

Data File : BG036678.D
Acq On : 12 Sep 2018 18:25
Operator : JU/SJ
Sample : J4780-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

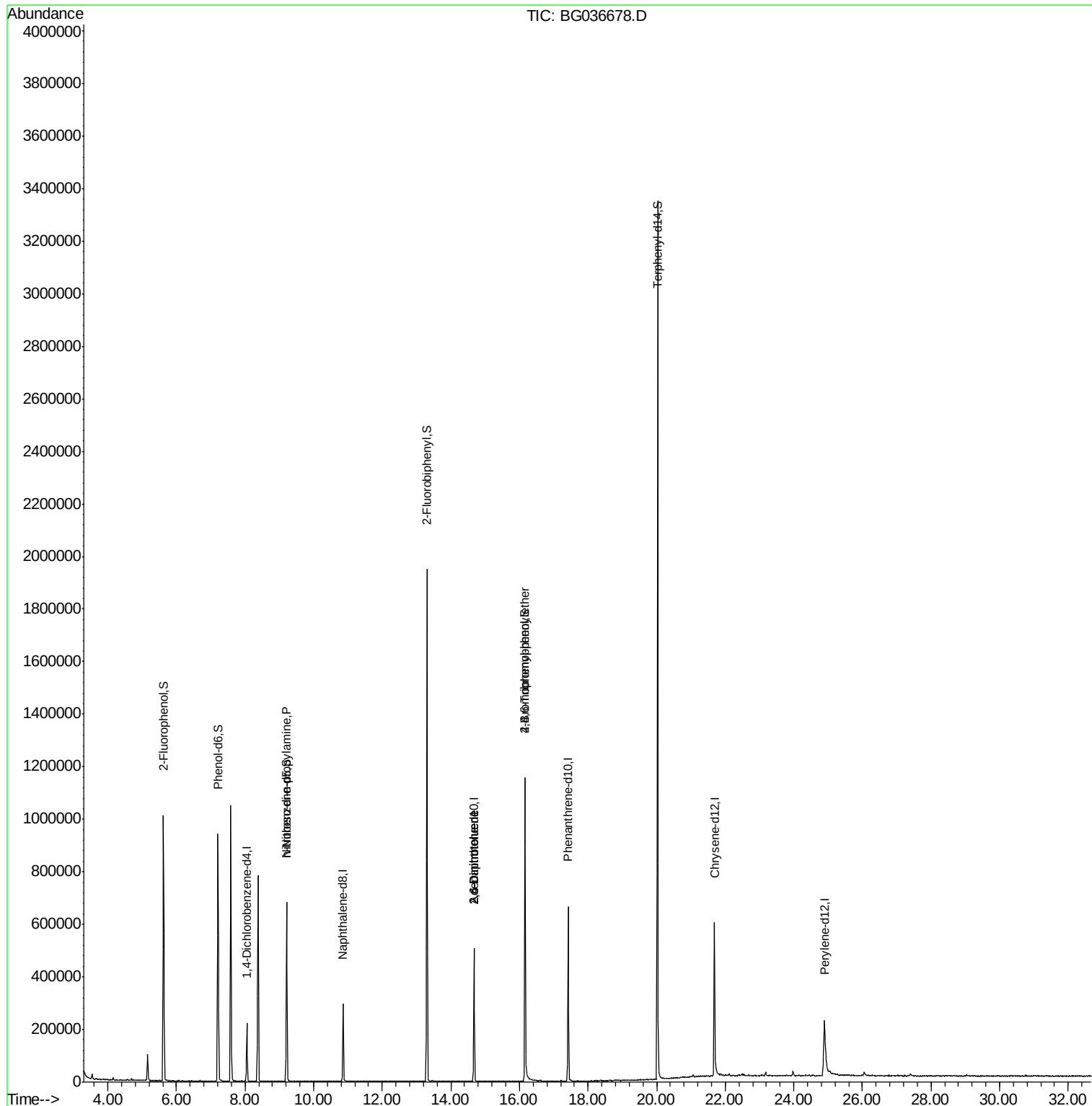
Quant Time: Sep 13 01:11:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

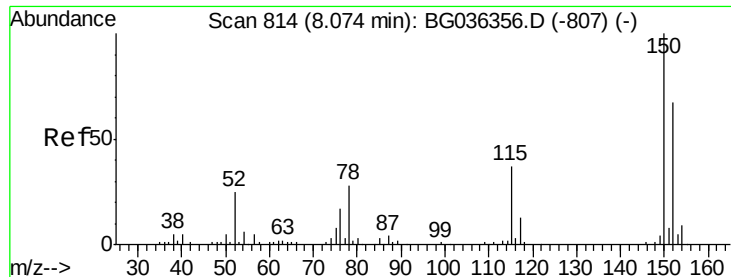
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62190	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	258339	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	172223	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	426653	20.00	ng	0.00
75) Chrysene-d12	21.69	240	434583	20.00	ng	0.00
86) Perylene-d12	24.89	264	324649	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	421539	107.52	ng	0.00
7) Phenol-d6	7.21	99	546127	97.29	ng	0.00
23) Nitrobenzene-d5	9.21	82	413536	86.85	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	231093	112.45	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	971126	80.51	ng	0.00
78) Terphenyl-d14	20.03	244	1592208	85.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	54481	12.987	ng	# 73
50) 2,6-Dinitrotoluene	14.68	165	21382	7.389	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	21382	5.669	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	16857	3.375	ng	# 1

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

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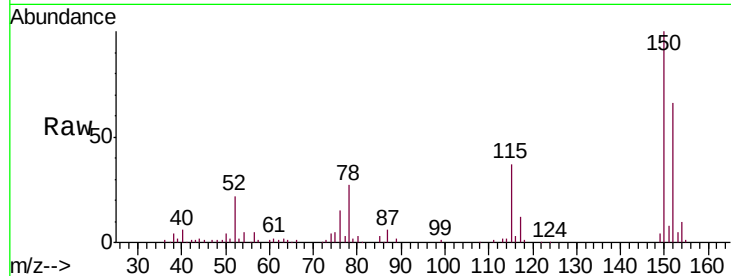
Quant Time: Sep 13 01:11:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
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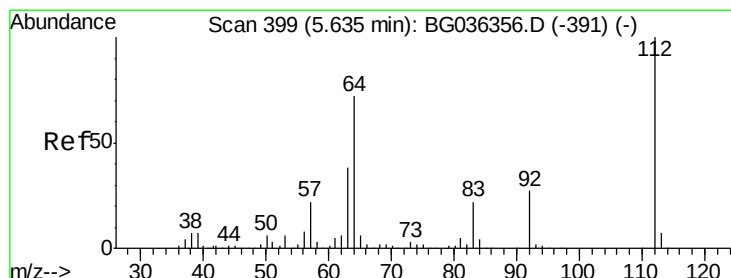
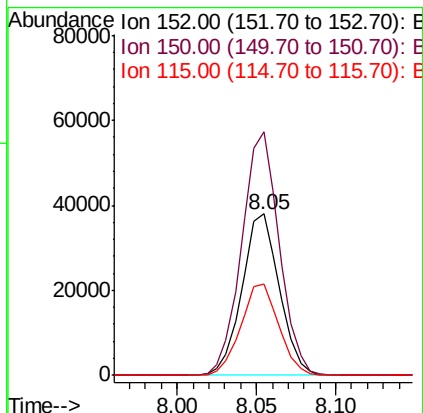
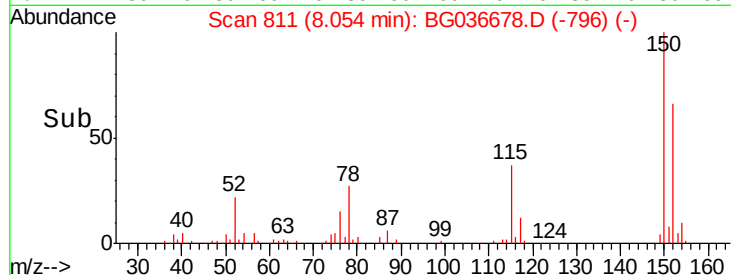


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036678.D
 Acq: 12 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.8	119.5	179.3
115	56.3	44.5	66.7

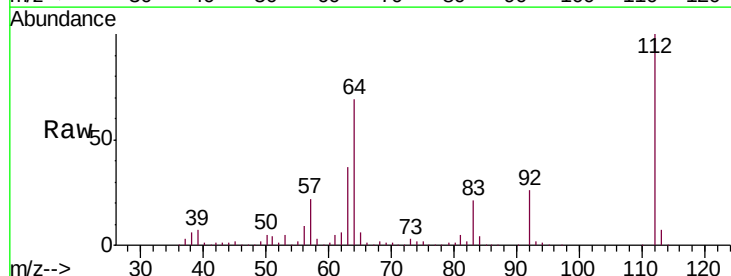


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

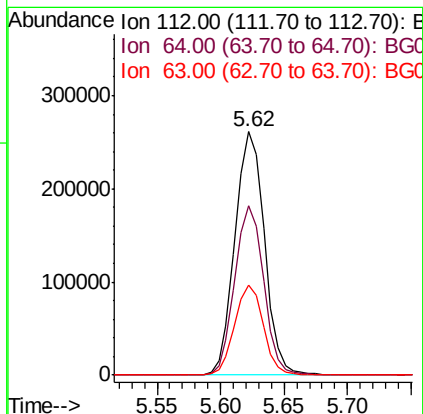
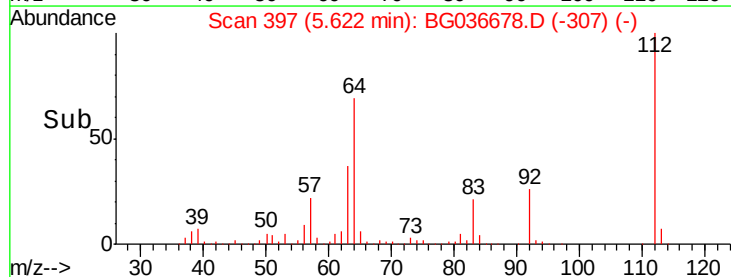


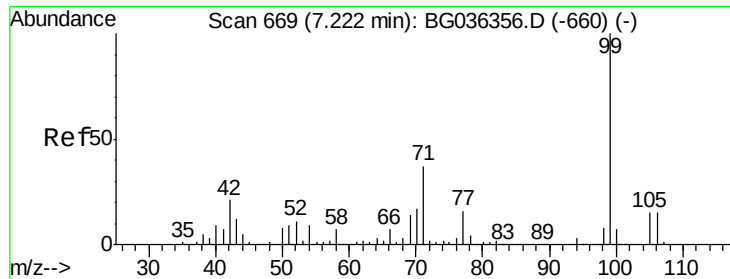
#5
 2-Fluorophenol
 Concen: 107.523 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036678.D
 Acq: 12 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	57.2	85.8
63	37.1	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: 97.295 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036678.D

Acq: 12 Sep 2018 18:25

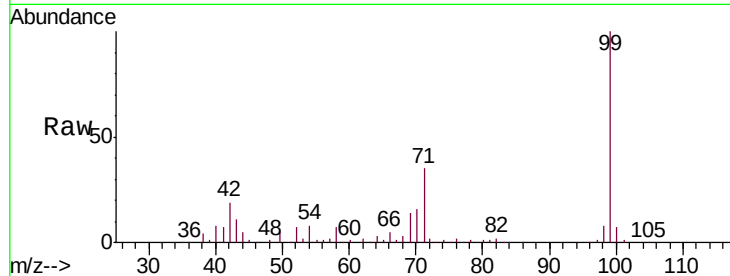
Tgt Ion: 99 Resp: 546127

Ion Ratio Lower Upper

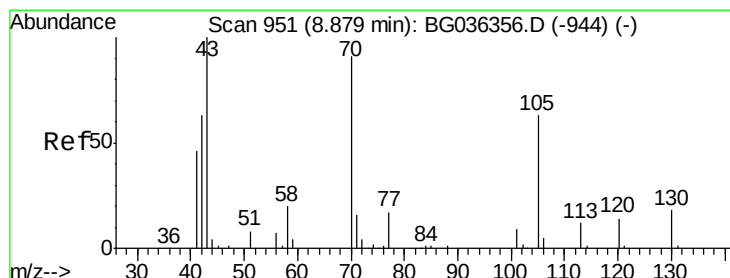
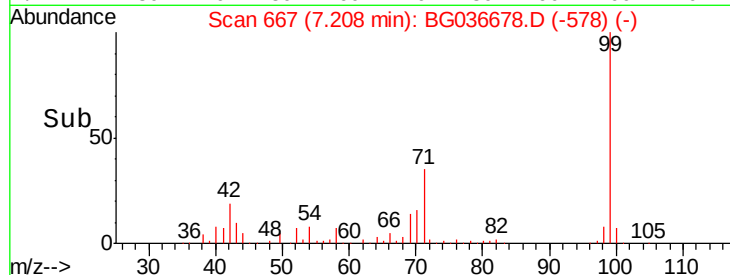
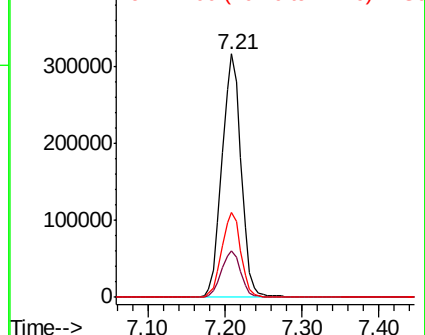
99 100

42 19.4 16.5 24.7

71 34.9 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: 12.987 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036678.D

Acq: 12 Sep 2018 18:25

Tgt Ion: 70 Resp: 54481

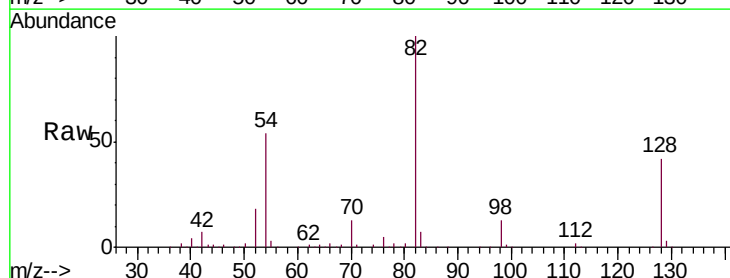
Ion Ratio Lower Upper

70 100

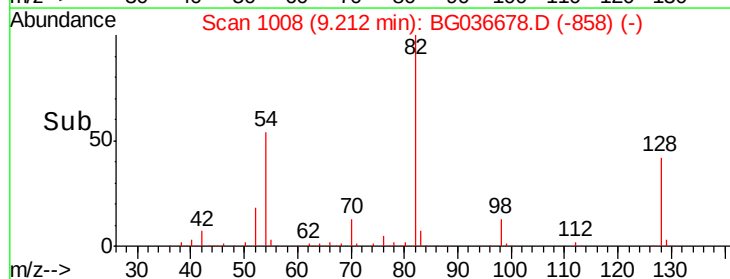
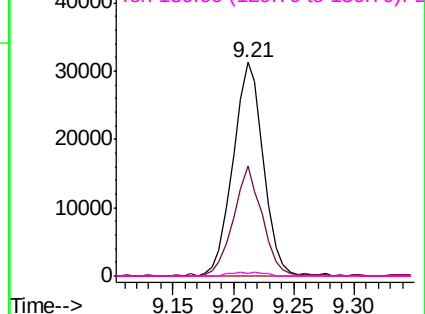
42 51.6 56.2 84.4#

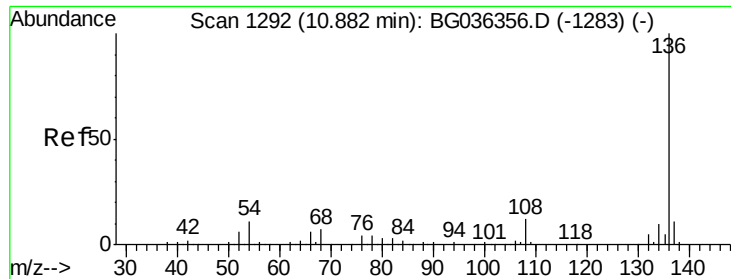
101 0.0 7.8 11.6#

130 1.3 16.2 24.2#



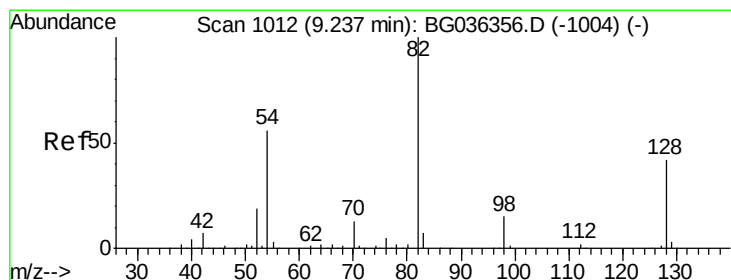
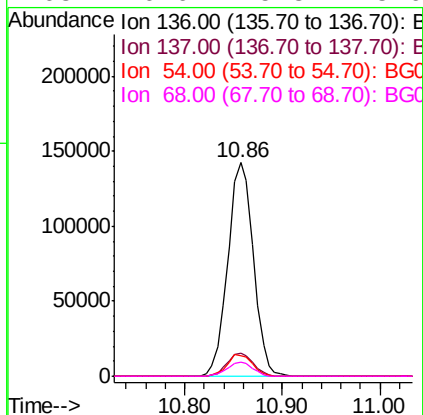
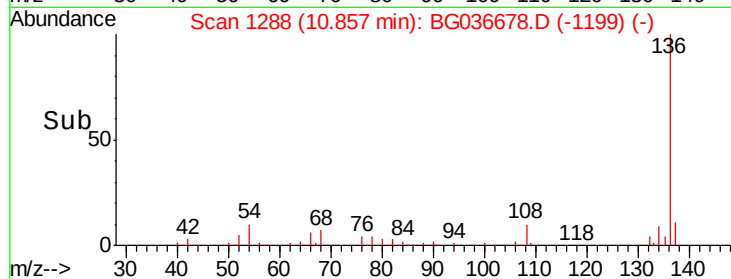
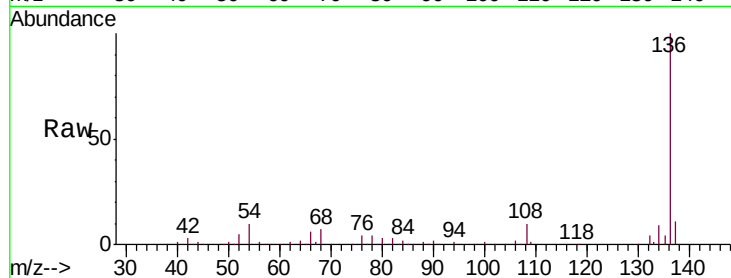
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





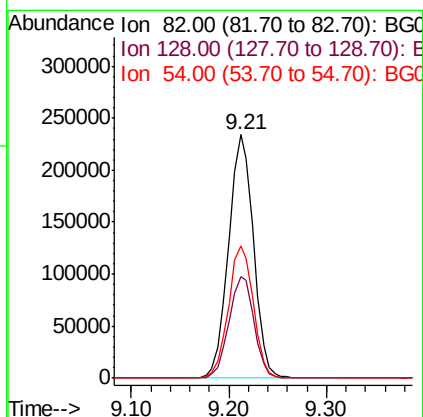
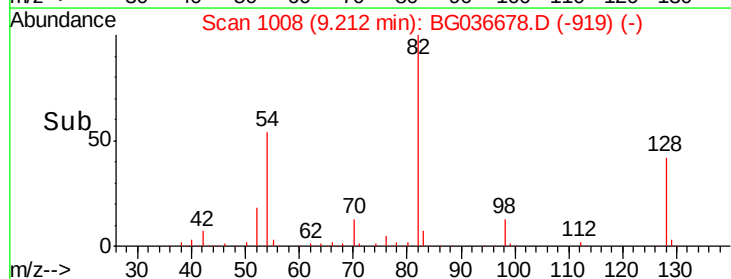
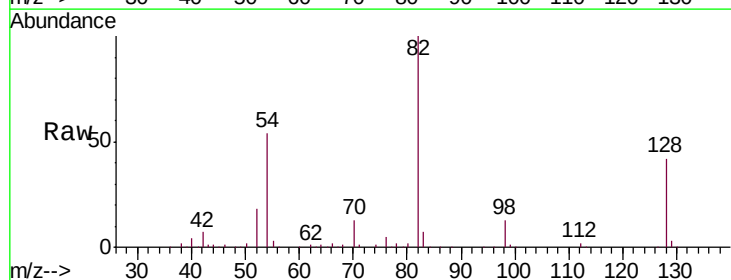
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036678.D
Acq: 12 Sep 2018 18:25

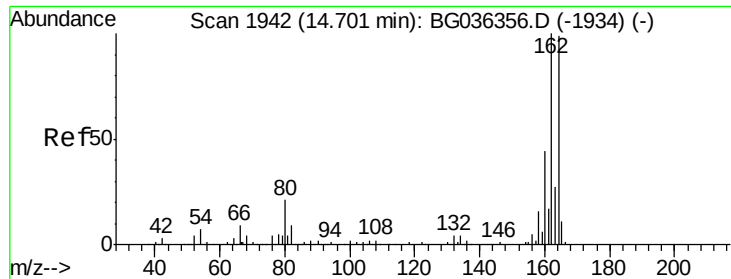
Tgt Ion:	136	Resp:	258339
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.7	9.2	13.8
68	6.6	5.8	8.6



#23
Nitrobenzene-d5
Concen: 86.851 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036678.D
Acq: 12 Sep 2018 18:25

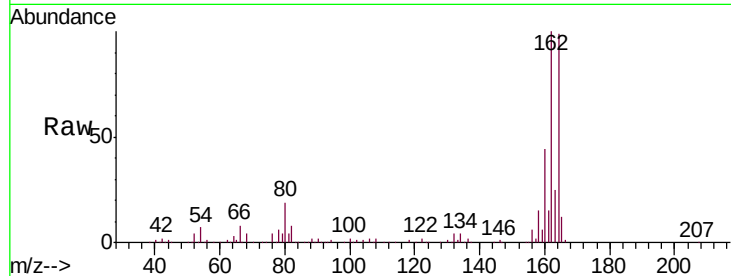
Tgt Ion:	82	Resp:	413536
Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.3	49.9
54	54.4	45.1	67.7





#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036678.D
 Acq: 12 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.7	121.1
160	44.2	35.3	52.9

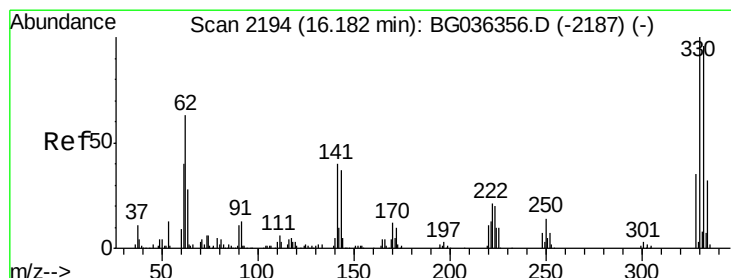
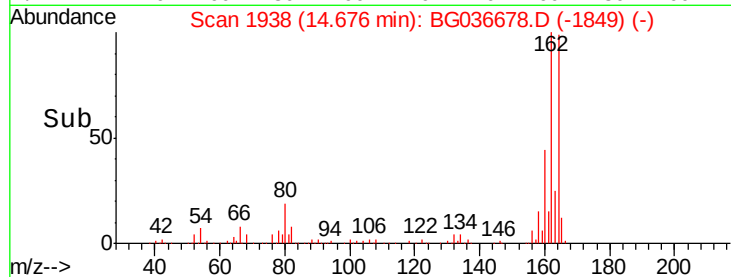
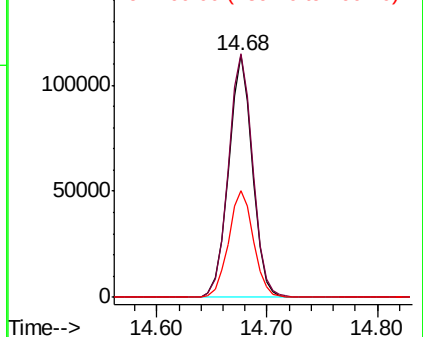


Abundance

Ion 164.00 (163.70 to 164.70): E

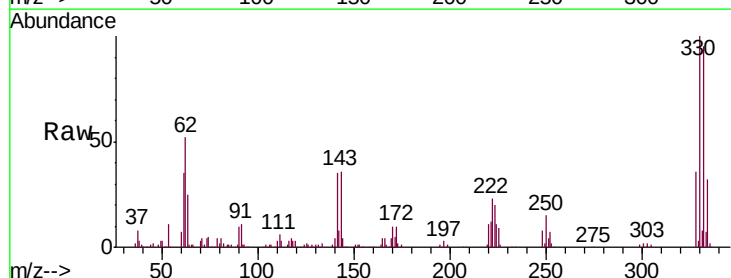
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 112.454 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036678.D
 Acq: 12 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.4	113.2
141	36.8	30.7	46.1

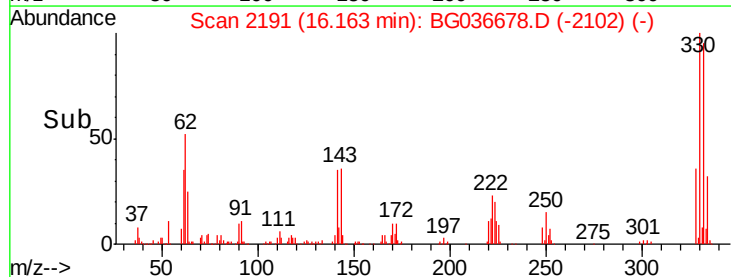
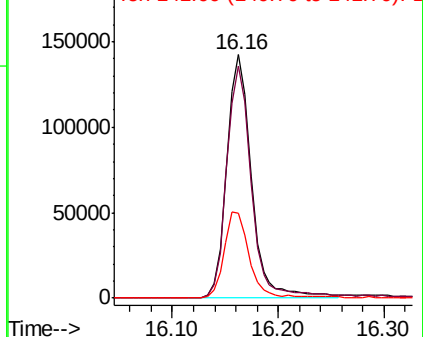


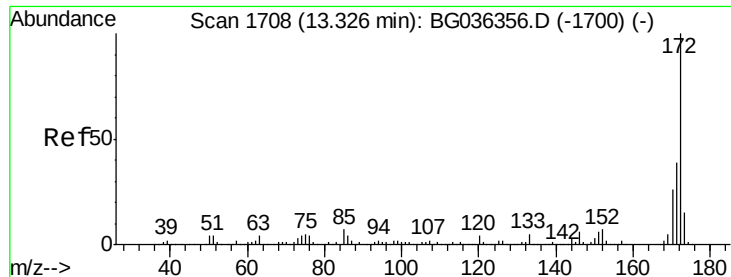
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

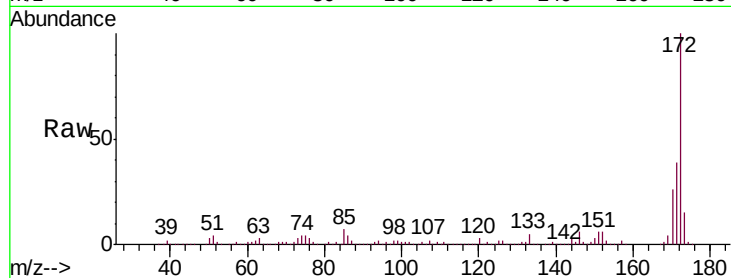
Ion 141.00 (140.70 to 141.70): E



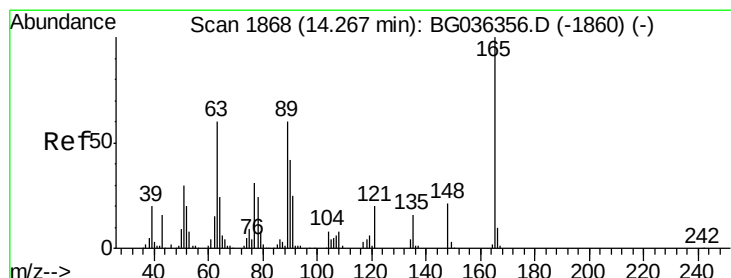
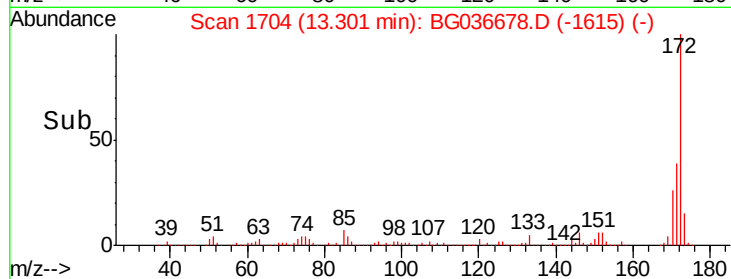
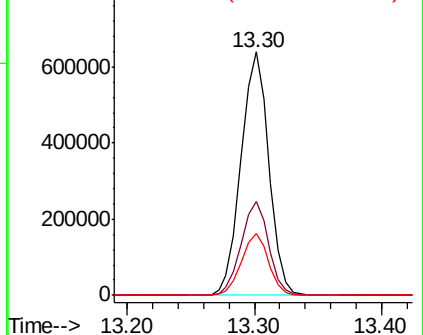


#44
 2-Fluorobiphenyl
 Concen: 80.511 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036678.D
 Acq: 12 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.6	21.0	31.6

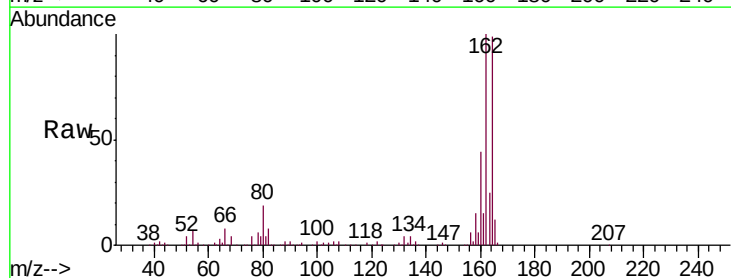


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

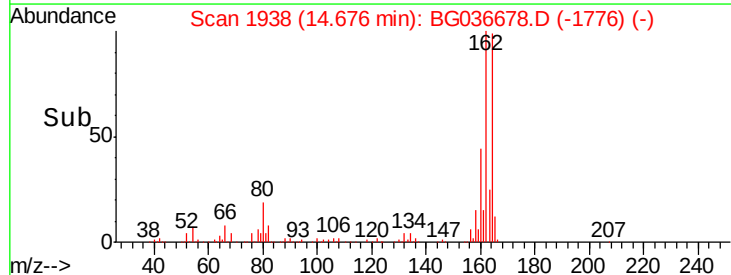
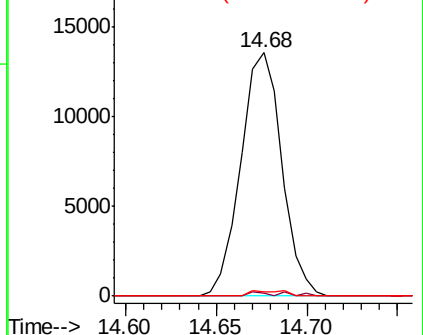


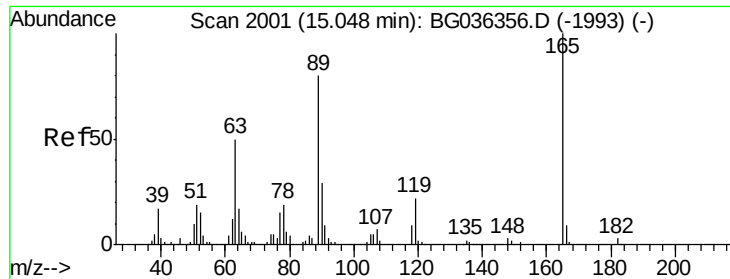
#50
 2,6-Dinitrotoluene
 Concen: 7.389 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036678.D
 Acq: 12 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.1	75.1#
89	2.0	47.8	71.6#



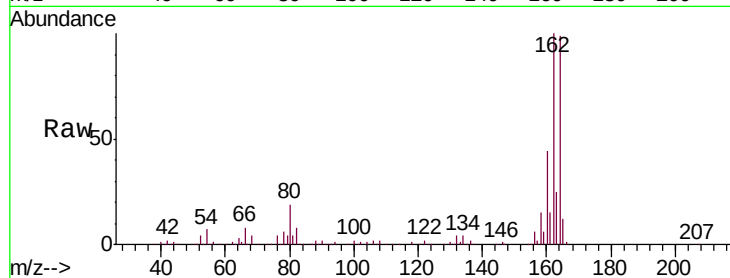
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0





#56
 2,4-Dinitrotoluene
 Concen: 5.669 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036678.D
 Acq: 12 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#



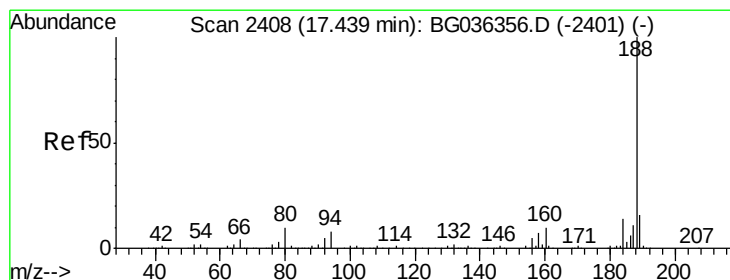
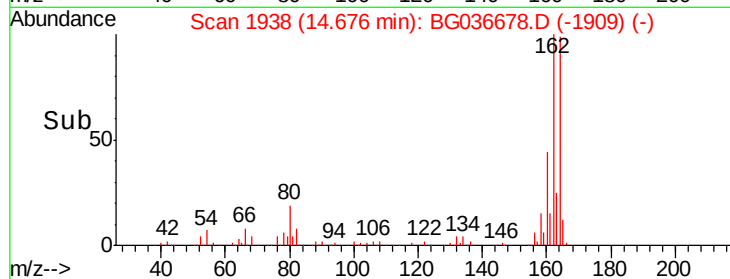
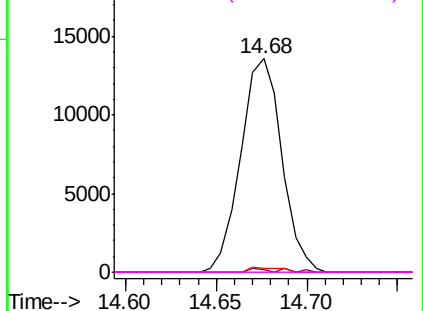
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

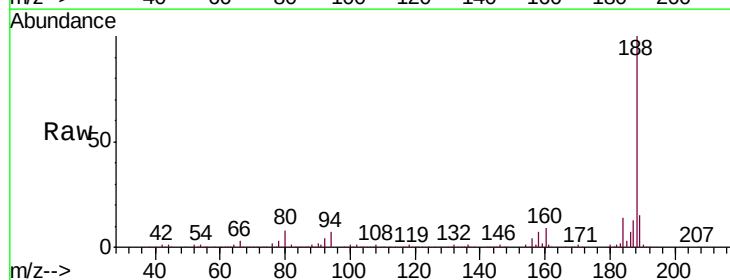
Ion 89.00 (88.70 to 89.70): BG

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: BG036678.D
 Acq: 12 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.7	10.1
80	8.2	8.1	12.1

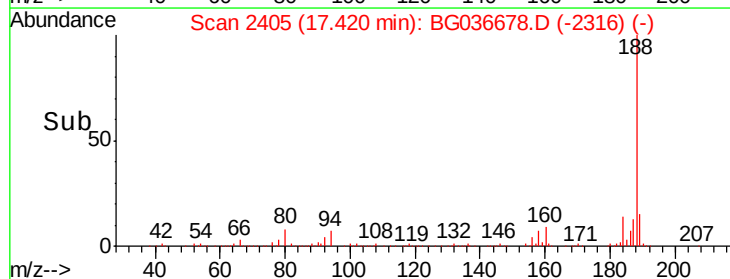
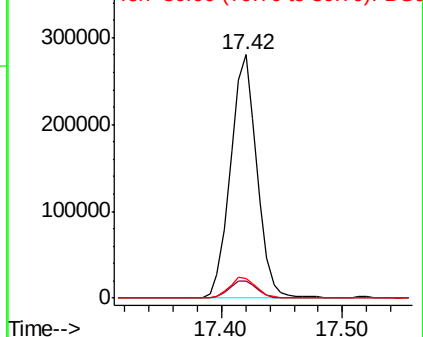


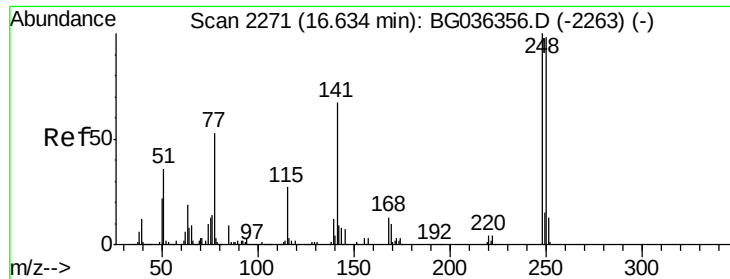
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

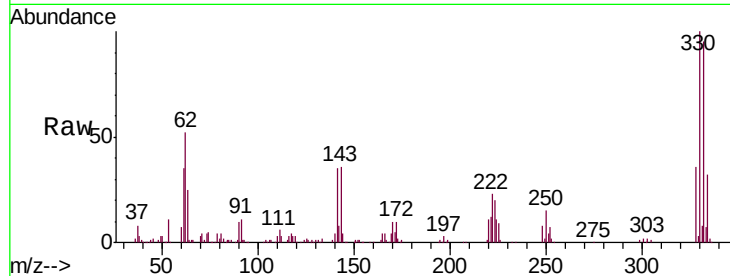
Ion 80.00 (79.70 to 80.70): BG



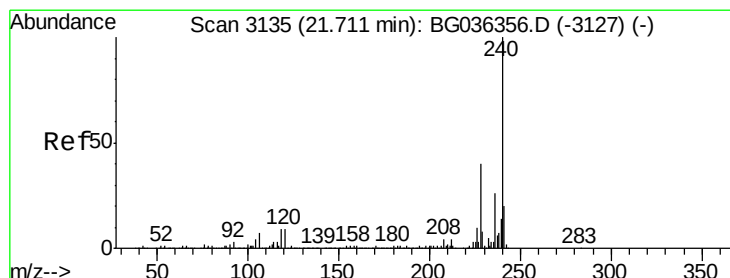
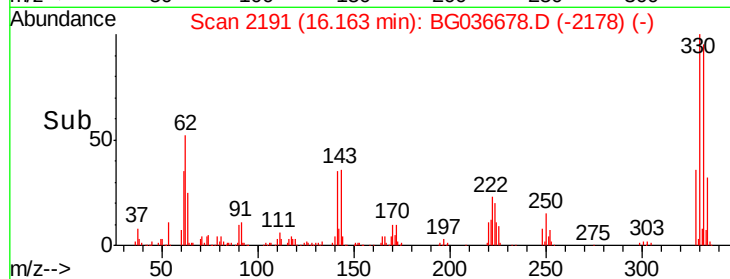
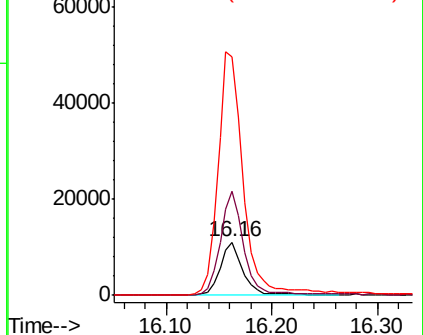


#66
 4-Bromophenyl-phenylether
 Concen: 3.375 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036678.D
 Acq: 12 Sep 2018 18:25

Tgt Ion:248 Resp: 16857
 Ion Ratio Lower Upper
 248 100
 250 193.7 78.1 117.1#
 141 447.1 53.7 80.5#

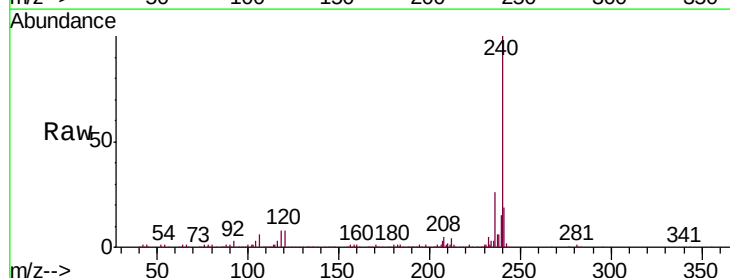


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

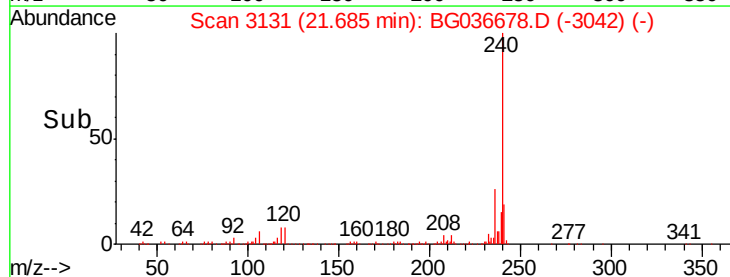
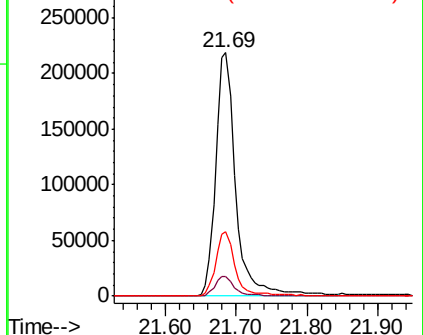


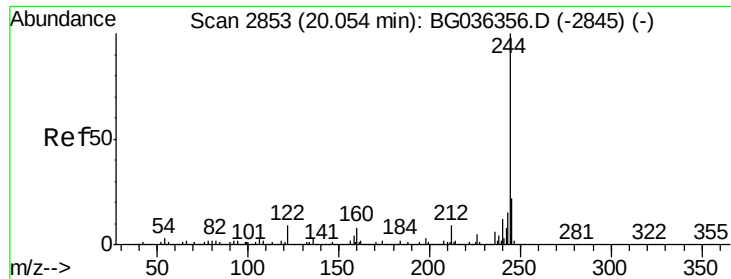
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036678.D
 Acq: 12 Sep 2018 18:25

Tgt Ion:240 Resp: 434583
 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: 85.635 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036678.D

Acq: 12 Sep 2018 18:25

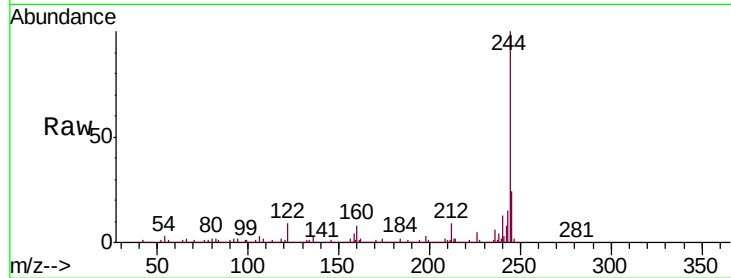
Tgt Ion:244 Resp: 1592208

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

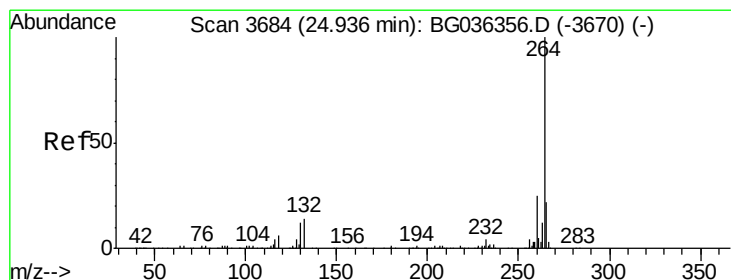
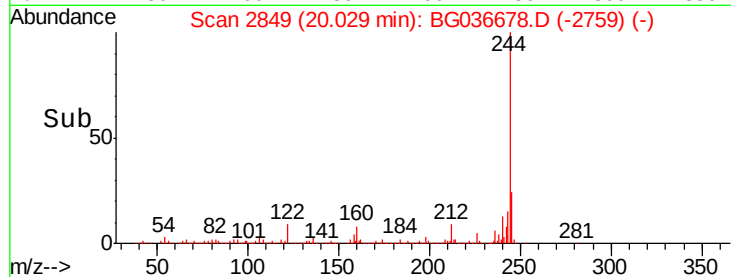
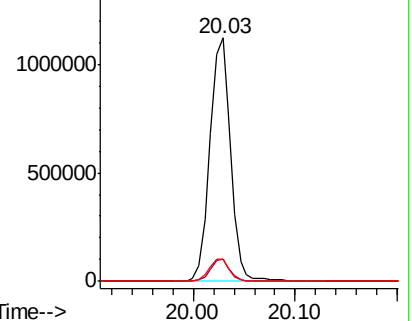
122 9.3 7.1 10.7



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: BG036678.D

Acq: 12 Sep 2018 18:25

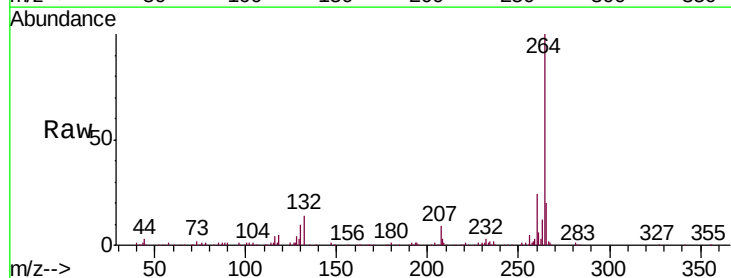
Tgt Ion:264 Resp: 324649

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 19.8 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

