

Data File : BG036679.D
Acq On : 12 Sep 2018 19:04
Operator : JU/SJ
Sample : J4853-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

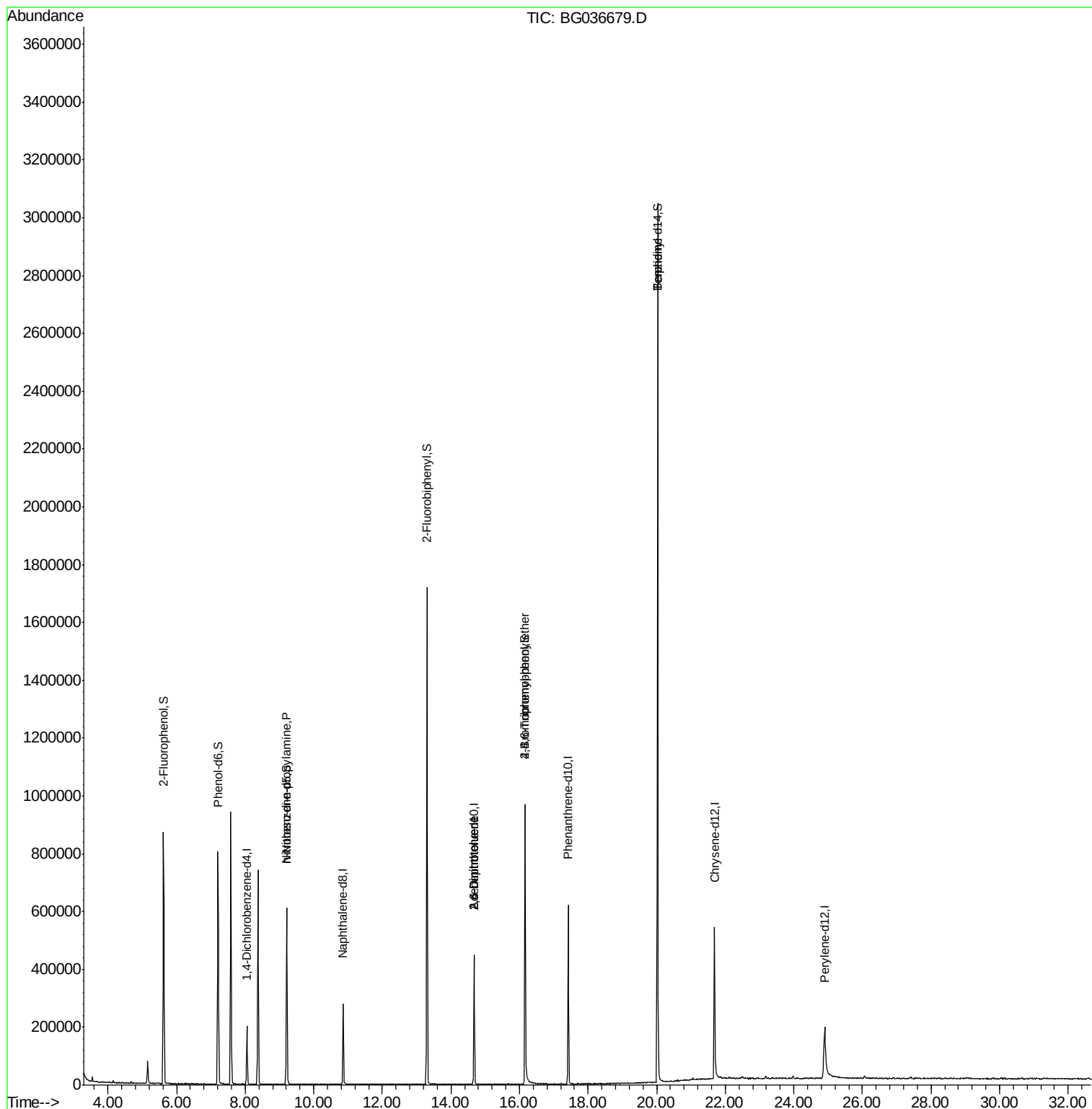
Quant Time: Sep 13 01:12:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

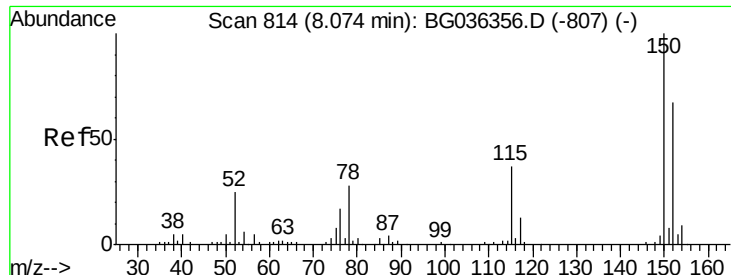
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56728	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	235551	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	153307	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	391871	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	387739	20.00	ng	-0.01
86) Perylene-d12	24.90	264	297371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	371255	103.81	ng	0.00
7) Phenol-d6	7.21	99	466394	91.09	ng	-0.01
23) Nitrobenzene-d5	9.21	82	377897	87.04	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	200151	109.41	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	877575	81.73	ng	-0.01
78) Terphenyl-d14	20.03	244	1503996	90.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	49881	13.035	ng	# 73
50) 2,6-Dinitrotoluene	14.67	165	19722	7.656	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	19722	5.875	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	13989	3.049	ng	# 1
76) Benzidine	20.03	184	25622	2.071	ng	# 91

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

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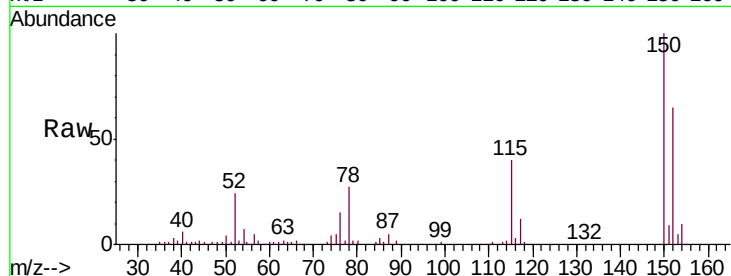
Quant Time: Sep 13 01:12:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
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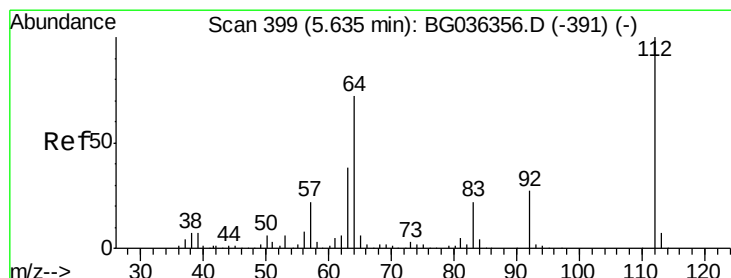
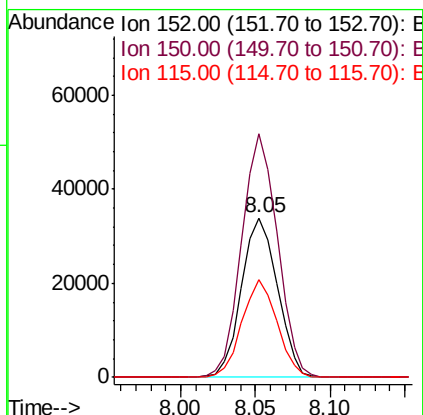
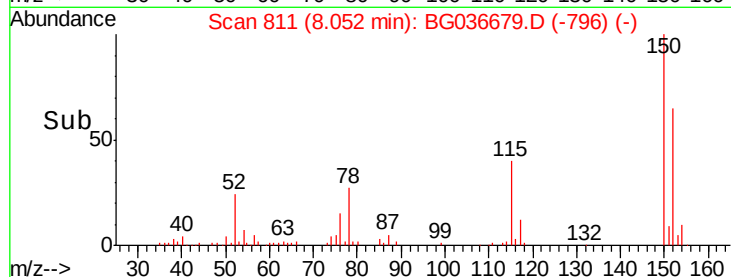


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Tgt Ion:152 Resp: 56728
 Ion Ratio Lower Upper
 152 100
 150 152.9 119.5 179.3
 115 61.4 44.5 66.7

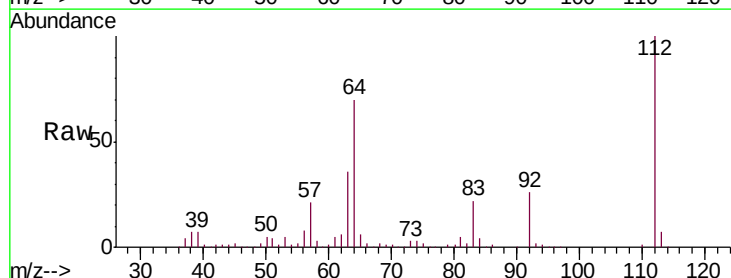


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

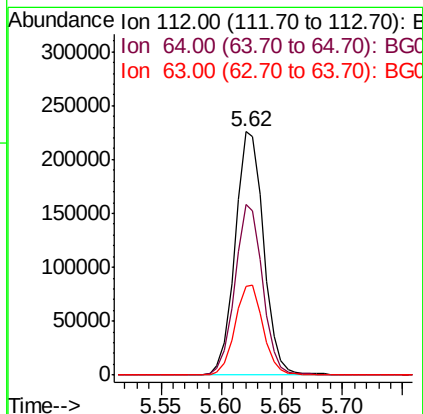
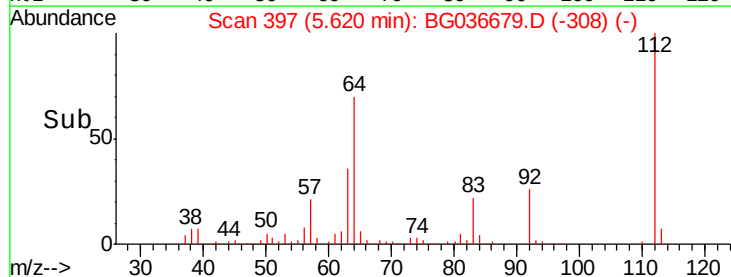


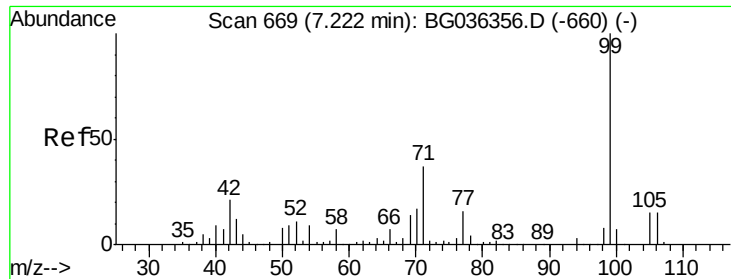
#5
 2-Fluorophenol
 Concen: 103.815 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Tgt Ion:112 Resp: 371255
 Ion Ratio Lower Upper
 112 100
 64 70.2 57.2 85.8
 63 36.4 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: 91.090 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036679.D

Acq: 12 Sep 2018 19:04

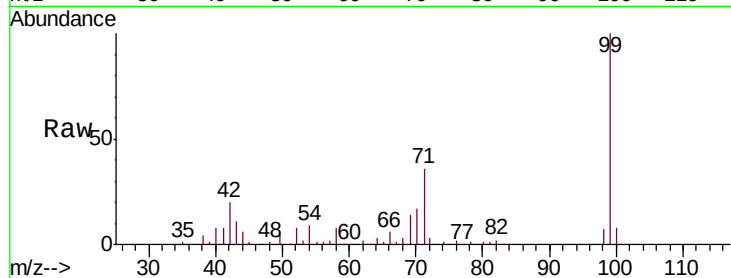
Tgt Ion: 99 Resp: 466394

Ion Ratio Lower Upper

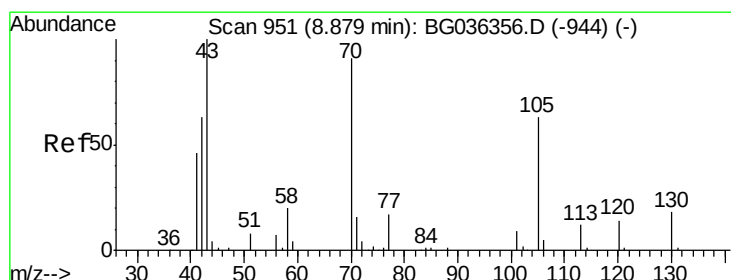
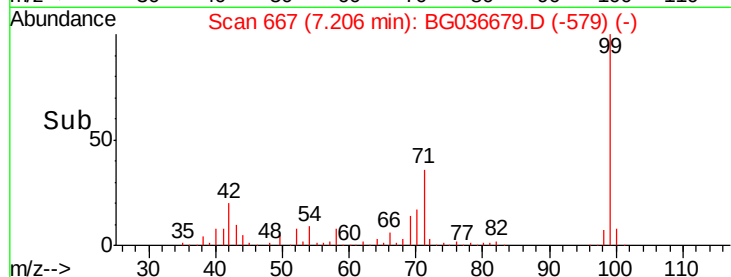
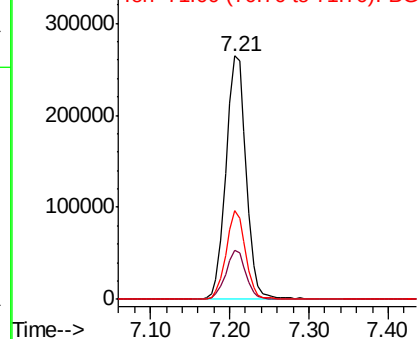
99 100

42 20.2 16.5 24.7

71 36.5 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: 13.035 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036679.D

Acq: 12 Sep 2018 19:04

Tgt Ion: 70 Resp: 49881

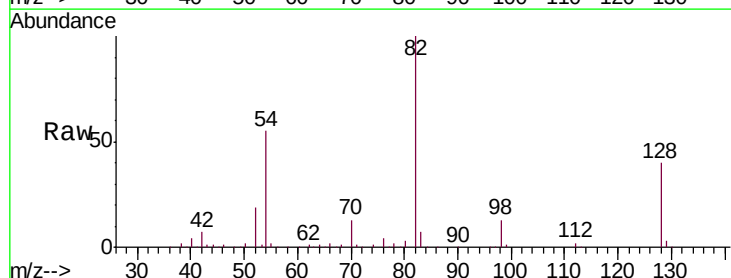
Ion Ratio Lower Upper

70 100

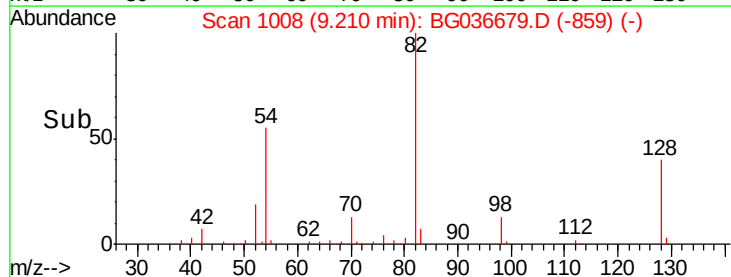
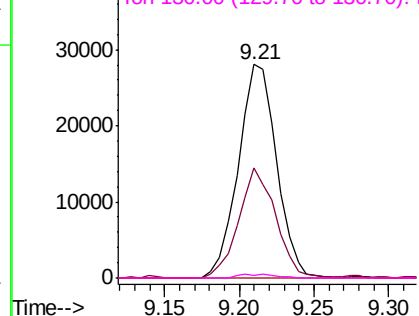
42 51.4 56.2 84.4#

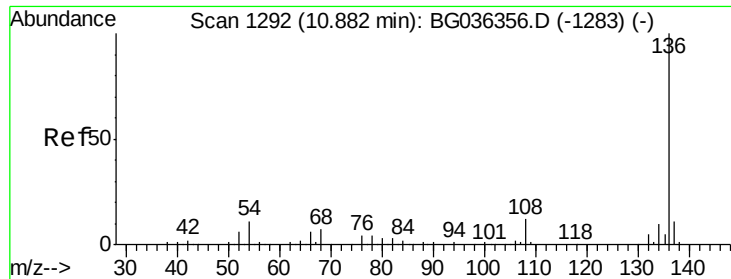
101 0.0 7.8 11.6#

130 1.5 16.2 24.2#



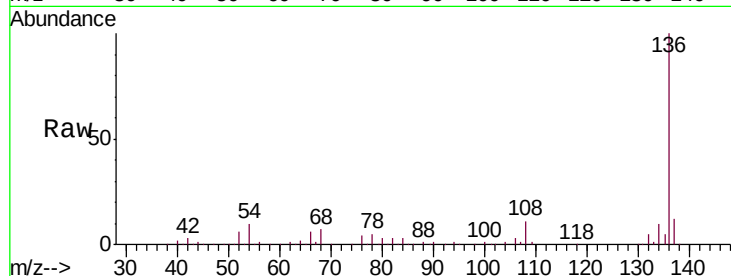
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



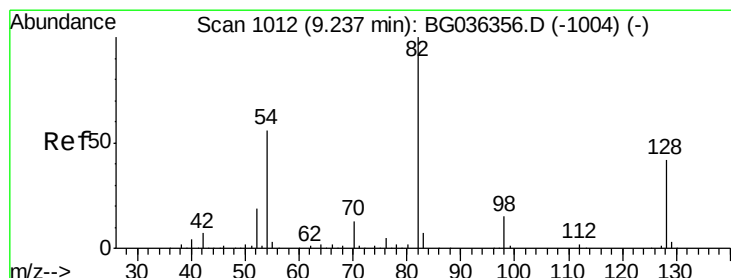
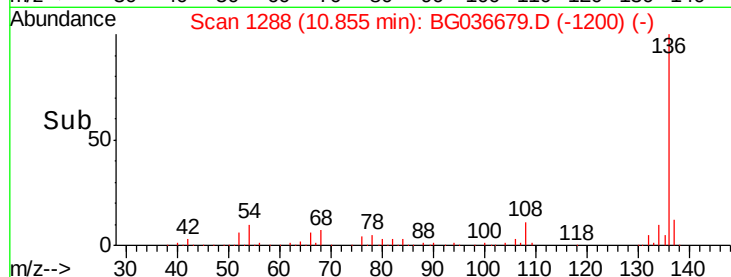
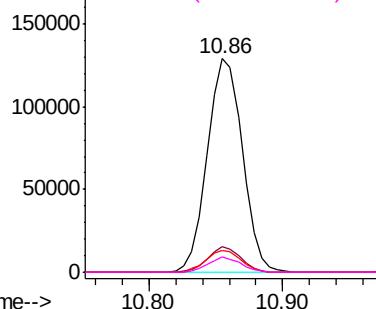


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036679.D
Acq: 12 Sep 2018 19:04

Tgt Ion:	136	Resp:	235551
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	10.4	9.2	13.8
68	7.2	5.8	8.6

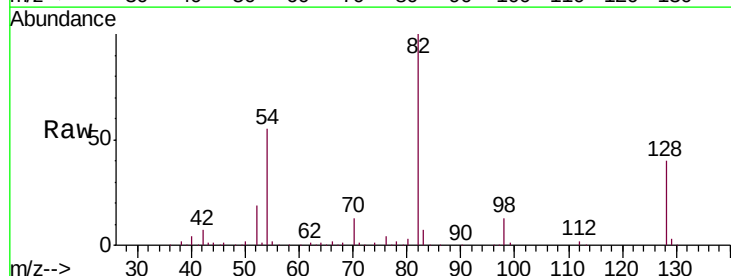


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

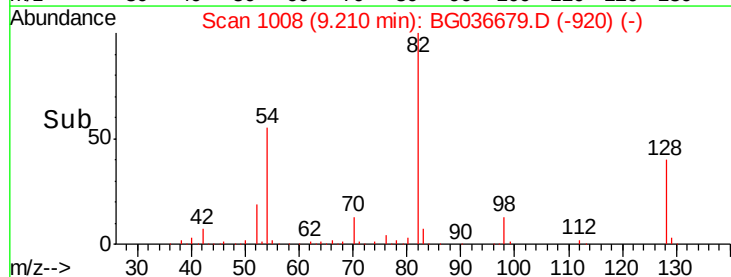
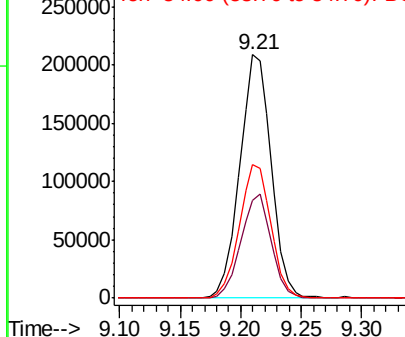


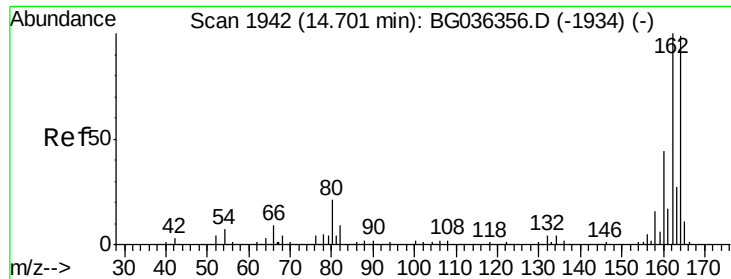
#23
Nitrobenzene-d5
Concen: 87.045 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036679.D
Acq: 12 Sep 2018 19:04

Tgt Ion:	82	Resp:	377897
Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.3	49.9
54	55.0	45.1	67.7



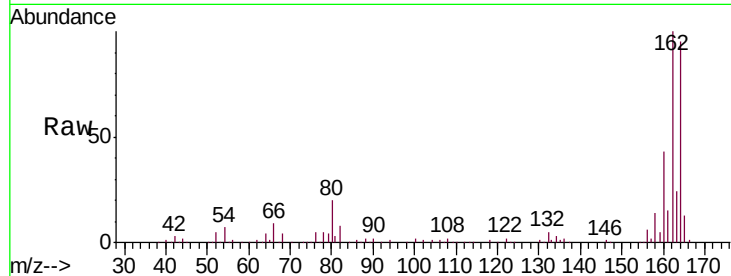
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC



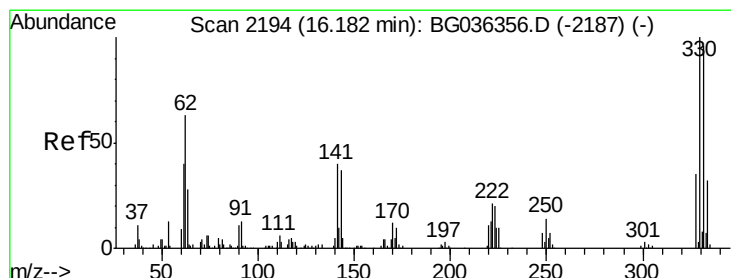
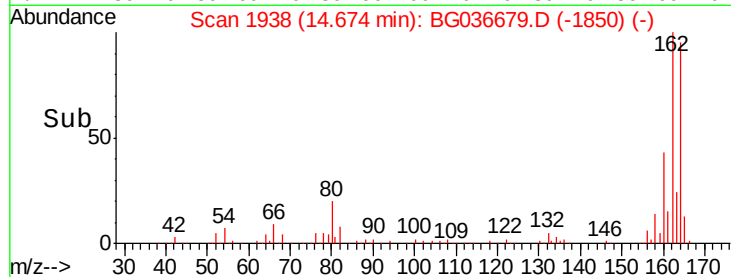
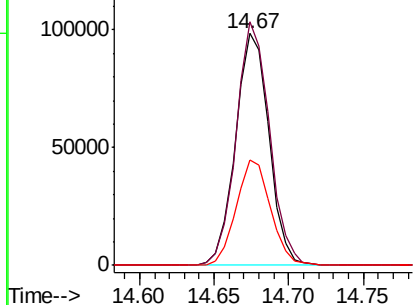


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	80.7	121.1
160	45.3	35.3	52.9

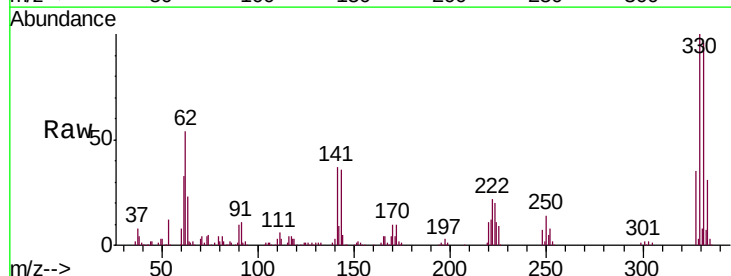


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

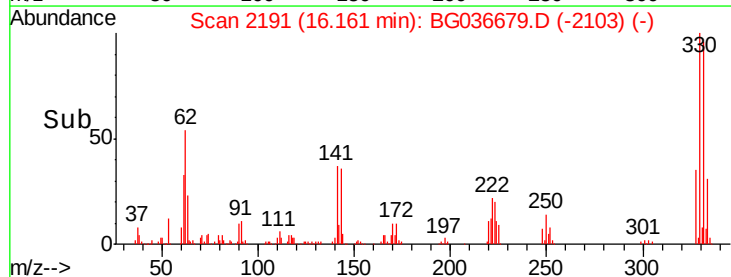
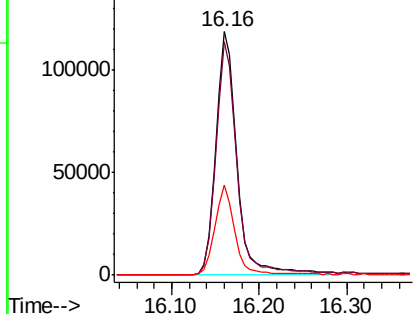


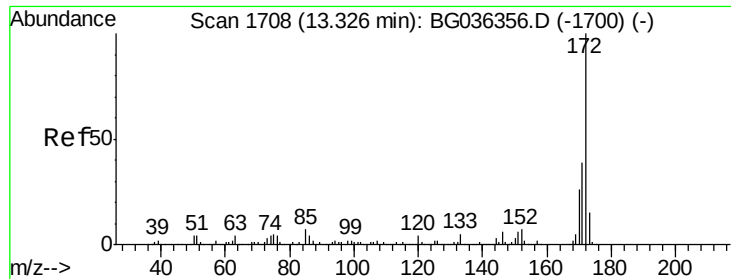
#41
 2,4,6-Tribromophenol
 Concen: 109.414 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.4	113.2
141	34.2	30.7	46.1



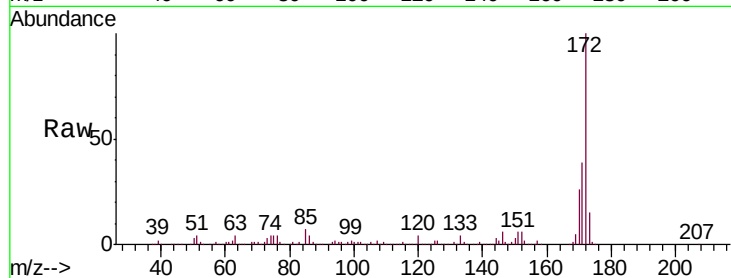
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



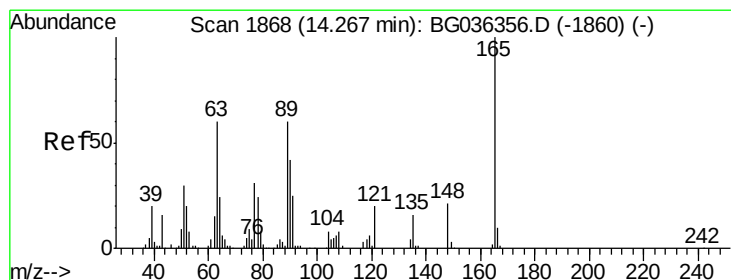
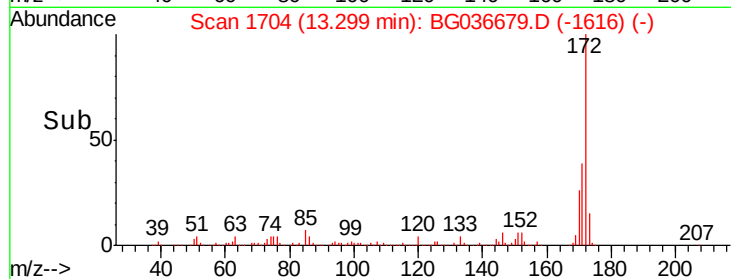
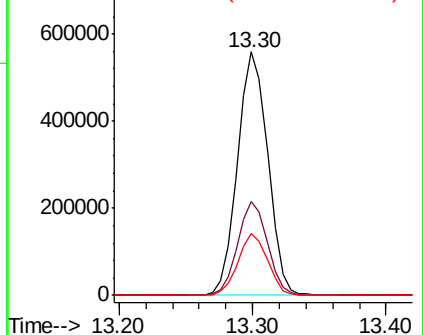


#44
 2-Fluorobiphenyl
 Concen: 81.733 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.5	21.0	31.6

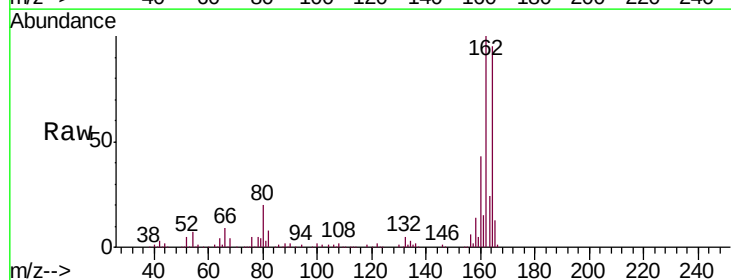


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

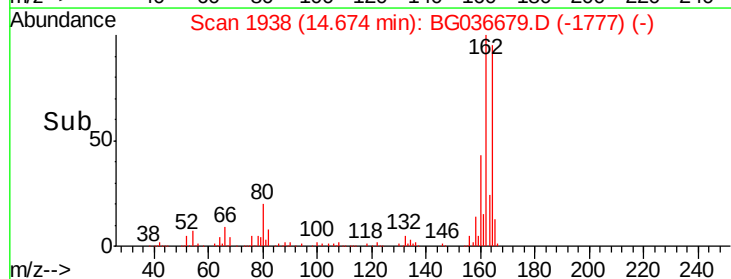
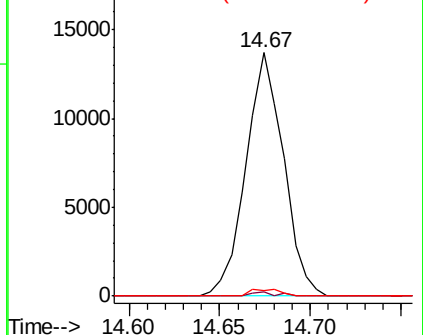


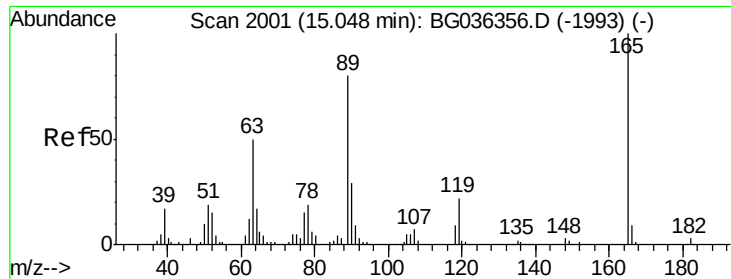
#50
 2,6-Dinitrotoluene
 Concen: 7.656 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	50.1	75.1#
89	2.1	47.8	71.6#



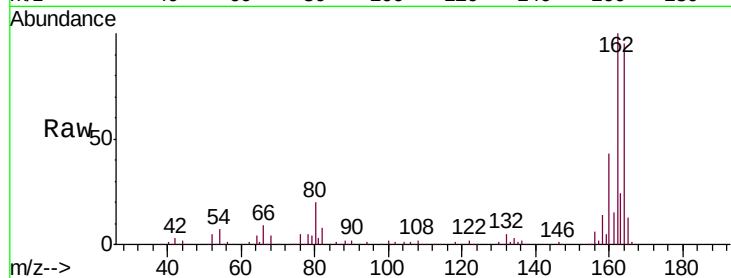
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG



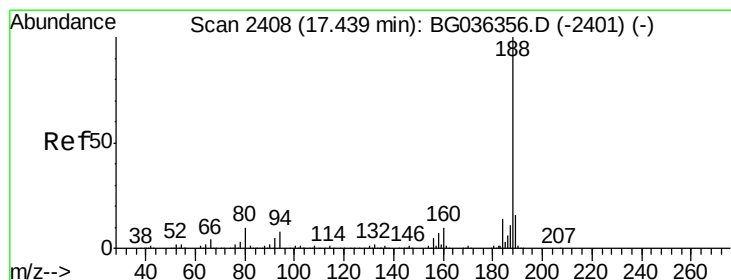
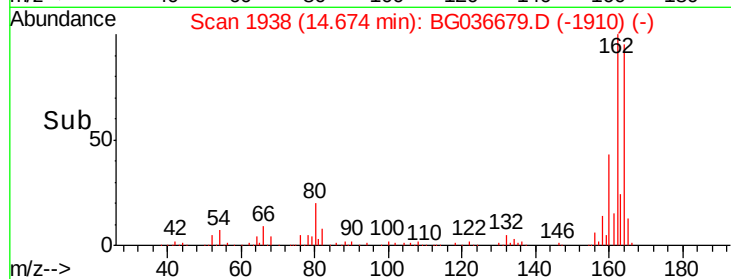
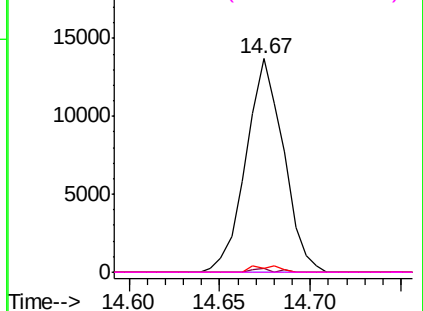


#56
 2,4-Dinitrotoluene
 Concen: 5.875 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Tgt Ion:	165	Resp:	19722
Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#

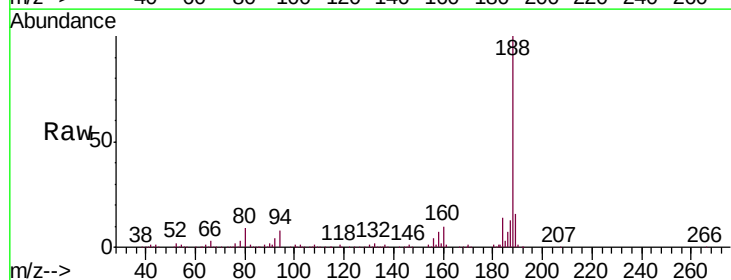


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

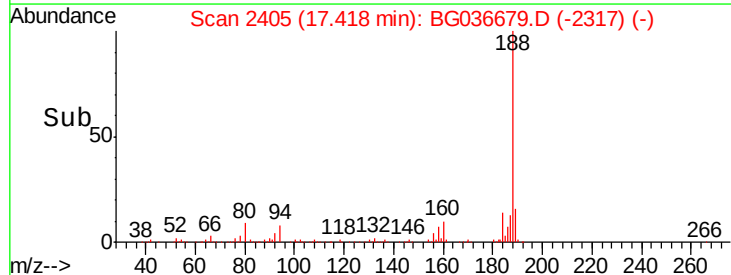
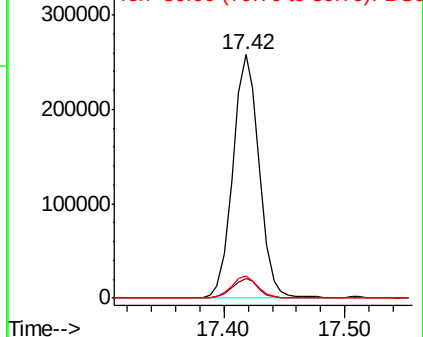


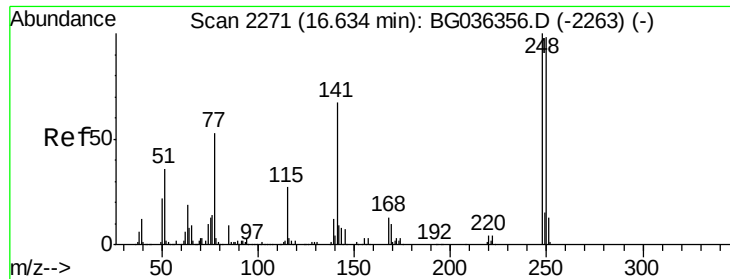
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Tgt Ion:	188	Resp:	391871
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.0	8.1	12.1



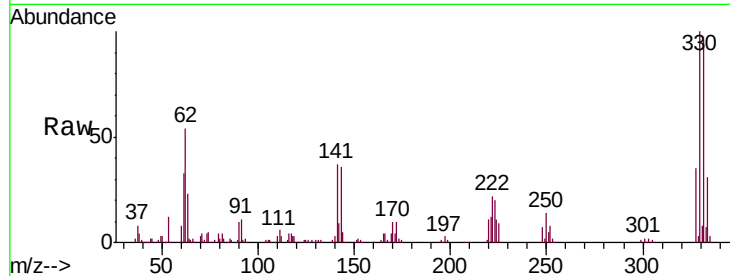
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG



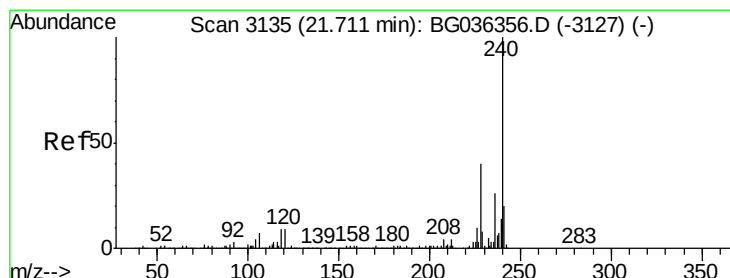
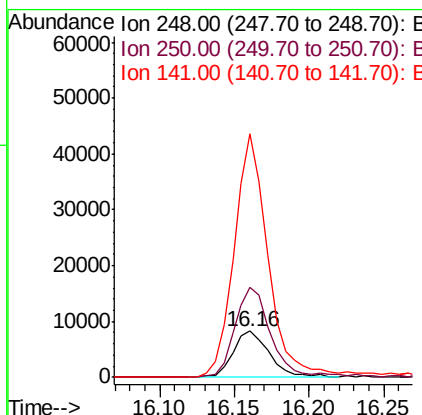
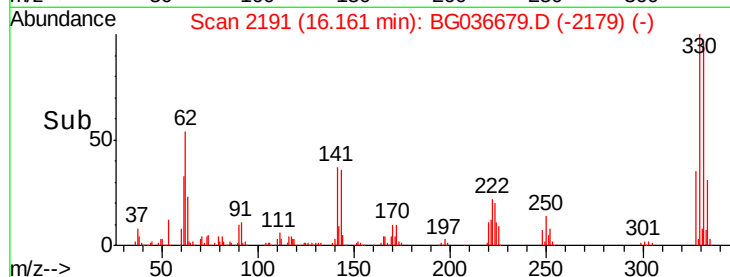


#66
 4-Bromophenyl-phenylether
 Concen: 3.049 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Tgt Ion:248 Resp: 13989
 Ion Ratio Lower Upper
 248 100
 250 194.7 78.1 117.1#
 141 524.4 53.7 80.5#

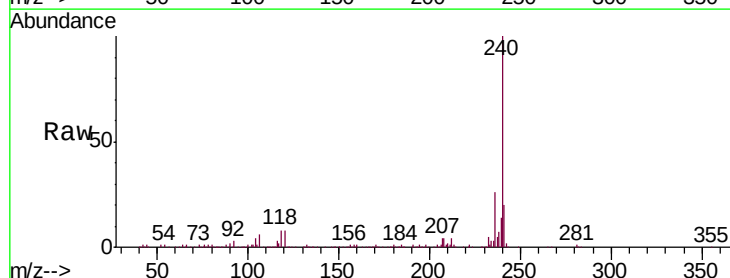


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

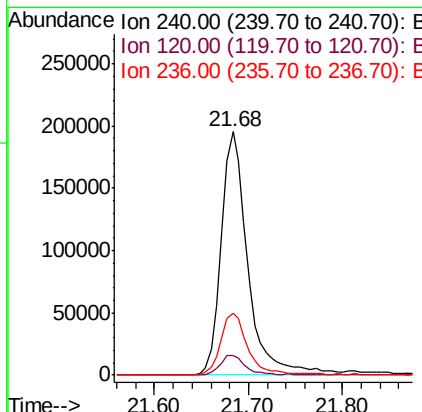
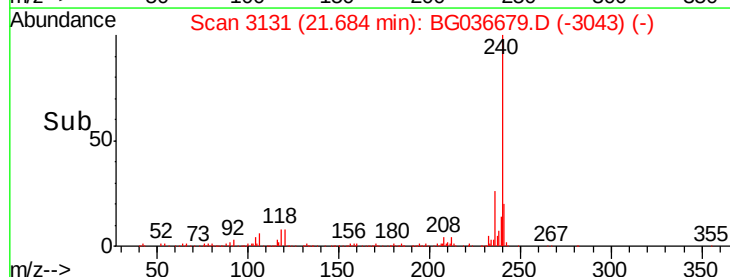


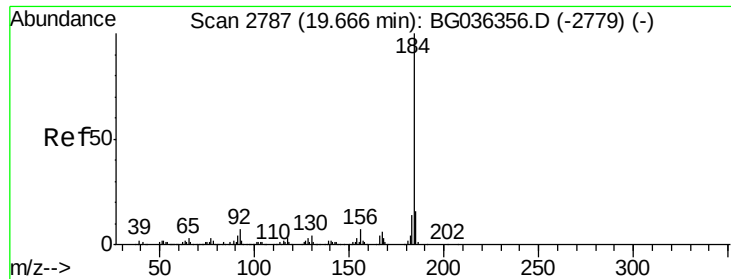
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Tgt Ion:240 Resp: 387739
 Ion Ratio Lower Upper
 240 100
 120 7.9 6.9 10.3
 236 25.7 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





#76

Benzidine

Concen: 2.071 ng

RT: 20.03 min Scan# 2849

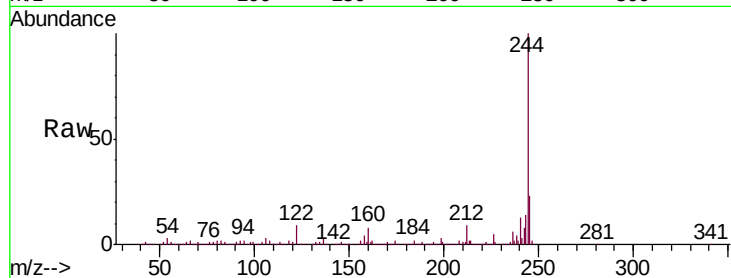
Delta R.T. 0.38 min

Lab File: BG036679.D

Acq: 12 Sep 2018 19:04

Tgt Ion:184 Resp: 25622

Ion	Ratio	Lower	Upper
184	100		
185	18.8	12.6	18.8
183	9.6	10.9	16.3#

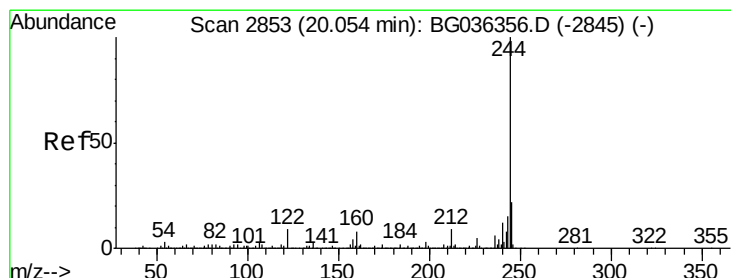
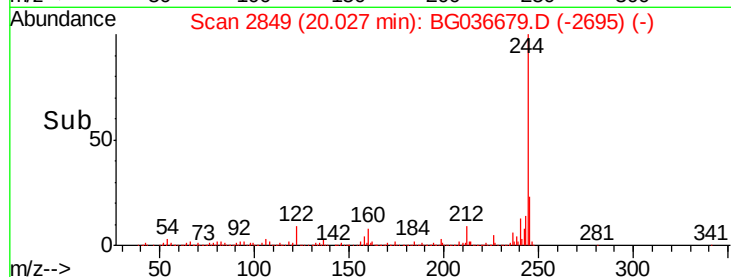
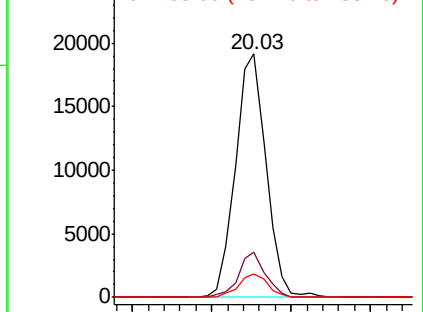


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 90.663 ng

RT: 20.03 min Scan# 2849

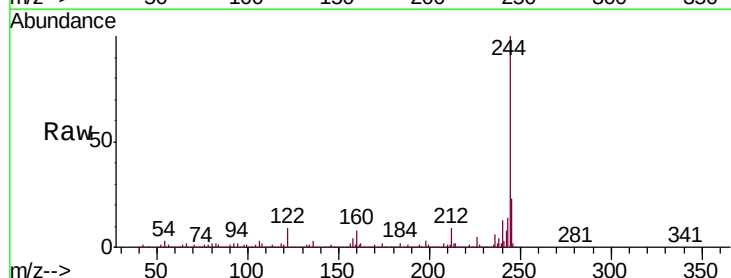
Delta R.T. -0.01 min

Lab File: BG036679.D

Acq: 12 Sep 2018 19:04

Tgt Ion:244 Resp: 1503996

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

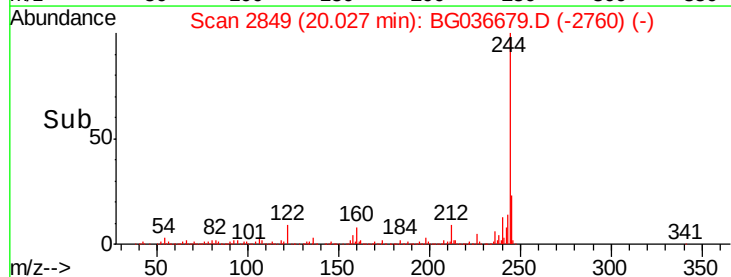
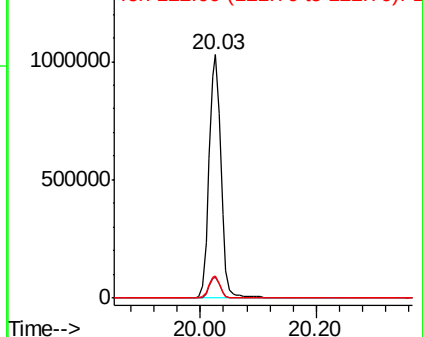


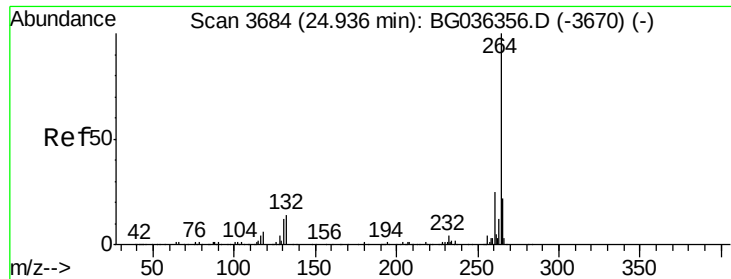
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

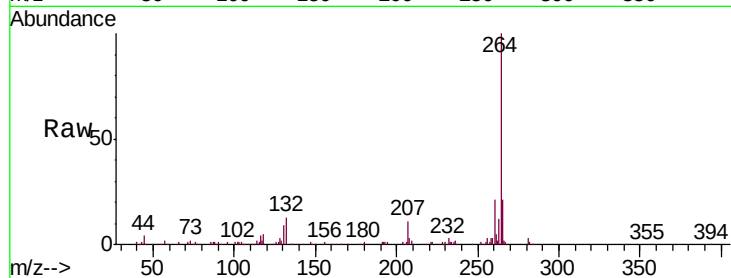
Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036679.D
Acq: 12 Sep 2018 19:04

Tgt Ion:	264	Resp:	297371
Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.6	29.4
265	20.9	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

