

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
 Data File : BG036675.D
 Acq On : 12 Sep 2018 16:28
 Operator : JU/SJ
 Sample : J4842-18
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

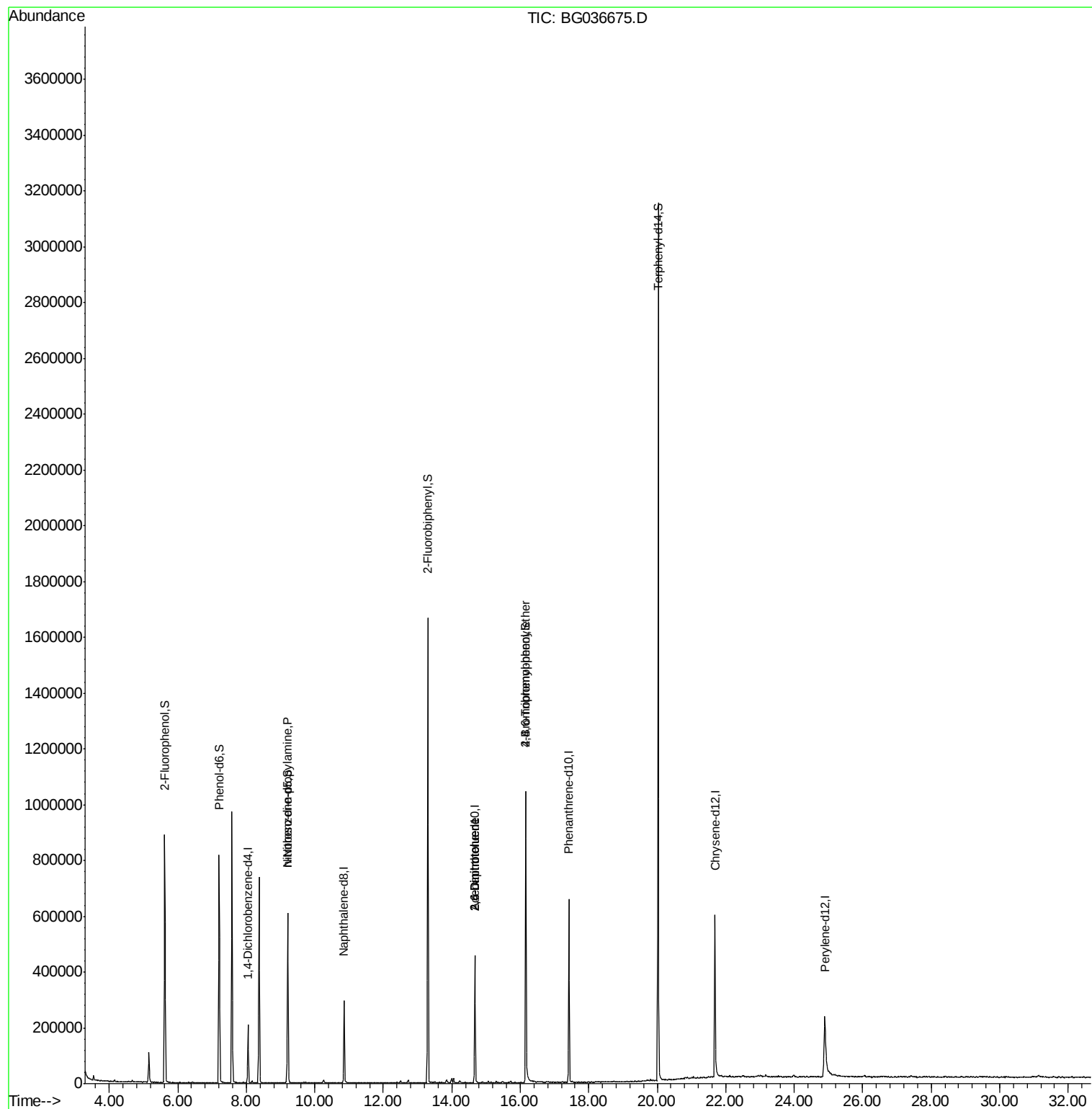
Quant Time: Sep 12 18:12:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

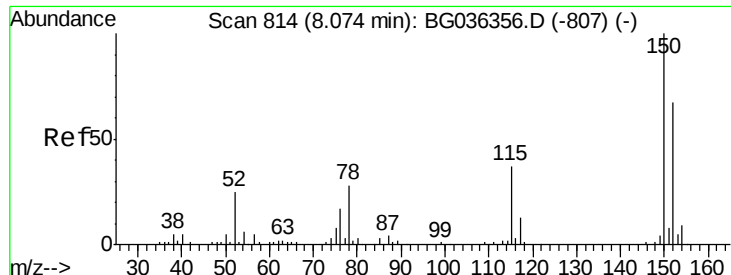
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58493	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	244650	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	159650	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	414174	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	421701	20.00	ng	-0.01
86) Perylene-d12	24.89	264	345562	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	376457	102.09	ng	0.00
7) Phenol-d6	7.21	99	476863	90.32	ng	-0.01
23) Nitrobenzene-d5	9.21	82	373871	82.91	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	207226	108.78	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	860584	76.97	ng	-0.01
78) Terphenyl-d14	20.03	244	1483412	82.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	47944	12.151	ng	# 73
50) 2,6-Dinitrotoluene	14.67	165	21217	7.909	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	21217	6.069	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	14271	2.943	ng	# 1

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

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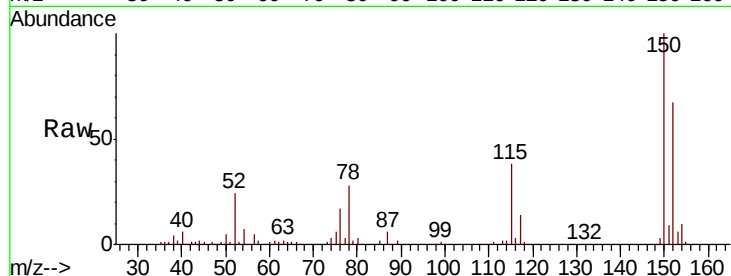
Quant Time: Sep 12 18:12:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
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QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036675.D
 Acq: 12 Sep 2018 16:28

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	119.5	179.3
115	56.8	44.5	66.7

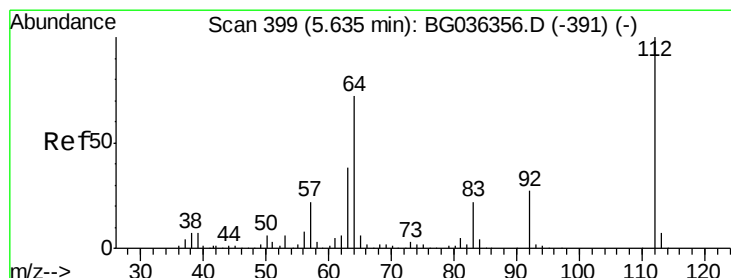
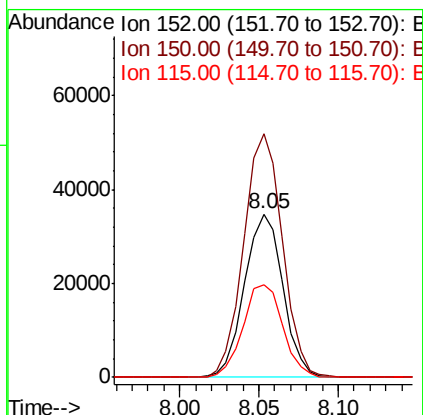
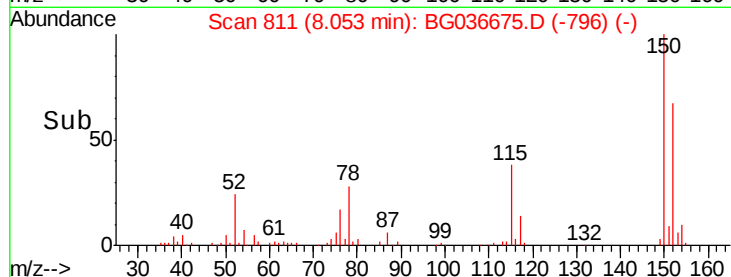


Abundance

Ion 152.00 (151.70 to 152.70): E

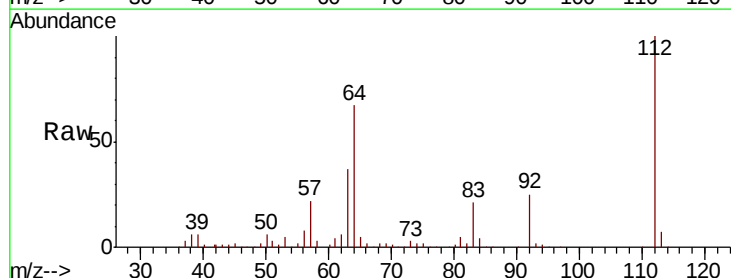
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 102.093 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036675.D
 Acq: 12 Sep 2018 16:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	57.2	85.8
63	36.9	30.8	46.2

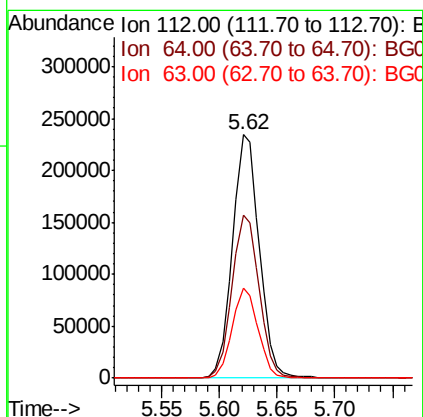
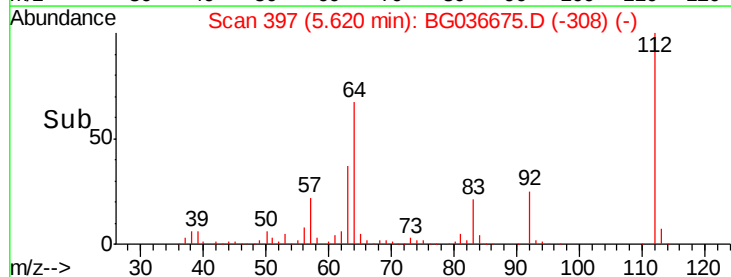


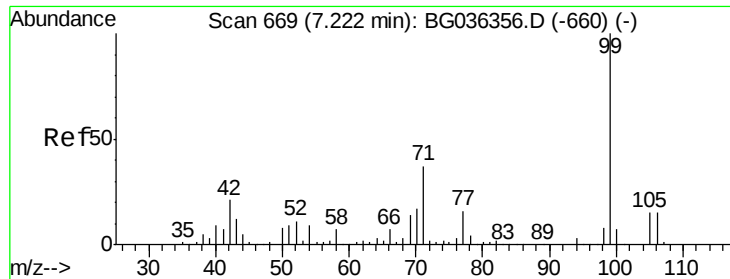
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 90.325 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036675.D

Acq: 12 Sep 2018 16:28

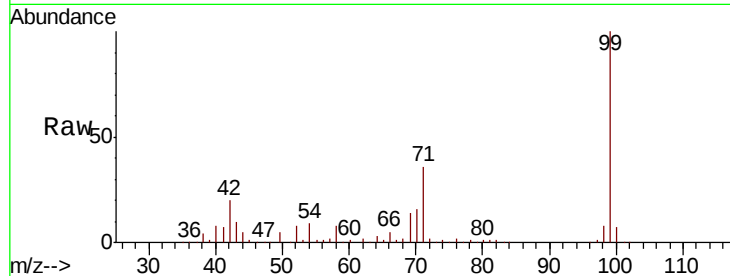
Tot Ion: 99 Resp: 476863

Ion Ratio Lower Upper

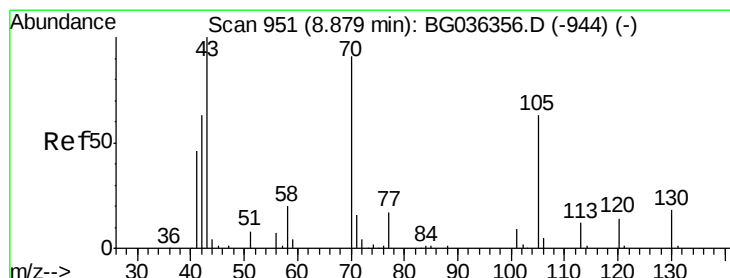
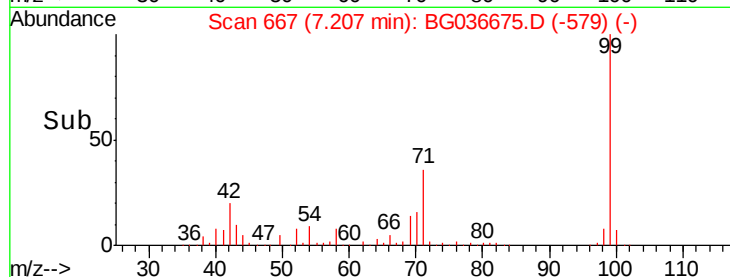
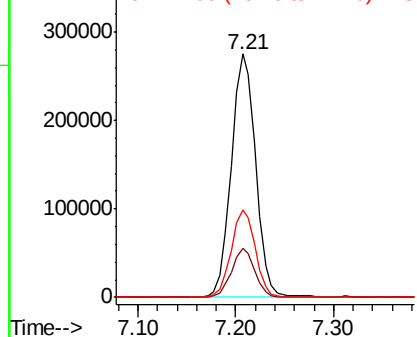
99 100

42 20.0 16.5 24.7

71 35.8 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: 12.151 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036675.D

Acq: 12 Sep 2018 16:28

Tgt Ion: 70 Resp: 47944

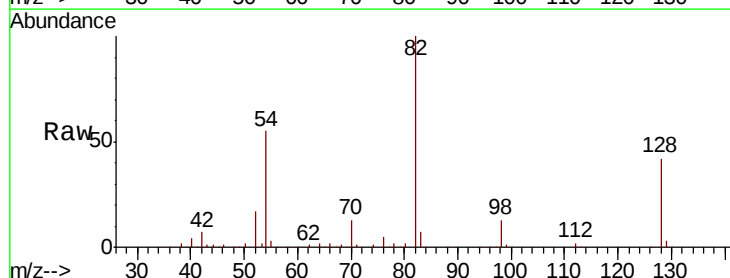
Ion Ratio Lower Upper

70 100

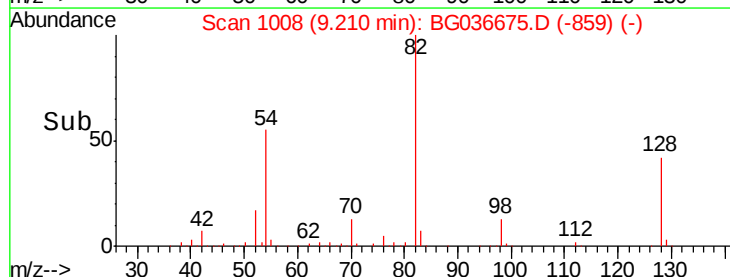
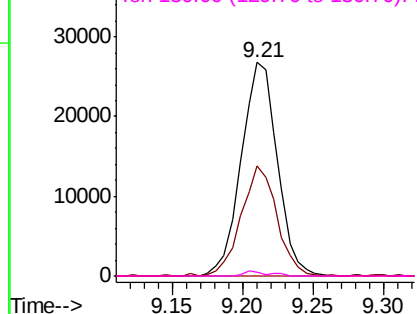
42 51.6 56.2 84.4#

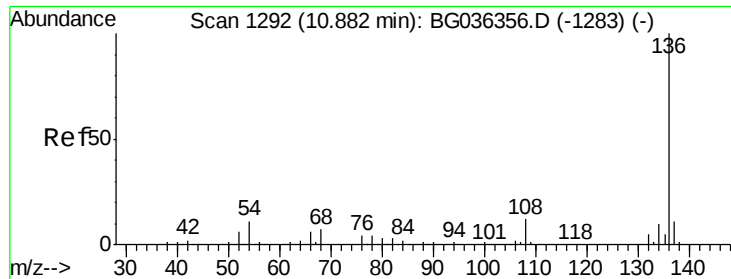
101 0.0 7.8 11.6#

130 1.6 16.2 24.2#



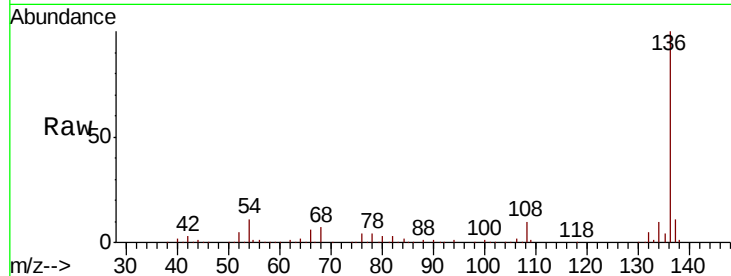
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



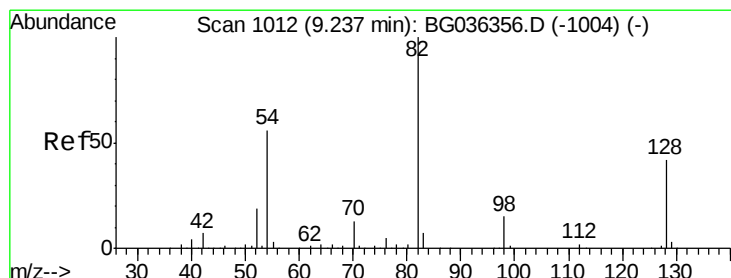
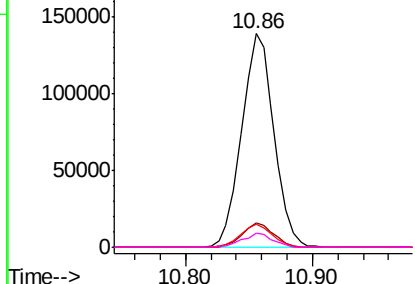
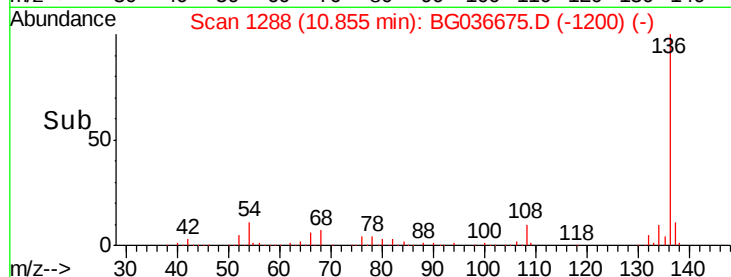


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036675.D
Acq: 12 Sep 2018 16:28

Tot Ion:136	Resp:	244650
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 10.6	9.2	13.8
68 6.7	5.8	8.6

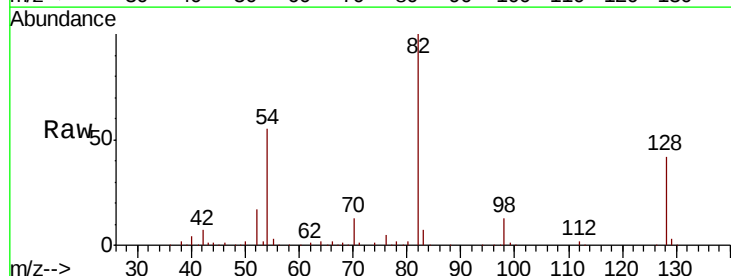


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

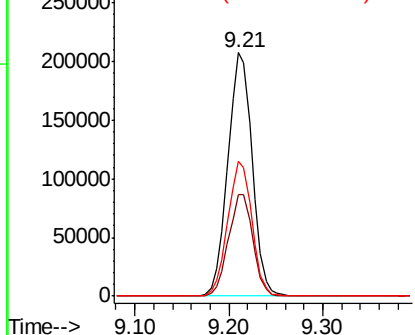
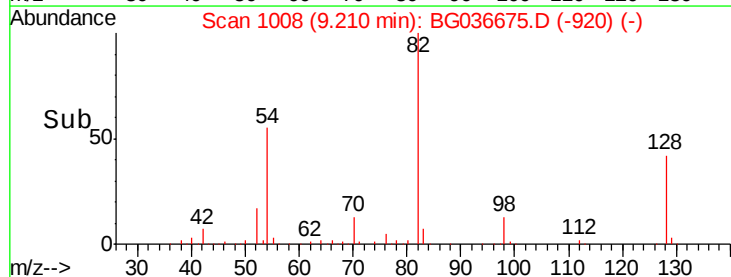


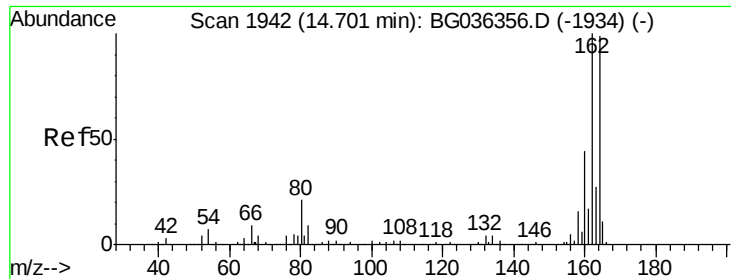
#23
Nitrobenzene-d5
Concen: 82.914 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036675.D
Acq: 12 Sep 2018 16:28

Tgt	Ion: 82	Resp:	373871
Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.3	49.9
54	55.3	45.1	67.7



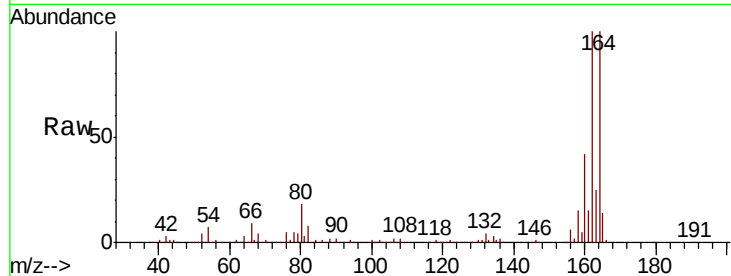
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



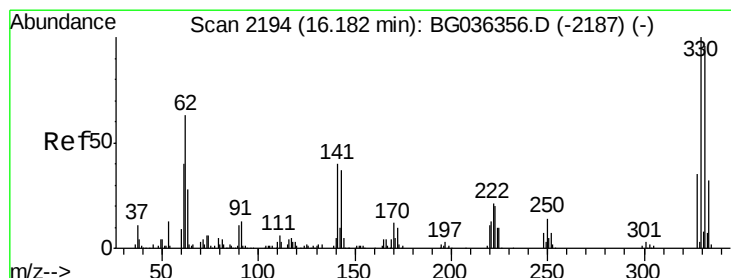
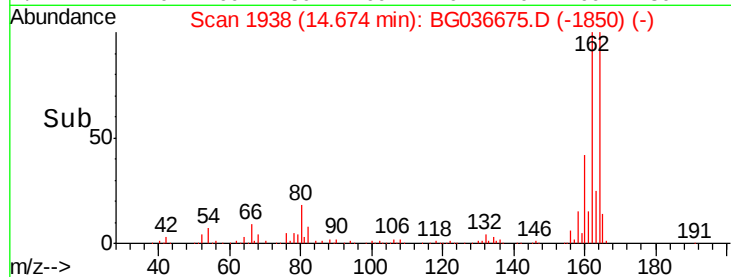
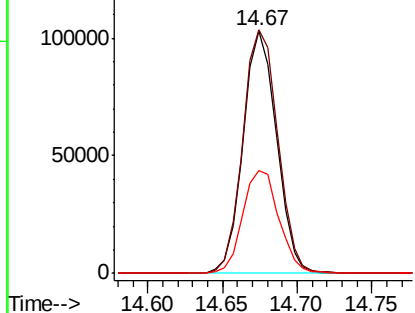


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036675.D
Acq: 12 Sep 2018 16:28

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.7	121.1
160	42.6	35.3	52.9

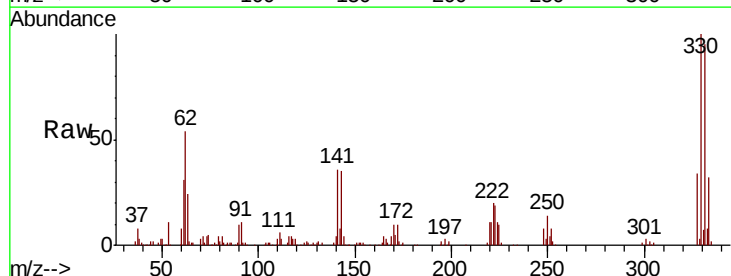


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

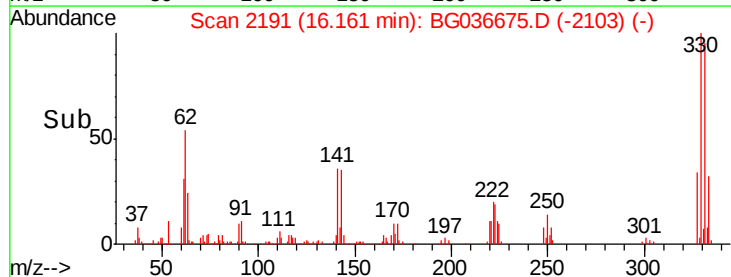
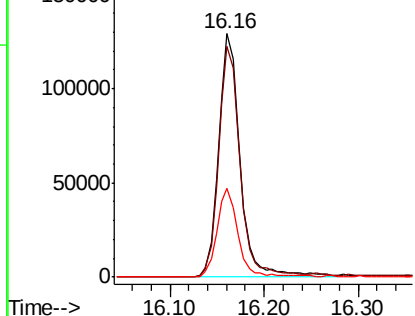


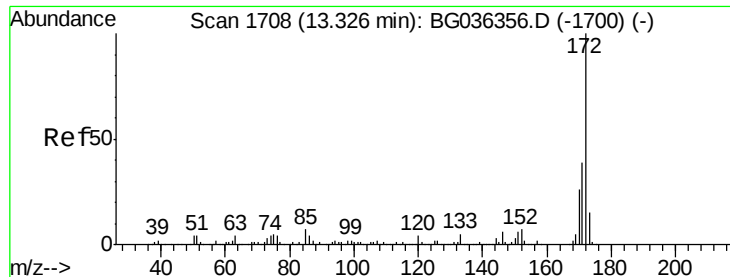
#41
2,4,6-Tribromophenol
Concen: 108.781 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036675.D
Acq: 12 Sep 2018 16:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	75.4	113.2
141	35.8	30.7	46.1



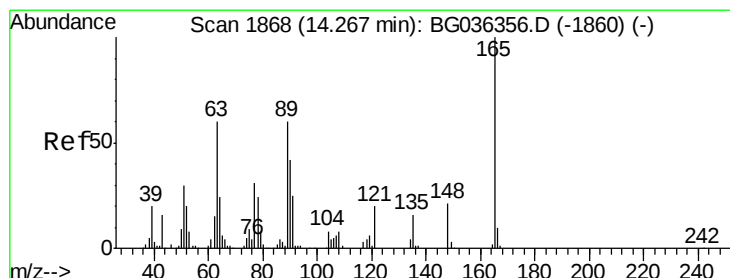
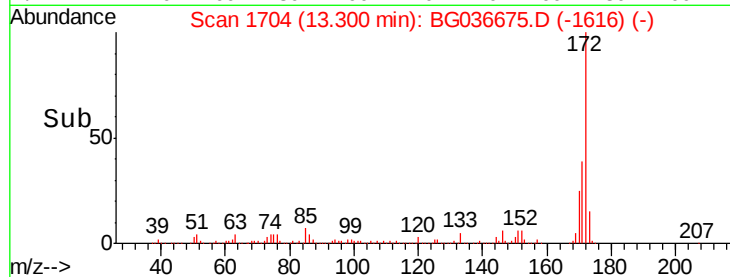
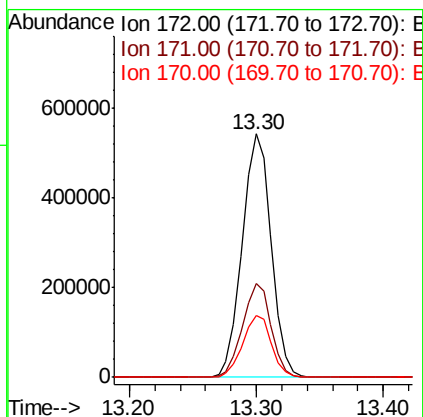
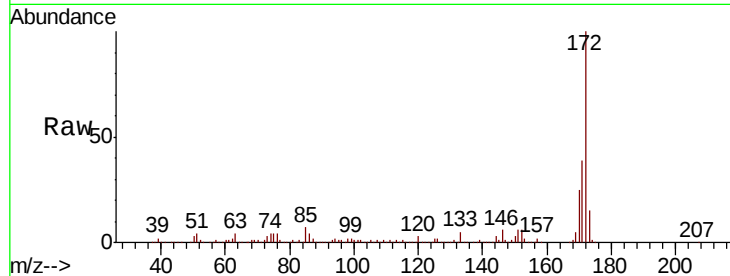
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





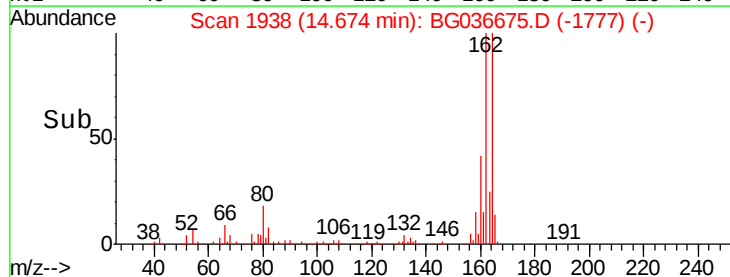
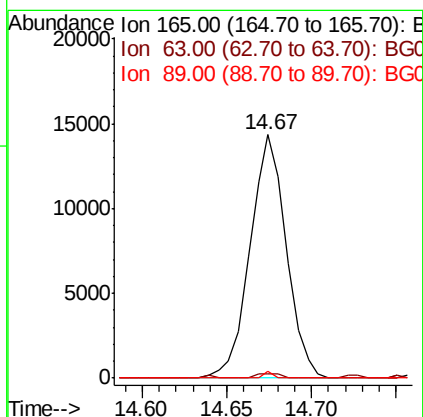
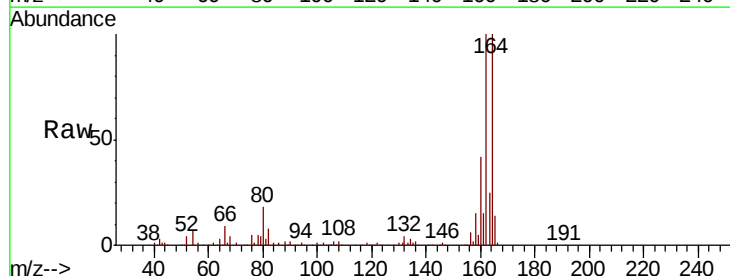
#44
 2-Fluorobiphenyl
 Concen: 76.966 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036675.D
 Acq: 12 Sep 2018 16:28

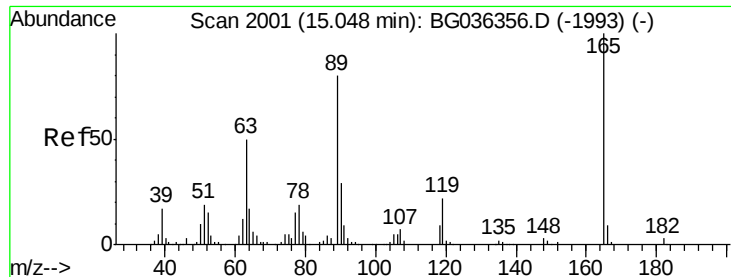
Tot Ion:	172	Resp:	860584
Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.3	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.909 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036675.D
 Acq: 12 Sep 2018 16:28

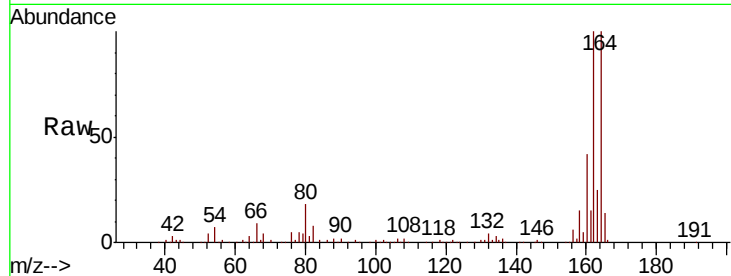
Tgt Ion:	165	Resp:	21217
Ion	Ratio	Lower	Upper
165	100		
63	1.8	50.1	75.1#
89	2.6	47.8	71.6#





#56
 2,4-Dinitrotoluene
 Concen: 6.069 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036675.D
 Acq: 12 Sep 2018 16:28

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.1	60.1#
89	2.6	63.7	95.5#
182	0.0	2.5	3.7#

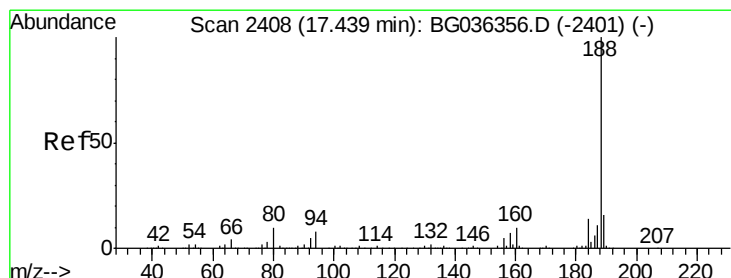
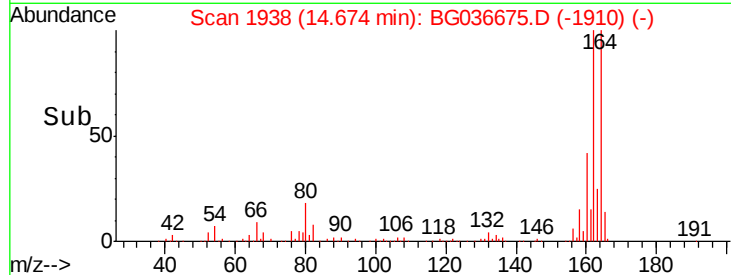
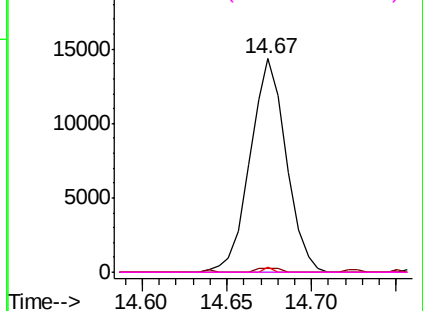


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



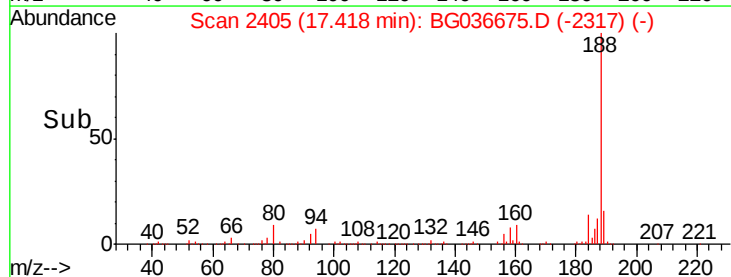
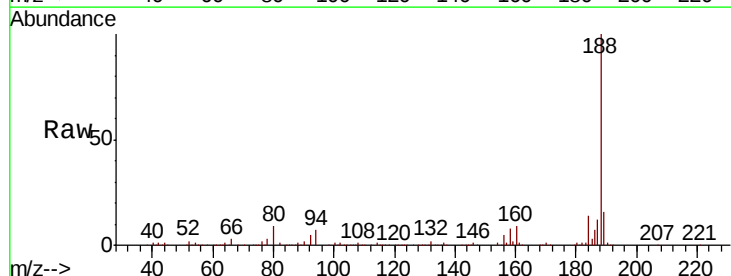
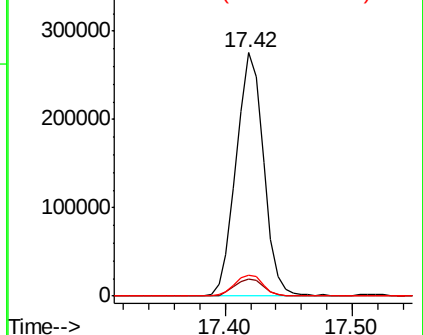
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036675.D
 Acq: 12 Sep 2018 16:28

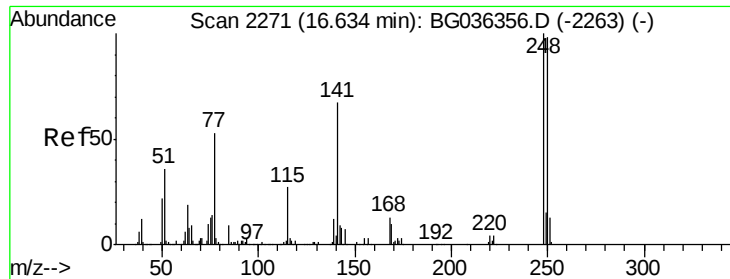
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.7	10.1
80	8.8	8.1	12.1

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





#66

4-Bromophenyl-phenylether

Concen: 2.943 ng

RT: 16.16 min Scan# 2191

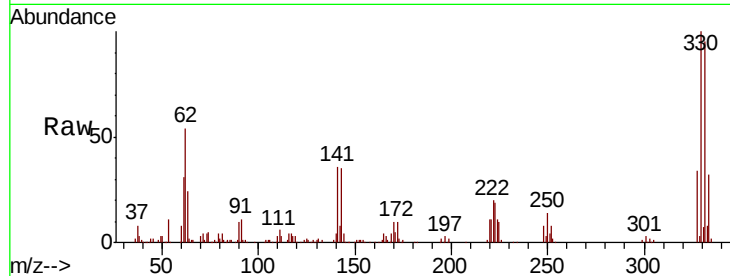
Delta R.T. -0.46 min

Lab File: BG036675.D

Acq: 12 Sep 2018 16:28

Tot Ion:248 Resp: 14271

Ion	Ratio	Lower	Upper
248	100		
250	174.3	78.1	117.1#
141	466.2	53.7	80.5#

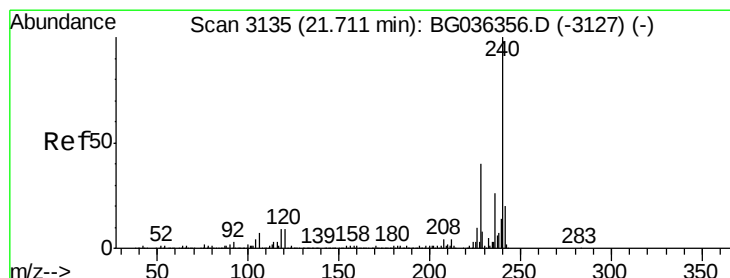
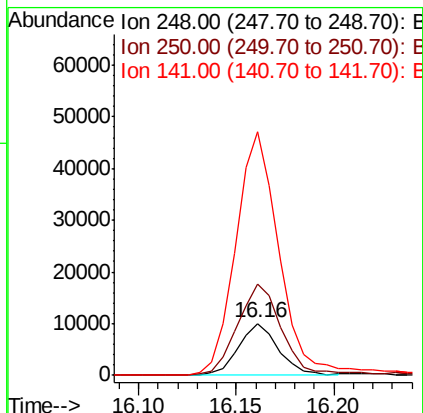
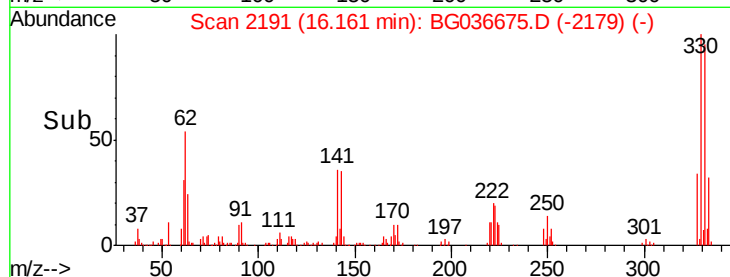


Abundance

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

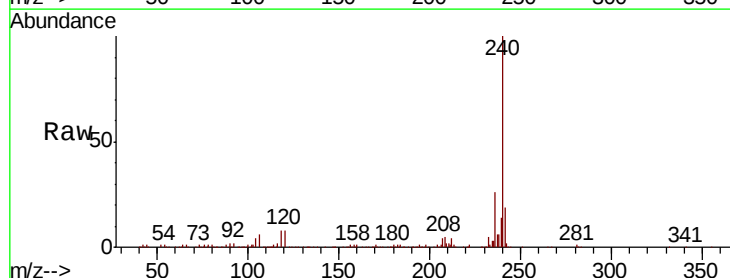
Delta R.T. -0.01 min

Lab File: BG036675.D

Acq: 12 Sep 2018 16:28

Tgt Ion:240 Resp: 421701

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.9	10.3
236	26.5	21.2	31.8

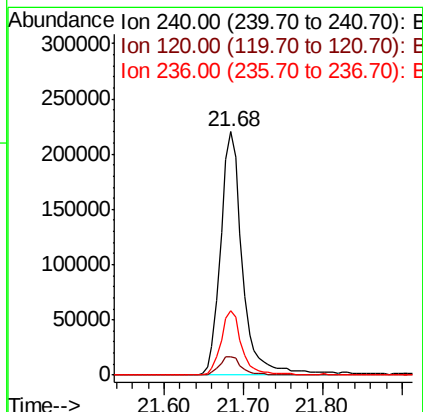
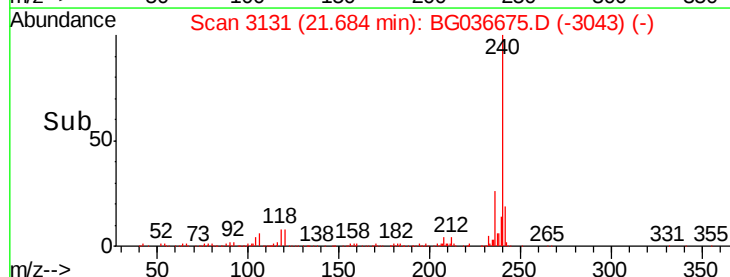


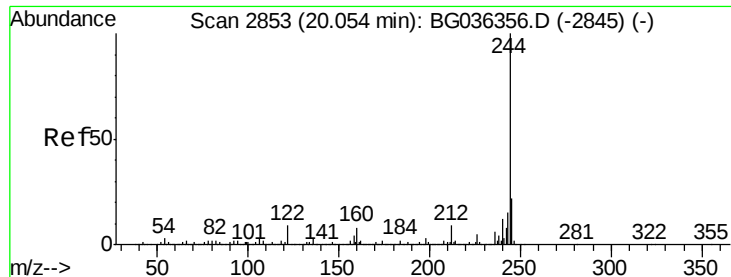
Abundance

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: 82.220 ng

RT: 20.03 min Scan# 2849

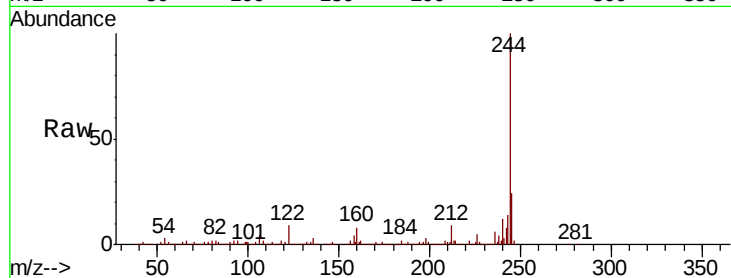
Delta R.T. -0.00 min

Lab File: BG036675.D

Acq: 12 Sep 2018 16:28

Tot Ion:244 Resp: 1483412

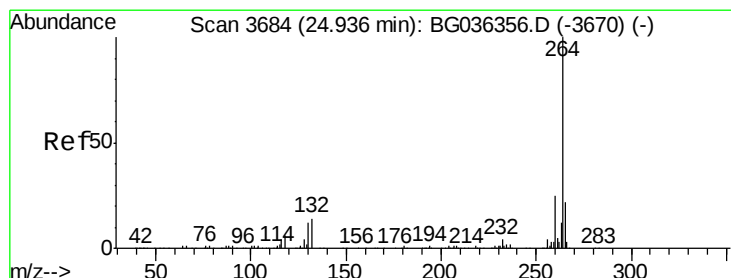
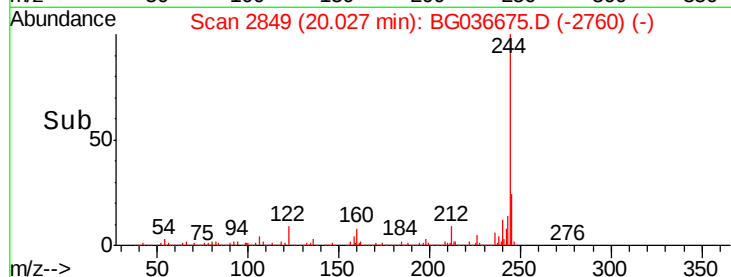
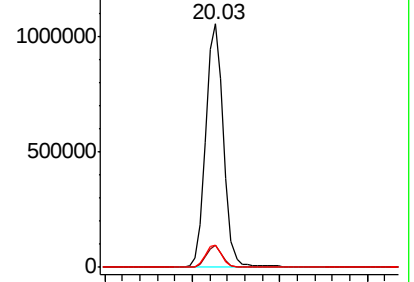
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	9.3	7.1	10.7



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

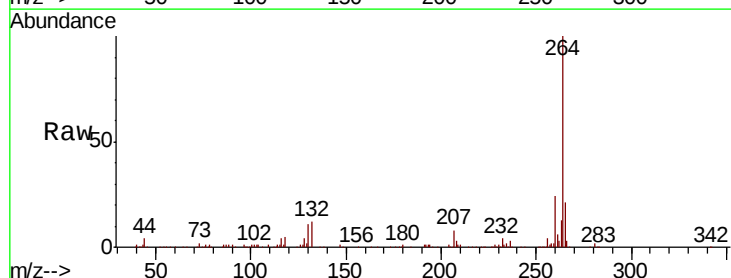
Delta R.T. -0.01 min

Lab File: BG036675.D

Acq: 12 Sep 2018 16:28

Tgt Ion:264 Resp: 345562

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.4	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

