

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037355.D
 Acq On : 16 Oct 2018 6:17
 Operator : JU/SJ
 Sample : J5511-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

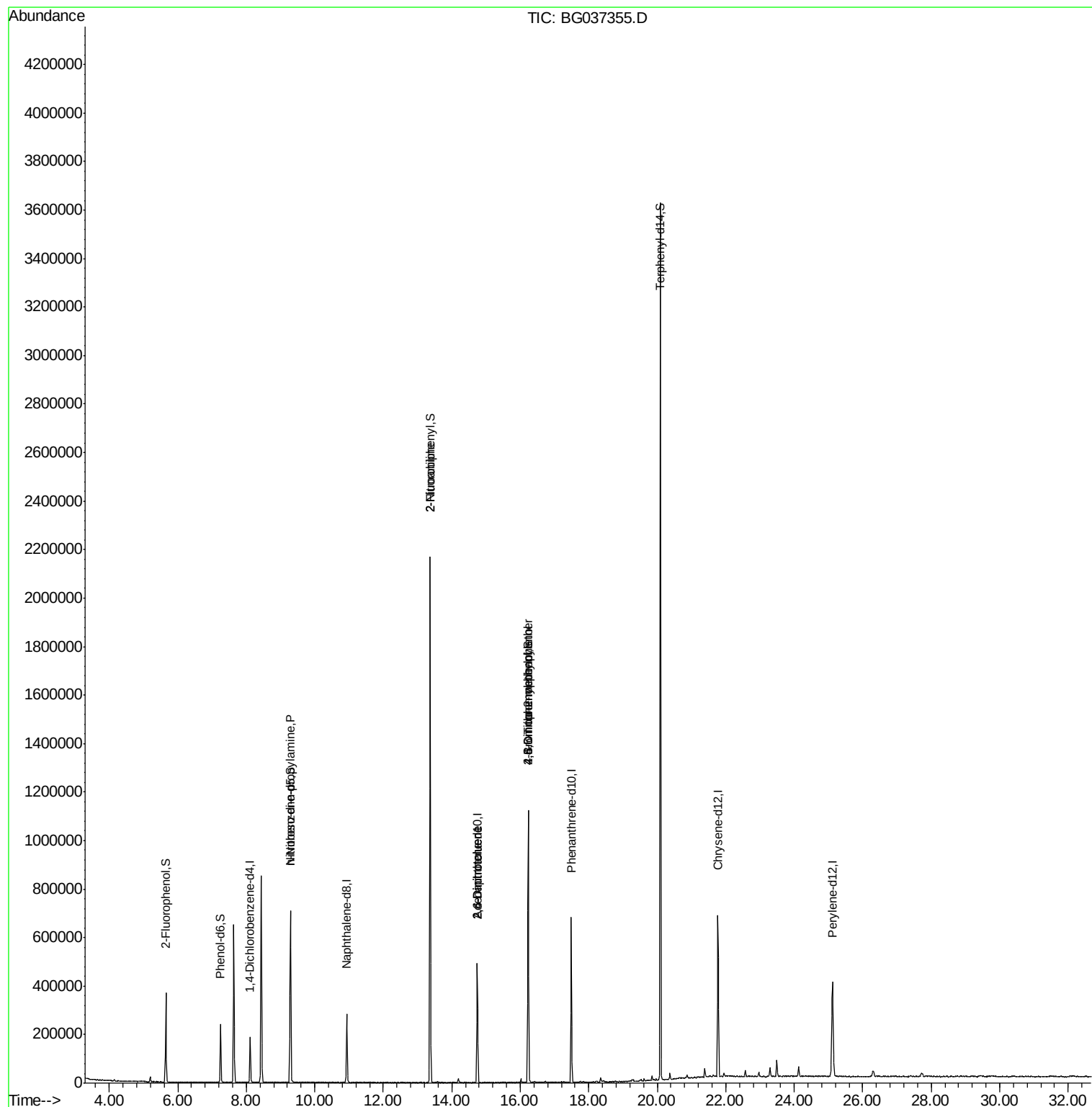
Quant Time: Oct 16 07:35:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

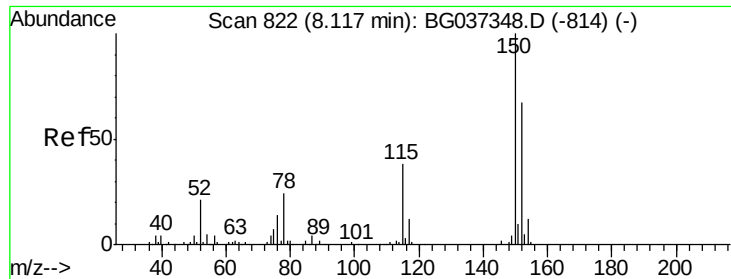
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	56674	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	254987	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	171444	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	436161	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	414008	20.00	ng	-0.02
87) Perylene-d12	25.12	264	412043	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	172125	53.45	ng	0.00
7) Phenol-d6	7.25	99	149232	30.53	ng	0.00
23) Nitrobenzene-d5	9.29	82	452795	116.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	200285	119.12	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1148240	100.58	ng	-0.01
79) Terphenyl-d14	20.09	244	1687891	85.61	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	57166	15.448	ng	# 69
48) 2-Nitroaniline	13.38	65	2003	6.366	ng	# 13
51) 2,6-Dinitrotoluene	14.74	165	21931	12.351	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	21931	11.218	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	479	6.253	ng	81
67) 4-Bromophenyl-phenylether	16.23	248	14891	3.163	ng	# 1

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

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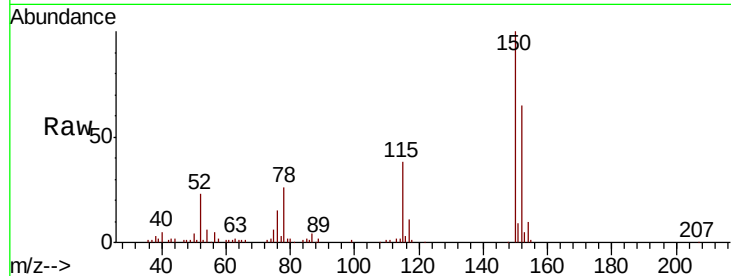




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037355.D
Acq: 16 Oct 2018 6:17

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.0	189.0
115	58.1	45.5	68.3

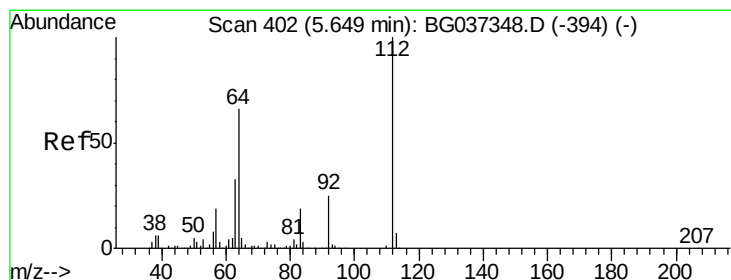
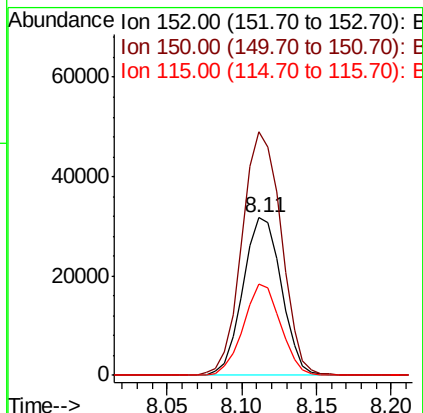
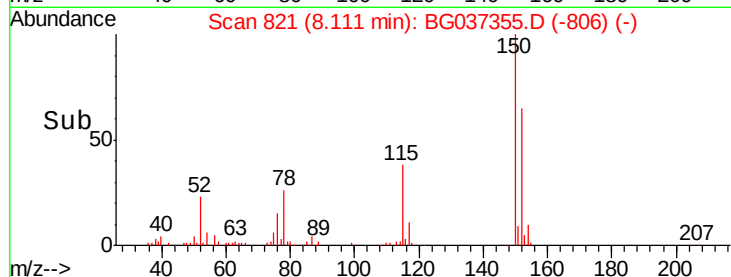


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

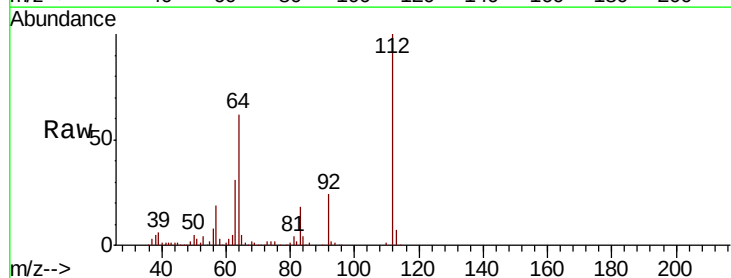
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 53.450 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037355.D
Acq: 16 Oct 2018 6:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	53.1	79.7
63	31.3	27.3	40.9

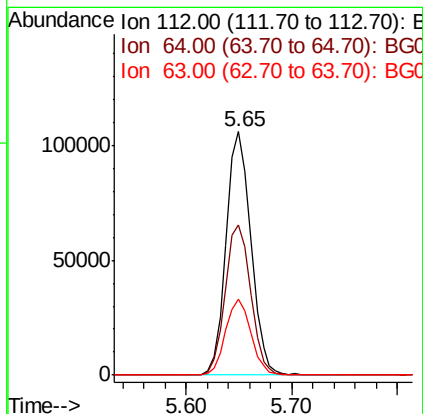
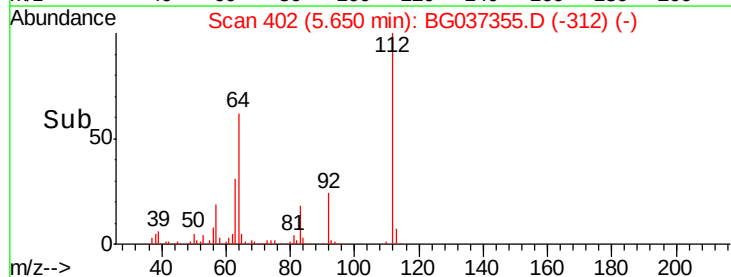


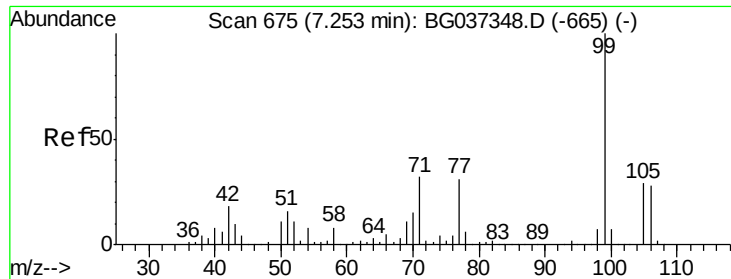
Abundance

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: 30.531 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037355.D

Acq: 16 Oct 2018 6:17

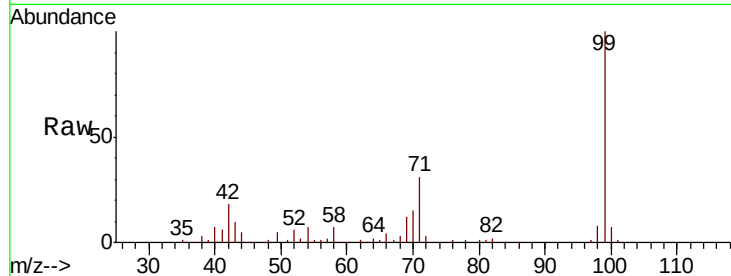
Tot Ion: 99 Resp: 149232

Ion Ratio Lower Upper

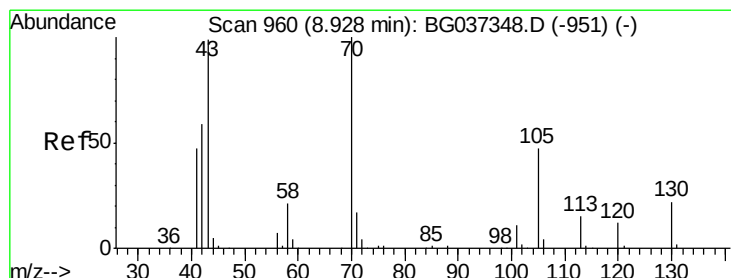
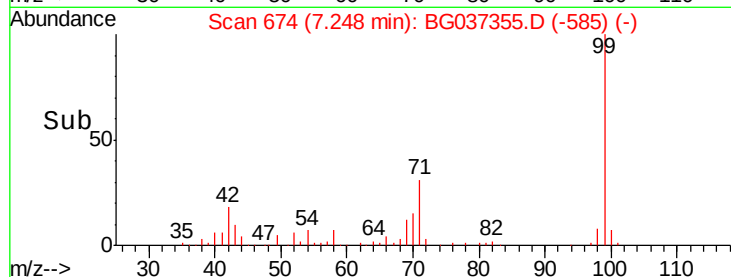
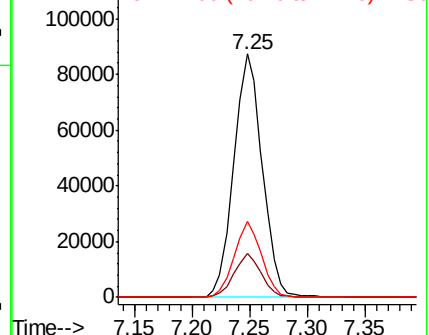
99 100

42 17.8 15.0 22.4

71 31.1 25.5 38.3



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: 15.448 ng

RT: 9.29 min Scan# 1021

Delta R.T. 0.36 min

Lab File: BG037355.D

Acq: 16 Oct 2018 6:17

Tgt Ion: 70 Resp: 57166

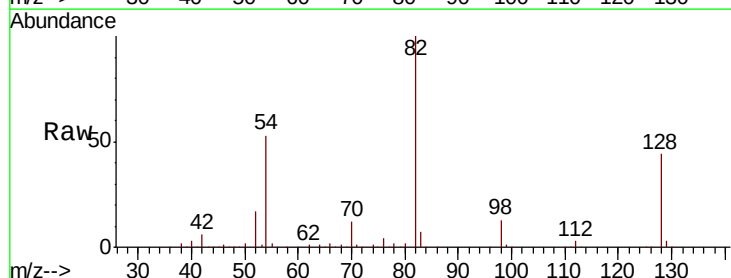
Ion Ratio Lower Upper

70 100

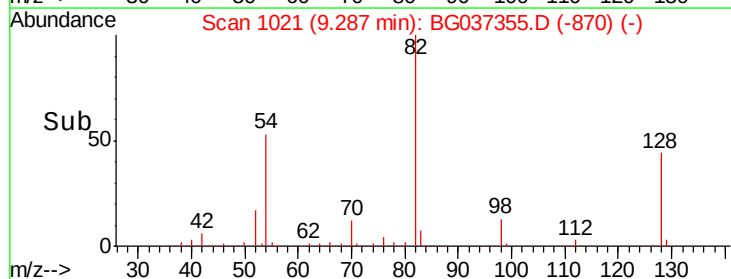
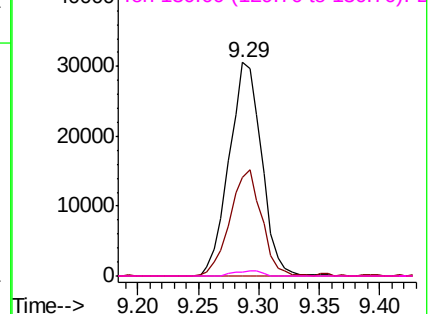
42 45.9 53.9 80.9#

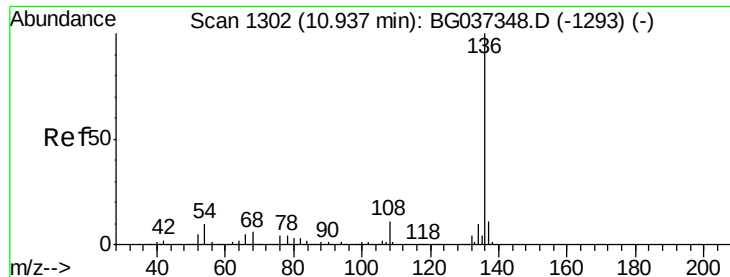
101 0.0 8.2 12.2#

130 2.0 18.2 27.4#



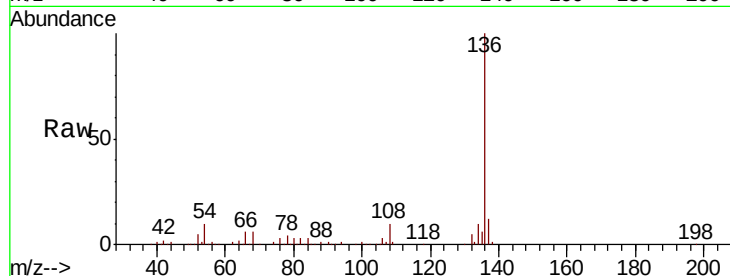
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



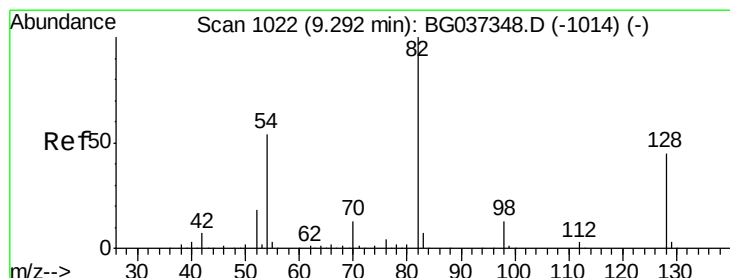
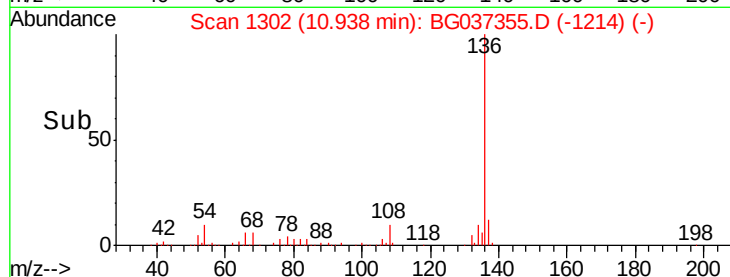
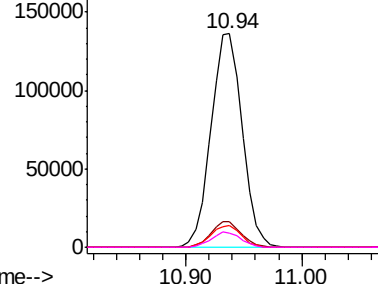


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037355.D
Acq: 16 Oct 2018 6:17

Tot Ion:136	Resp:	254987
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.6 14.4
54	10.4	7.9 11.9
68	6.4	4.8 7.2

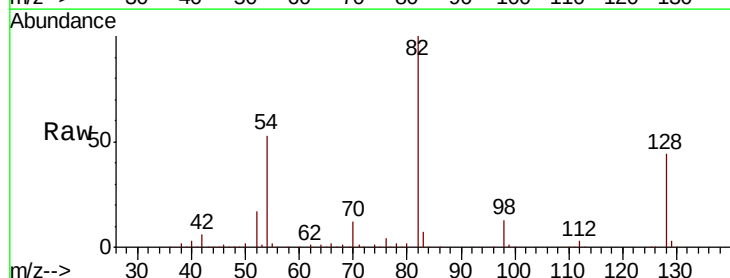


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

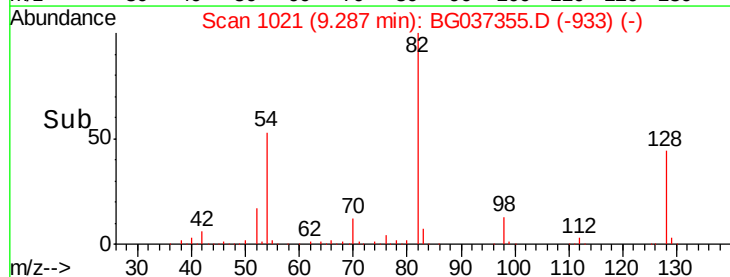
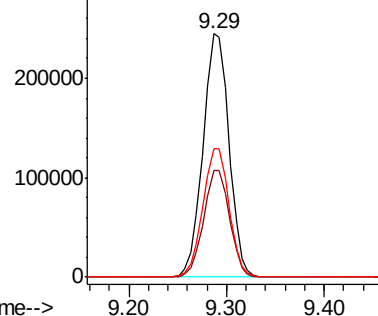


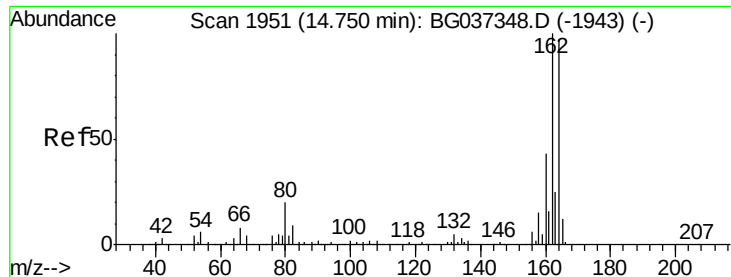
#23
Nitrobenzene-d5
Concen: 116.747 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037355.D
Acq: 16 Oct 2018 6:17

Tgt Ion: 82	Resp:	452795
Ion Ratio	Lower	Upper
82	100	
128	43.9	34.6 51.8
54	52.8	45.3 67.9



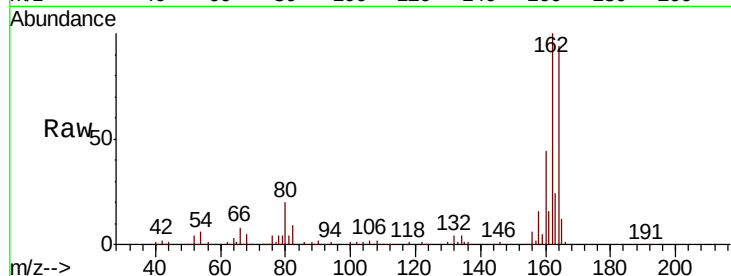
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



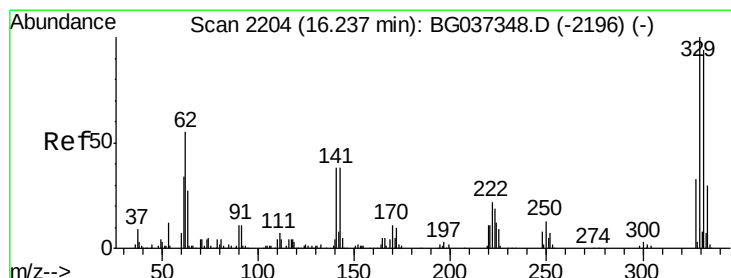
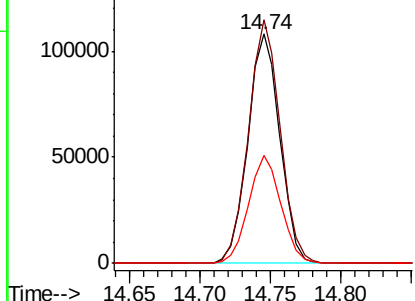
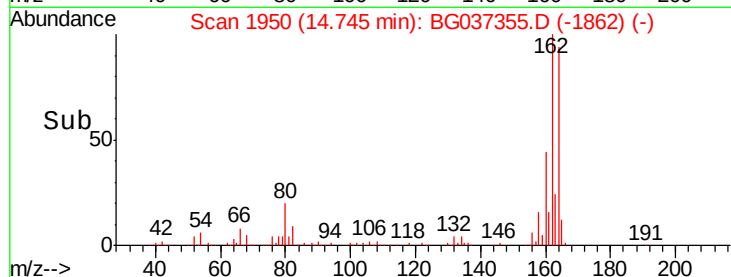


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037355.D
Acq: 16 Oct 2018 6:17

Tot Ion:164 Resp: 171444
Ion Ratio Lower Upper
164 100
162 106.3 81.3 121.9
160 47.0 36.3 54.5

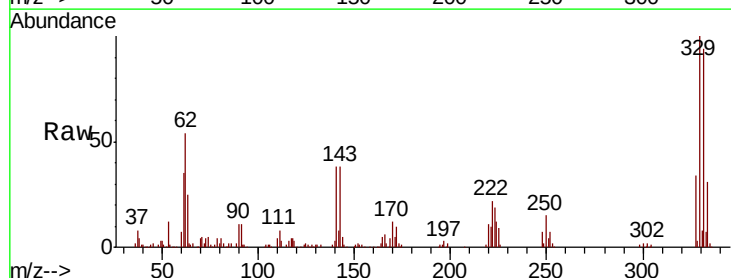


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

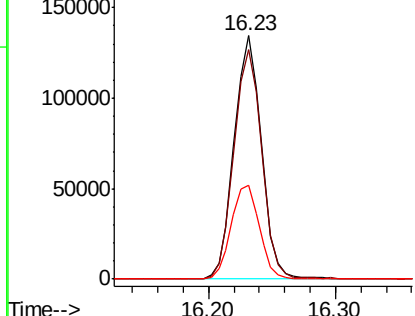
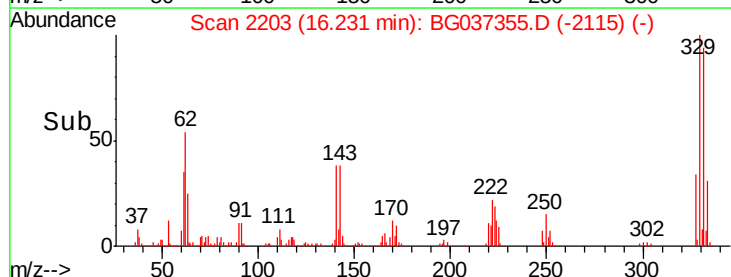


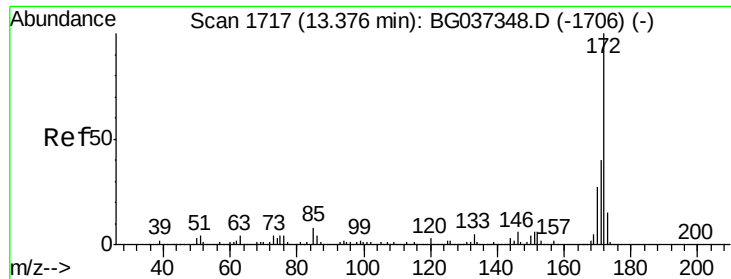
#42
2,4,6-Tribromophenol
Concen: 119.119 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037355.D
Acq: 16 Oct 2018 6:17

Tgt Ion:330 Resp: 200285
Ion Ratio Lower Upper
330 100
332 96.8 78.4 117.6
141 40.1 32.2 48.2



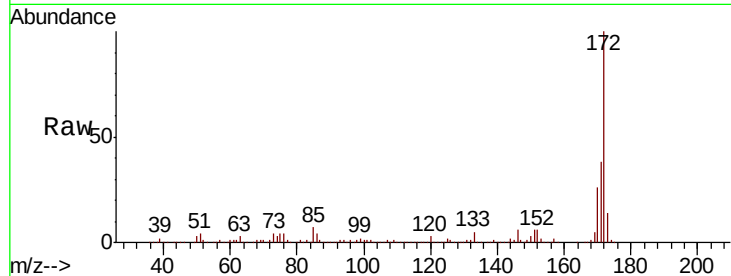
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



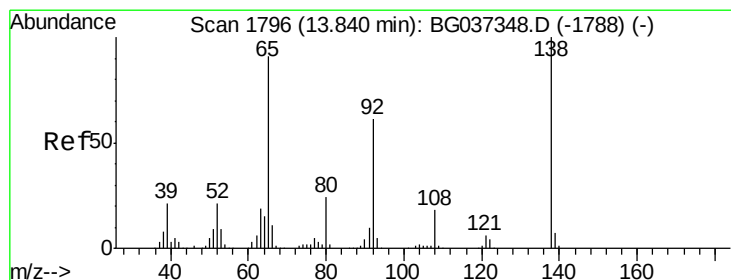
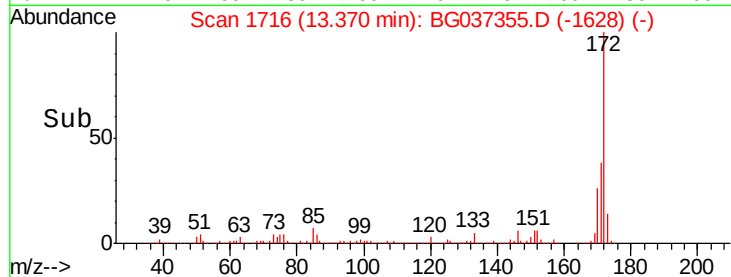
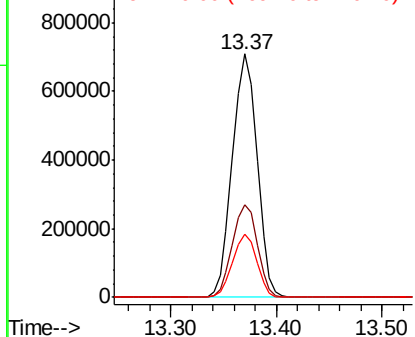


#45
2-Fluorobiphenyl
Concen: 100.580 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037355.D
Acq: 16 Oct 2018 6:17

Tot Ion:172 Resp: 1148240
Ion Ratio Lower Upper
172 100
171 38.1 31.0 46.4
170 26.0 20.2 30.2

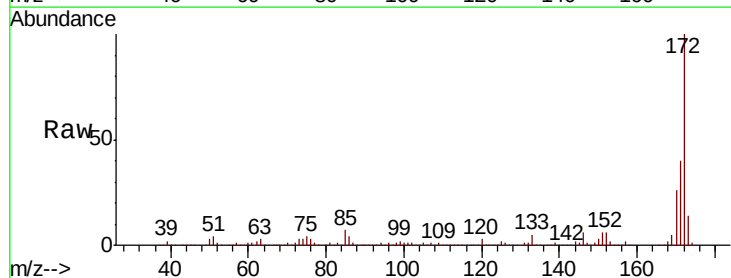


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

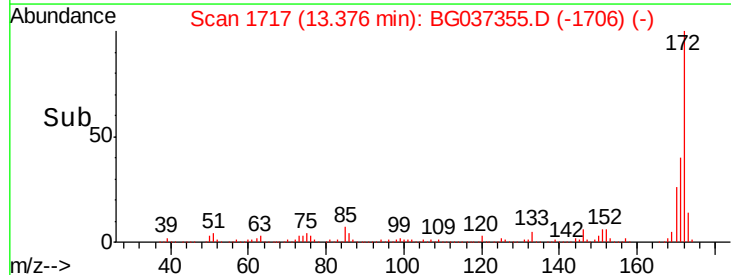
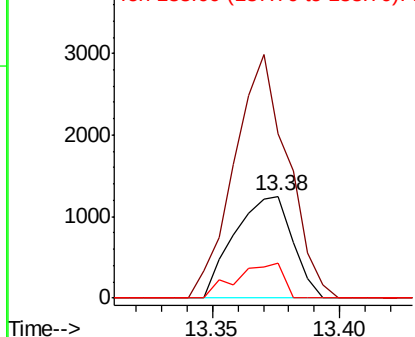


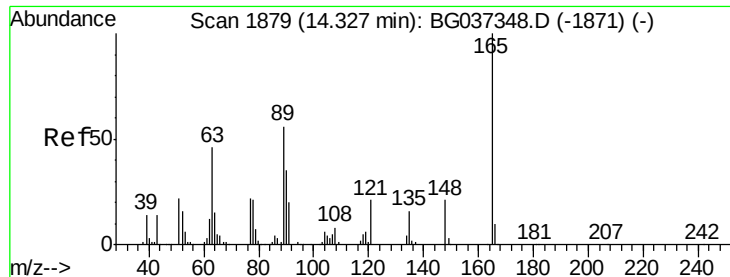
#48
2-Nitroaniline
Concen: 6.366 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.46 min
Lab File: BG037355.D
Acq: 16 Oct 2018 6:17

Tgt Ion: 65 Resp: 2003
Ion Ratio Lower Upper
65 100
92 161.2 53.2 79.8#
138 34.3 79.3 118.9#



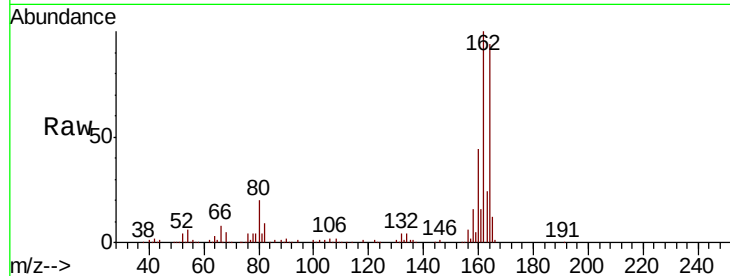
Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#51
 2,6-Dinitrotoluene
 Concen: 12.351 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. 0.41 min
 Lab File: BG037355.D
 Acq: 16 Oct 2018 6:17

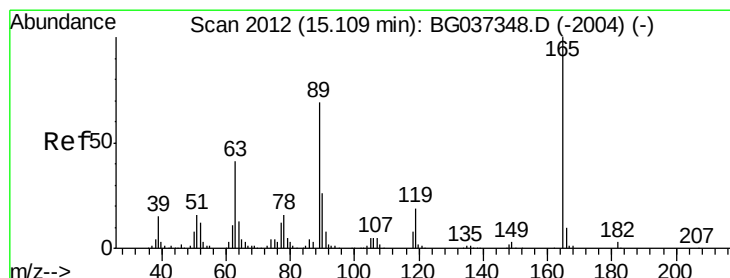
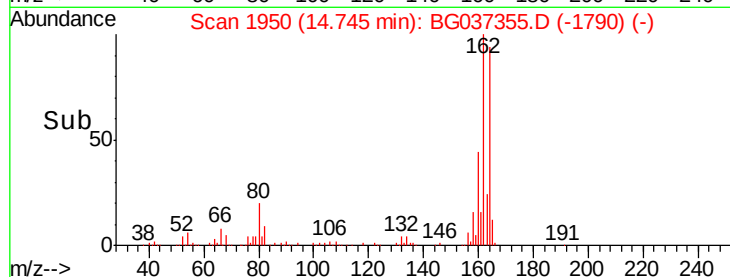
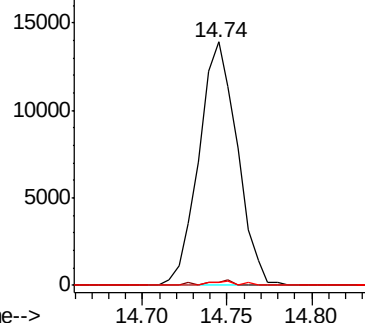
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.2#
89	1.4	45.8	68.6#



Abundance Ion 165.00 (164.70 to 165.70): E

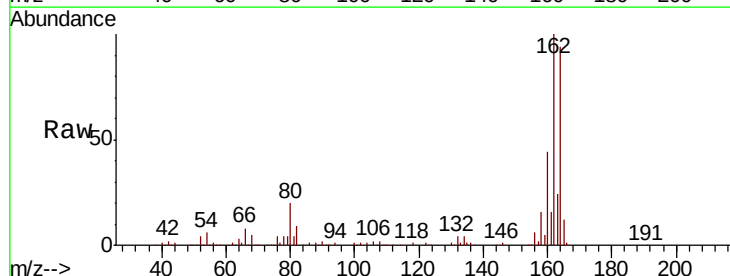
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57
 2,4-Dinitrotoluene
 Concen: 11.218 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037355.D
 Acq: 16 Oct 2018 6:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#

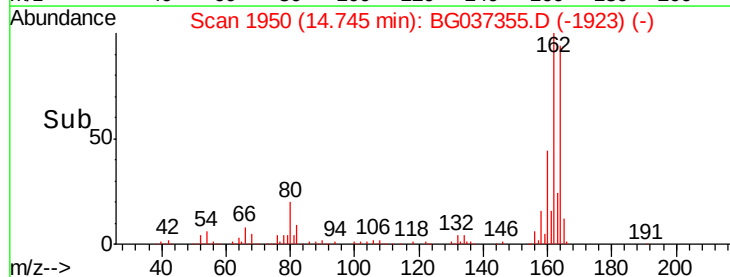
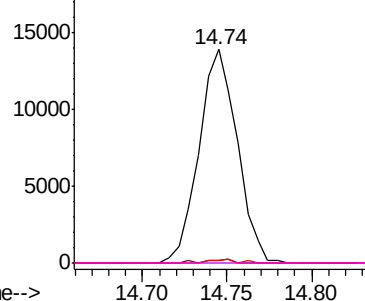


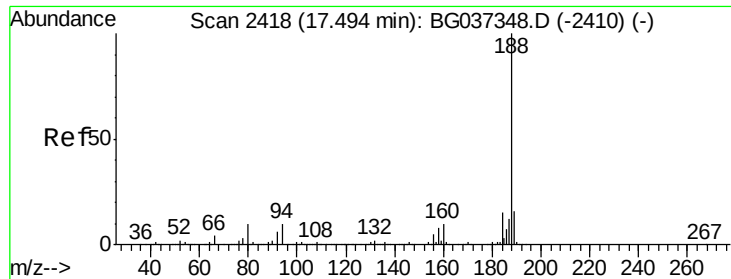
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037355.D

Acq: 16 Oct 2018 6:17

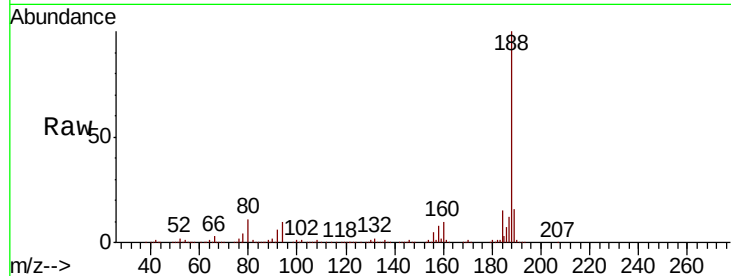
Tot Ion:188 Resp: 436161

Ion Ratio Lower Upper

188 100

94 10.2 7.2 10.8

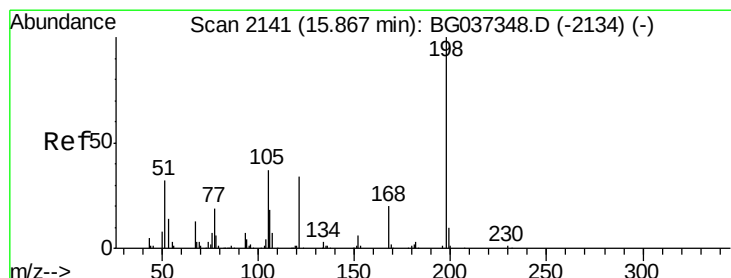
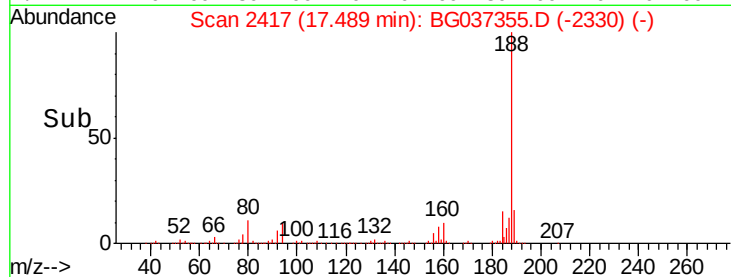
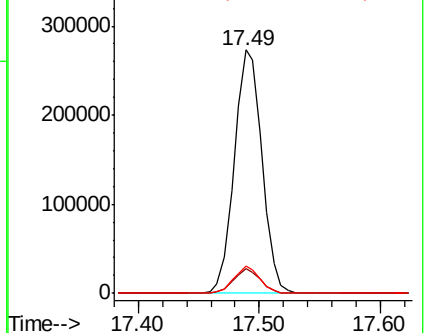
80 11.0 7.7 11.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.253 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.36 min

Lab File: BG037355.D

Acq: 16 Oct 2018 6:17

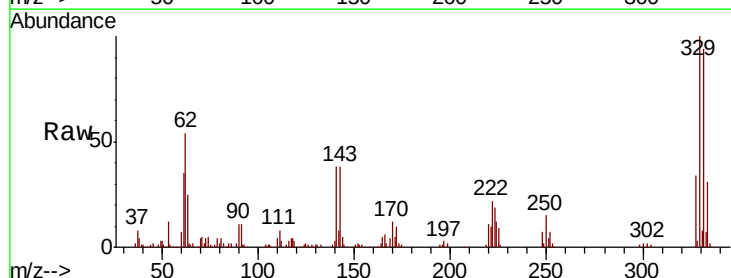
Tgt Ion:198 Resp: 479

Ion Ratio Lower Upper

198 100

51 27.4 22.7 62.7

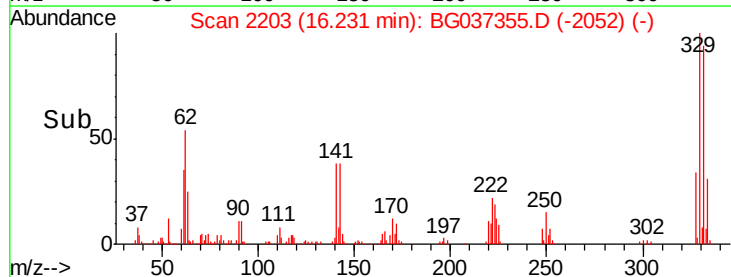
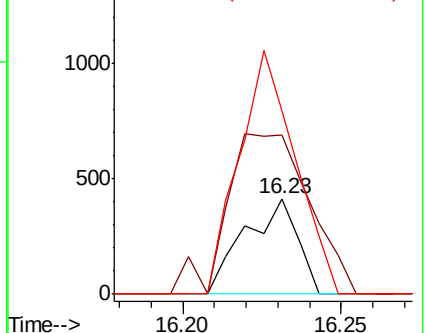
105 31.7 19.7 59.7

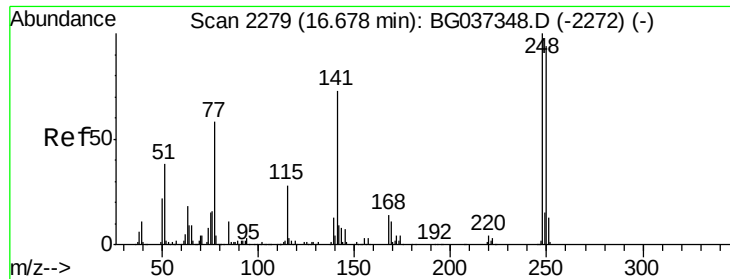


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

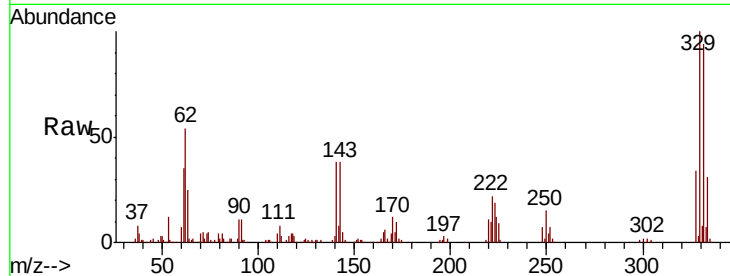
Ion 105.00 (104.70 to 105.70): E



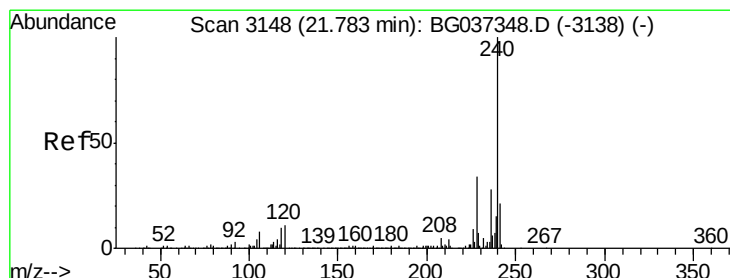
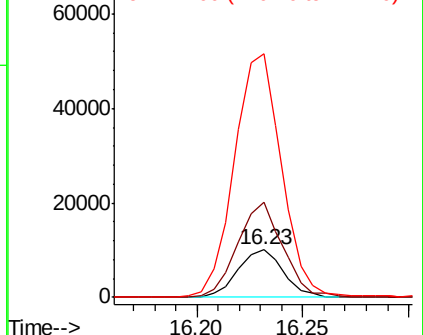
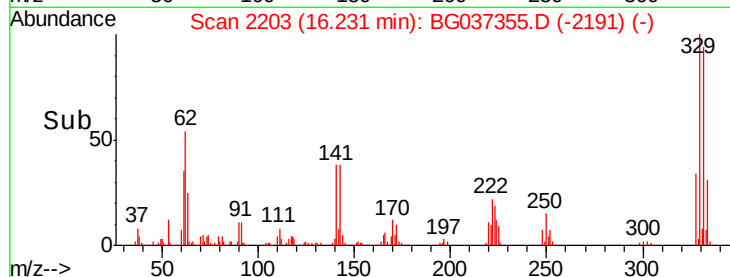


#67
 4-Bromophenyl-phenylether
 Concen: 3.163 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.46 min
 Lab File: BG037355.D
 Acq: 16 Oct 2018 6:17

Tot Ion	Ion	Ratio	Lower	Upper
248	100			
250	196.1	77.0	115.6#	
141	392.4	55.5	83.3#	

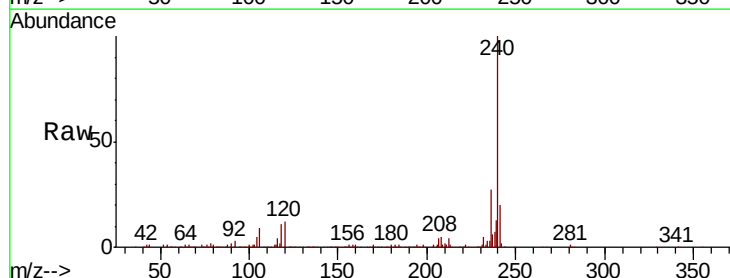


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

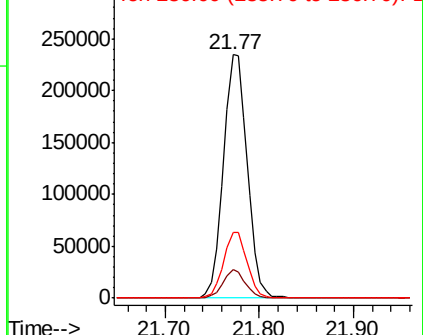
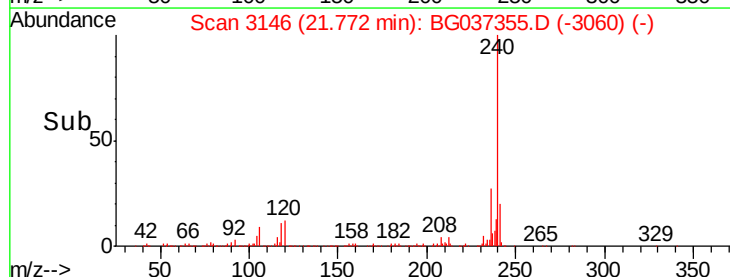


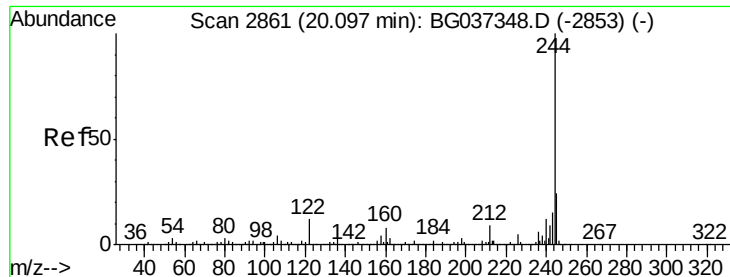
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.02 min
 Lab File: BG037355.D
 Acq: 16 Oct 2018 6:17

Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	11.6	8.1	12.1	
236	27.0	21.4	32.0	



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





#79

Terphenyl-d14

Concen: 85.606 ng

RT: 20.09 min Scan# 2860

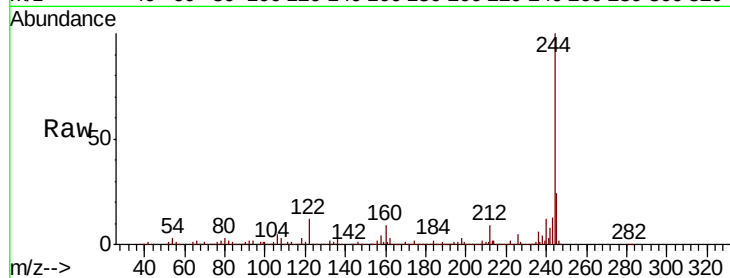
Delta R.T. -0.01 min

Lab File: BG037355.D

Acq: 16 Oct 2018 6:17

Tot Ion:244 Resp: 1687891

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	12.4	9.0	13.4

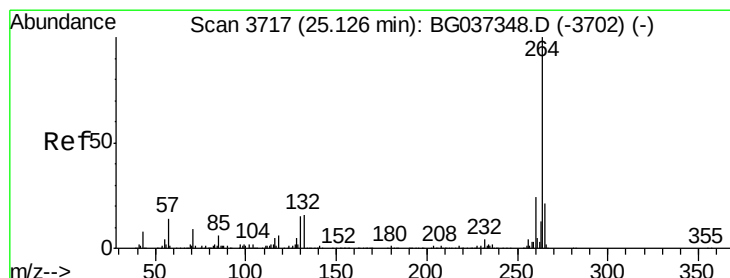
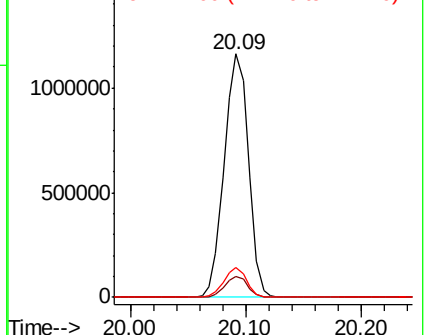
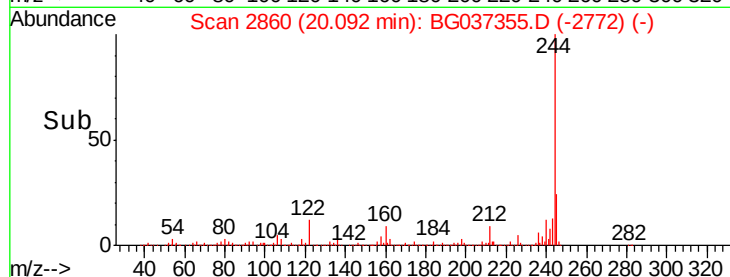


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3715

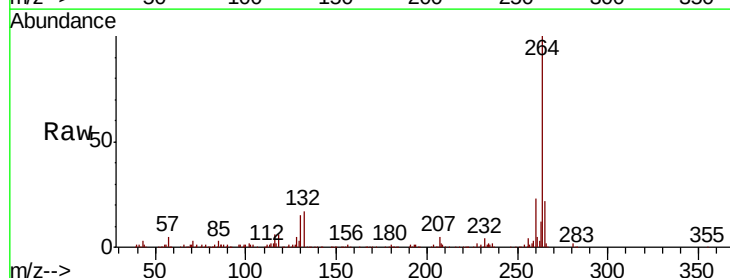
Delta R.T. -0.03 min

Lab File: BG037355.D

Acq: 16 Oct 2018 6:17

Tgt Ion:264 Resp: 412043

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.1	17.9	26.9



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

