

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037343.D
 Acq On : 15 Oct 2018 21:17
 Operator : JU/SJ
 Sample : J5444-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

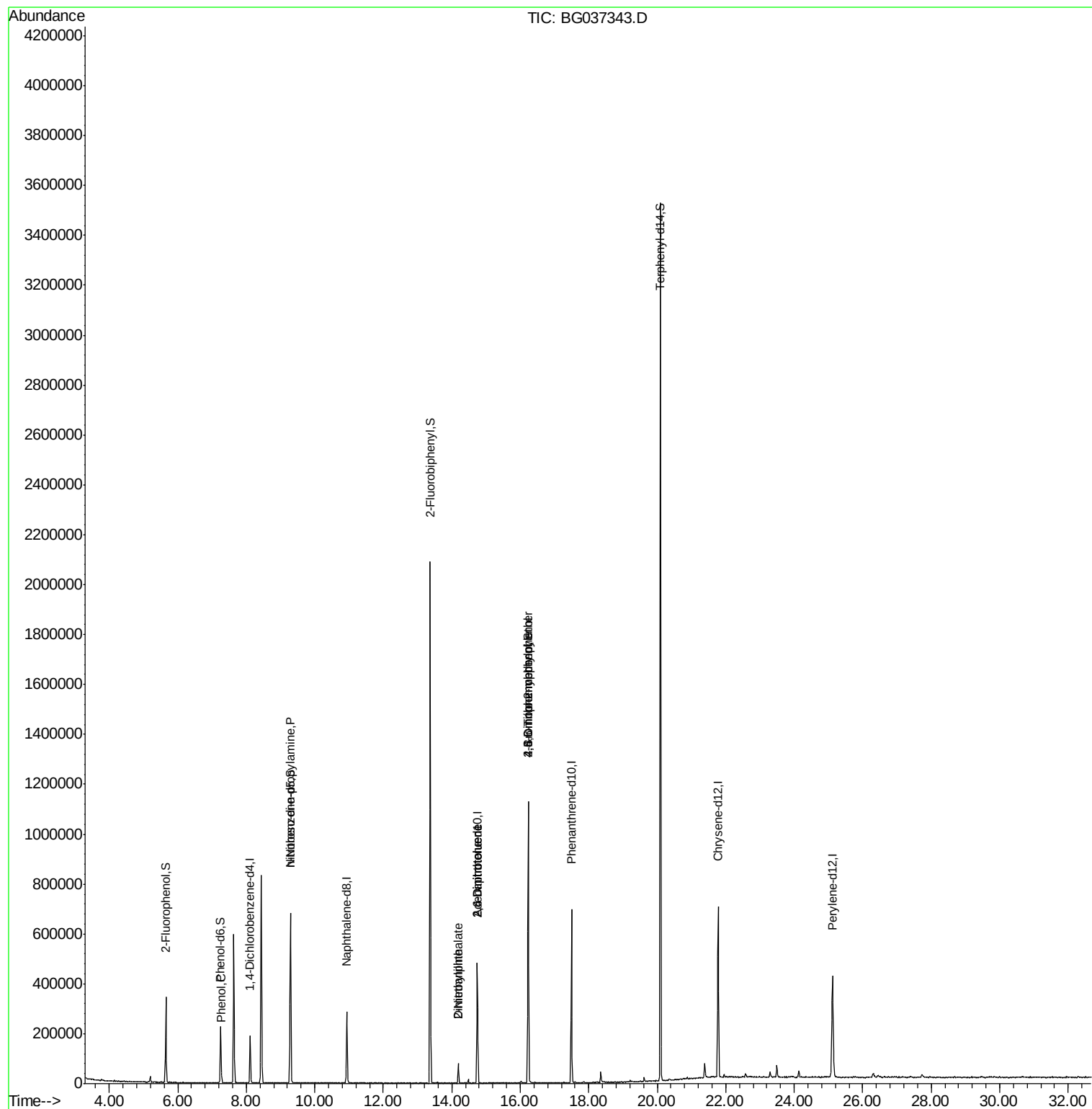
Quant Time: Oct 16 04:18:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

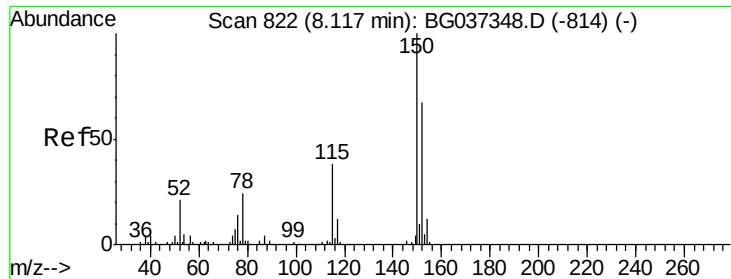
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	56075	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	257150	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	174144	20.00	ng	-0.01
64) Phenanthrene-d10	17.50	188	446948	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	425619	20.00	ng	-0.02
87) Perylene-d12	25.12	264	426440	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	158174	49.64	ng	0.00
7) Phenol-d6	7.25	99	143779	29.73	ng	0.00
23) Nitrobenzene-d5	9.29	82	426125	108.95	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	195314	114.36	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1139361	98.26	ng	-0.01
79) Terphenyl-d14	20.09	244	1686992	83.23	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.28	94	18187	3.571	ng	94
19) n-Nitroso-di-n-propylamine	9.29	70	53139	14.513	ng	# 74
48) 2-Nitroaniline	14.19	65	414	5.879	ng	# 1
50) Dimethylphthalate	14.19	163	54644	3.993	ng	97
51) 2,6-Dinitrotoluene	14.75	165	22627	12.469	ng	# 24
57) 2,4-Dinitrotoluene	14.75	165	22627	11.310	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	707	6.388	ng	90
67) 4-Bromophenyl-phenylether	16.23	248	14579	3.022	ng	# 1

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

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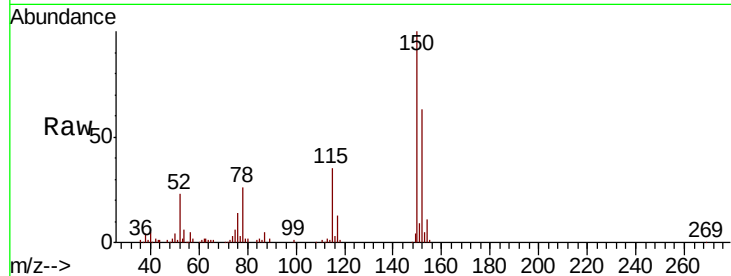




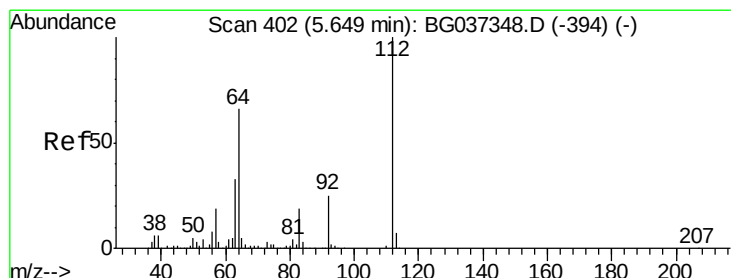
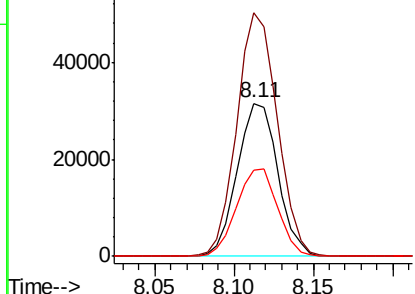
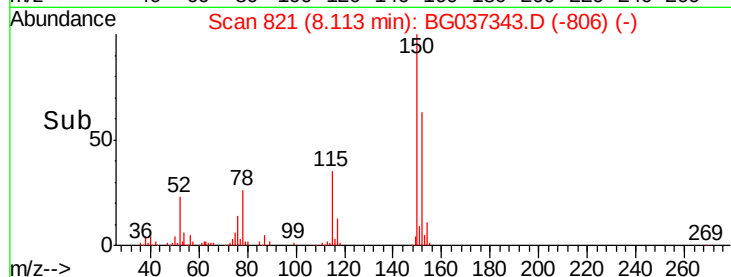
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037343.D
Acq: 15 Oct 2018 21:17

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.0	189.0
115	55.9	45.5	68.3



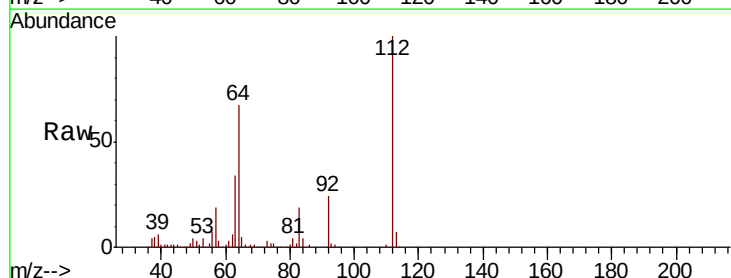
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



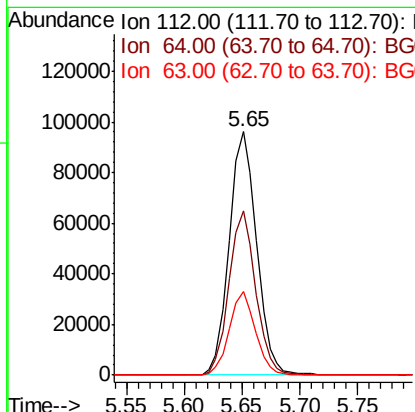
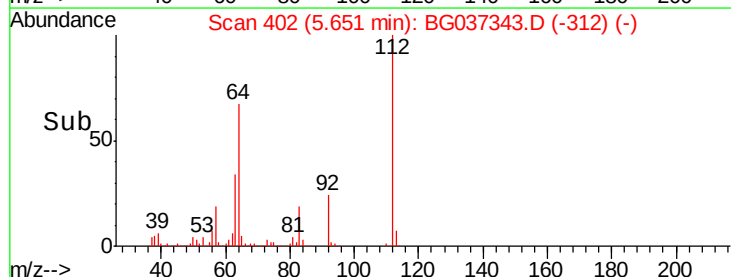
#5

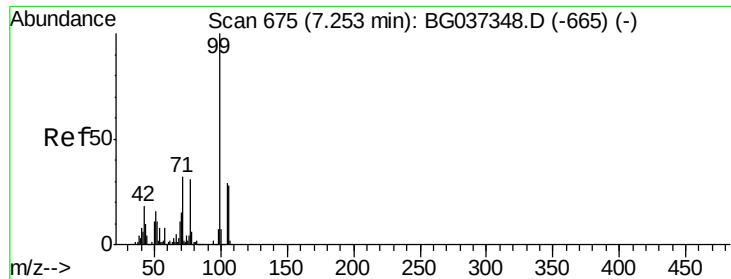
2-Fluorophenol
Concen: 49.643 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037343.D
Acq: 15 Oct 2018 21:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.1	79.7
63	34.1	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: 29.730 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037343.D

Acq: 15 Oct 2018 21:17

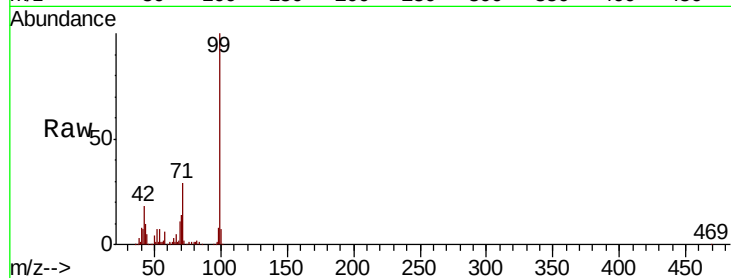
Tot Ion: 99 Resp: 143779

Ion Ratio Lower Upper

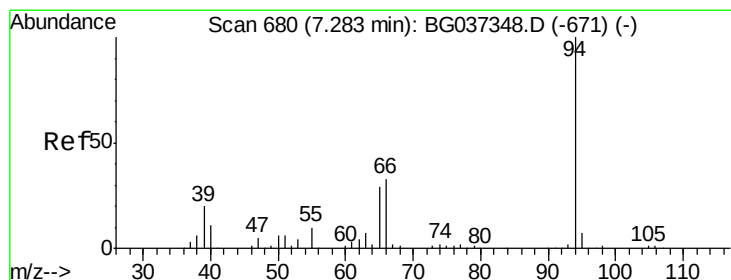
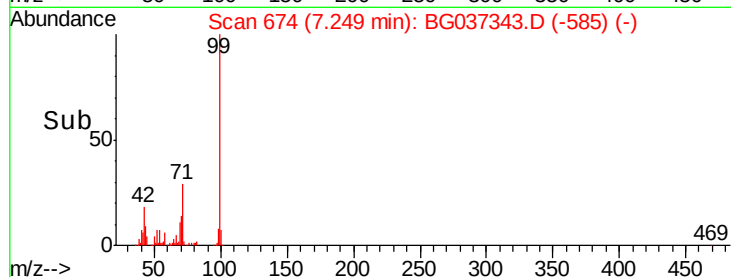
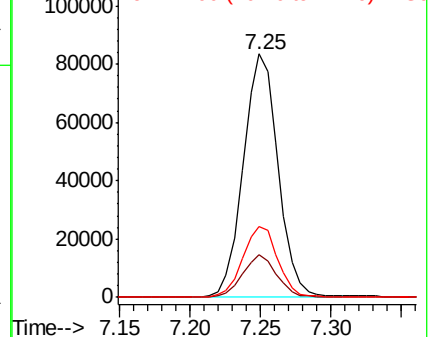
99 100

42 17.6 15.0 22.4

71 29.3 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



#10

Phenol

Concen: 3.571 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037343.D

Acq: 15 Oct 2018 21:17

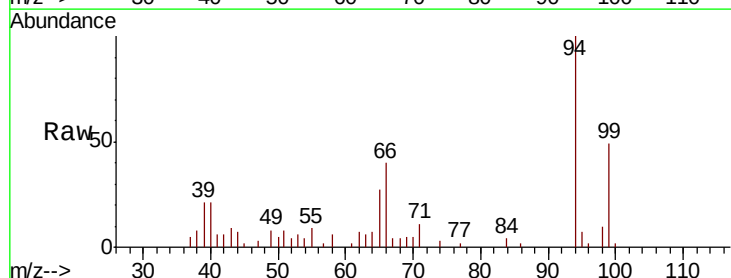
Tgt Ion: 94 Resp: 18187

Ion Ratio Lower Upper

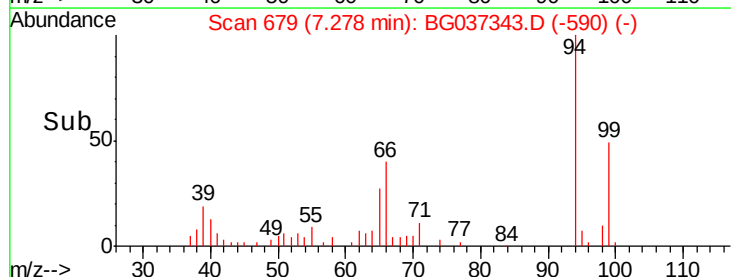
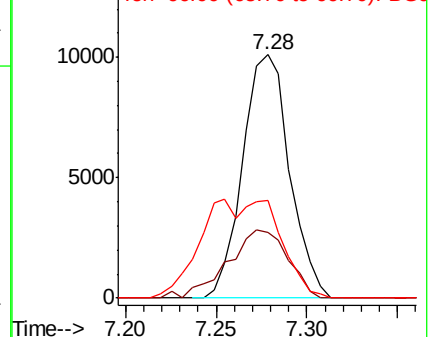
94 100

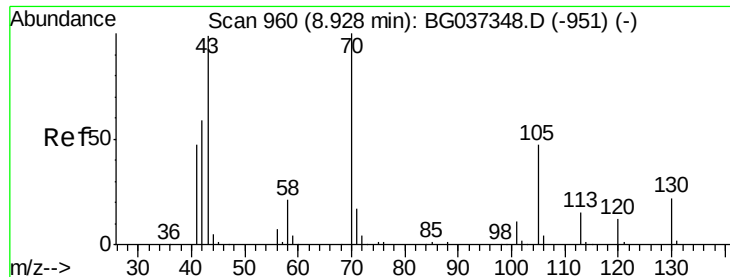
65 26.9 9.7 49.7

66 40.2 15.9 55.9



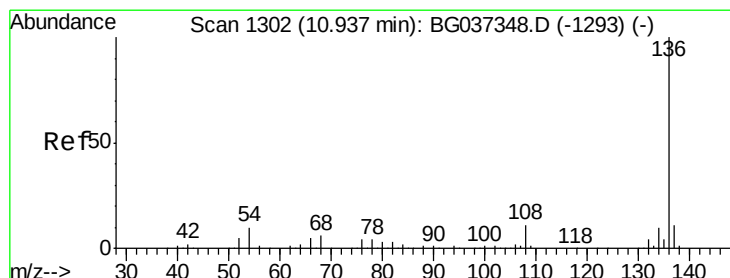
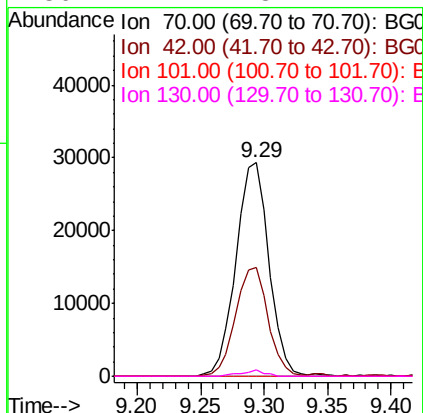
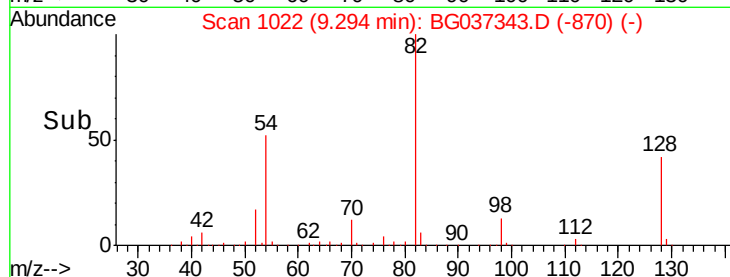
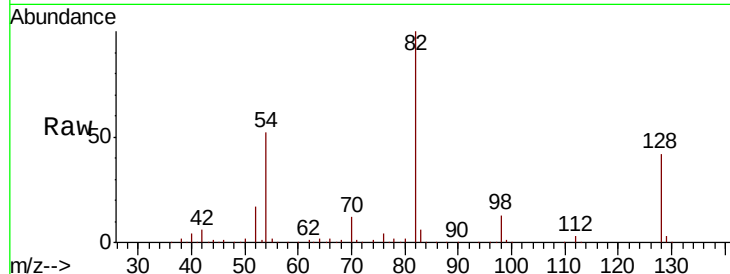
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





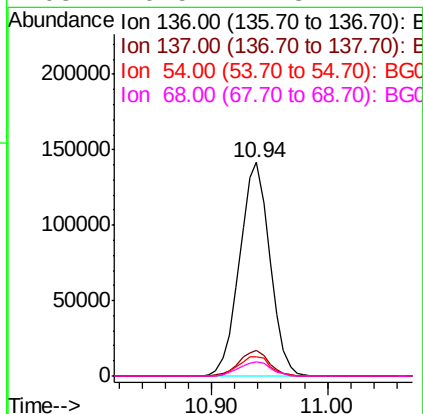
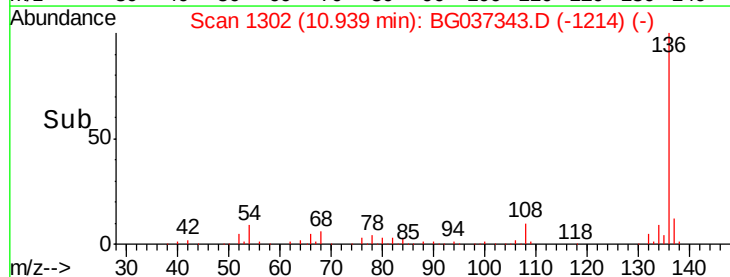
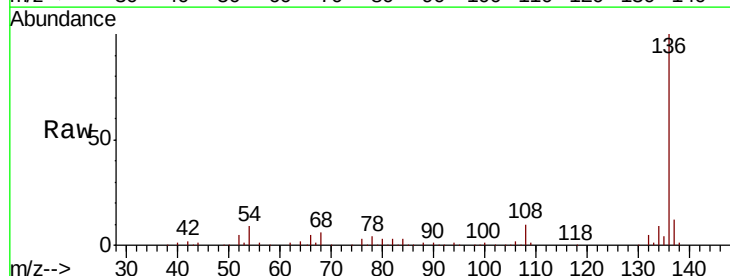
#19
n-Nitroso-di-n-propylamine
Concen: 14.513 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.36 min
Lab File: BG037343.D
Acq: 15 Oct 2018 21:17

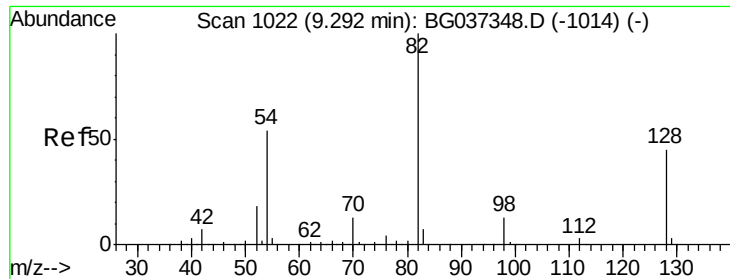
Tot Ion: 70 Resp: 53139
Ion Ratio Lower Upper
70 100
42 51.0 53.9 80.9#
101 0.0 8.2 12.2#
130 2.7 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037343.D
Acq: 15 Oct 2018 21:17

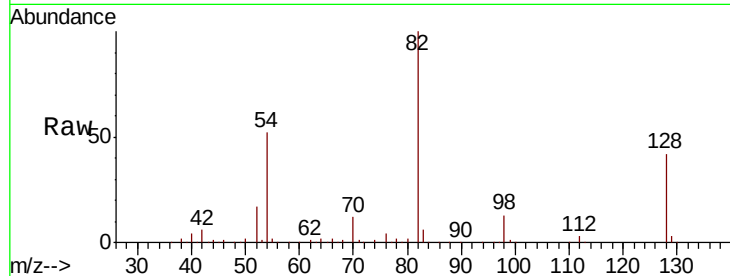
Tgt Ion: 136 Resp: 257150
Ion Ratio Lower Upper
136 100
137 11.8 9.6 14.4
54 9.0 7.9 11.9
68 6.5 4.8 7.2



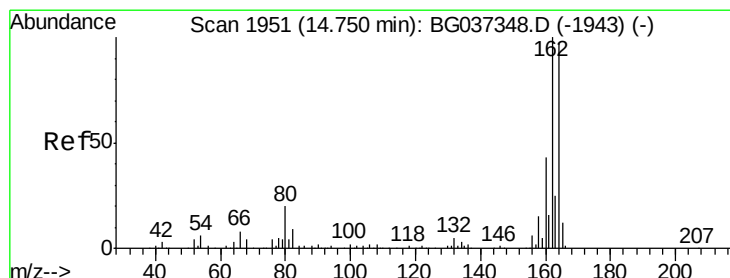
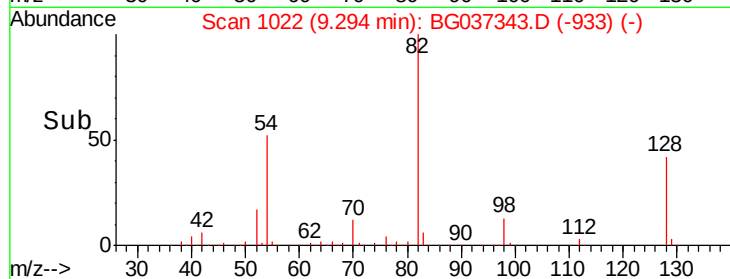
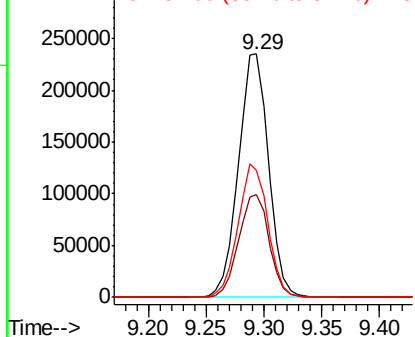


#23
 Nitrobenzene-d5
 Concen: 108.946 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG037343.D
 Acq: 15 Oct 2018 21:17

Tot Ion	82	Resp	426125
Ion Ratio	100		
Lower	34.6		
Upper	51.8		
54	52.4	45.3	67.9

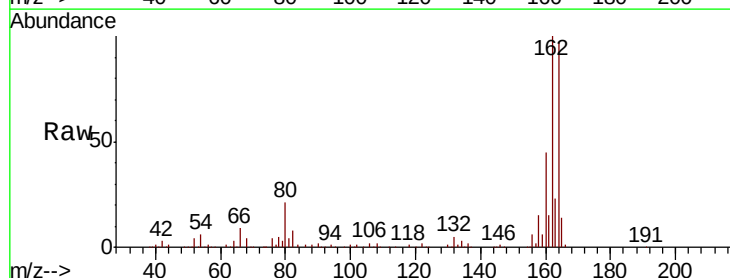


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

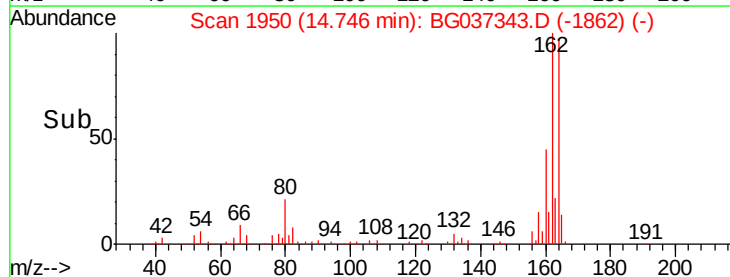
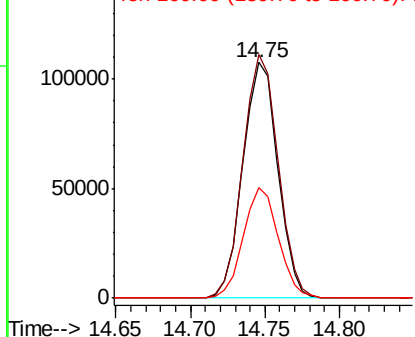


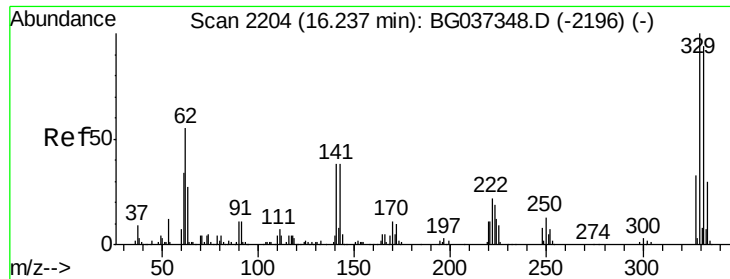
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG037343.D
 Acq: 15 Oct 2018 21:17

Tgt Ion	164	Resp	174144
Ion Ratio	100		
Lower	81.3		
Upper	121.9		
162	103.5	36.3	54.5
160	46.7		



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





#42

2,4,6-Tribromophenol

Concen: 114.361 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037343.D

Acq: 15 Oct 2018 21:17

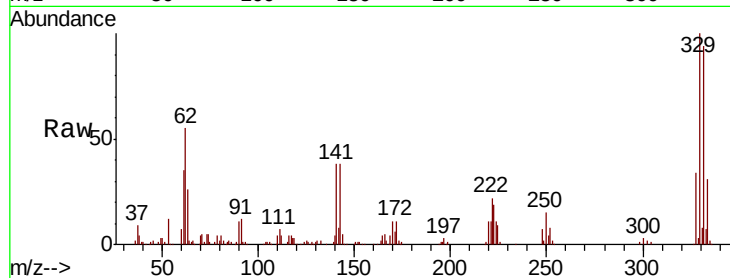
Tot Ion:330 Resp: 195314

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

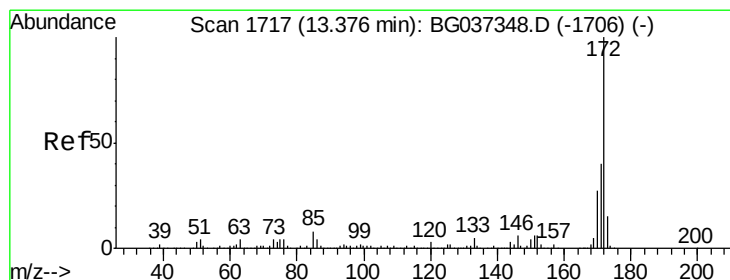
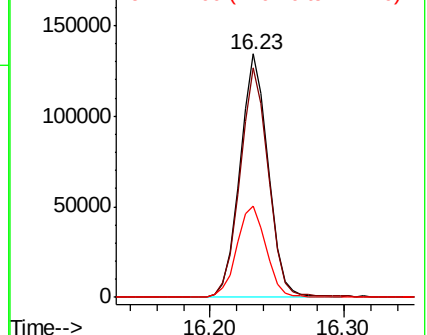
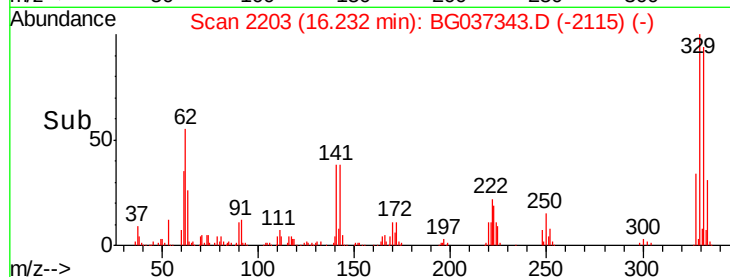
141 39.1 32.2 48.2



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: 98.255 ng

RT: 13.37 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG037343.D

Acq: 15 Oct 2018 21:17

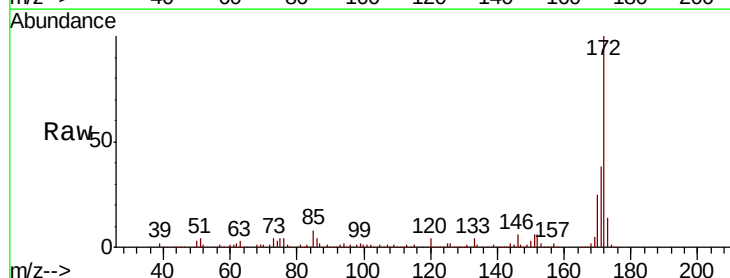
Tgt Ion:172 Resp: 1139361

Ion Ratio Lower Upper

172 100

171 38.4 31.0 46.4

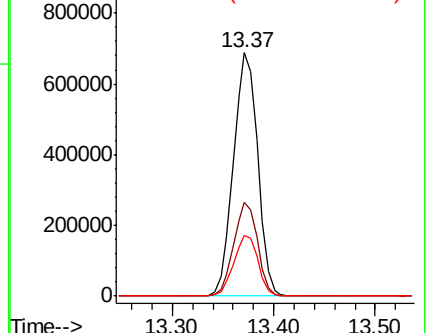
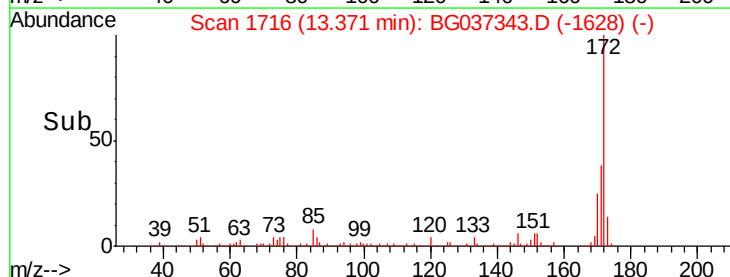
170 25.1 20.2 30.2

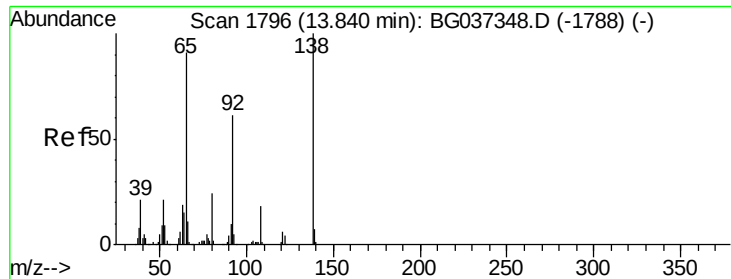


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

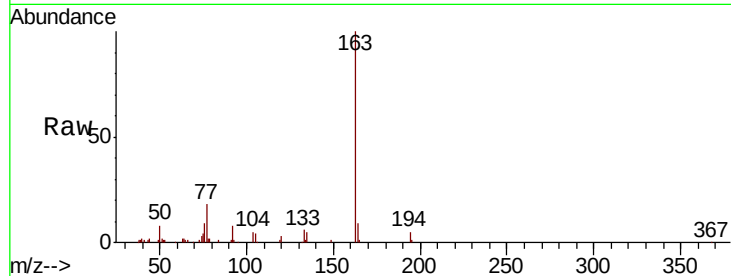
Ion 170.00 (169.70 to 170.70): E



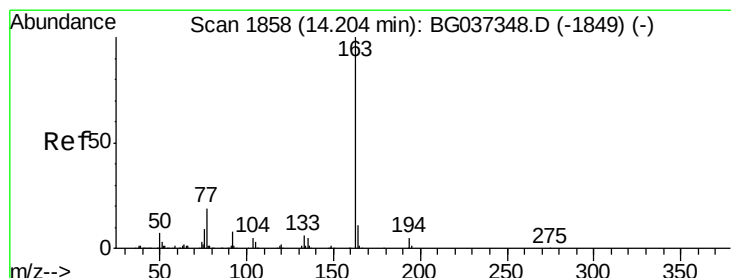
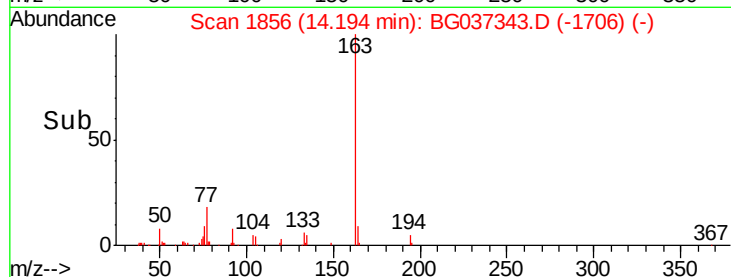
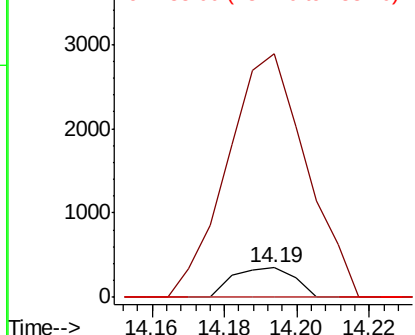


#48
2-Nitroaniline
Concen: 5.879 ng
RT: 14.19 min Scan# 1856
Delta R.T. 0.35 min
Lab File: BG037343.D
Acq: 15 Oct 2018 21:17

Tot Ion: 65 Resp: 414
Ion Ratio Lower Upper
65 100
92 822.8 53.2 79.8#
138 0.0 79.3 118.9#

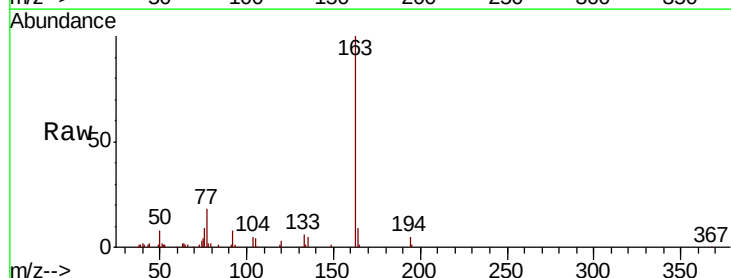


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

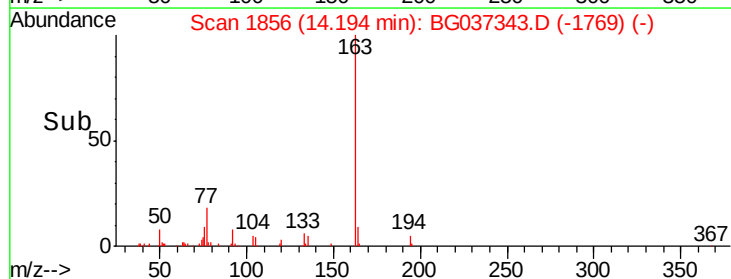
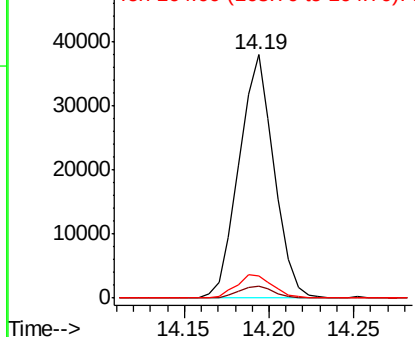


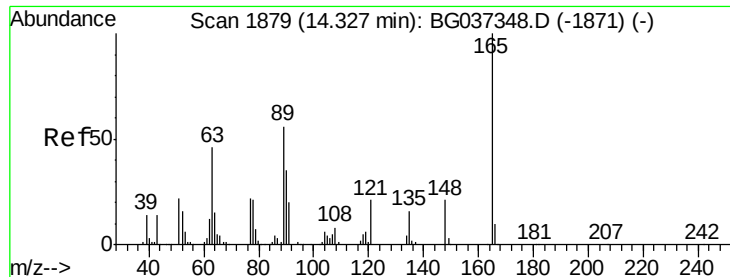
#50
Dimethylphthalate
Concen: 3.993 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG037343.D
Acq: 15 Oct 2018 21:17

Tgt Ion: 163 Resp: 54644
Ion Ratio Lower Upper
163 100
194 4.8 3.5 5.3
164 9.1 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 12.469 ng

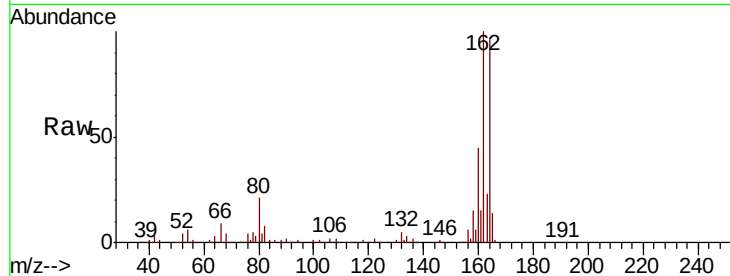
RT: 14.75 min Scan# 1950

Delta R.T. 0.41 min

Lab File: BG037343.D

Acq: 15 Oct 2018 21:17

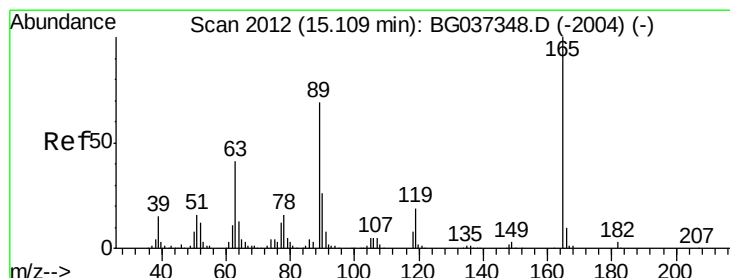
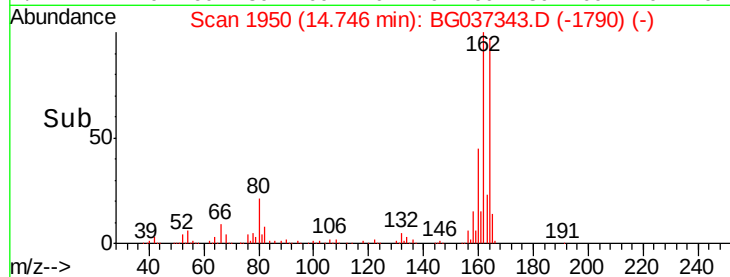
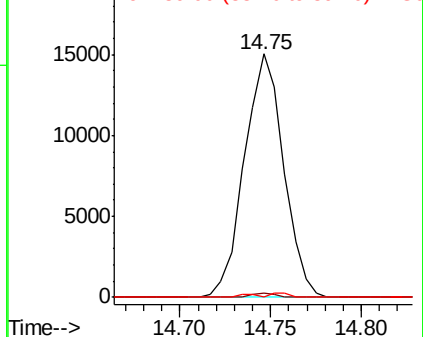
Tot Ion:	165	Resp:	22627
Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	0.0	45.8	68.6#



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: 11.310 ng

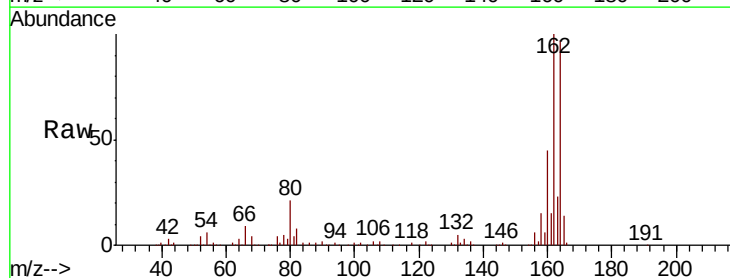
RT: 14.75 min Scan# 1950

Delta R.T. -0.37 min

Lab File: BG037343.D

Acq: 15 Oct 2018 21:17

Tgt Ion:	165	Resp:	22627
Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

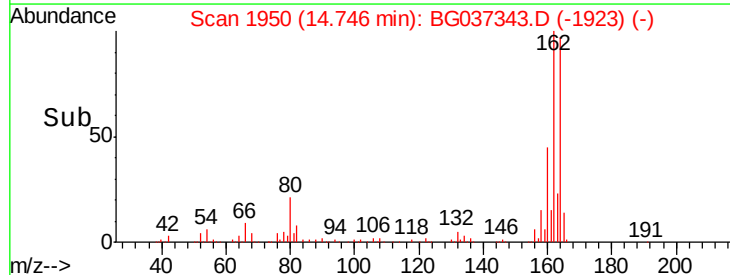
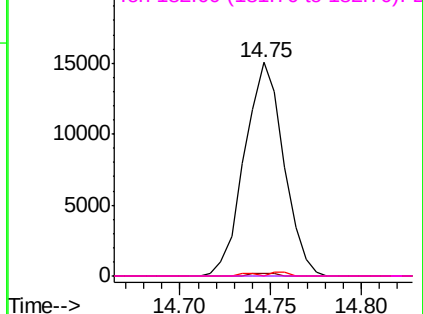


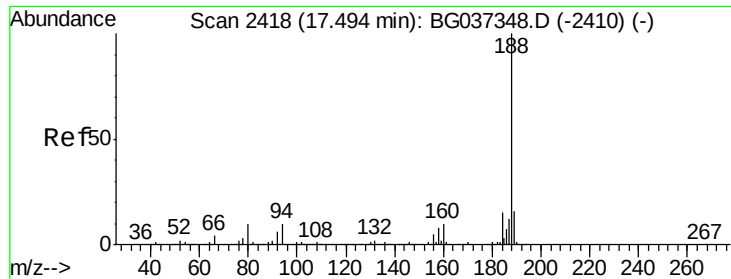
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037343.D

Acq: 15 Oct 2018 21:17

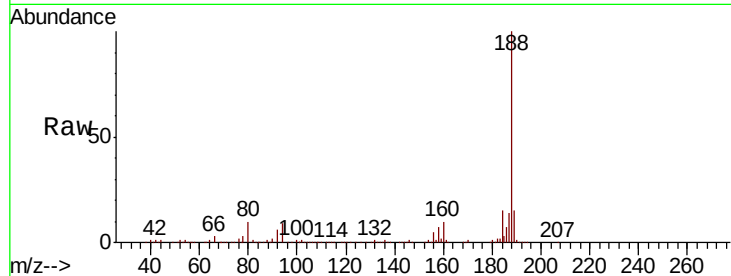
Tot Ion:188 Resp: 446948

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

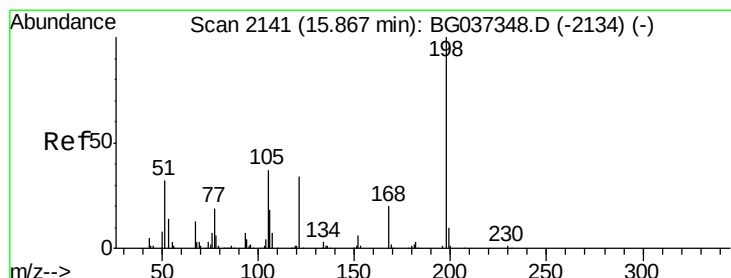
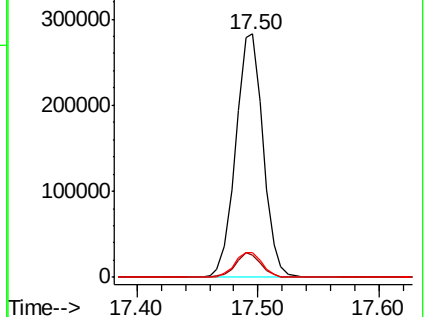
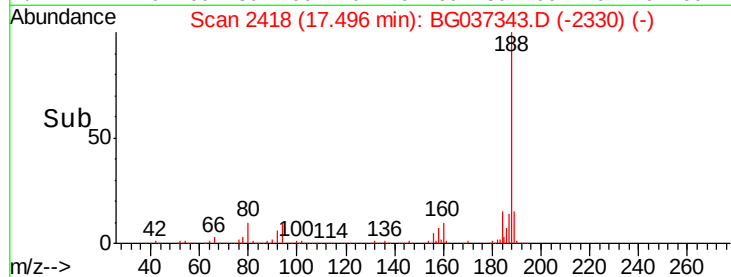
80 9.9 7.7 11.5



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: 6.388 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.36 min

Lab File: BG037343.D

Acq: 15 Oct 2018 21:17

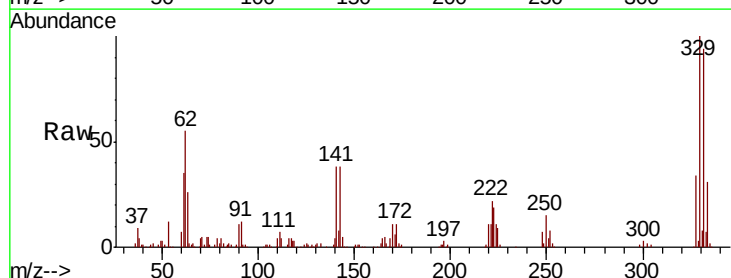
Tgt Ion:198 Resp: 707

Ion Ratio Lower Upper

198 100

51 30.8 22.7 62.7

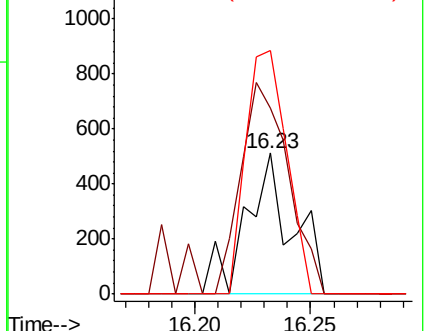
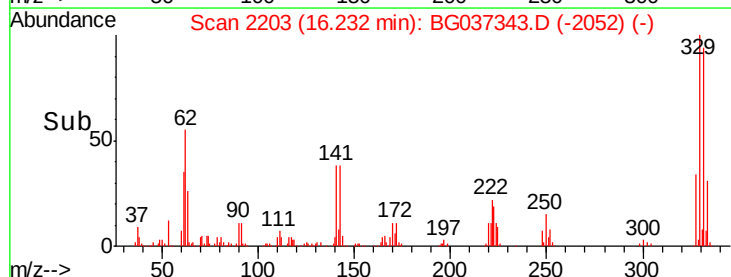
105 40.3 19.7 59.7

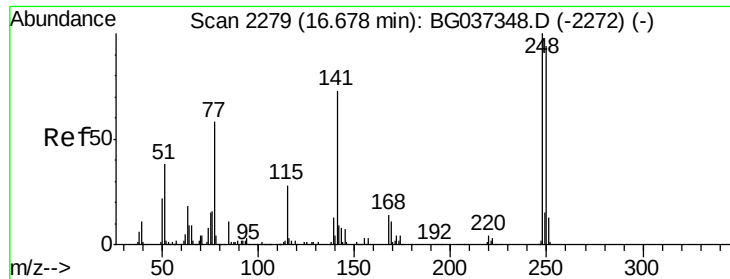


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

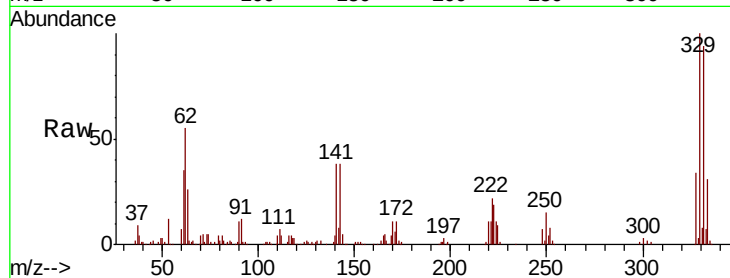
Ion 105.00 (104.70 to 105.70): E



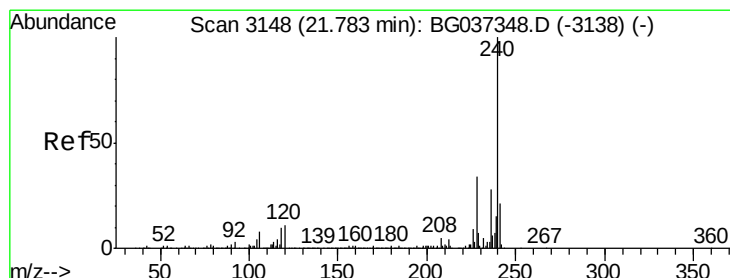
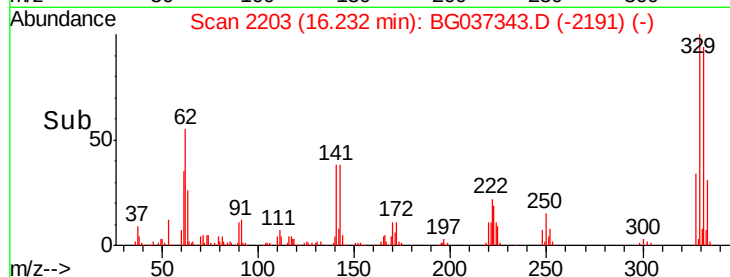
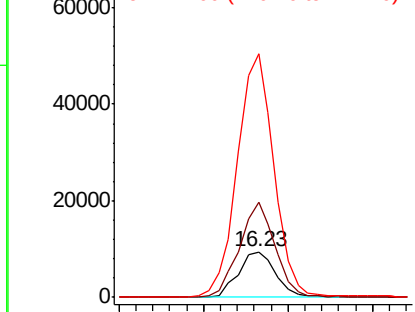


#67
 4-Bromophenyl-phenylether
 Concen: 3.022 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.46 min
 Lab File: BG037343.D
 Acq: 15 Oct 2018 21:17

Tot Ion:248 Resp: 14579
 Ion Ratio Lower Upper
 248 100
 250 199.4 77.0 115.6#
 141 397.4 55.5 83.3#

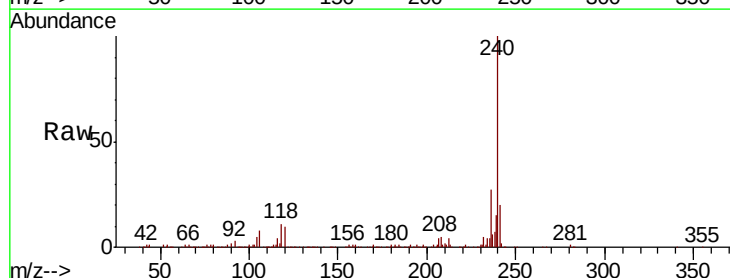


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

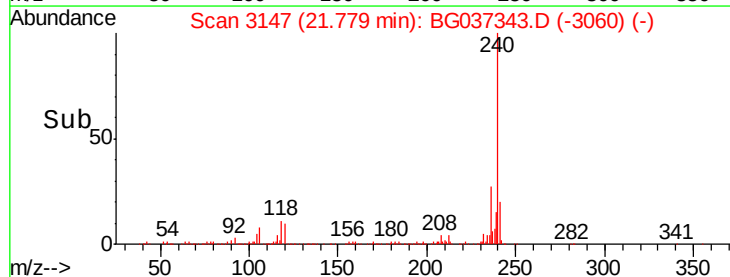
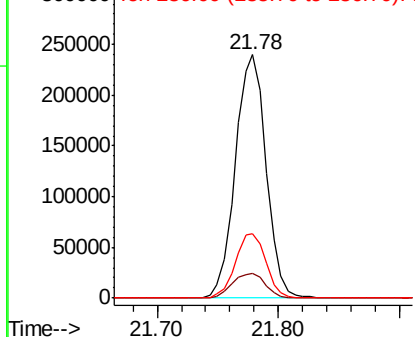


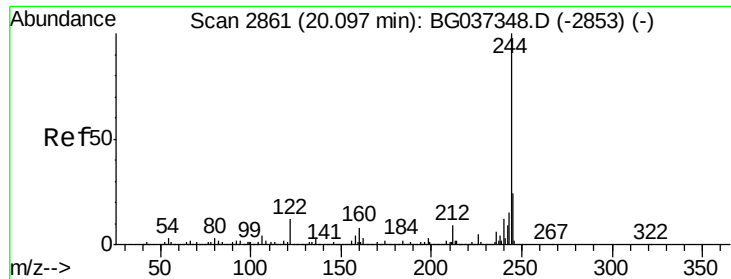
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.02 min
 Lab File: BG037343.D
 Acq: 15 Oct 2018 21:17

Tgt Ion:240 Resp: 425619
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.1 12.1
 236 26.6 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: 83.226 ng

RT: 20.09 min Scan# 2860

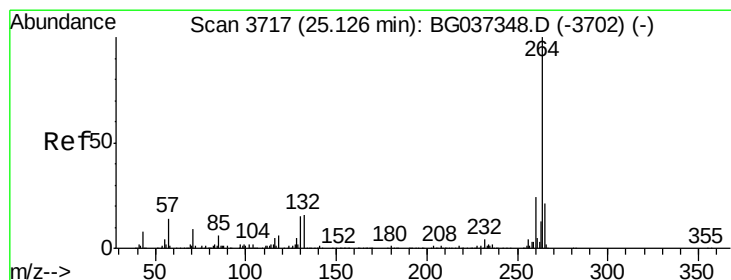
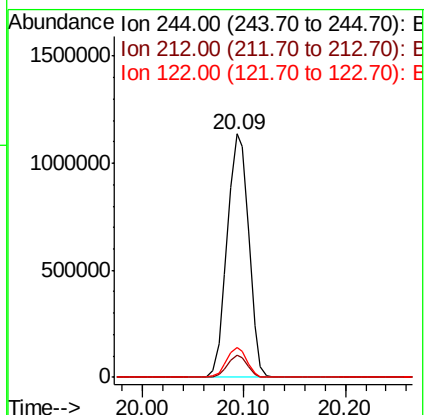
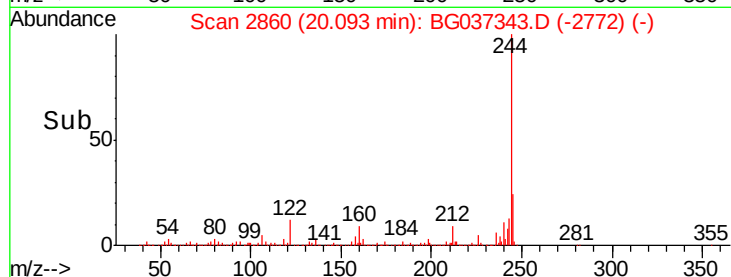
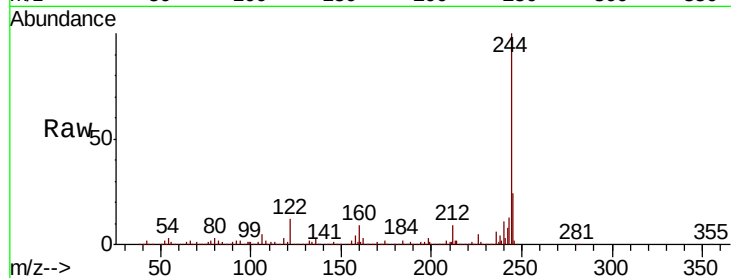
Delta R.T. -0.01 min

Lab File: BG037343.D

Acq: 15 Oct 2018 21:17

Tot Ion:244 Resp: 1686992

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.5	9.7
122	12.3	9.0	13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG037343.D

Acq: 15 Oct 2018 21:17

Tgt Ion:264 Resp: 426440

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	21.9	17.9	26.9

