

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037349.D
 Acq On : 16 Oct 2018 2:24
 Operator : JU/SJ
 Sample : J5511-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 16 04:19:42 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	8.12	152	61639	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	277620	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	186474	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	476355	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	443635	20.00	ng	-0.02
87) Perylene-d12	25.12	264	443630	20.00	ng	-0.02

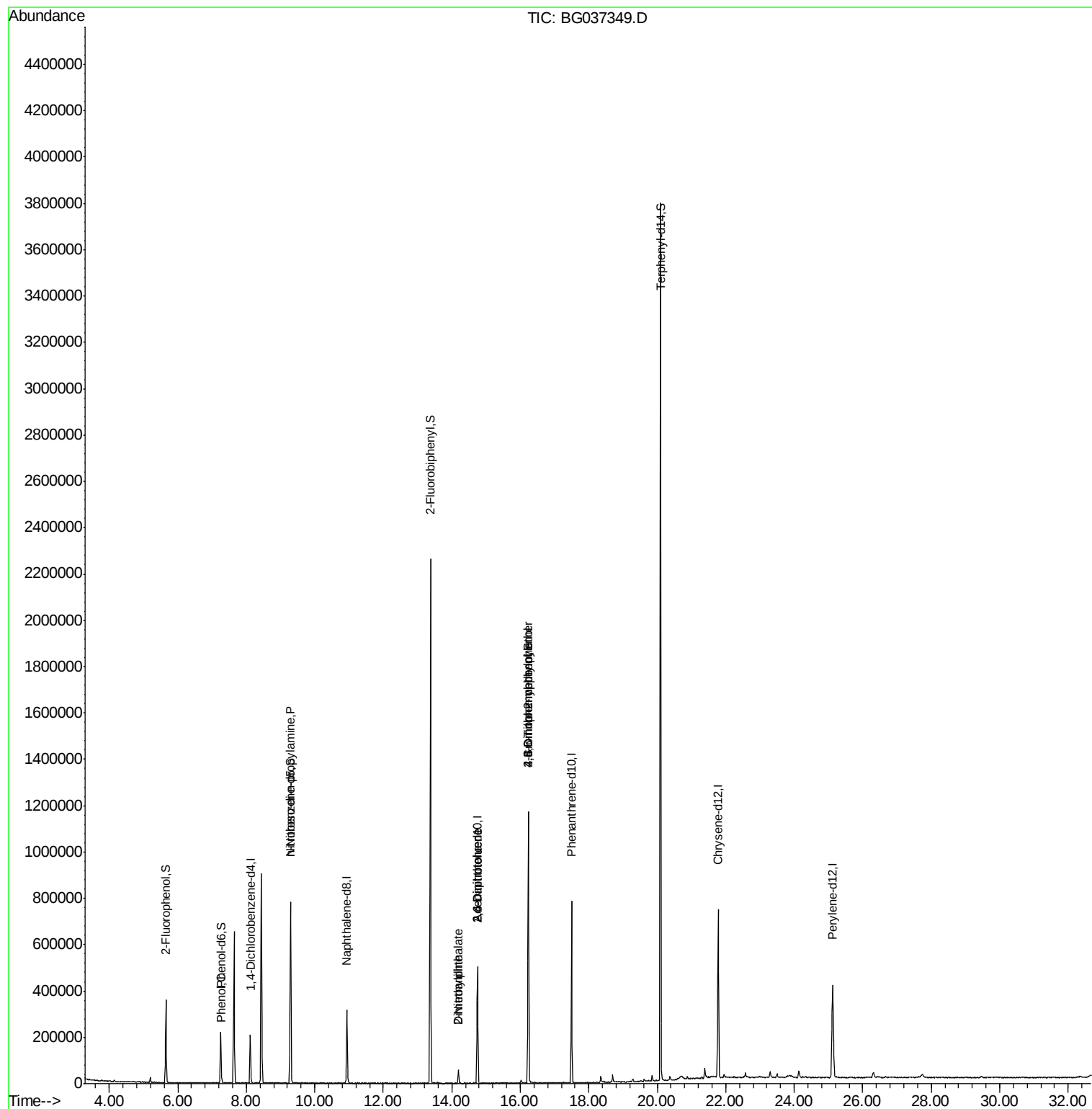
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	163619	46.72	ng	0.00
7) Phenol-d6	7.25	99	140460	26.42	ng	0.00
23) Nitrobenzene-d5	9.29	82	487935	115.55	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	214791	117.45	ng	-0.01
45) 2-Fluorobiphenyl	13.38	172	1221451	98.37	ng	0.00
79) Terphenyl-d14	20.10	244	1780783	84.29	ng	0.00

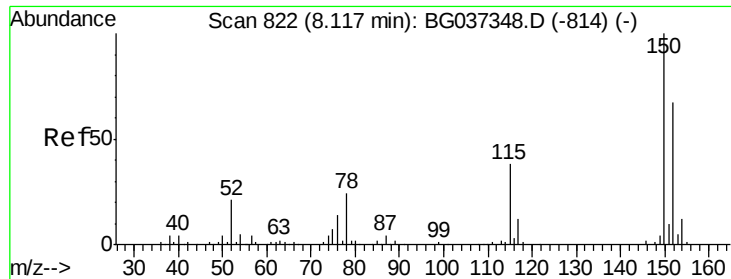
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.28	94	13845	2.473	ng	95
19) n-Nitroso-di-n-propylamine	9.29	70	60117	14.937	ng	# 72
48) 2-Nitroaniline	14.19	65	222	5.817	ng	# 1
50) Dimethylphthalate	14.19	163	41924	2.861	ng	99
51) 2,6-Dinitrotoluene	14.75	165	23675	12.294	ng	# 26
57) 2,4-Dinitrotoluene	14.75	165	23675	11.174	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	470	6.222	ng	84
67) 4-Bromophenyl-phenylether	16.23	248	15919	3.096	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
Data File : BG037349.D
Acq On : 16 Oct 2018 2:24
Operator : JU/SJ
Sample : J5511-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

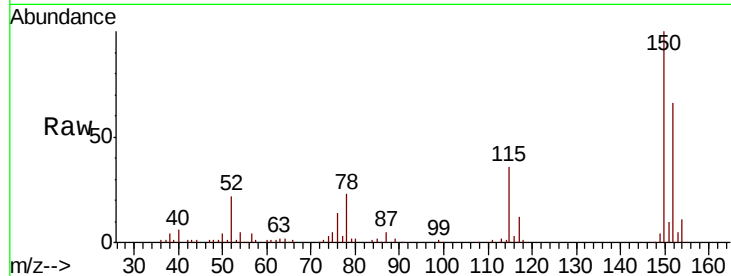
Quant Time: Oct 16 04:19:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 02:21:11 2018
Response via : Initial Calibration



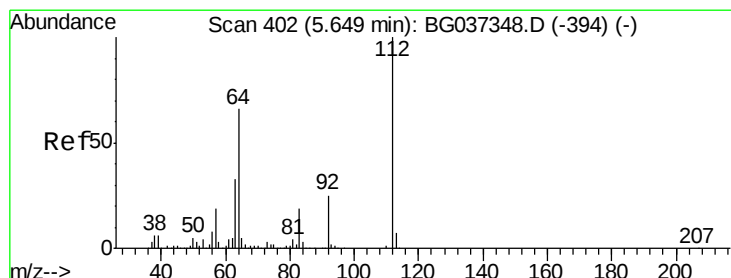
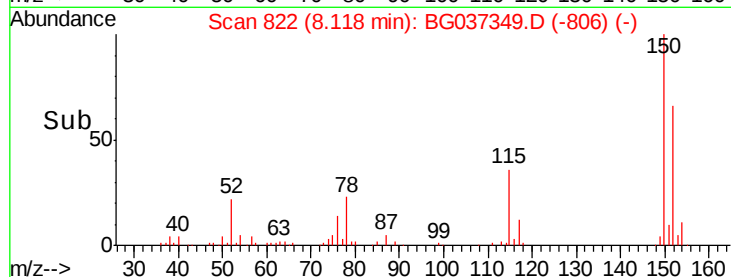
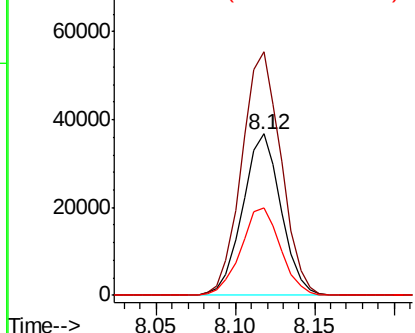


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG037349.D
 Acq: 16 Oct 2018 2:24

Tot Ion:152 Resp: 61639
 Ion Ratio Lower Upper
 152 100
 150 151.2 126.0 189.0
 115 54.1 45.5 68.3

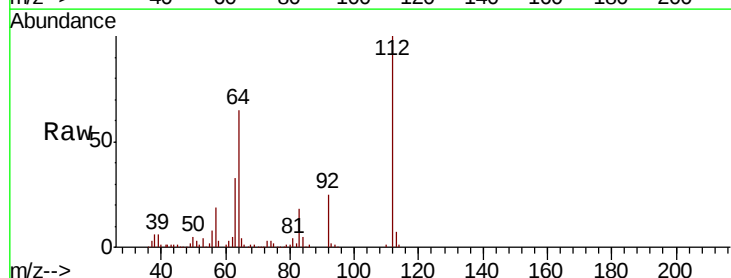


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

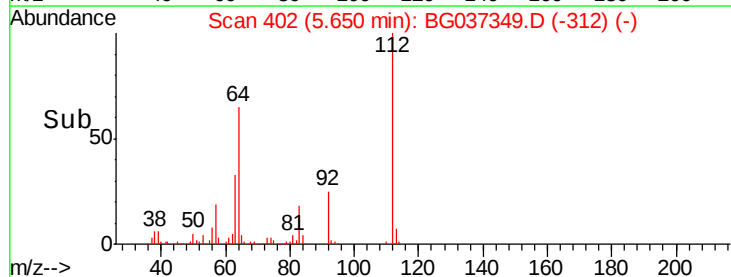
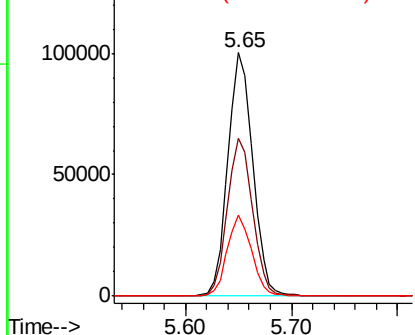


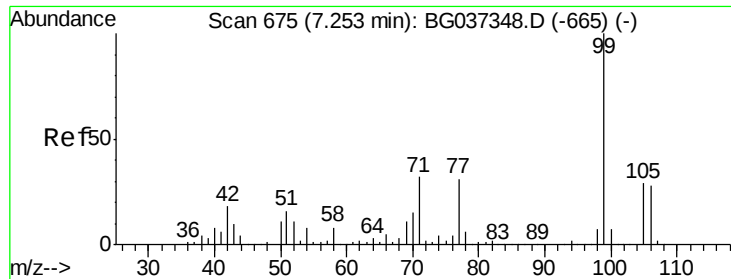
#5
 2-Fluorophenol
 Concen: 46.716 ng
 RT: 5.65 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BG037349.D
 Acq: 16 Oct 2018 2:24

Tgt Ion:112 Resp: 163619
 Ion Ratio Lower Upper
 112 100
 64 64.8 53.1 79.7
 63 33.3 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 26.422 ng

RT: 7.25 min Scan# 675

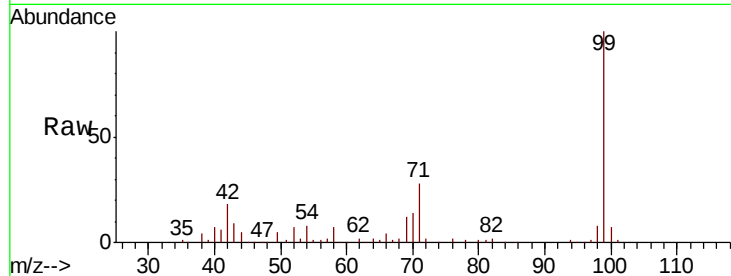
Delta R.T. -0.00 min

Lab File: BG037349.D

Acq: 16 Oct 2018 2:24

Tot Ion: 99 Resp: 140460

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.4
71	28.1	25.5	38.3

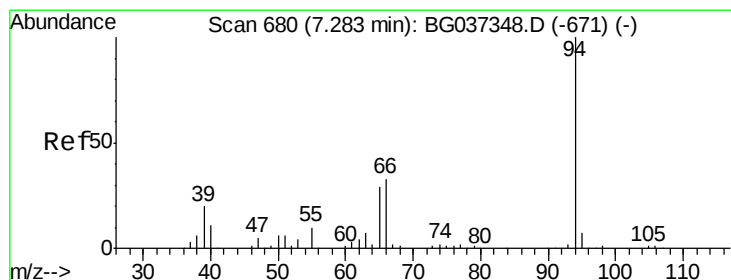
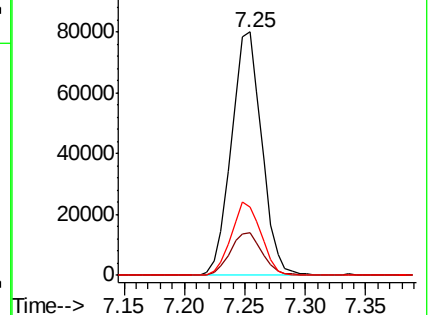
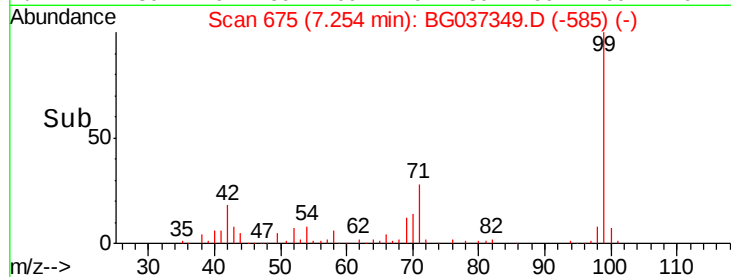


Abundance

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



#10

Phenol

Concen: 2.473 ng

RT: 7.28 min Scan# 679

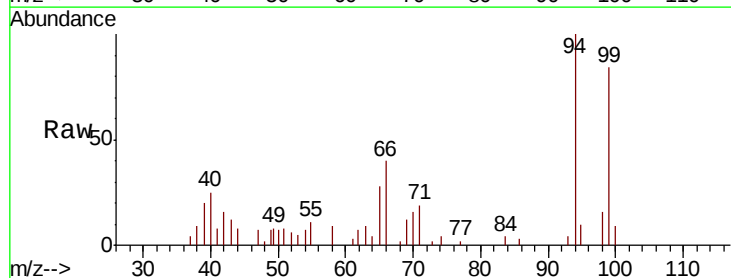
Delta R.T. -0.01 min

Lab File: BG037349.D

Acq: 16 Oct 2018 2:24

Tgt Ion: 94 Resp: 13845

Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.7	49.7
66	39.7	15.9	55.9

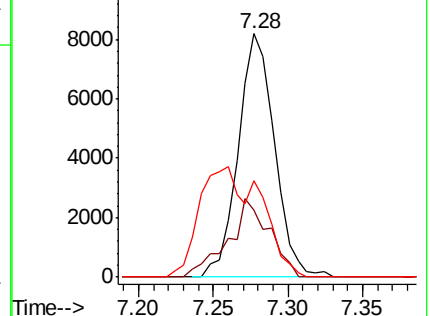
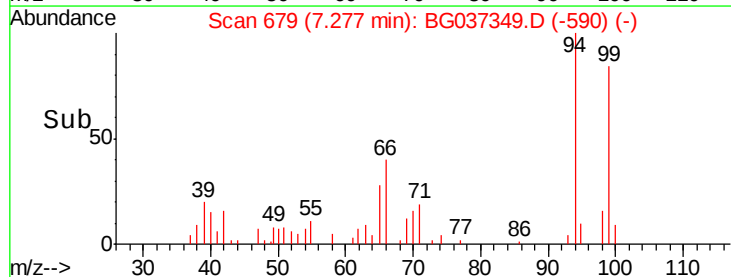


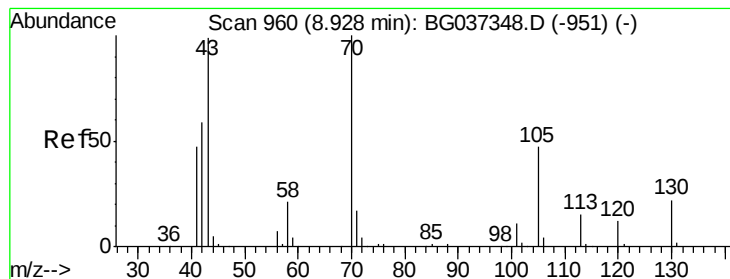
Abundance

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: 14.937 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037349.D

Acq: 16 Oct 2018 2:24

Tot Ion: 70 Resp: 60117

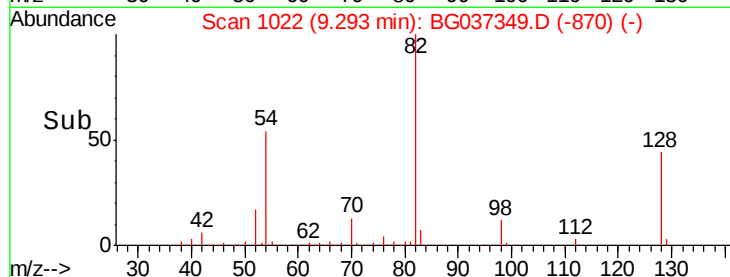
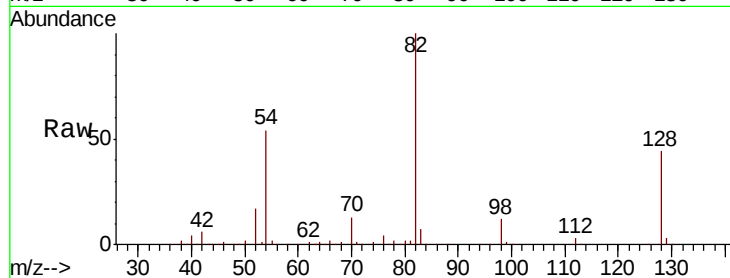
Ion Ratio Lower Upper

70 100

42 48.7 53.9 80.9#

101 0.0 8.2 12.2#

130 2.9 18.2 27.4#

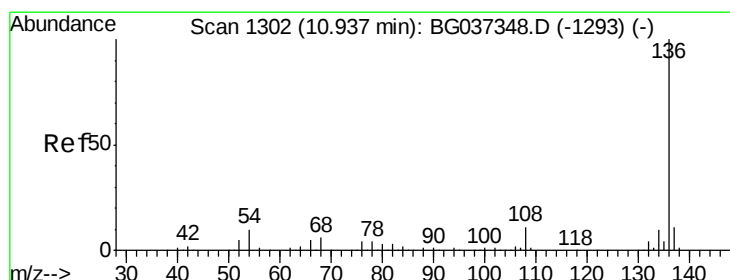
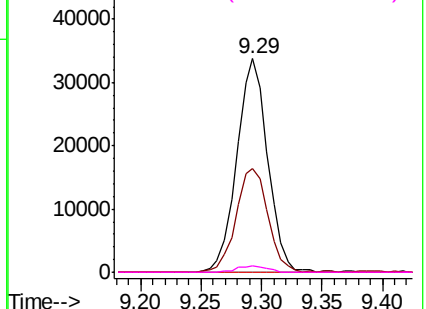


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: BG037349.D

Acq: 16 Oct 2018 2:24

Tgt Ion: 136 Resp: 277620

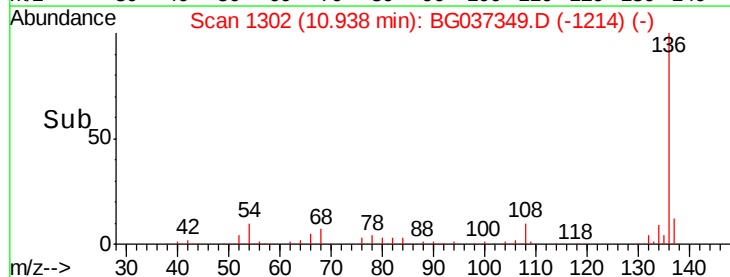
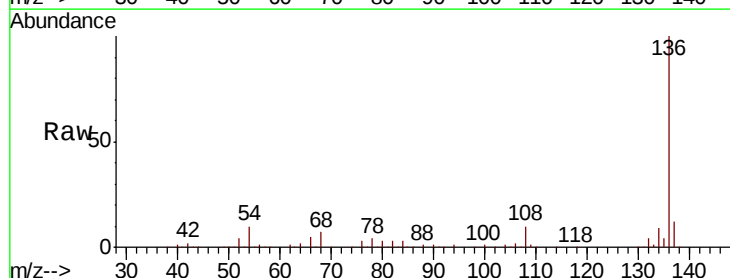
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 9.6 7.9 11.9

68 6.8 4.8 7.2

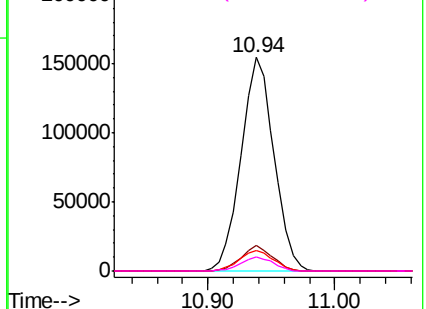


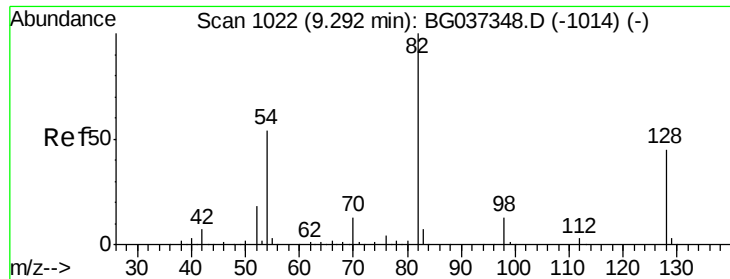
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

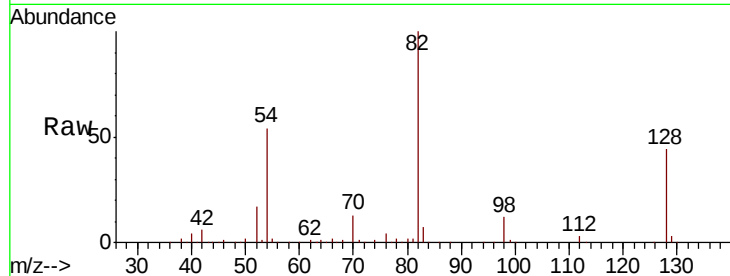
Ion 68.00 (67.70 to 68.70): BGC



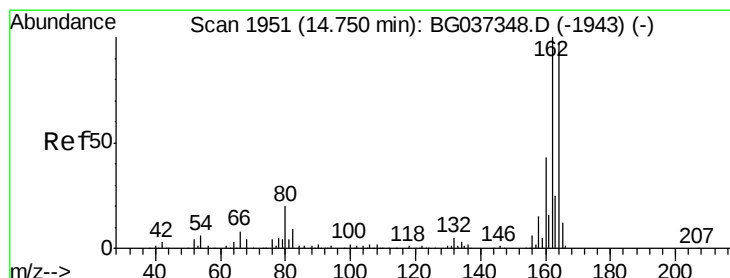
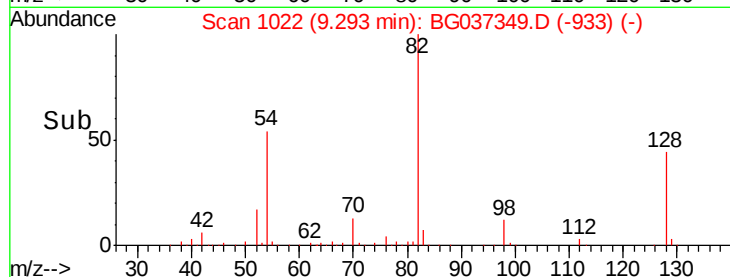
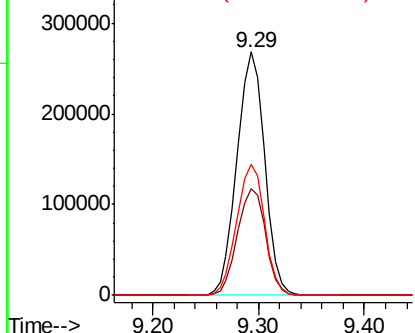


#23
Nitrobenzene-d5
Concen: 115.551 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037349.D
Acq: 16 Oct 2018 2:24

Tot Ion	82.00	Resp	487935
Ion Ratio	100	Lower	Upper
128	43.8	34.6	51.8
54	54.0	45.3	67.9

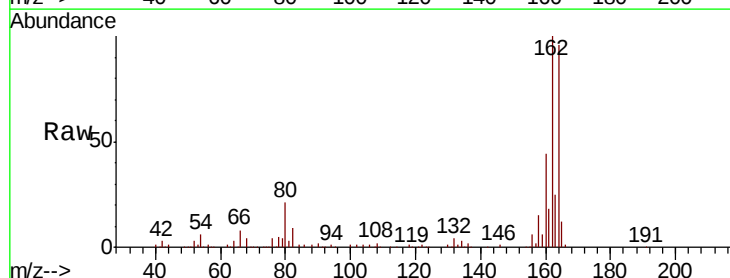


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

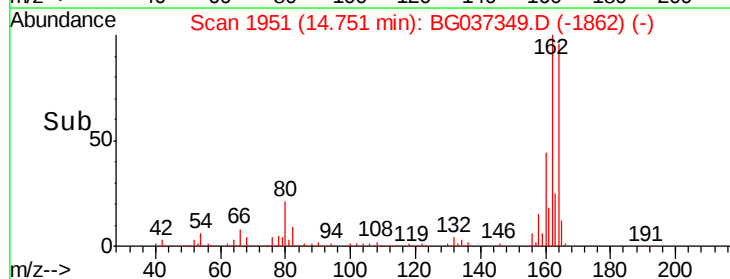
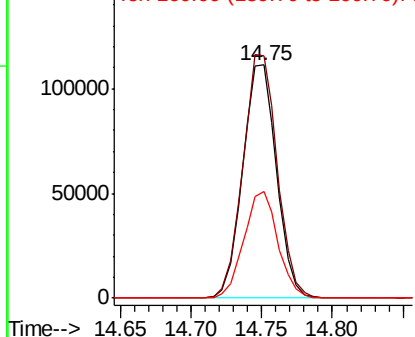


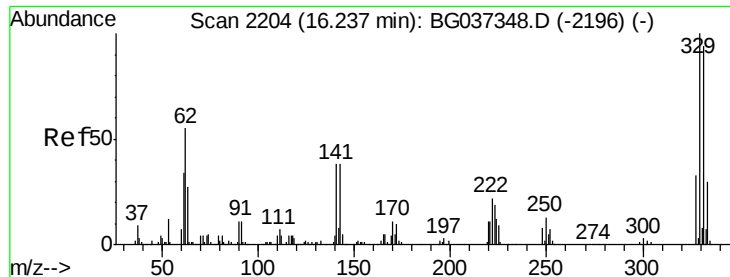
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037349.D
Acq: 16 Oct 2018 2:24

Tgt Ion	164.00	Resp	186474
Ion Ratio	100	Lower	Upper
162	104.2	81.3	121.9
160	46.1	36.3	54.5



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: 117.450 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037349.D

Acq: 16 Oct 2018 2:24

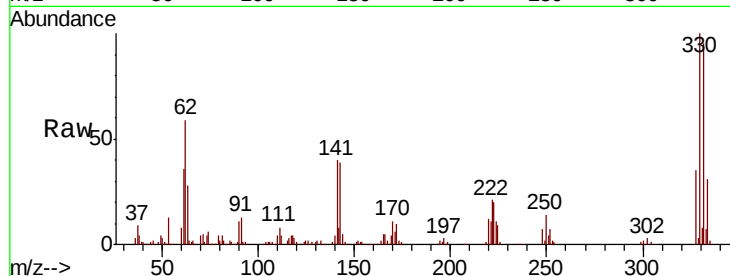
Tot Ion:330 Resp: 214791

Ion Ratio Lower Upper

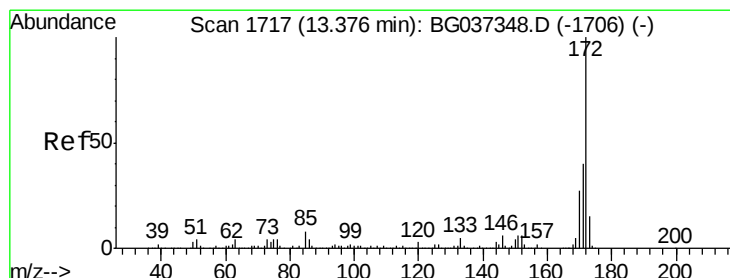
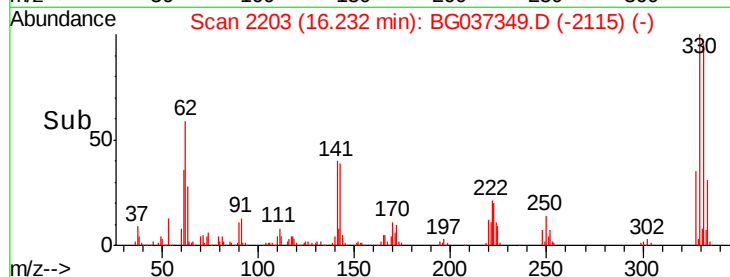
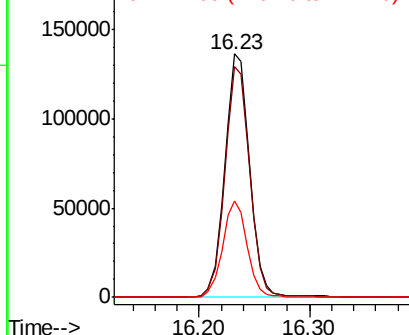
330 100

332 95.2 78.4 117.6

141 39.2 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: 98.369 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG037349.D

Acq: 16 Oct 2018 2:24

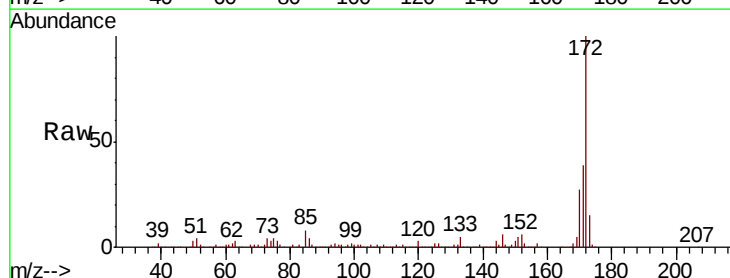
Tgt Ion:172 Resp: 1221451

Ion Ratio Lower Upper

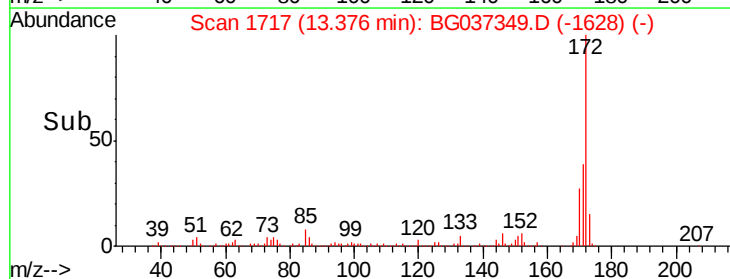
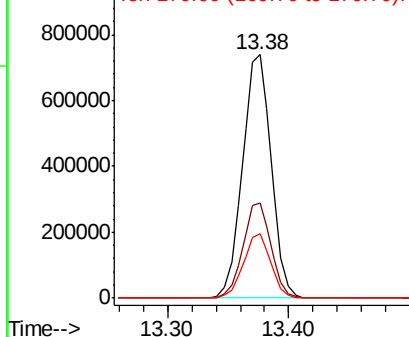
172 100

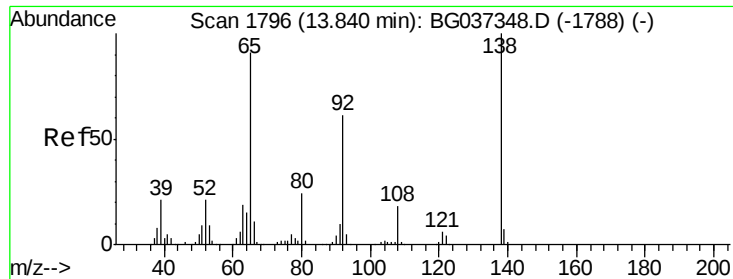
171 39.3 31.0 46.4

170 26.5 20.2 30.2



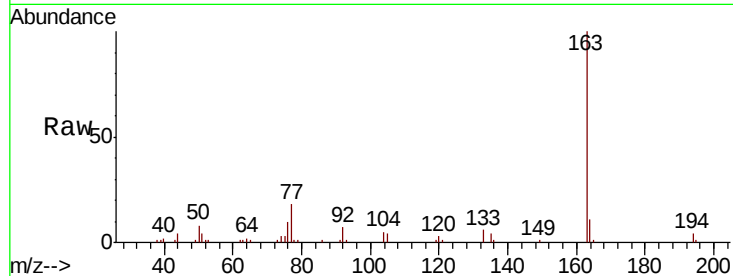
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



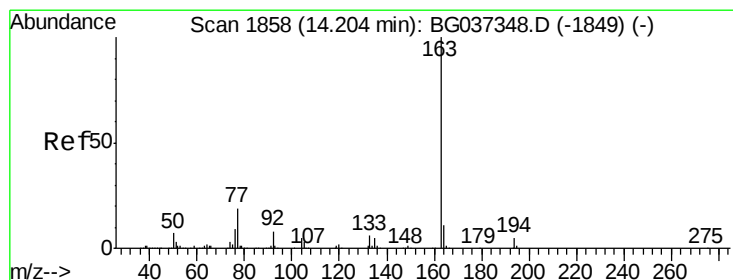
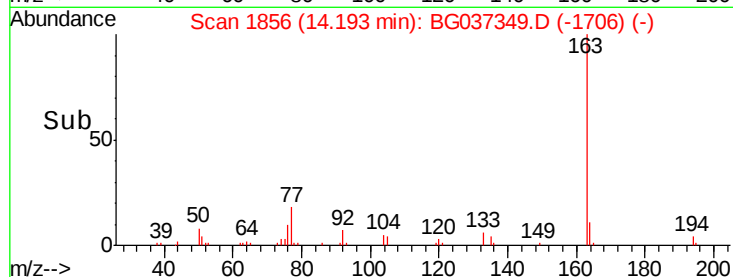
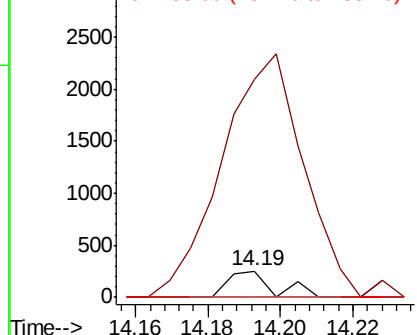


#48
2-Nitroaniline
Concen: 5.817 ng
RT: 14.19 min Scan# 1856
Delta R.T. 0.35 min
Lab File: BG037349.D
Acq: 16 Oct 2018 2:24

Tot Ion: 65 Resp: 222
Ion Ratio Lower Upper
65 100
92 838.0 53.2 79.8#
138 0.0 79.3 118.9#

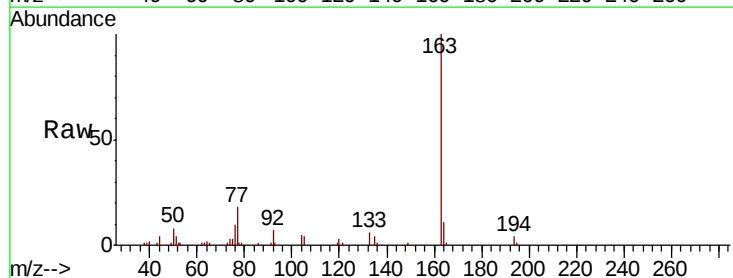


Abundance Ion 65.00 (64.70 to 65.70): BG037348.D (-1788) (-)
Ion 92.00 (91.70 to 92.70): BG037348.D (-1788) (-)
Ion 138.00 (137.70 to 138.70): BG037348.D (-1788) (-)

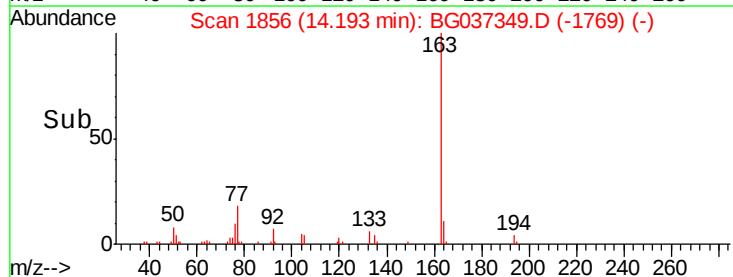
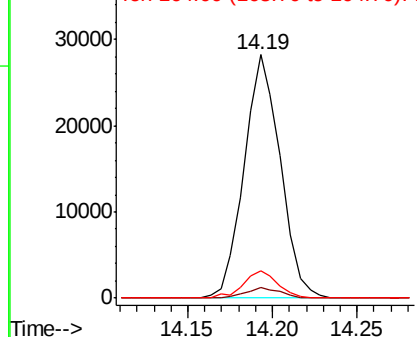


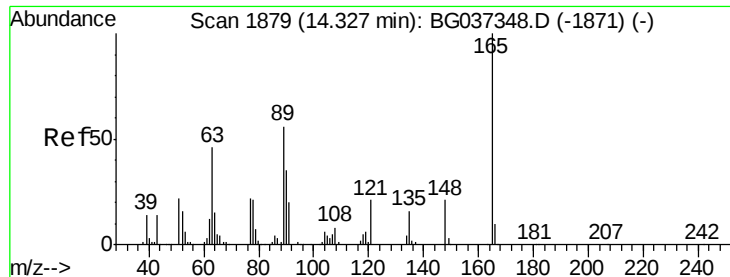
#50
Dimethylphthalate
Concen: 2.861 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG037349.D
Acq: 16 Oct 2018 2:24

Tgt Ion: 163 Resp: 41924
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 11.3 8.5 12.7



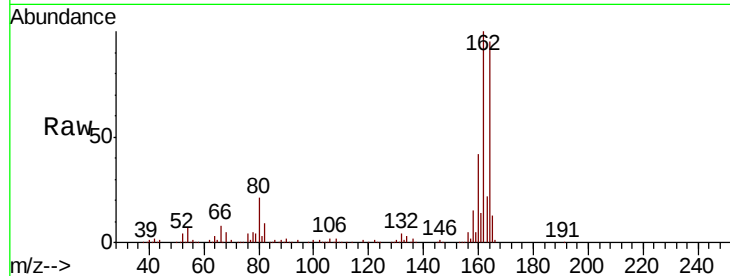
Abundance Ion 163.00 (162.70 to 163.70): BG037348.D (-1849) (-)
Ion 194.00 (193.70 to 194.70): BG037348.D (-1849) (-)
Ion 164.00 (163.70 to 164.70): BG037348.D (-1849) (-)



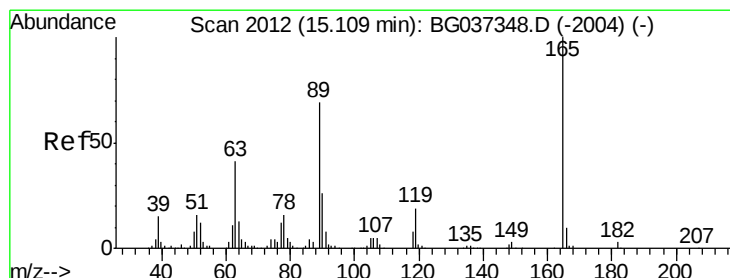
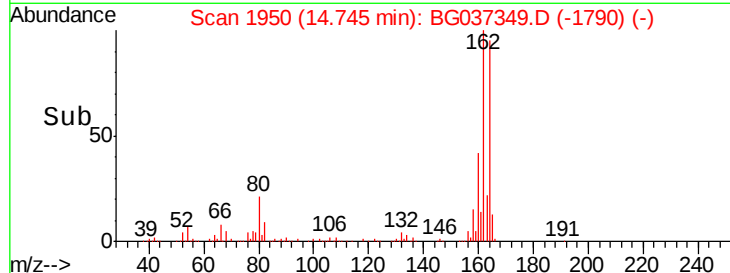
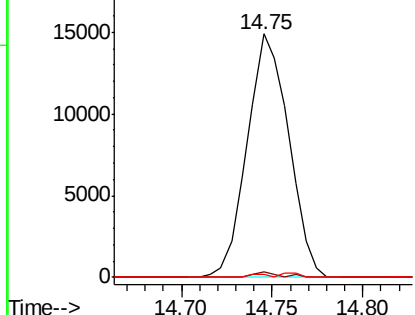


#51
 2,6-Dinitrotoluene
 Concen: 12.294 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. 0.41 min
 Lab File: BG037349.D
 Acq: 16 Oct 2018 2:24

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	43.4	65.2#
89	1.0	45.8	68.6#



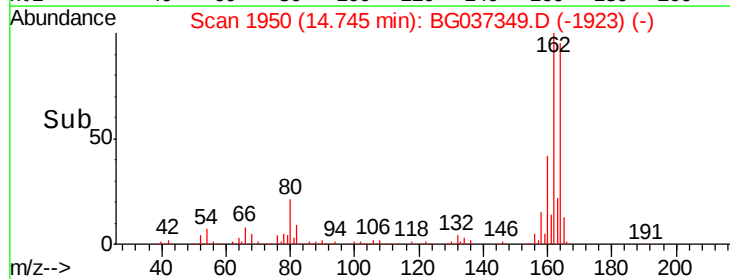
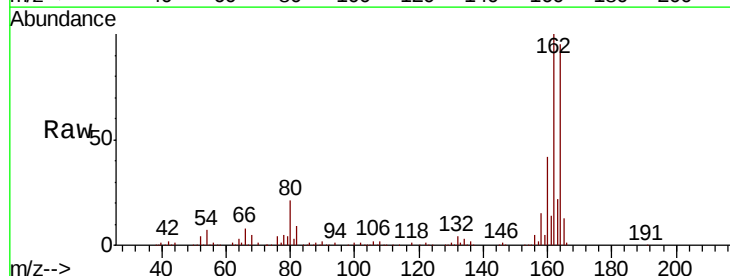
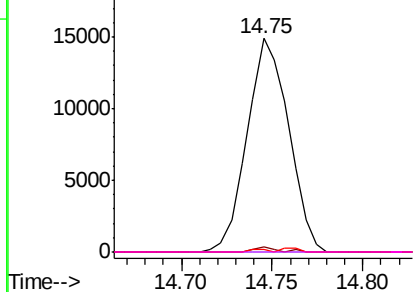
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

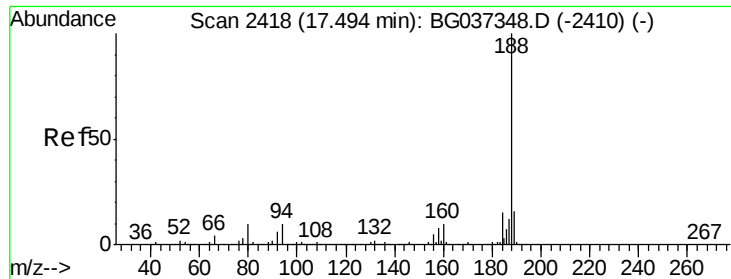


#57
 2,4-Dinitrotoluene
 Concen: 11.174 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037349.D
 Acq: 16 Oct 2018 2:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	33.4	50.0#
89	1.0	57.2	85.8#
182	0.0	2.6	4.0#

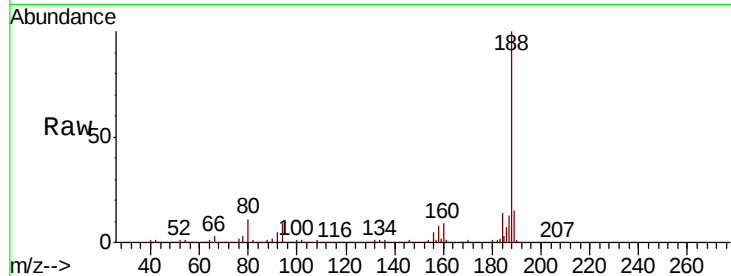
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E



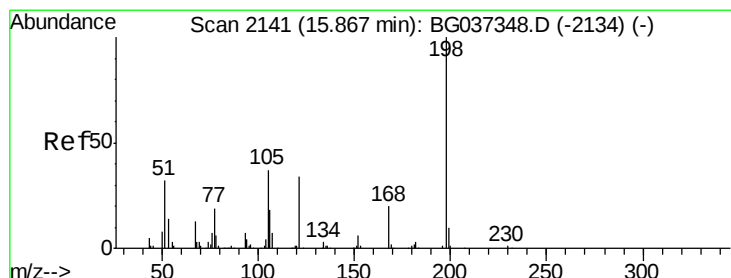
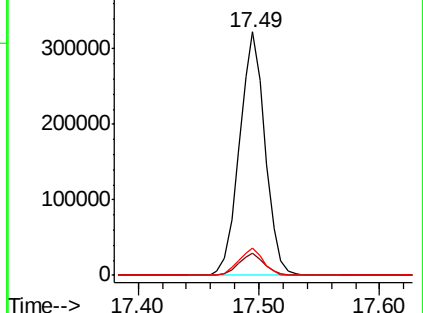
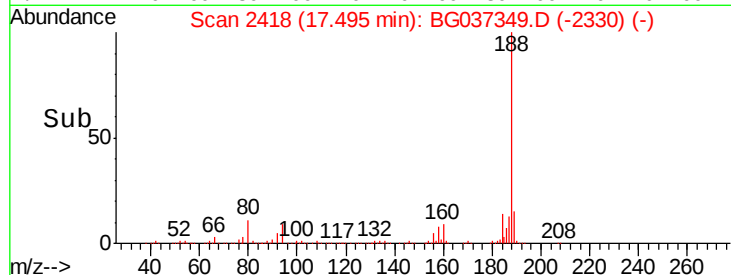


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037349.D
Acq: 16 Oct 2018 2:24

Tot Ion:188 Resp: 476355
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 11.0 7.7 11.5

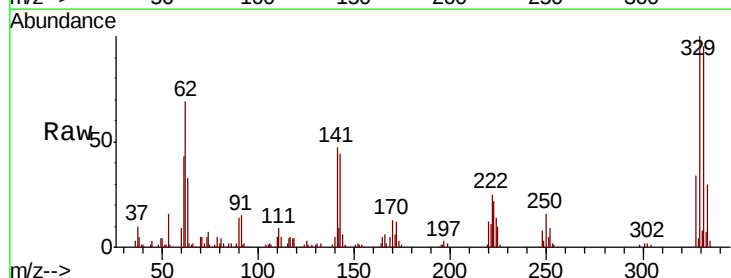


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

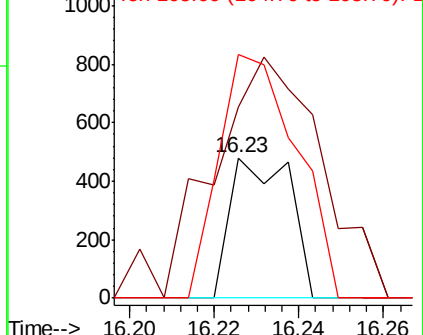
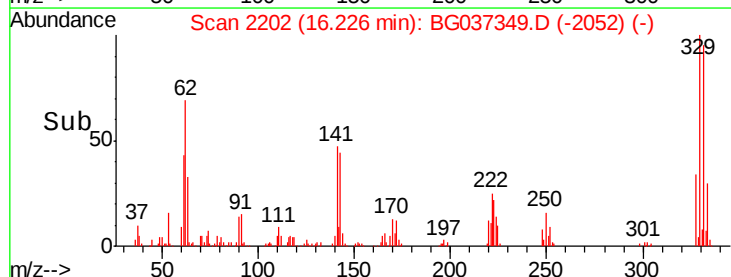


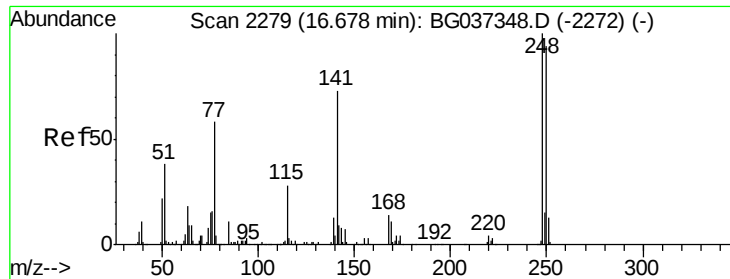
#65
4,6-Dinitro-2-methylphenol
Concen: 6.222 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.35 min
Lab File: BG037349.D
Acq: 16 Oct 2018 2:24

Tgt Ion:198 Resp: 470
Ion Ratio Lower Upper
198 100
51 27.2 22.7 62.7
105 34.7 19.7 59.7



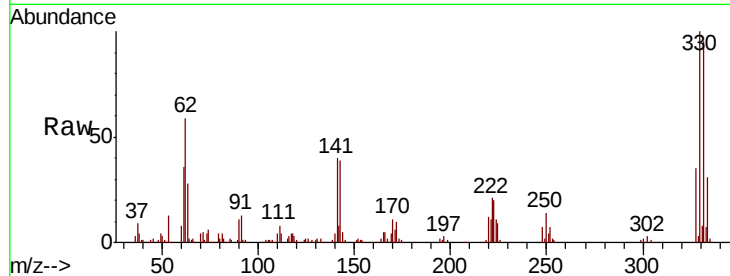
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



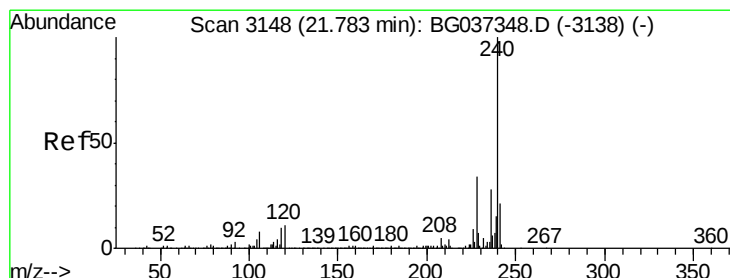
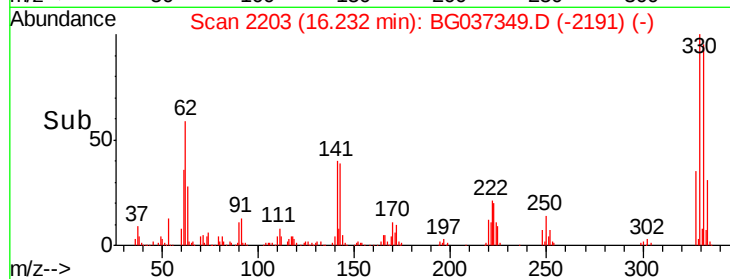
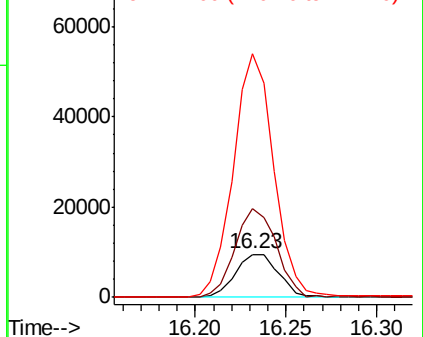


#67
 4-Bromophenyl-phenylether
 Concen: 3.096 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.46 min
 Lab File: BG037349.D
 Acq: 16 Oct 2018 2:24

Tot Ion:248 Resp: 15919
 Ion Ratio Lower Upper
 248 100
 250 270.2 77.0 115.6#
 141 570.8 55.5 83.3#

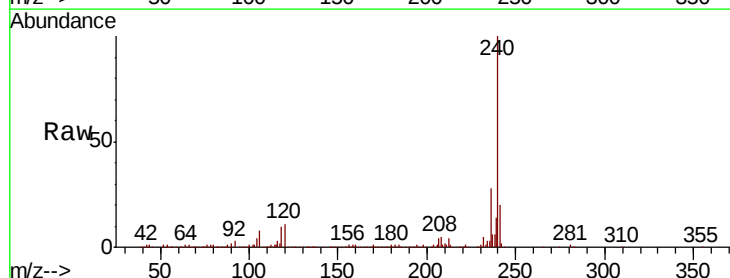


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

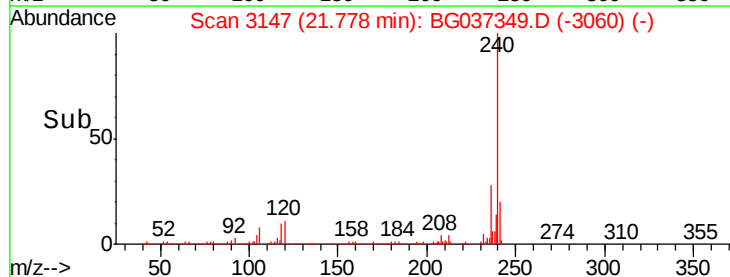
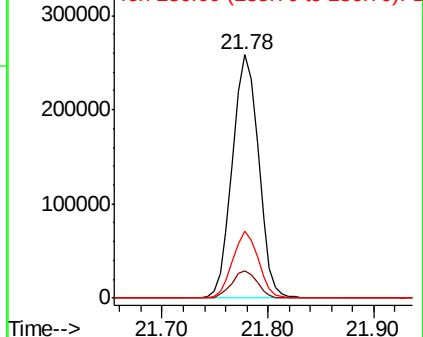


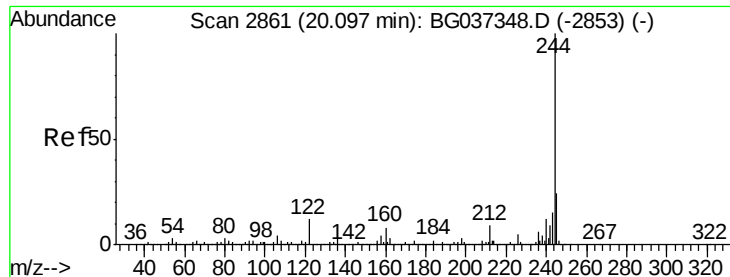
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.02 min
 Lab File: BG037349.D
 Acq: 16 Oct 2018 2:24

Tgt Ion:240 Resp: 443635
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.1 12.1
 236 27.7 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: 84.285 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG037349.D

Acq: 16 Oct 2018 2:24

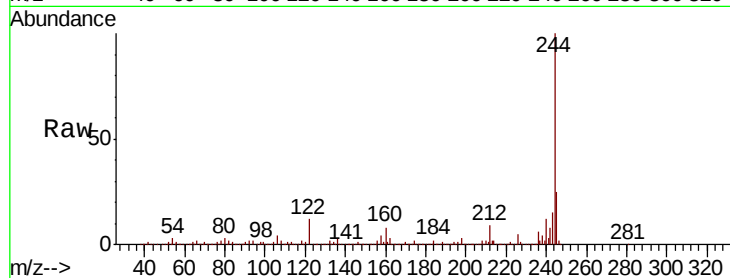
Tot Ion:244 Resp: 1780783

Ion Ratio Lower Upper

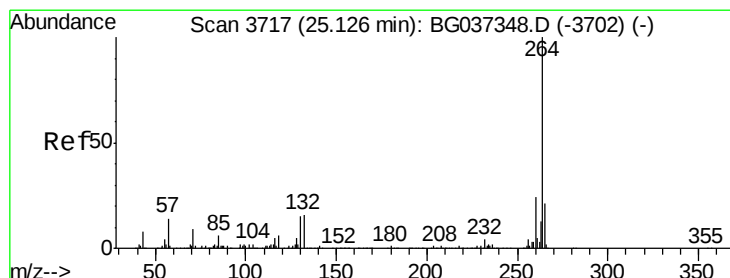
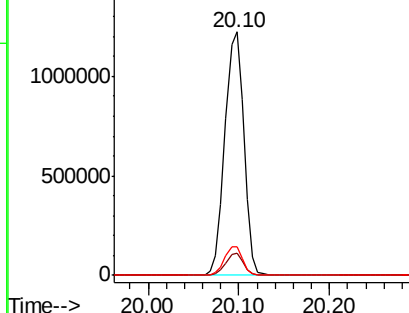
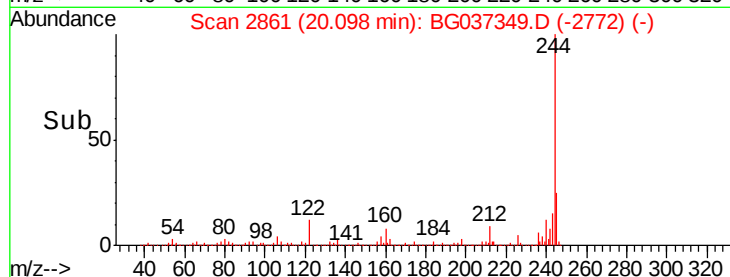
244 100

212 9.0 6.5 9.7

122 11.9 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# 3716

Delta R.T. -0.02 min

Lab File: BG037349.D

Acq: 16 Oct 2018 2:24

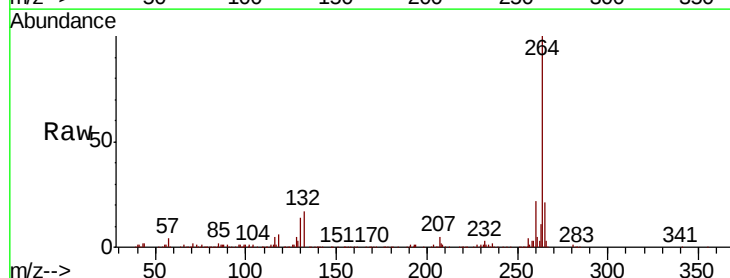
Tgt Ion:264 Resp: 443630

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 20.9 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

