

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037353.D
 Acq On : 16 Oct 2018 5:00
 Operator : JU/SJ
 Sample : J5511-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 16 07:13:05 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	64119	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	288708	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	194892	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	479996	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	446981	20.00	ng	-0.02
87) Perylene-d12	25.12	264	457724	20.00	ng	-0.03

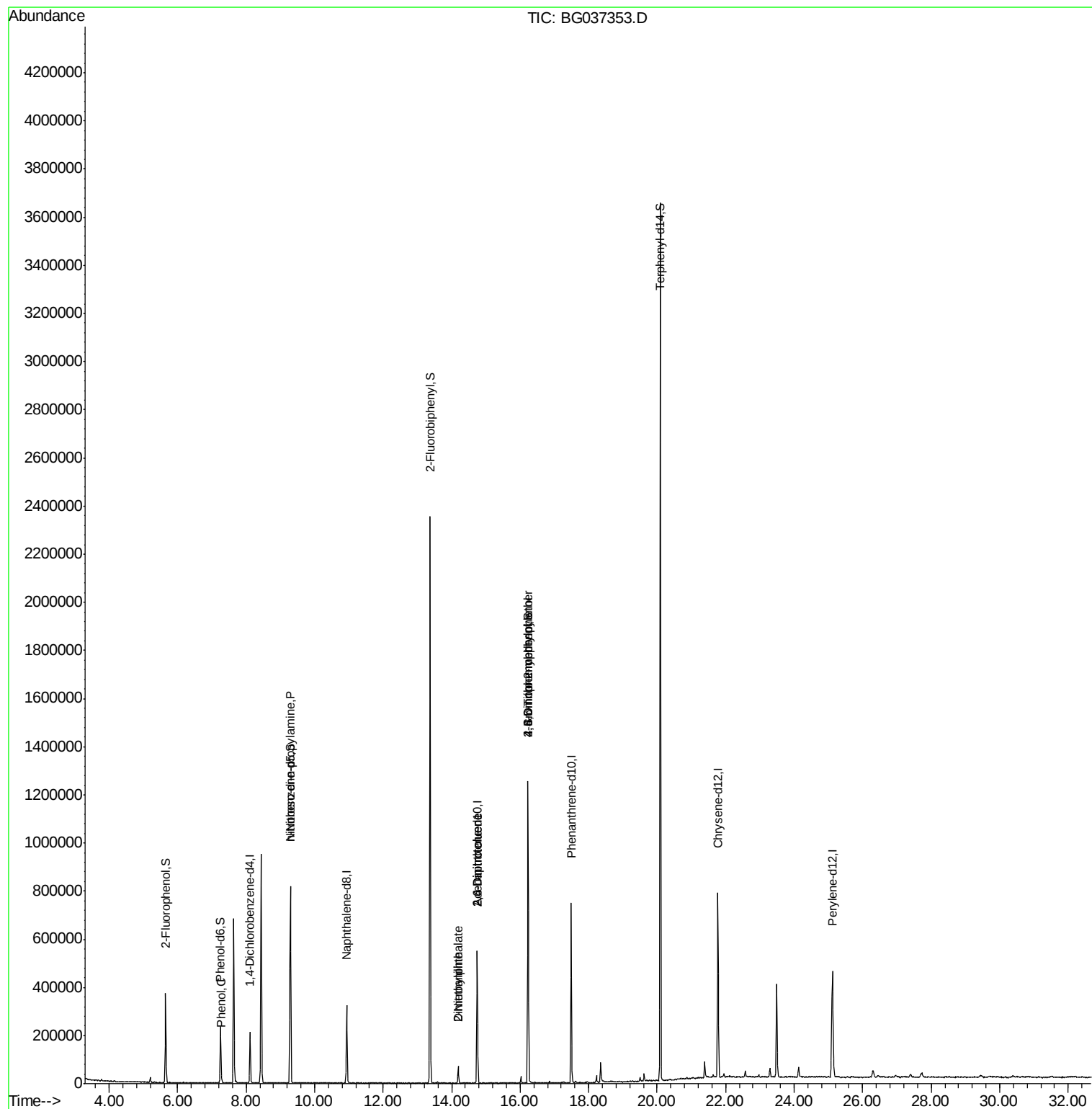
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	173492	47.62	ng	0.00
7) Phenol-d6	7.25	99	152530	27.58	ng	0.00
23) Nitrobenzene-d5	9.29	82	507680	115.61	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	220886	115.57	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	1257116	96.87	ng	0.00
79) Terphenyl-d14	20.09	244	1803252	84.71	ng	0.00

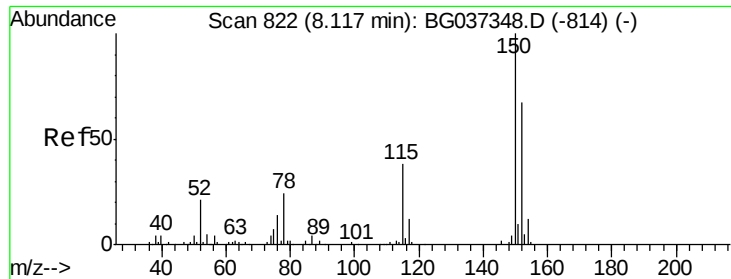
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.28	94	14332	2.461	ng	94
19) n-Nitroso-di-n-propylamine	9.29	70	64338	15.367	ng	# 69
48) 2-Nitroaniline	14.18	65	439	5.873	ng	# 1
50) Dimethylphthalate	14.19	163	49963	3.262	ng	# 96
51) 2,6-Dinitrotoluene	14.74	165	25031	12.381	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	25031	11.241	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	664	6.333	ng	84
67) 4-Bromophenyl-phenylether	16.23	248	16301	3.147	ng	# 1

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

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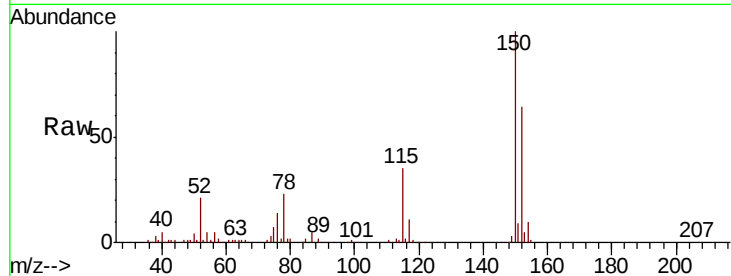




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037353.D
Acq: 16 Oct 2018 5:00

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.0	189.0
115	54.8	45.5	68.3

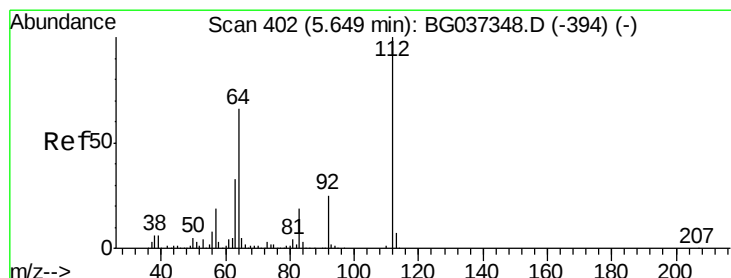
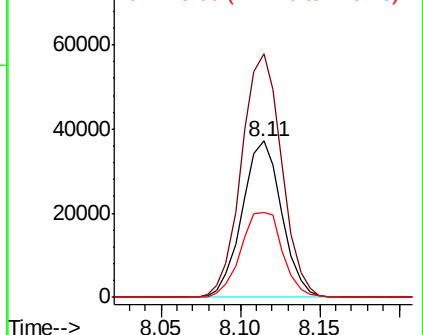
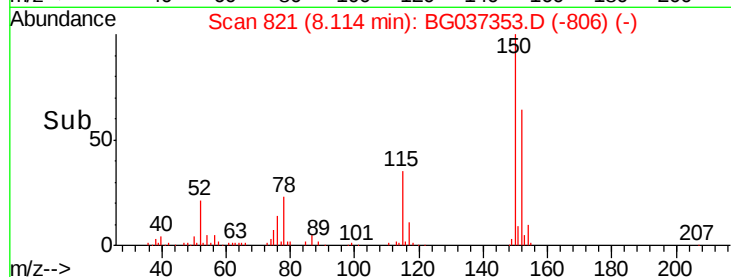


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

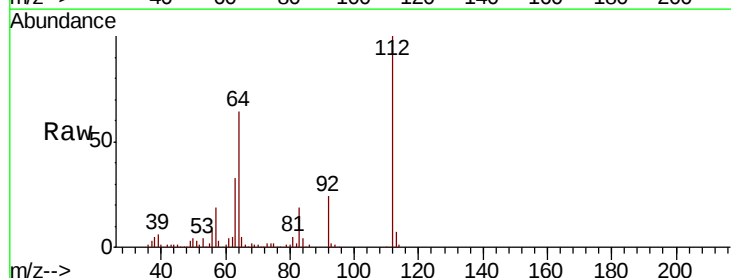
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.619 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037353.D
Acq: 16 Oct 2018 5:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.1	79.7
63	33.1	27.3	40.9

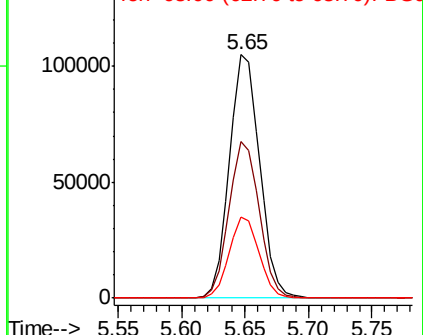
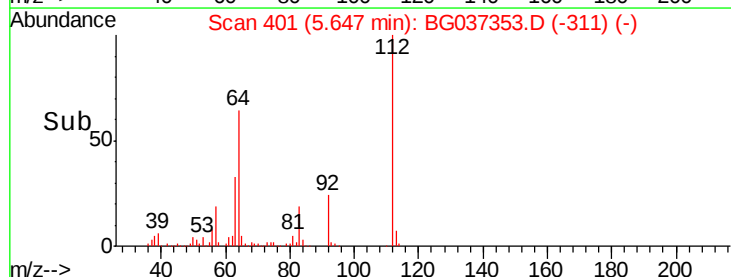


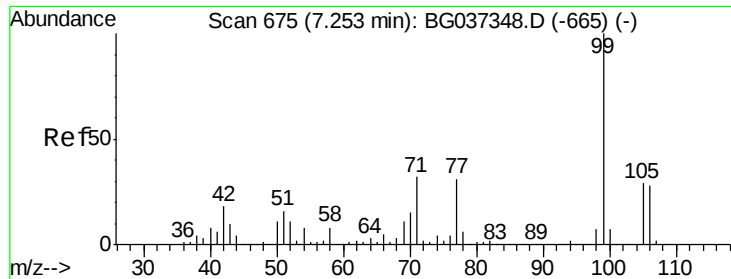
Abundance

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: 27.582 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037353.D

Acq: 16 Oct 2018 5:00

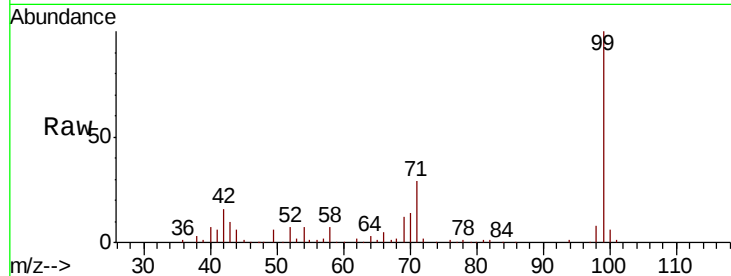
Tot Ion: 99 Resp: 152530

Ion Ratio Lower Upper

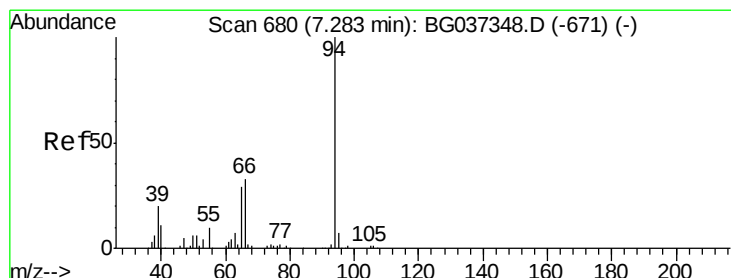
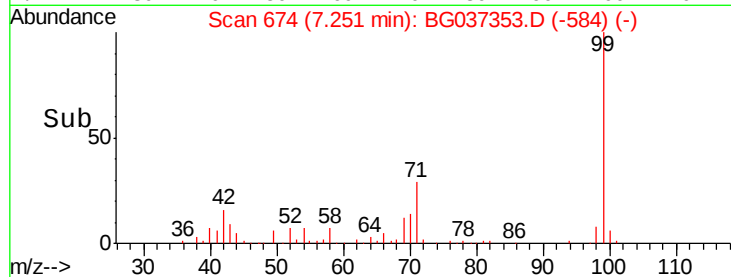
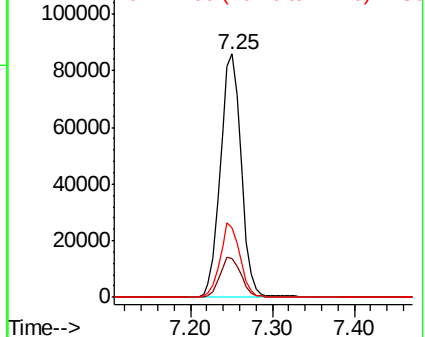
99 100

42 15.9 15.0 22.4

71 28.5 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: 2.461 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG037353.D

Acq: 16 Oct 2018 5:00

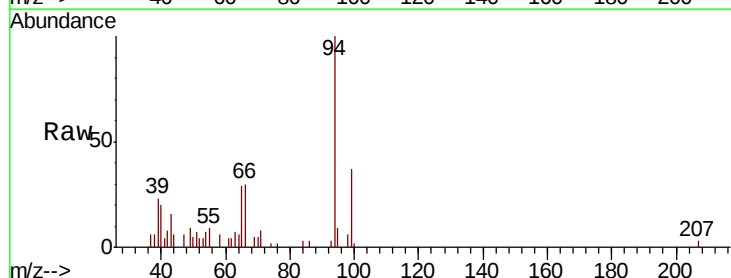
Tgt Ion: 94 Resp: 14332

Ion Ratio Lower Upper

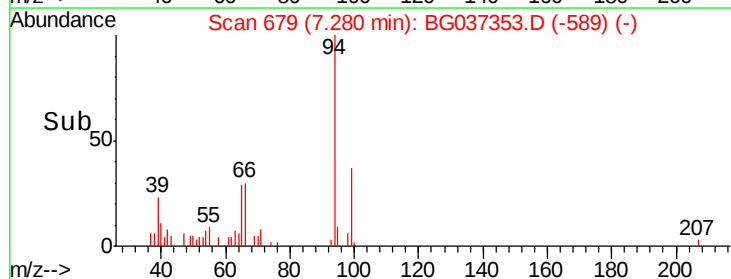
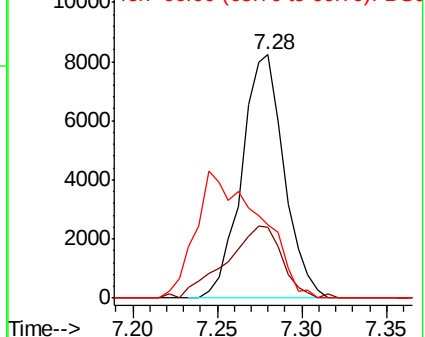
94 100

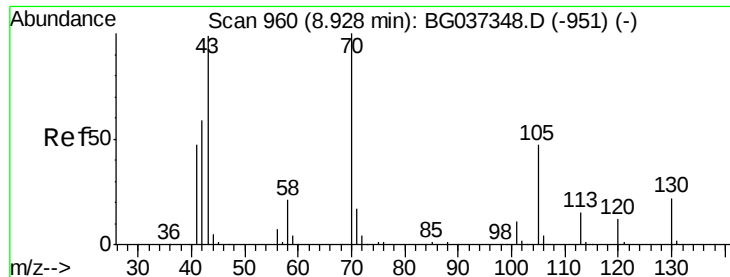
65 29.1 9.7 49.7

66 30.2 15.9 55.9



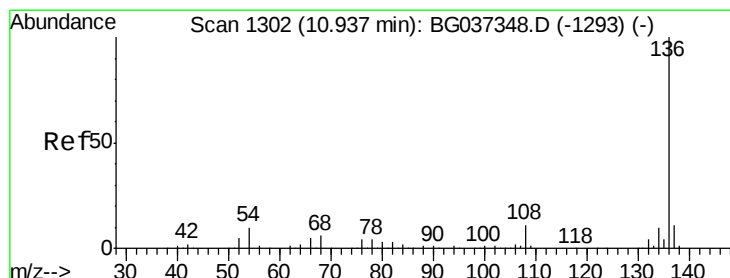
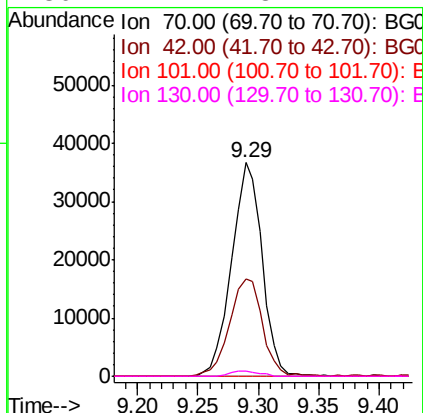
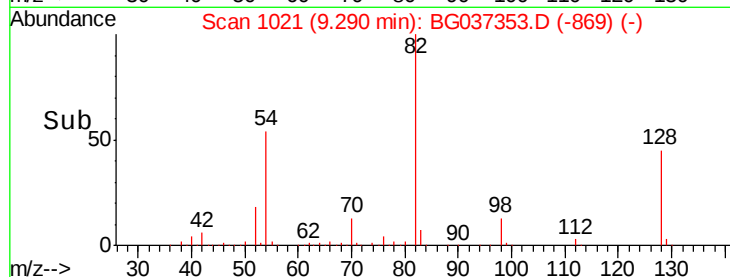
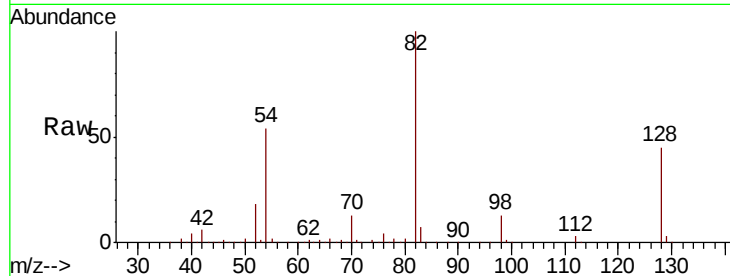
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





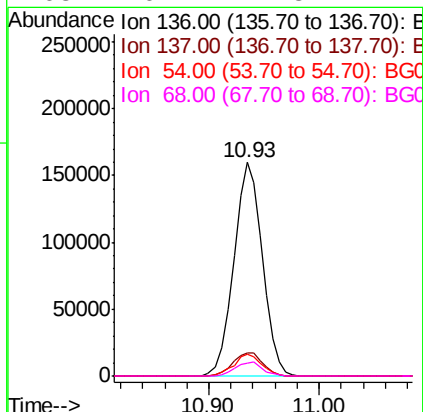
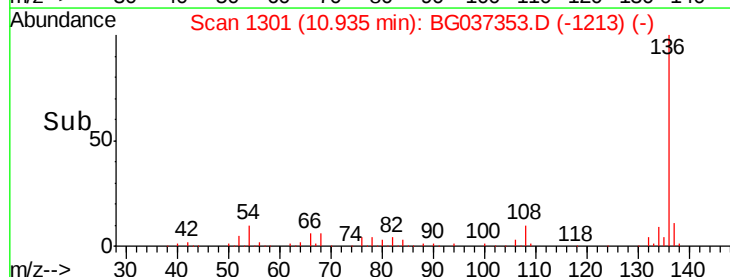
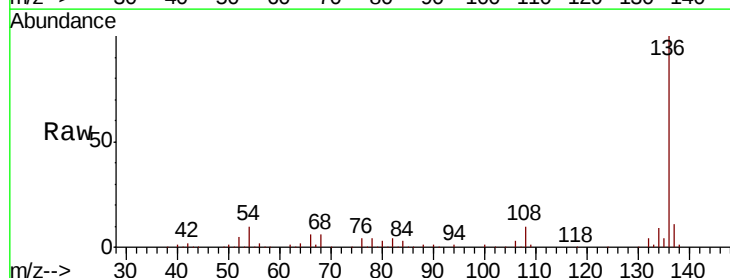
#19
n-Nitroso-di-n-propylamine
Concen: 15.367 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037353.D
Acq: 16 Oct 2018 5:00

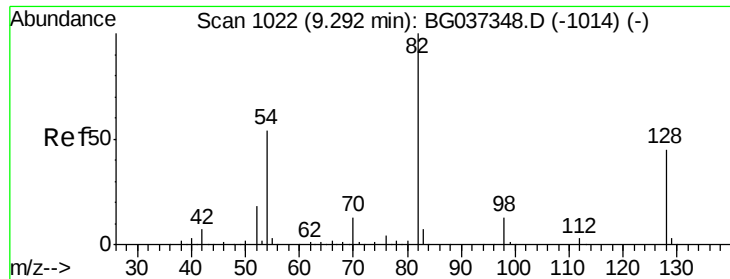
Tot Ion: 70 Resp: 64338
Ion Ratio Lower Upper
70 100
42 45.4 53.9 80.9#
101 0.0 8.2 12.2#
130 2.7 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037353.D
Acq: 16 Oct 2018 5:00

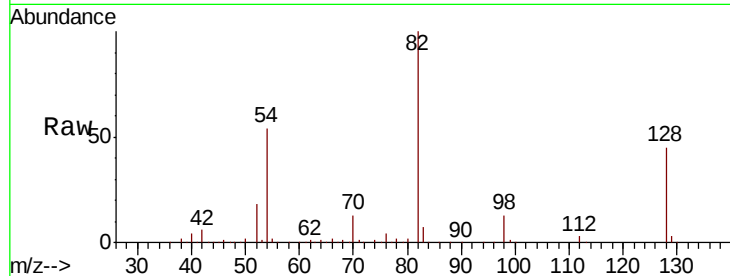
Tgt Ion: 136 Resp: 288708
Ion Ratio Lower Upper
136 100
137 11.0 9.6 14.4
54 9.9 7.9 11.9
68 6.2 4.8 7.2



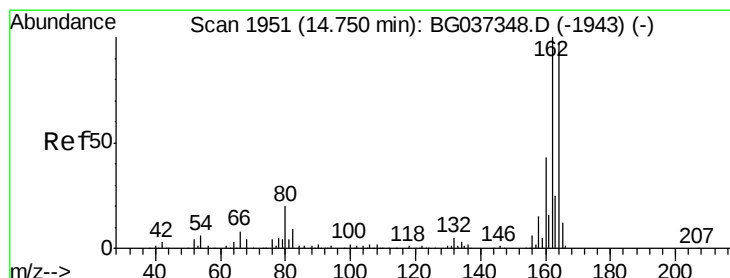
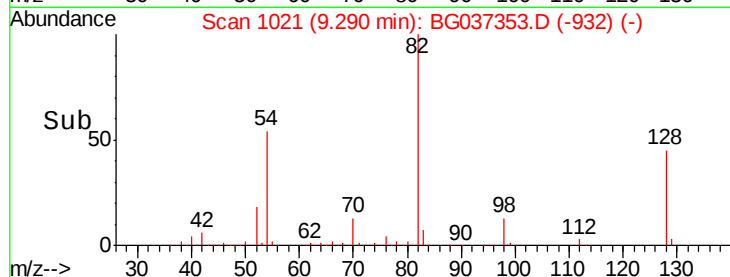
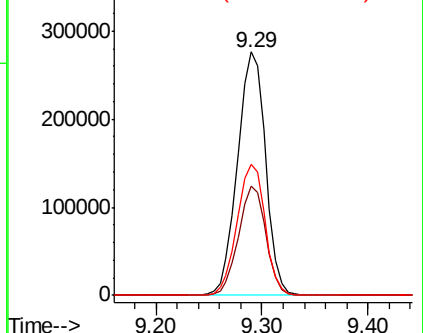


#23
Nitrobenzene-d5
Concen: 115.609 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037353.D
Acq: 16 Oct 2018 5:00

Tot Ion: 82 Resp: 507680
Ion Ratio Lower Upper
82 100
128 44.8 34.6 51.8
54 54.0 45.3 67.9

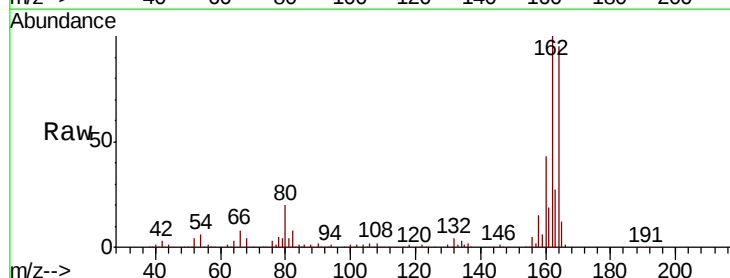


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

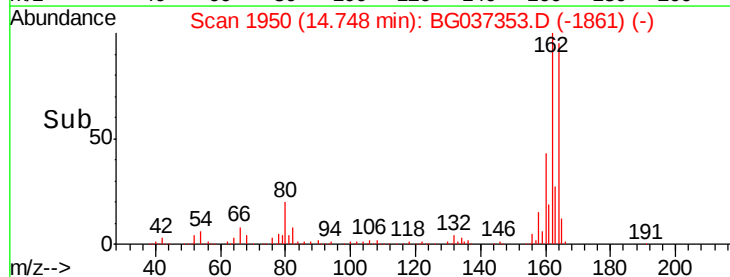
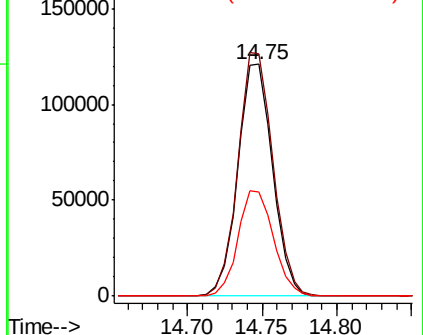


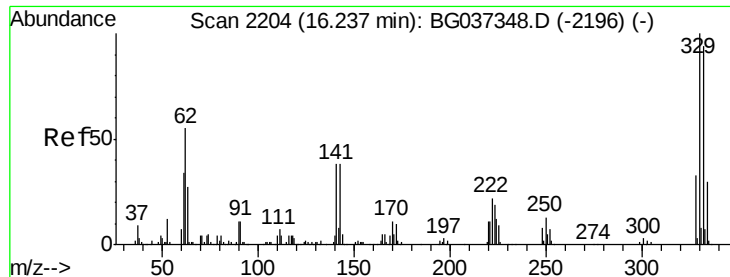
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037353.D
Acq: 16 Oct 2018 5:00

Tgt Ion: 164 Resp: 194892
Ion Ratio Lower Upper
164 100
162 104.8 81.3 121.9
160 45.1 36.3 54.5



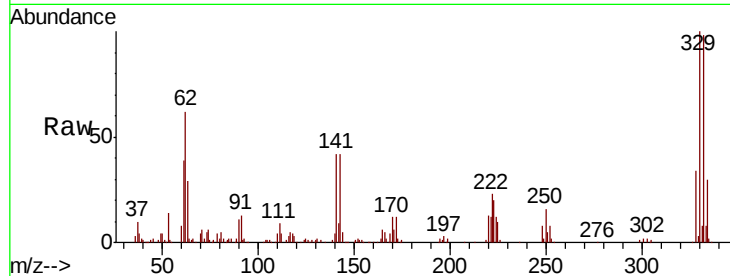
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42
 2,4,6-Tribromophenol
 Concen: 115.566 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG037353.D
 Acq: 16 Oct 2018 5:00

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.4	117.6
141	40.1	32.2	48.2

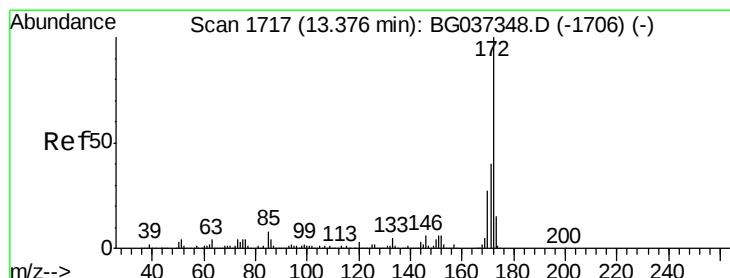
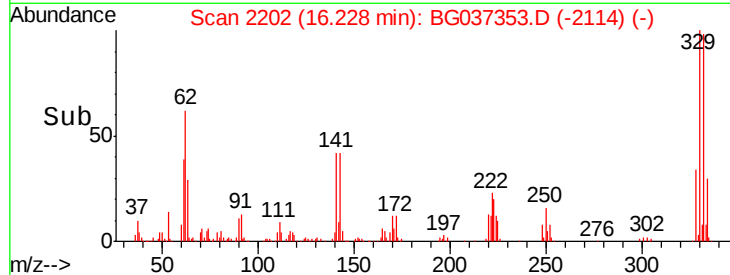
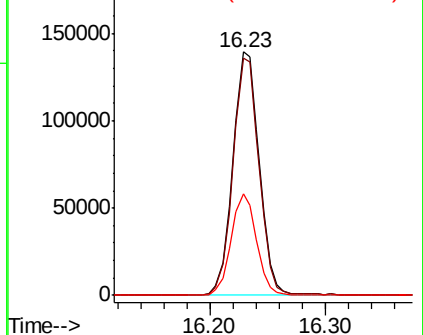


Abundance

Ion 329.80 (329.50 to 330.50): E

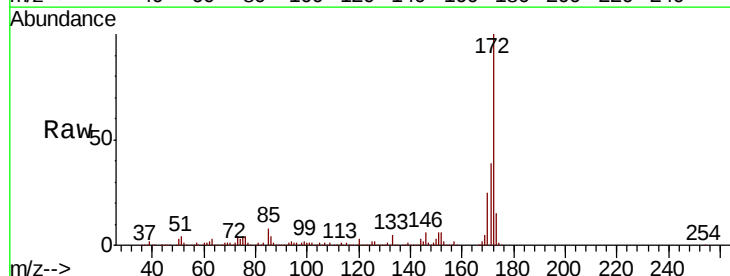
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.869 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037353.D
 Acq: 16 Oct 2018 5:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.0	46.4
170	25.5	20.2	30.2

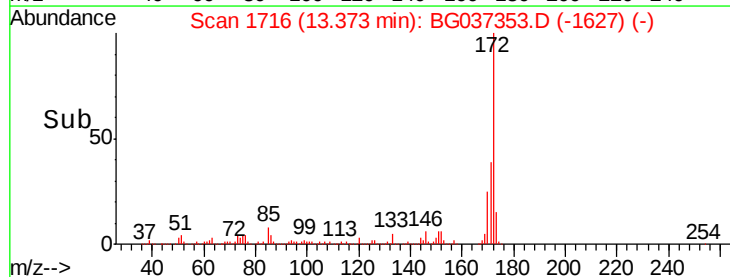
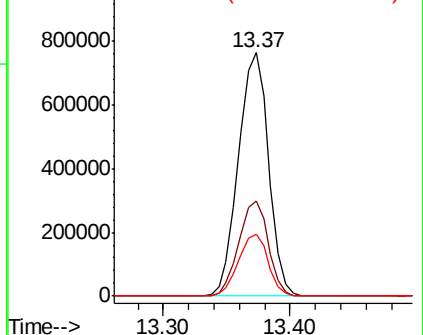


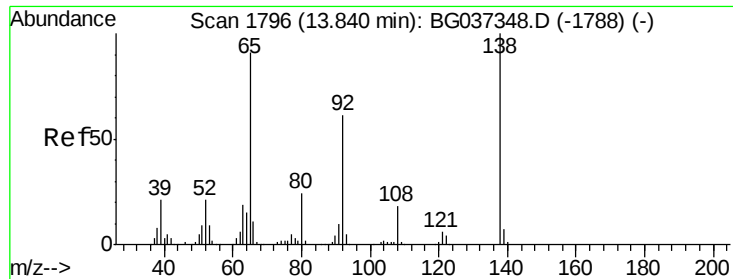
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

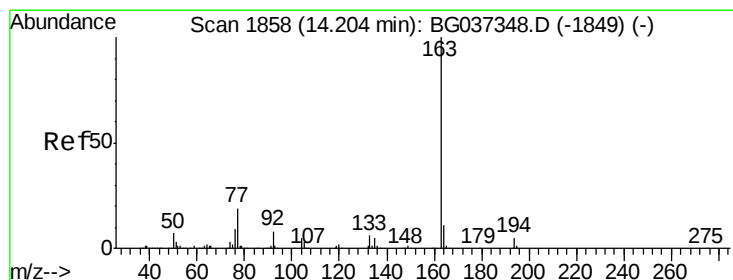
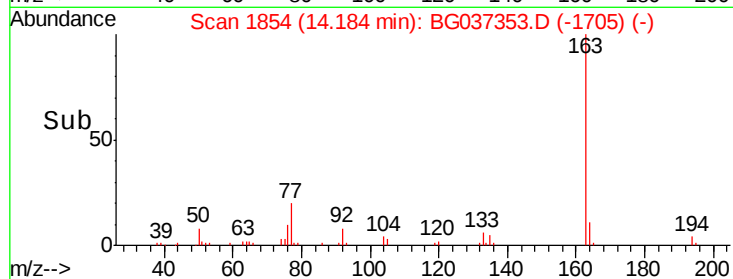
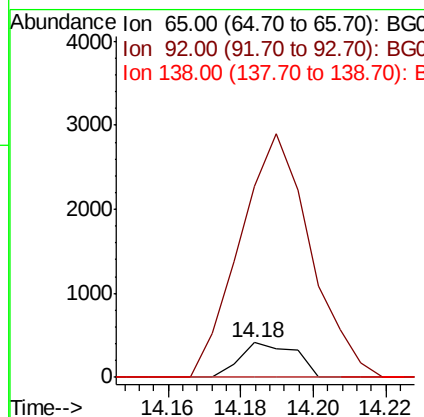
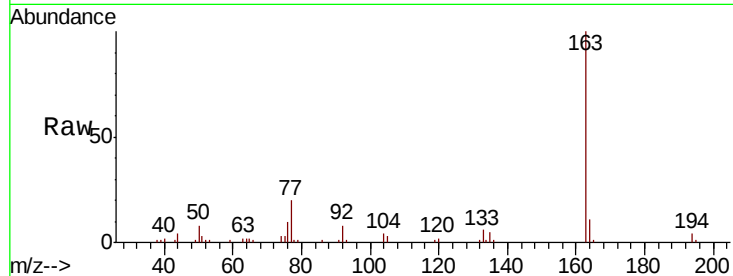
Ion 170.00 (169.70 to 170.70): E





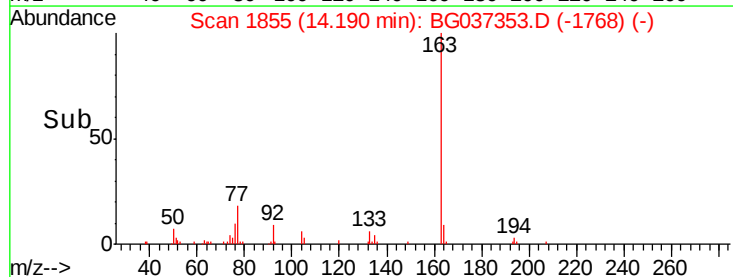
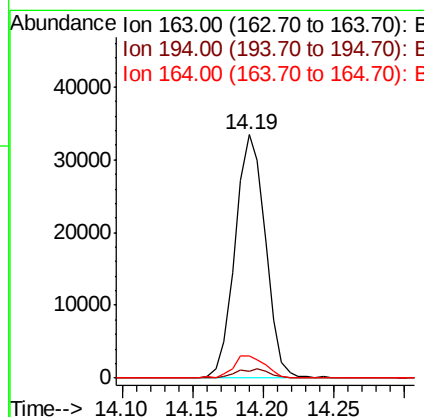
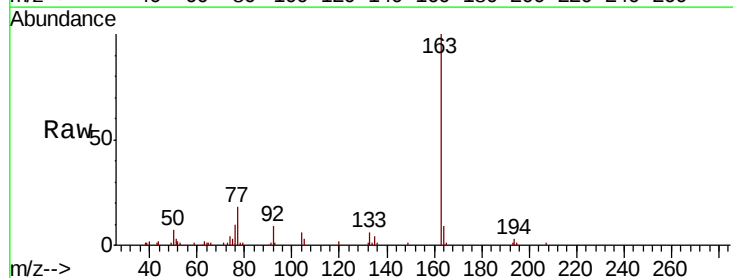
#48
2-Nitroaniline
Concen: 5.873 ng
RT: 14.18 min Scan# 1854
Delta R.T. 0.34 min
Lab File: BG037353.D
Acq: 16 Oct 2018 5:00

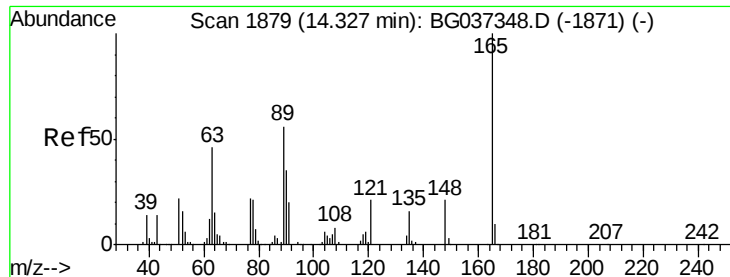
Tot Ion: 65 Resp: 439
Ion Ratio Lower Upper
65 100
92 549.6 53.2 79.8#
138 0.0 79.3 118.9#



#50
Dimethylphthalate
Concen: 3.262 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG037353.D
Acq: 16 Oct 2018 5:00

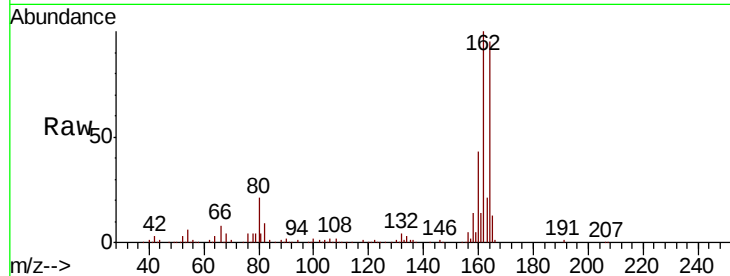
Tgt Ion: 163 Resp: 49963
Ion Ratio Lower Upper
163 100
194 2.9 3.5 5.3#
164 9.4 8.5 12.7



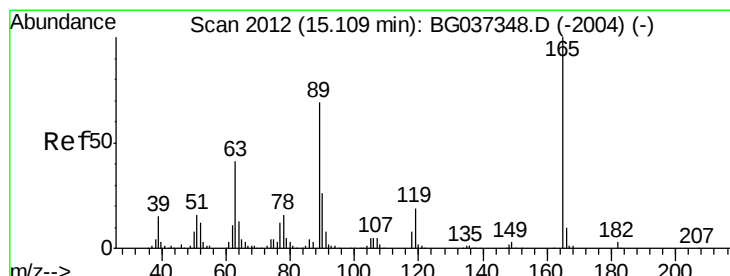
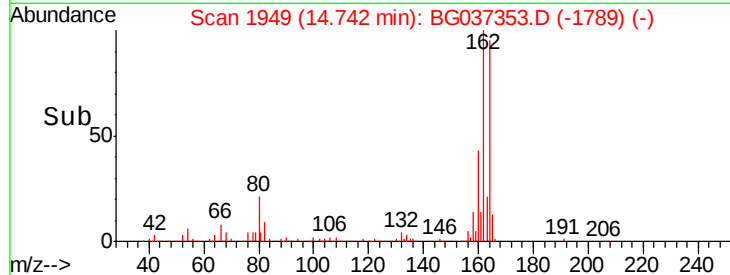
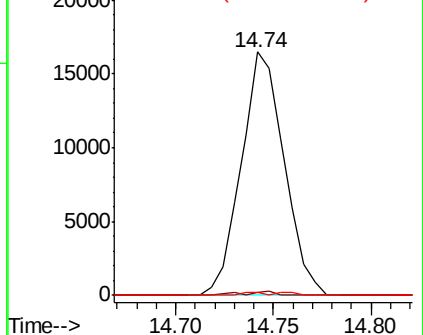


#51
 2,6-Dinitrotoluene
 Concen: 12.381 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.41 min
 Lab File: BG037353.D
 Acq: 16 Oct 2018 5:00

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.2#
89	1.1	45.8	68.6#



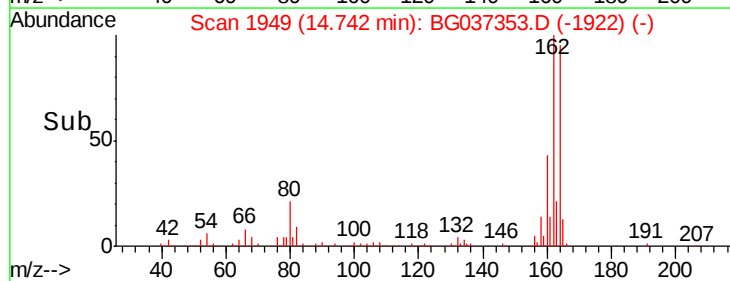
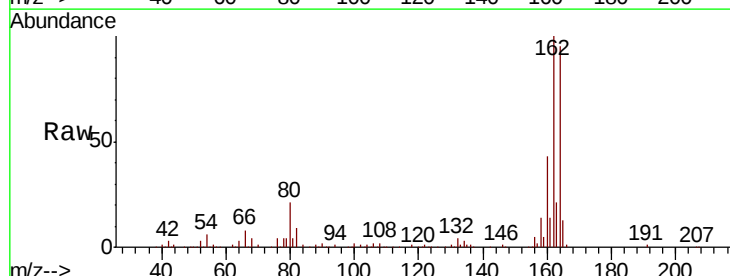
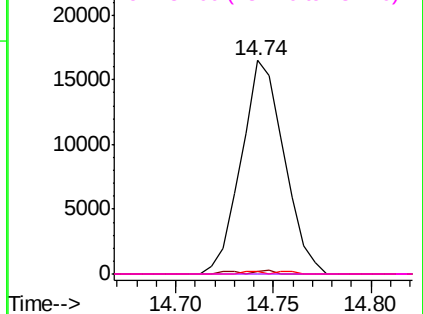
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

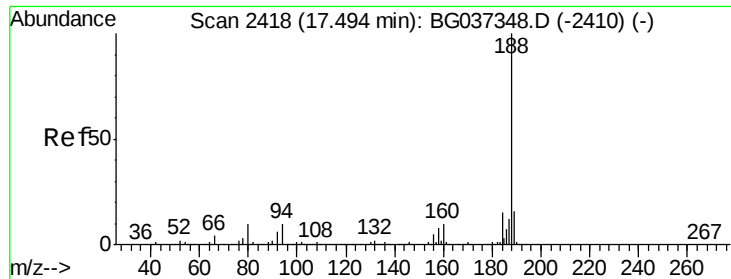


#57
 2,4-Dinitrotoluene
 Concen: 11.241 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.37 min
 Lab File: BG037353.D
 Acq: 16 Oct 2018 5:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	1.1	57.2	85.8#
182	0.0	2.6	4.0#

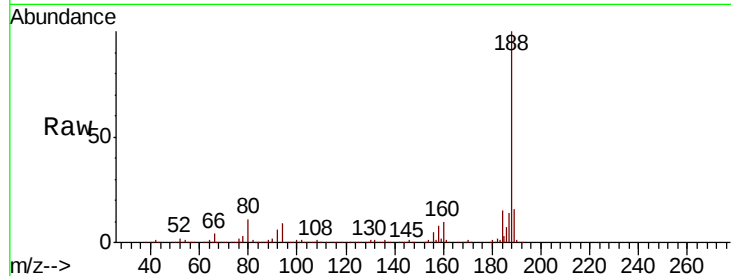
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E



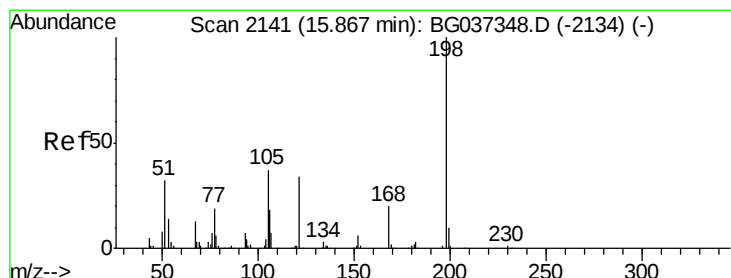
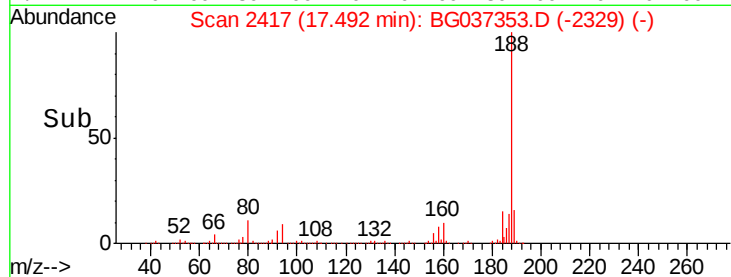
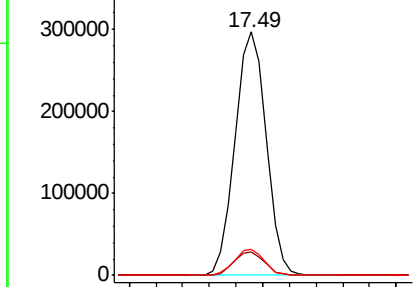


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG037353.D
 Acq: 16 Oct 2018 5:00

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.9	7.7	11.5

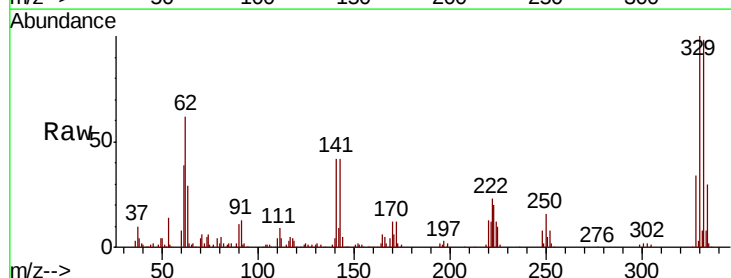


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

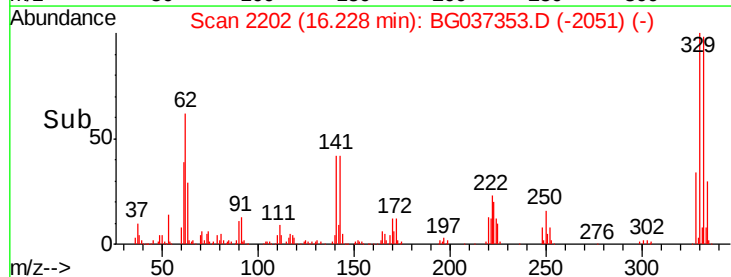
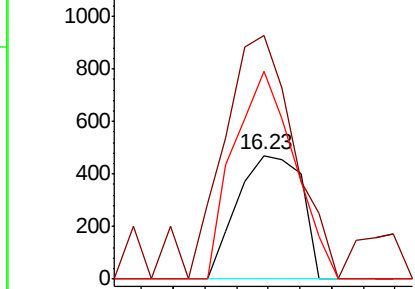


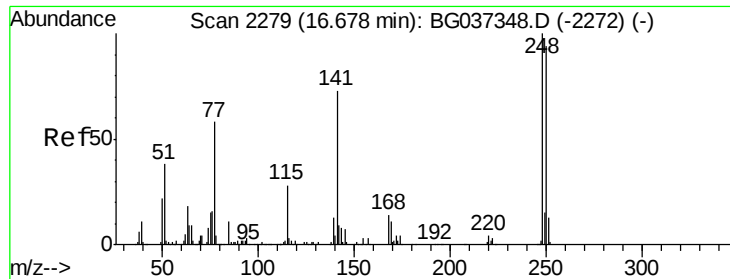
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.333 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.36 min
 Lab File: BG037353.D
 Acq: 16 Oct 2018 5:00

Tgt Ion	Ratio	Lower	Upper
198	100		
51	33.8	22.7	62.7
105	28.9	19.7	59.7



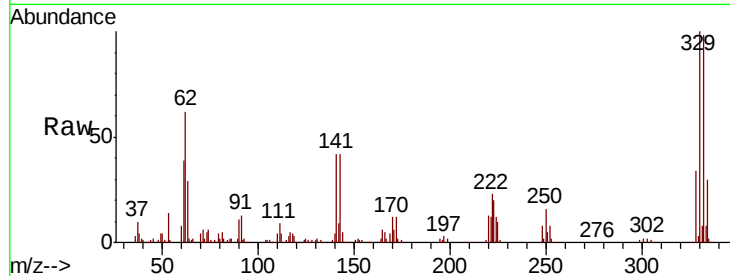
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E



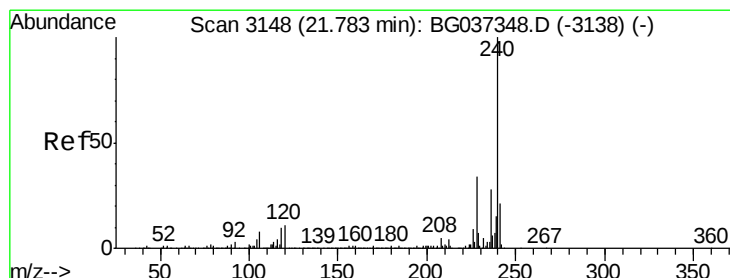
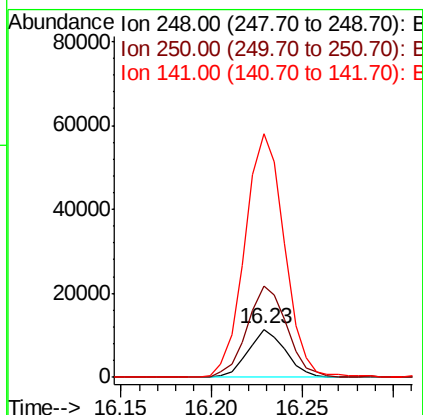
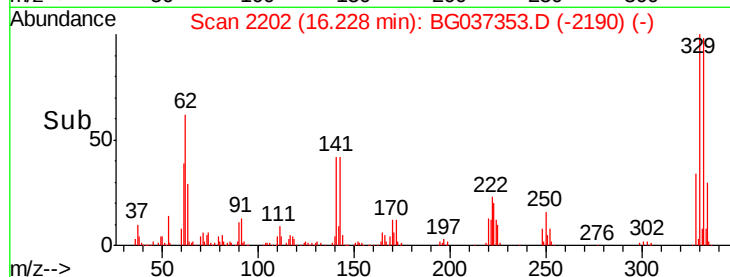


#67
 4-Bromophenyl-phenylether
 Concen: 3.147 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.46 min
 Lab File: BG037353.D
 Acq: 16 Oct 2018 5:00

Tot Ion:248 Resp: 16301
 Ion Ratio Lower Upper
 248 100
 250 195.1 77.0 115.6#
 141 397.1 55.5 83.3#

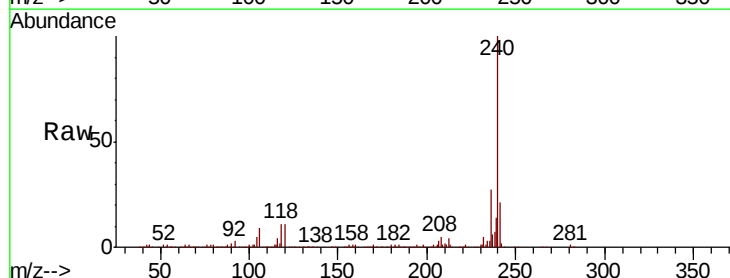


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

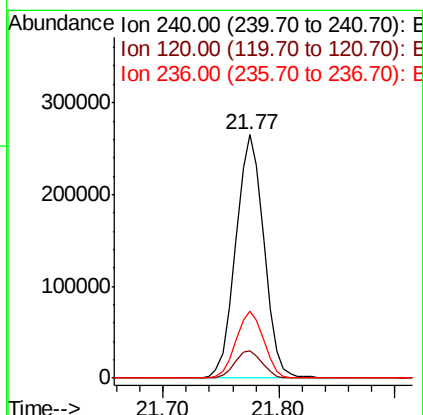
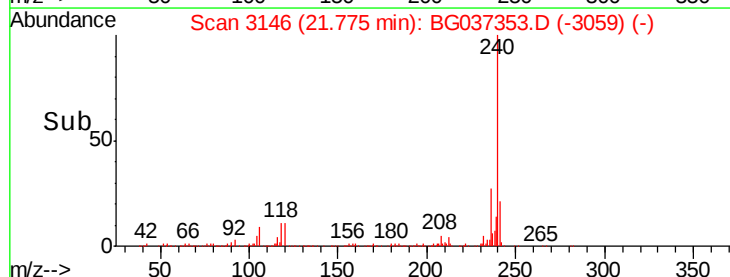


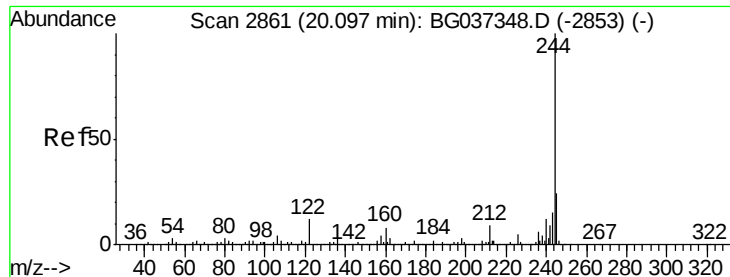
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.02 min
 Lab File: BG037353.D
 Acq: 16 Oct 2018 5:00

Tgt Ion:240 Resp: 446981
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.1 12.1
 236 27.4 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: 84.710 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037353.D

Acq: 16 Oct 2018 5:00

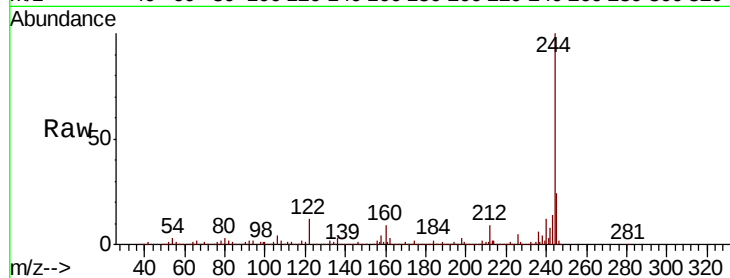
Tot Ion:244 Resp: 1803252

Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

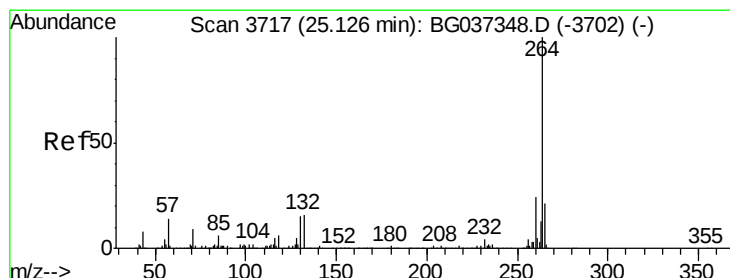
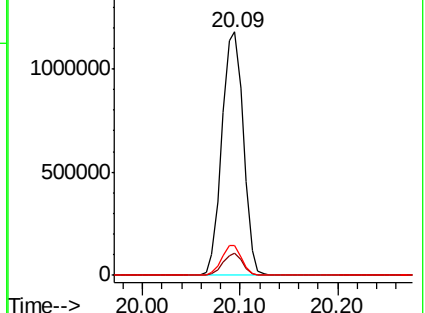
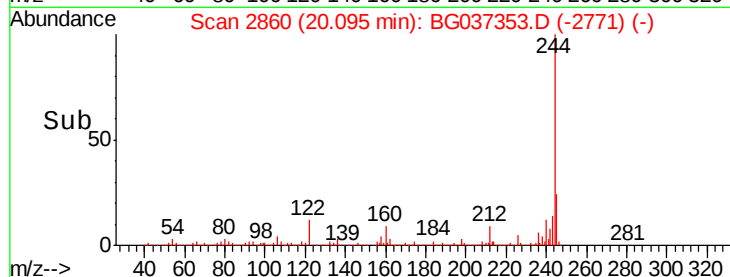
122 12.0 9.0 13.4



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: BG037353.D

Acq: 16 Oct 2018 5:00

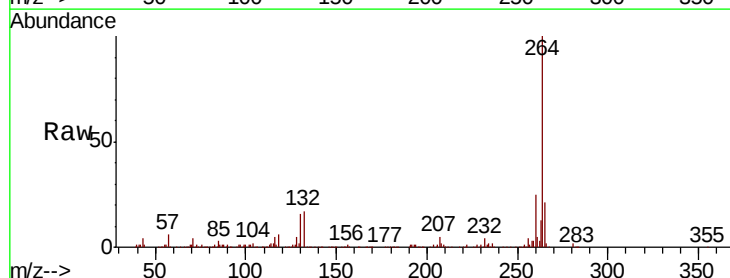
Tgt Ion:264 Resp: 457724

Ion Ratio Lower Upper

264 100

260 25.2 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

