

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037340.D
 Acq On : 15 Oct 2018 19:20
 Operator : JU/SJ
 Sample : J5461-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 16 04:17:20 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	56362	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	235634	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	158438	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	409385	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	381329	20.00	ng	-0.02
87) Perylene-d12	25.12	264	381969	20.00	ng	-0.03

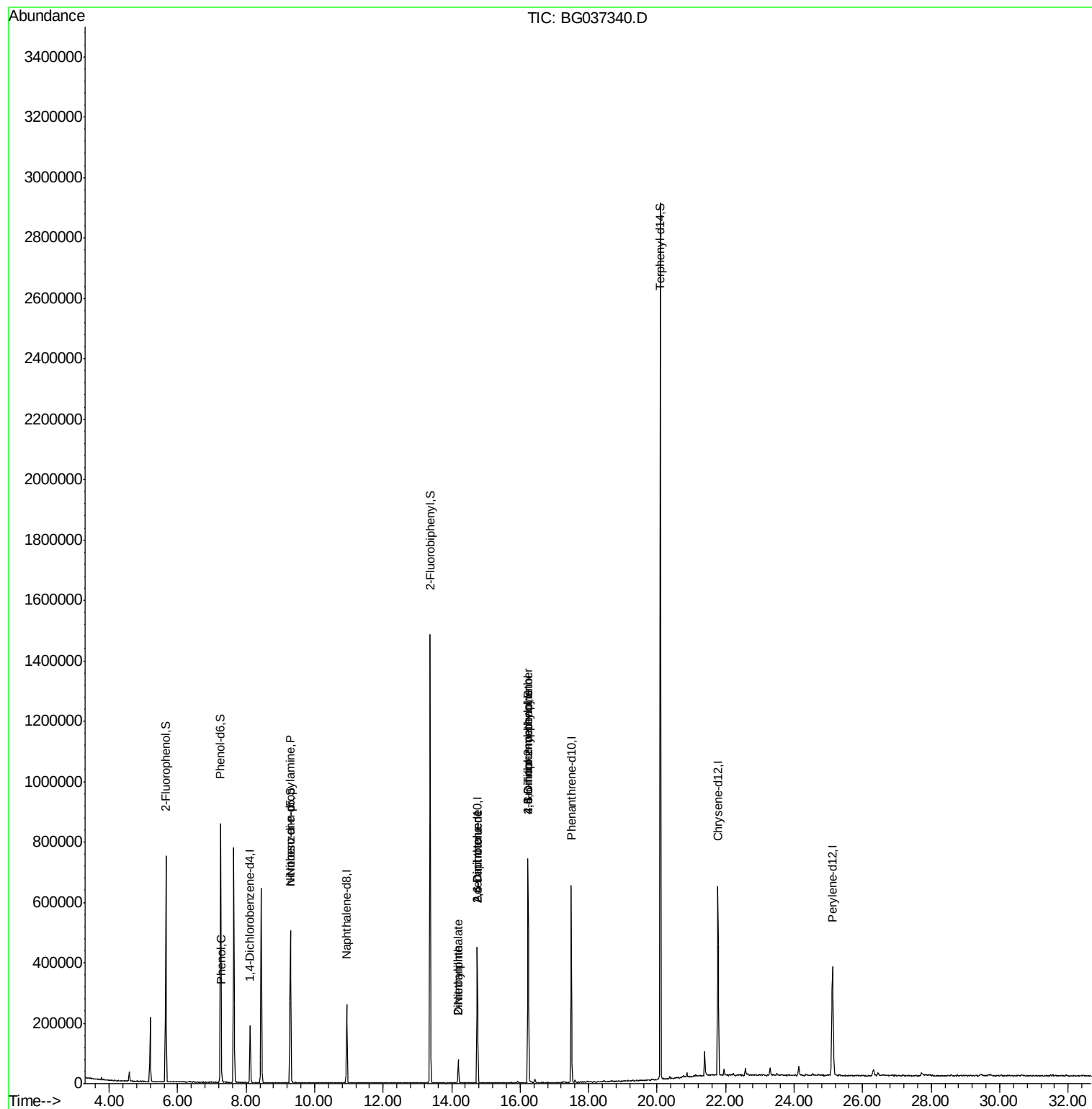
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	342674	107.00	ng	0.00
7) Phenol-d6	7.25	99	547274	112.59	ng	0.00
23) Nitrobenzene-d5	9.29	82	306525	85.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	138461	89.11	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	814839	77.24	ng	-0.01
79) Terphenyl-d14	20.09	244	1337152	73.63	ng	-0.01

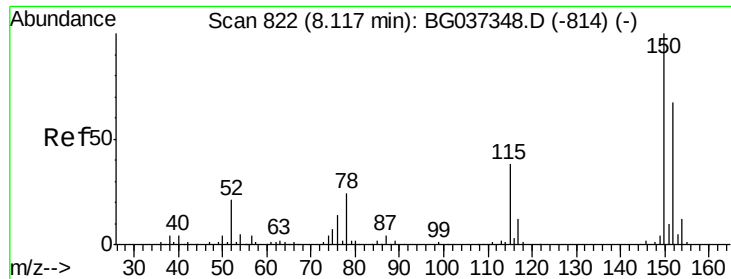
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.28	94	14690	2.869	ng	91
19) n-Nitroso-di-n-propylamine	9.29	70	37601	10.217	ng	# 70
48) 2-Nitroaniline	14.20	65	293	5.852	ng	# 1
50) Dimethylphthalate	14.19	163	57036	4.581	ng	98
51) 2,6-Dinitrotoluene	14.75	165	20926	12.596	ng	# 26
57) 2,4-Dinitrotoluene	14.75	165	20926	11.409	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.23	198	346	6.182	ng	# 1
67) 4-Bromophenyl-phenylether	16.23	248	10249	2.320	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
Data File : BG037340.D
Acq On : 15 Oct 2018 19:20
Operator : JU/SJ
Sample : J5461-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 16 04:17:20 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

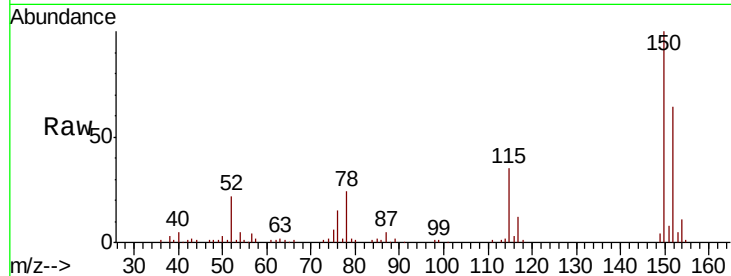




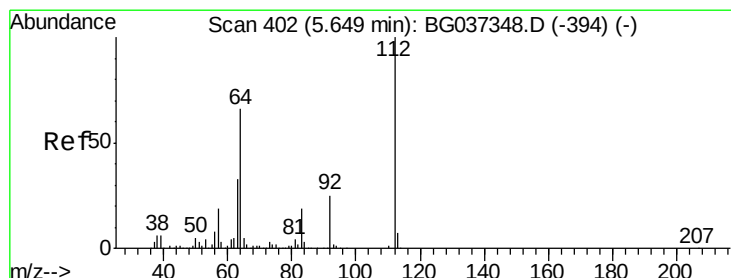
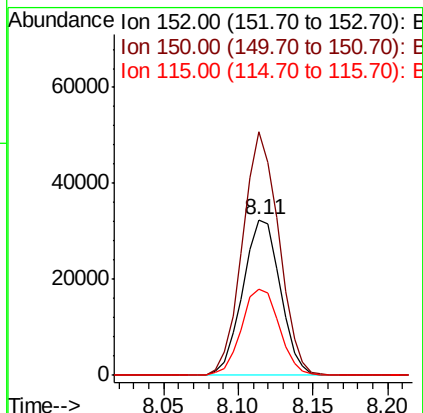
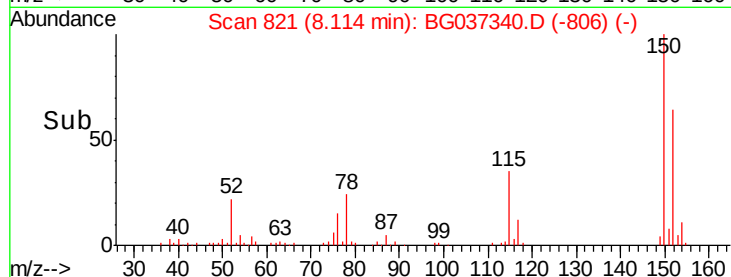
#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG037340.D
 Acq: 15 Oct 2018 19:20

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.0	189.0
115	55.3	45.5	68.3



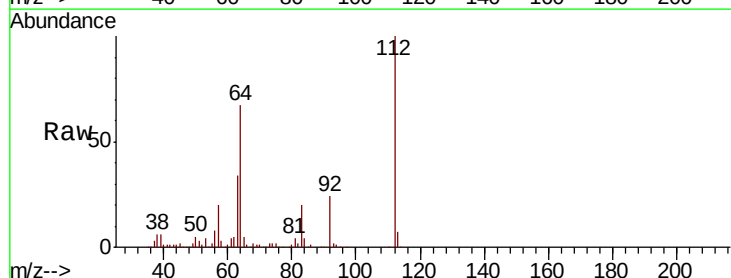
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



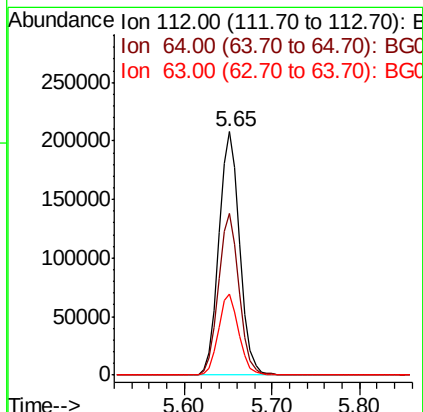
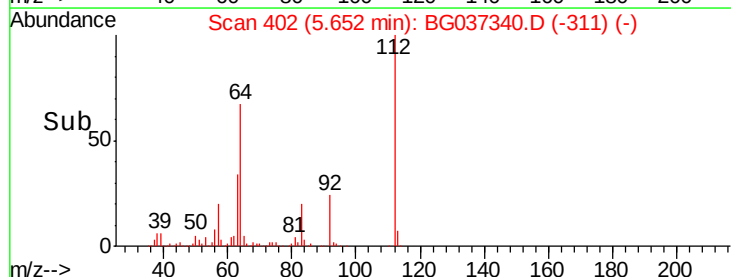
#5

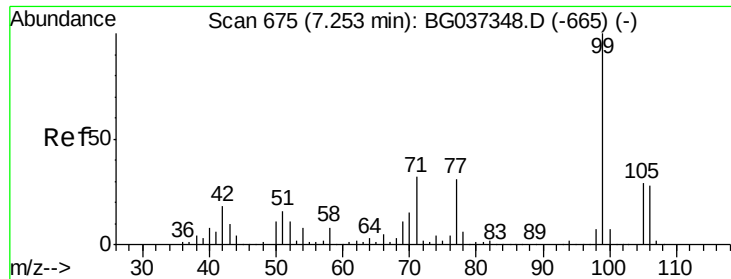
2-Fluorophenol
 Concen: 107.000 ng
 RT: 5.65 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BG037340.D
 Acq: 15 Oct 2018 19:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.1	79.7
63	33.6	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: 112.586 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037340.D

Acq: 15 Oct 2018 19:20

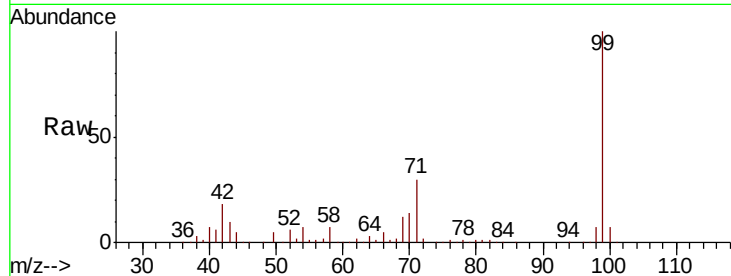
Tot Ion: 99 Resp: 547274

Ion Ratio Lower Upper

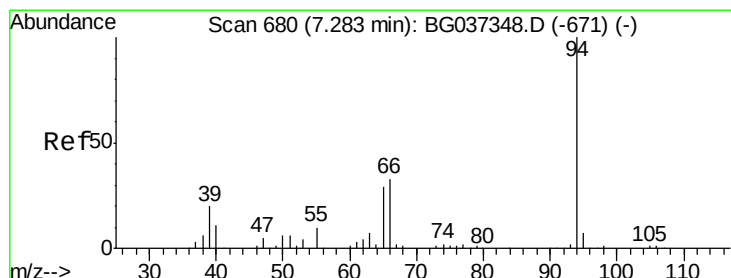
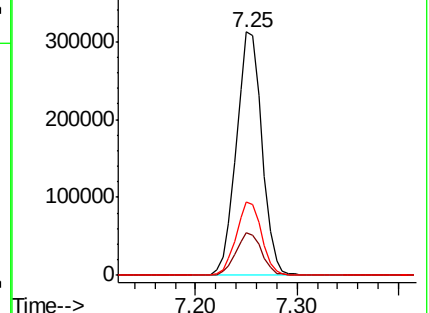
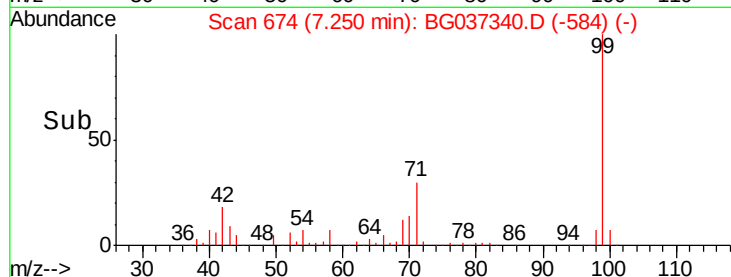
99 100

42 17.7 15.0 22.4

71 30.2 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: 2.869 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG037340.D

Acq: 15 Oct 2018 19:20

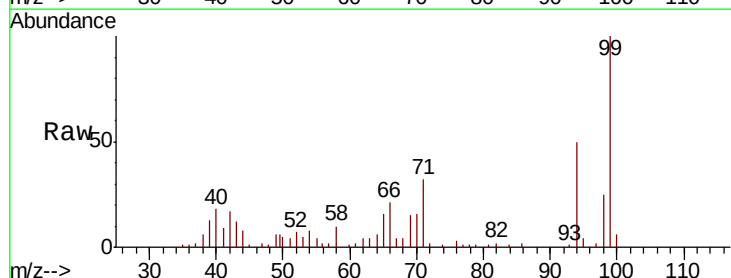
Tgt Ion: 94 Resp: 14690

Ion Ratio Lower Upper

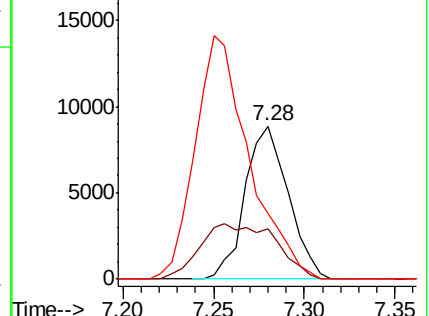
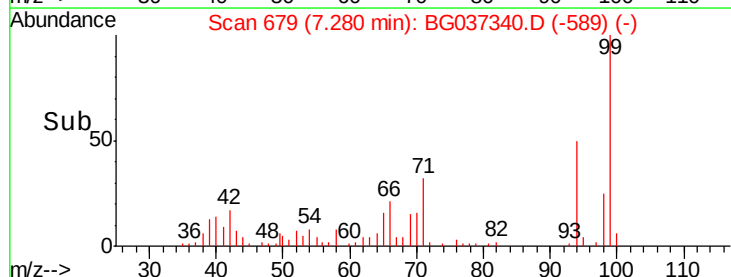
94 100

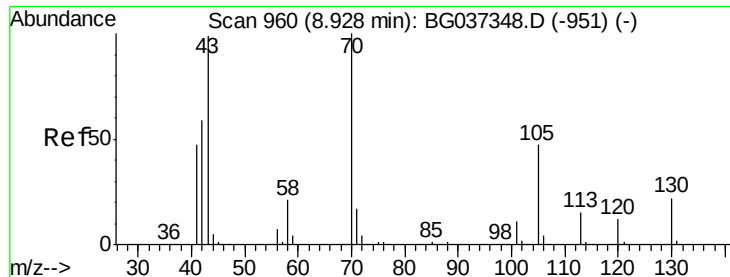
65 32.6 9.7 49.7

66 43.3 15.9 55.9



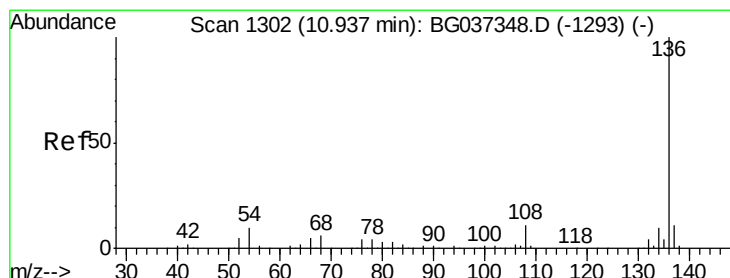
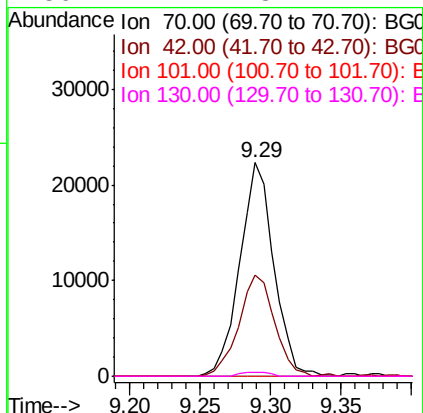
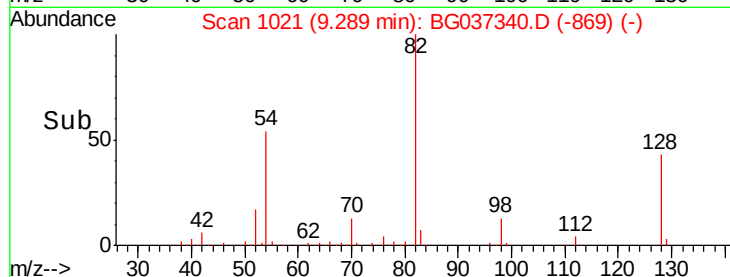
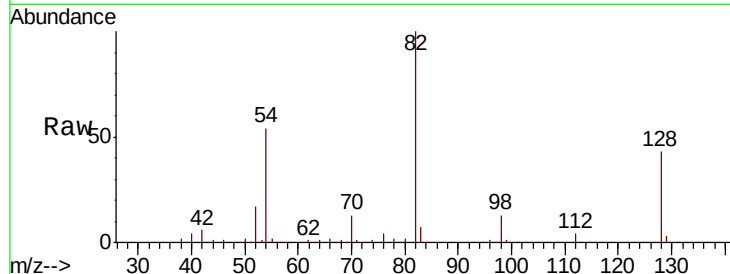
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





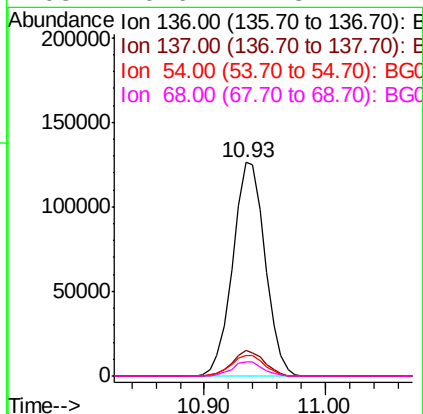
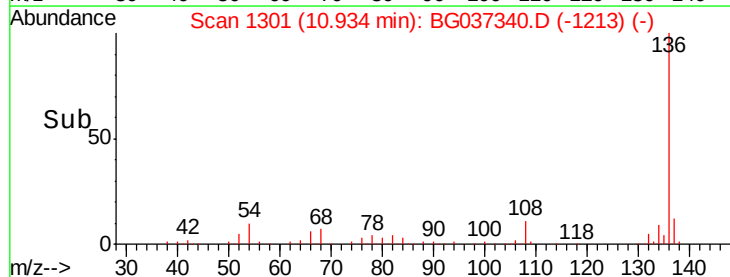
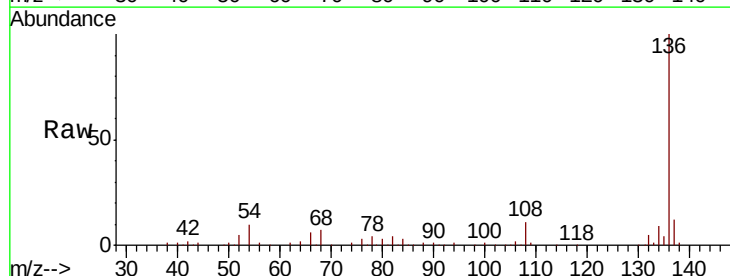
#19
n-Nitroso-di-n-propylamine
Concen: 10.217 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

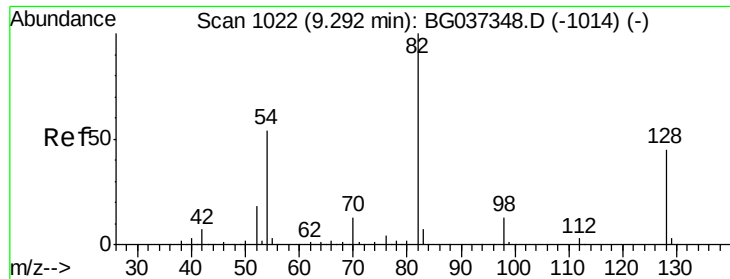
Tot Ion: 70 Resp: 37601
Ion Ratio Lower Upper
70 100
42 47.1 53.9 80.9#
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

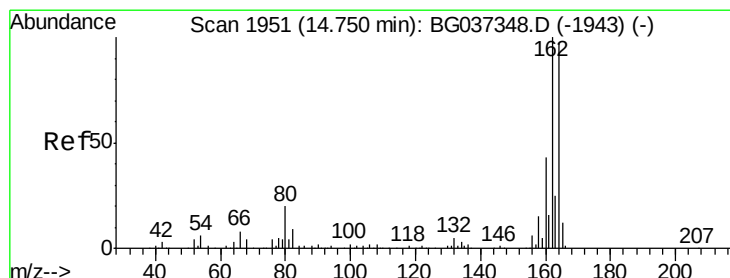
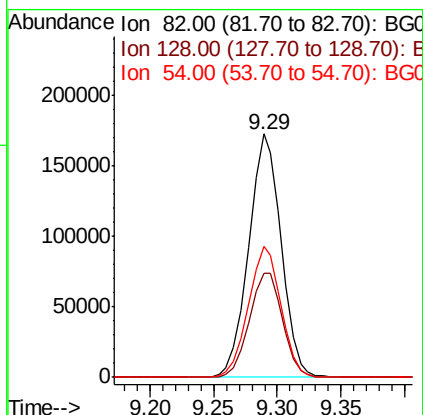
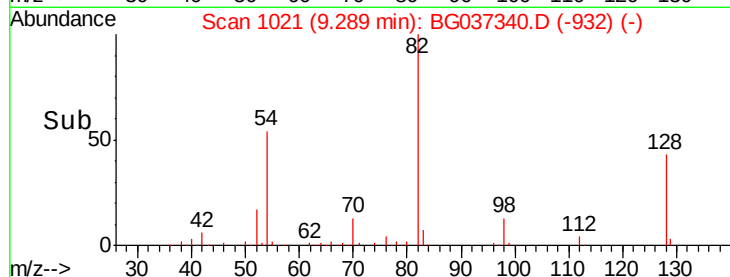
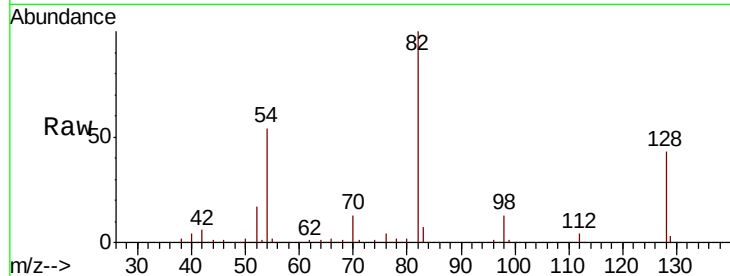
Tgt Ion: 136 Resp: 235634
Ion Ratio Lower Upper
136 100
137 11.8 9.6 14.4
54 9.6 7.9 11.9
68 6.6 4.8 7.2





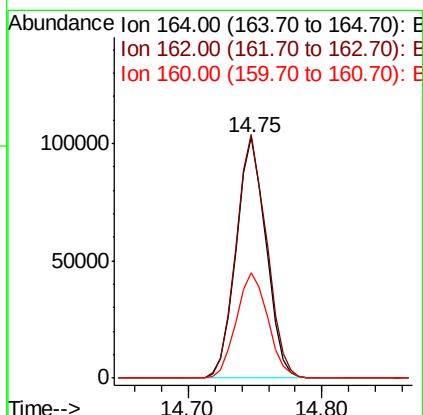
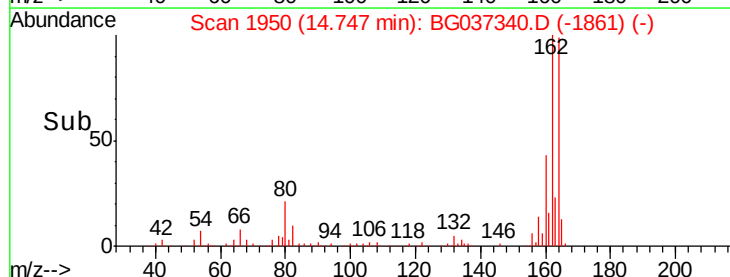
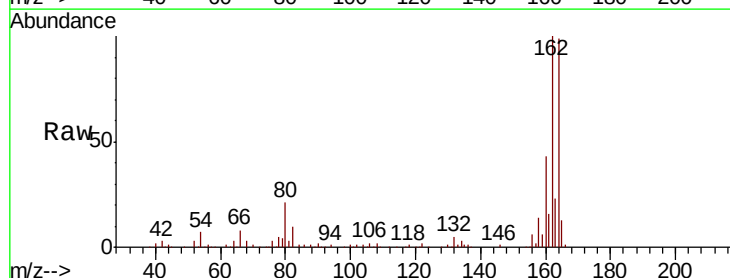
#23
Nitrobenzene-d5
Concen: 85.524 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

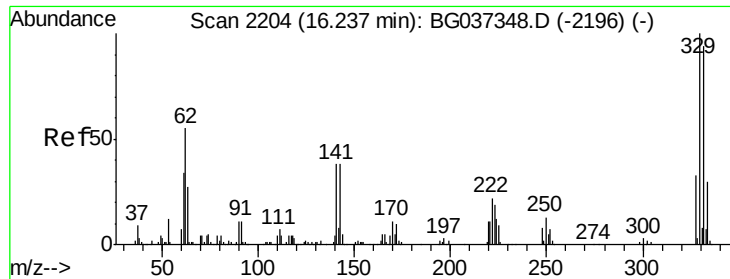
Tot Ion:	82	Resp:	306525
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	53.6	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

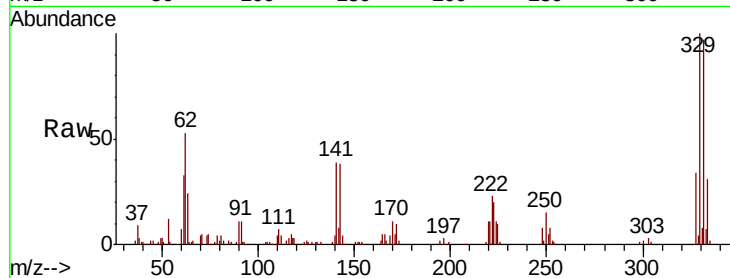
Tgt Ion:	164	Resp:	158438
Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.3	121.9
160	43.6	36.3	54.5





#42
 2,4,6-Tribromophenol
 Concen: 89.109 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG037340.D
 Acq: 15 Oct 2018 19:20

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	39.4	32.2	48.2

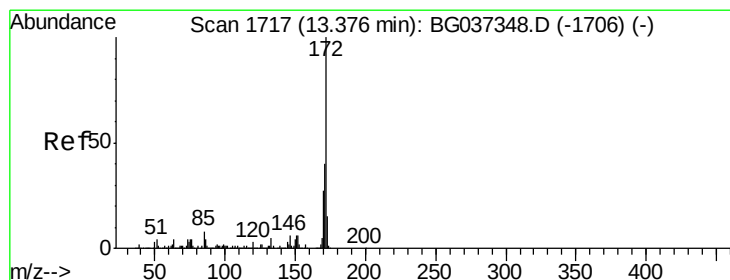
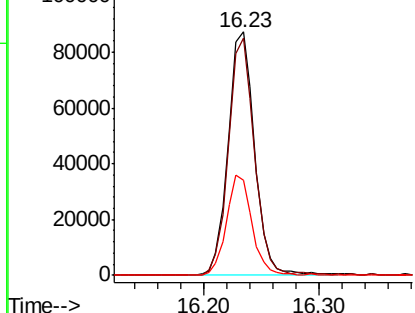
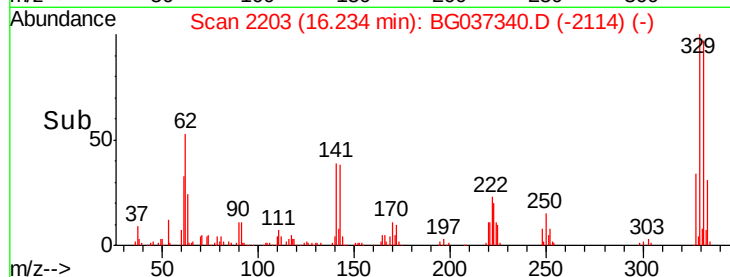


Abundance

Ion 329.80 (329.50 to 330.50): E

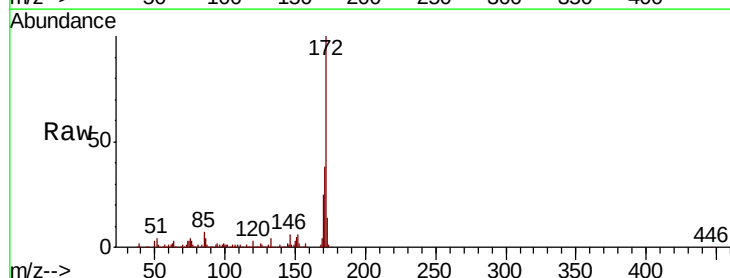
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.235 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037340.D
 Acq: 15 Oct 2018 19:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.2	20.2	30.2

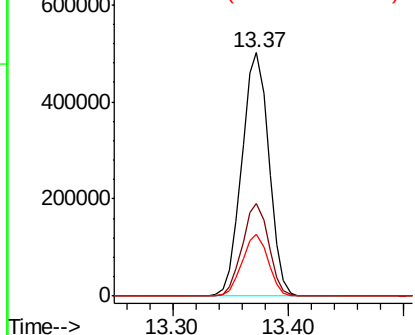
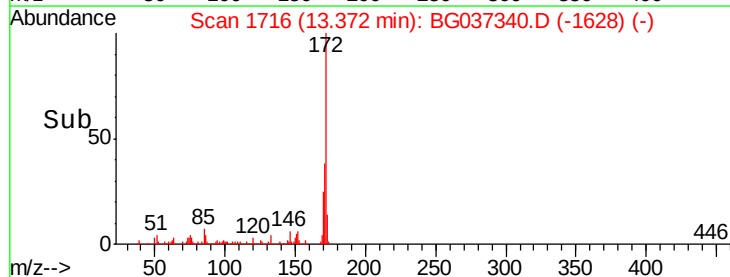


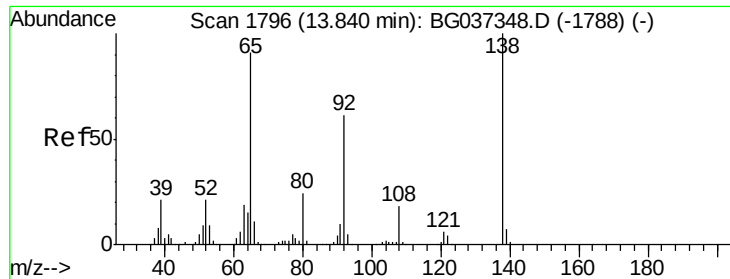
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

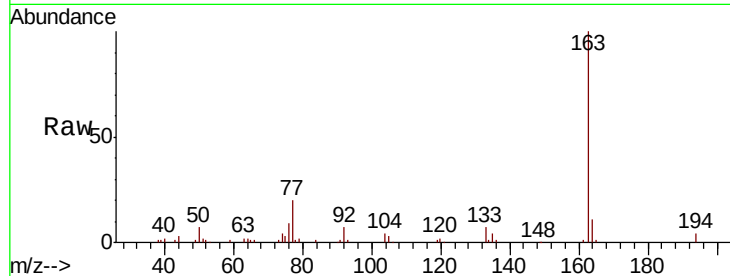
Ion 170.00 (169.70 to 170.70): E



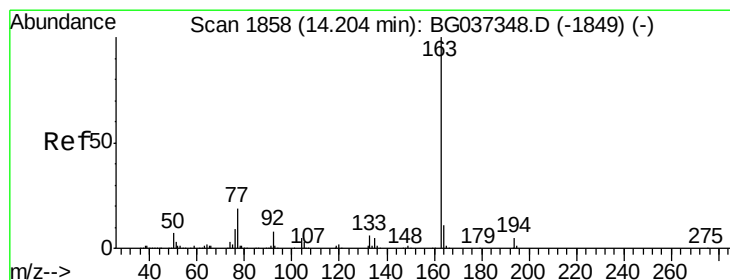
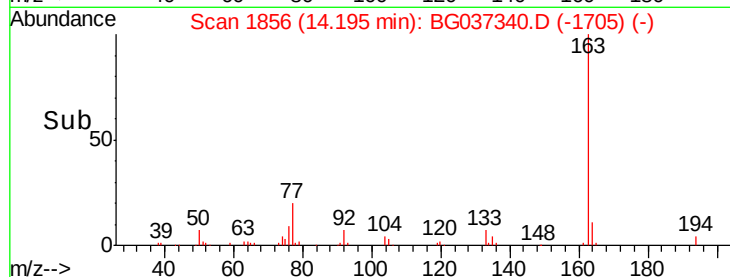
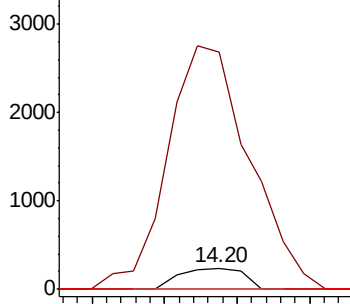


#48
2-Nitroaniline
Concen: 5.852 ng
RT: 14.20 min Scan# 1856
Delta R.T. 0.36 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tot Ion: 65 Resp: 293
Ion Ratio Lower Upper
65 100
92 1102.1 53.2 79.8#
138 0.0 79.3 118.9#

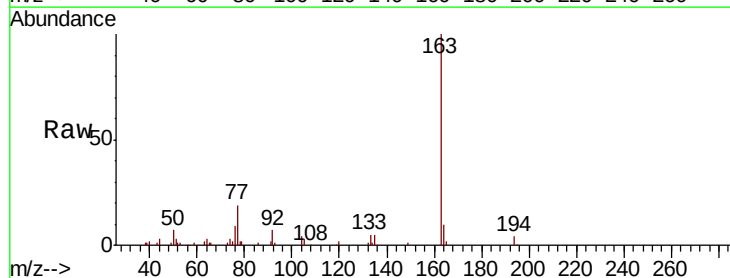


Abundance Ion 65.00 (64.70 to 65.70): BG037340.D (-1788) (-)
Ion 92.00 (91.70 to 92.70): BG037340.D (-1788) (-)
Ion 138.00 (137.70 to 138.70): BG037340.D (-1788) (-)

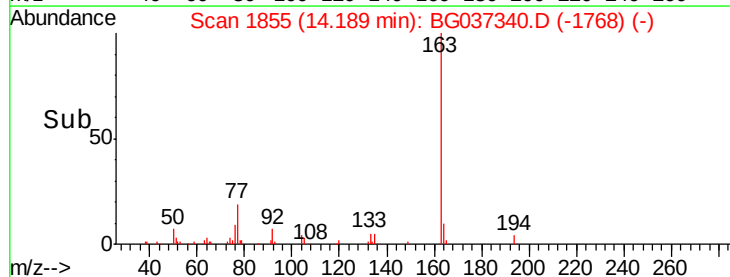
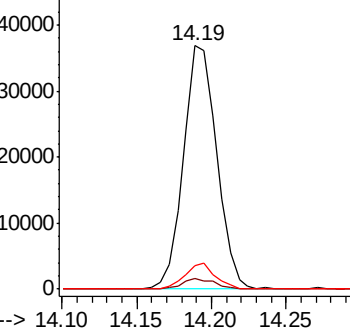


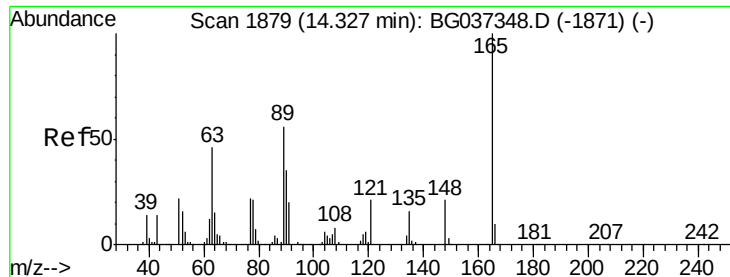
#50
Dimethylphthalate
Concen: 4.581 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion: 163 Resp: 57036
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 9.6 8.5 12.7



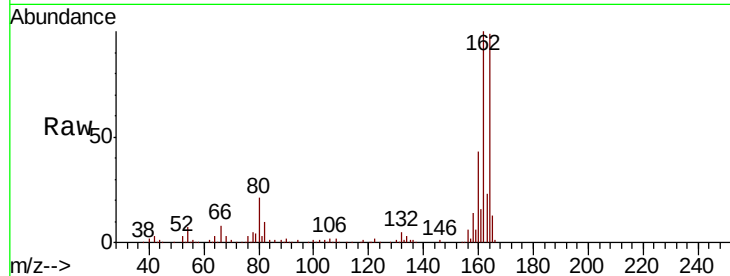
Abundance Ion 163.00 (162.70 to 163.70): BG037340.D (-1768) (-)
Ion 194.00 (193.70 to 194.70): BG037340.D (-1768) (-)
Ion 164.00 (163.70 to 164.70): BG037340.D (-1768) (-)



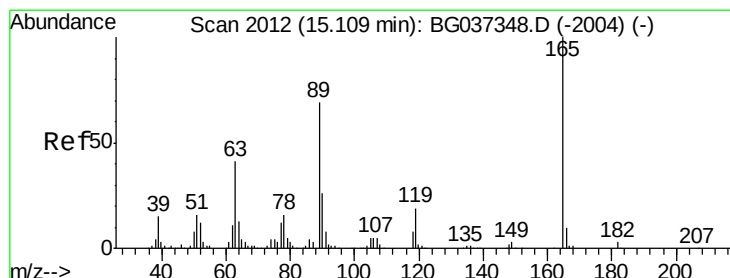
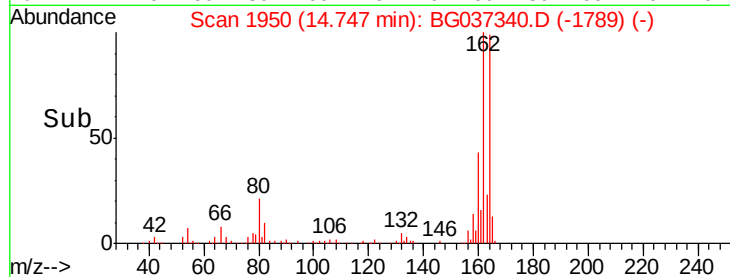
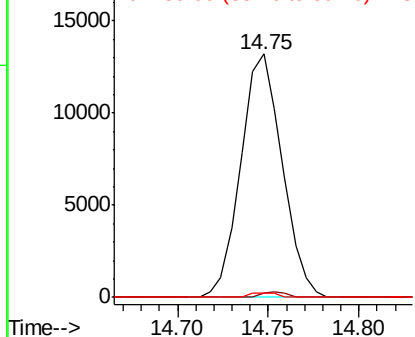


#51
 2,6-Dinitrotoluene
 Concen: 12.596 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. 0.41 min
 Lab File: BG037340.D
 Acq: 15 Oct 2018 19:20

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	1.8	45.8	68.6#



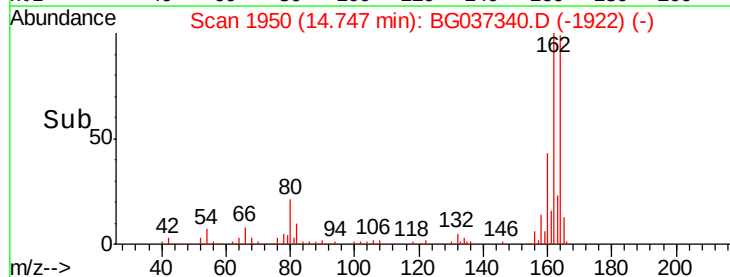
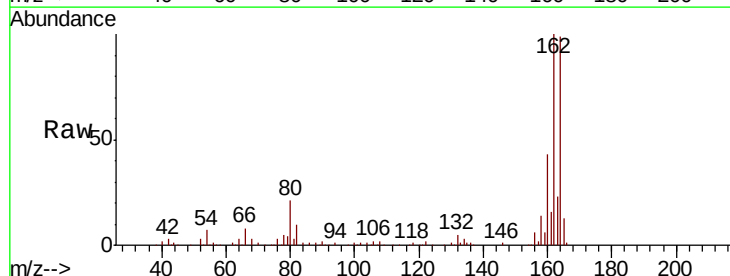
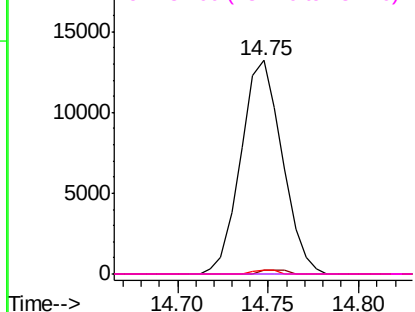
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

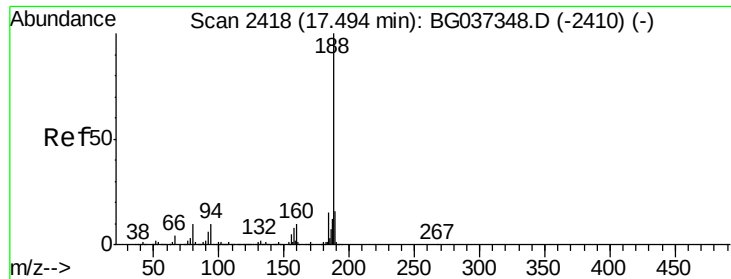


#57
 2,4-Dinitrotoluene
 Concen: 11.409 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037340.D
 Acq: 15 Oct 2018 19:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	1.8	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: BG037340.D

Acq: 15 Oct 2018 19:20

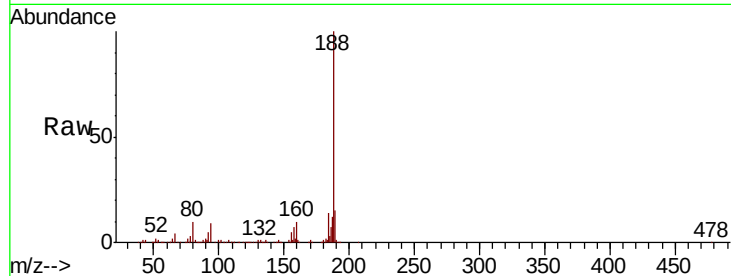
Tot Ion:188 Resp: 409385

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

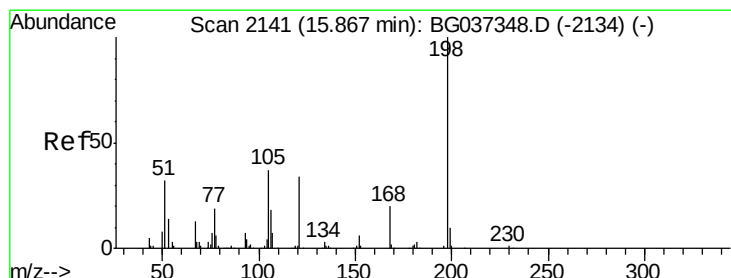
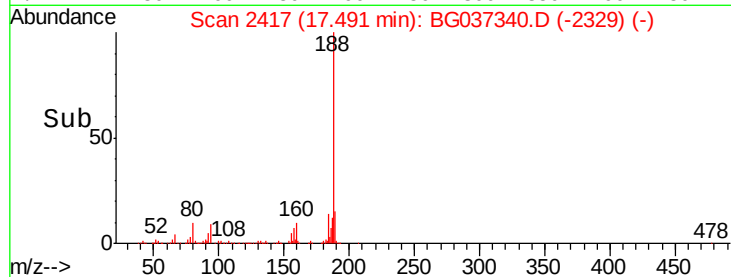
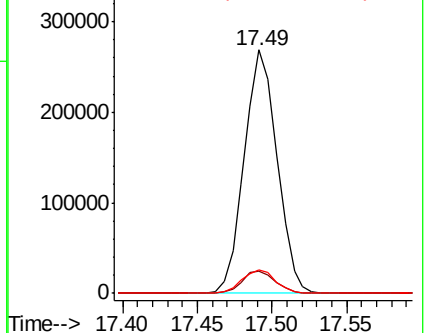
80 9.6 7.7 11.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.182 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.36 min

Lab File: BG037340.D

Acq: 15 Oct 2018 19:20

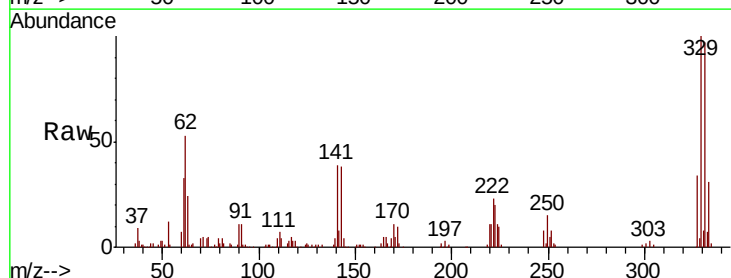
Tgt Ion:198 Resp: 346

Ion Ratio Lower Upper

198 100

51 124.0 22.7 62.7#

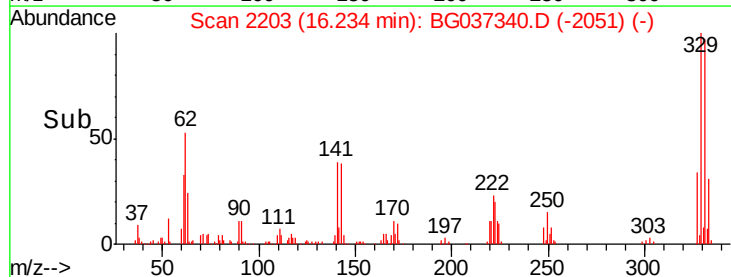
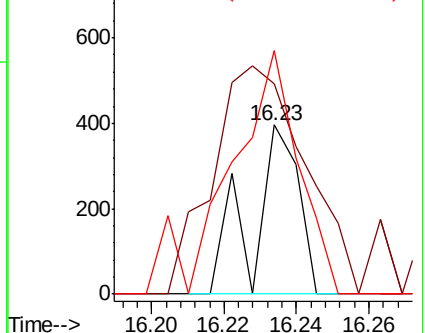
105 143.9 19.7 59.7#

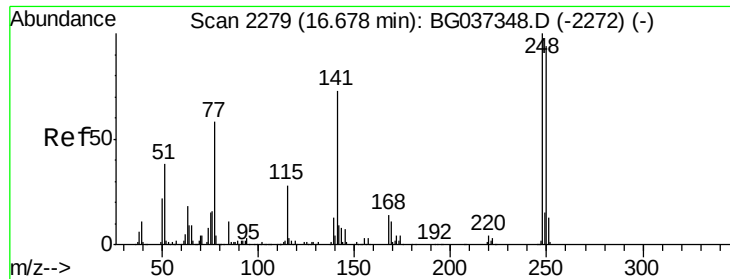


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

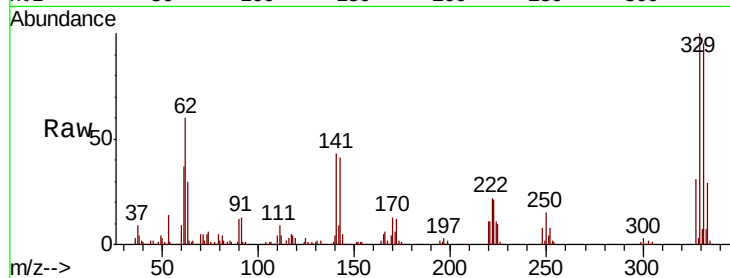
Ion 105.00 (104.70 to 105.70): E



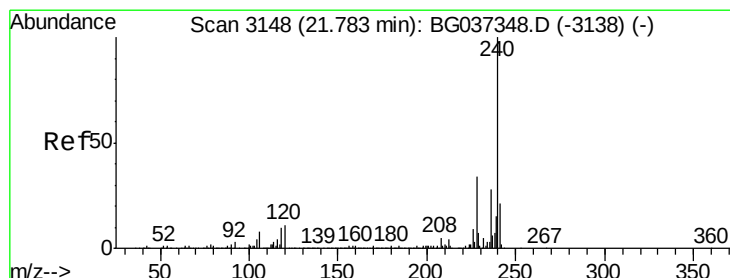
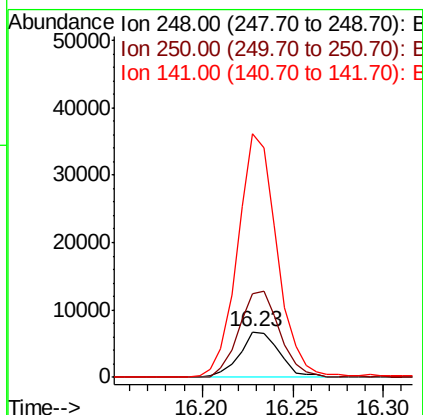
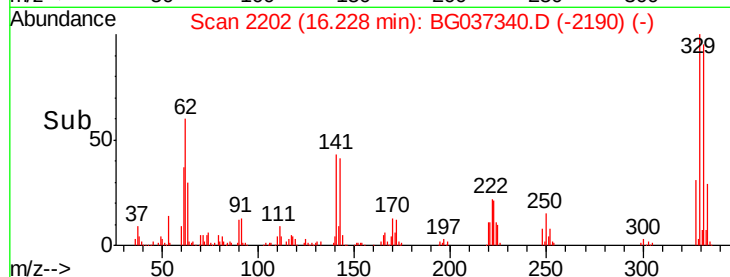


#67
4-Bromophenyl-phenylether
Concen: 2.320 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.46 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tot Ion:248 Resp: 10249
Ion Ratio Lower Upper
248 100
250 189.7 77.0 115.6#
141 423.1 55.5 83.3#

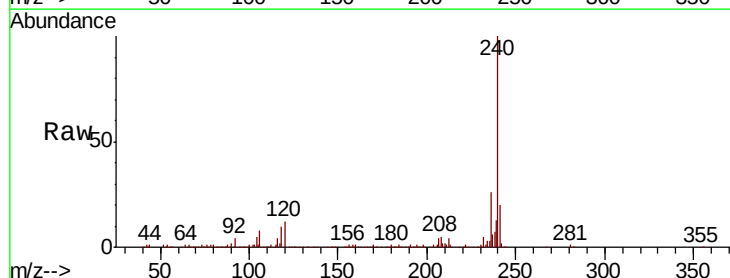


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

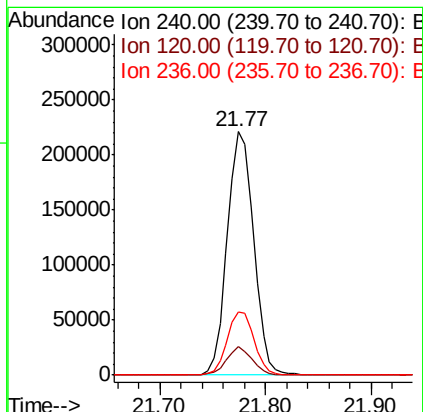
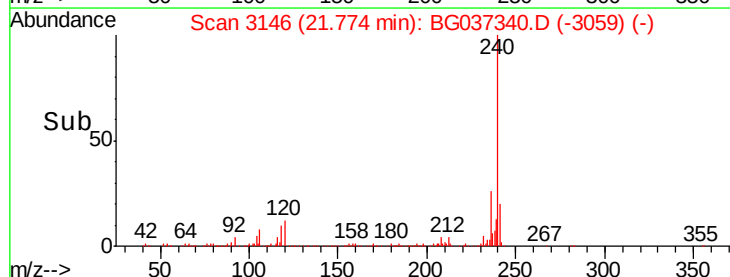


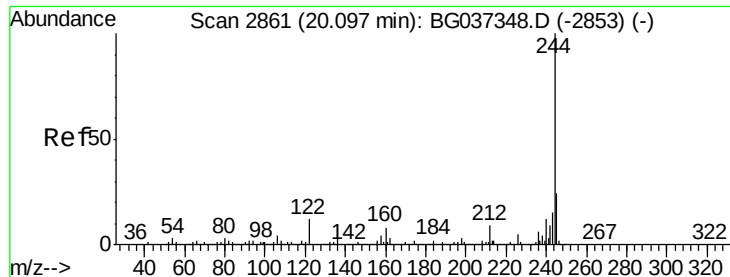
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037340.D
Acq: 15 Oct 2018 19:20

Tgt Ion:240 Resp: 381329
Ion Ratio Lower Upper
240 100
120 11.7 8.1 12.1
236 26.0 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: 73.629 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037340.D

Acq: 15 Oct 2018 19:20

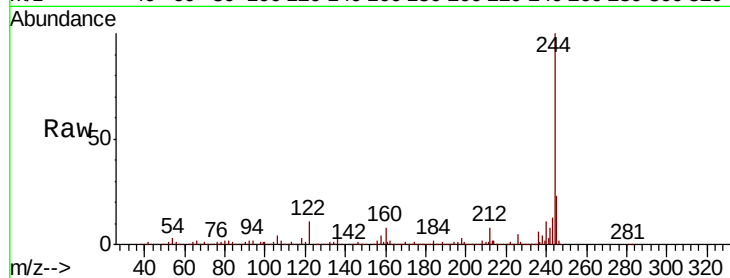
Tot Ion:244 Resp: 1337152

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

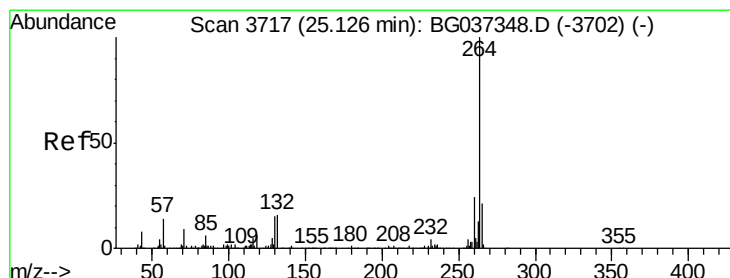
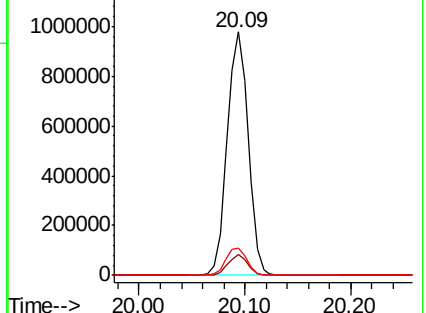
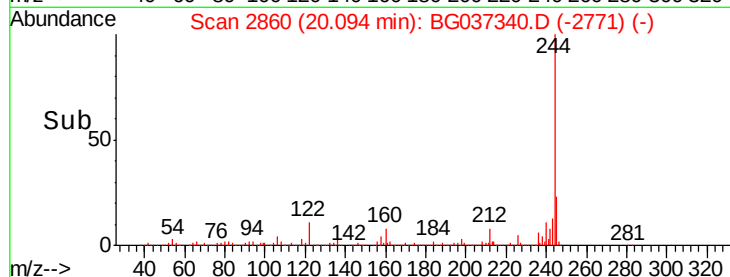
122 11.4 9.0 13.4



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: BG037340.D

Acq: 15 Oct 2018 19:20

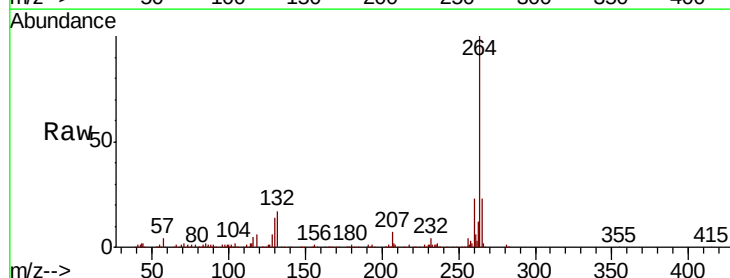
Tgt Ion:264 Resp: 381969

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 23.0 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

