

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037904.D
 Acq On : 9 Nov 2018 4:20
 Operator : JU/SJ
 Sample : PB114625TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

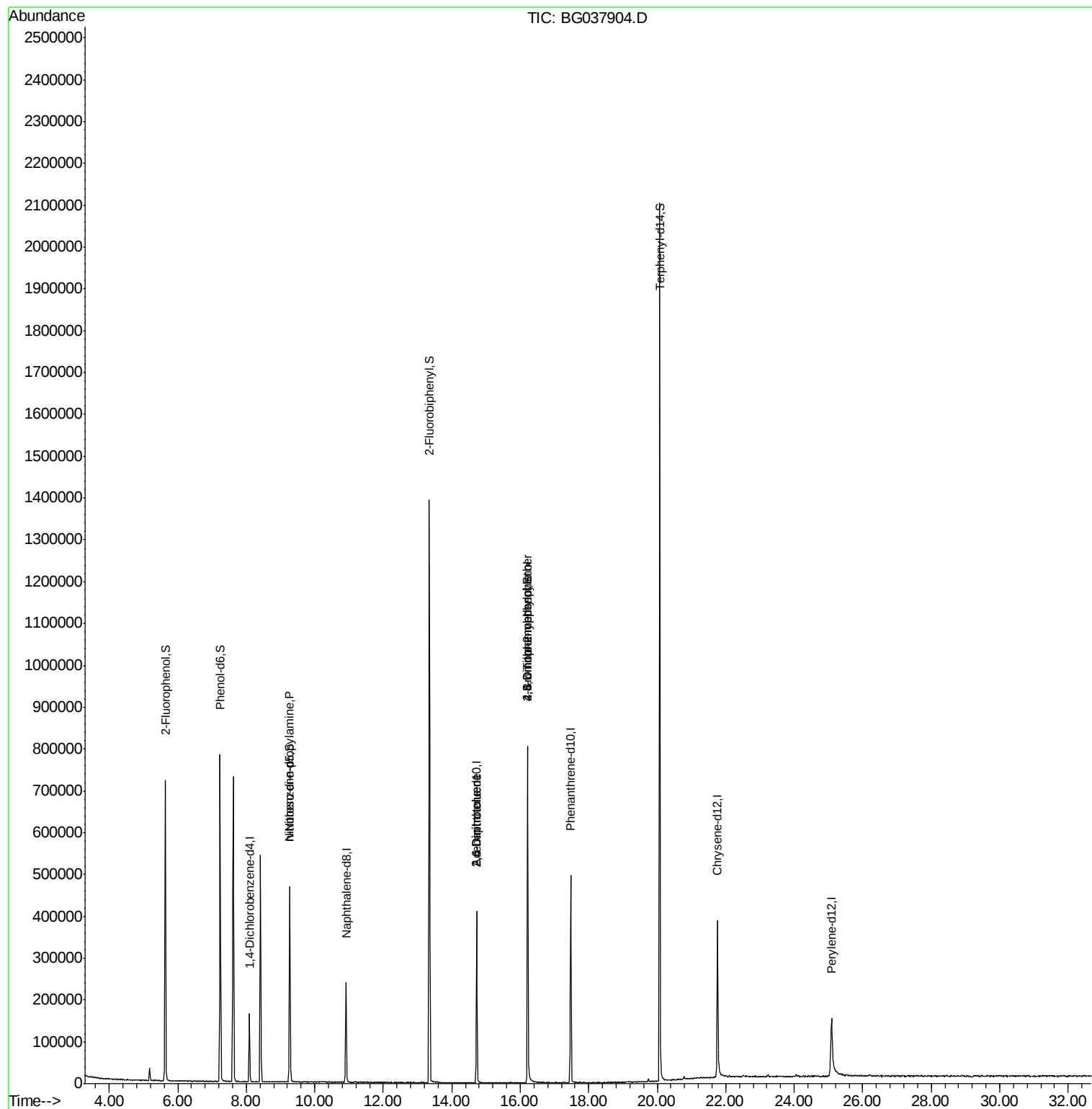
Quant Time: Nov 09 14:44:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

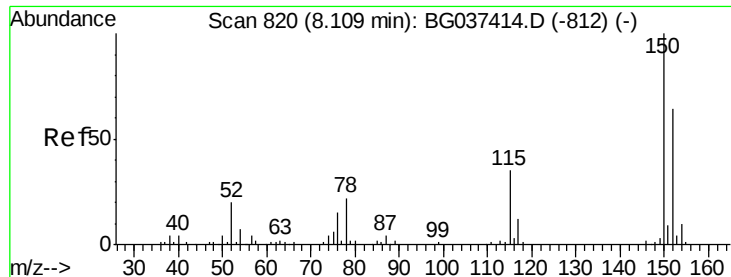
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	48505	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	222205	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	148754	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	328438	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	284933	20.00	ng	-0.02
87) Perylene-d12	25.08	264	233281	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	342770	118.14	ng	0.00
7) Phenol-d6	7.24	99	503751	114.83	ng	-0.02
23) Nitrobenzene-d5	9.27	82	301174	75.93	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	163306	100.65	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	757302	76.77	ng	-0.02
79) Terphenyl-d14	20.07	244	1080179	81.00	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	37048	12.263	ng	# 74
51) 2,6-Dinitrotoluene	14.73	165	19050	7.483	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	19050	5.701	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.21	198	312	8.656	ng	83
67) 4-Bromophenyl-phenylether	16.21	248	10928	3.030	ng	# 1

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

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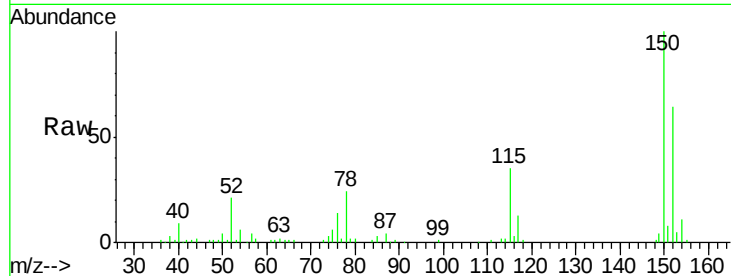




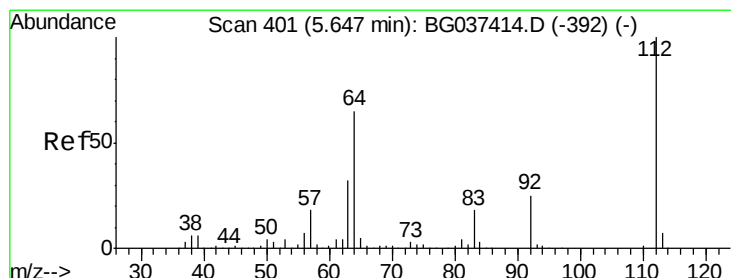
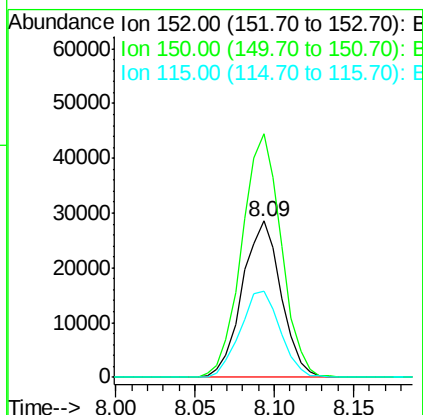
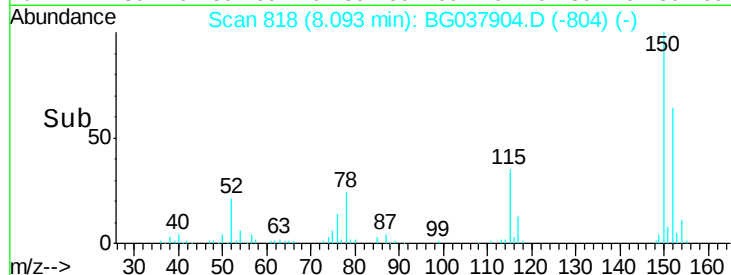
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037904.D
Acq: 9 Nov 2018 4:20

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.0	189.0
115	55.0	45.5	68.3



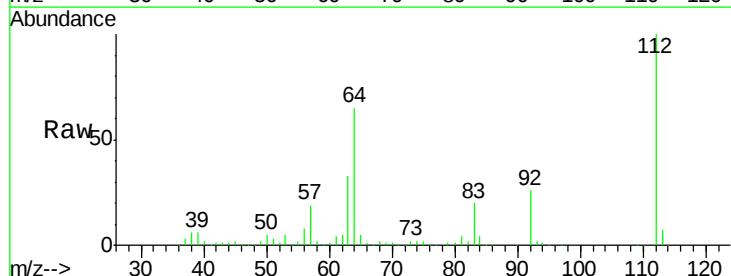
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



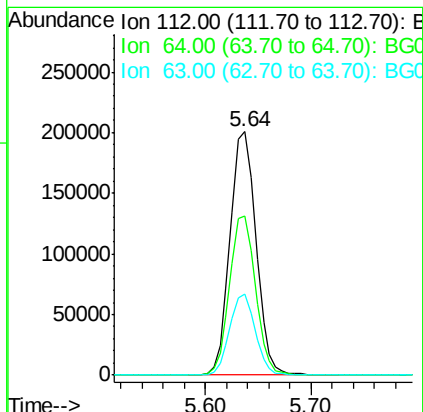
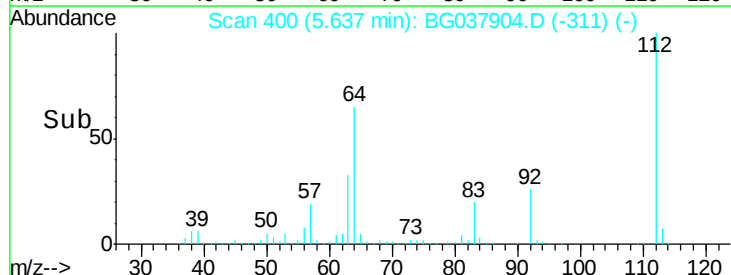
#5

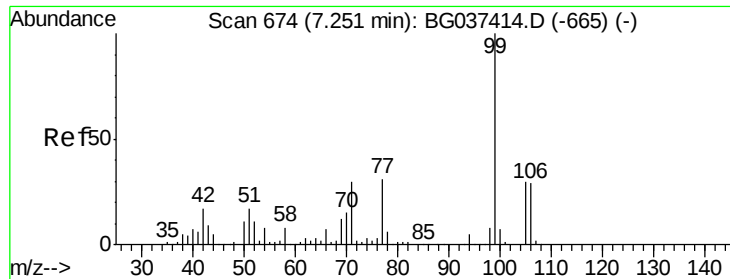
2-Fluorophenol
Concen: 118.145 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037904.D
Acq: 9 Nov 2018 4:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	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: 114.826 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037904.D

Acq: 9 Nov 2018 4:20

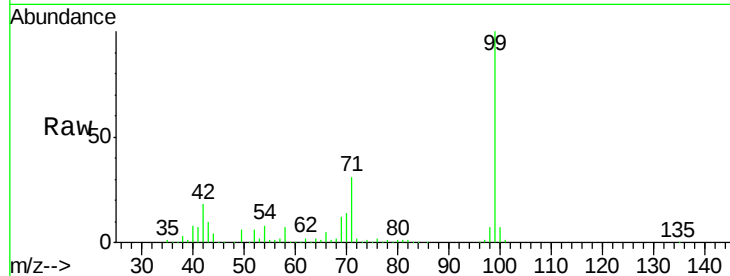
Tgt Ion: 99 Resp: 503751

Ion Ratio Lower Upper

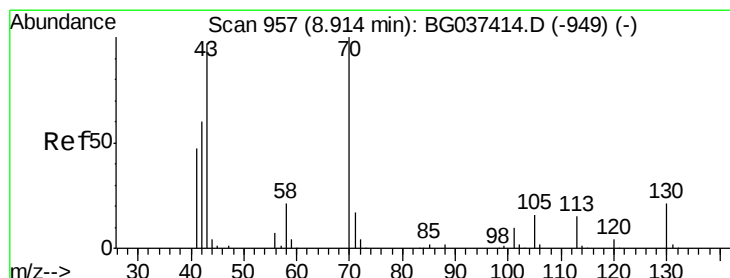
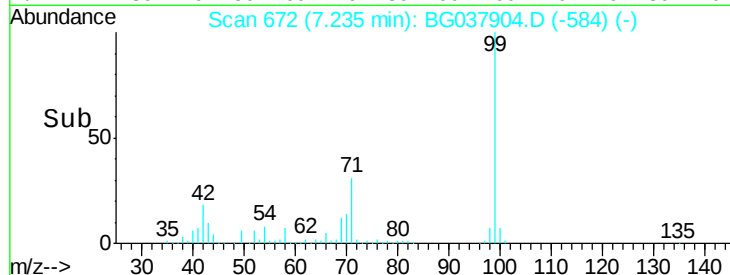
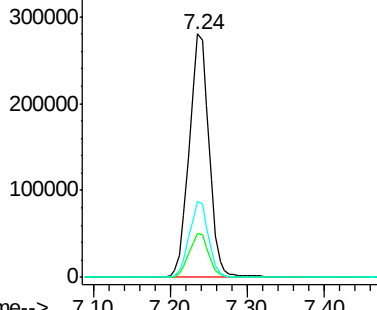
99 100

42 18.0 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: 12.263 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.35 min

Lab File: BG037904.D

Acq: 9 Nov 2018 4:20

Tgt Ion: 70 Resp: 37048

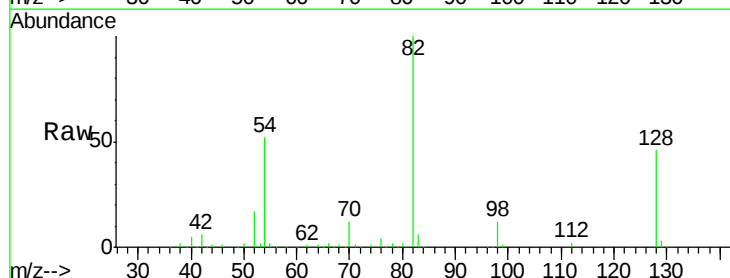
Ion Ratio Lower Upper

70 100

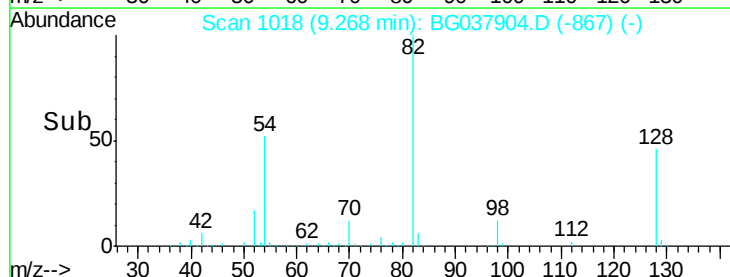
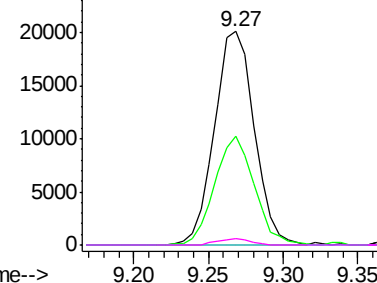
42 50.7 53.9 80.9#

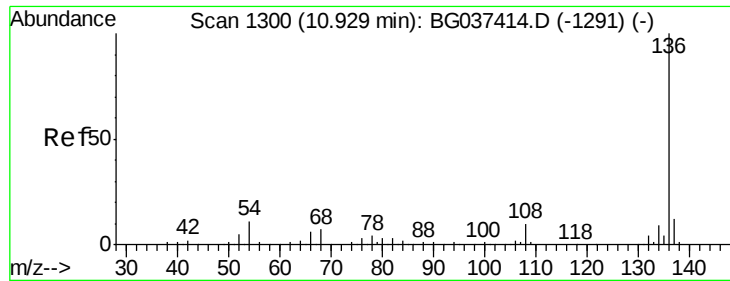
101 0.0 8.2 12.2#

130 2.7 18.2 27.4#



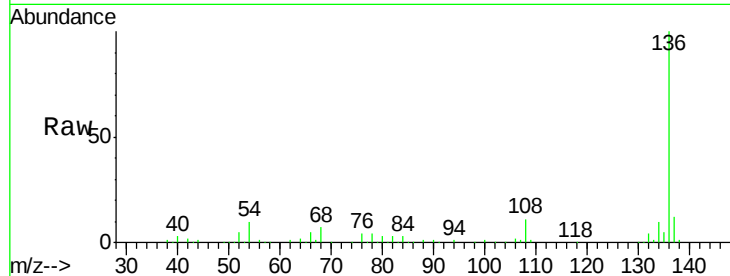
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



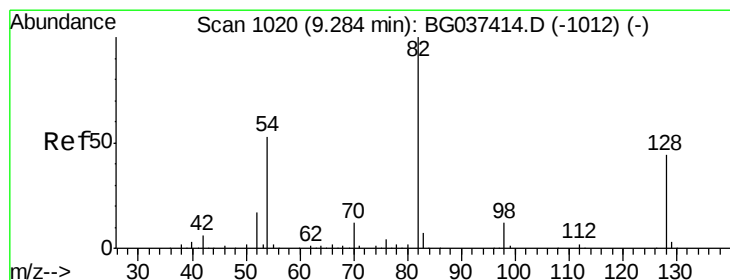
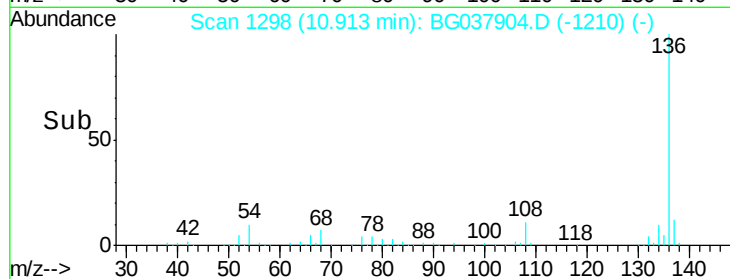
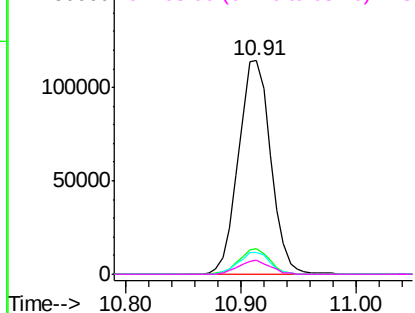


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037904.D
Acq: 9 Nov 2018 4:20

Tgt Ion:	136	Resp:	222205
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	10.5	7.9	11.9
68	6.9	4.8	7.2

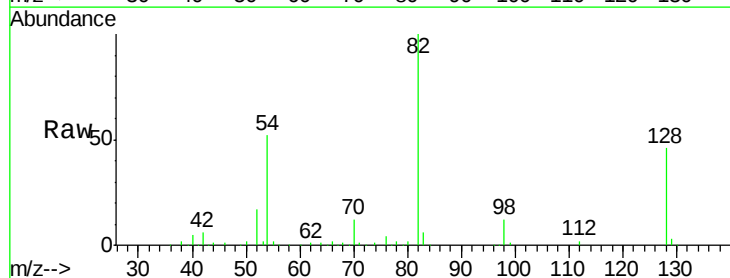


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

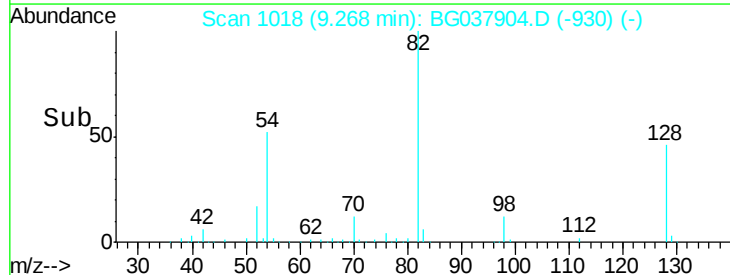
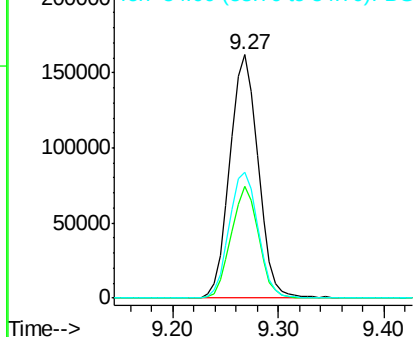


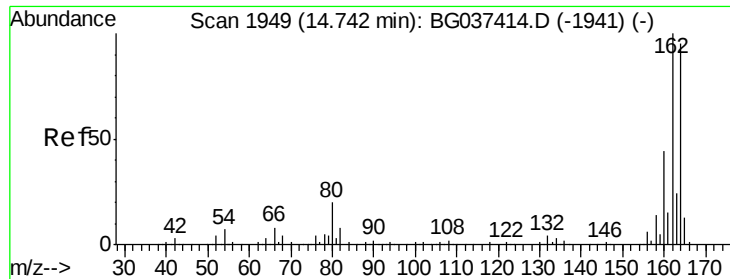
#23
Nitrobenzene-d5
Concen: 75.927 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037904.D
Acq: 9 Nov 2018 4:20

Tgt Ion:	82	Resp:	301174
Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	51.8
54	51.5	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: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037904.D

Acq: 9 Nov 2018 4:20

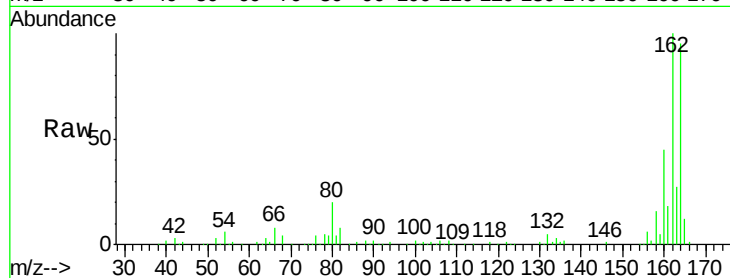
Tgt Ion:164 Resp: 148754

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

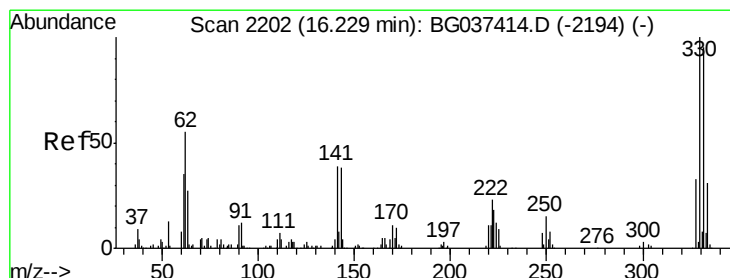
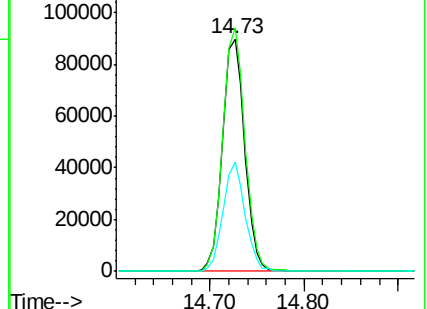
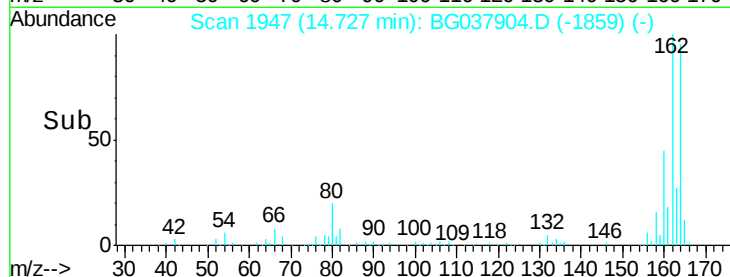
160 47.2 36.3 54.5



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: 100.654 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037904.D

Acq: 9 Nov 2018 4:20

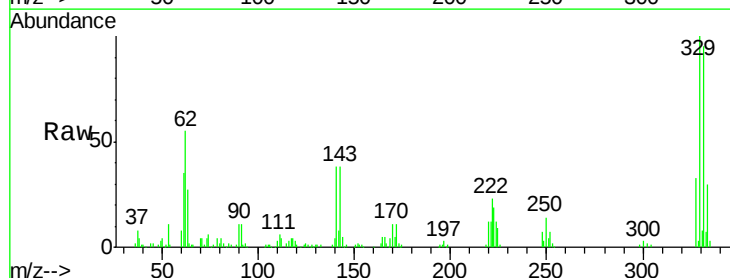
Tgt Ion:330 Resp: 163306

Ion Ratio Lower Upper

330 100

332 93.0 78.4 117.6

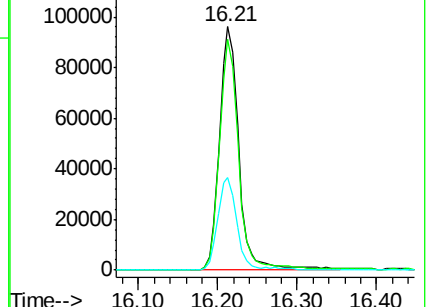
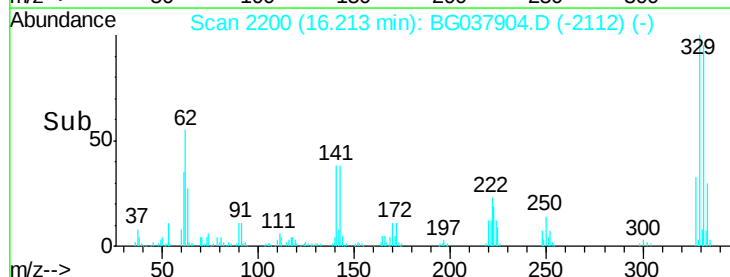
141 37.9 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

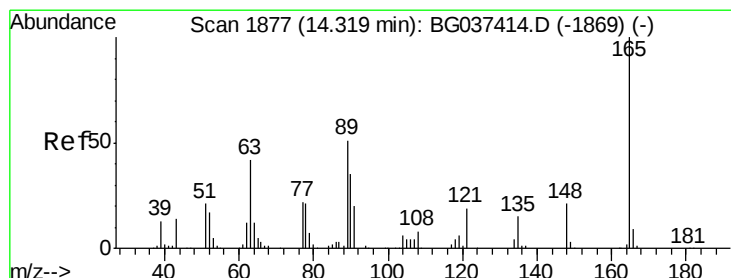
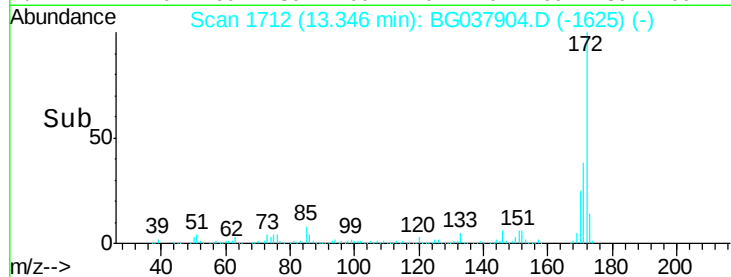
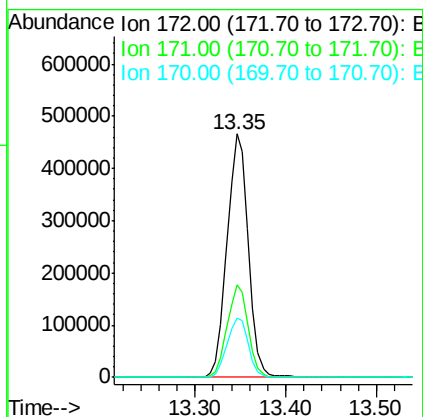
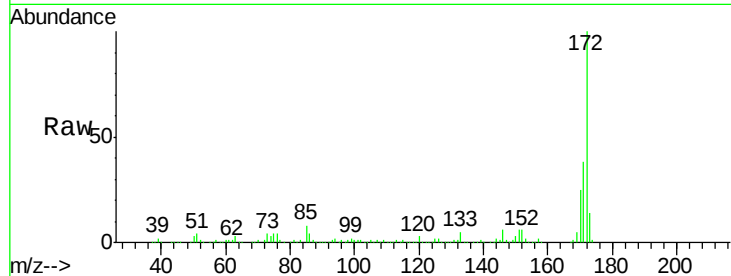
Ion 141.00 (140.70 to 141.70): E





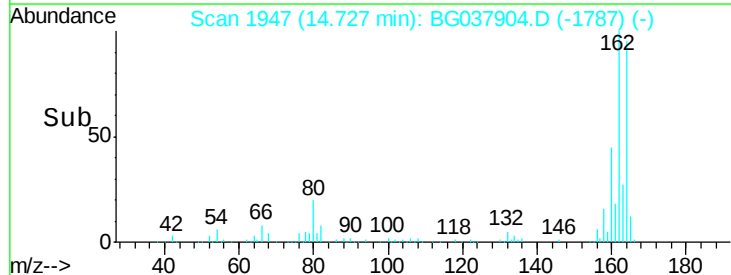
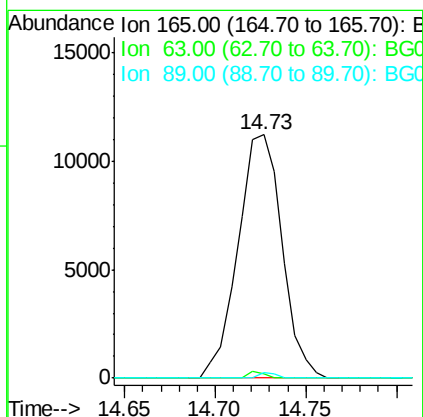
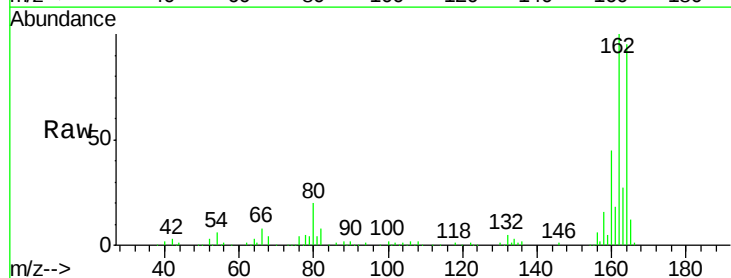
#45
 2-Fluorobiphenyl
 Concen: 76.769 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037904.D
 Acq: 9 Nov 2018 4:20

Tgt Ion:	172	Resp:	757302
Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.6	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.483 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037904.D
 Acq: 9 Nov 2018 4:20

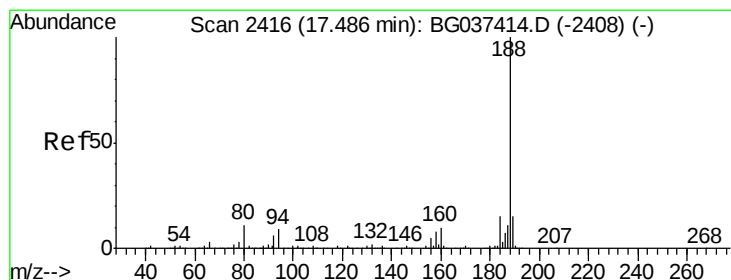
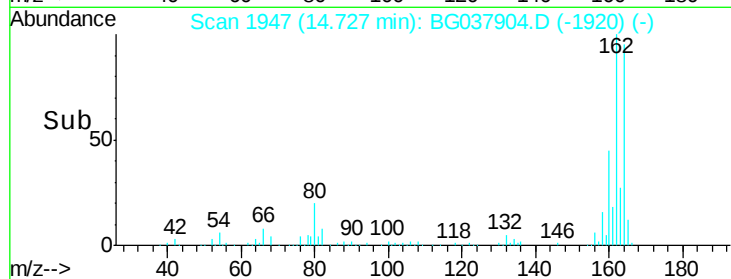
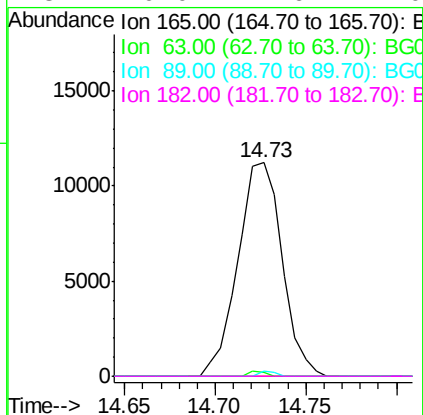
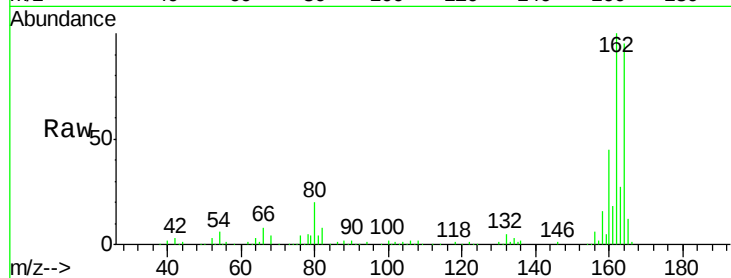
Tgt Ion:	165	Resp:	19050
Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	2.2	45.8	68.6#





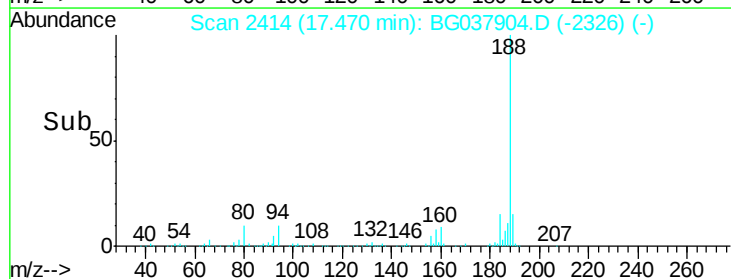
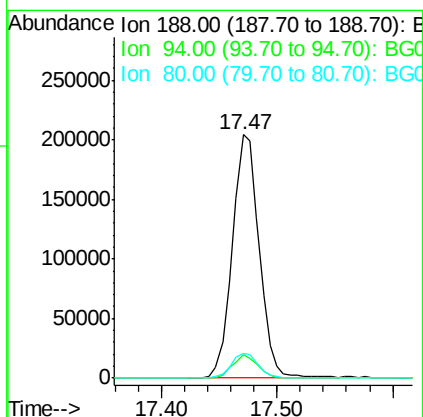
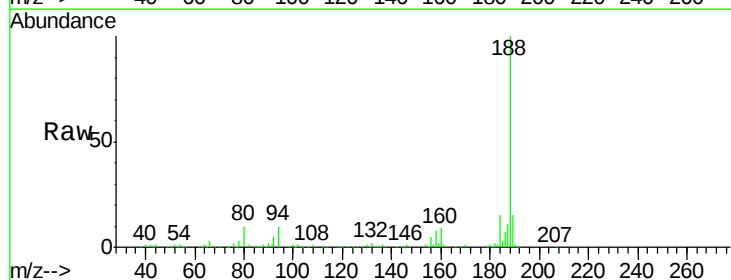
#57
 2,4-Dinitrotoluene
 Concen: 5.701 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037904.D
 Acq: 9 Nov 2018 4:20

Tgt Ion:	165	Resp:	19050
Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	2.2	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG037904.D
 Acq: 9 Nov 2018 4:20

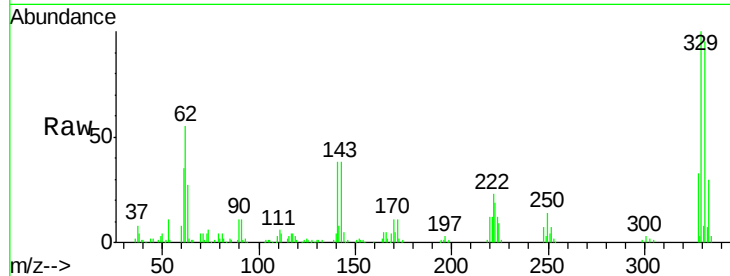
Tgt Ion:	188	Resp:	328438
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.0	7.7	11.5



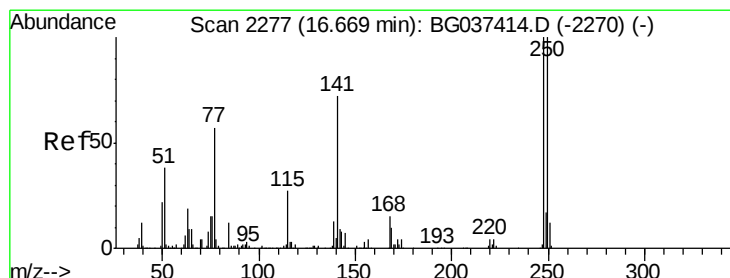
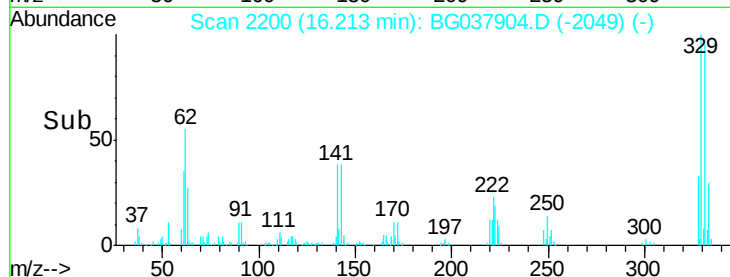
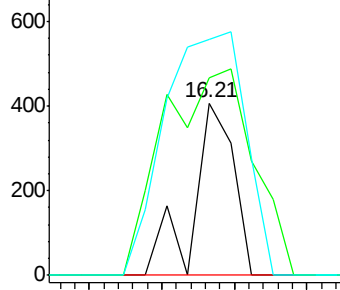


#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.656 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.35 min
 Lab File: BG037904.D
 Acq: 9 Nov 2018 4:20

Tgt Ion	Ratio	Lower	Upper
198	100		
51	27.7	22.7	62.7
105	33.0	19.7	59.7

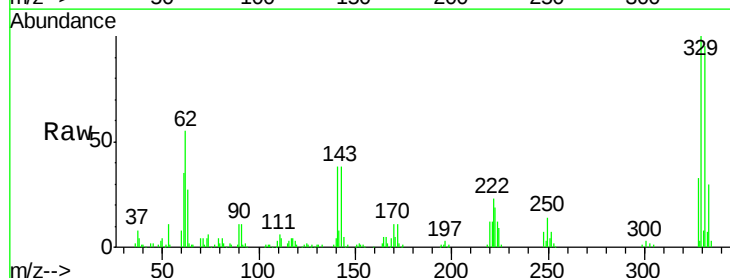


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

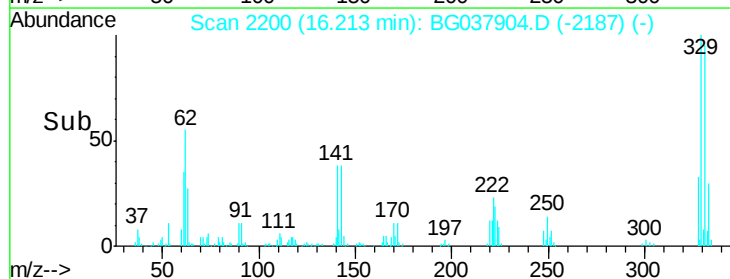
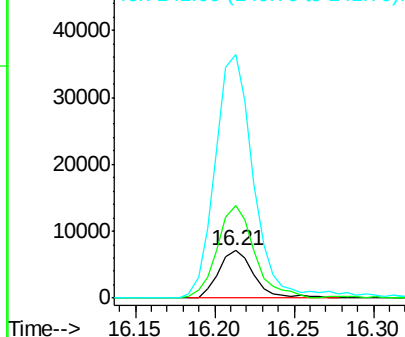


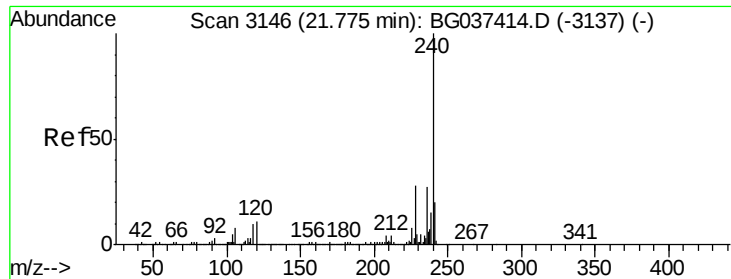
#67
 4-Bromophenyl-phenylether
 Concen: 3.030 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037904.D
 Acq: 9 Nov 2018 4:20

Tgt Ion	Ratio	Lower	Upper
248	100		
250	185.2	77.0	115.6#
141	382.6	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: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037904.D

Acq: 9 Nov 2018 4:20

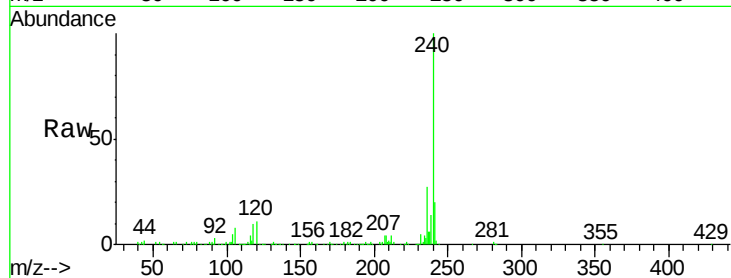
Tgt Ion:240 Resp: 284933

Ion Ratio Lower Upper

240 100

120 11.5 8.1 12.1

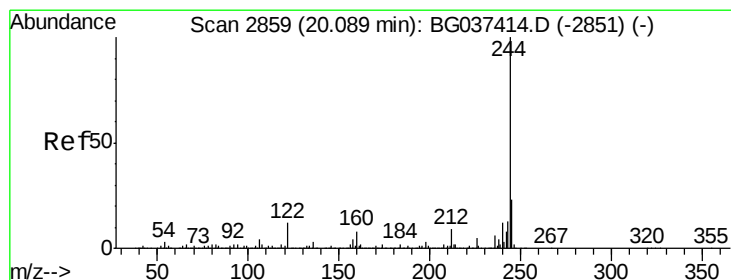
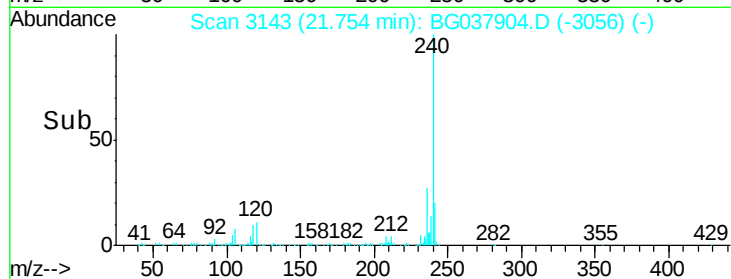
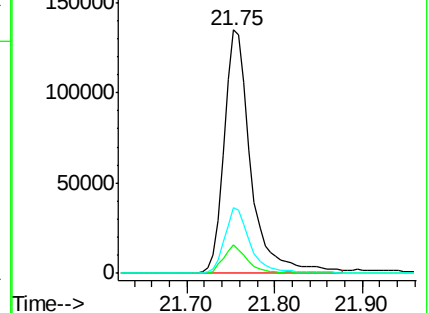
236 27.0 21.4 32.0



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: 81.005 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037904.D

Acq: 9 Nov 2018 4:20

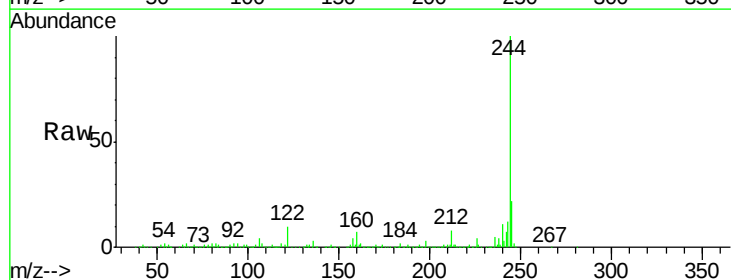
Tgt Ion:244 Resp: 1080179

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

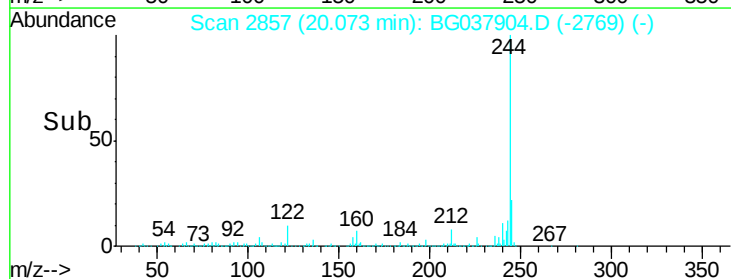
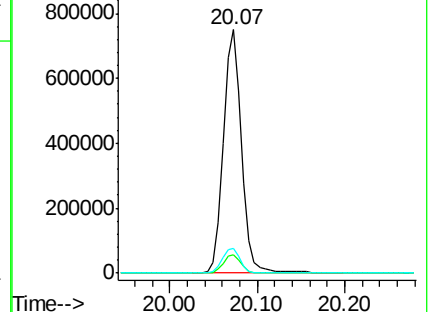
122 10.2 9.0 13.4

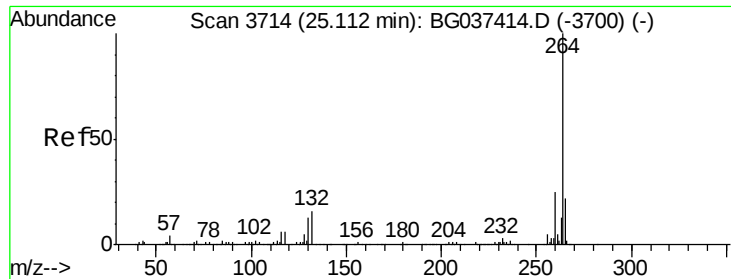


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

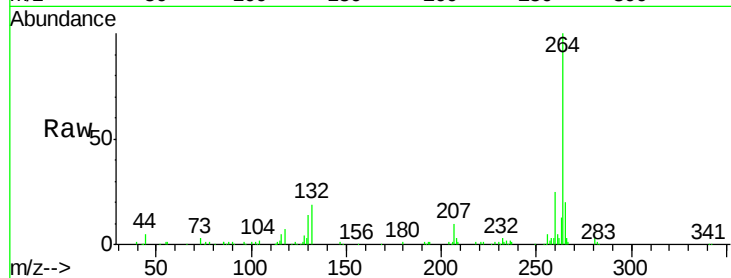
Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037904.D
Acq: 9 Nov 2018 4:20

Tgt Ion:	264	Resp:	233281
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	20.0	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

