

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037892.D
 Acq On : 8 Nov 2018 19:15
 Operator : JU/SJ
 Sample : J5858-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

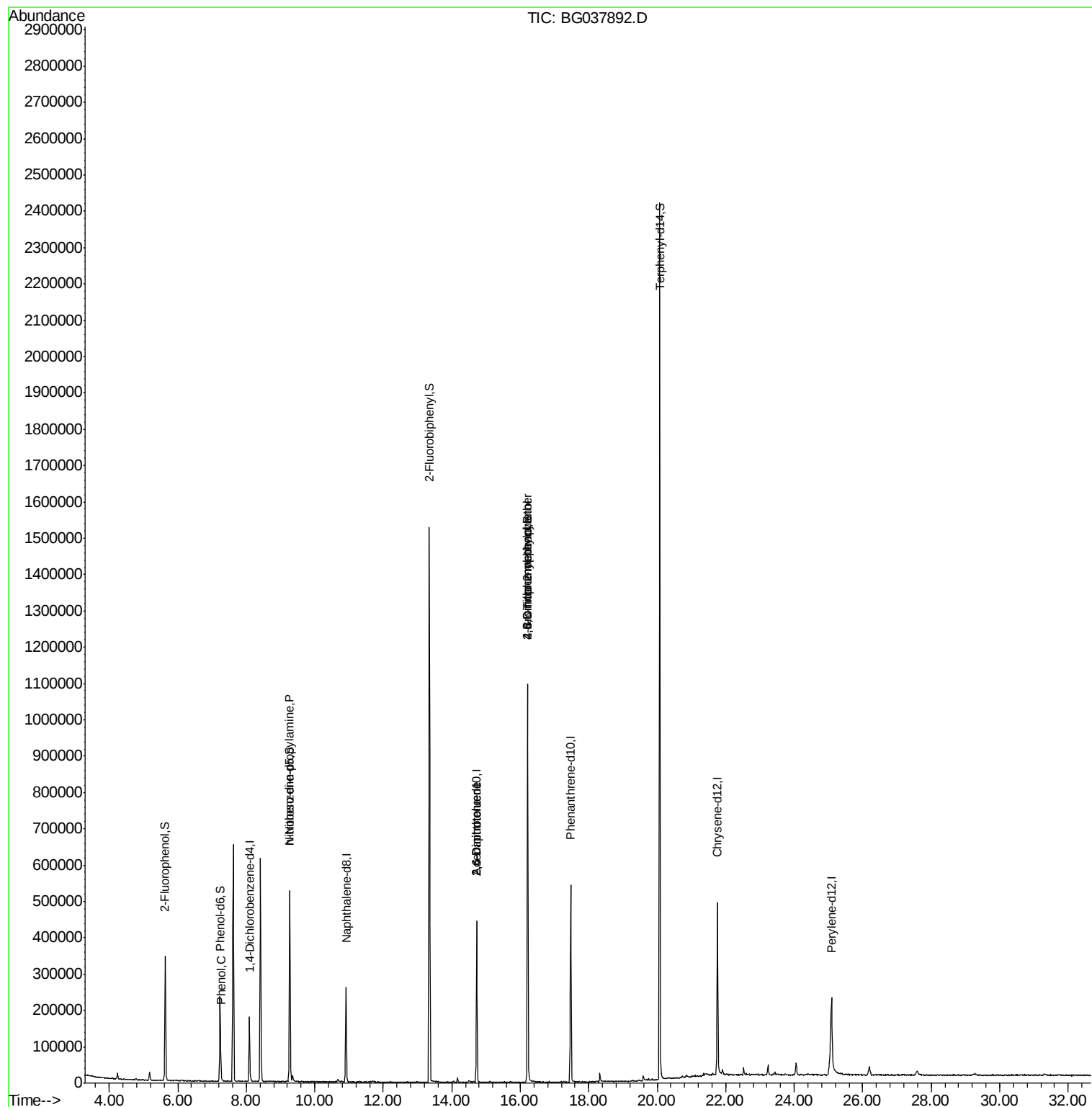
Quant Time: Nov 09 14:41:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	53354	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	240333	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	161060	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	358785	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	319111	20.00	ng	-0.02
87) Perylene-d12	25.08	264	287379	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	166908	52.30	ng	-0.01
7) Phenol-d6	7.24	99	152223	31.54	ng	-0.01
23) Nitrobenzene-d5	9.27	82	345186	80.46	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	205764	117.13	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	844289	79.05	ng	-0.02
79) Terphenyl-d14	20.07	244	1203704	80.60	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	12491	2.453	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	9.27	70	43313	13.034	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	20488	7.433	ng	# 23
57) 2,4-Dinitrotoluene	14.73	165	20488	5.662	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.21	198	652	8.792	ng	# 69
67) 4-Bromophenyl-phenylether	16.21	248	14621	3.711	ng	# 1

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

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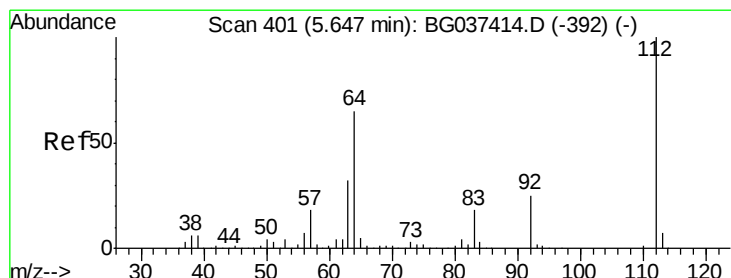
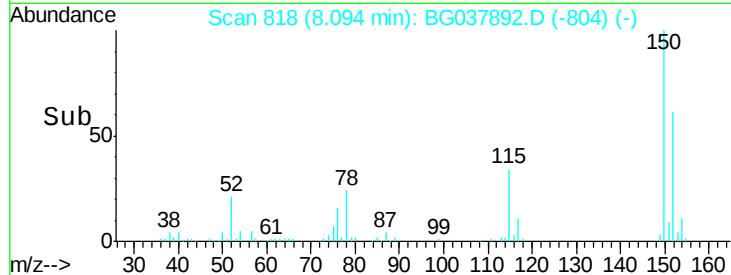
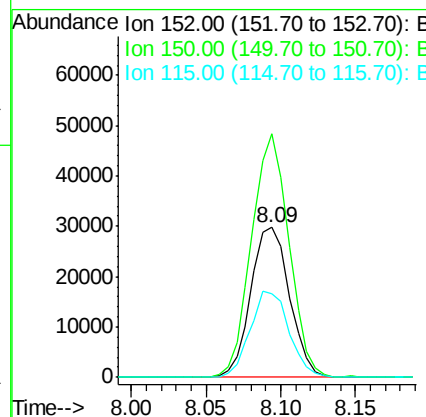
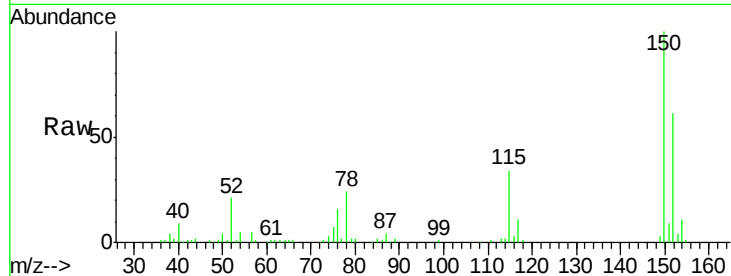
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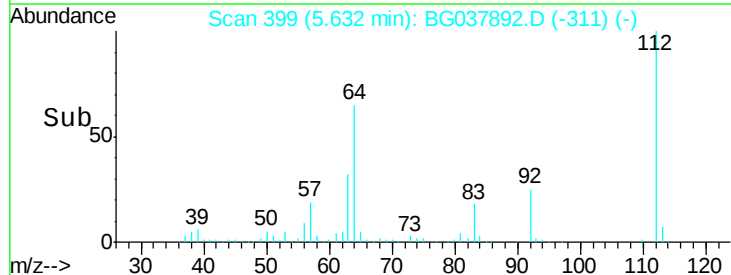
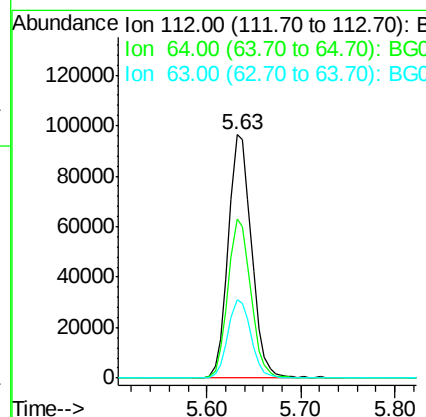
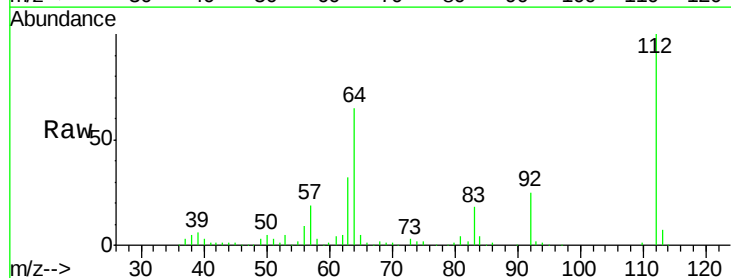
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037892.D
 Acq: 8 Nov 2018 19:15

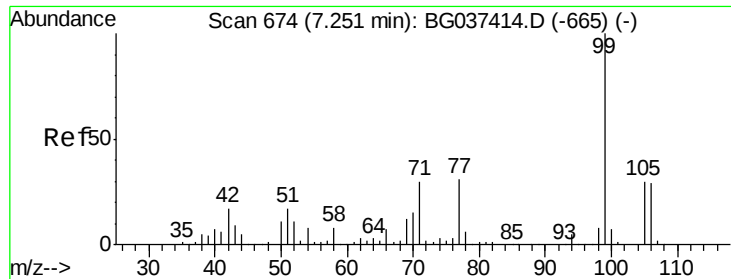
Tgt Ion:152 Resp: 53354
 Ion Ratio Lower Upper
 152 100
 150 162.7 126.0 189.0
 115 55.9 45.5 68.3



#5
 2-Fluorophenol
 Concen: 52.301 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG037892.D
 Acq: 8 Nov 2018 19:15

Tgt Ion:112 Resp: 166908
 Ion Ratio Lower Upper
 112 100
 64 65.2 53.1 79.7
 63 32.3 27.3 40.9





#7

Phenol-d6

Concen: 31.545 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037892.D

Acq: 8 Nov 2018 19:15

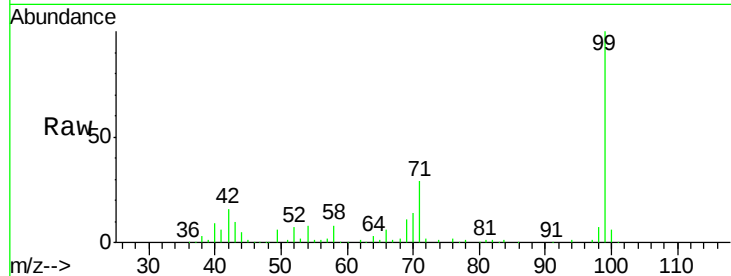
Tgt Ion: 99 Resp: 152223

Ion Ratio Lower Upper

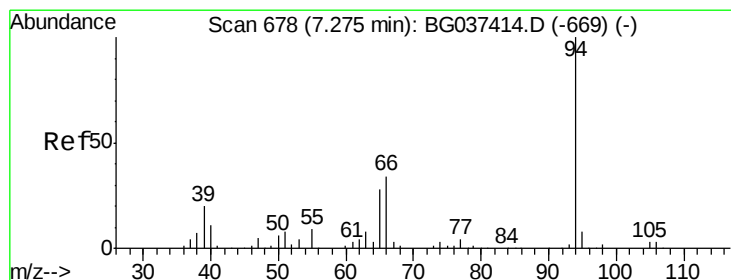
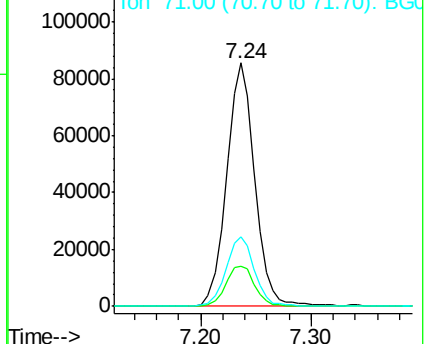
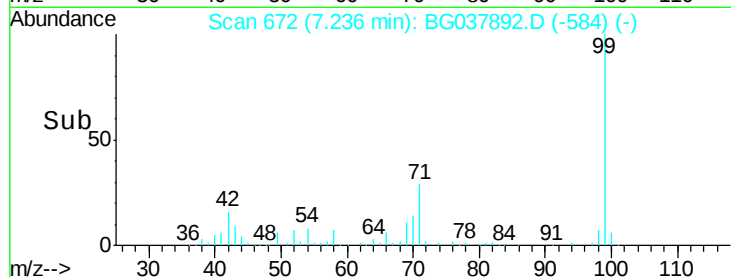
99 100

42 16.2 15.0 22.4

71 28.7 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: 2.453 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG037892.D

Acq: 8 Nov 2018 19:15

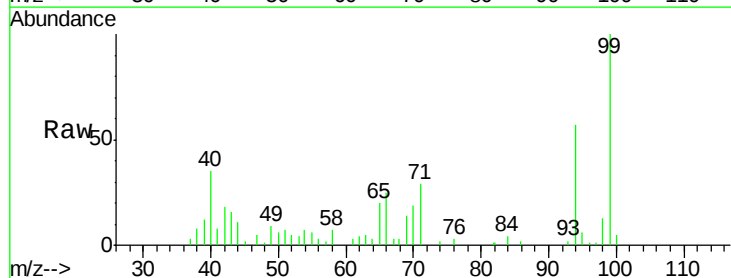
Tgt Ion: 94 Resp: 12491

Ion Ratio Lower Upper

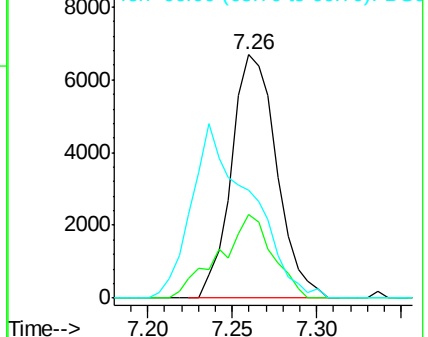
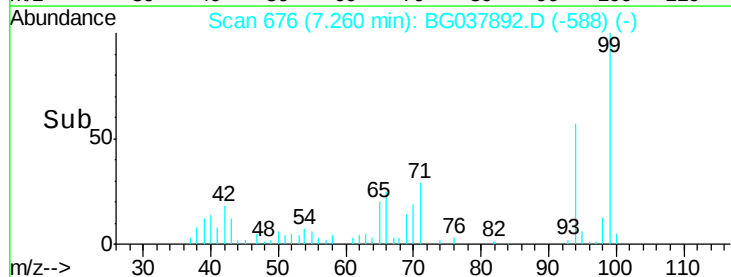
94 100

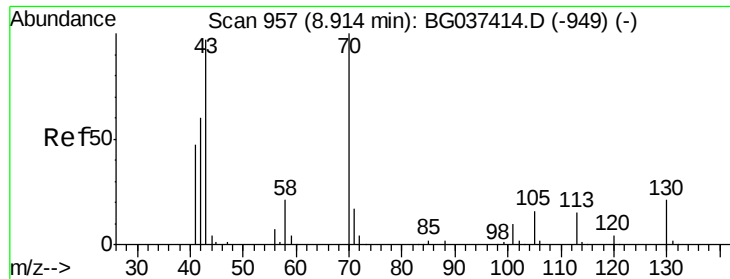
65 34.6 9.7 49.7

66 44.3 15.9 55.9



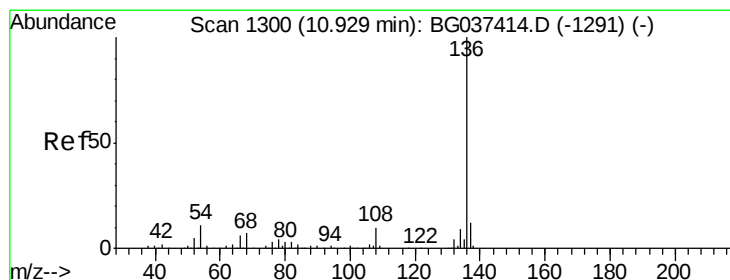
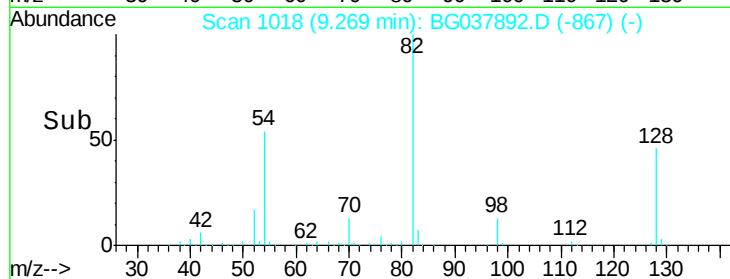
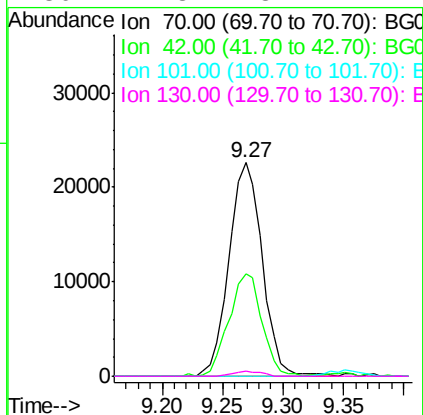
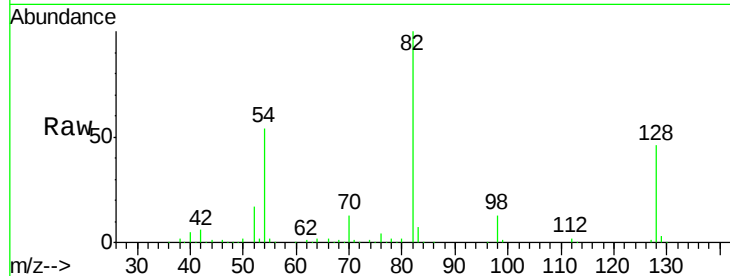
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





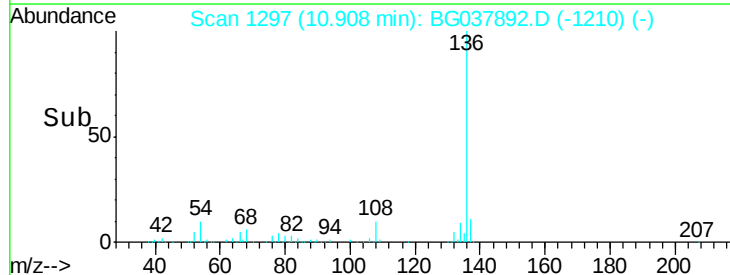
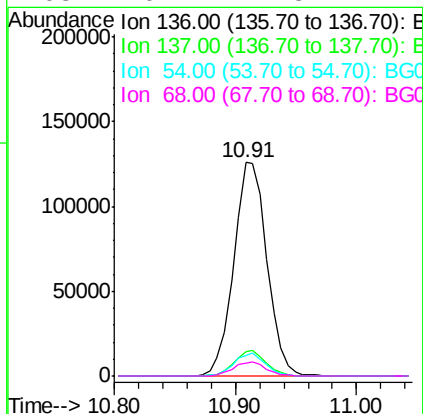
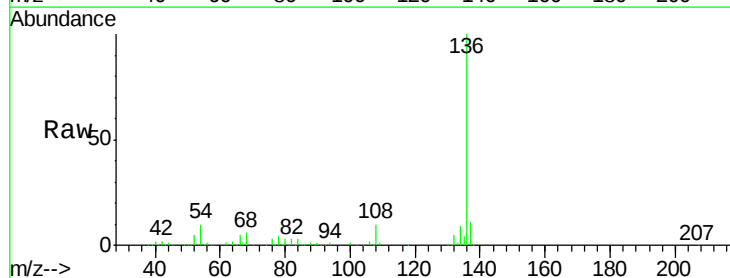
#19
n-Nitroso-di-n-propylamine
Concen: 13.034 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037892.D
Acq: 8 Nov 2018 19:15

Tgt Ion: 70 Resp: 43313
Ion Ratio Lower Upper
70 100
42 47.9 53.9 80.9#
101 0.0 8.2 12.2#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037892.D
Acq: 8 Nov 2018 19:15

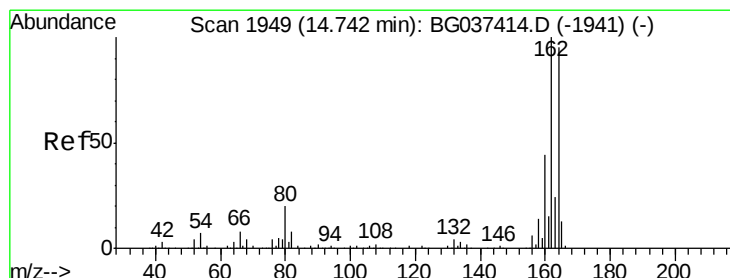
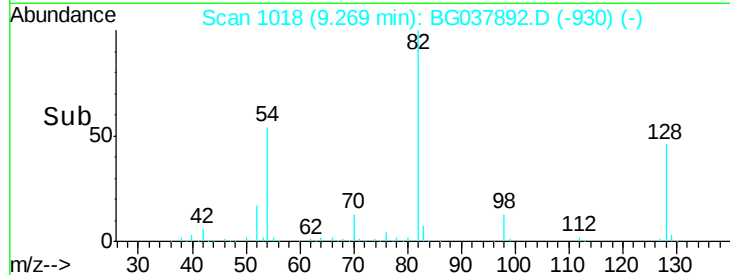
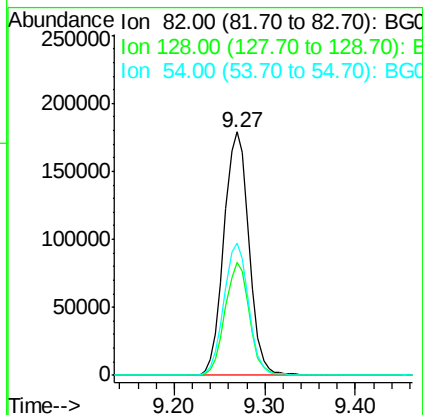
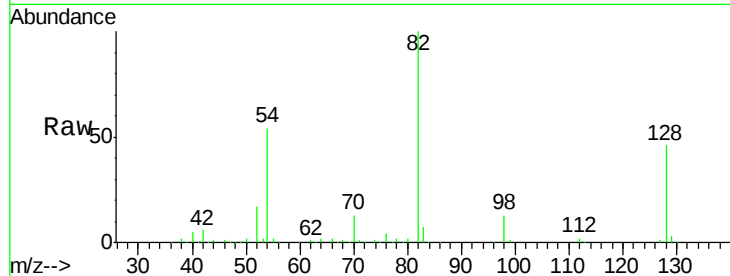
Tgt Ion: 136 Resp: 240333
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 9.6 7.9 11.9
68 6.1 4.8 7.2





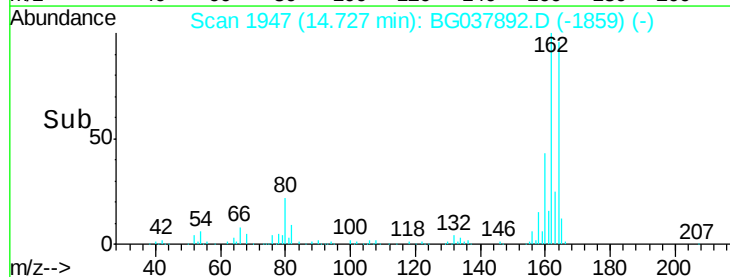
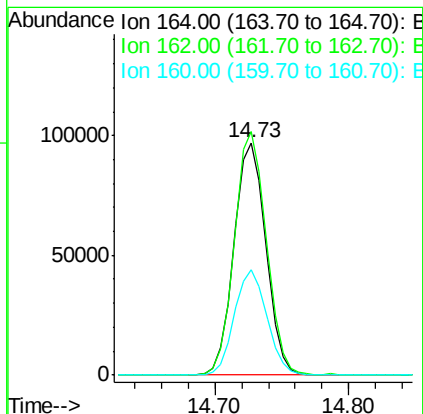
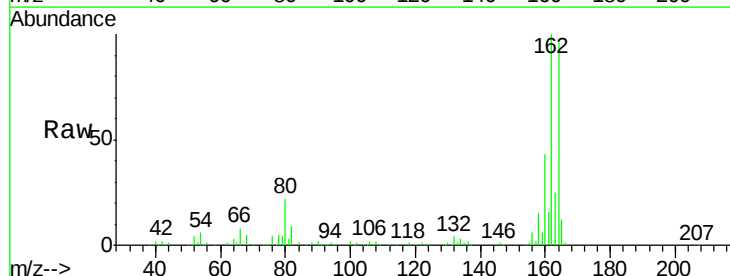
#23
 Nitrobenzene-d5
 Concen: 80.459 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037892.D
 Acq: 8 Nov 2018 19:15

Tgt Ion: 82 Resp: 345186
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.6 51.8
 54 54.3 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037892.D
 Acq: 8 Nov 2018 19:15

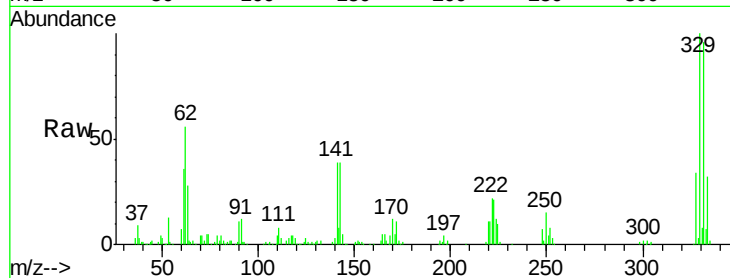
Tgt Ion: 164 Resp: 161060
 Ion Ratio Lower Upper
 164 100
 162 104.6 81.3 121.9
 160 45.5 36.3 54.5



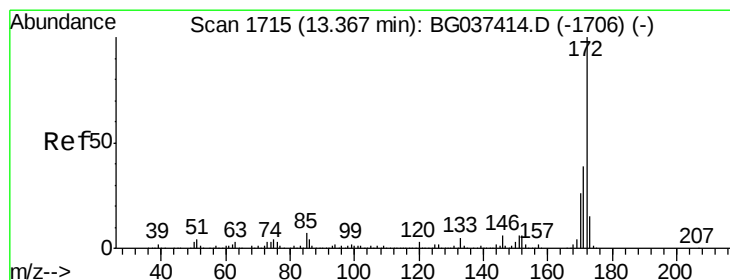
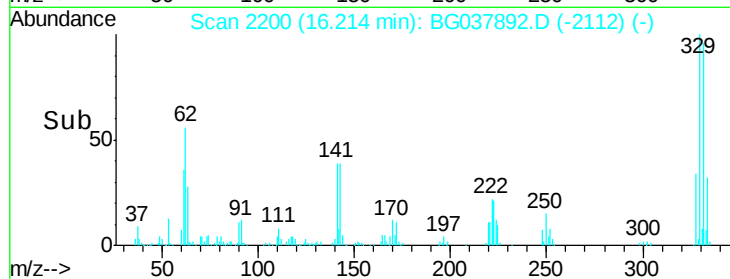
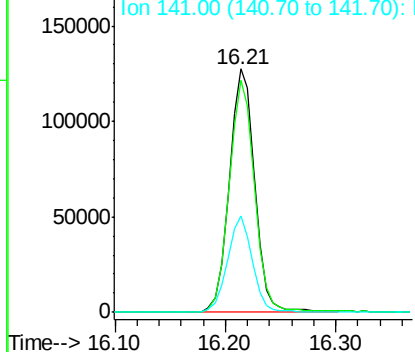


#42
 2,4,6-Tribromophenol
 Concen: 117.133 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037892.D
 Acq: 8 Nov 2018 19:15

Tgt Ion: 330 Resp: 205764
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.4 117.6
 141 39.0 32.2 48.2

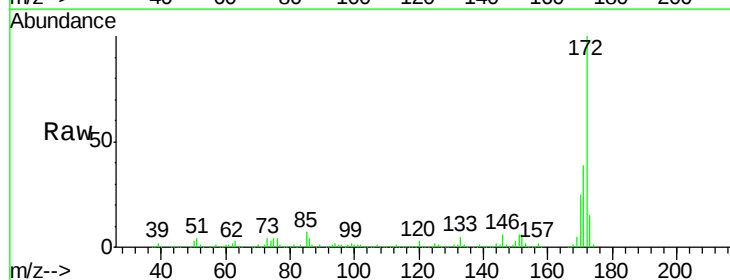


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

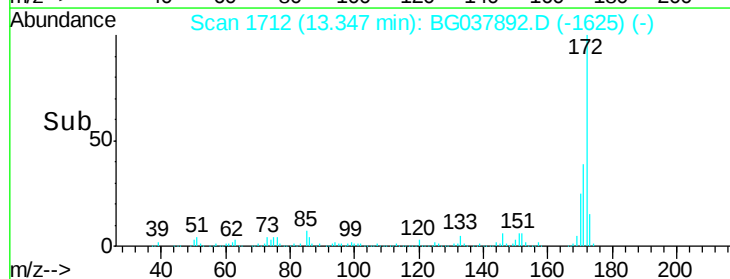
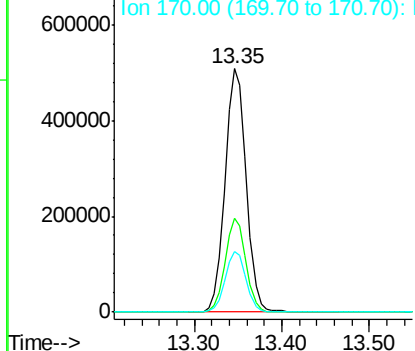


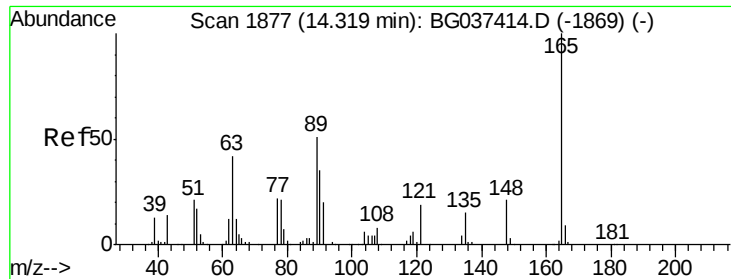
#45
 2-Fluorobiphenyl
 Concen: 79.048 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037892.D
 Acq: 8 Nov 2018 19:15

Tgt Ion: 172 Resp: 844289
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.0 46.4
 170 24.9 20.2 30.2



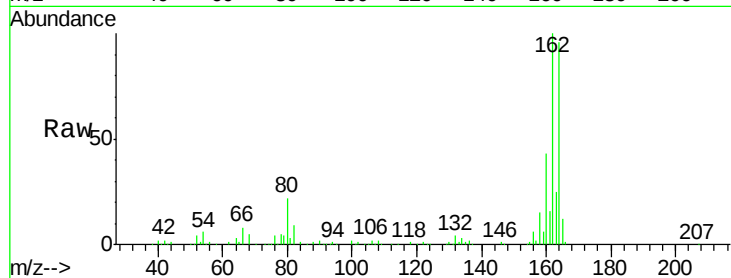
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#51
 2,6-Dinitrotoluene
 Concen: 7.433 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037892.D
 Acq: 8 Nov 2018 19:15

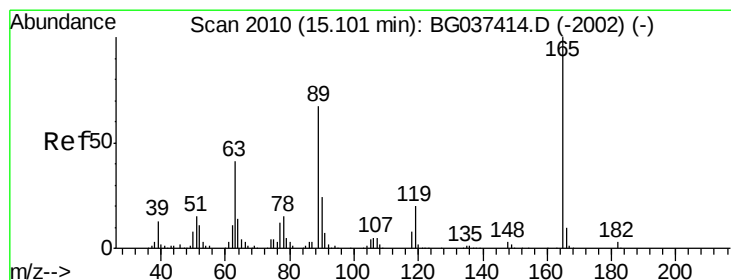
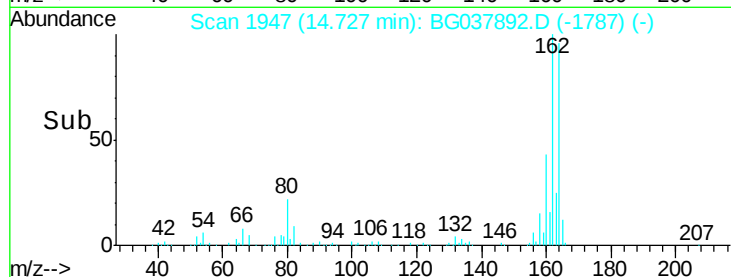
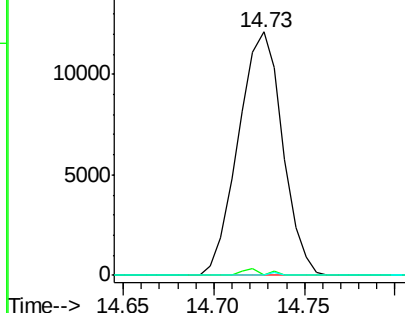
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



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: 5.662 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037892.D
 Acq: 8 Nov 2018 19:15

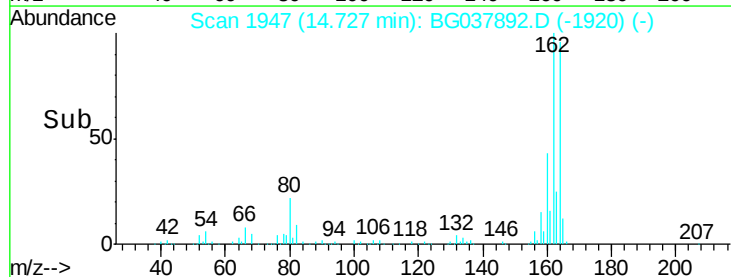
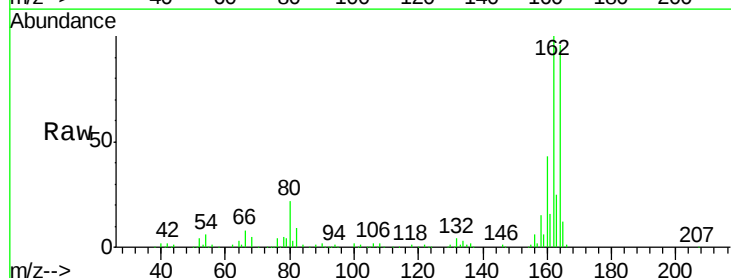
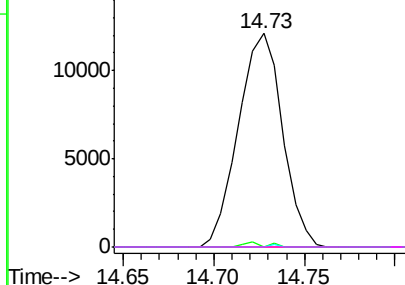
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

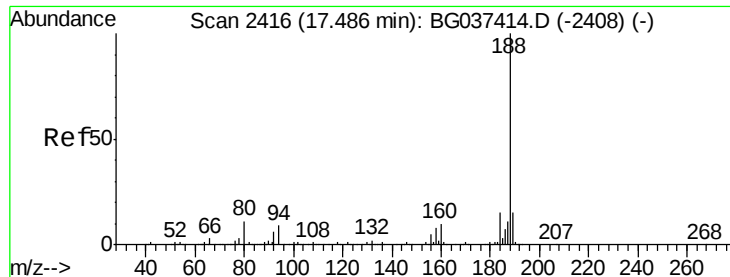
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037892.D

Acq: 8 Nov 2018 19:15

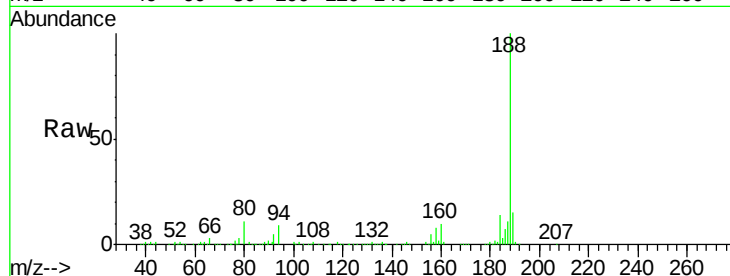
Tgt Ion:188 Resp: 358785

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

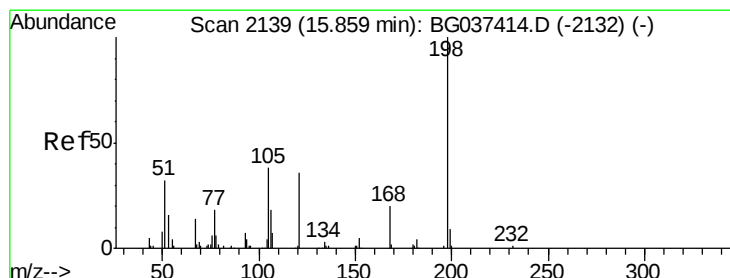
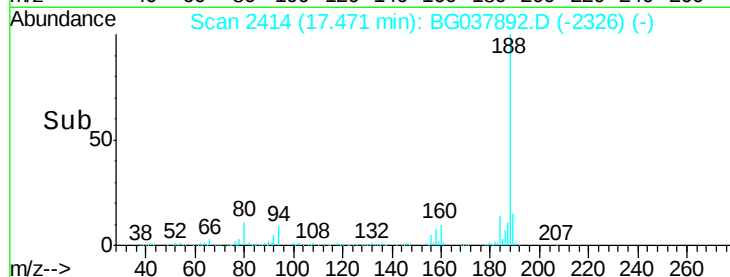
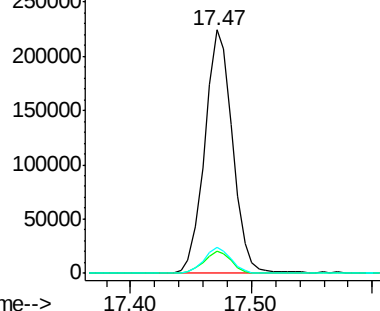
80 10.5 7.7 11.5



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: 8.792 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037892.D

Acq: 8 Nov 2018 19:15

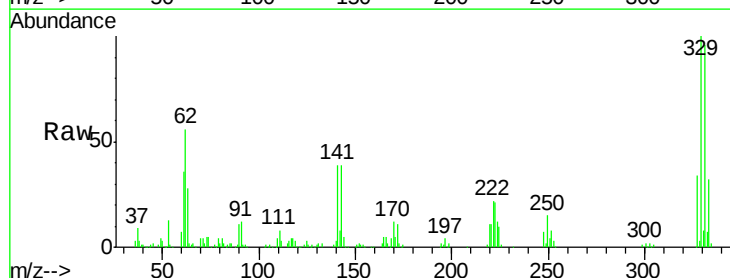
Tgt Ion:198 Resp: 652

Ion Ratio Lower Upper

198 100

51 24.8 22.7 62.7

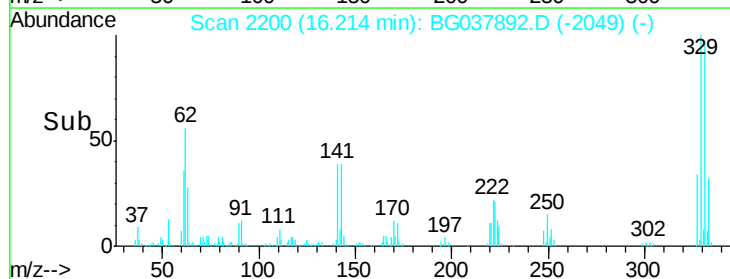
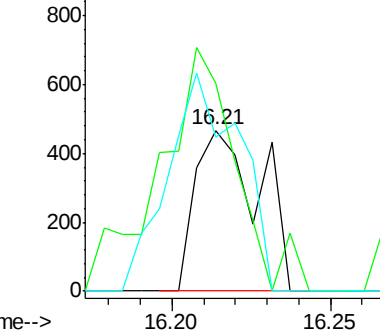
105 18.5 19.7 59.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

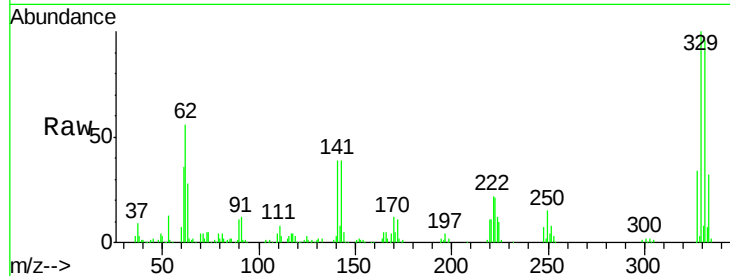
Ion 105.00 (104.70 to 105.70): E



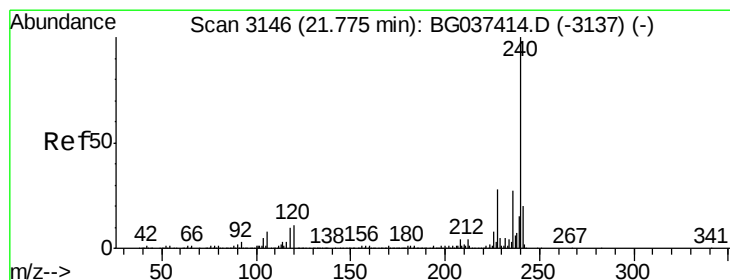
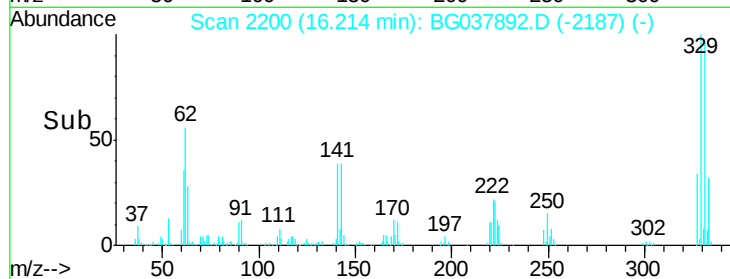
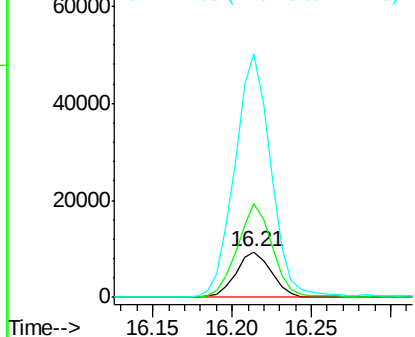


#67
 4-Bromophenyl-phenylether
 Concen: 3.711 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037892.D
 Acq: 8 Nov 2018 19:15

Tgt Ion:248 Resp: 14621
 Ion Ratio Lower Upper
 248 100
 250 201.0 77.0 115.6#
 141 408.8 55.5 83.3#

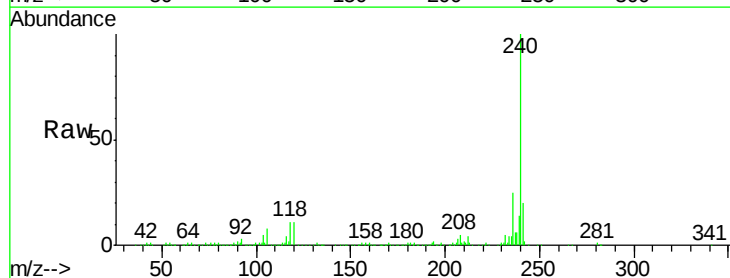


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

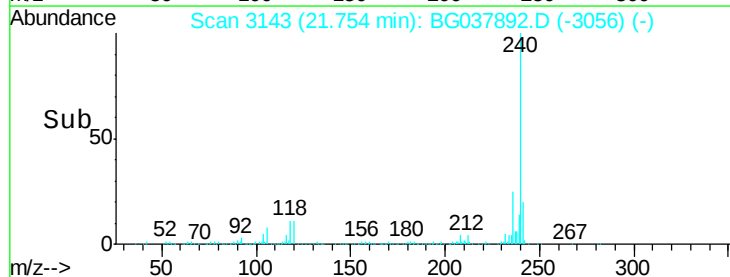
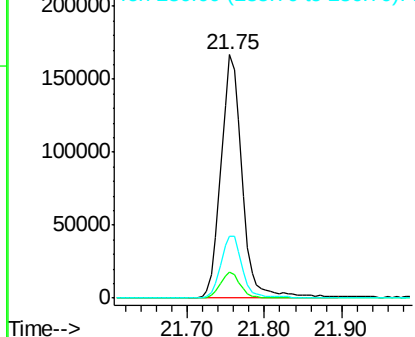


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037892.D
 Acq: 8 Nov 2018 19:15

Tgt Ion:240 Resp: 319111
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.1 12.1
 236 25.2 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: 80.600 ng

RT: 20.07 min Scan# 2857

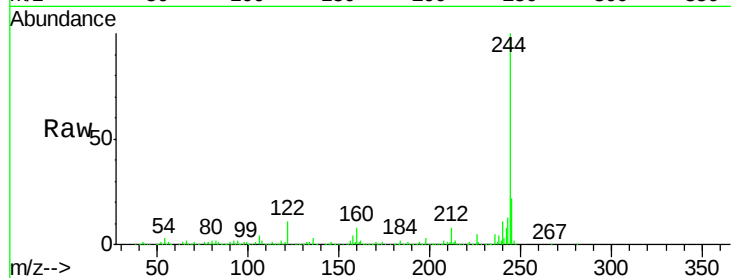
Delta R.T. -0.01 min

Lab File: BG037892.D

Acq: 8 Nov 2018 19:15

Tgt Ion:244 Resp: 1203704

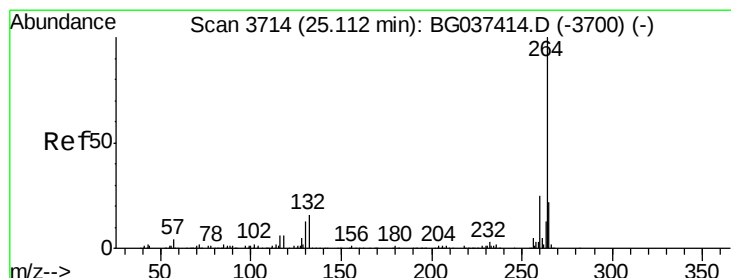
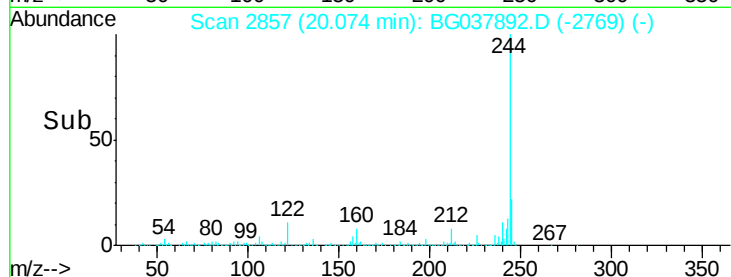
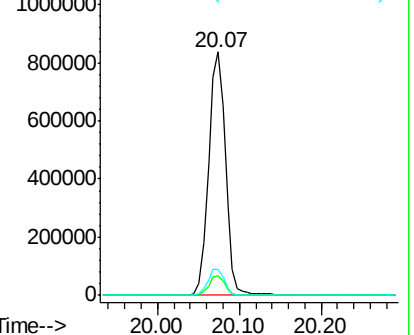
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.7	9.0	13.4



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# 3709

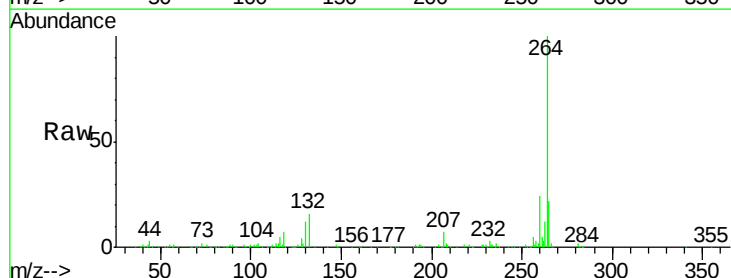
Delta R.T. -0.03 min

Lab File: BG037892.D

Acq: 8 Nov 2018 19:15

Tgt Ion:264 Resp: 287379

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	22.5	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

