

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037885.D
 Acq On : 8 Nov 2018 14:43
 Operator : JU/SJ
 Sample : PB114615BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

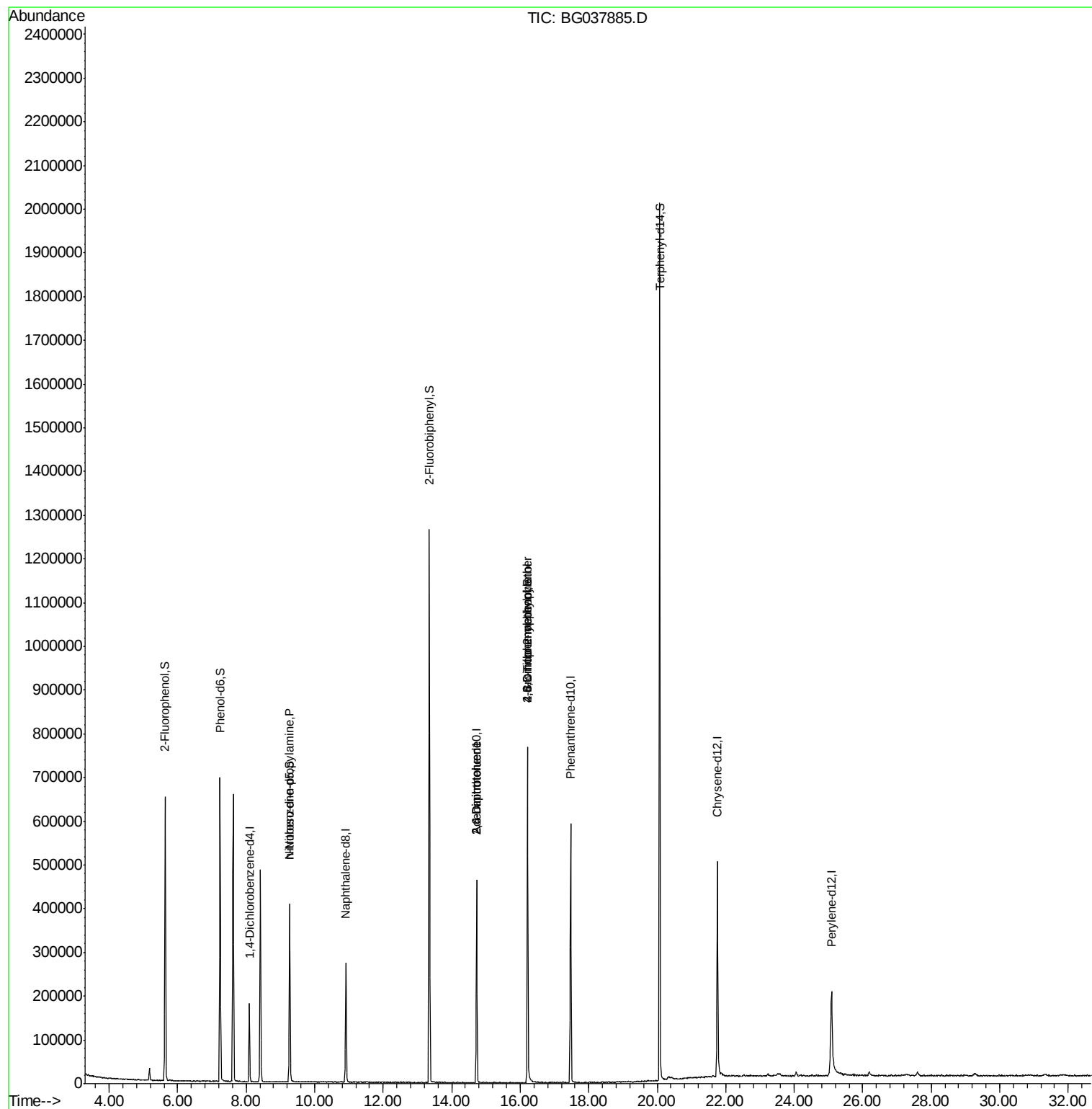
Quant Time: Nov 09 14:39:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53032	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	252136	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	170043	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	385765	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	344263	20.00	ng	-0.02
87) Perylene-d12	25.08	264	286019	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	302403	95.33	ng	-0.01
7) Phenol-d6	7.24	99	451238	94.08	ng	-0.01
23) Nitrobenzene-d5	9.27	82	264413	58.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	154247	83.17	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	696799	61.79	ng	-0.02
79) Terphenyl-d14	20.07	244	1021927	63.43	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	33594	10.171	ng	# 71
51) 2,6-Dinitrotoluene	14.72	165	22350	7.680	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	22350	5.851	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	503	8.712	ng	94
67) 4-Bromophenyl-phenylether	16.22	248	11042	2.607	ng	# 1

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

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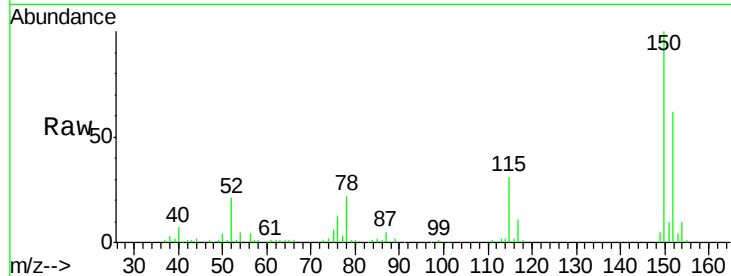
Quant Time: Nov 09 14:39:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
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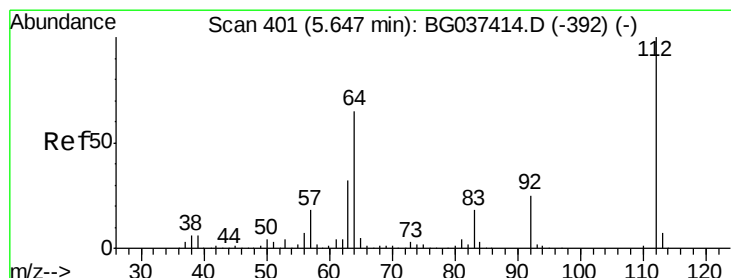
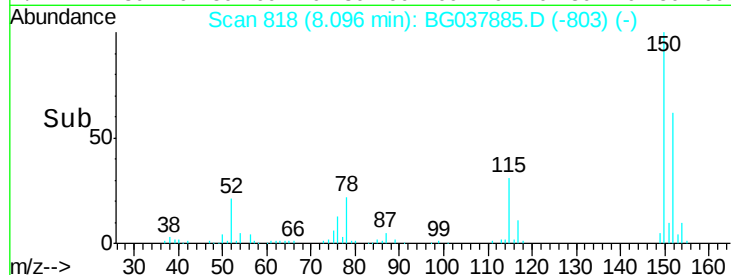
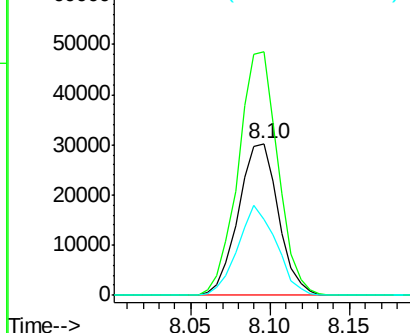


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037885.D
 Acq: 8 Nov 2018 14:43

Tgt Ion:152 Resp: 53032
 Ion Ratio Lower Upper
 152 100
 150 160.4 126.0 189.0
 115 50.4 45.5 68.3

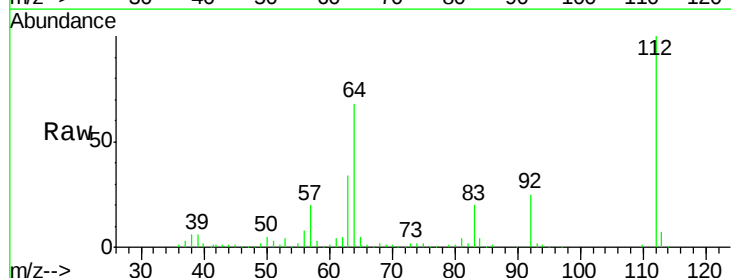


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

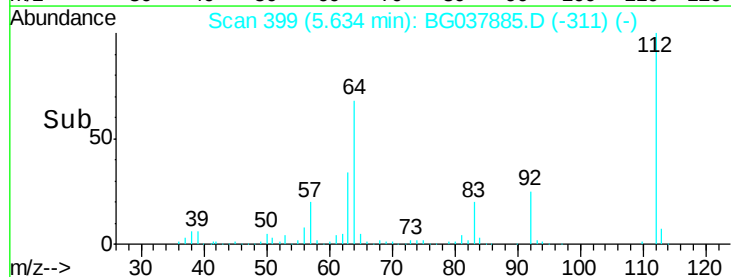
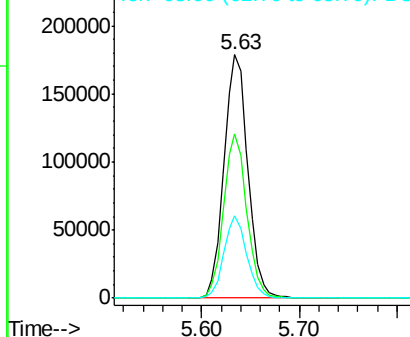


#5
 2-Fluorophenol
 Concen: 95.334 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG037885.D
 Acq: 8 Nov 2018 14:43

Tgt Ion:112 Resp: 302403
 Ion Ratio Lower Upper
 112 100
 64 67.5 53.1 79.7
 63 33.9 27.3 40.9



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





#7

Phenol-d6

Concen: 94.076 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037885.D

Acq: 8 Nov 2018 14:43

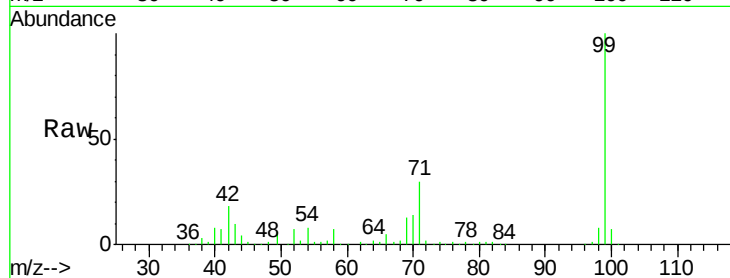
Tgt Ion: 99 Resp: 451238

Ion Ratio Lower Upper

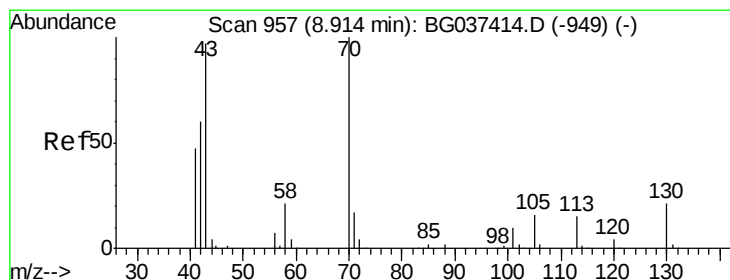
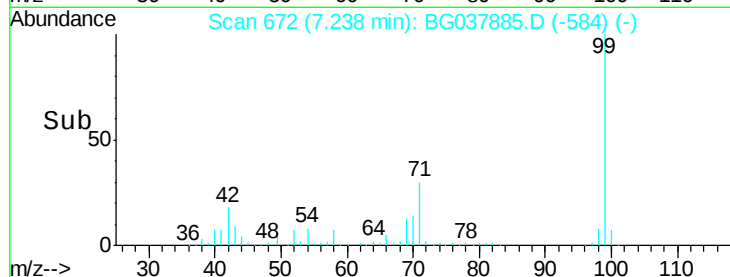
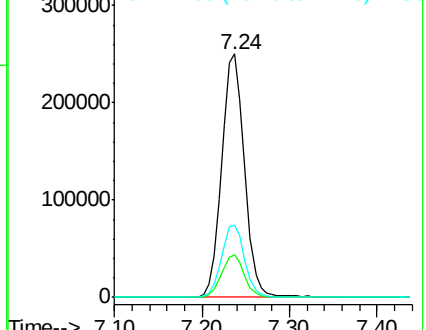
99 100

42 17.7 15.0 22.4

71 29.8 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: 10.171 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.35 min

Lab File: BG037885.D

Acq: 8 Nov 2018 14:43

Tgt Ion: 70 Resp: 33594

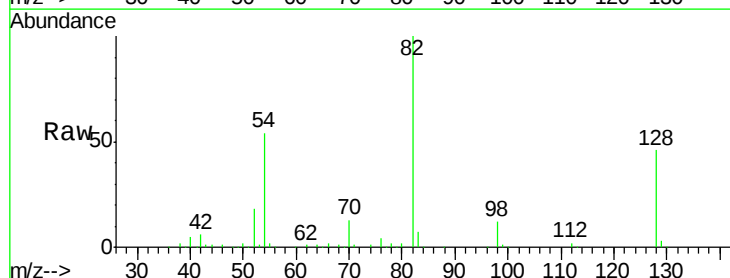
Ion Ratio Lower Upper

70 100

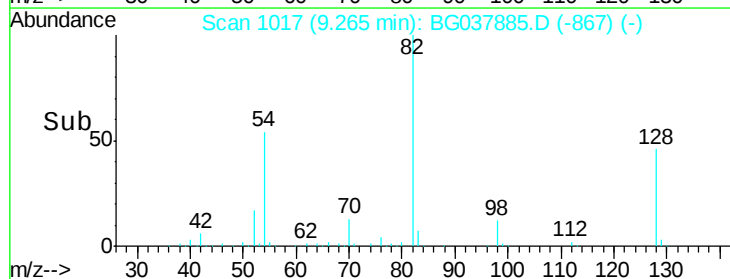
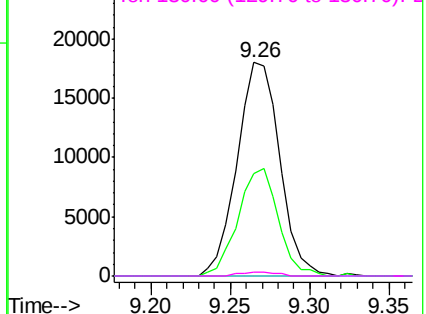
42 48.0 53.9 80.9#

101 0.0 8.2 12.2#

130 2.0 18.2 27.4#



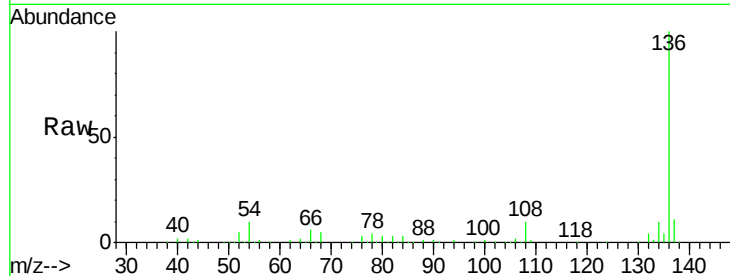
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



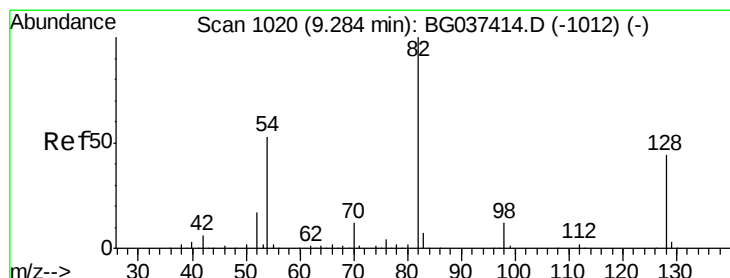
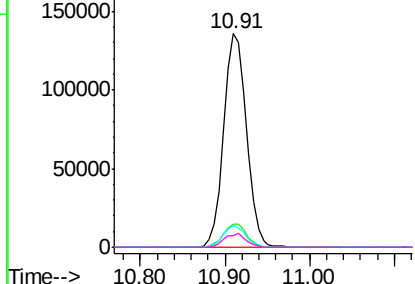
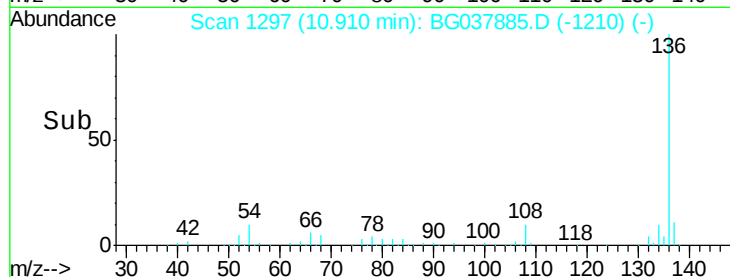


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037885.D
Acq: 8 Nov 2018 14:43

Tgt Ion:	136	Resp:	252136
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	10.4	7.9	11.9
68	5.3	4.8	7.2

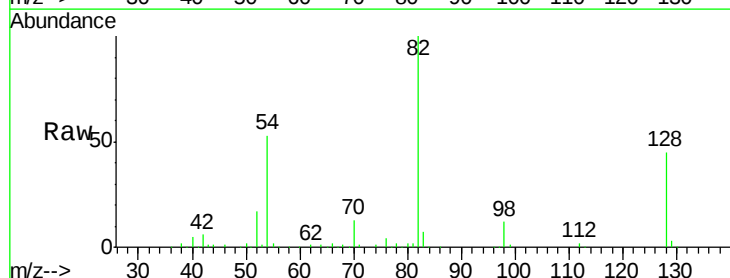


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

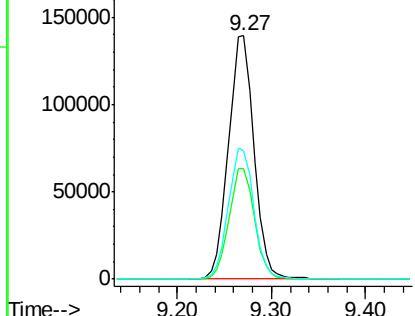
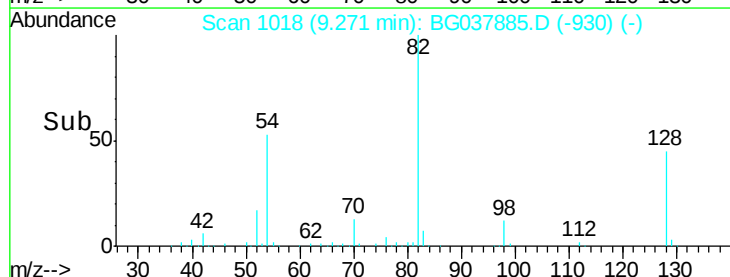


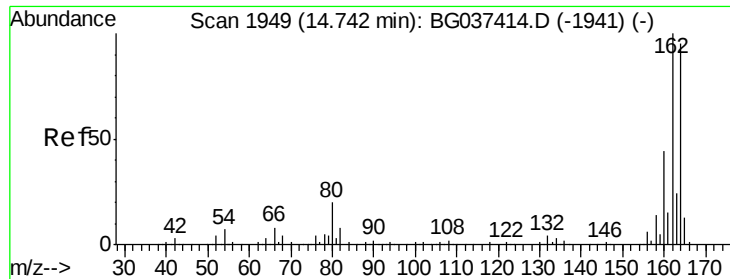
#23
Nitrobenzene-d5
Concen: 58.747 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037885.D
Acq: 8 Nov 2018 14:43

Tgt Ion:	82	Resp:	264413
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	52.9	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. -0.01 min

Lab File: BG037885.D

Acq: 8 Nov 2018 14:43

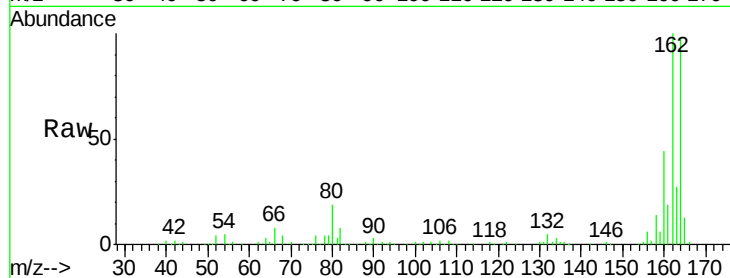
Tgt Ion:164 Resp: 170043

Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

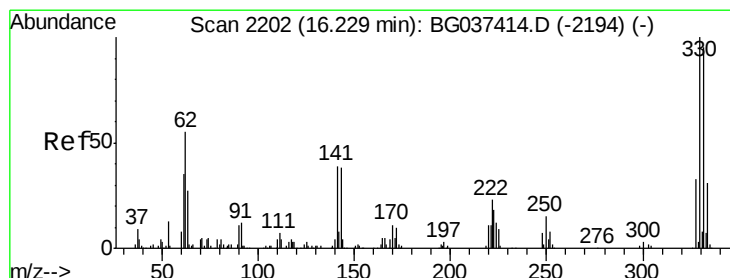
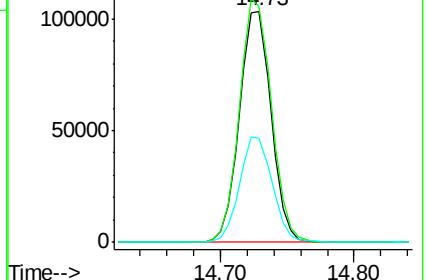
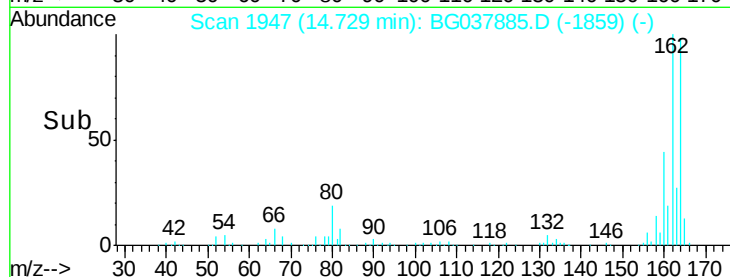
160 45.1 36.3 54.5



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: 83.168 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037885.D

Acq: 8 Nov 2018 14:43

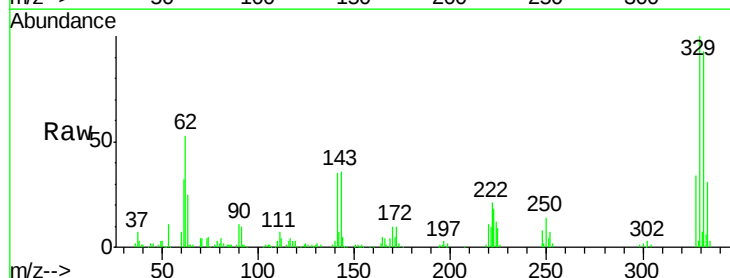
Tgt Ion:330 Resp: 154247

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

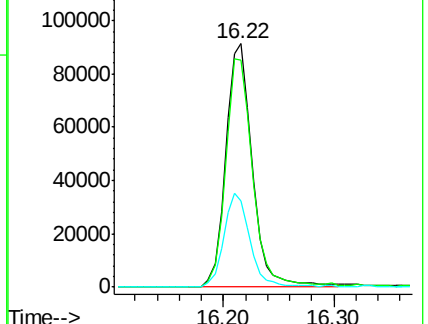
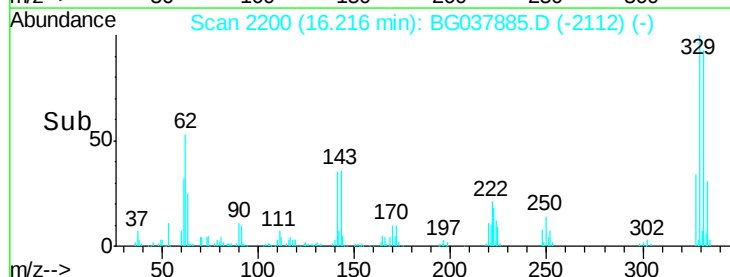
141 37.8 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

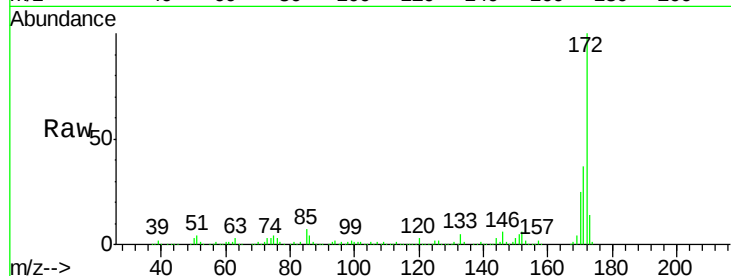
Ion 141.00 (140.70 to 141.70): E



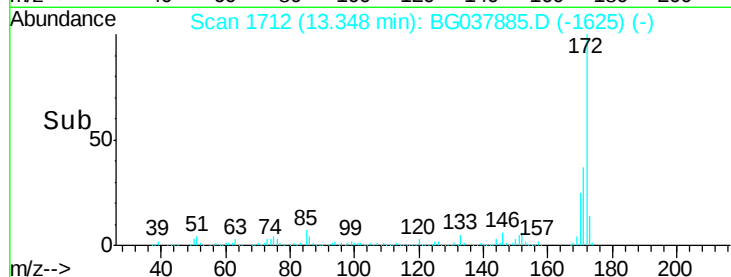
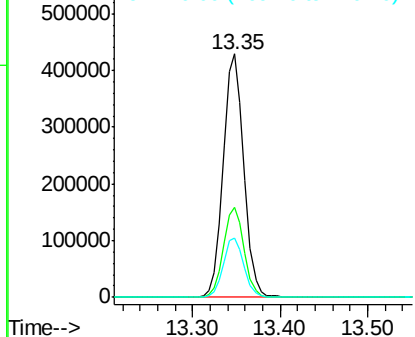


#45
 2-Fluorobiphenyl
 Concen: 61.792 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037885.D
 Acq: 8 Nov 2018 14:43

Tgt Ion:	172	Resp:	696799
Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.5	20.2	30.2

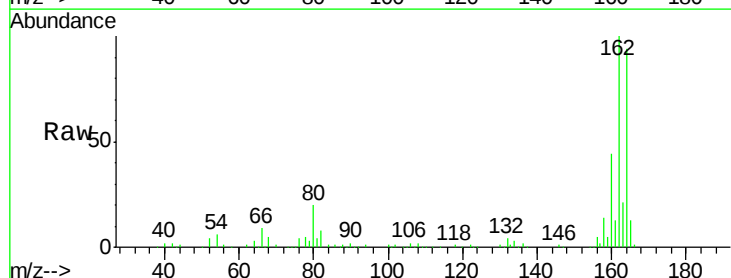


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

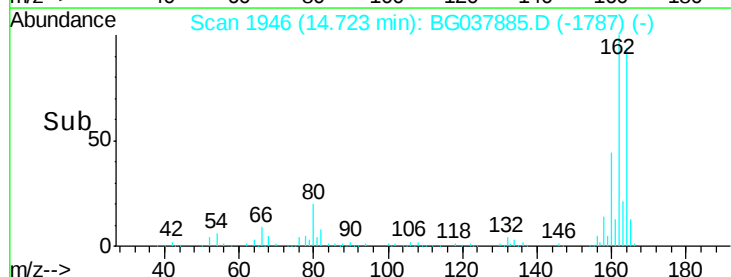
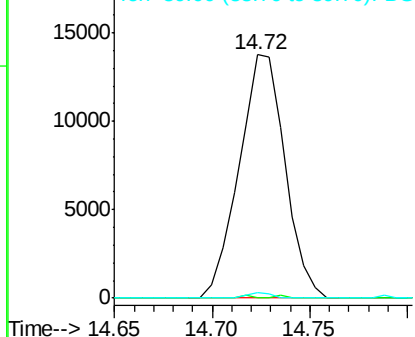


#51
 2,6-Dinitrotoluene
 Concen: 7.680 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG037885.D
 Acq: 8 Nov 2018 14:43

Tgt Ion:	165	Resp:	22350
Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.2	45.8	68.6#



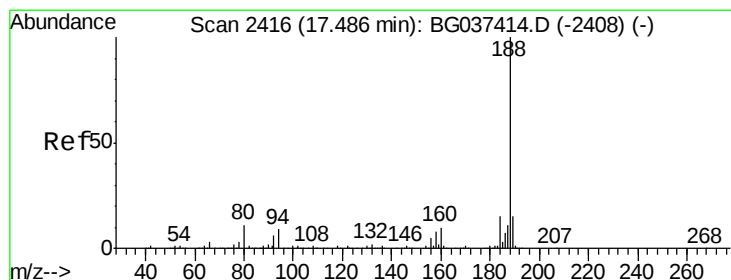
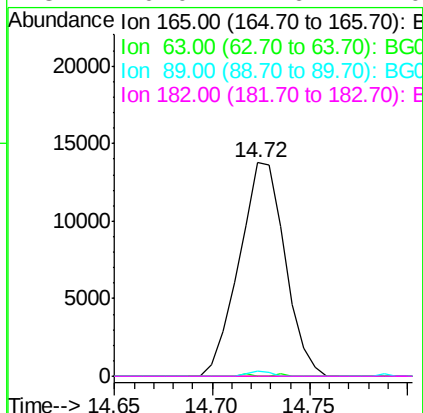
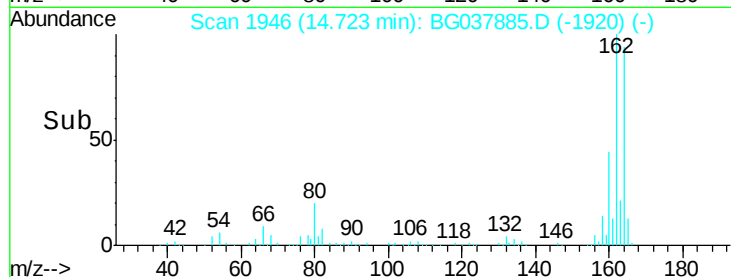
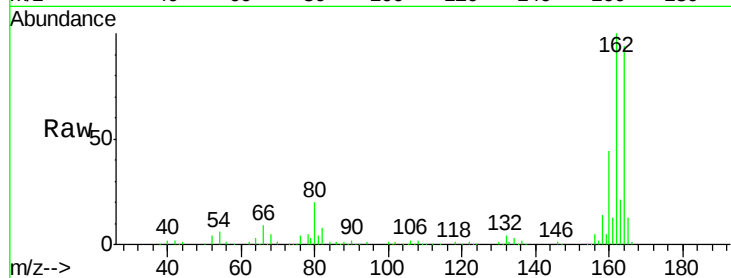
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0





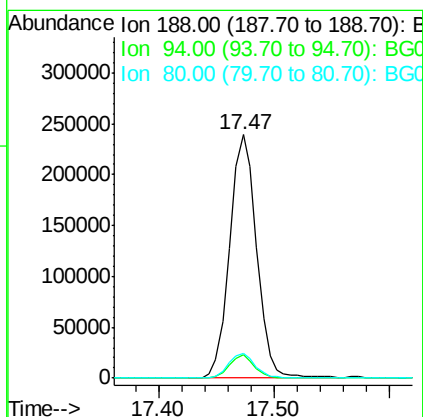
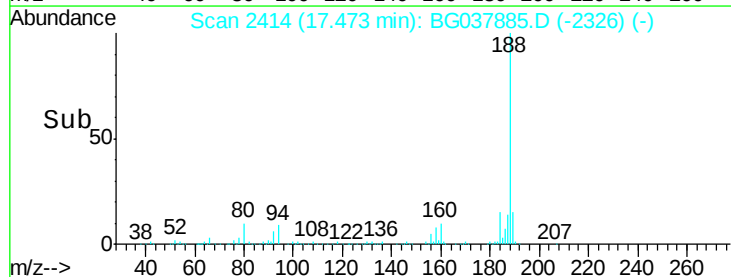
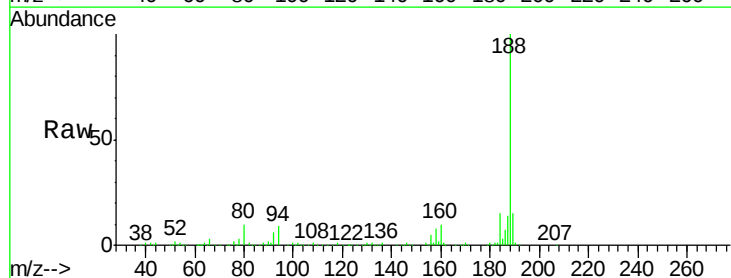
#57
 2,4-Dinitrotoluene
 Concen: 5.851 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037885.D
 Acq: 8 Nov 2018 14:43

Tgt Ion:	165	Resp:	22350
Ion	Ratio	Lower	Upper
165	100		
63	0.0	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. -0.01 min
 Lab File: BG037885.D
 Acq: 8 Nov 2018 14:43

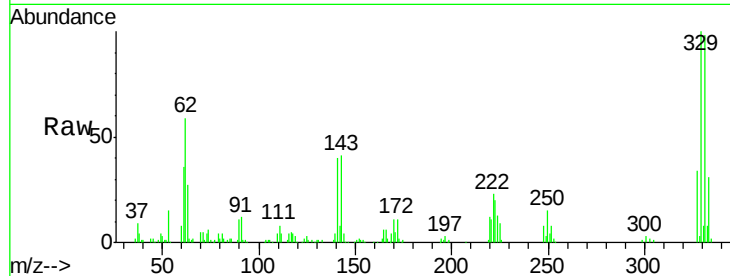
Tgt Ion:	188	Resp:	385765
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.1	7.7	11.5



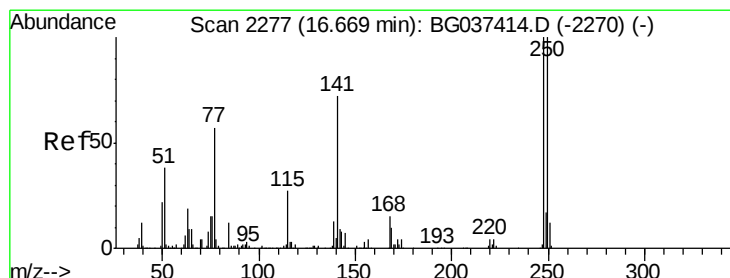
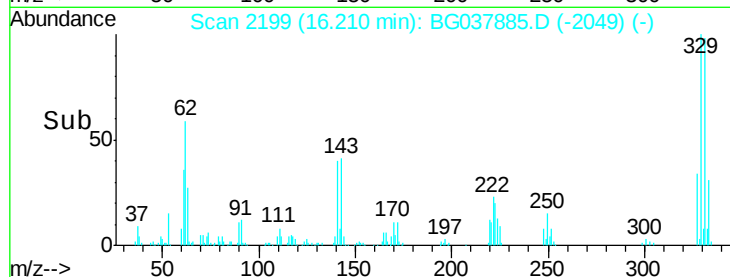
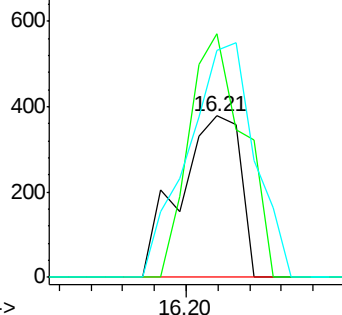


#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.712 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037885.D
 Acq: 8 Nov 2018 14:43

Tgt Ion:198 Resp: 503
 Ion Ratio Lower Upper
 198 100
 51 38.7 22.7 62.7
 105 36.0 19.7 59.7

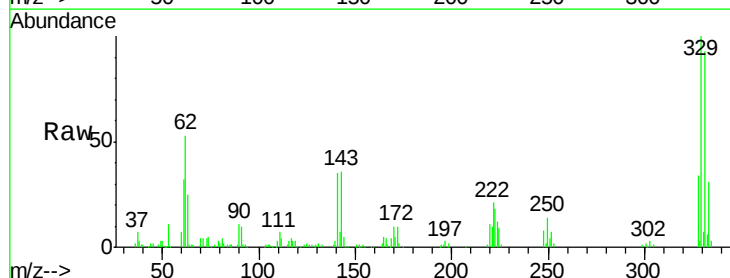


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

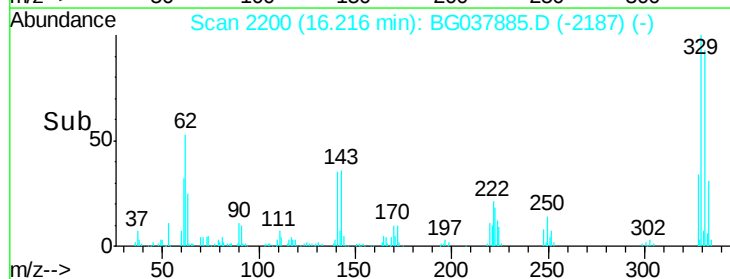
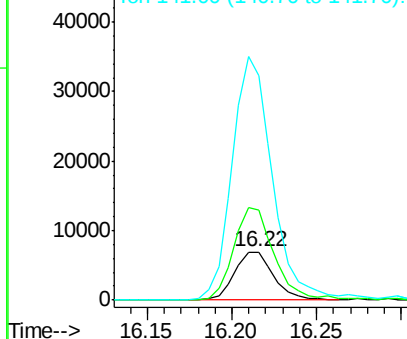


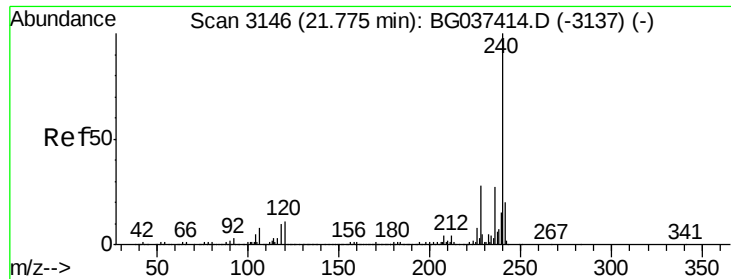
#67
 4-Bromophenyl-phenylether
 Concen: 2.607 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037885.D
 Acq: 8 Nov 2018 14:43

Tgt Ion:248 Resp: 11042
 Ion Ratio Lower Upper
 248 100
 250 192.2 77.0 115.6#
 141 367.5 55.5 83.3#



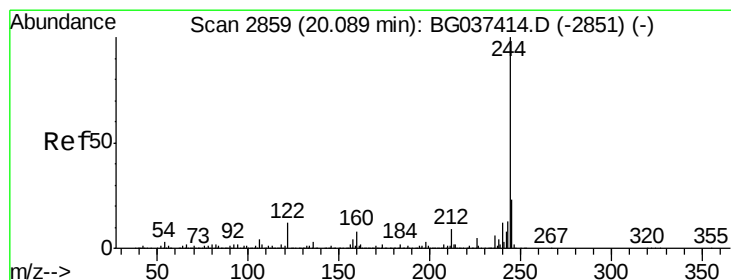
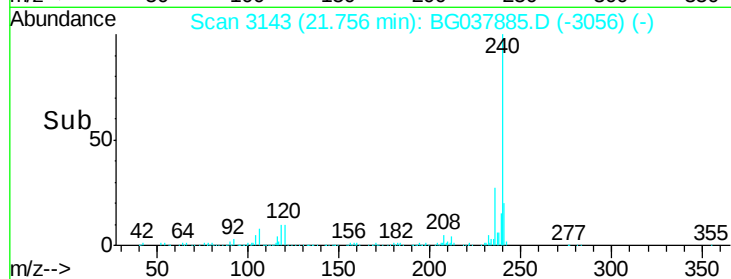
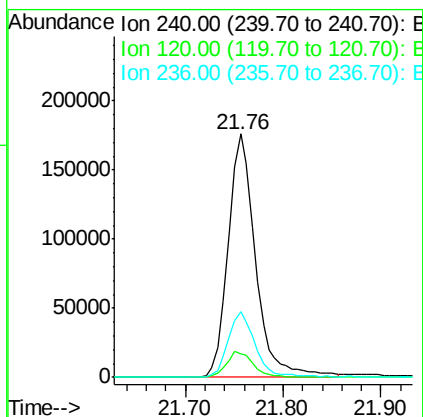
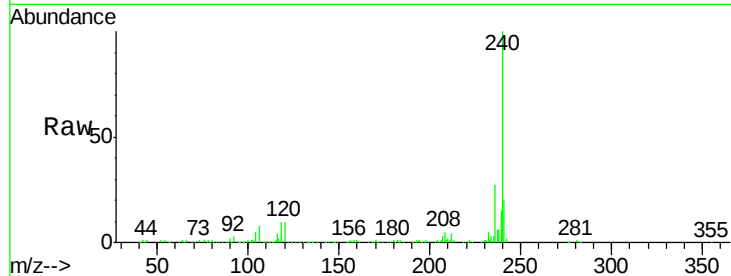
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





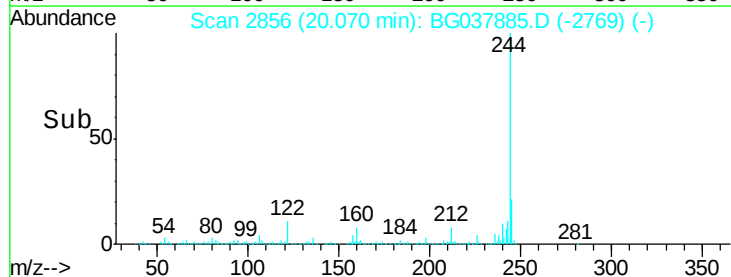
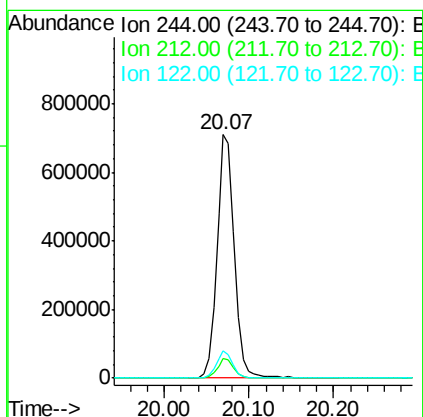
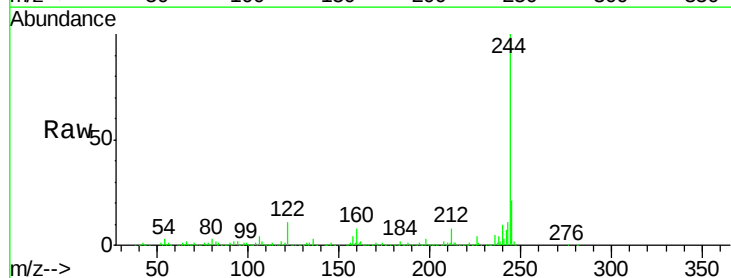
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037885.D
Acq: 8 Nov 2018 14:43

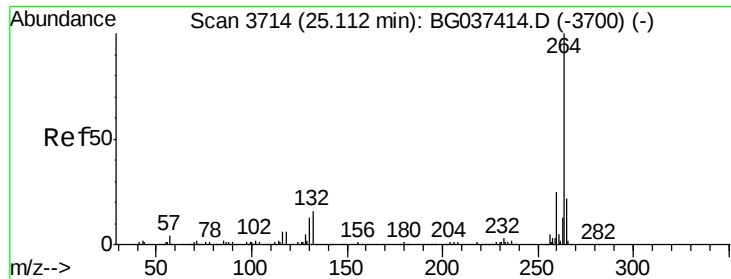
Tgt Ion:240 Resp: 344263
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 26.8 21.4 32.0



#79
Terphenyl-d14
Concen: 63.429 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037885.D
Acq: 8 Nov 2018 14:43

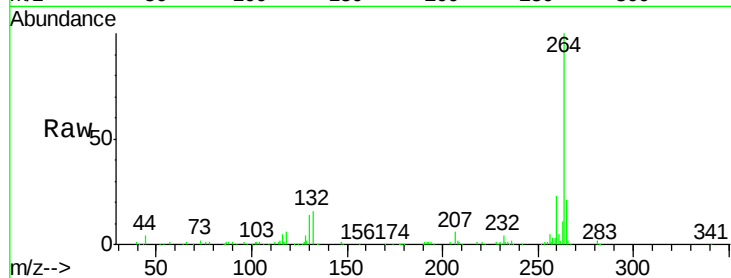
Tgt Ion:244 Resp: 1021927
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 11.0 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037885.D
Acq: 8 Nov 2018 14:43

Tgt Ion:	264	Resp:	286019
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.2	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

