

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037899.D
 Acq On : 8 Nov 2018 23:47
 Operator : JU/SJ
 Sample : PB114622BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

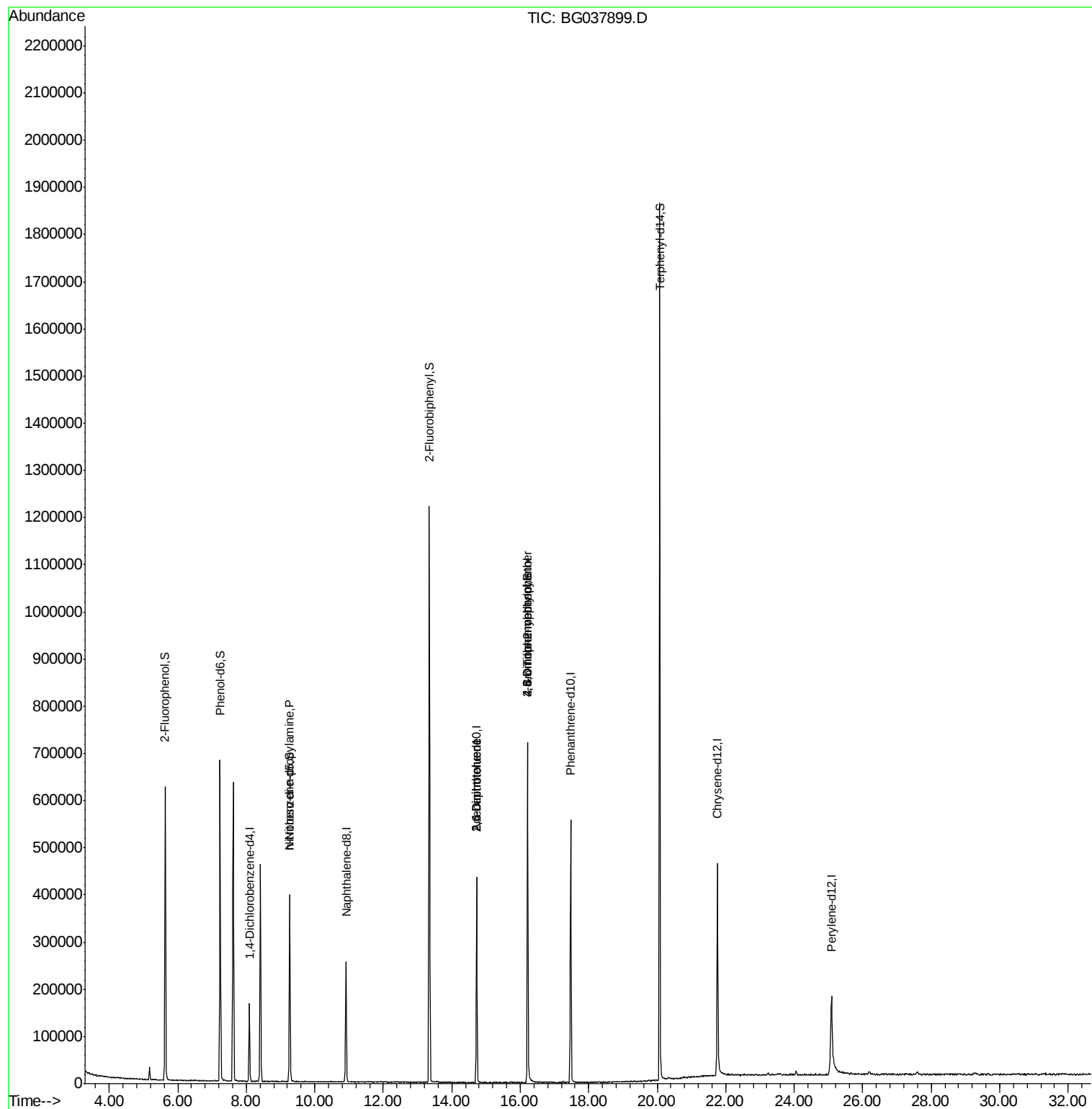
Quant Time: Nov 09 14:43:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

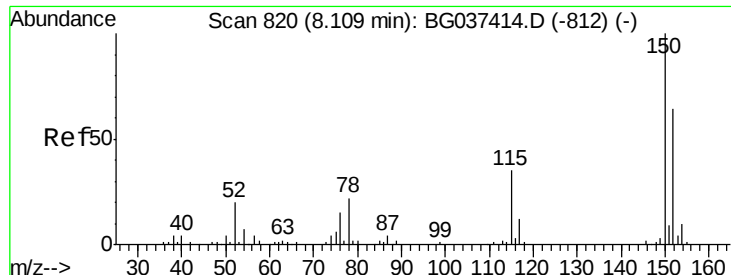
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51172	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	236914	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	158247	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	357300	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	324011	20.00	ng	-0.02
87) Perylene-d12	25.09	264	273049	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	297773	97.29	ng	-0.01
7) Phenol-d6	7.24	99	437017	94.42	ng	-0.01
23) Nitrobenzene-d5	9.27	82	258409	61.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	145602	84.36	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	669970	63.84	ng	-0.02
79) Terphenyl-d14	20.07	244	977260	64.45	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	32074	10.064	ng	# 72
51) 2,6-Dinitrotoluene	14.72	165	20196	7.457	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	20196	5.681	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.21	198	183	8.588	ng	# 70
67) 4-Bromophenyl-phenylether	16.21	248	10668	2.719	ng	# 1

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

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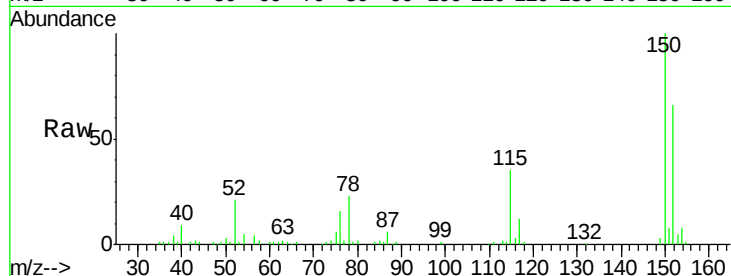
Quant Time: Nov 09 14:43:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
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QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration



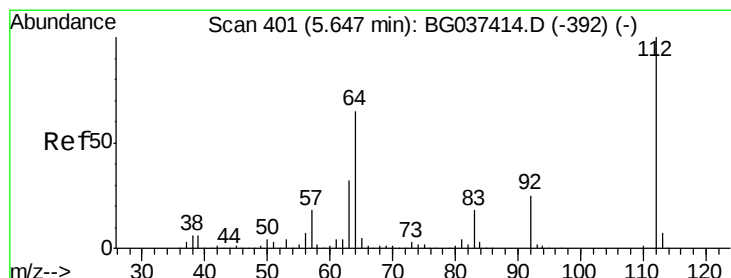
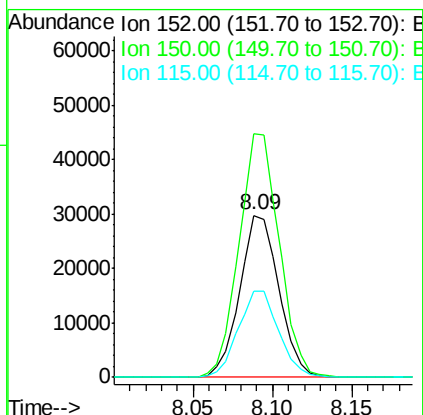
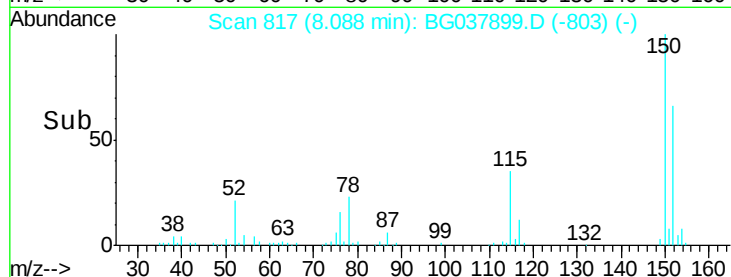


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG037899.D
 Acq: 8 Nov 2018 23:47

Tgt Ion:152 Resp: 51172
 Ion Ratio Lower Upper
 152 100
 150 150.4 126.0 189.0
 115 53.0 45.5 68.3

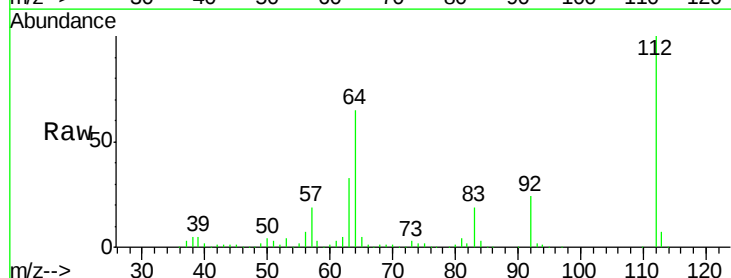


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

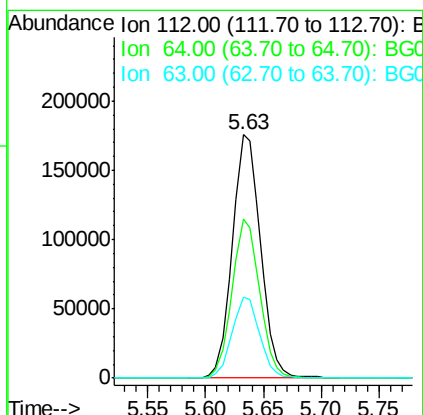
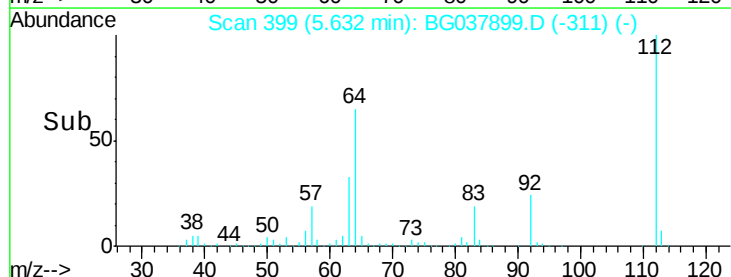


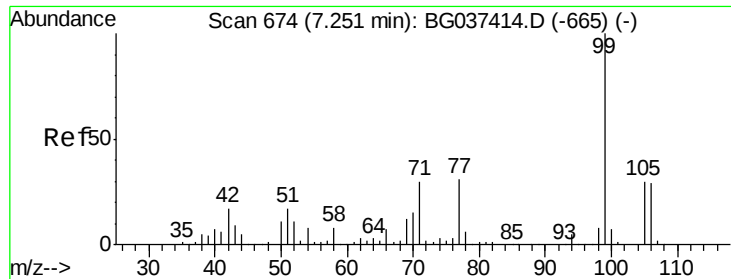
#5
 2-Fluorophenol
 Concen: 97.286 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG037899.D
 Acq: 8 Nov 2018 23:47

Tgt Ion:112 Resp: 297773
 Ion Ratio Lower Upper
 112 100
 64 65.1 53.1 79.7
 63 33.2 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: 94.423 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037899.D

Acq: 8 Nov 2018 23:47

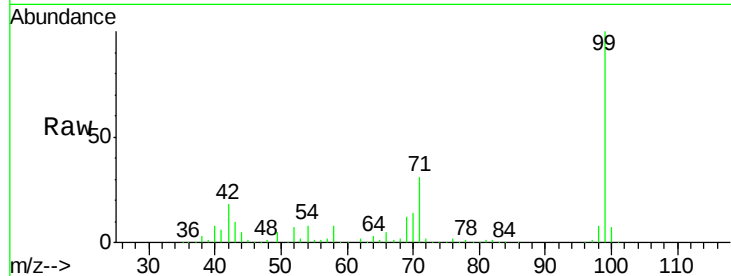
Tgt Ion: 99 Resp: 437017

Ion Ratio Lower Upper

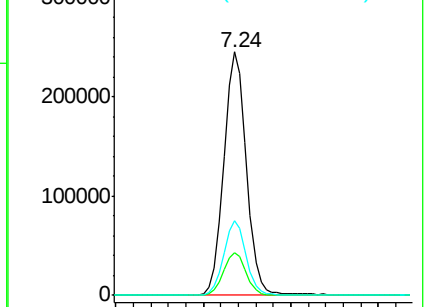
99 100

42 17.5 15.0 22.4

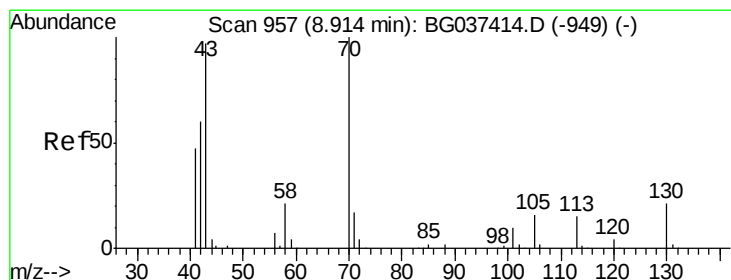
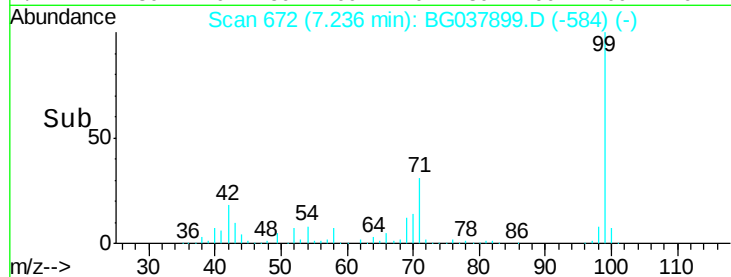
71 30.5 25.5 38.3



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



Time--> 7.10 7.20 7.30 7.40



#19

n-Nitroso-di-n-propylamine

Concen: 10.064 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037899.D

Acq: 8 Nov 2018 23:47

Tgt Ion: 70 Resp: 32074

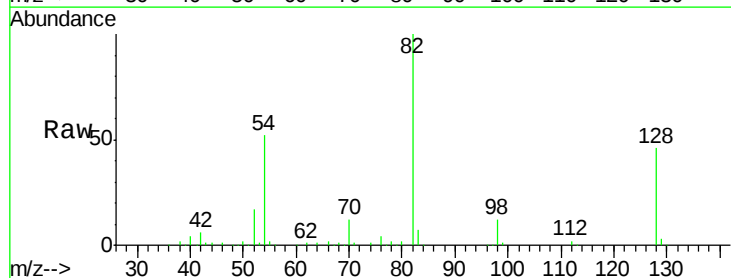
Ion Ratio Lower Upper

70 100

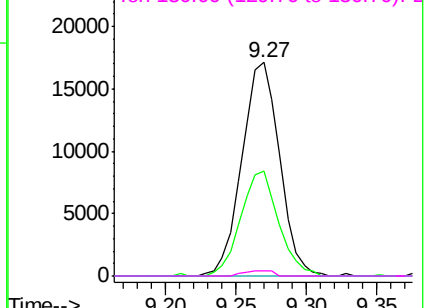
42 49.2 53.9 80.9#

101 0.0 8.2 12.2#

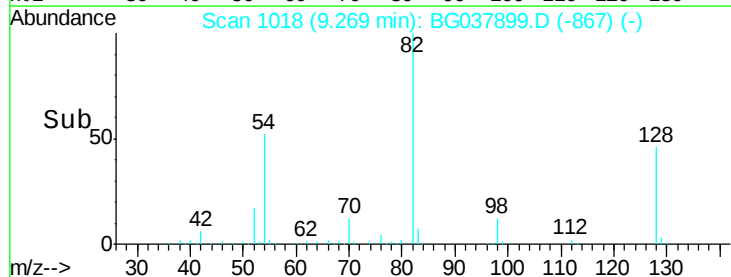
130 2.5 18.2 27.4#



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



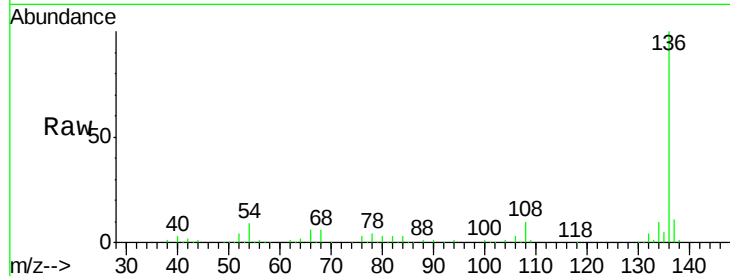
Time--> 9.20 9.25 9.30 9.35



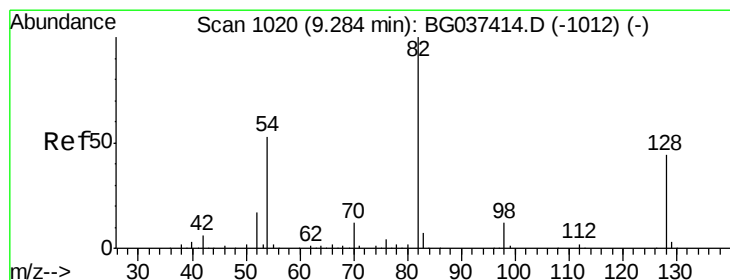
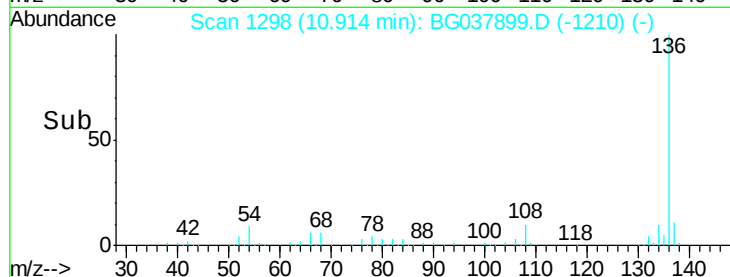
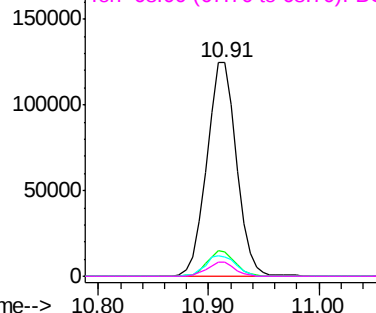


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037899.D
Acq: 8 Nov 2018 23:47

Tgt Ion:	136	Resp:	236914
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	8.7	7.9	11.9
68	6.5	4.8	7.2

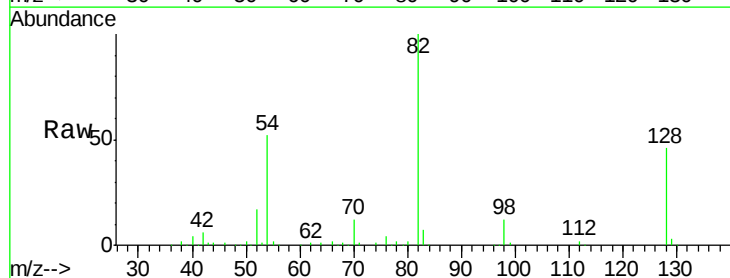


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

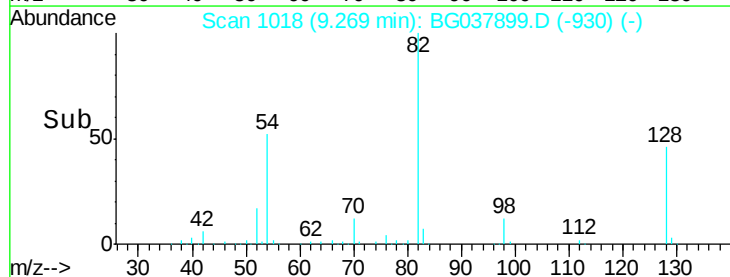
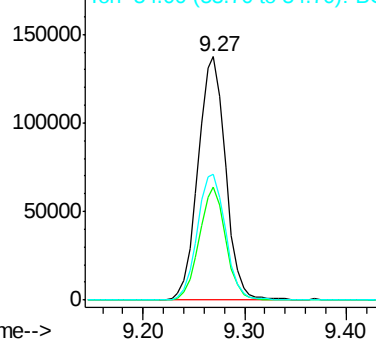


#23
Nitrobenzene-d5
Concen: 61.102 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037899.D
Acq: 8 Nov 2018 23:47

Tgt Ion:	82	Resp:	258409
Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.6	51.8
54	52.0	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

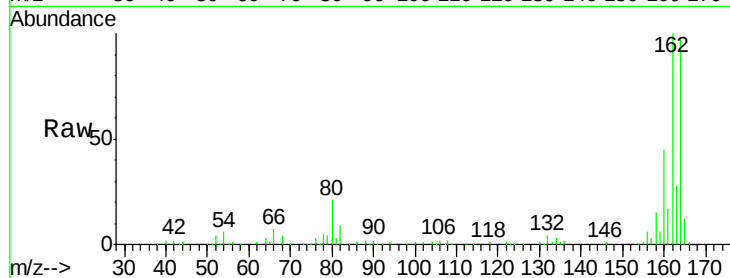
RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037899.D

Acq: 8 Nov 2018 23:47

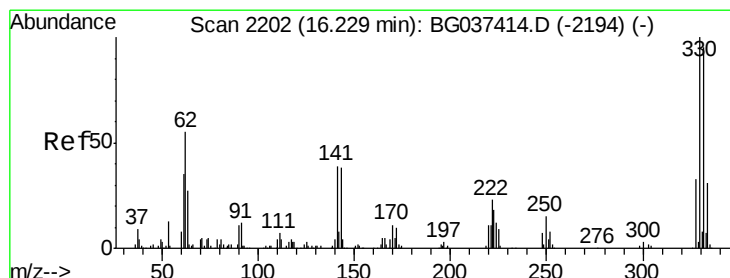
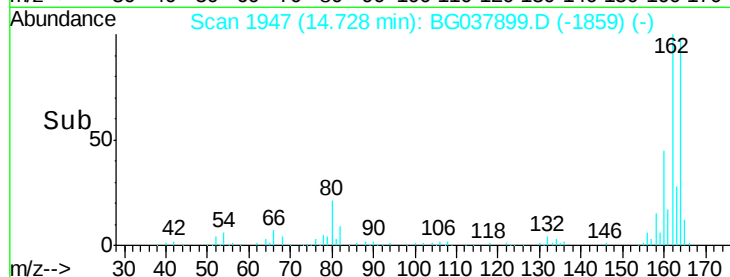
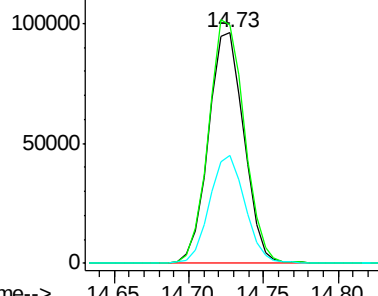
Tgt Ion:	164	Resp:	158247
Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.3	121.9
160	47.0	36.3	54.5



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: 84.359 ng

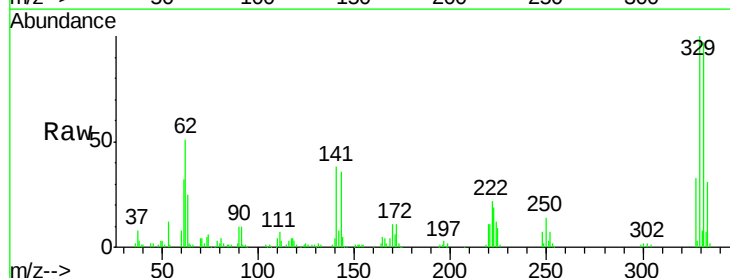
RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037899.D

Acq: 8 Nov 2018 23:47

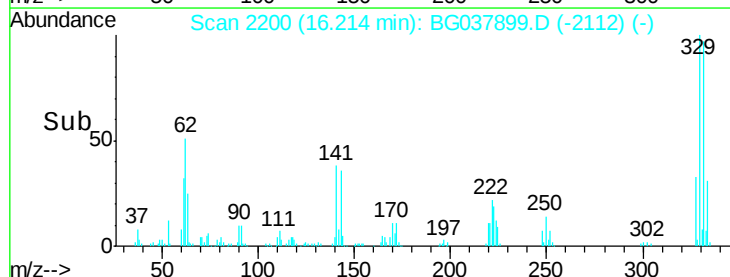
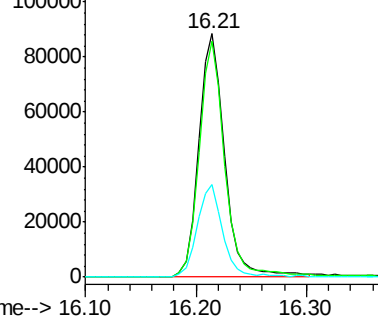
Tgt Ion:	330	Resp:	145602
Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.4	117.6
141	38.0	32.2	48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

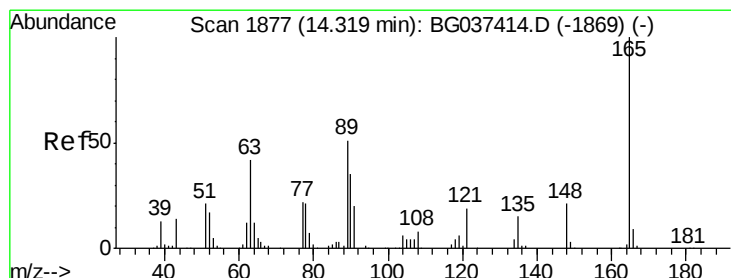
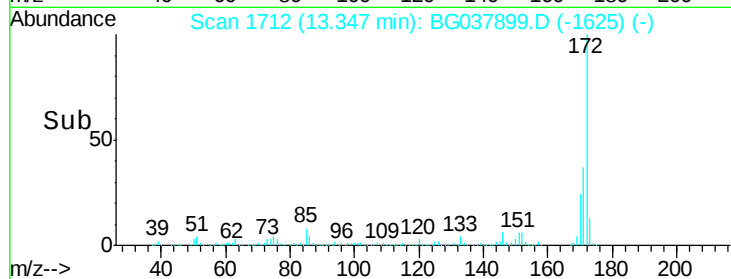
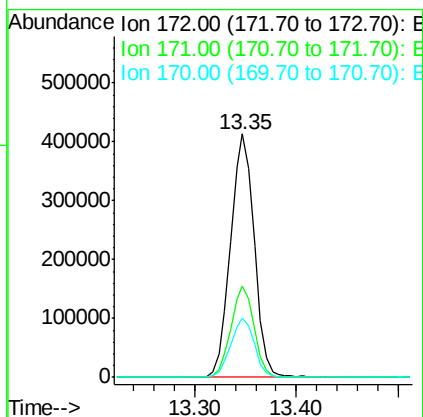
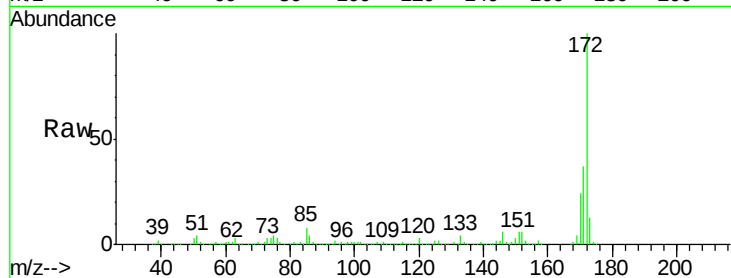
Ion 141.00 (140.70 to 141.70): E





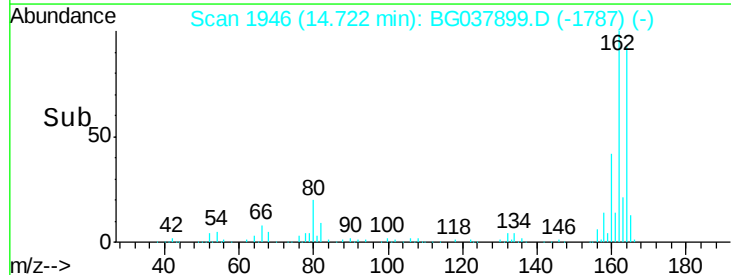
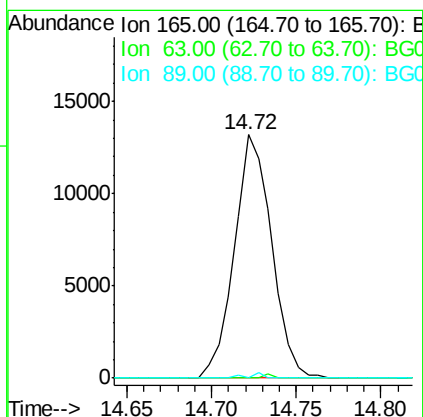
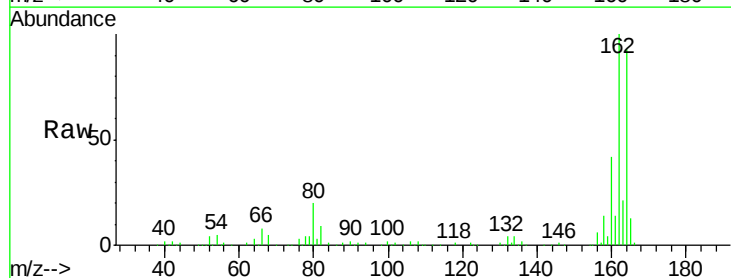
#45
 2-Fluorobiphenyl
 Concen: 63.842 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037899.D
 Acq: 8 Nov 2018 23:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	24.5	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.457 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG037899.D
 Acq: 8 Nov 2018 23:47

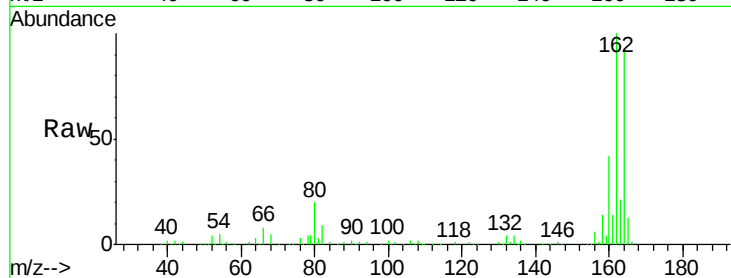
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#





#57
 2,4-Dinitrotoluene
 Concen: 5.681 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037899.D
 Acq: 8 Nov 2018 23:47

Tgt Ion:	165	Resp:	20196
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#

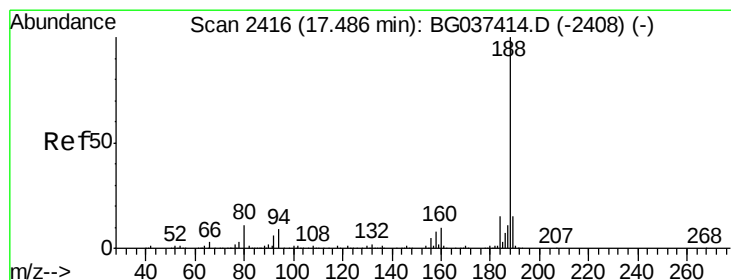
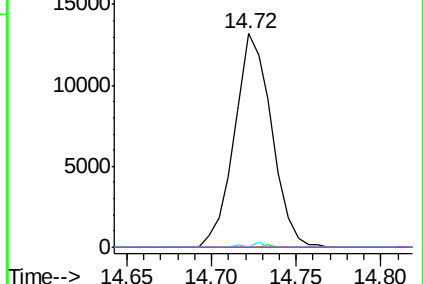
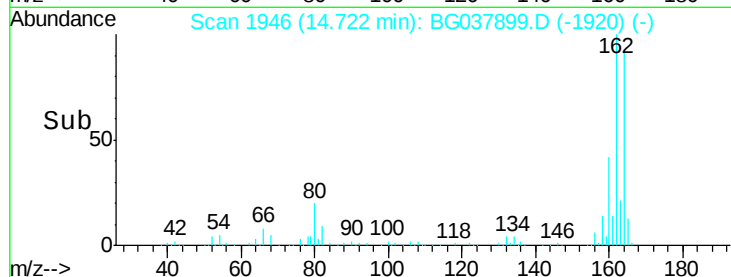


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

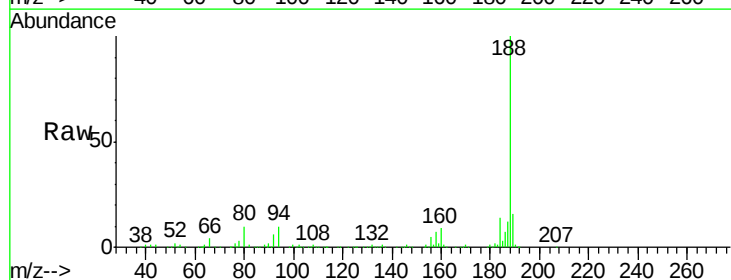
Ion 89.00 (88.70 to 89.70): BGC

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: BG037899.D
 Acq: 8 Nov 2018 23:47

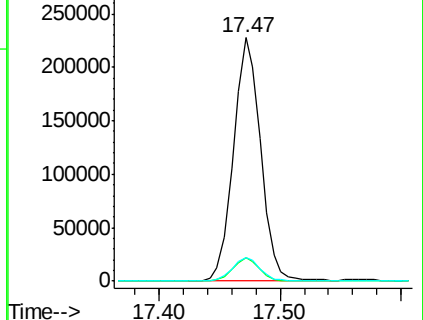
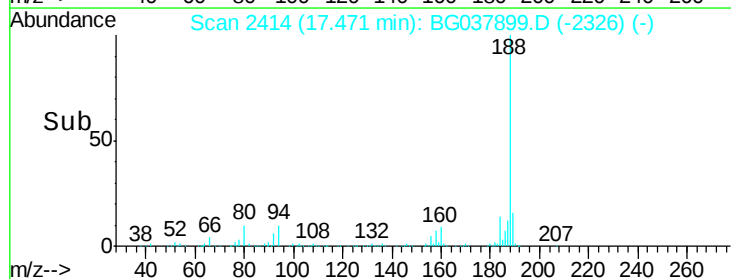
Tgt Ion:	188	Resp:	357300
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	9.9	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

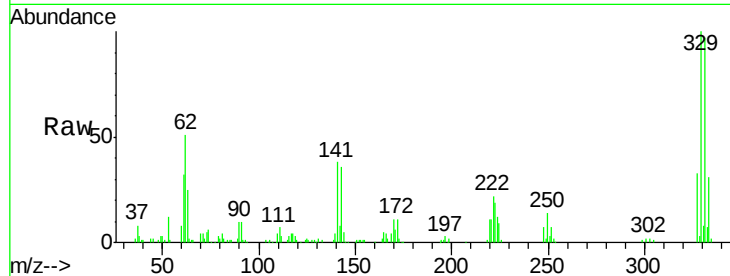
Ion 80.00 (79.70 to 80.70): BGC



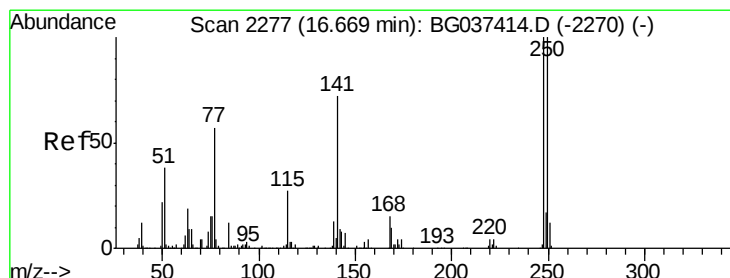
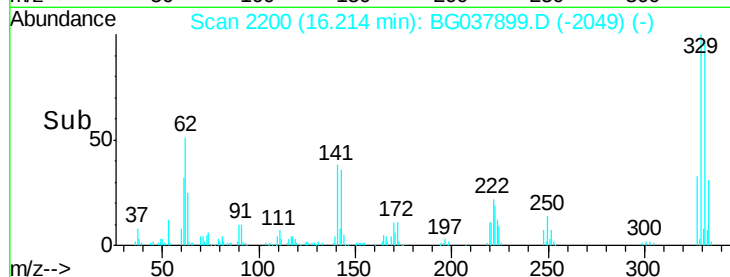
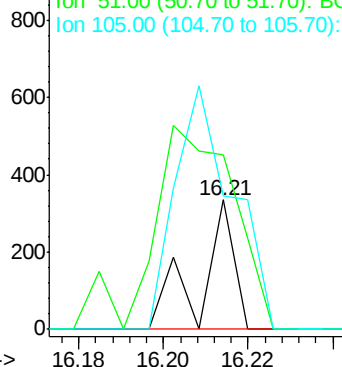


#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.588 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037899.D
 Acq: 8 Nov 2018 23:47

Tgt Ion: 198 Resp: 183
 Ion Ratio Lower Upper
 198 100
 51 25.4 22.7 62.7
 105 19.6 19.7 59.7#

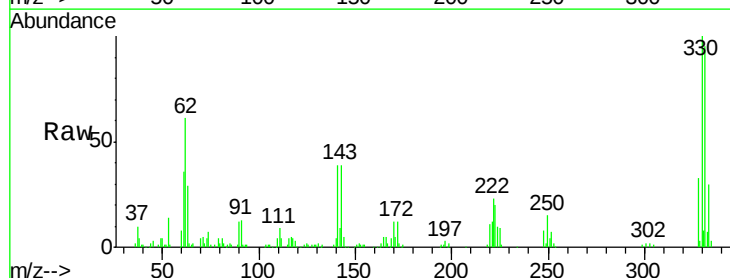


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

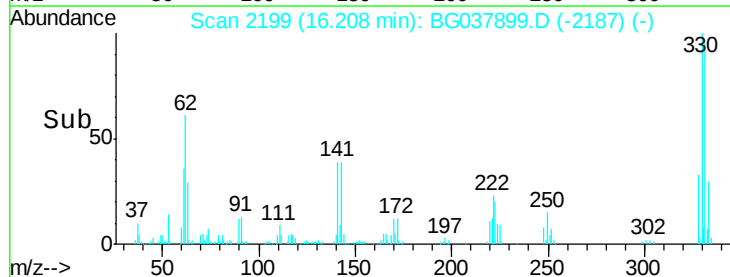
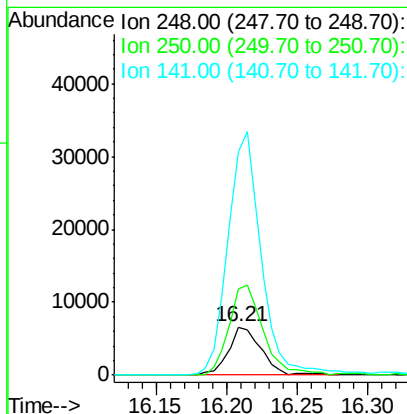


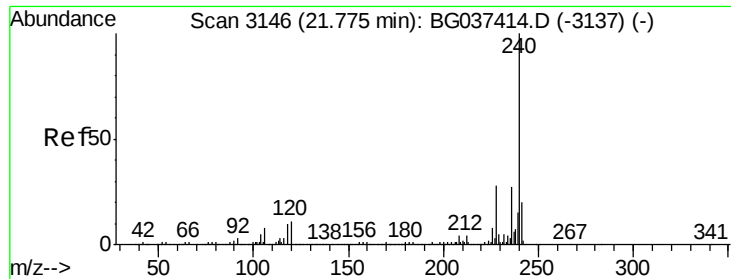
#67
 4-Bromophenyl-phenylether
 Concen: 2.719 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.46 min
 Lab File: BG037899.D
 Acq: 8 Nov 2018 23:47

Tgt Ion: 248 Resp: 10668
 Ion Ratio Lower Upper
 248 100
 250 181.5 77.0 115.6#
 141 368.3 55.5 83.3#



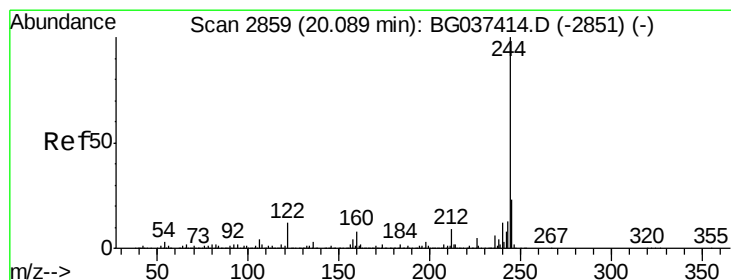
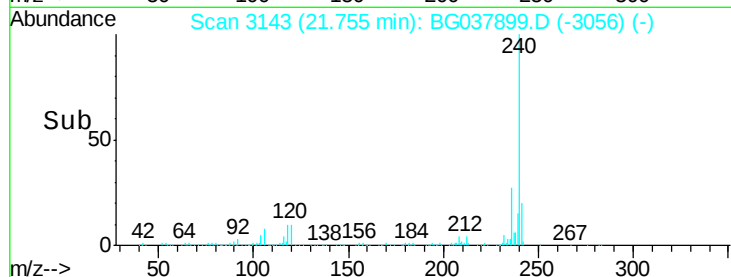
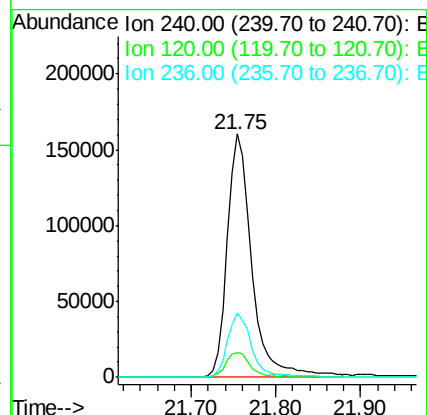
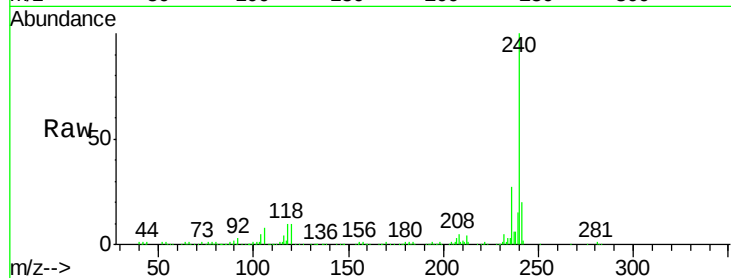
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





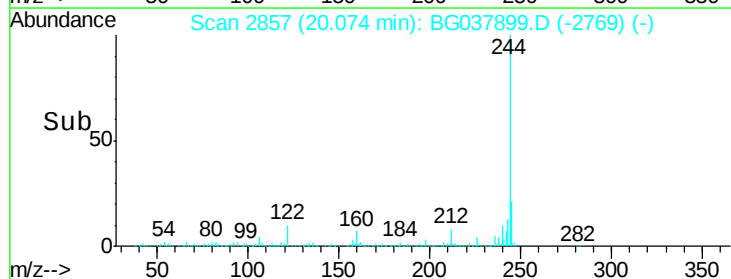
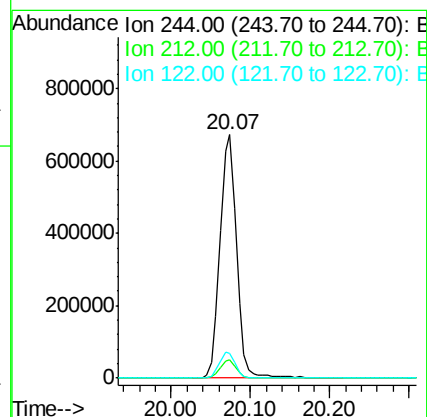
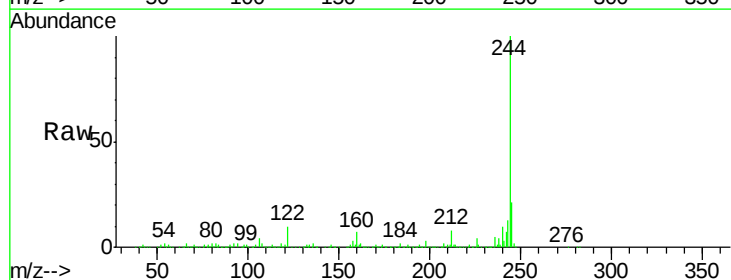
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037899.D
Acq: 8 Nov 2018 23:47

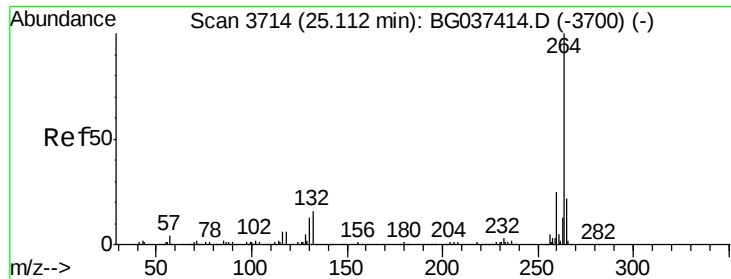
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	26.7	21.4	32.0



#79
Terphenyl-d14
Concen: 64.448 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037899.D
Acq: 8 Nov 2018 23:47

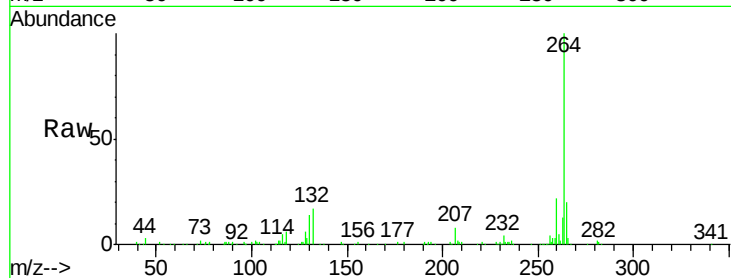
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	10.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037899.D
Acq: 8 Nov 2018 23:47

Tgt Ion:	264	Resp:	273049
Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	20.5	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

