

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037942.D
 Acq On : 12 Nov 2018 13:33
 Operator : JU/SJ
 Sample : J5860-25DL2 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 12 14:23:42 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	52611	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	223209	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	154229	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	336260	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	292598	20.00	ng	-0.02
87) Perylene-d12	25.09	264	231898	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	21538	6.84	ng	-0.01
7) Phenol-d6	7.23	99	33519	7.04	ng	-0.02
23) Nitrobenzene-d5	9.27	82	19270	4.84	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	6500	3.86	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	53116	5.19	ng	-0.03
79) Terphenyl-d14	20.07	244	73997	5.40	ng	-0.02

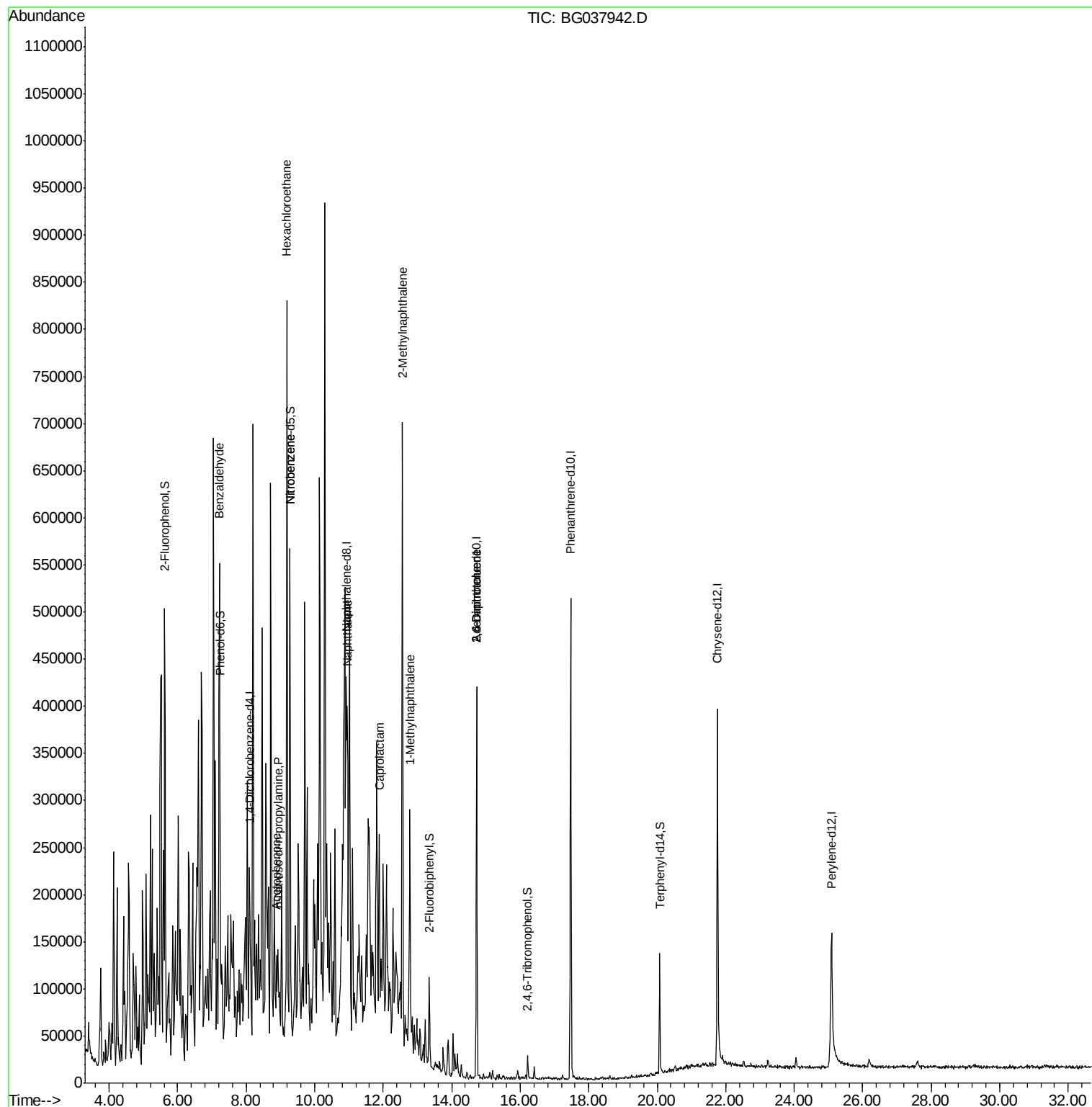
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.22	77	14141	4.751	ng	# 1
18) Hexachloroethane	9.19	117	116324	81.390	ng	# 1
19) n-Nitroso-di-n-propylamine	8.94	70	7803	2.381	ng	# 56
22) Acetophenone	8.88	105	73163	13.070	ng	# 53
24) Nitrobenzene	9.28	77	14725	3.557	ng	# 1
31) Naphthalene	10.96	128	70877	6.465	ng	# 87
35) Caprolactam	11.89	113	7027	4.726	ng	# 31
37) 2-Methylnaphthalene	12.56	142	329778	41.264	ng	99
38) 1-Methylnaphthalene	12.78	142	129833	16.728	ng	97
51) 2,6-Dinitrotoluene	14.72	165	20686	7.837	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	20686	5.970	ng	# 25

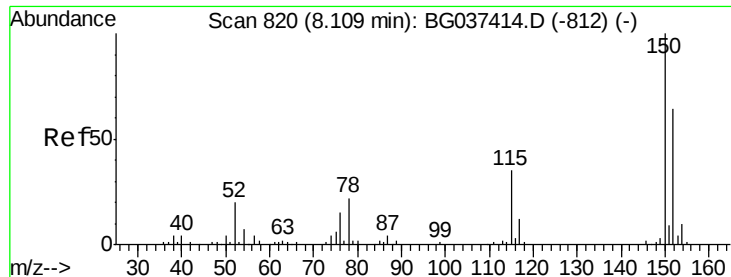
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
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QLast Update : Thu Oct 18 14:06:42 2018
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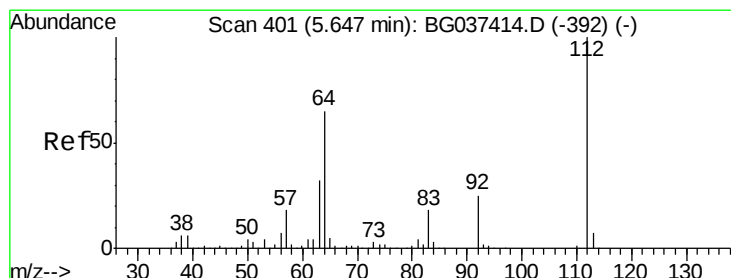
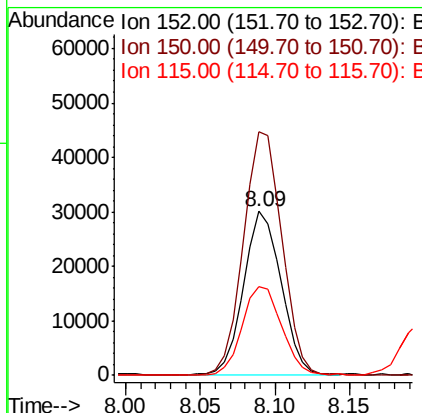
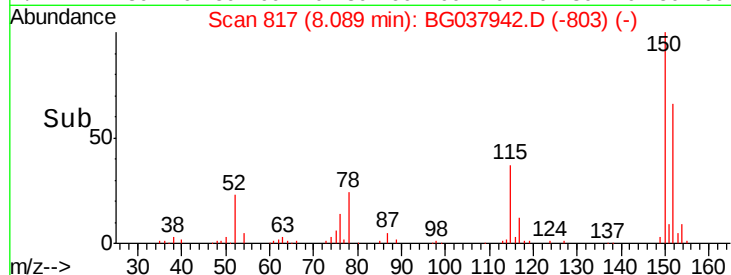
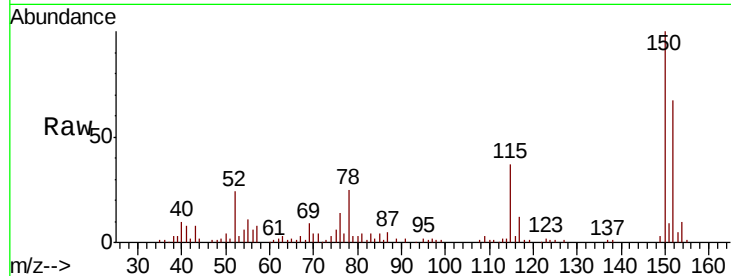


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Instrument :
BNA_G
ClientSampleId :

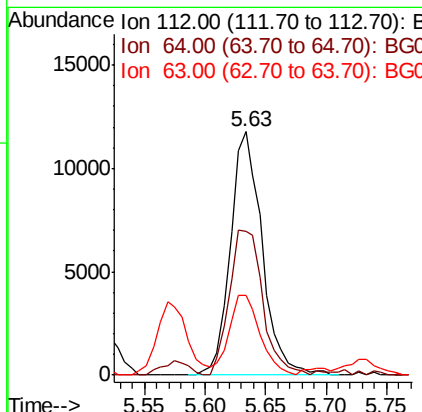
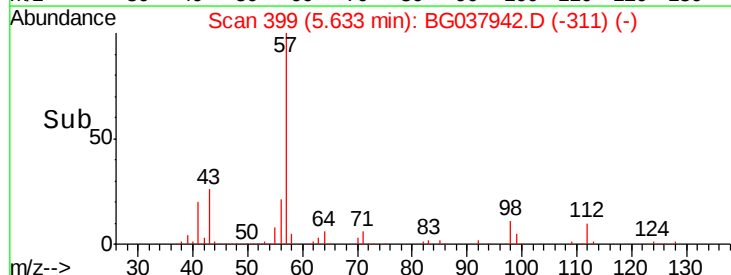
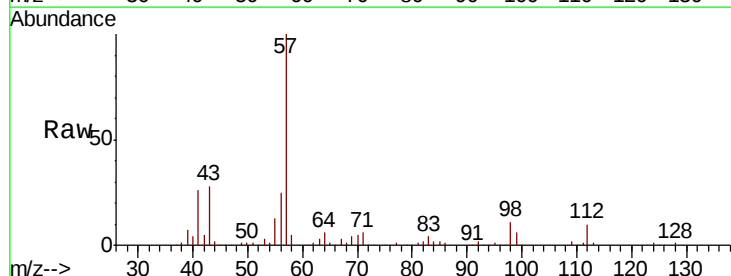
Tot Ion:152 Resp: 52611
Ion Ratio Lower Upper
152 100
150 148.7 126.0 189.0
115 54.4 45.5 68.3

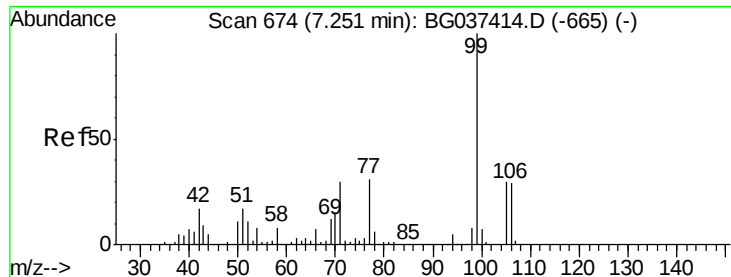


#5

2-Fluorophenol
Concen: 6.844 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Tgt Ion:112 Resp: 21538
Ion Ratio Lower Upper
112 100
64 59.0 53.1 79.7
63 32.9 27.3 40.9





#7

Phenol-d6

Concen: 7.044 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037942.D

Acq: 12 Nov 2018 13:33

Instrument :

BNA_G

ClientSampled :

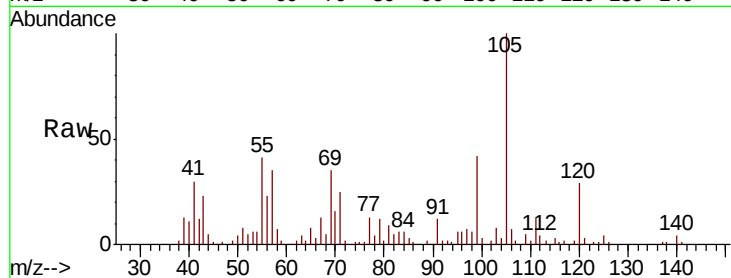
Tot Ion: 99 Resp: 33519

Ion Ratio Lower Upper

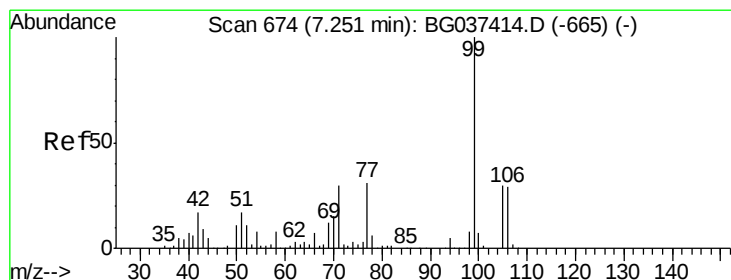
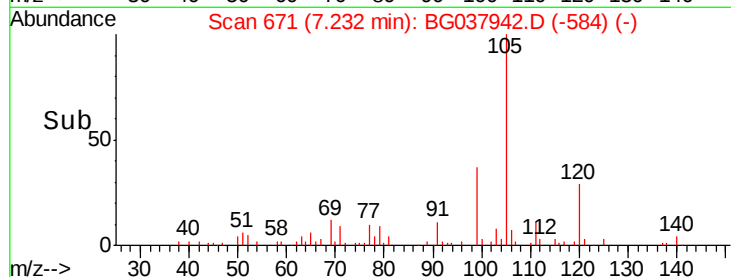
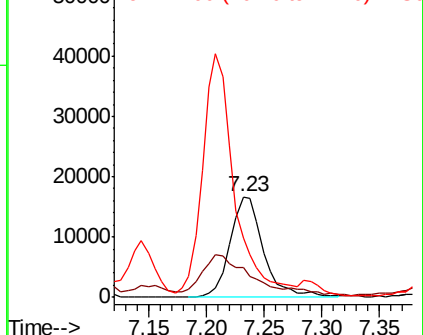
99 100

42 29.1 15.0 22.4#

71 58.8 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



#9

Benzaldehyde

Concen: 4.751 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.03 min

Lab File: BG037942.D

Acq: 12 Nov 2018 13:33

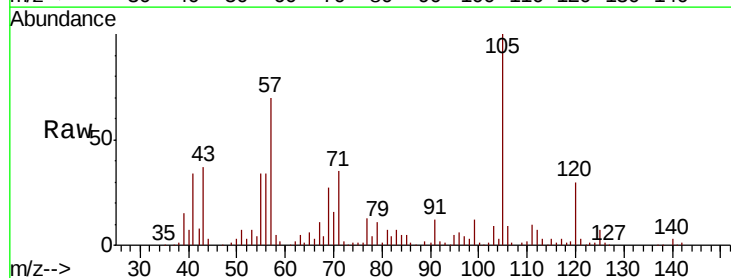
Tgt Ion: 77 Resp: 14141

Ion Ratio Lower Upper

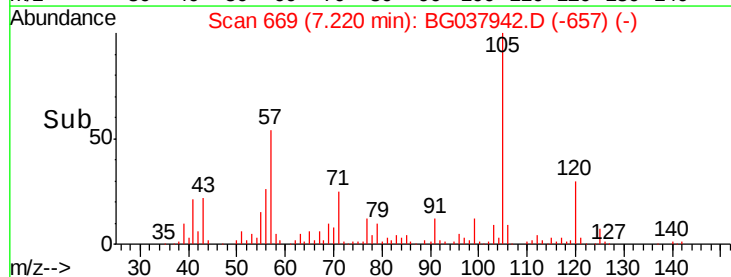
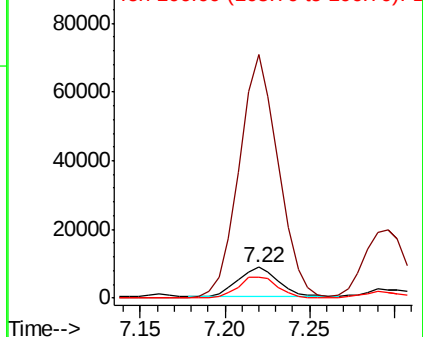
77 100

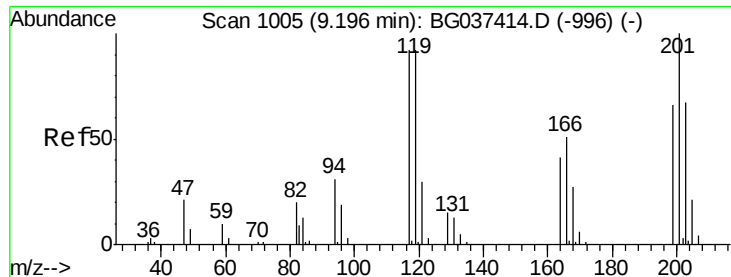
105 784.5 72.6 112.6#

106 68.7 71.3 111.3#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

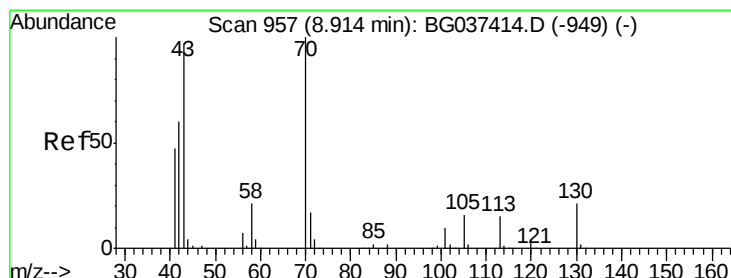
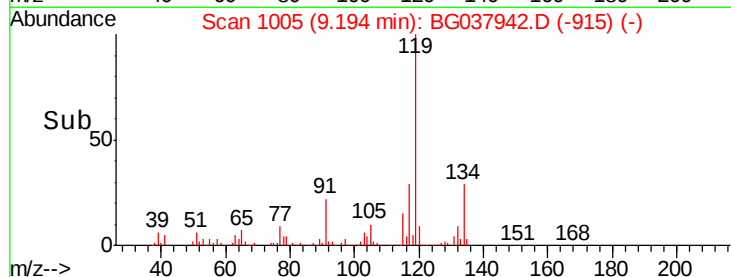
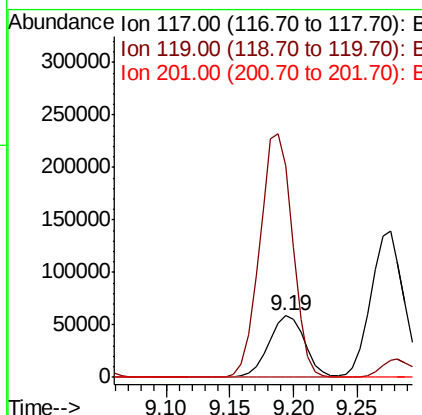
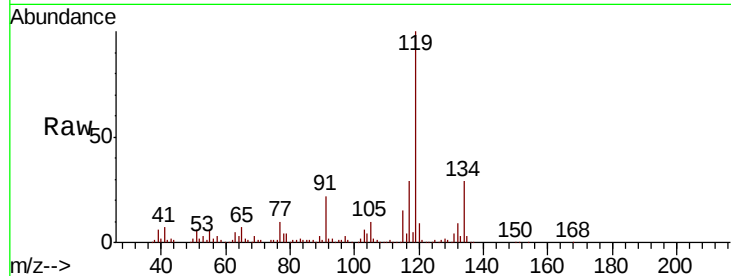




#18
Hexachloroethane
Concen: 81.390 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

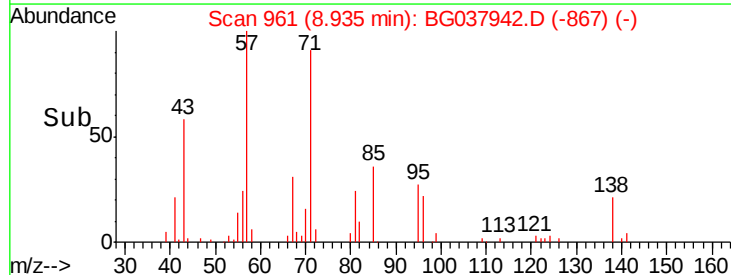
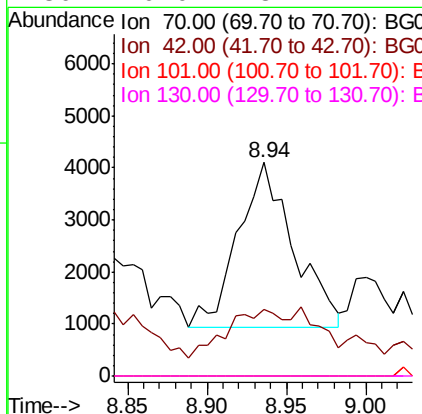
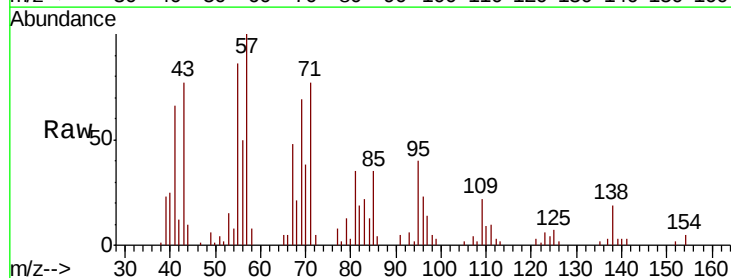
Instrument :
BNA_G
ClientSampleId :

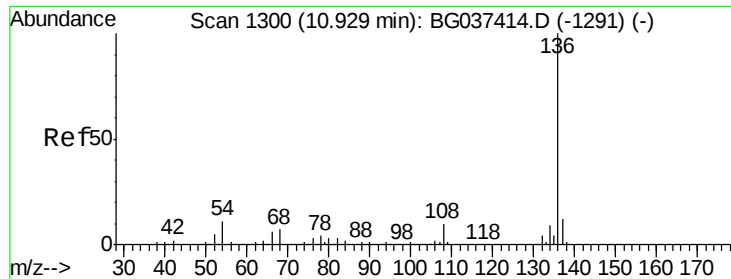
Tot Ion:117 Resp: 116324
Ion Ratio Lower Upper
117 100
119 343.9 74.6 111.8#
201 0.0 80.8 121.2#



#19
n-Nitroso-di-n-propylamine
Concen: 2.381 ng
RT: 8.94 min Scan# 961
Delta R.T. 0.02 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Tgt Ion: 70 Resp: 7803
Ion Ratio Lower Upper
70 100
42 31.2 53.9 80.9#
101 0.0 8.2 12.2#
130 0.0 18.2 27.4#

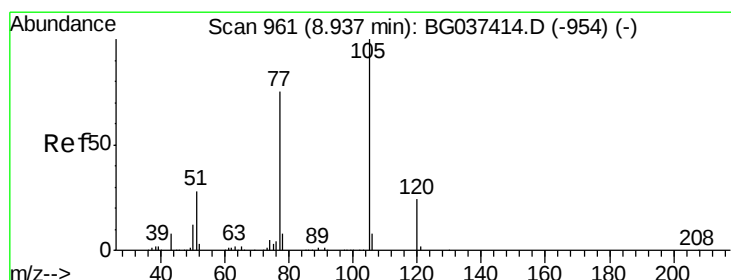
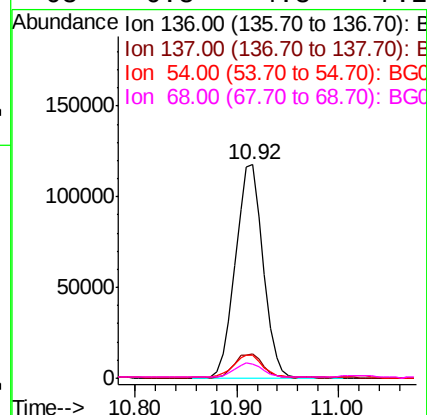
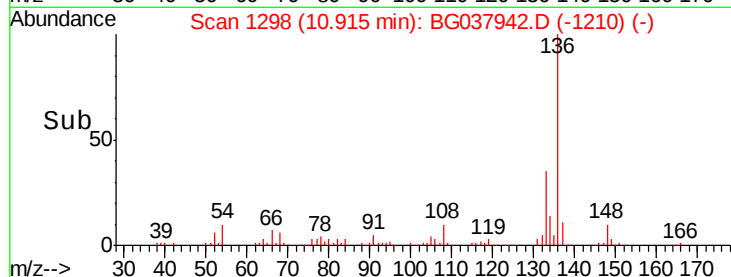
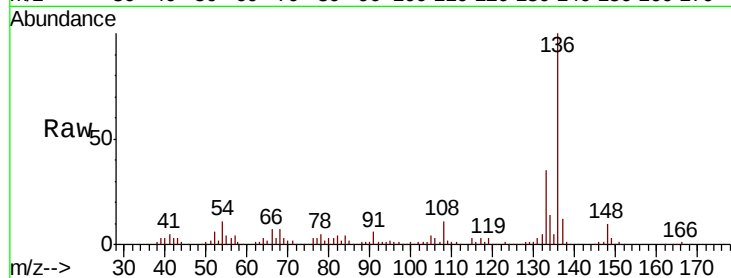




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

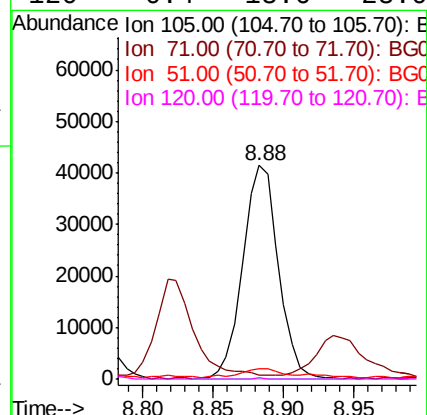
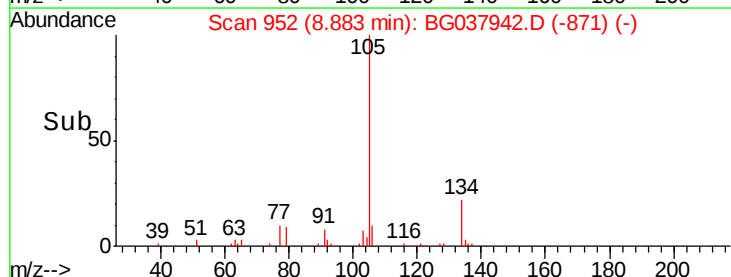
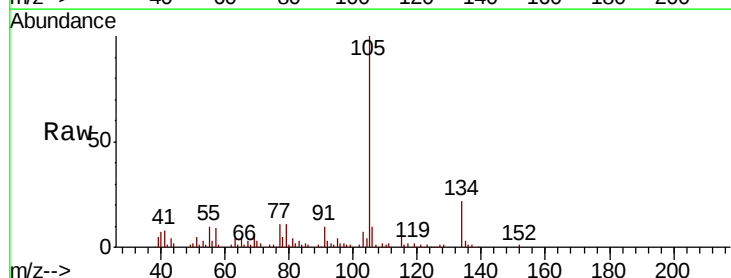
Instrument :
BNA_G
ClientSampleId :

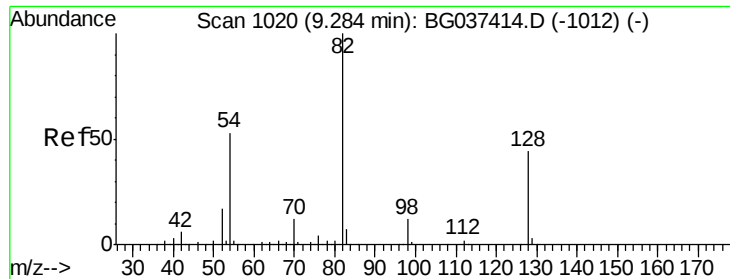
Tot Ion:136	Resp:	223209
Ion Ratio	Lower	Upper
136 100		
137 11.6	9.6	14.4
54 10.6	7.9	11.9
68 6.8	4.8	7.2



#22
Acetophenone
Concen: 13.070 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.05 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Tgt	Ion:105	Resp:	73163
Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.2	1.8
51	4.5	25.0	37.6#
120	0.4	18.6	28.0#

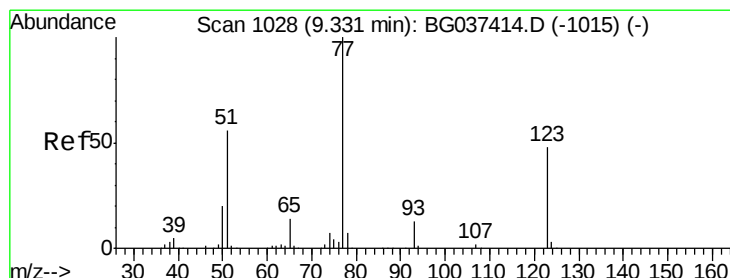
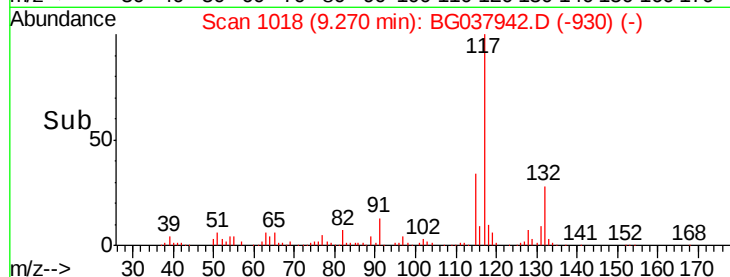
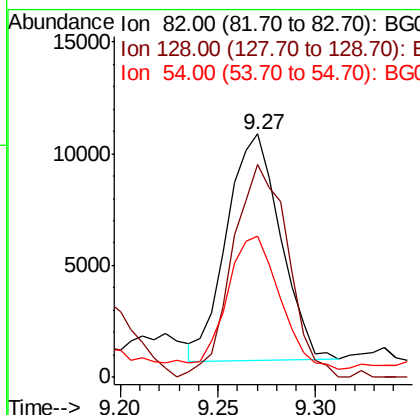
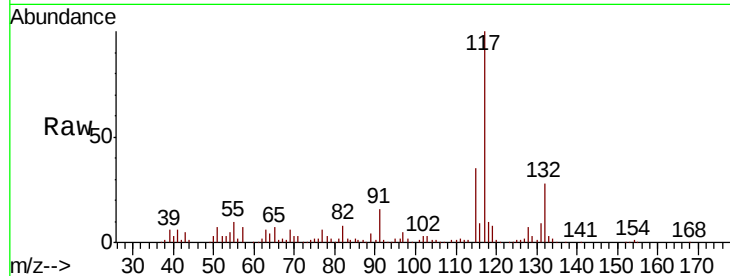




#23
 Nitrobenzene-d5
 Concen: 4.836 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037942.D
 Acq: 12 Nov 2018 13:33

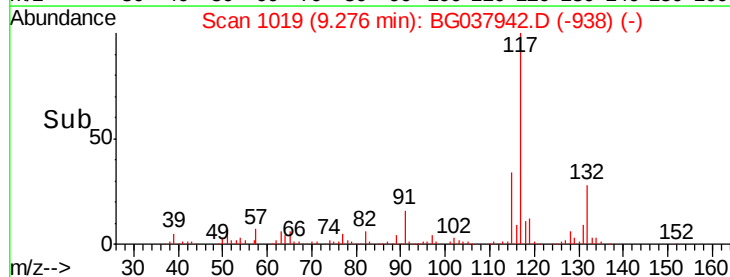
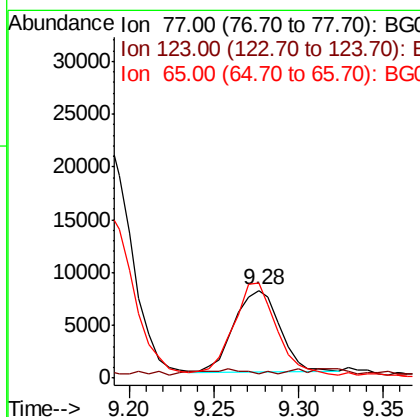
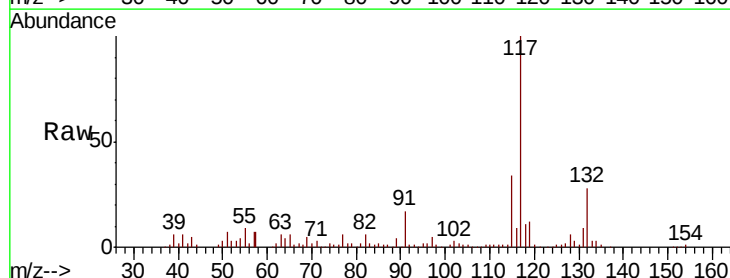
Instrument :
 BNA_G
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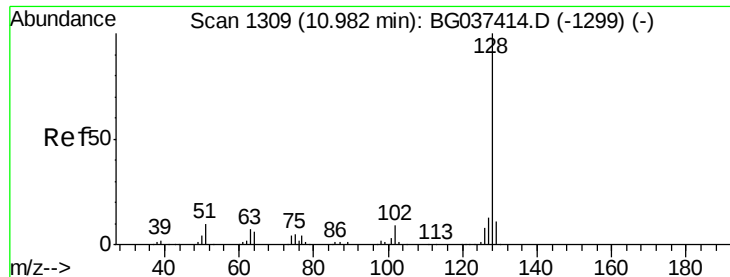
Tot Ion	Ratio	Lower	Upper
82	100		
128	87.7	34.6	51.8#
54	57.8	45.3	67.9



#24
 Nitrobenzene
 Concen: 3.557 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.05 min
 Lab File: BG037942.D
 Acq: 12 Nov 2018 13:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	5.2	33.6	50.4#
65	107.4	11.3	16.9#

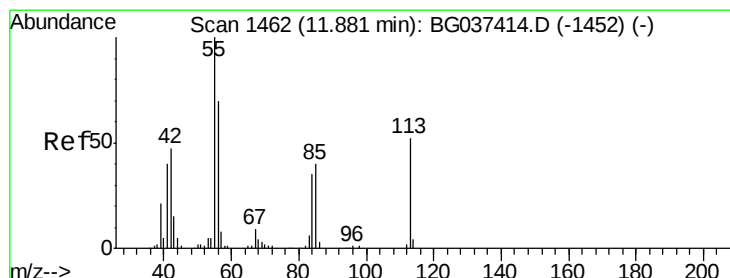
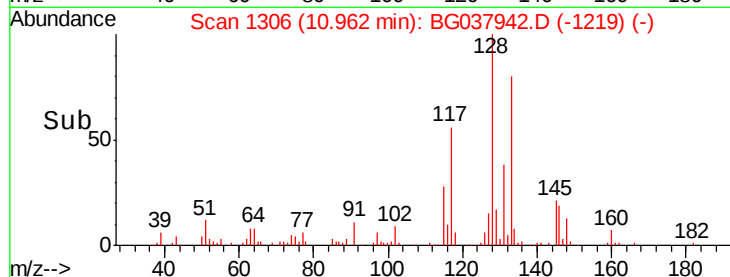
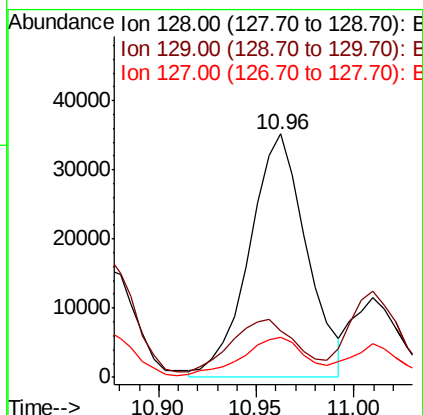
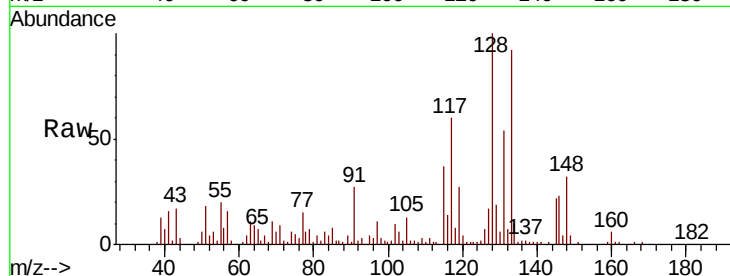




#31
Naphthalene
Concen: 6.465 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

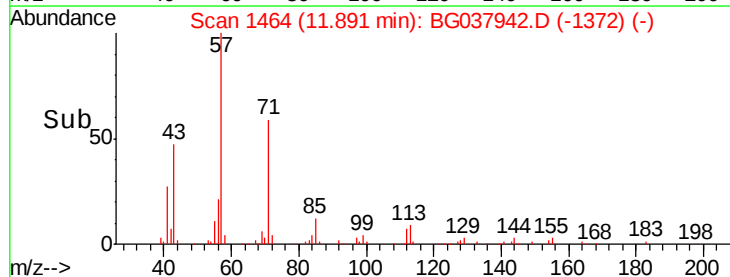
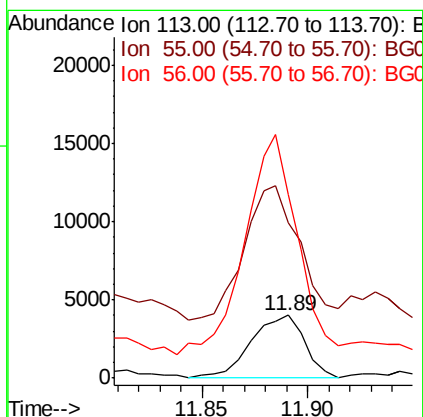
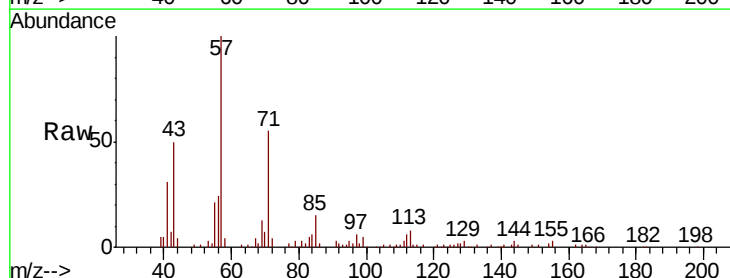
Instrument :
BNA_G
ClientSampled :

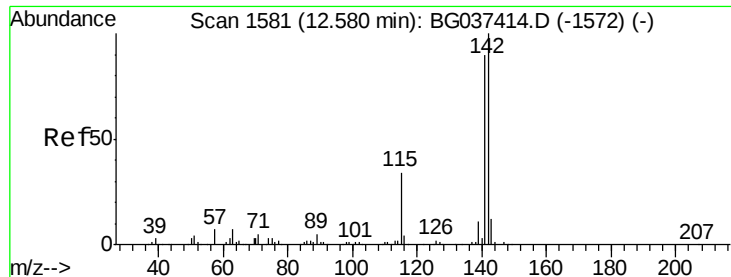
Tot Ion:128 Resp: 70877
Ion Ratio Lower Upper
128 100
129 19.3 9.0 13.6#
127 16.5 11.1 16.7



#35
Caprolactam
Concen: 4.726 ng
RT: 11.89 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Tgt Ion:113 Resp: 7027
Ion Ratio Lower Upper
113 100
55 248.3 176.6 216.6#
56 293.3 128.3 168.3#

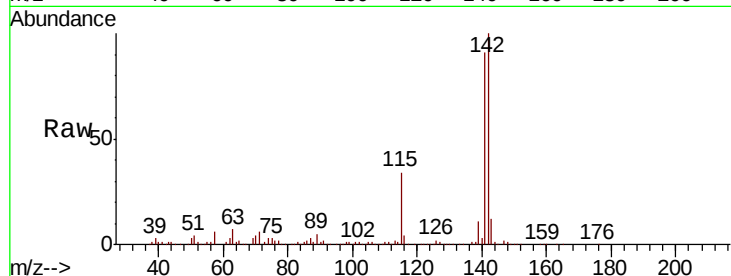




#37
2-Methylnaphthalene
Concen: 41.264 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
115	34.3	27.8	41.8

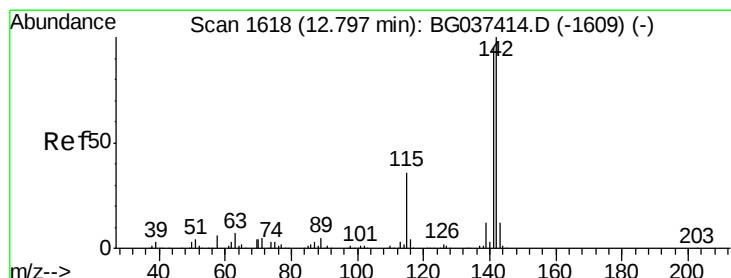
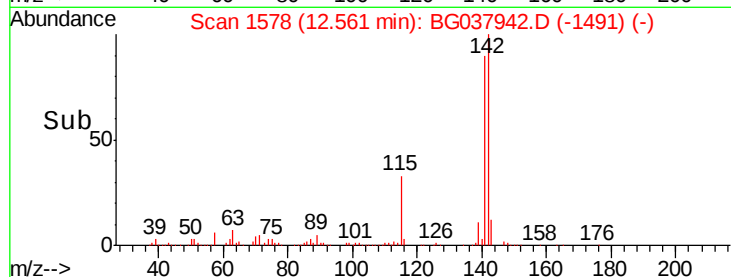
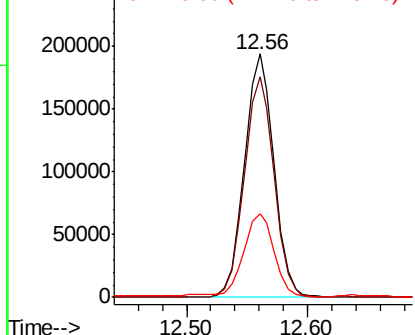


Abundance

Ion 142.00 (141.70 to 142.70): E

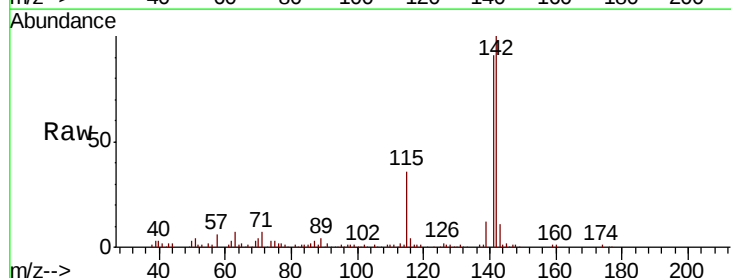
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 16.728 ng
RT: 12.78 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.2	112.8
116	4.4	3.3	4.9

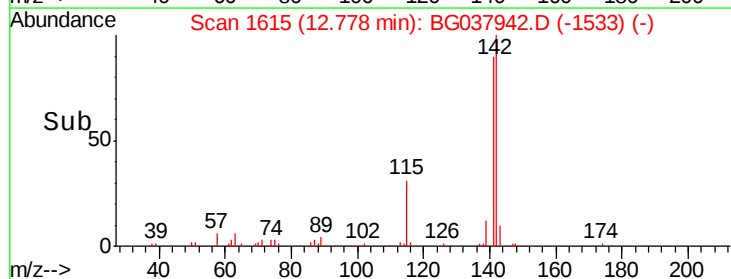
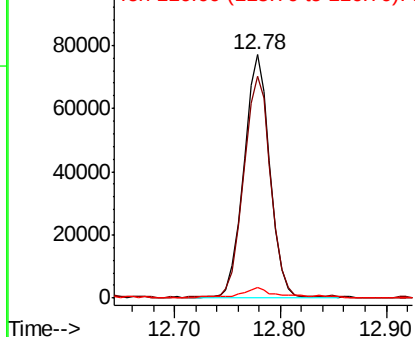


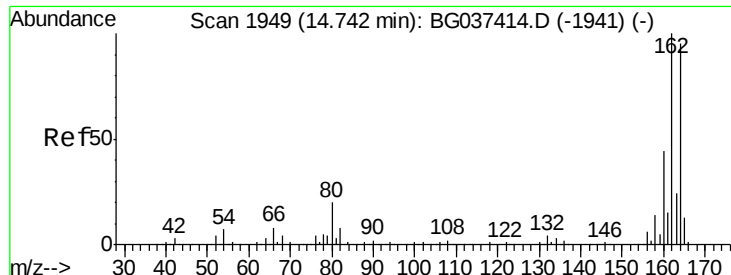
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037942.D

Acq: 12 Nov 2018 13:33

Instrument :

BNA_G

ClientSampleId :

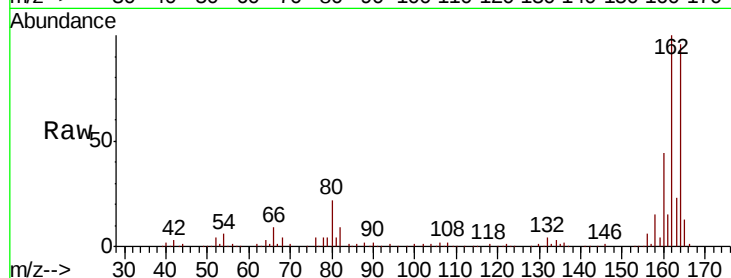
Tot Ion:164 Resp: 154229

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

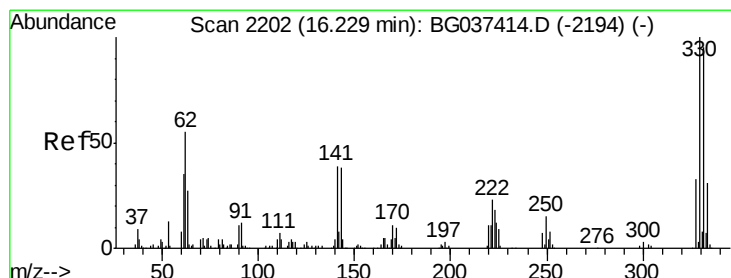
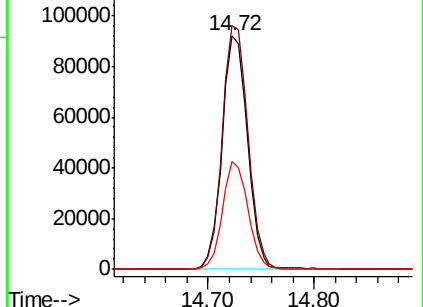
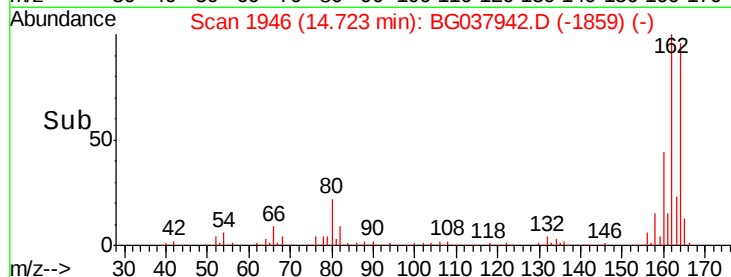
160 46.2 36.3 54.5



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: 3.864 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037942.D

Acq: 12 Nov 2018 13:33

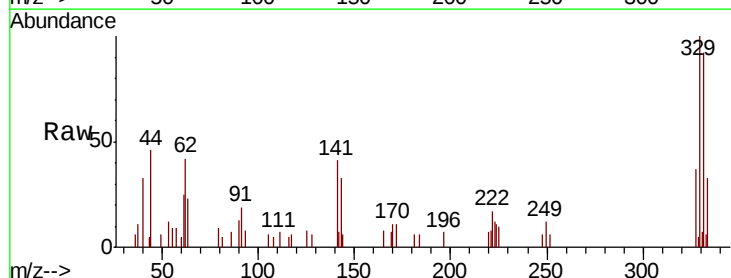
Tgt Ion:330 Resp: 6500

Ion Ratio Lower Upper

330 100

332 88.0 78.4 117.6

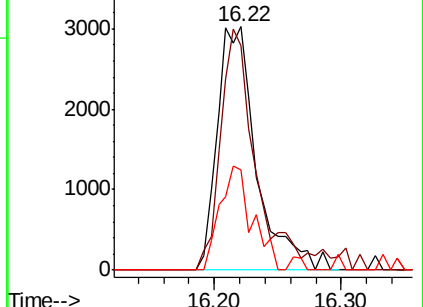
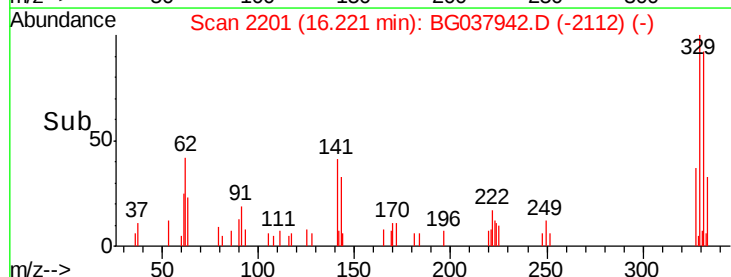
141 35.0 32.2 48.2

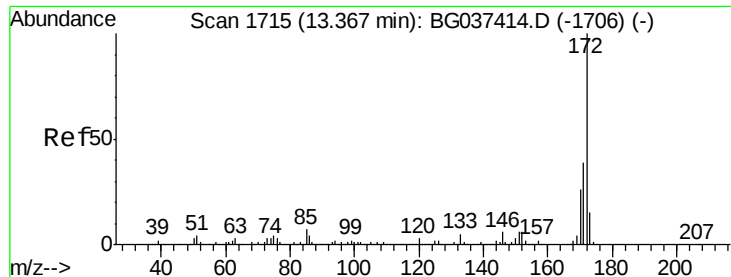


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

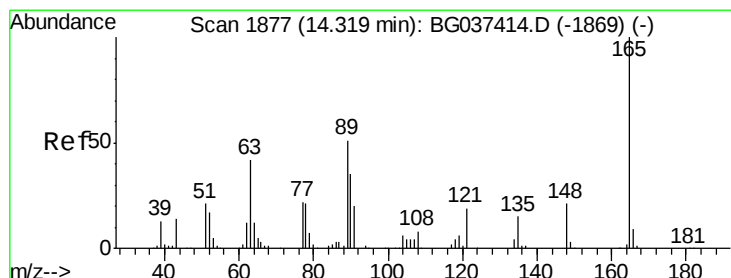
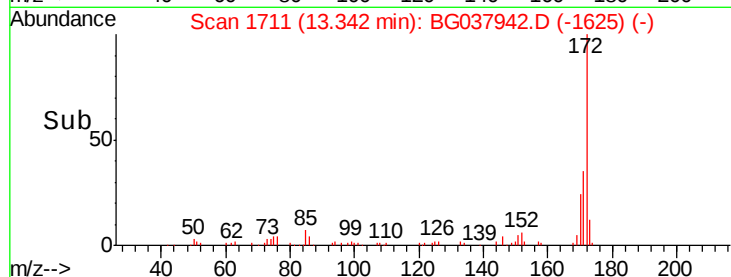
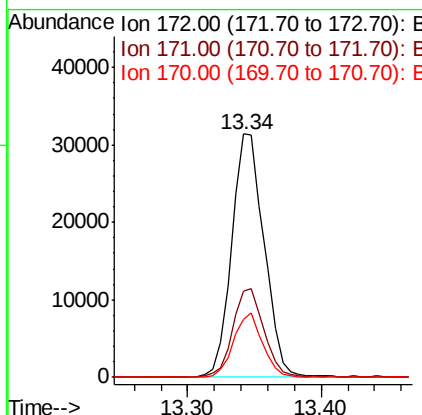
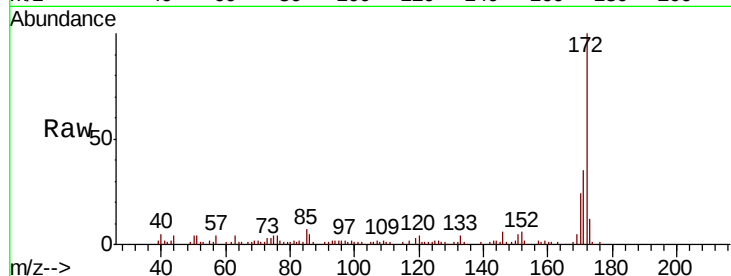




#45
 2-Fluorobiphenyl
 Concen: 5.193 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.03 min
 Lab File: BG037942.D
 Acq: 12 Nov 2018 13:33

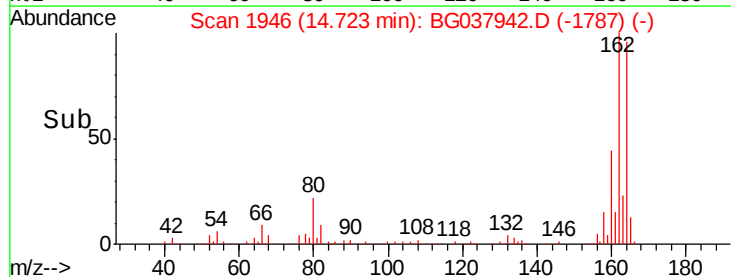
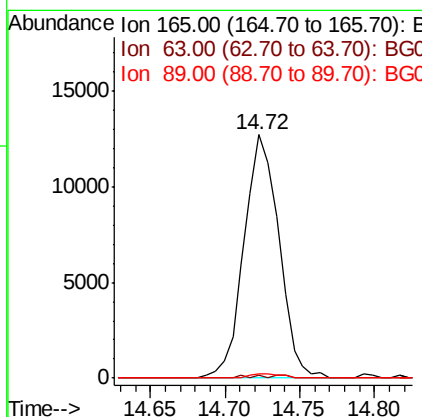
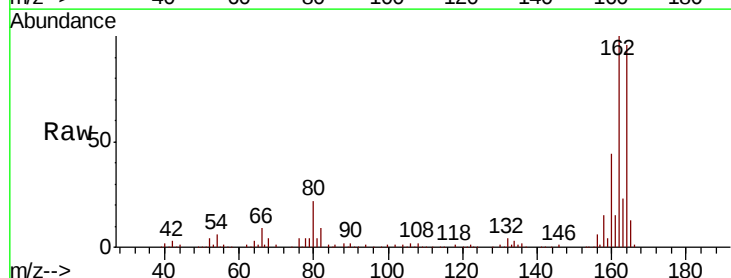
Instrument :
 BNA_G
 ClientSampleId :

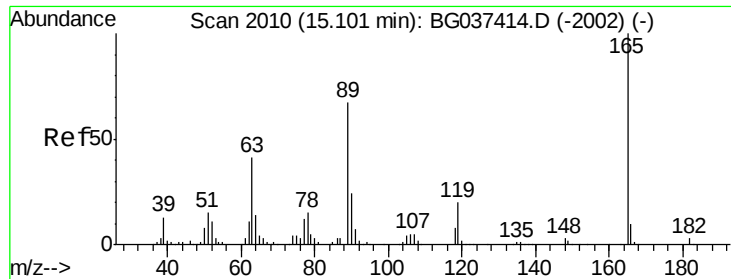
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	31.0	46.4
170	23.9	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.837 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG037942.D
 Acq: 12 Nov 2018 13:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.2#
89	1.5	45.8	68.6#

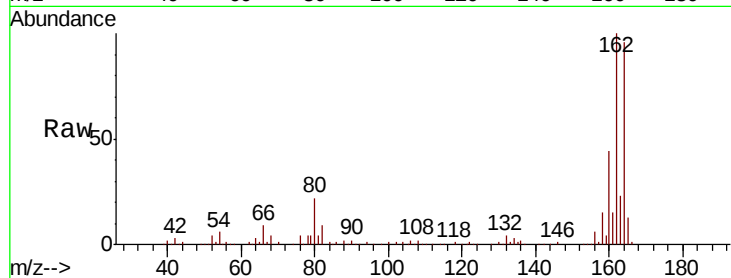




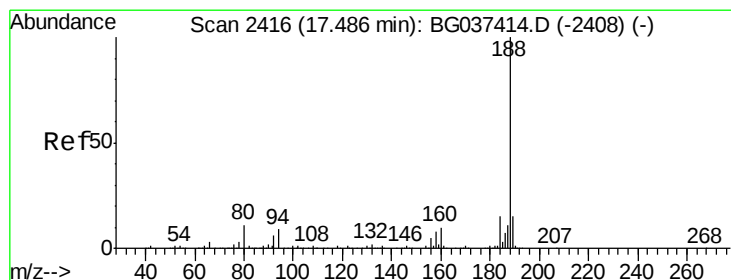
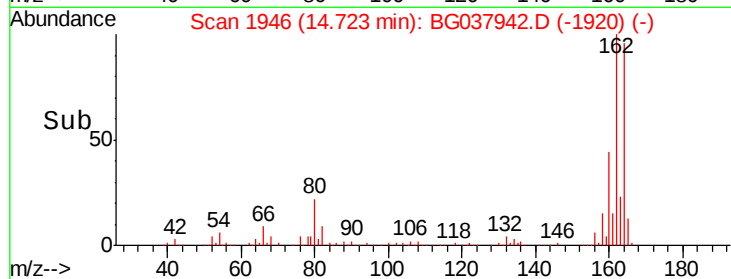
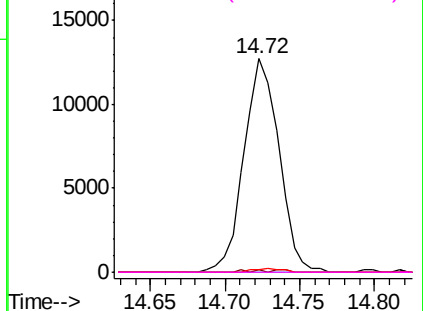
#57
 2,4-Dinitrotoluene
 Concen: 5.970 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037942.D
 Acq: 12 Nov 2018 13:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	20686
Ion Ratio	Lower	Upper
165	100	
63	1.3	33.4 50.0#
89	1.5	57.2 85.8#
182	0.0	2.6 4.0#

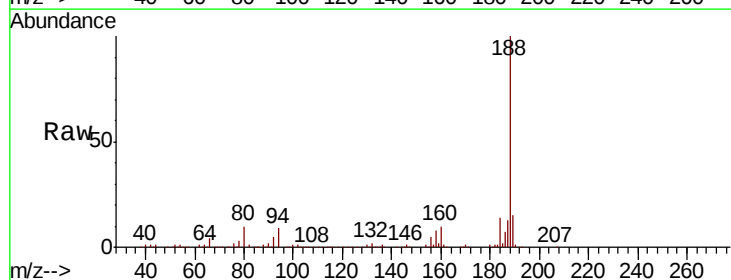


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

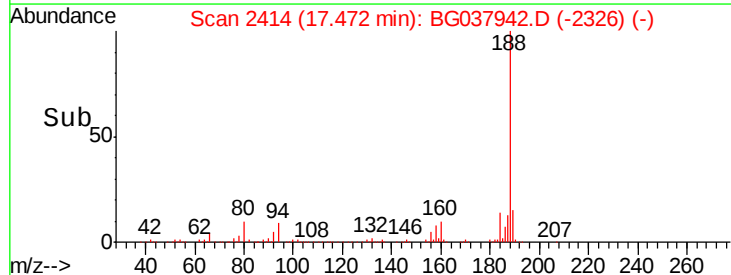
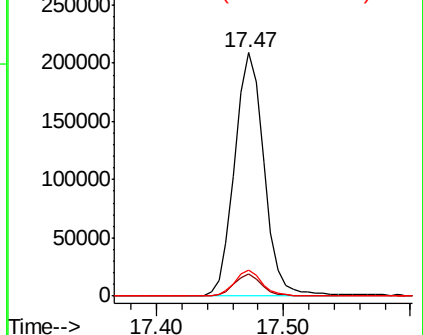


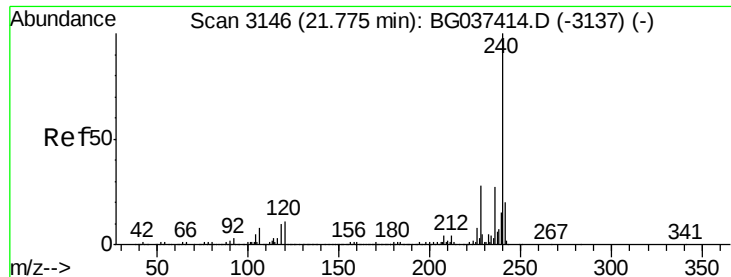
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037942.D
 Acq: 12 Nov 2018 13:33

Tgt Ion:188	Resp:	336260
Ion Ratio	Lower	Upper
188	100	
94	9.3	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

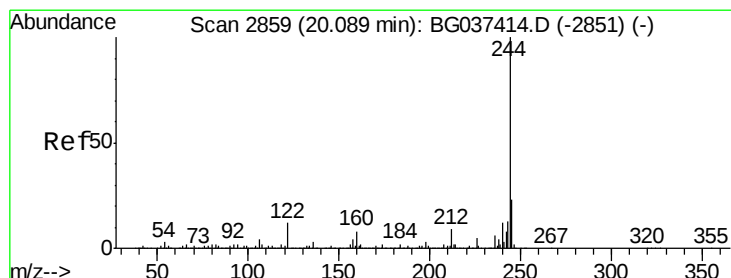
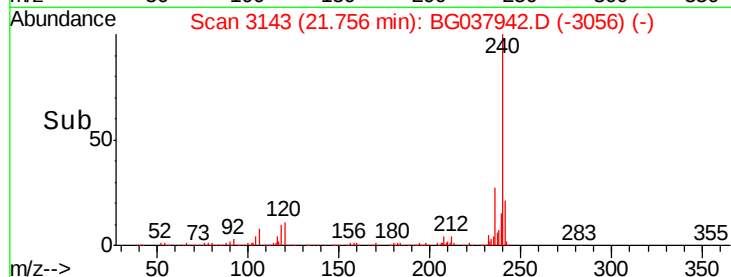
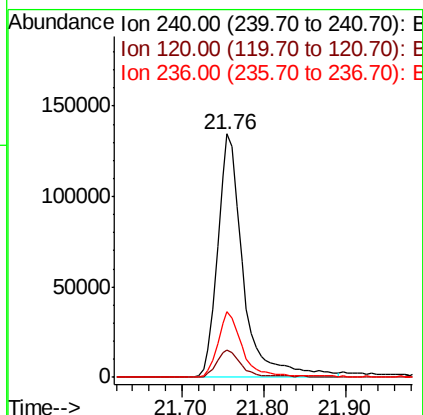
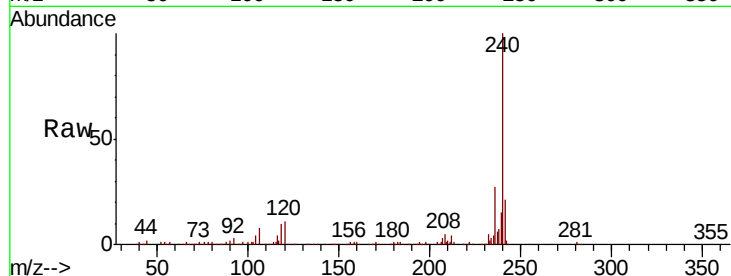




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037942.D
 Acq: 12 Nov 2018 13:33

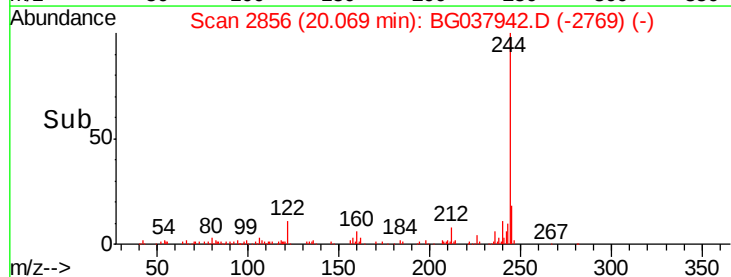
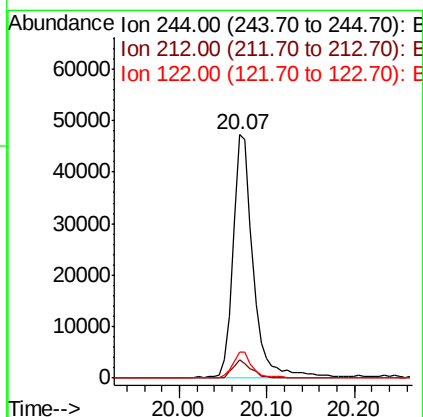
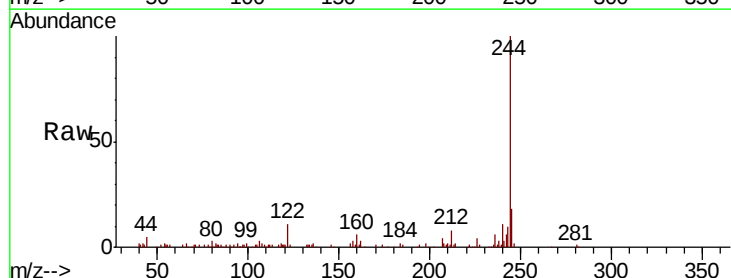
Instrument :
 BNA_G
 ClientSampleId :

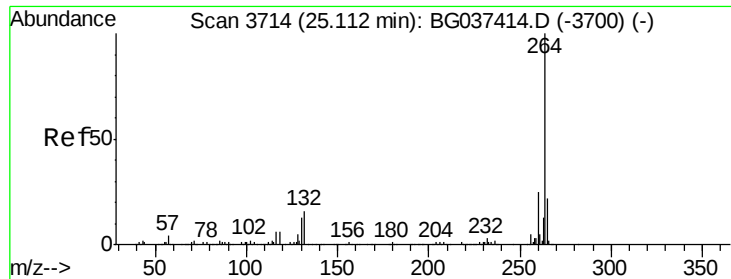
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	27.0	21.4	32.0



#79
 Terphenyl-d14
 Concen: 5.404 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BG037942.D
 Acq: 12 Nov 2018 13:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	10.7	9.0	13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3710
 Delta R.T. -0.03 min
 Lab File: BG037942.D
 Acq: 12 Nov 2018 13:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	21.7	17.9	26.9

