

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037602.D
 Acq On : 27 Oct 2018 4:56
 Operator : JU/SJ
 Sample : J5665-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 27 06:46:29 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

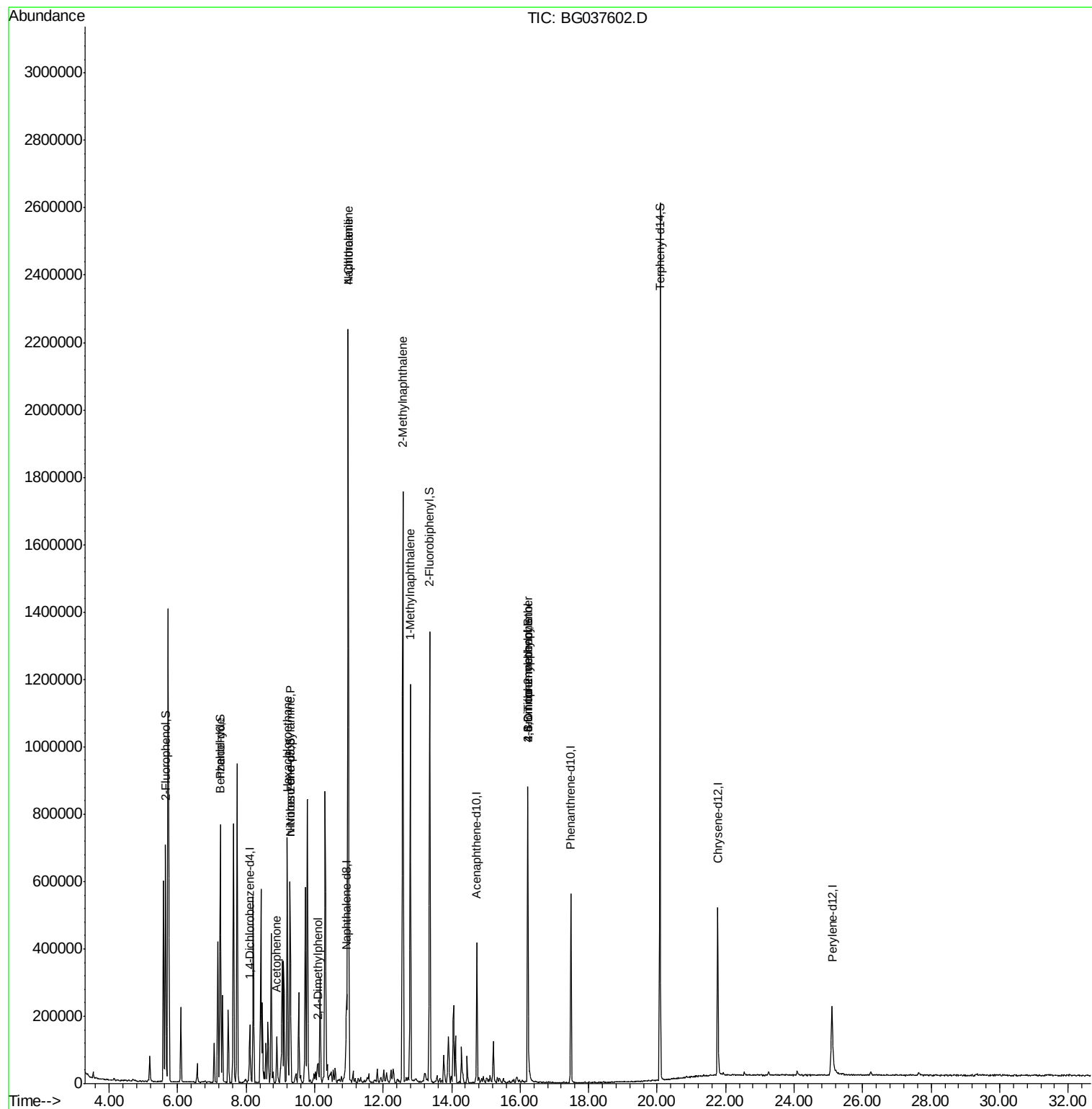
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	49359	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	211168	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	144903	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	355374	20.00	ng	0.00
76) Chrysene-d12	21.77	240	334694	20.00	ng	0.00
87) Perylene-d12	25.11	264	295767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	324716	109.99	ng	0.00
7) Phenol-d6	7.24	99	413102	92.53	ng	0.00
23) Nitrobenzene-d5	9.28	82	301600	80.01	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	165719	104.86	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	741973	77.21	ng	0.00
79) Terphenyl-d14	20.08	244	1242281	79.31	ng	0.00
Target Compounds						
9) Benzaldehyde	7.23	77	15861	5.680	ng	# 1
18) Hexachloroethane	9.20	117	60304	44.974	ng	# 1
19) n-Nitroso-di-n-propylamine	9.28	70	37856	12.314	ng	# 76
22) Acetophenone	8.90	105	115192	21.751	ng	# 53
27) 2,4-Dimethylphenol	10.08	122	19084	6.059	ng	100
31) Naphthalene	10.98	128	1919295	185.045	ng	95
33) 4-Chloroaniline	10.98	127	286651	58.820	ng	# 32
37) 2-Methylnaphthalene	12.57	142	888553	117.521	ng	99
38) 1-Methylnaphthalene	12.79	142	568012	77.358	ng	99
65) 4,6-Dinitro-2-methylphenol	16.23	198	485	8.721	ng	90
67) 4-Bromophenyl-phenylether	16.22	248	11667	2.990	ng	# 1

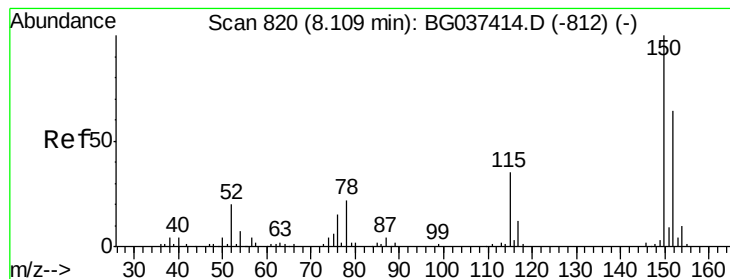
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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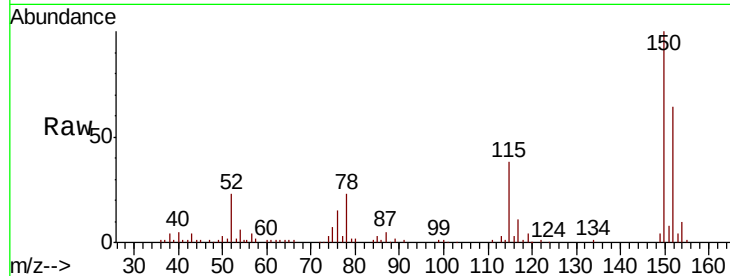


#1

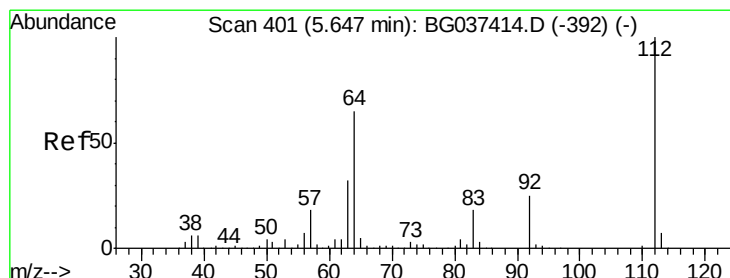
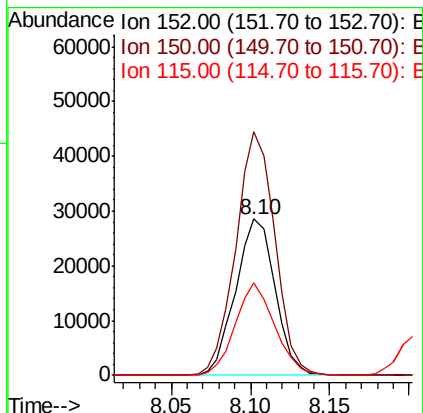
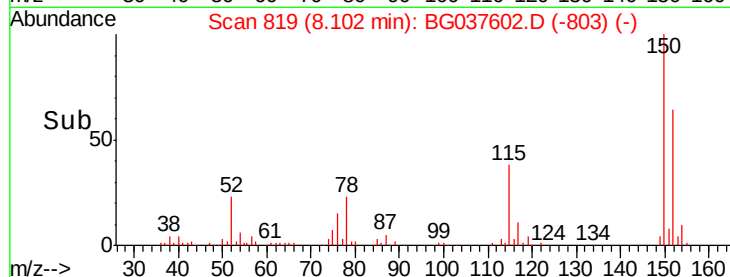
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037602.D
 Acq: 27 Oct 2018 4:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.0	189.0
115	59.0	45.5	68.3



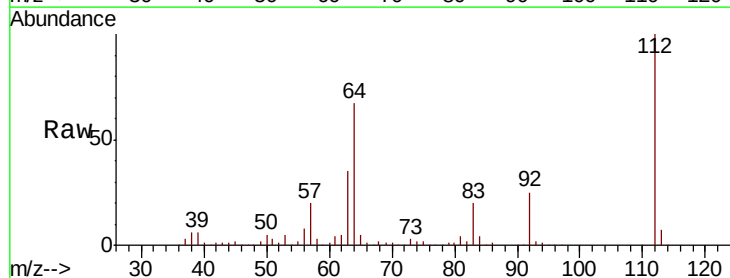
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



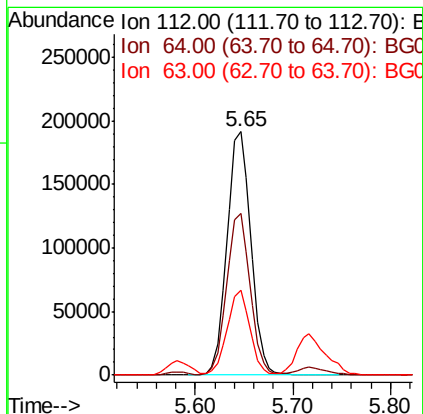
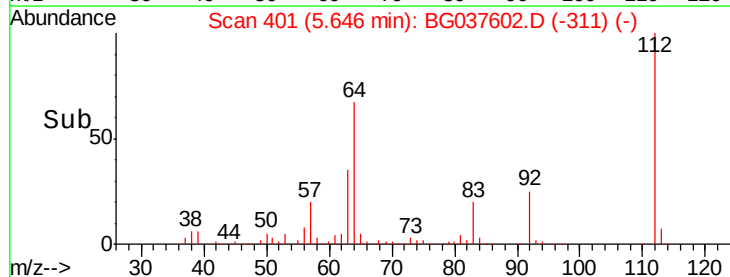
#5

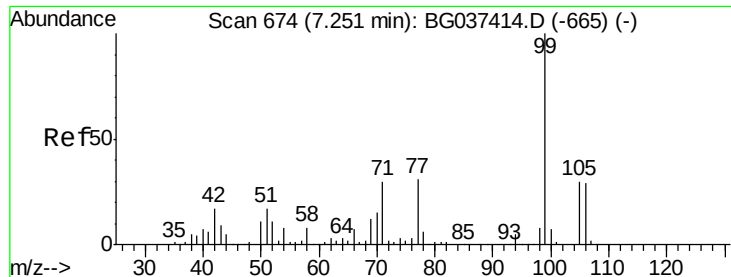
2-Fluorophenol
 Concen: 109.986 ng
 RT: 5.65 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037602.D
 Acq: 27 Oct 2018 4:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	34.7	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: 92.534 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037602.D

Acq: 27 Oct 2018 4:56

Instrument :

BNA_G

ClientSampleId :

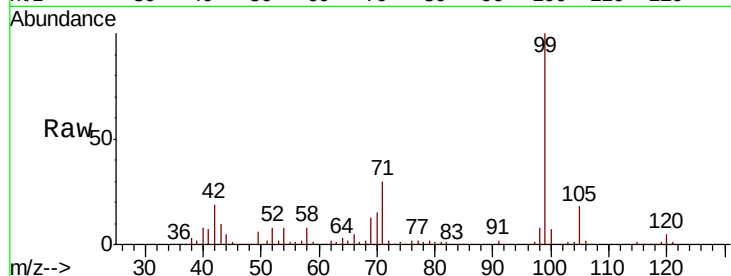
Tot Ion: 99 Resp: 413102

Ion Ratio Lower Upper

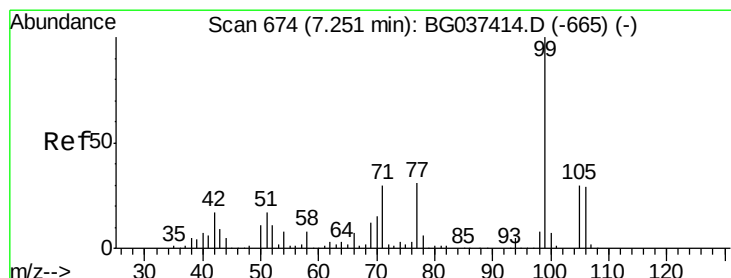
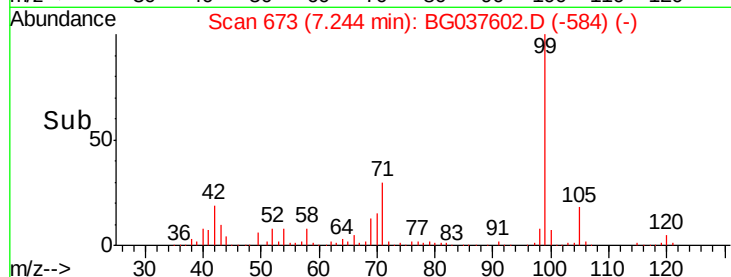
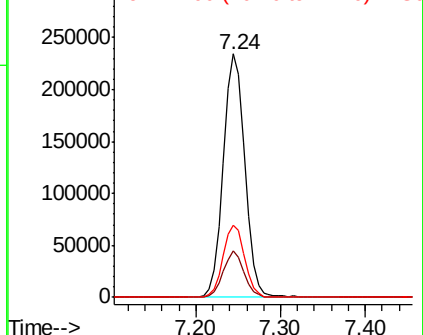
99 100

42 18.9 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



#9

Benzaldehyde

Concen: 5.680 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037602.D

Acq: 27 Oct 2018 4:56

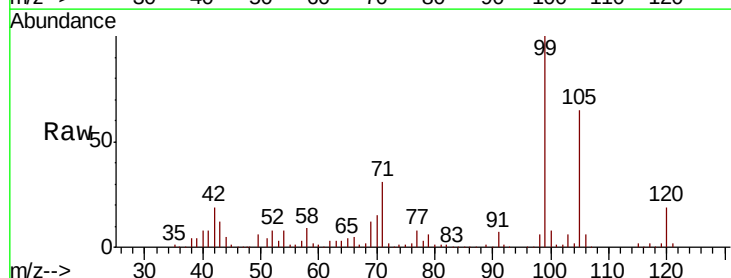
Tgt Ion: 77 Resp: 15861

Ion Ratio Lower Upper

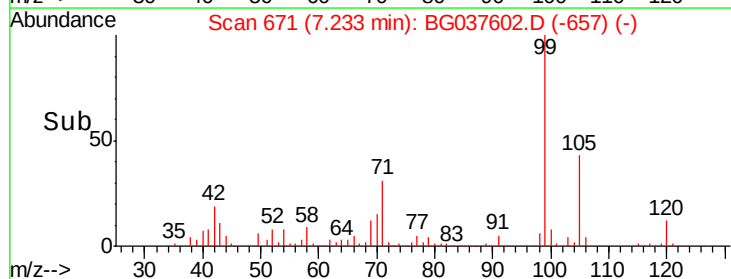
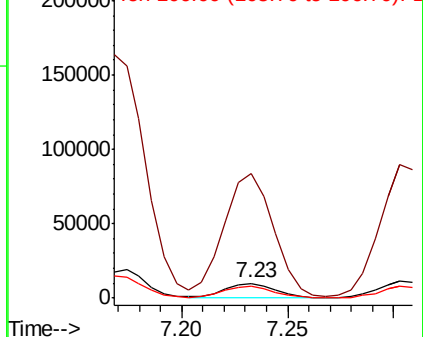
77 100

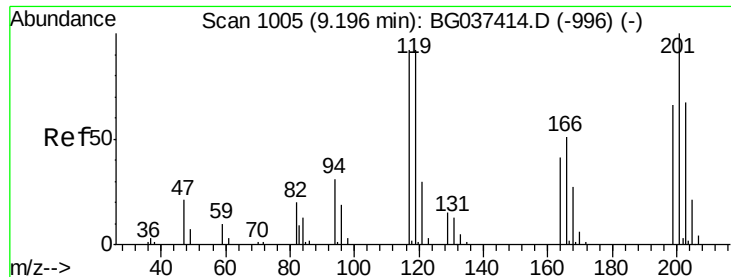
105 856.0 72.6 112.6#

106 83.8 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

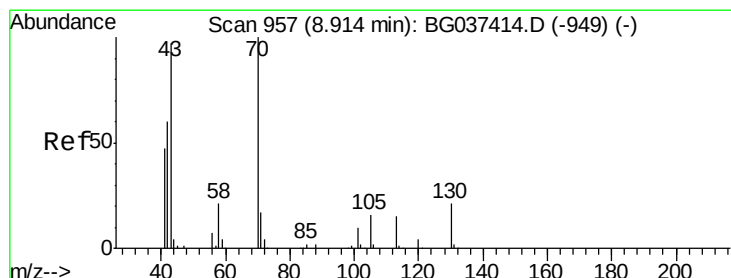
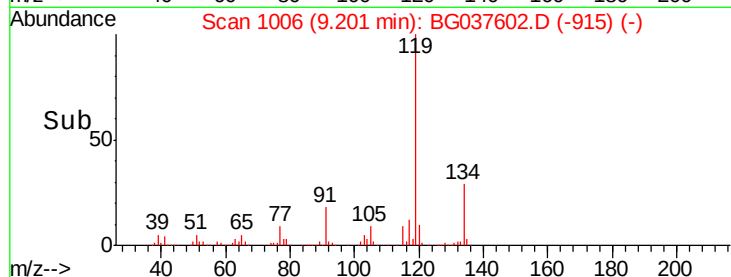
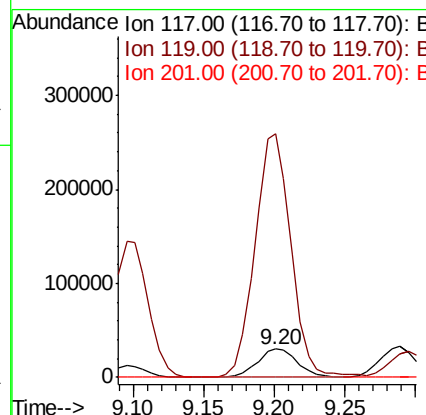
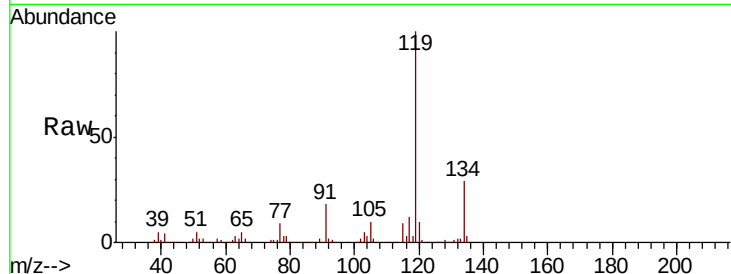




#18
Hexachloroethane
Concen: 44.974 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

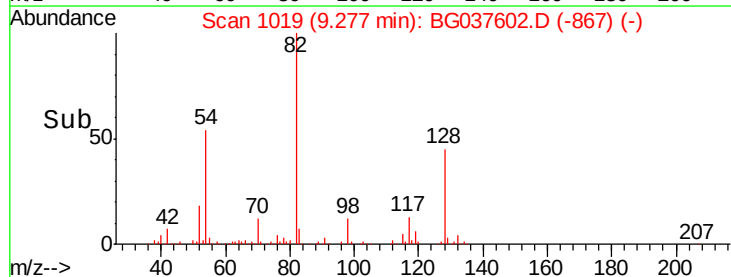
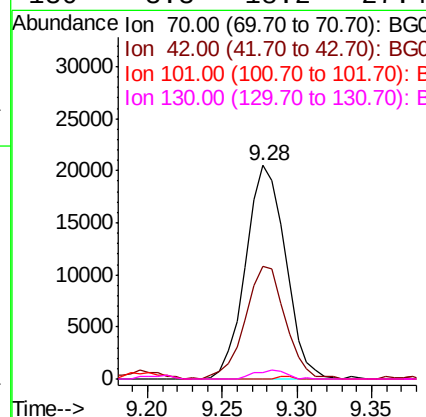
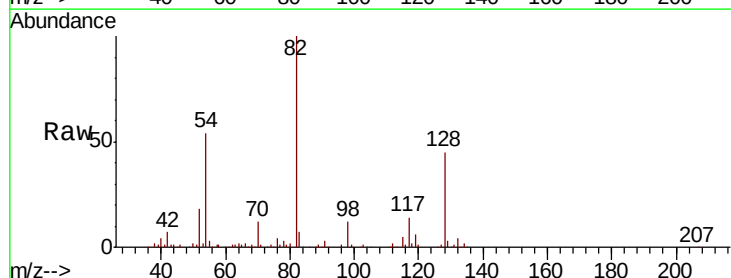
Instrument :
BNA_G
ClientSampleId :

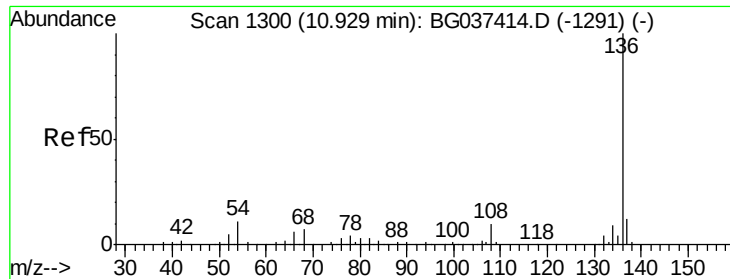
Tot Ion:117 Resp: 60304
Ion Ratio Lower Upper
117 100
119 854.2 74.6 111.8#
201 0.0 80.8 121.2#



#19
n-Nitroso-di-n-propylamine
Concen: 12.314 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Tgt Ion: 70 Resp: 37856
Ion Ratio Lower Upper
70 100
42 52.8 53.9 80.9#
101 0.0 8.2 12.2#
130 3.3 18.2 27.4#

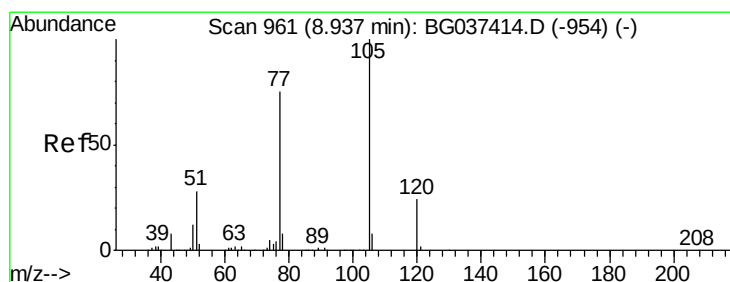
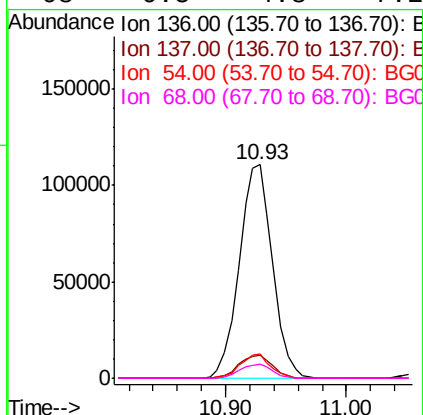
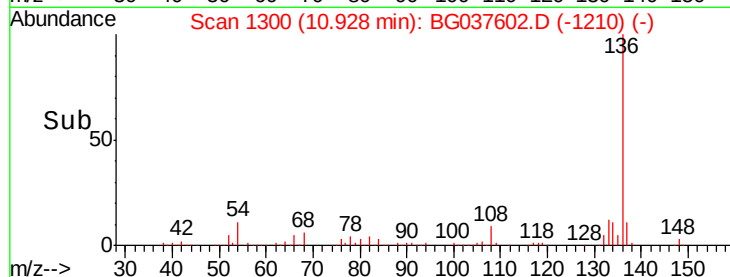
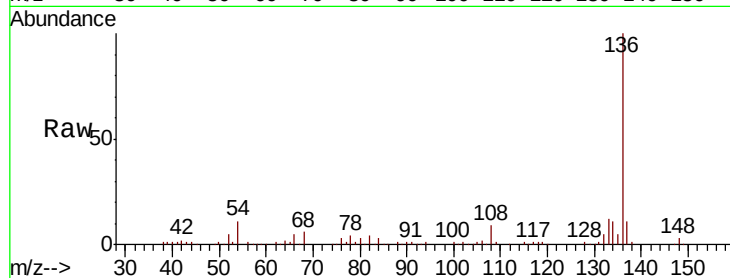




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

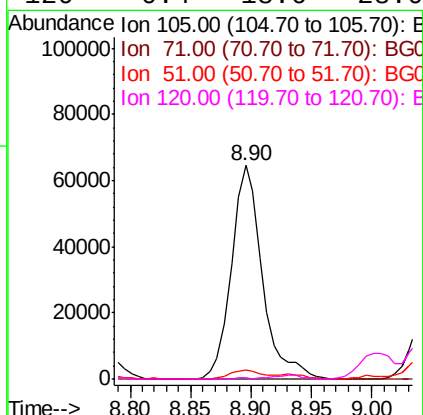
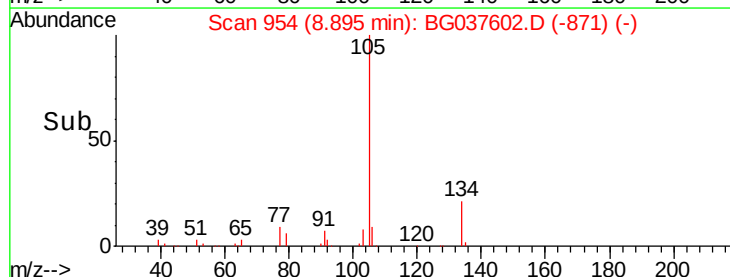
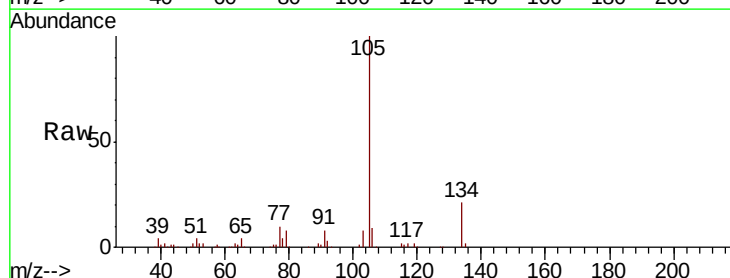
Instrument :
BNA_G
ClientSampleId :

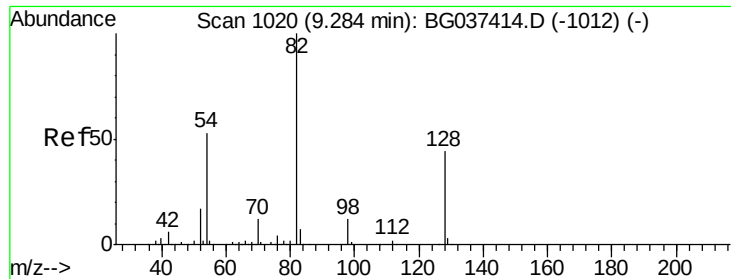
Tot Ion:136	Resp: 211168
Ion Ratio	Lower Upper
136 100	
137 10.7	9.6 14.4
54 11.2	7.9 11.9
68 6.5	4.8 7.2



#22
Acetophenone
Concen: 21.751 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.04 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Tgt	Ion:105	Resp:	115192
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	3.9	25.0	37.6#
120	0.4	18.6	28.0#

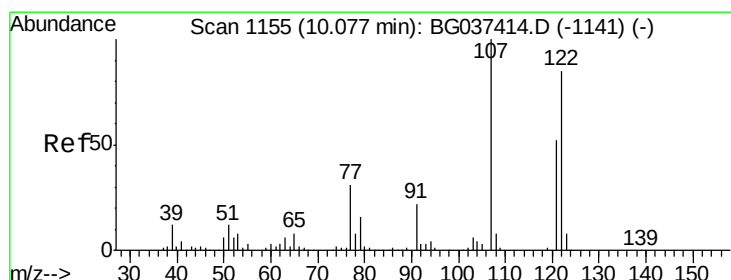
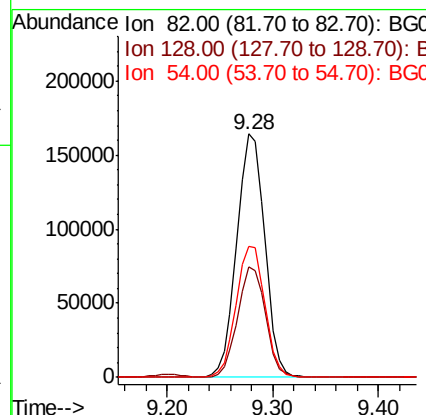
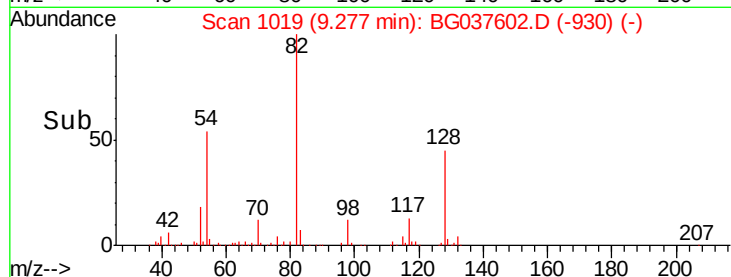
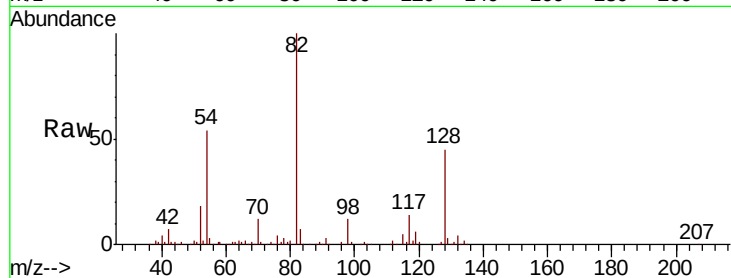




#23
Nitrobenzene-d5
Concen: 80.009 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

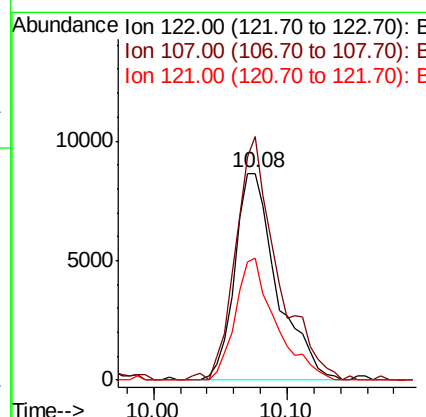
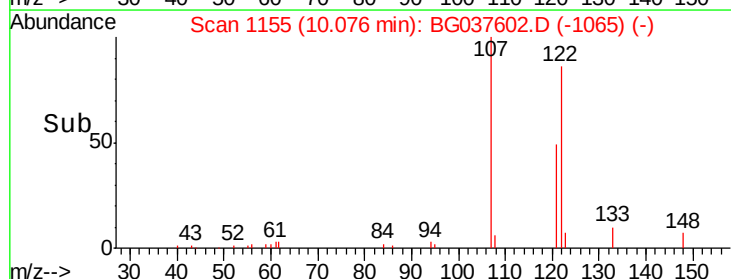
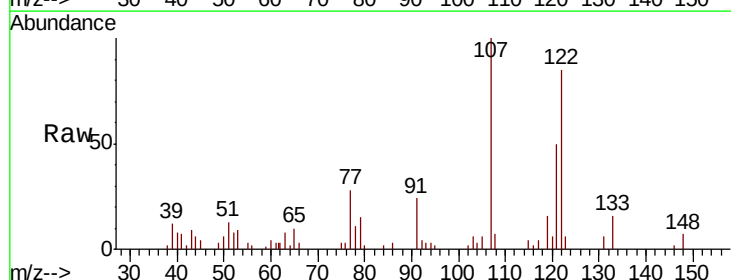
Instrument :
BNA_G
ClientSampleId :

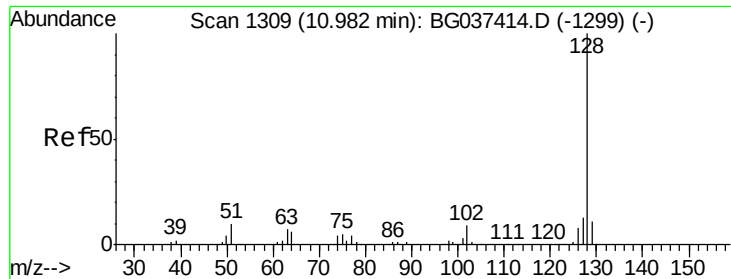
Tot Ion	82	Resp	301600
Ion Ratio	100	Lower	Upper
128	45.4	34.6	51.8
54	54.0	45.3	67.9



#27
2,4-Dimethylphenol
Concen: 6.059 ng
RT: 10.08 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Tgt Ion	122	Resp	19084
Ion Ratio	100	Lower	Upper
107	117.8	94.2	141.2
121	59.3	47.3	70.9

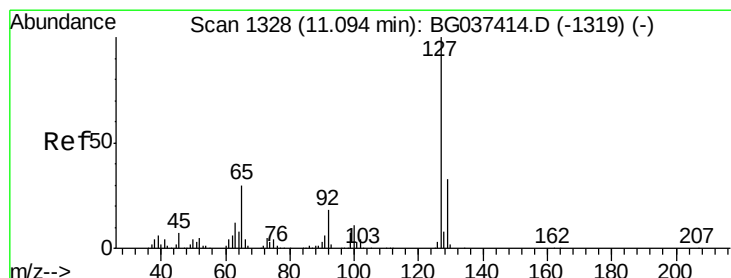
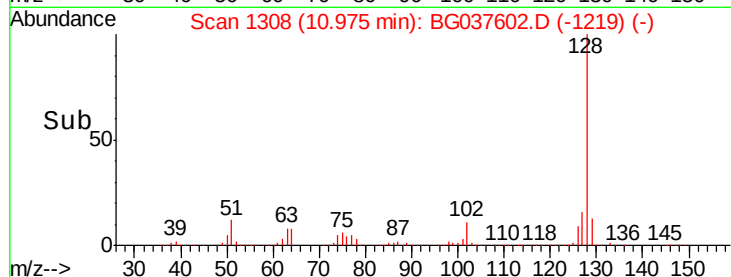
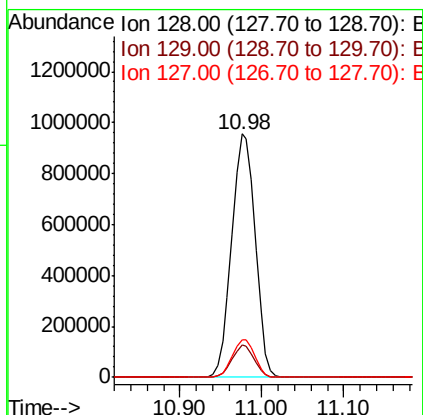
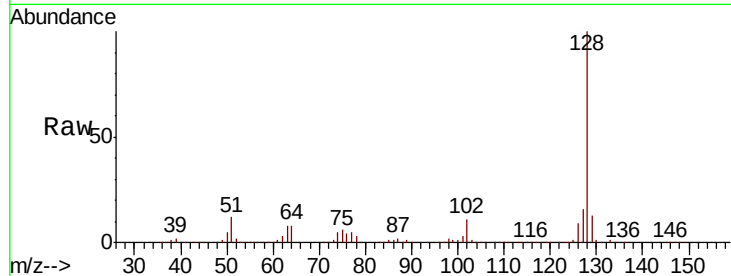




#31
Naphthalene
Concen: 185.045 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

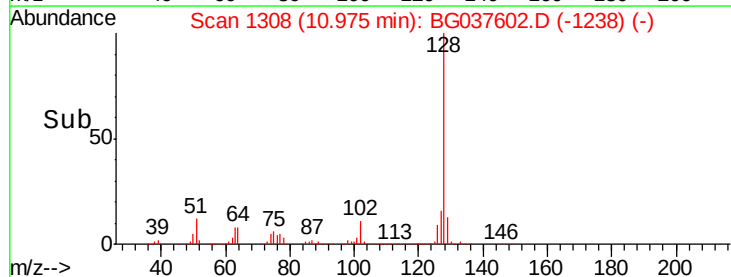
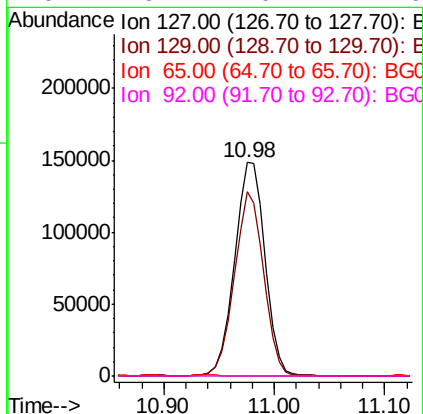
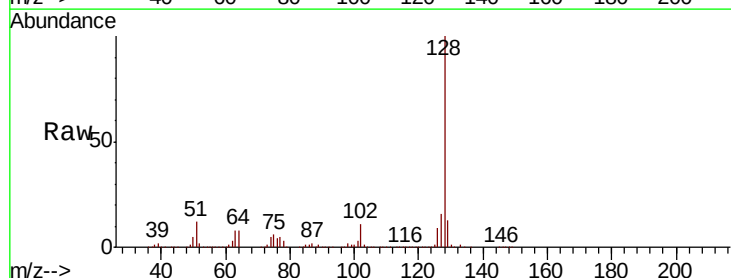
Instrument :
BNA_G
ClientSampleId :

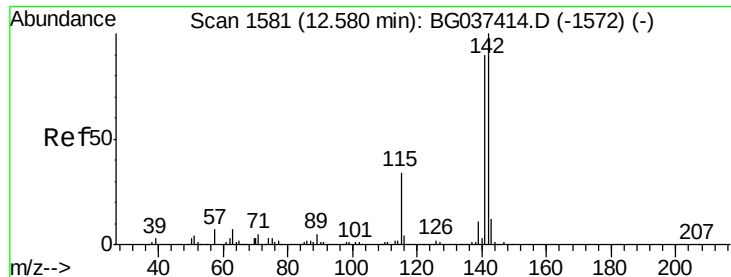
Tot Ion:128 Resp: 1919295
Ion Ratio Lower Upper
128 100
129 13.4 9.0 13.6
127 15.5 11.1 16.7



#33
4-Chloroaniline
Concen: 58.820 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.12 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Tgt Ion:127 Resp: 286651
Ion Ratio Lower Upper
127 100
129 86.4 27.1 40.7#
65 0.0 26.6 39.8#
92 0.1 16.4 24.6#

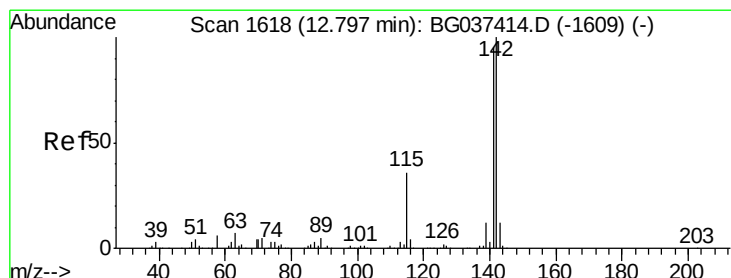
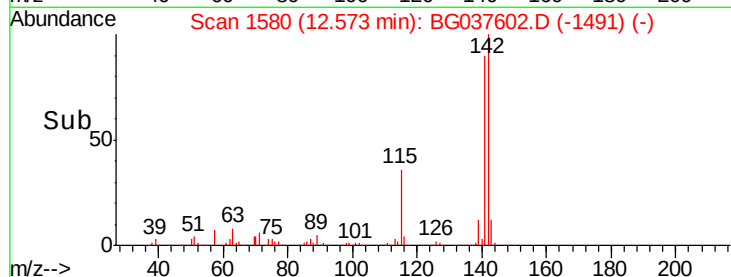
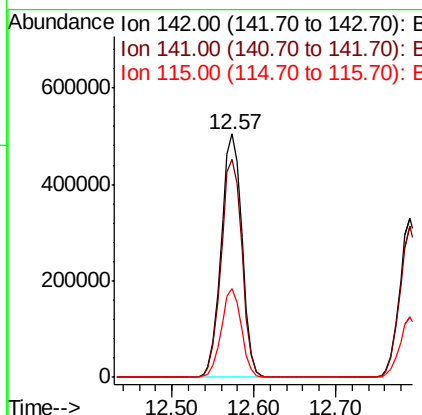
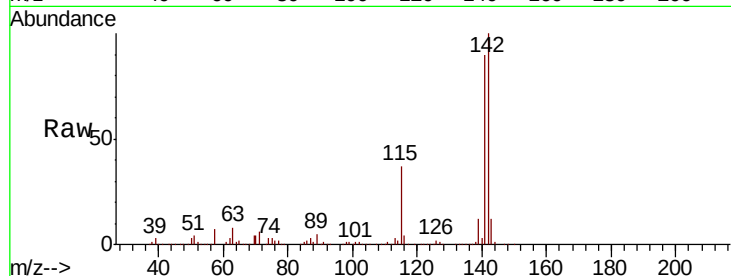




#37
2-Methylnaphthalene
Concen: 117.521 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

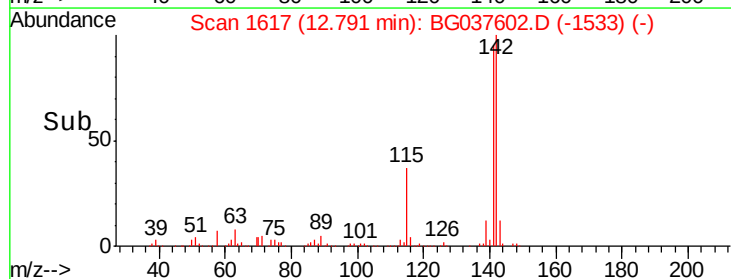
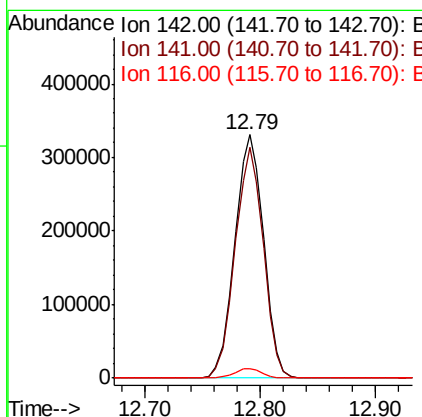
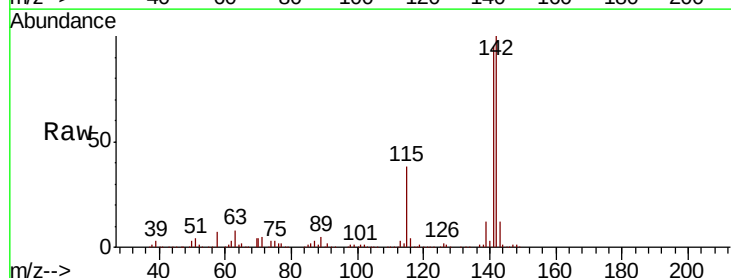
Instrument :
BNA_G
ClientSampleId :

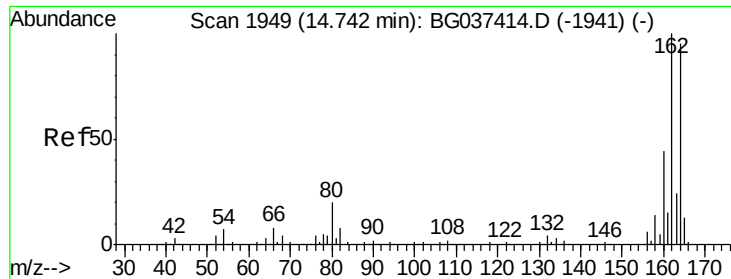
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	36.5	27.8	41.8



#38
1-Methylnaphthalene
Concen: 77.358 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.2	112.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037602.D

Acq: 27 Oct 2018 4:56

Instrument :

BNA_G

ClientSampleId :

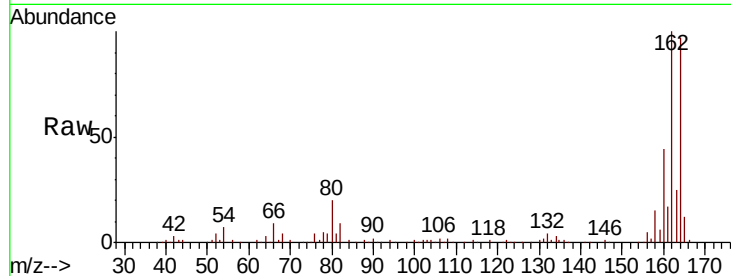
Tot Ion:164 Resp: 144903

Ion Ratio Lower Upper

164 100

162 103.2 81.3 121.9

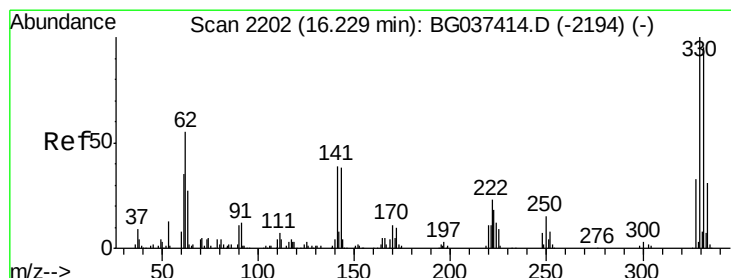
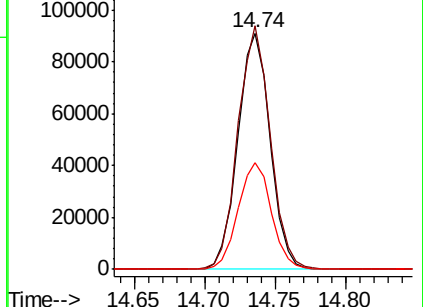
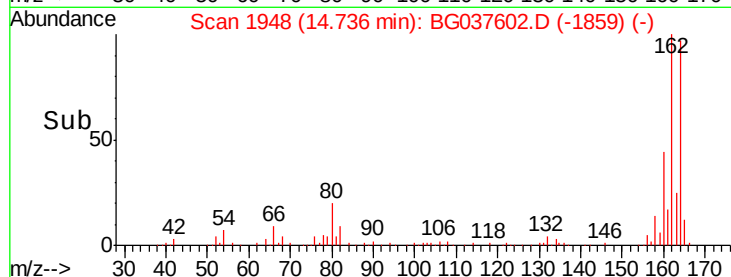
160 45.1 36.3 54.5



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: 104.856 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037602.D

Acq: 27 Oct 2018 4:56

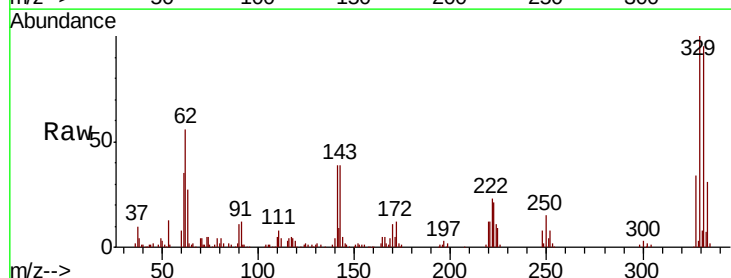
Tgt Ion:330 Resp: 165719

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

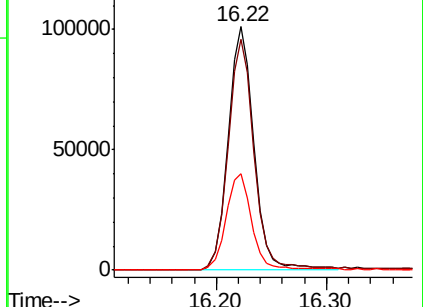
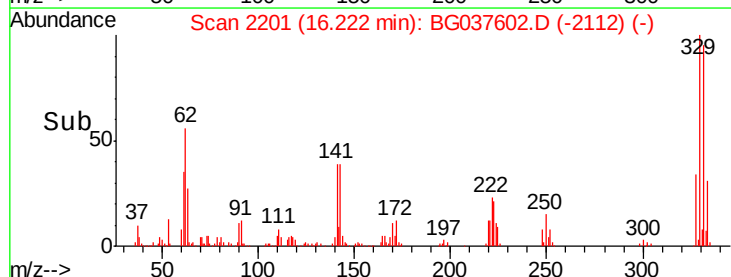
141 39.3 32.2 48.2

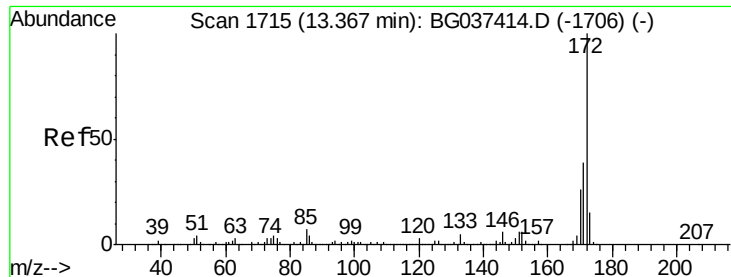


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

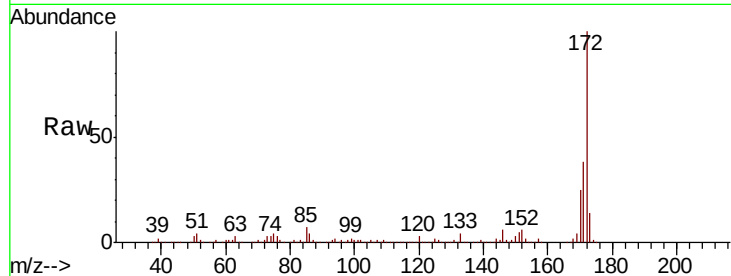




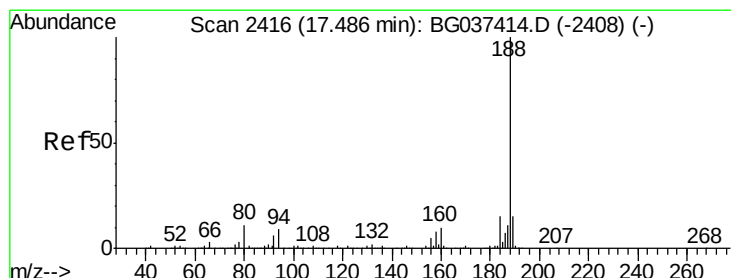
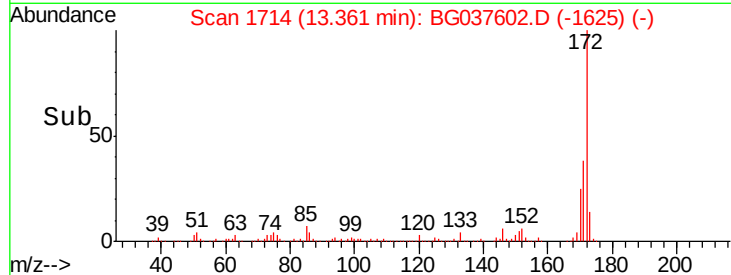
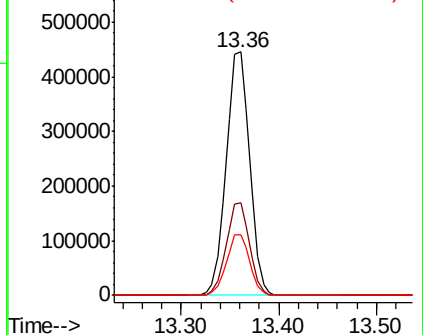
#45
 2-Fluorobiphenyl
 Concen: 77.214 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037602.D
 Acq: 27 Oct 2018 4:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.1	20.2	30.2

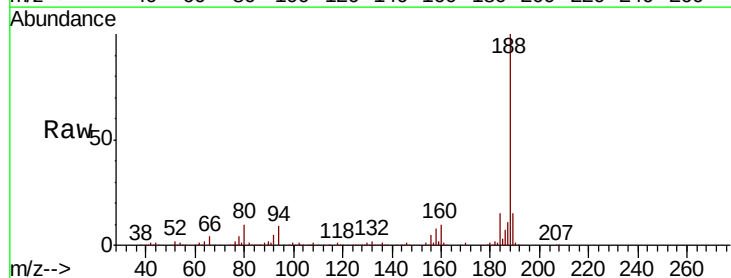


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

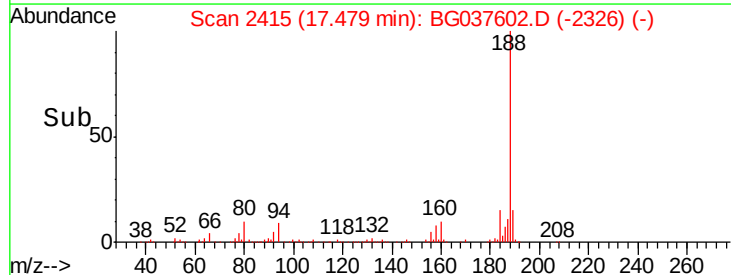
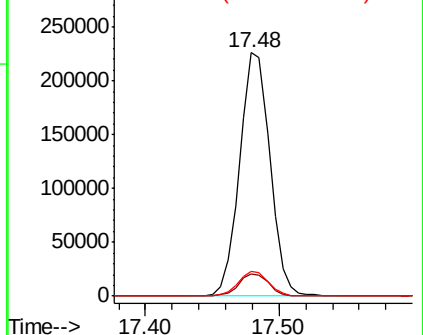


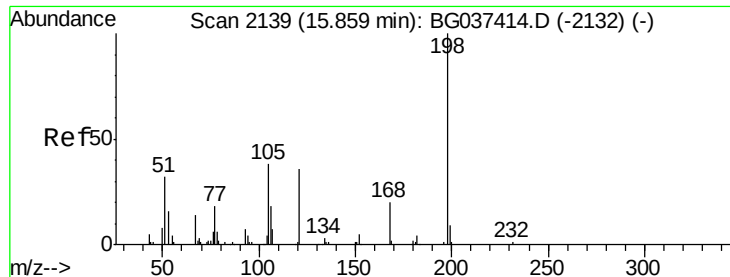
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037602.D
 Acq: 27 Oct 2018 4:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.4	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG0
 Ion 80.00 (79.70 to 80.70): BG0

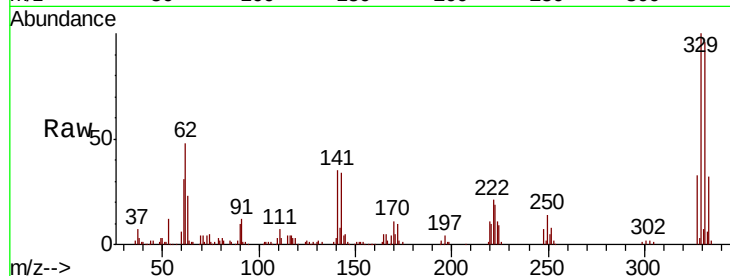




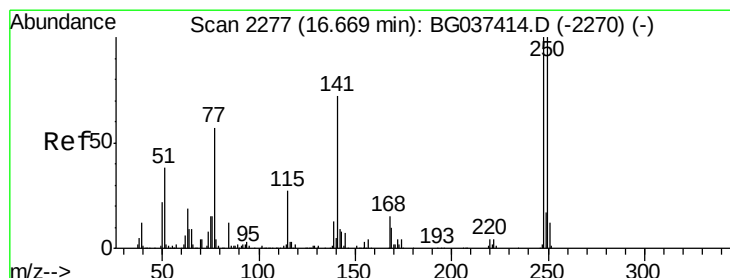
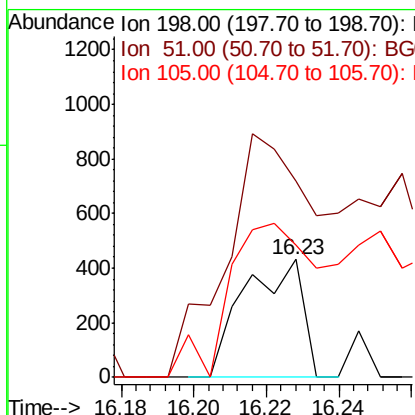
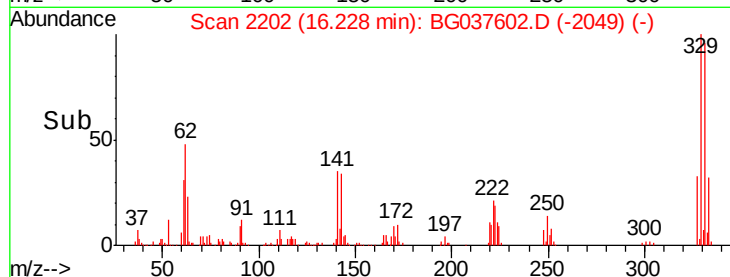
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.721 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.37 min
 Lab File: BG037602.D
 Acq: 27 Oct 2018 4:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 485
 Ion Ratio Lower Upper
 198 100
 51 47.3 22.7 62.7
 105 32.0 19.7 59.7

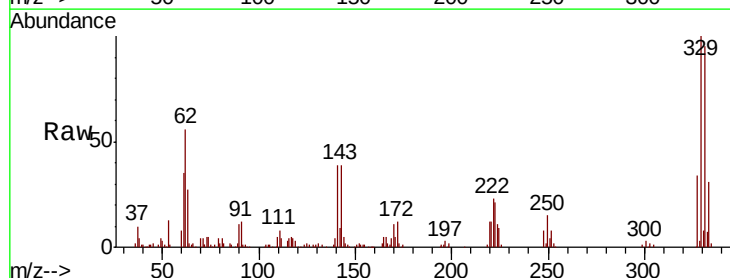


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

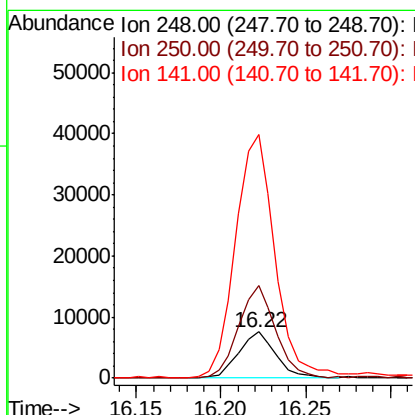
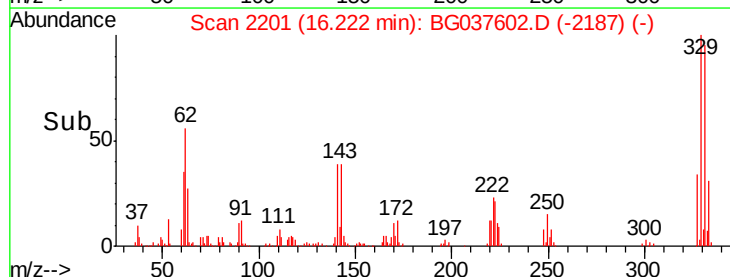


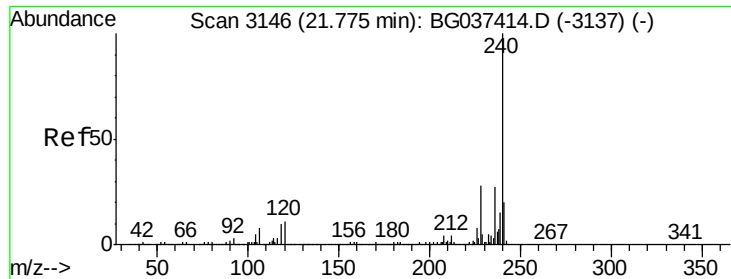
#67
 4-Bromophenyl-phenylether
 Concen: 2.990 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037602.D
 Acq: 27 Oct 2018 4:56

Tgt Ion:248 Resp: 11667
 Ion Ratio Lower Upper
 248 100
 250 207.7 77.0 115.6#
 141 422.0 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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037602.D

Acq: 27 Oct 2018 4:56

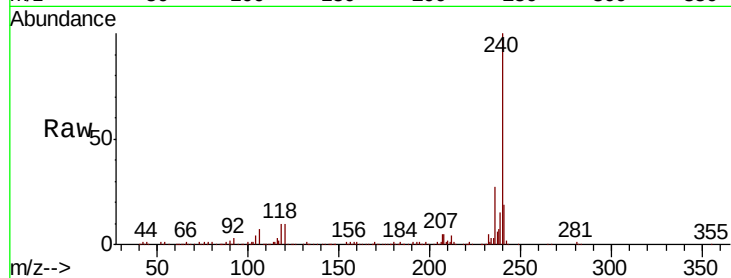
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 334694

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	26.7	21.4	32.0

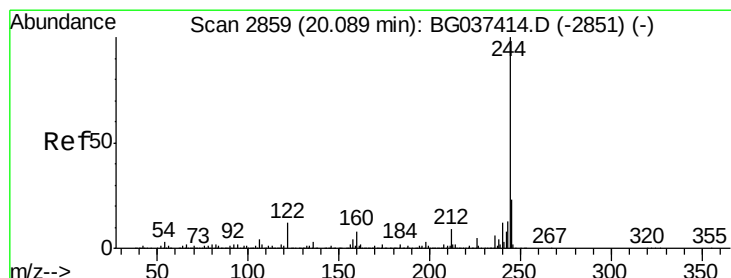
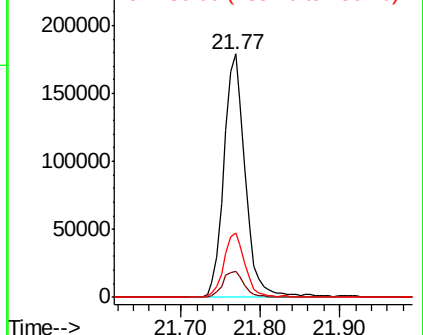
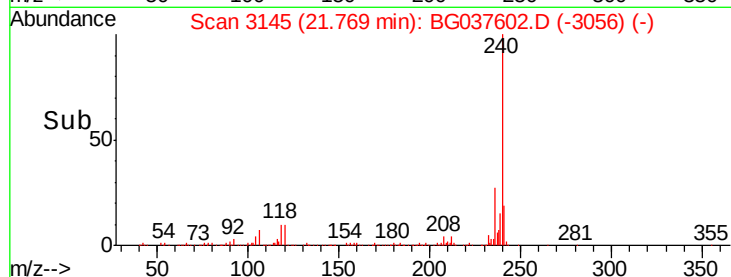


Abundance

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: 79.310 ng

RT: 20.08 min Scan# 2858

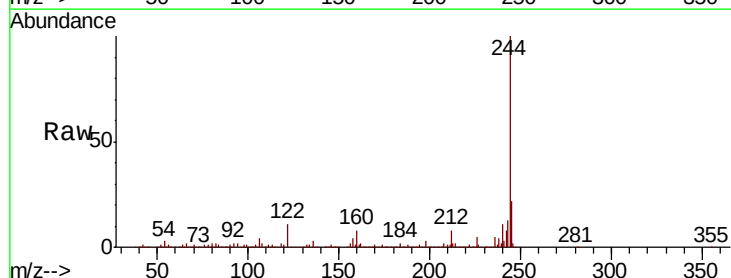
Delta R.T. -0.01 min

Lab File: BG037602.D

Acq: 27 Oct 2018 4:56

Tgt Ion:244 Resp: 1242281

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.0	9.0	13.4

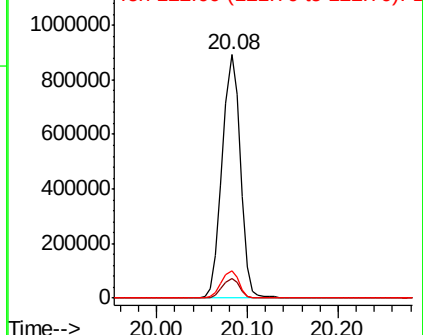
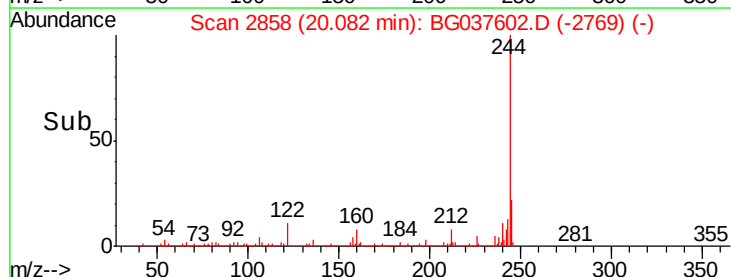


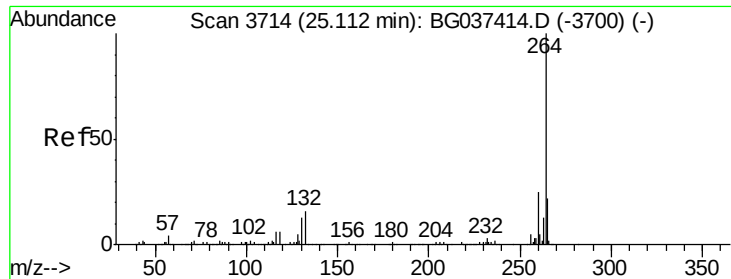
Abundance

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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG037602.D
 Acq: 27 Oct 2018 4:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	23.1	17.9	26.9

