

Data File : BG037781.D
Acq On : 3 Nov 2018 8:26
Operator : JU/SJ
Sample : J5767-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-110118-C

Quant Time: Nov 05 03:53:32 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

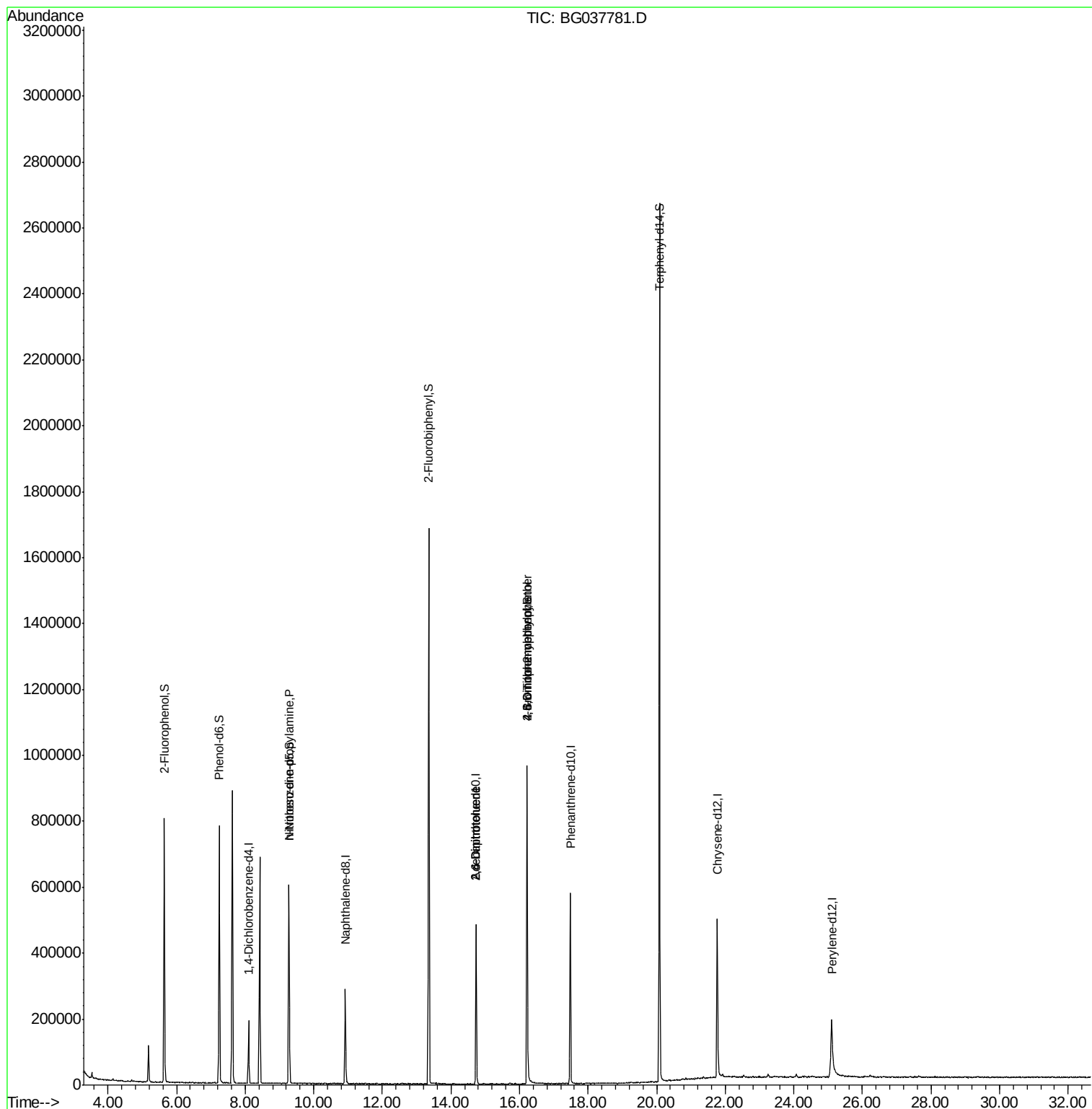
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57075	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	257230	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	172186	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	384770	20.00	ng	0.00
76) Chrysene-d12	21.77	240	342875	20.00	ng	0.00
87) Perylene-d12	25.10	264	281589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	382661	112.09	ng	0.00
7) Phenol-d6	7.24	99	499879	96.83	ng	0.00
23) Nitrobenzene-d5	9.27	82	383756	83.57	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	189746	101.04	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	936701	82.03	ng	-0.02
79) Terphenyl-d14	20.08	244	1365263	85.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	49421	13.903	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	22737	7.716	ng	# 23
57) 2,4-Dinitrotoluene	14.73	165	22737	5.878	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.22	198	458	8.694	ng	80
67) 4-Bromophenyl-phenylether	16.22	248	13367	3.163	ng	# 1

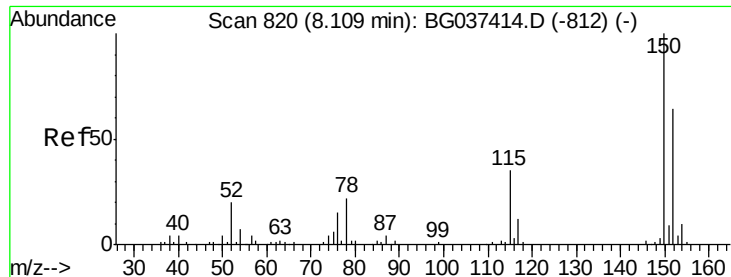
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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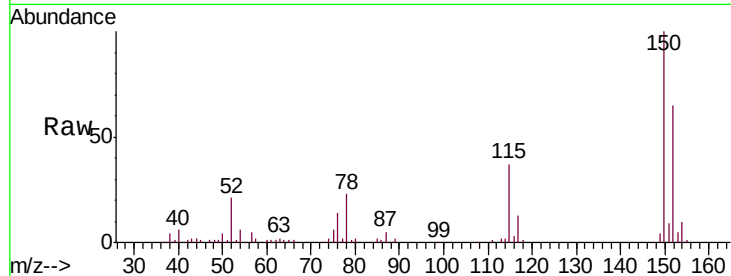


#1

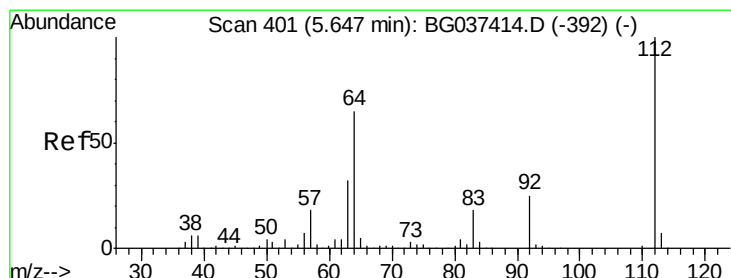
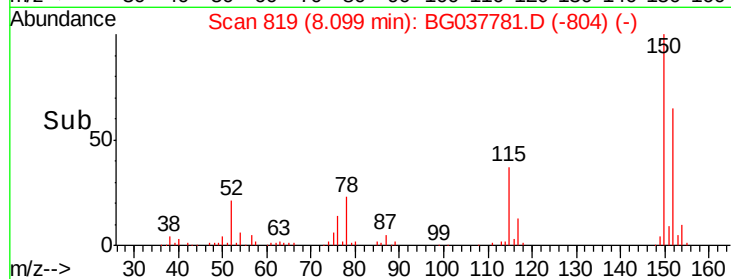
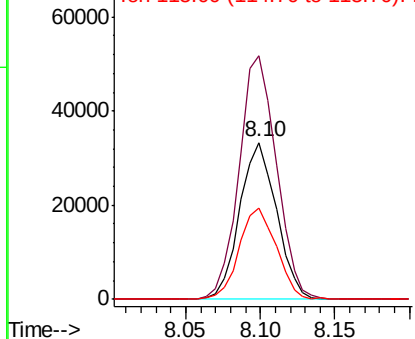
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037781.D
Acq: 3 Nov 2018 8:26

Instrument :
BNA_G
ClientSampleId :
CL-02-110118-C

Tgt Ion:152 Resp: 57075
Ion Ratio Lower Upper
152 100
150 155.0 126.0 189.0
115 58.1 45.5 68.3



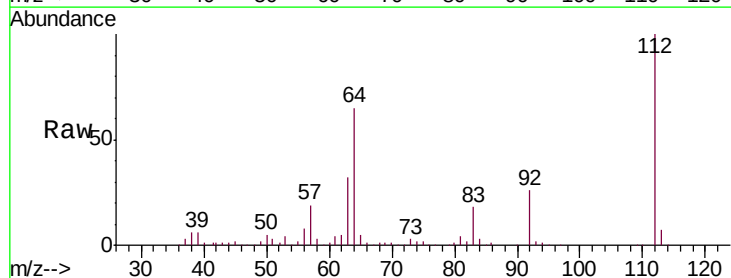
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



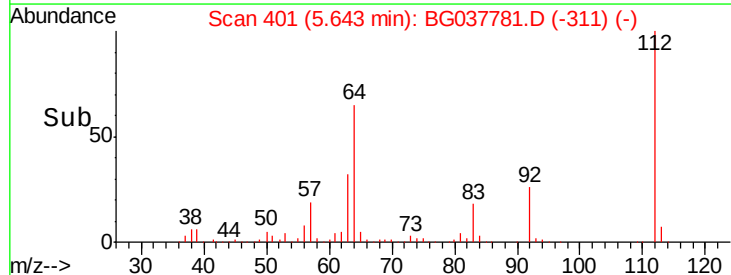
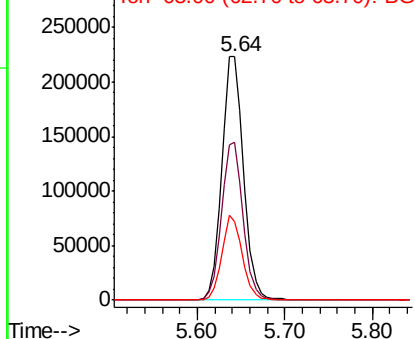
#5

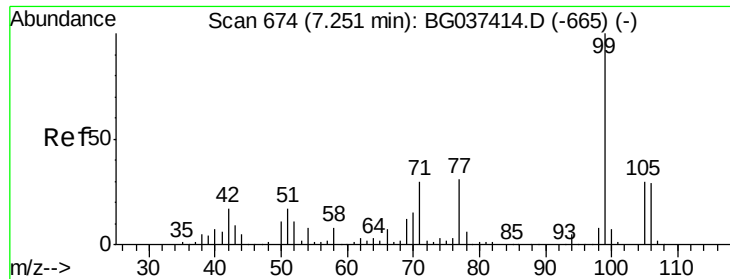
2-Fluorophenol
Concen: 112.090 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037781.D
Acq: 3 Nov 2018 8:26

Tgt Ion:112 Resp: 382661
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 32.1 27.3 40.9



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





#7

Phenol-d6

Concen: 96.834 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037781.D

Acq: 3 Nov 2018 8:26

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-C

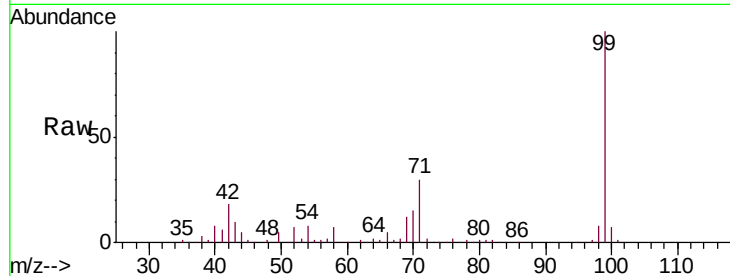
Tgt Ion: 99 Resp: 499879

Ion Ratio Lower Upper

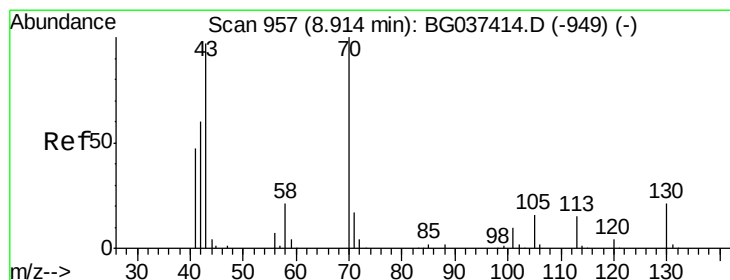
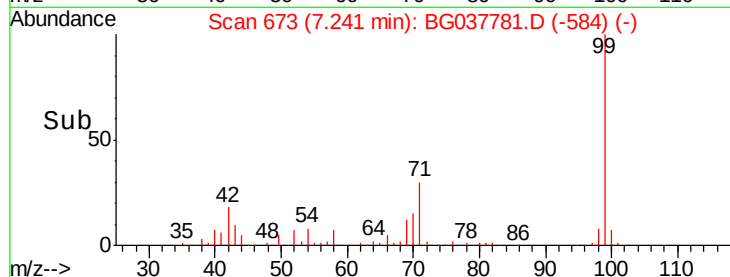
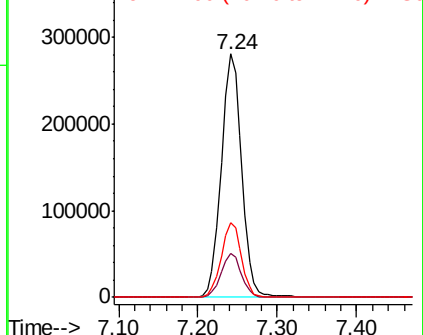
99 100

42 17.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.903 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037781.D

Acq: 3 Nov 2018 8:26

Tgt Ion: 70 Resp: 49421

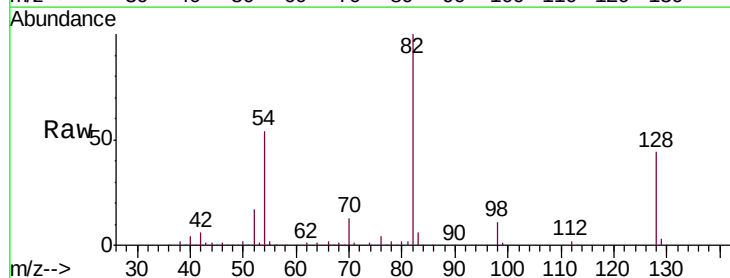
Ion Ratio Lower Upper

70 100

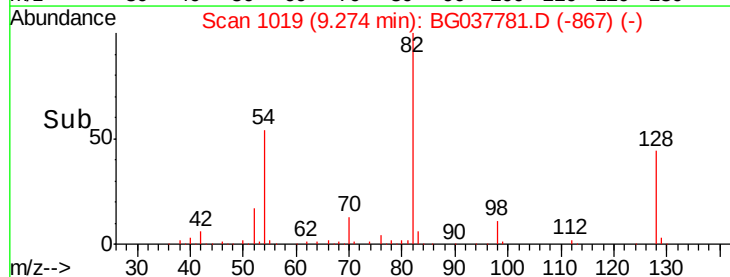
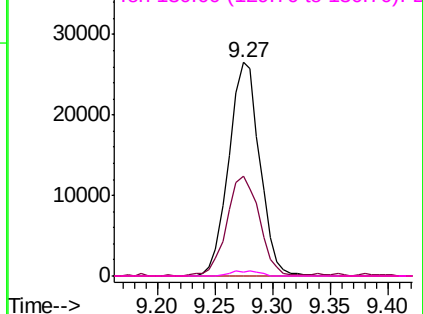
42 46.6 53.9 80.9#

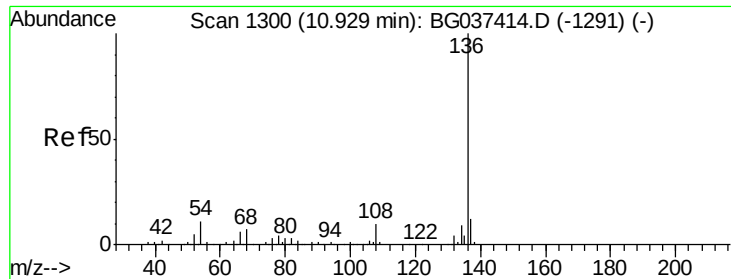
101 0.0 8.2 12.2#

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

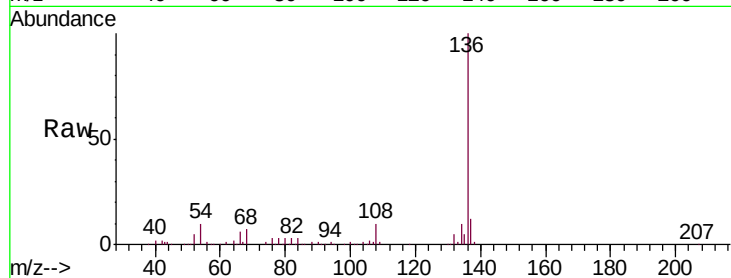




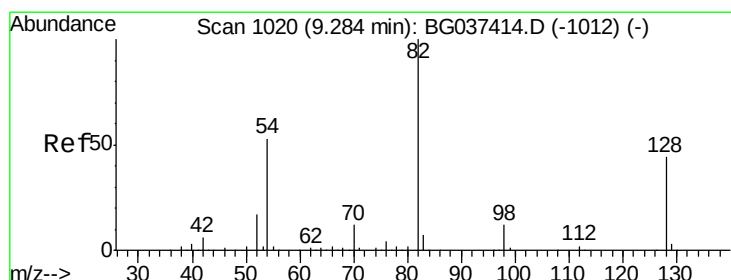
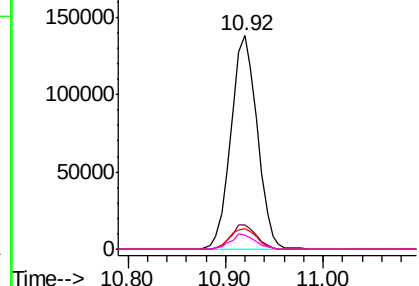
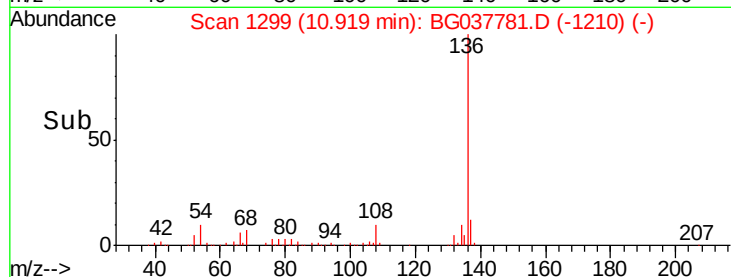
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037781.D
Acq: 3 Nov 2018 8:26

Instrument :
BNA_G
ClientSampleId :
CL-02-110118-C

Tgt Ion:	136	Resp:	257230
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	9.8	7.9	11.9
68	6.9	4.8	7.2

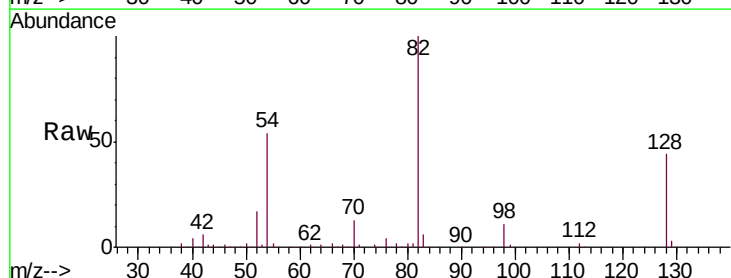


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

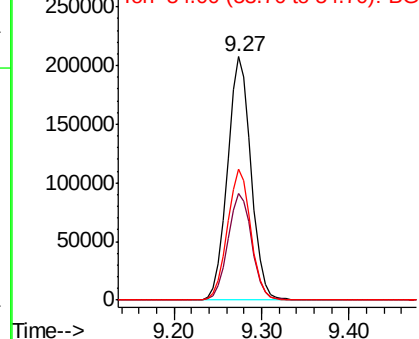
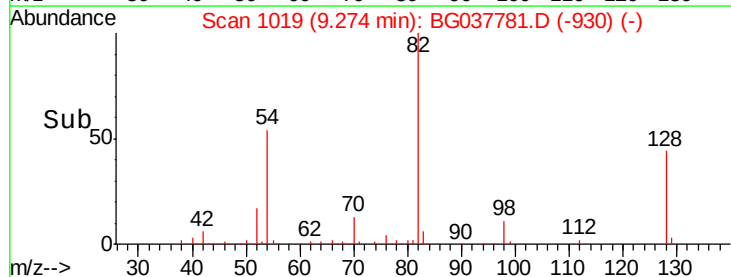


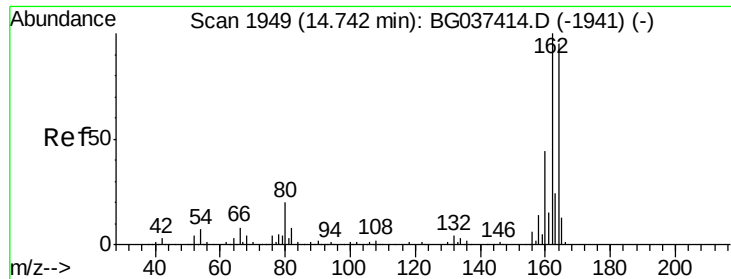
#23
Nitrobenzene-d5
Concen: 83.574 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037781.D
Acq: 3 Nov 2018 8:26

Tgt Ion:	82	Resp:	383756
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	53.7	45.3	67.9



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

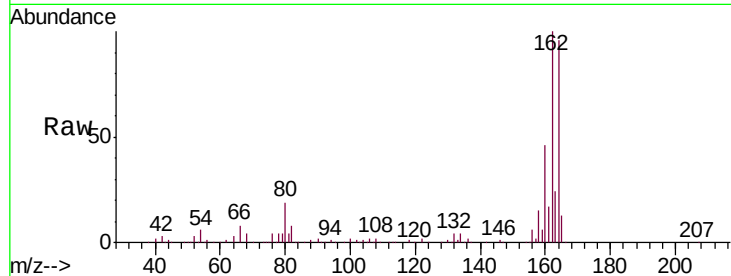




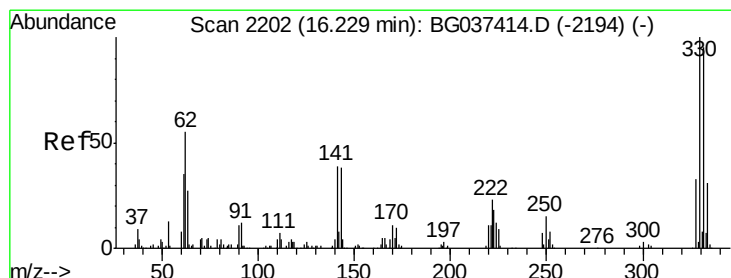
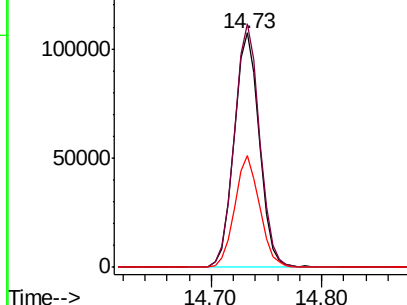
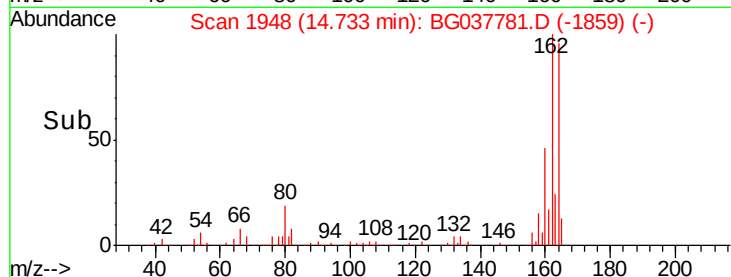
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037781.D
 Acq: 3 Nov 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-110118-C

Tgt Ion:164 Resp: 172186
 Ion Ratio Lower Upper
 164 100
 162 103.9 81.3 121.9
 160 47.5 36.3 54.5

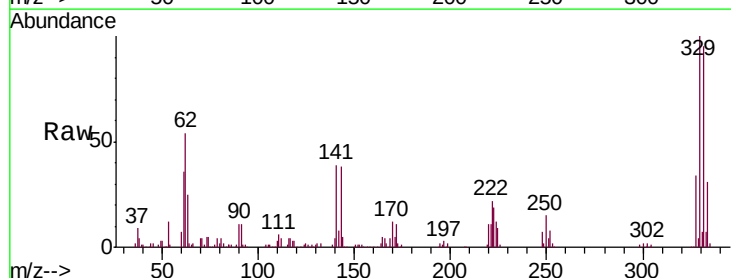


Abundance Ion 164.00 (163.70 to 164.70): E
 150000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

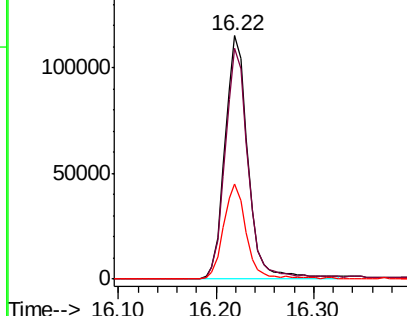
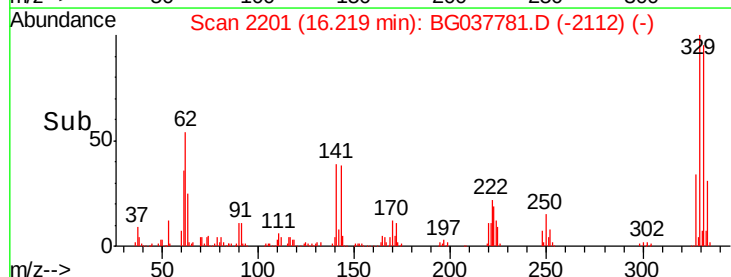


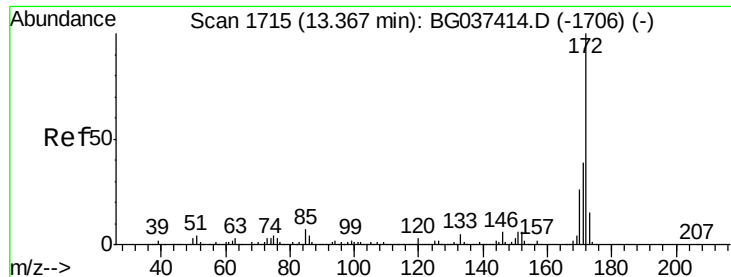
#42
 2,4,6-Tribromophenol
 Concen: 101.035 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037781.D
 Acq: 3 Nov 2018 8:26

Tgt Ion:330 Resp: 189746
 Ion Ratio Lower Upper
 330 100
 332 94.8 78.4 117.6
 141 38.8 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

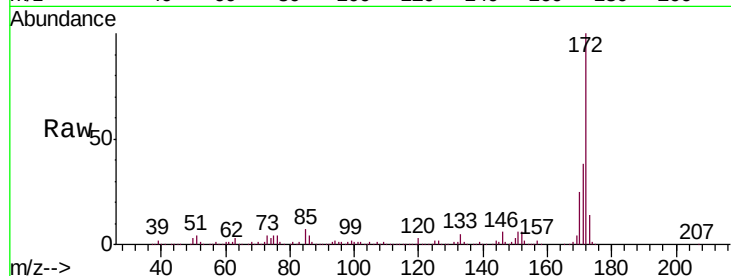




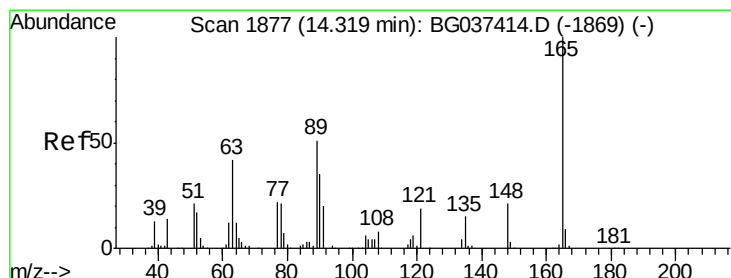
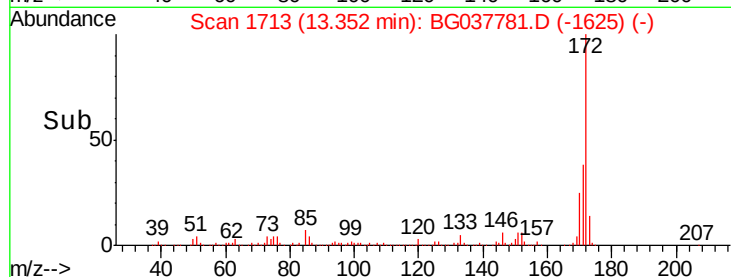
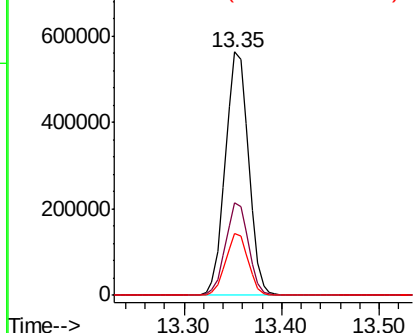
#45
 2-Fluorobiphenyl
 Concen: 82.033 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037781.D
 Acq: 3 Nov 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-110118-C

Tgt Ion:172 Resp: 936701
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.0 46.4
 170 25.4 20.2 30.2

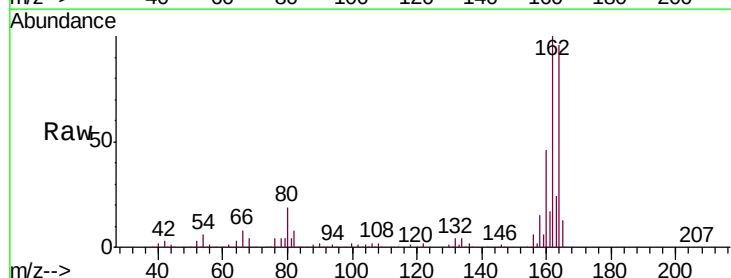


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

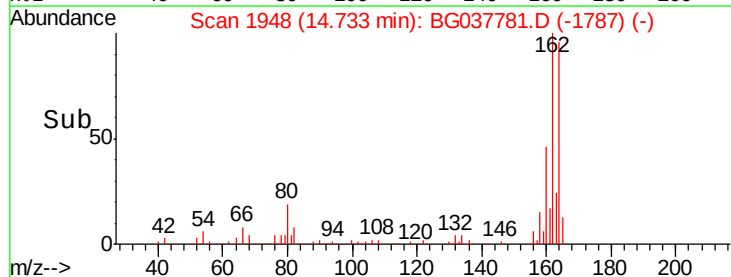
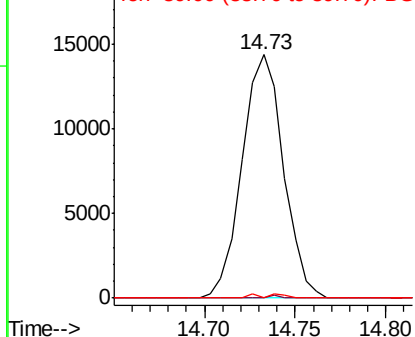


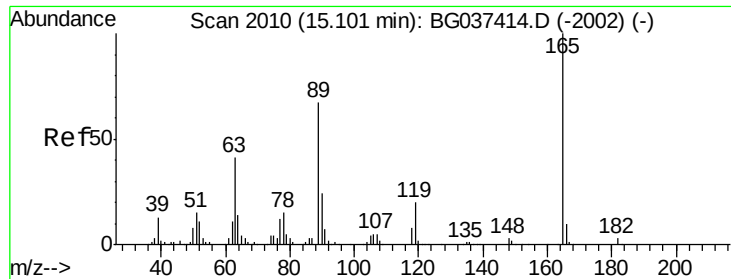
#51
 2,6-Dinitrotoluene
 Concen: 7.716 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037781.D
 Acq: 3 Nov 2018 8:26

Tgt Ion:165 Resp: 22737
 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

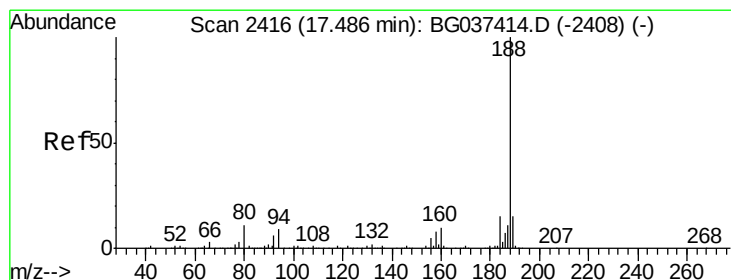
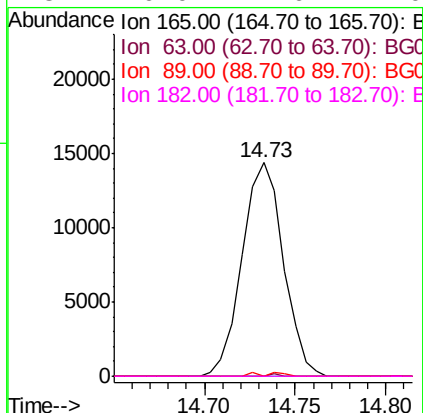
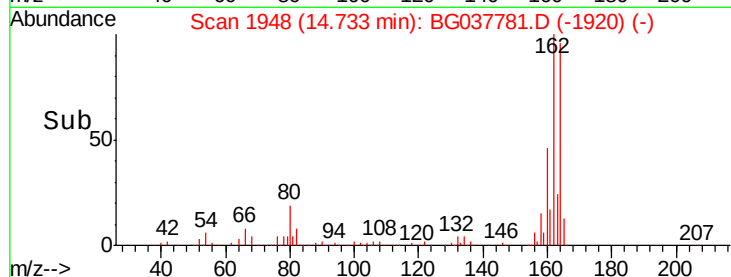
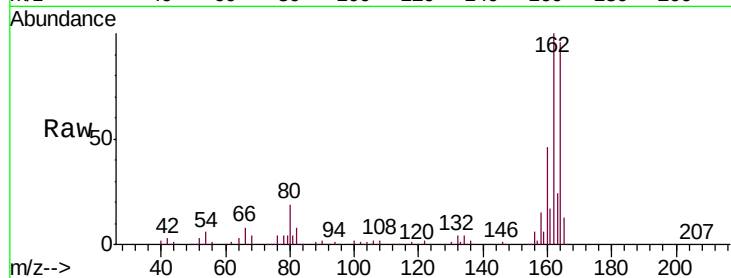




#57
 2,4-Dinitrotoluene
 Concen: 5.878 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037781.D
 Acq: 3 Nov 2018 8:26

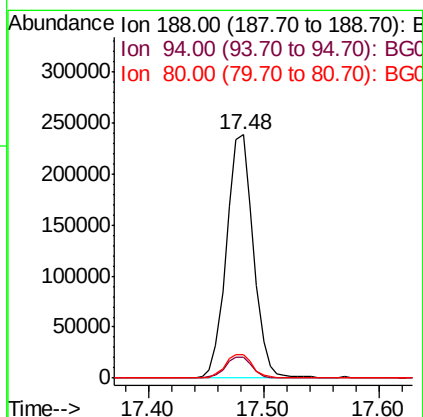
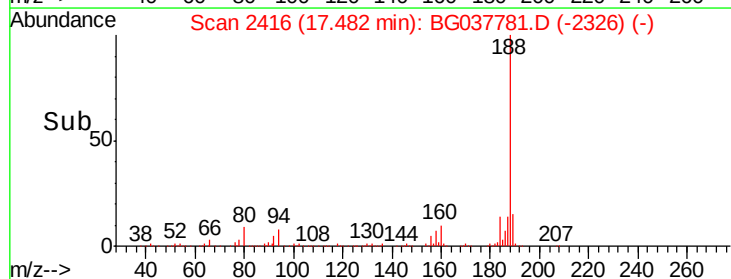
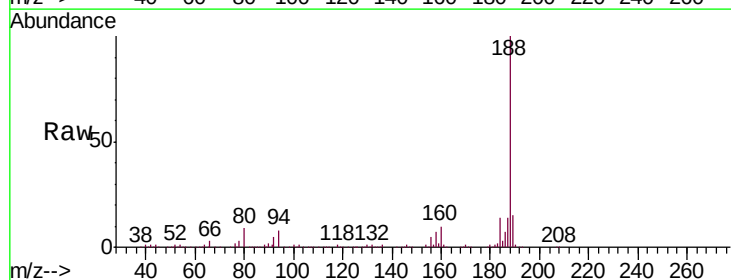
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-110118-C

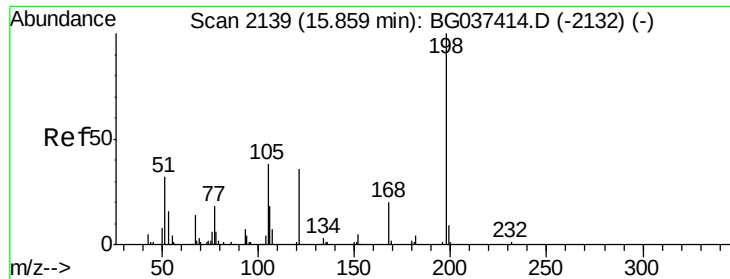
Tgt Ion:	165	Resp:	22737
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037781.D
 Acq: 3 Nov 2018 8:26

Tgt Ion:	188	Resp:	384770
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.5	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 8.694 ng

RT: 16.22 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037781.D

Acq: 3 Nov 2018 8:26

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-C

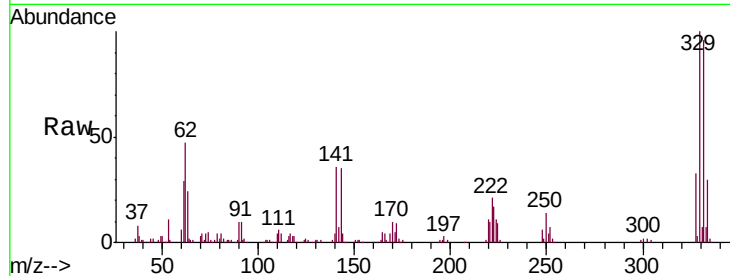
Tgt Ion:198 Resp: 458

Ion Ratio Lower Upper

198 100

51 22.9 22.7 62.7

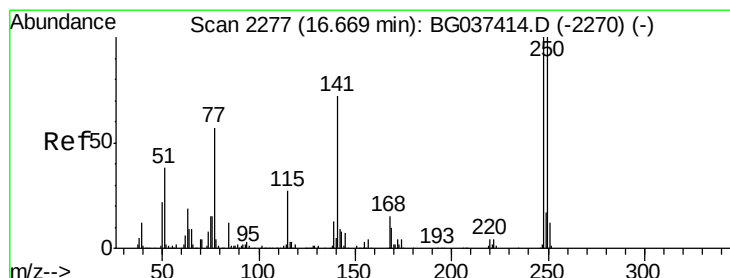
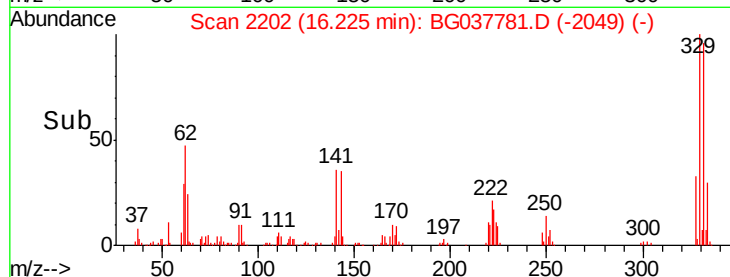
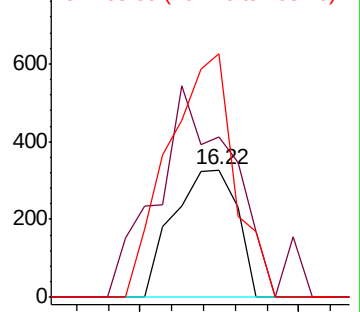
105 34.9 19.7 59.7



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: 3.163 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037781.D

Acq: 3 Nov 2018 8:26

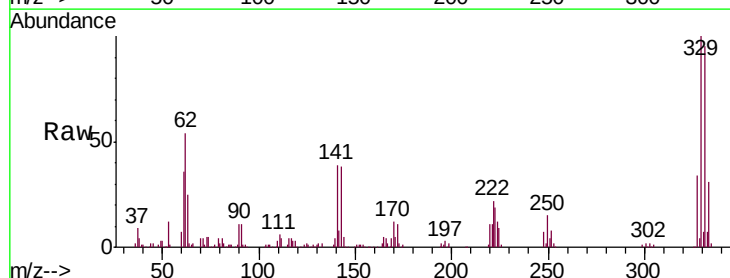
Tgt Ion:248 Resp: 13367

Ion Ratio Lower Upper

248 100

250 195.3 77.0 115.6#

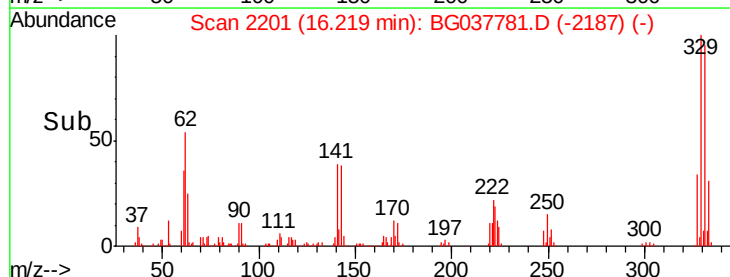
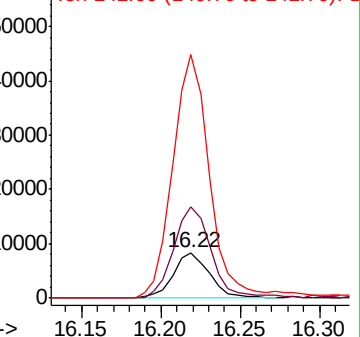
141 402.5 55.5 83.3#

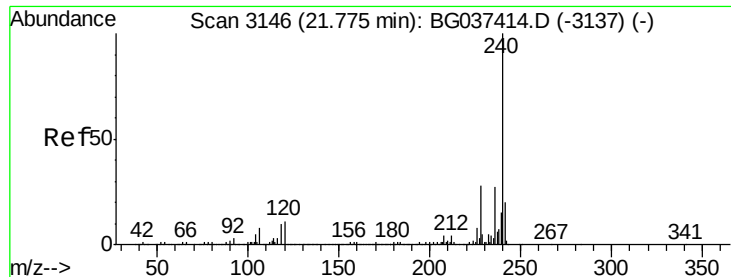


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

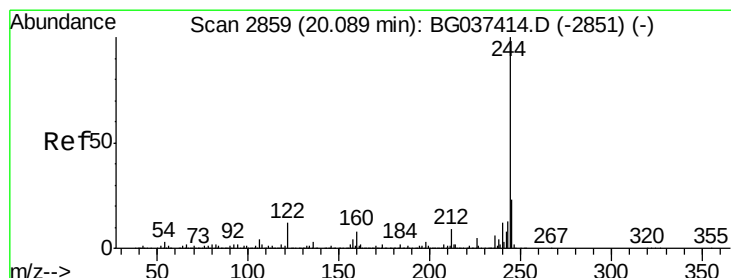
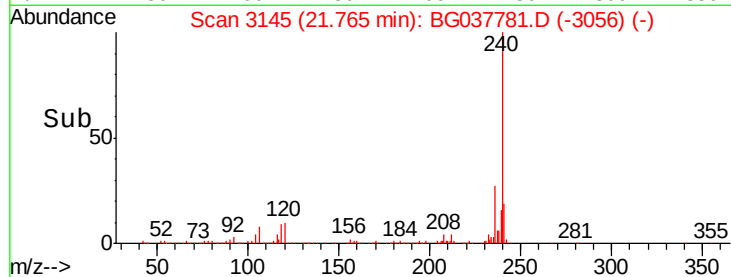
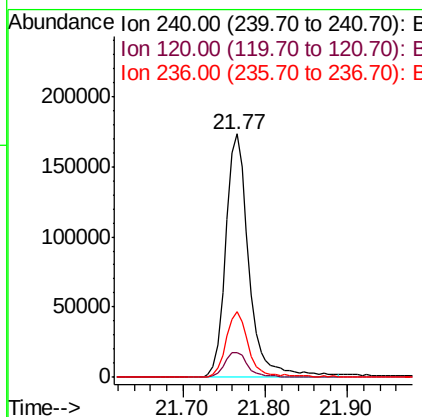
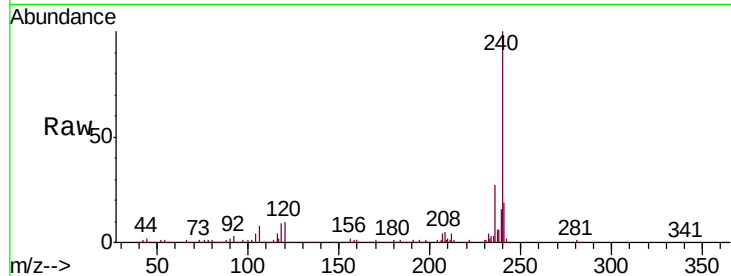




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037781.D
Acq: 3 Nov 2018 8:26

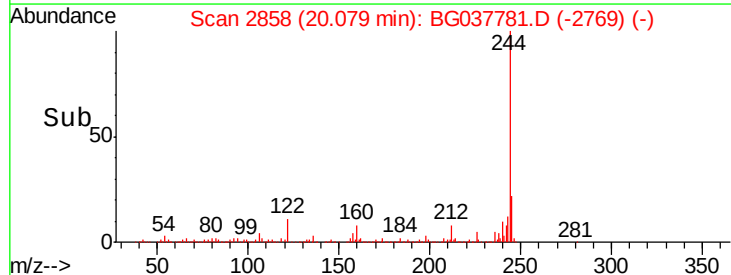
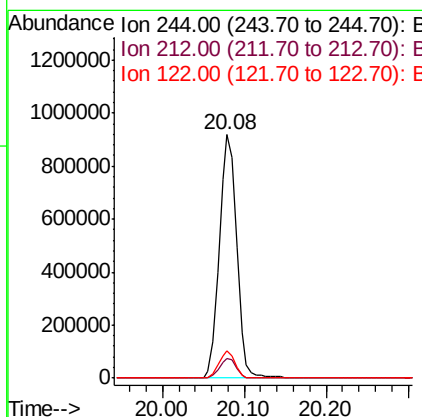
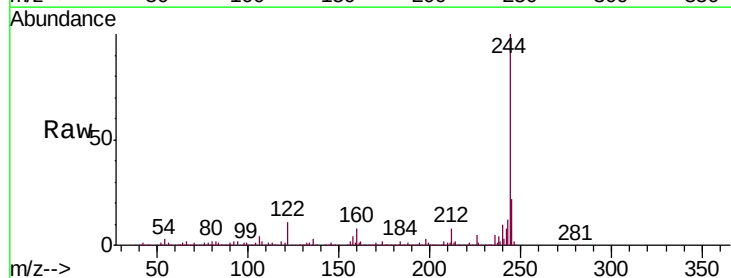
Instrument :
BNA_G
ClientSampleId :
CL-02-110118-C

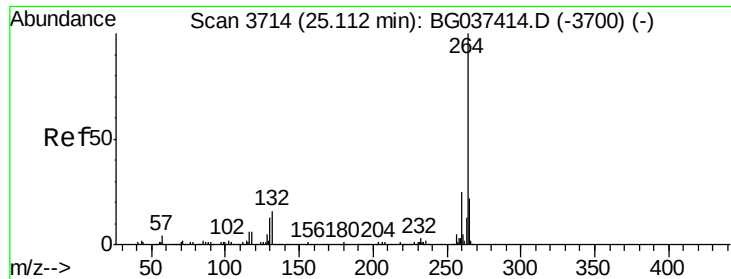
Tgt Ion:240 Resp: 342875
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 27.1 21.4 32.0



#79
Terphenyl-d14
Concen: 85.082 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037781.D
Acq: 3 Nov 2018 8:26

Tgt Ion:244 Resp: 1365263
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 11.1 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037781.D
Acq: 3 Nov 2018 8:26

Instrument :
BNA_G
ClientSampleId :
CL-02-110118-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.4
265	22.2	17.9	26.9

