

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102518\
 Data File : BG037575.D
 Acq On : 26 Oct 2018 11:18
 Operator : JU/SJ
 Sample : J5655-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0007

Quant Time: Oct 26 13:36:46 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

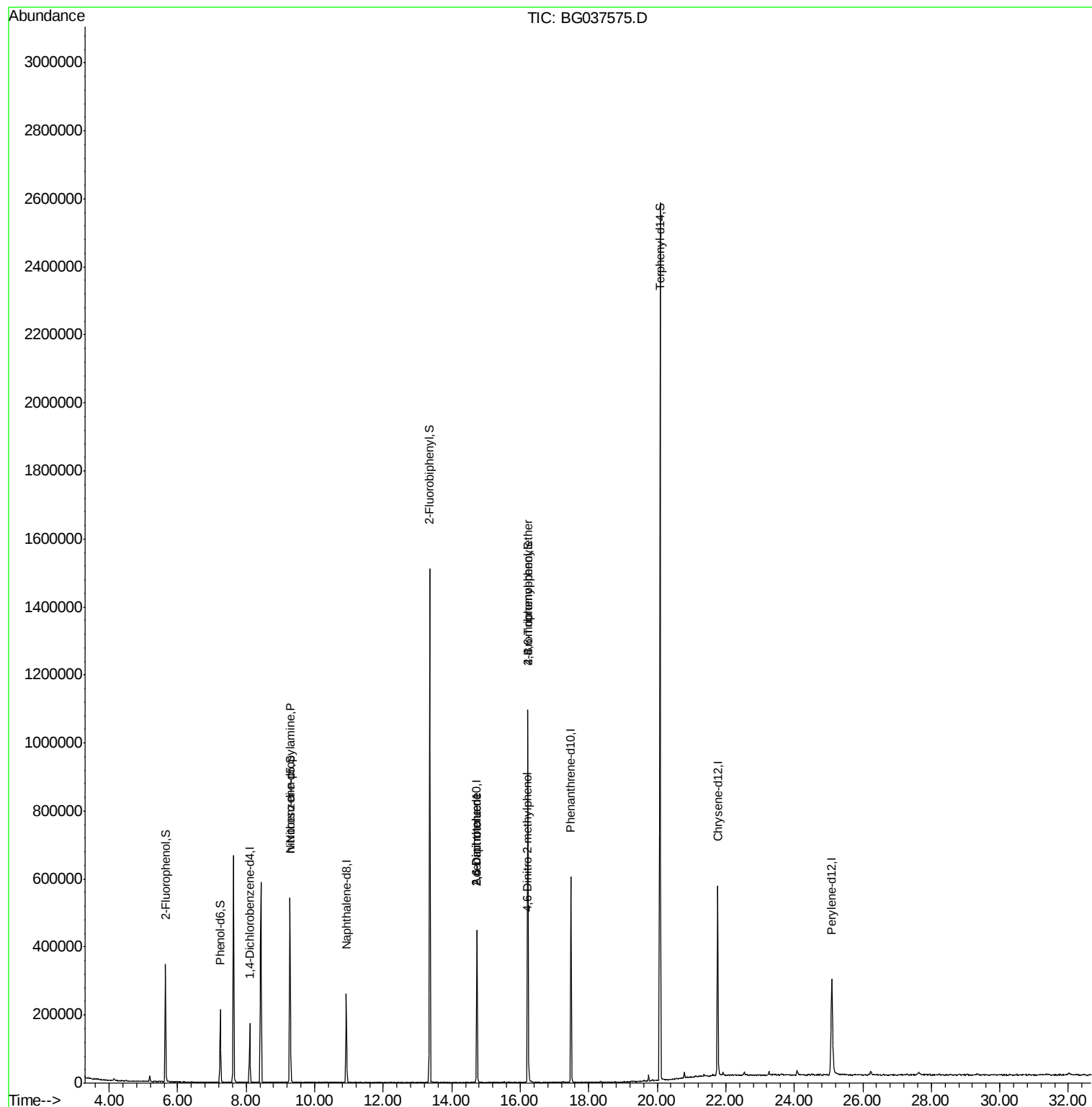
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52498	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	231316	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	157426	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	379881	20.00	ng	0.00
76) Chrysene-d12	21.76	240	352483	20.00	ng	-0.01
87) Perylene-d12	25.10	264	329393	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	162489	51.75	ng	0.00
7) Phenol-d6	7.25	99	136107	28.66	ng	0.00
23) Nitrobenzene-d5	9.28	82	334331	80.97	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	204641	119.18	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	821477	78.69	ng	-0.01
79) Terphenyl-d14	20.08	244	1287044	78.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	41929	12.824	ng	# 73
51) 2,6-Dinitrotoluene	14.73	165	20186	7.492	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	20186	5.708	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.20	198	122	8.558	ng	# 51
67) 4-Bromophenyl-phenylether	16.22	248	15461	3.706	ng	# 1

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

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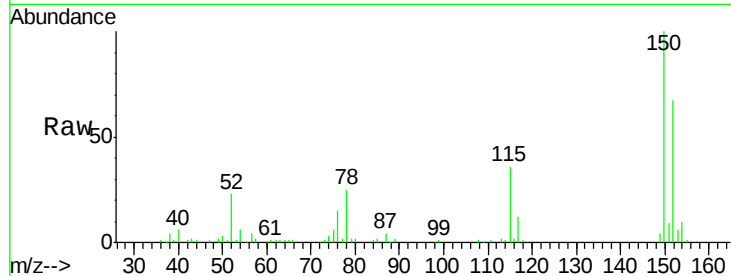


#1

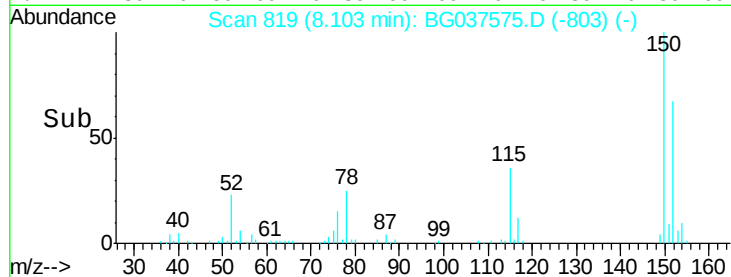
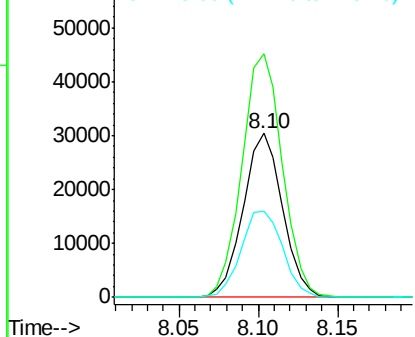
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037575.D
Acq: 26 Oct 2018 11:18

Instrument :
BNA_G
ClientSampleId :
S37-0007

Tgt Ion:152 Resp: 52498
Ion Ratio Lower Upper
152 100
150 148.4 126.0 189.0
115 52.8 45.5 68.3



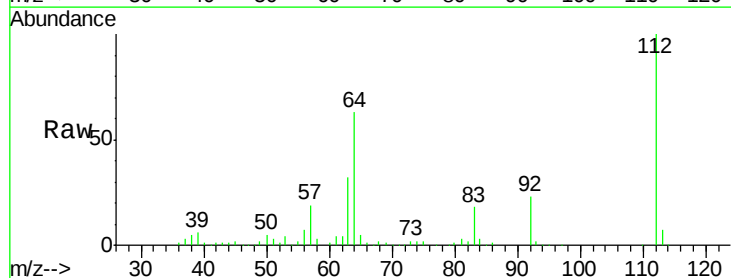
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



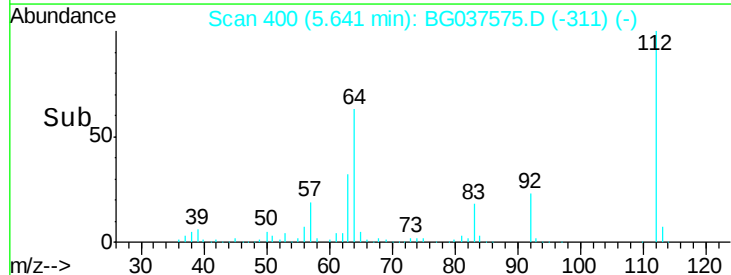
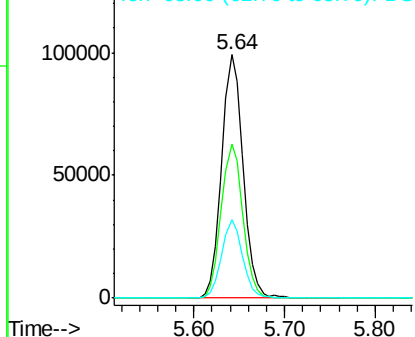
#5

2-Fluorophenol
Concen: 51.746 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037575.D
Acq: 26 Oct 2018 11:18

Tgt Ion:112 Resp: 162489
Ion Ratio Lower Upper
112 100
64 63.4 53.1 79.7
63 32.4 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: 28.665 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037575.D

Acq: 26 Oct 2018 11:18

Instrument :

BNA_G

ClientSampleId :

S37-0007

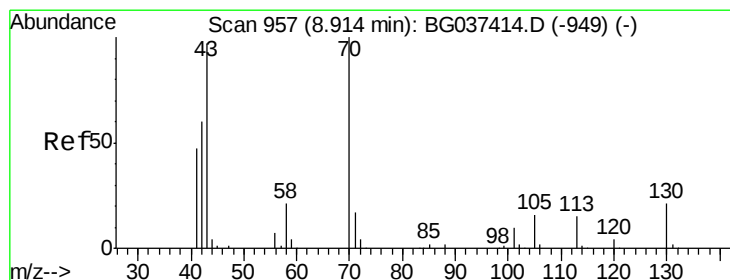
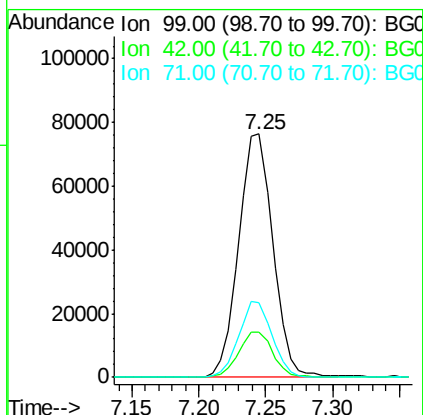
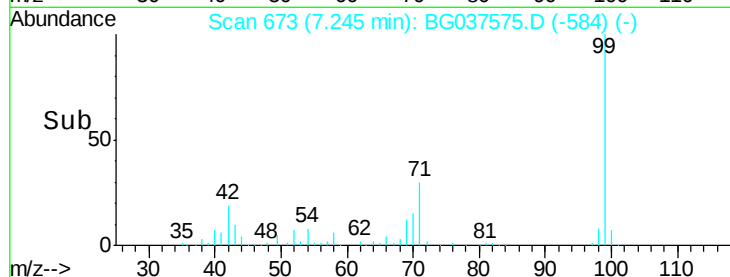
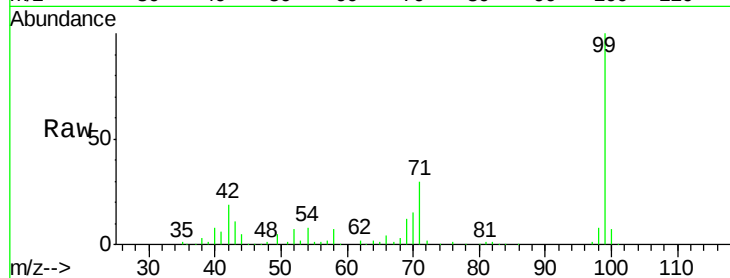
Tgt Ion: 99 Resp: 136107

Ion Ratio Lower Upper

99 100

42 18.6 15.0 22.4

71 30.5 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.824 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037575.D

Acq: 26 Oct 2018 11:18

Tgt Ion: 70 Resp: 41929

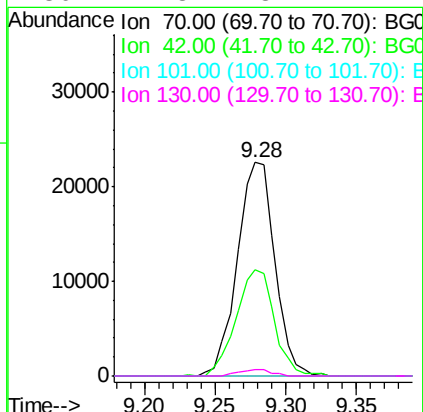
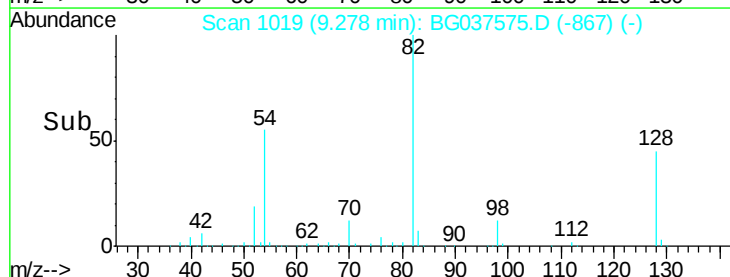
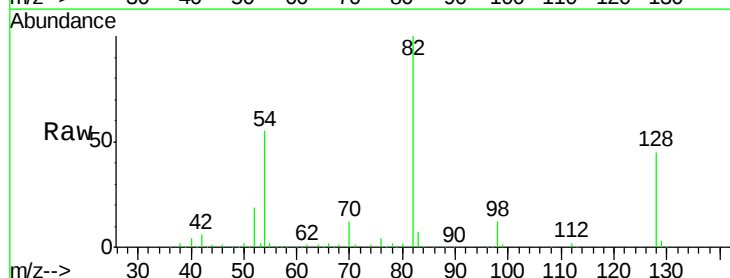
Ion Ratio Lower Upper

70 100

42 49.8 53.9 80.9#

101 0.0 8.2 12.2#

130 2.8 18.2 27.4#

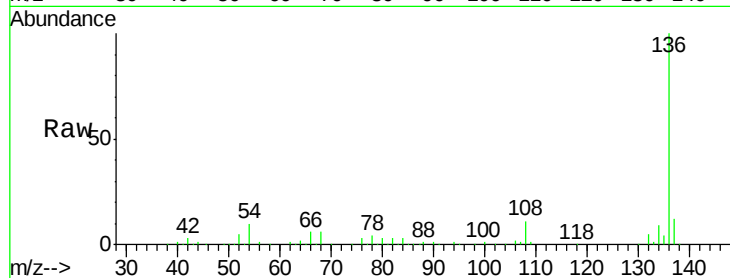




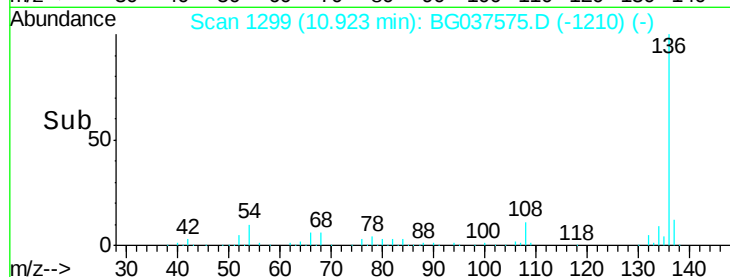
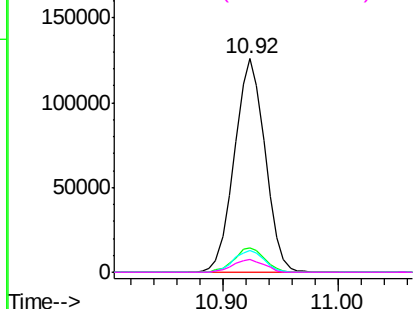
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037575.D
Acq: 26 Oct 2018 11:18

Instrument :
BNA_G
ClientSampleId :
S37-0007

Tgt Ion:	136	Resp:	231316
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.4	7.9	11.9
68	5.8	4.8	7.2

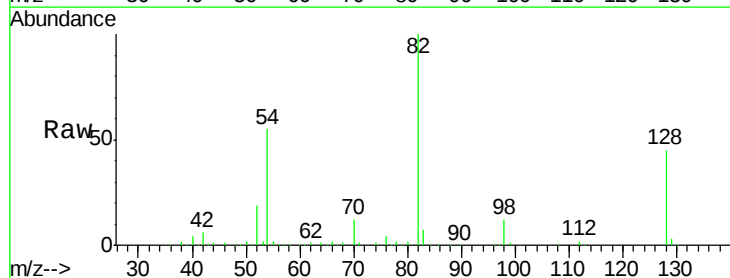


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

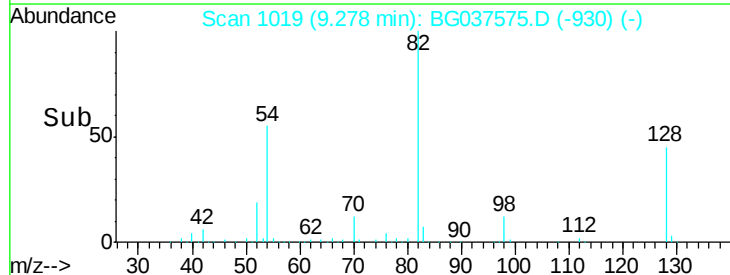
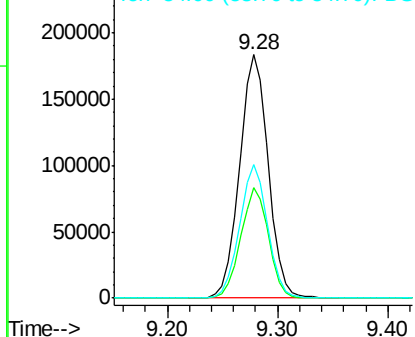


#23
Nitrobenzene-d5
Concen: 80.967 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037575.D
Acq: 26 Oct 2018 11:18

Tgt Ion:	82	Resp:	334331
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	51.8
54	54.9	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: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037575.D

Acq: 26 Oct 2018 11:18

Instrument :

BNA_G

ClientSampleId :

S37-0007

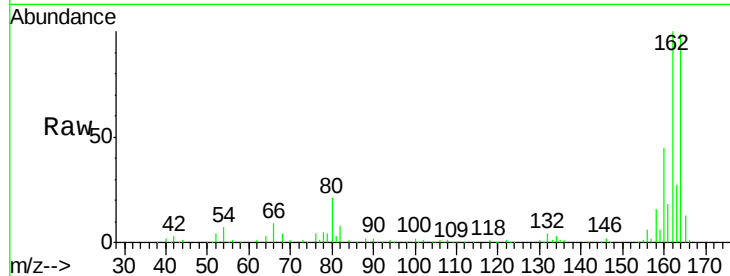
Tgt Ion:164 Resp: 157426

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

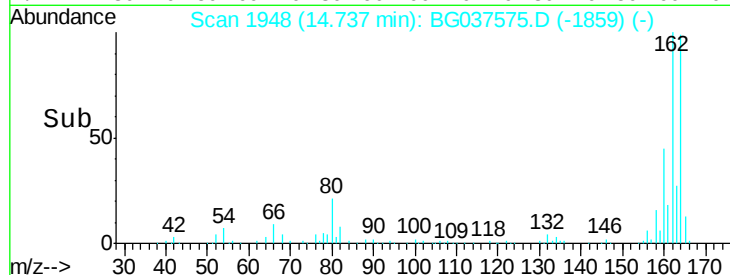
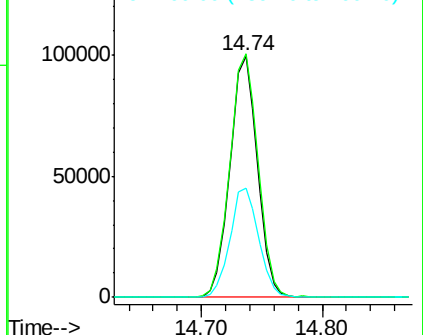
160 45.3 36.3 54.5



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: 119.183 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037575.D

Acq: 26 Oct 2018 11:18

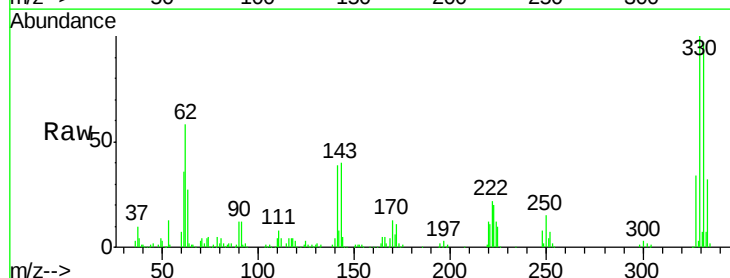
Tgt Ion:330 Resp: 204641

Ion Ratio Lower Upper

330 100

332 96.5 78.4 117.6

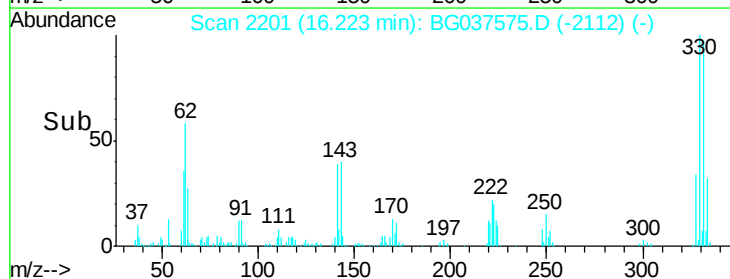
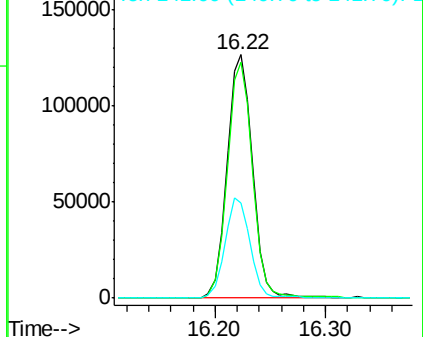
141 40.2 32.2 48.2

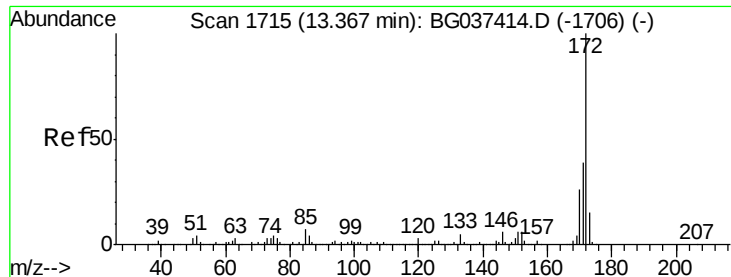


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

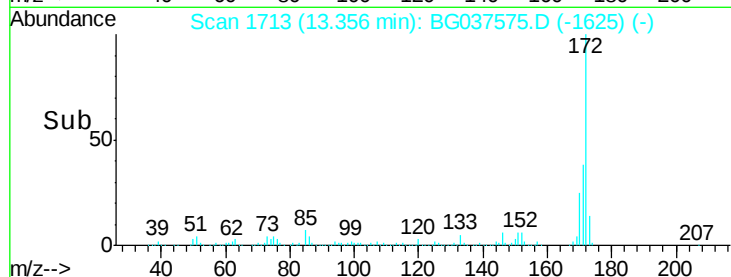
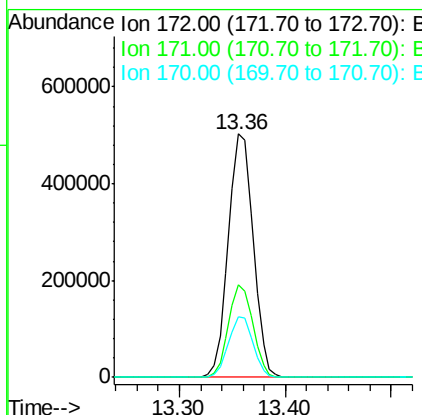
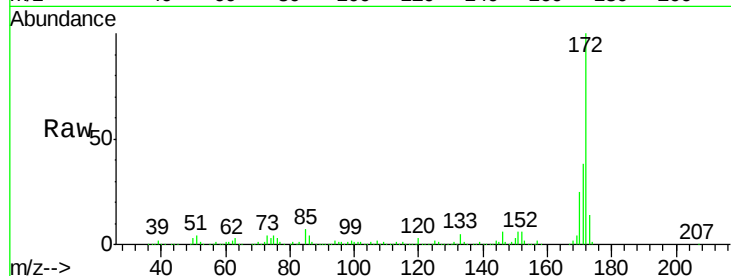




#45
 2-Fluorobiphenyl
 Concen: 78.687 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037575.D
 Acq: 26 Oct 2018 11:18

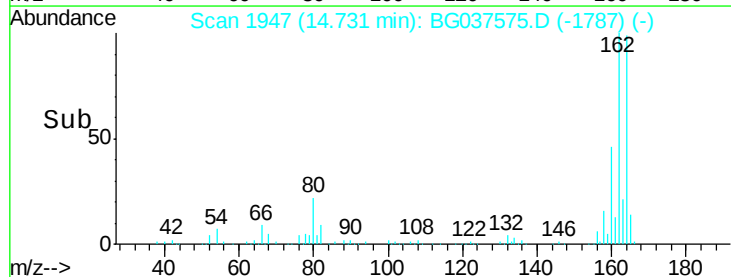
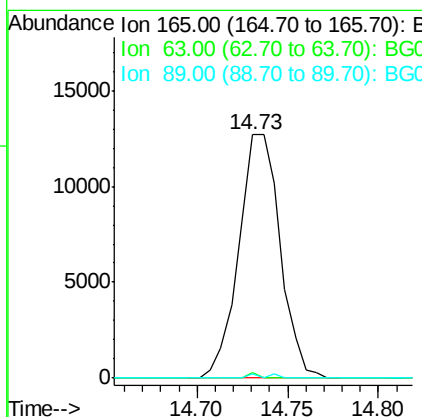
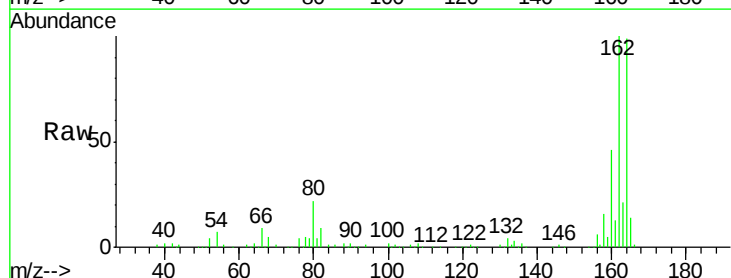
Instrument :
 BNA_G
 ClientSampleId :
 S37-0007

Tgt Ion:172 Resp: 821477
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 24.7 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.492 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037575.D
 Acq: 26 Oct 2018 11:18

Tgt Ion:165 Resp: 20186
 Ion Ratio Lower Upper
 165 100
 63 2.5 43.4 65.2#
 89 1.8 45.8 68.6#

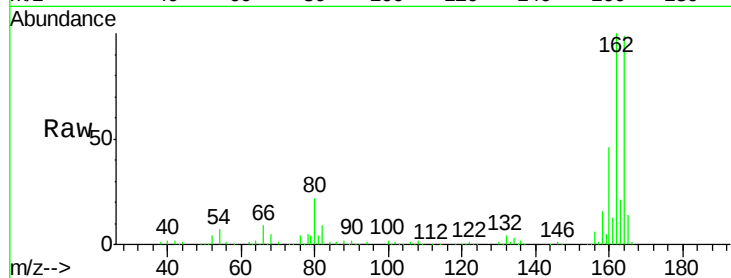




#57
 2,4-Dinitrotoluene
 Concen: 5.708 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037575.D
 Acq: 26 Oct 2018 11:18

Instrument :
 BNA_G
 ClientSampleId :
 S37-0007

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#

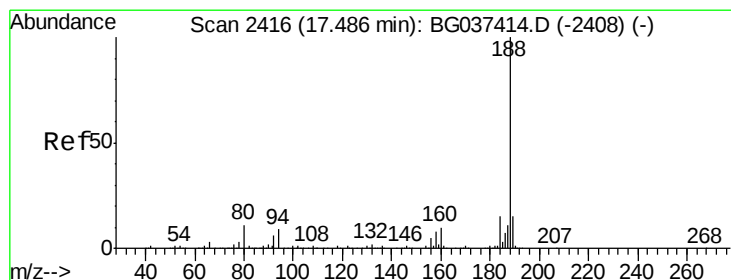
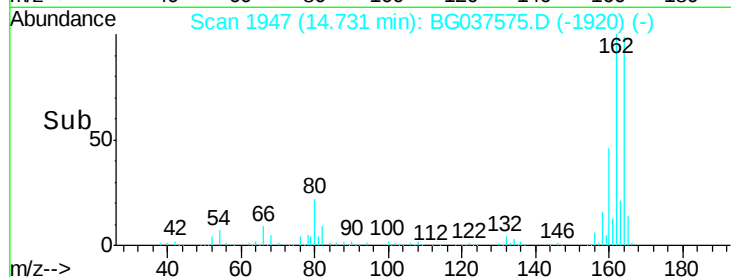
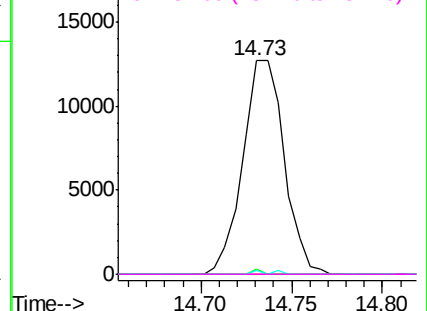


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

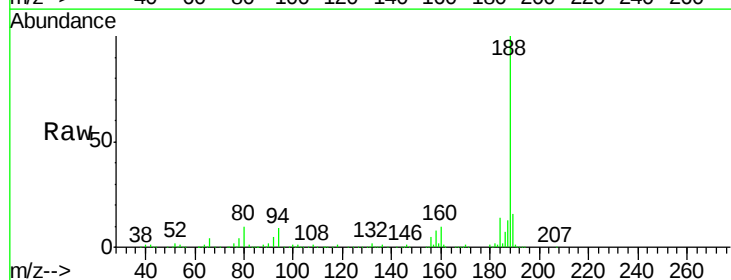
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037575.D
 Acq: 26 Oct 2018 11:18

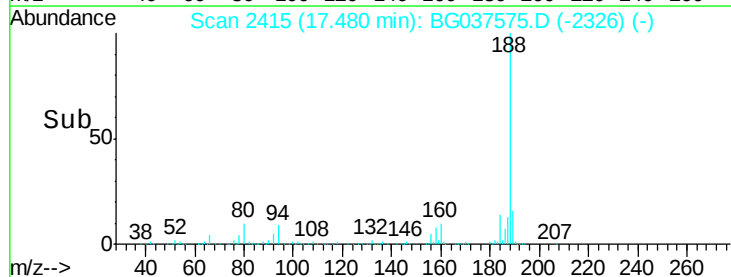
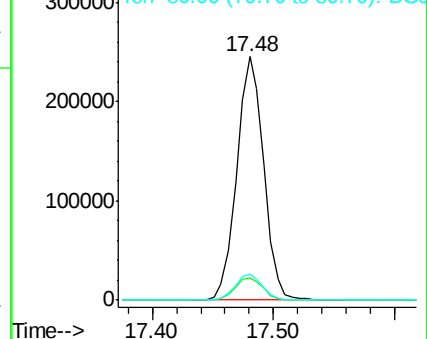
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.4	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

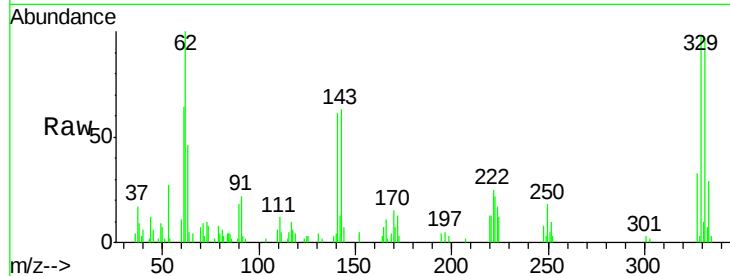




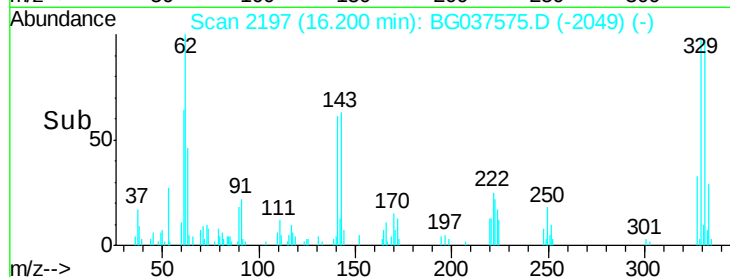
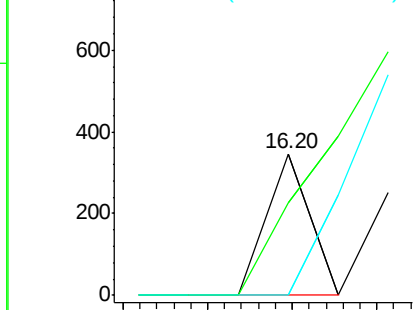
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.558 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. 0.34 min
 Lab File: BG037575.D
 Acq: 26 Oct 2018 11:18

Instrument :
 BNA_G
 ClientSampleId :
 S37-0007

Tgt Ion:198 Resp: 122
 Ion Ratio Lower Upper
 198 100
 51 65.3 22.7 62.7#
 105 0.0 19.7 59.7#

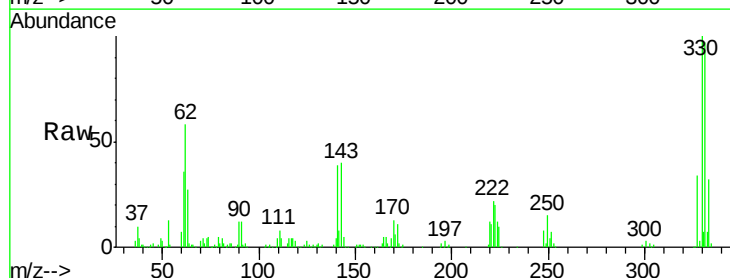


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

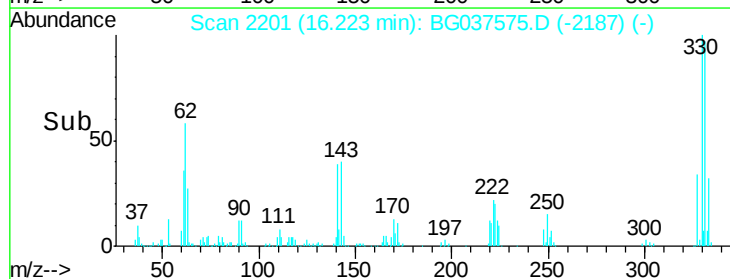
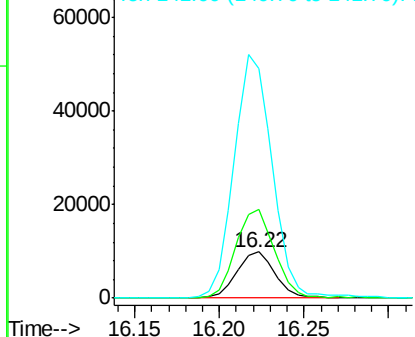


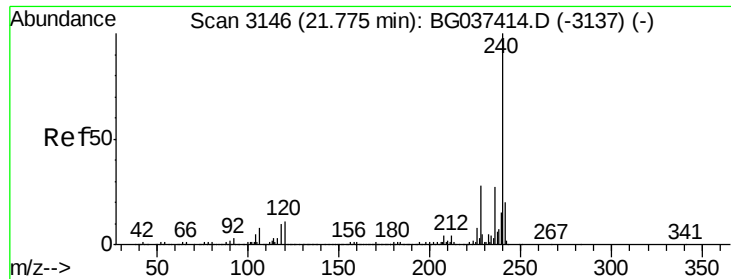
#67
 4-Bromophenyl-phenylether
 Concen: 3.706 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037575.D
 Acq: 26 Oct 2018 11:18

Tgt Ion:248 Resp: 15461
 Ion Ratio Lower Upper
 248 100
 250 191.8 77.0 115.6#
 141 382.1 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

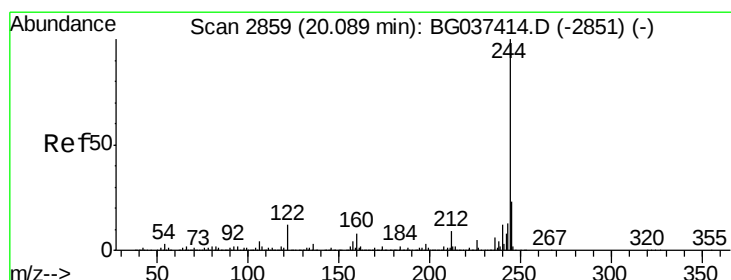
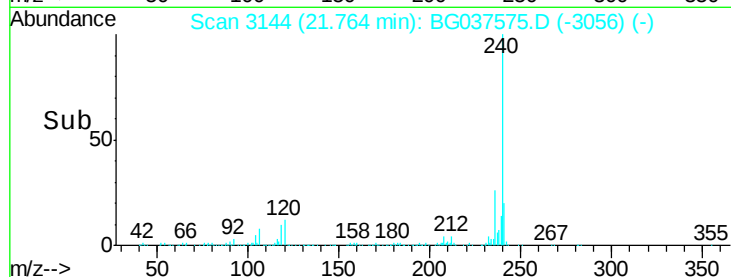
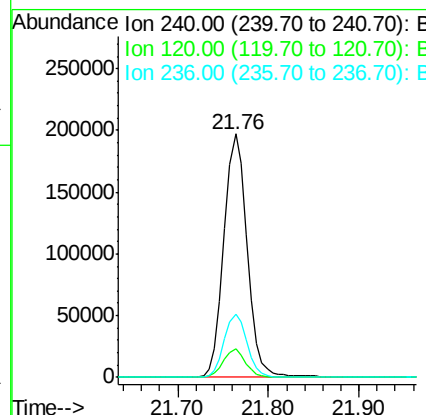
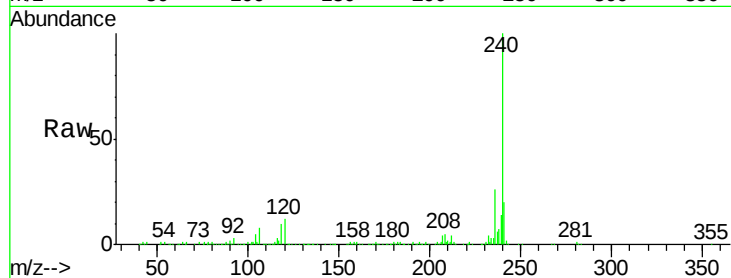




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037575.D
Acq: 26 Oct 2018 11:18

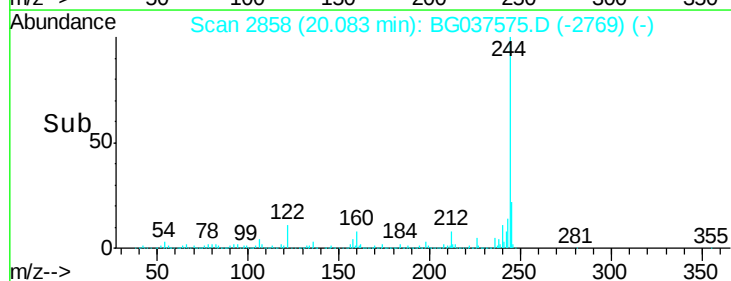
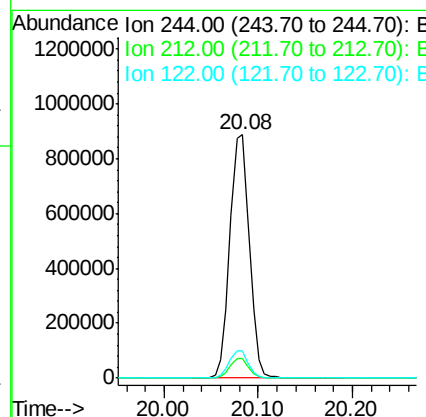
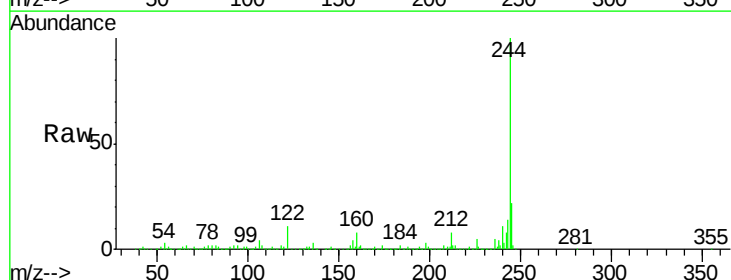
Instrument :
BNA_G
ClientSampled :
S37-0007

Tgt Ion:240 Resp: 352483
Ion Ratio Lower Upper
240 100
120 11.8 8.1 12.1
236 26.2 21.4 32.0



#79
Terphenyl-d14
Concen: 78.021 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037575.D
Acq: 26 Oct 2018 11:18

Tgt Ion:244 Resp: 1287044
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 11.1 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037575.D
Acq: 26 Oct 2018 11:18

Instrument :
BNA_G
ClientSampleId :
S37-0007

Tgt Ion: 264 Resp: 329393
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 22.0 17.9 26.9

