

Data File : BG037783.D
Acq On : 3 Nov 2018 9:44
Operator : JU/SJ
Sample : J5776-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NJ-GREEN

Quant Time: Nov 05 03:54:04 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	60524	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	262968	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	172874	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	375383	20.00	ng	0.00
76) Chrysene-d12	21.77	240	338566	20.00	ng	0.00
87) Perylene-d12	25.10	264	279609	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	372983	103.03	ng	0.00
7) Phenol-d6	7.24	99	488113	89.17	ng	0.00
23) Nitrobenzene-d5	9.27	82	365634	77.89	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	174749	92.68	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	873119	76.16	ng	-0.02
79) Terphenyl-d14	20.08	244	1268007	80.03	ng	0.00

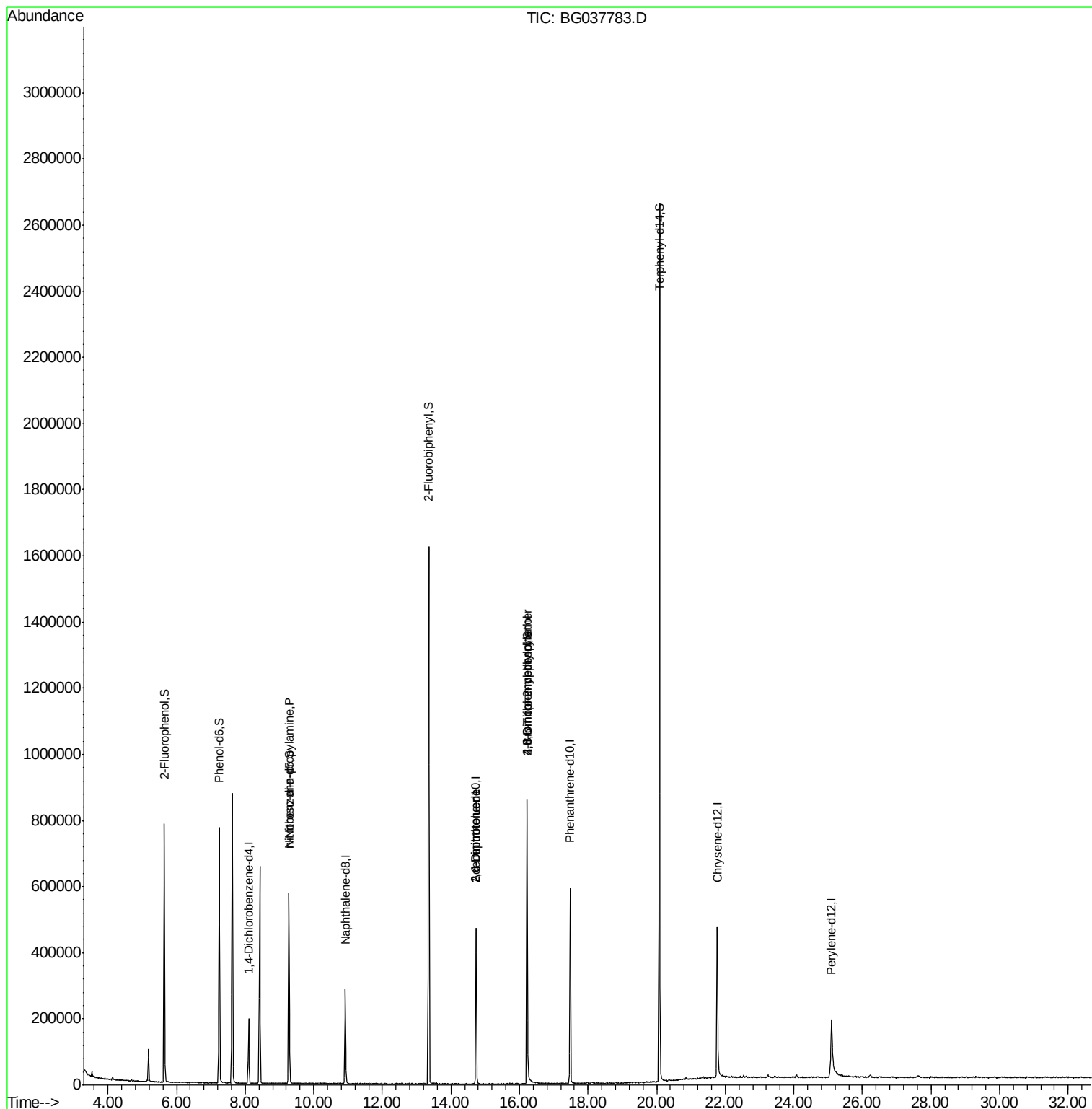
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.27	70	45790	12.147	ng	# 68
51) 2,6-Dinitrotoluene	14.73	165	22644	7.654	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	22644	5.831	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	424	8.685	ng	# 73
67) 4-Bromophenyl-phenylether	16.22	248	12394	3.007	ng	# 1

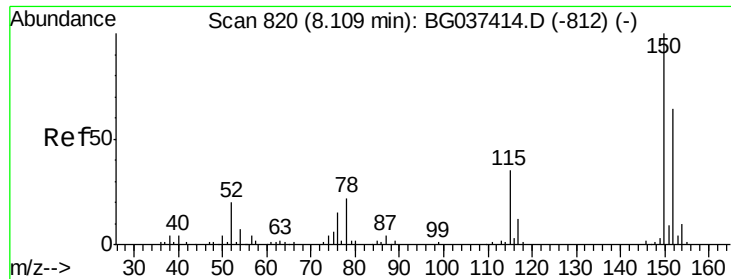
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG037783.D

Acq: 3 Nov 2018 9:44

Instrument :

BNA_G

ClientSampleId :

NJ-GREEN

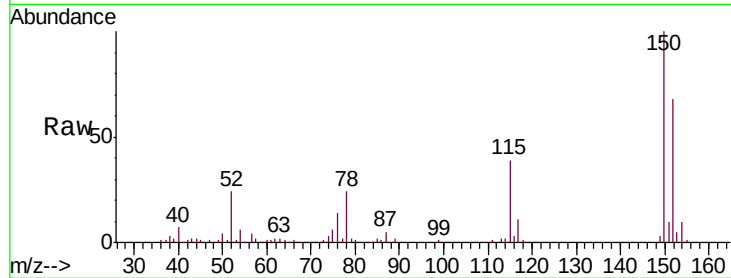
Tgt Ion:152 Resp: 60524

Ion Ratio Lower Upper

152 100

150 147.2 126.0 189.0

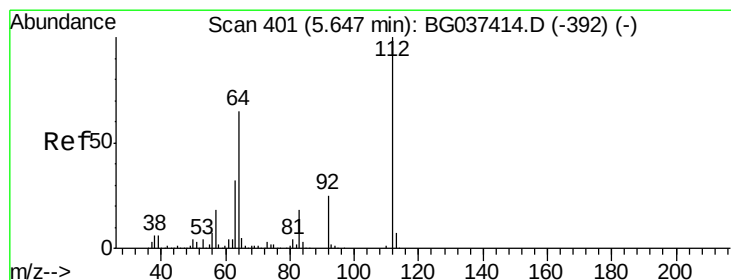
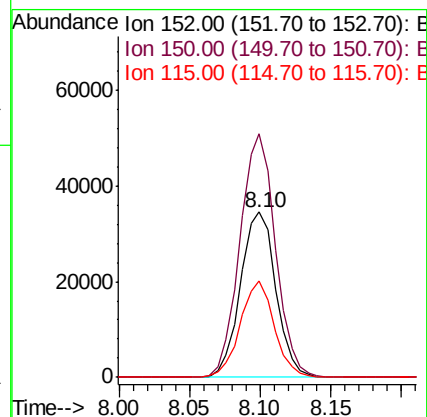
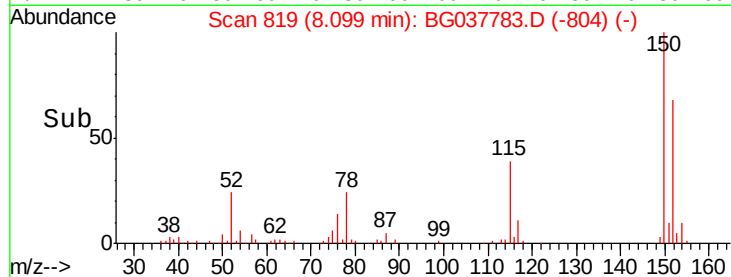
115 57.9 45.5 68.3



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: 103.029 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037783.D

Acq: 3 Nov 2018 9:44

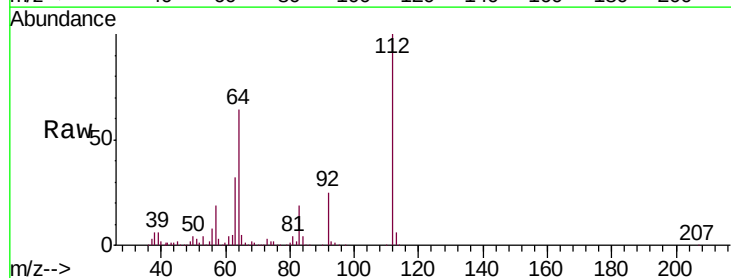
Tgt Ion:112 Resp: 372983

Ion Ratio Lower Upper

112 100

64 64.0 53.1 79.7

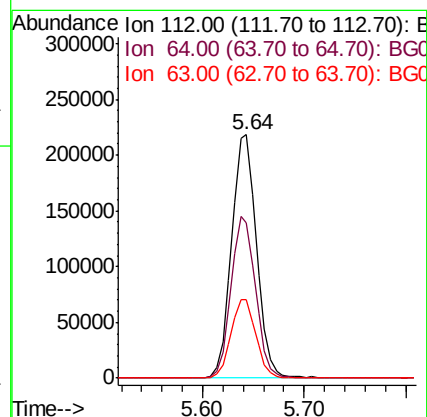
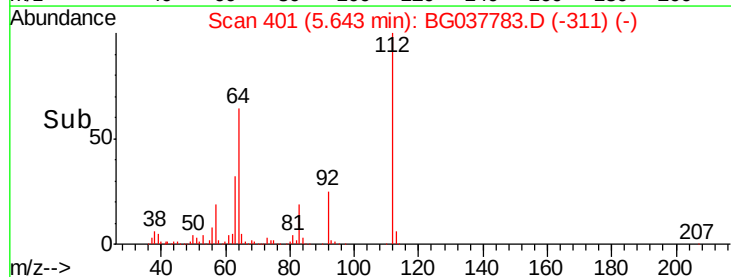
63 32.3 27.3 40.9

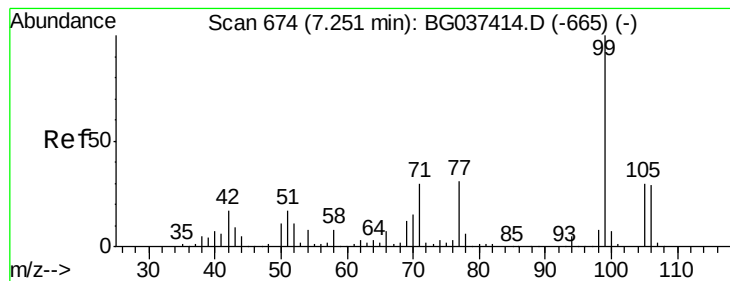


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 89.167 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037783.D

Acq: 3 Nov 2018 9:44

Instrument :

BNA_G

ClientSampleId :

NJ-GREEN

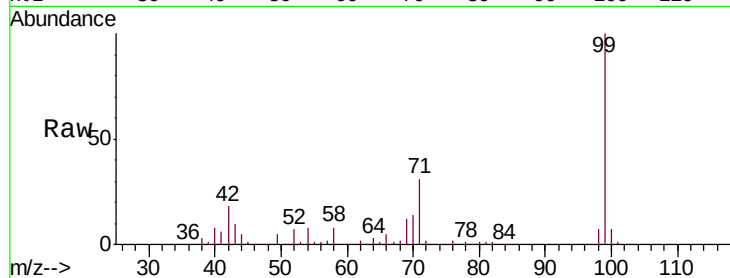
Tgt Ion: 99 Resp: 488113

Ion Ratio Lower Upper

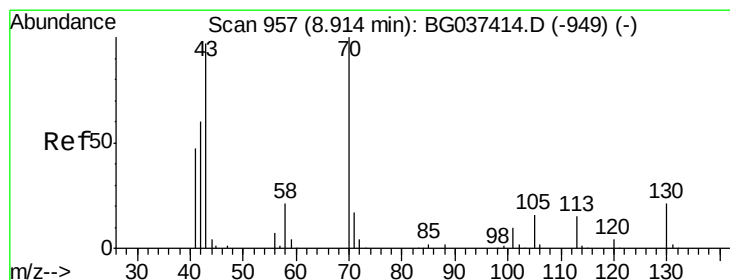
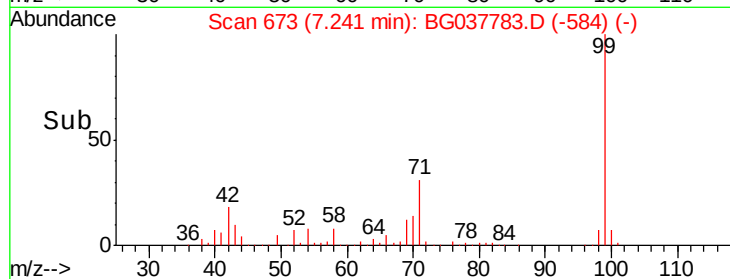
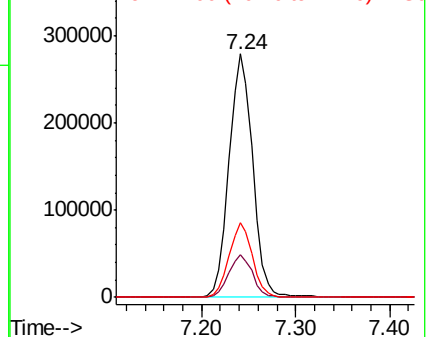
99 100

42 17.6 15.0 22.4

71 30.6 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: 12.147 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037783.D

Acq: 3 Nov 2018 9:44

Tgt Ion: 70 Resp: 45790

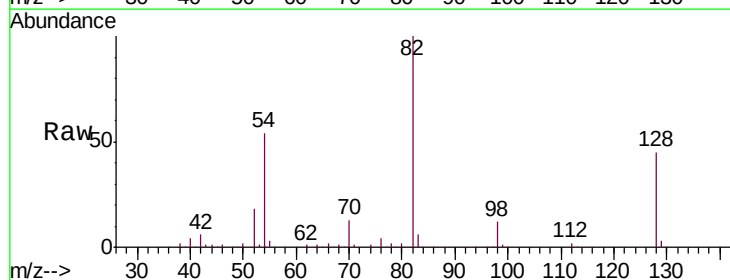
Ion Ratio Lower Upper

70 100

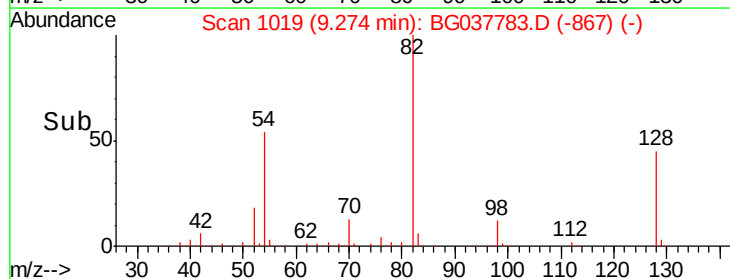
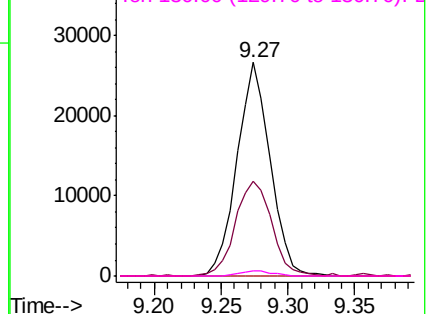
42 44.2 53.9 80.9#

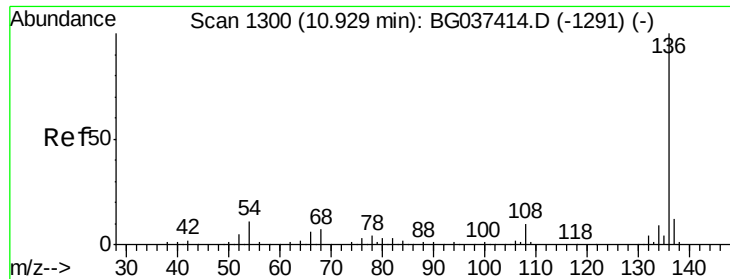
101 0.0 8.2 12.2#

130 2.1 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

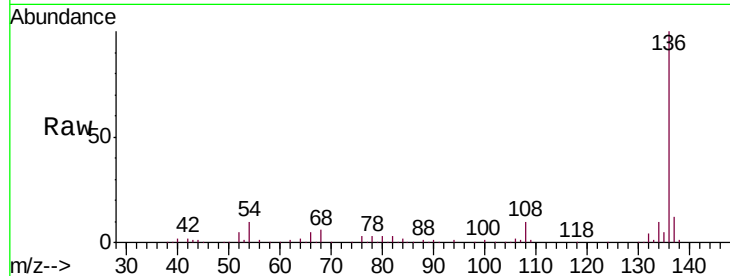




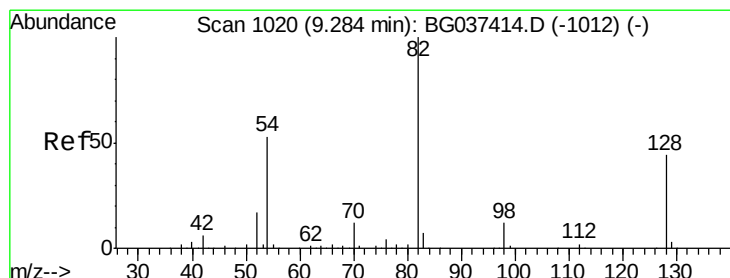
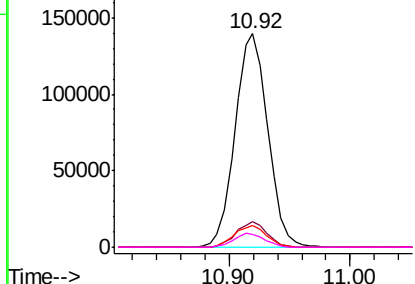
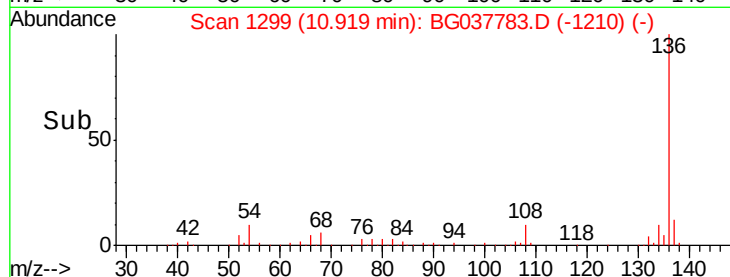
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037783.D
Acq: 3 Nov 2018 9:44

Instrument :
BNA_G
ClientSampleId :
NJ-GREEN

Tgt Ion:	136	Resp:	262968
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.9	7.9	11.9
68	6.1	4.8	7.2

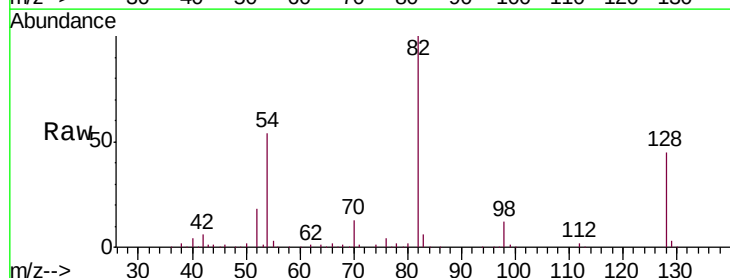


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

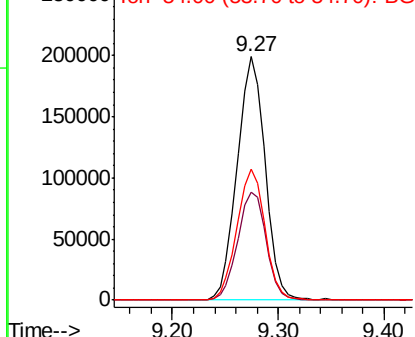
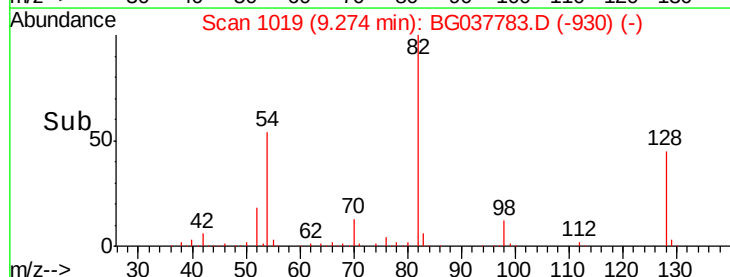


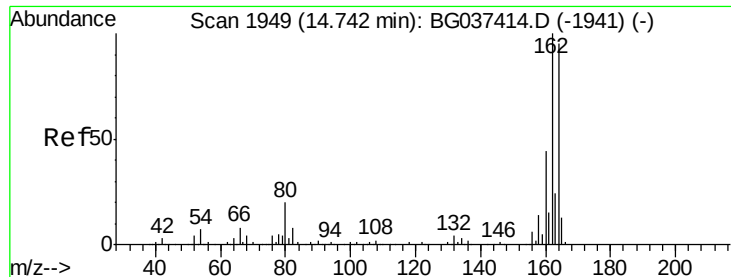
#23
Nitrobenzene-d5
Concen: 77.889 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037783.D
Acq: 3 Nov 2018 9:44

Tgt Ion:	82	Resp:	365634
Ion	Ratio	Lower	Upper
82	100		
128	44.6	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): BGC
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: BG037783.D

Acq: 3 Nov 2018 9:44

Instrument :

BNA_G

ClientSampled :

NJ-GREEN

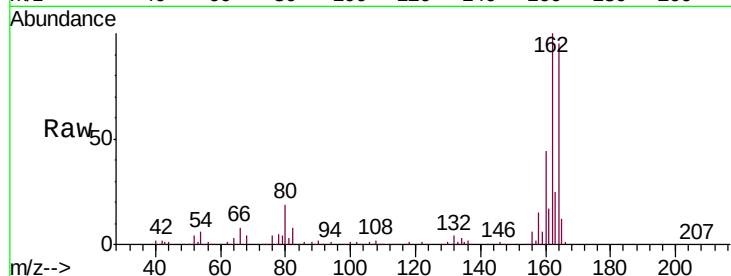
Tgt Ion:164 Resp: 172874

Ion Ratio Lower Upper

164 100

162 104.7 81.3 121.9

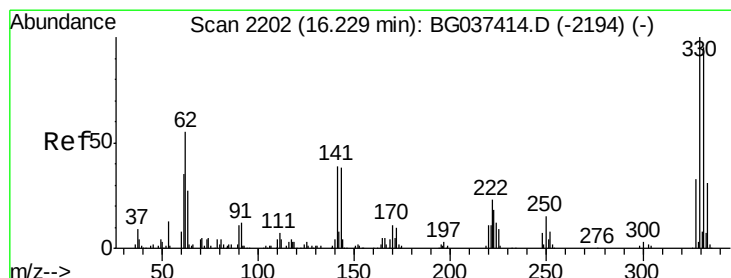
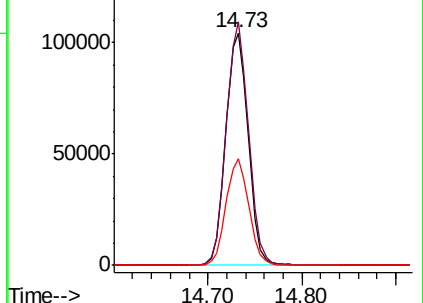
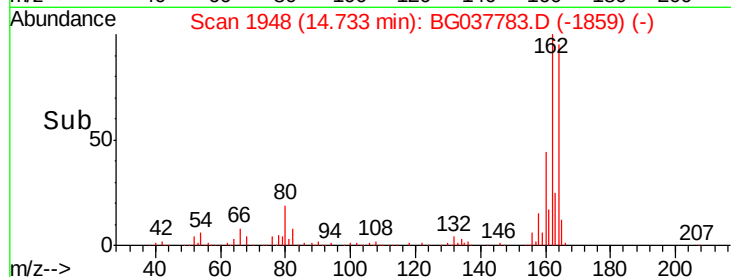
160 45.7 36.3 54.5



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: 92.680 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037783.D

Acq: 3 Nov 2018 9:44

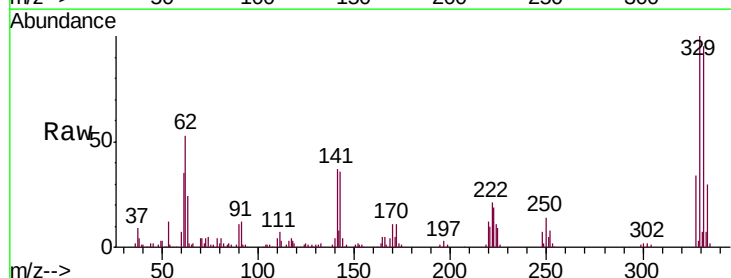
Tgt Ion:330 Resp: 174749

Ion Ratio Lower Upper

330 100

332 95.0 78.4 117.6

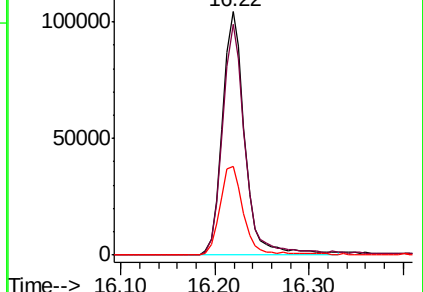
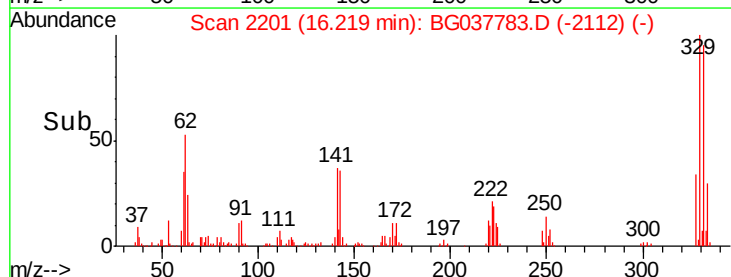
141 38.2 32.2 48.2

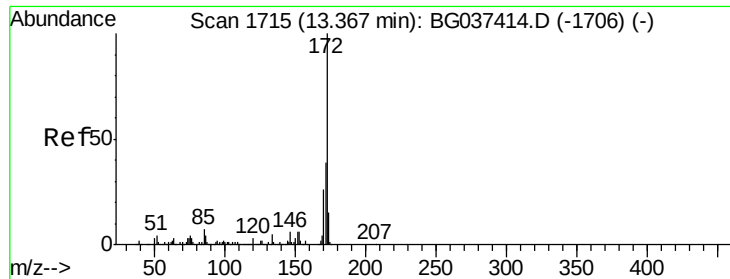


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

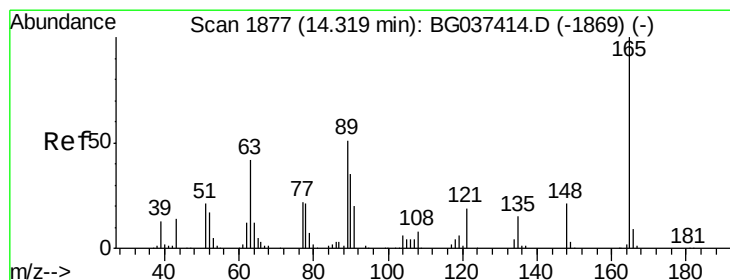
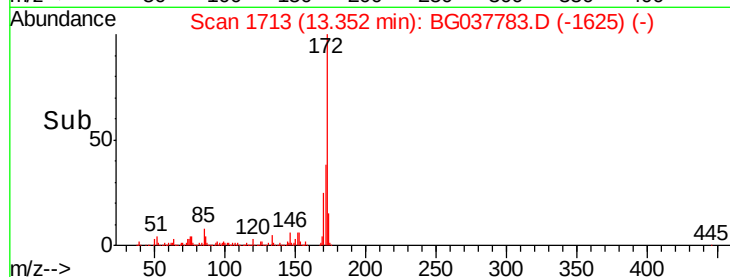
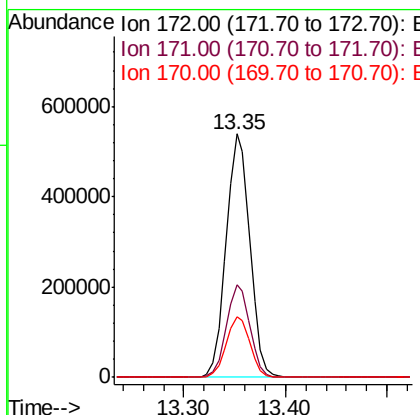
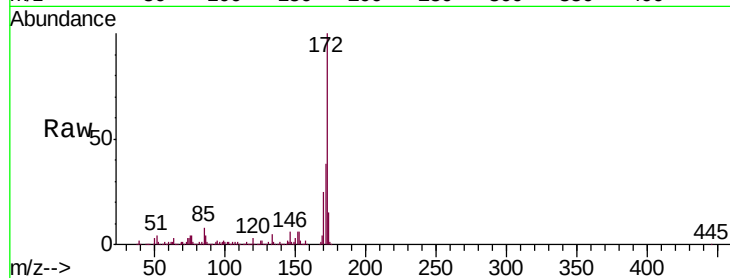




#45
2-Fluorobiphenyl
Concen: 76.160 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BG037783.D
Acq: 3 Nov 2018 9:44

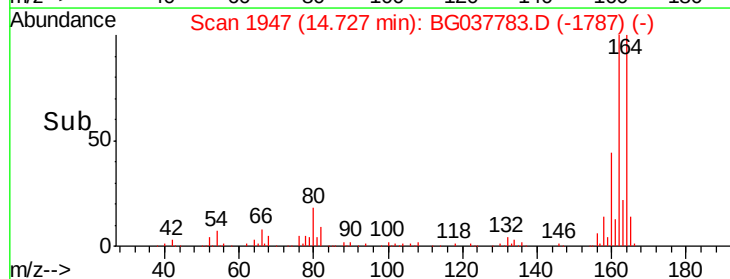
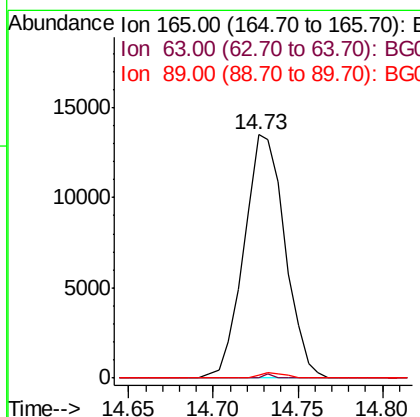
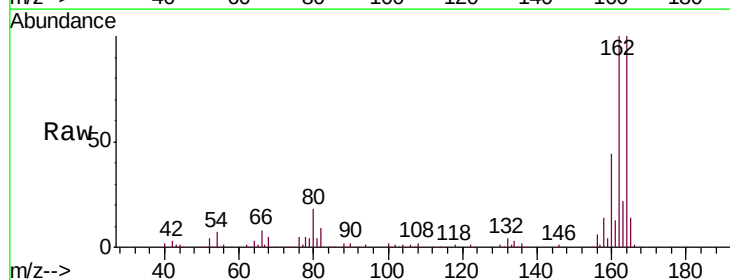
Instrument :
BNA_G
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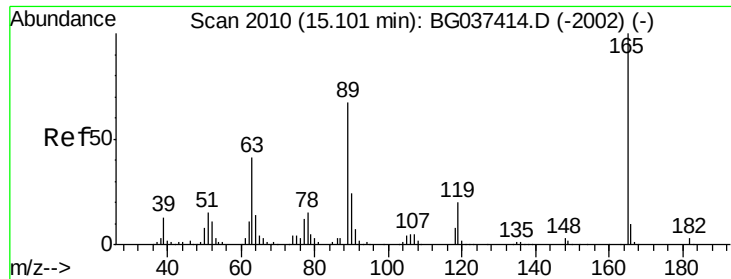
Tgt Ion:172 Resp: 873119
Ion Ratio Lower Upper
172 100
171 38.2 31.0 46.4
170 25.0 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.654 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037783.D
Acq: 3 Nov 2018 9:44

Tgt Ion:165 Resp: 22644
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 1.3 45.8 68.6#

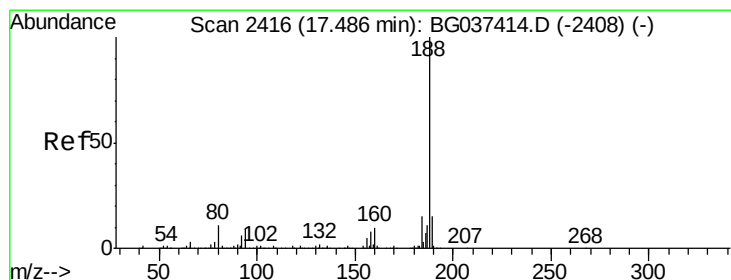
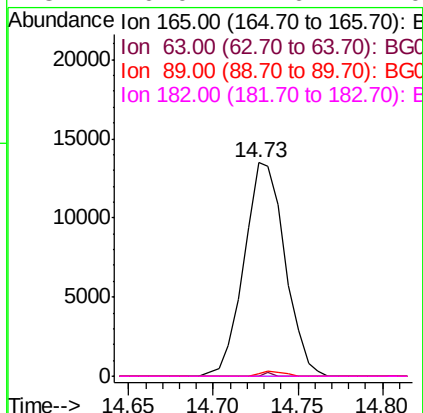
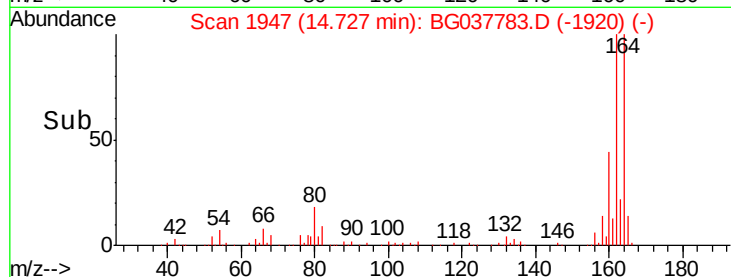
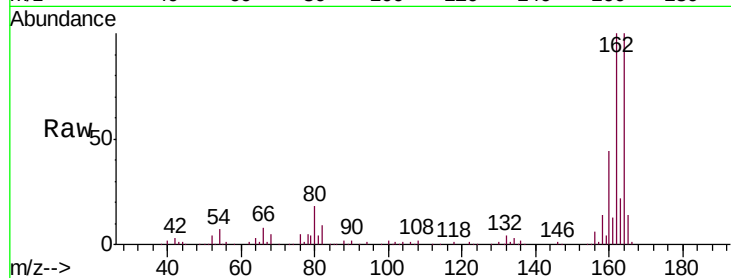




#57
 2,4-Dinitrotoluene
 Concen: 5.831 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037783.D
 Acq: 3 Nov 2018 9:44

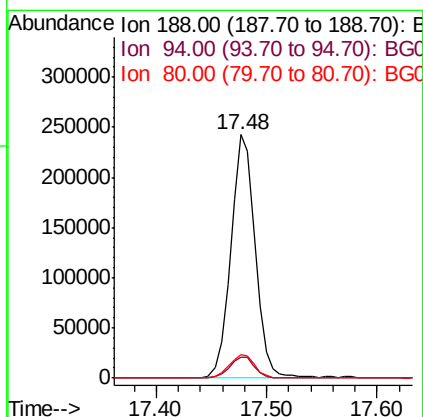
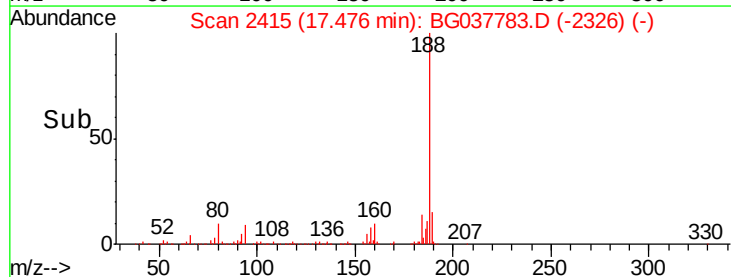
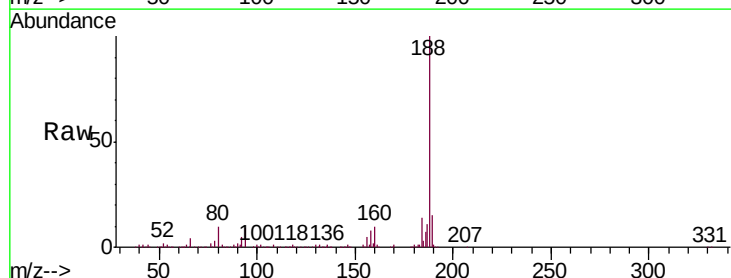
Instrument :
 BNA_G
 ClientSampleId :
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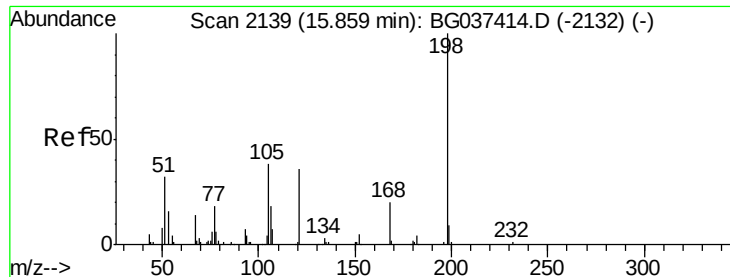
Tgt Ion:	165	Resp:	22644
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.3	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037783.D
 Acq: 3 Nov 2018 9:44

Tgt Ion:	188	Resp:	375383
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.8	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 8.685 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037783.D

Acq: 3 Nov 2018 9:44

Instrument :

BNA_G

ClientSampleId :

NJ-GREEN

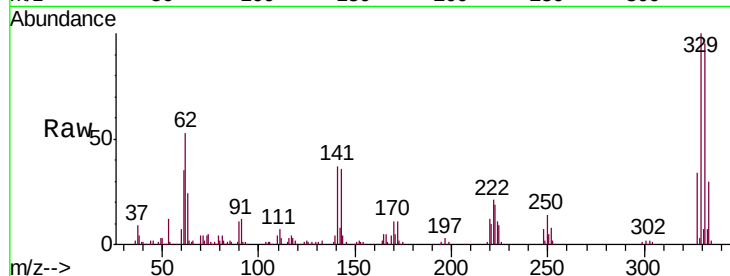
Tgt Ion:198 Resp: 424

Ion Ratio Lower Upper

198 100

51 17.7 22.7 62.7#

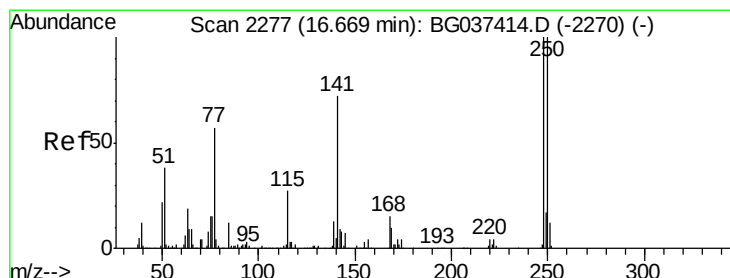
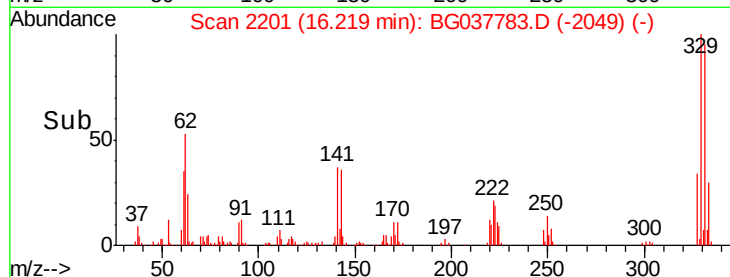
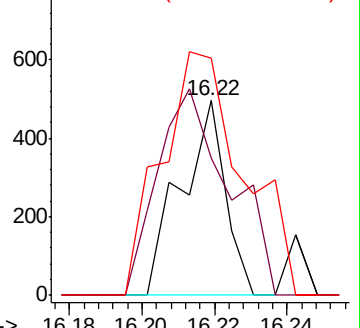
105 30.7 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.007 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037783.D

Acq: 3 Nov 2018 9:44

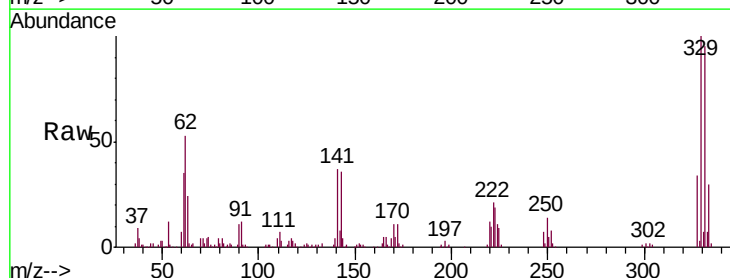
Tgt Ion:248 Resp: 12394

Ion Ratio Lower Upper

248 100

250 193.2 77.0 115.6#

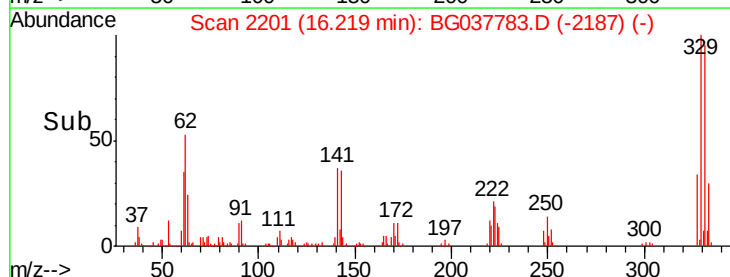
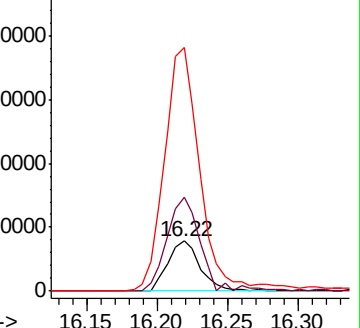
141 380.4 55.5 83.3#

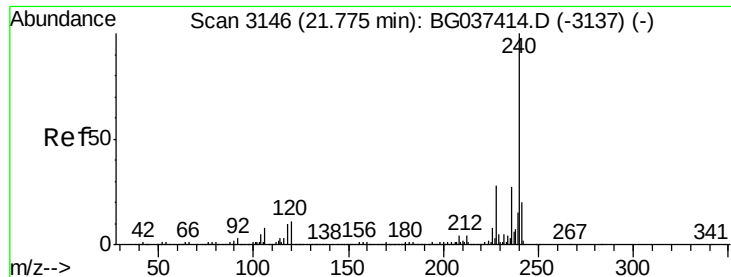


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

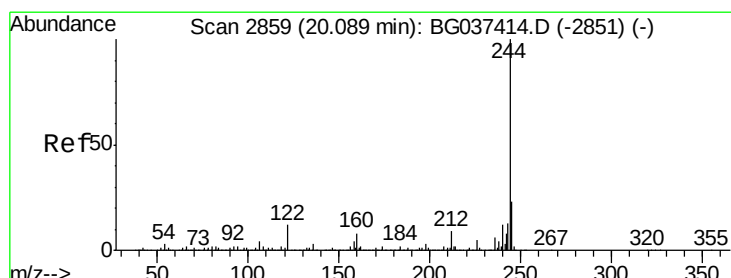
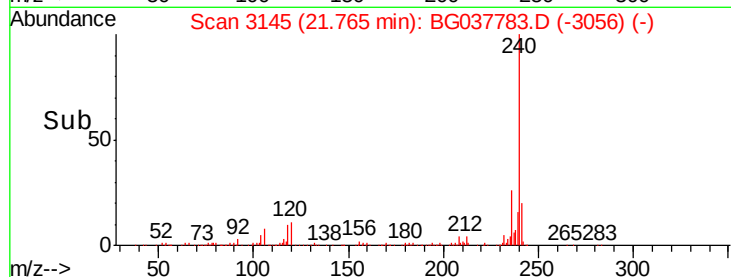
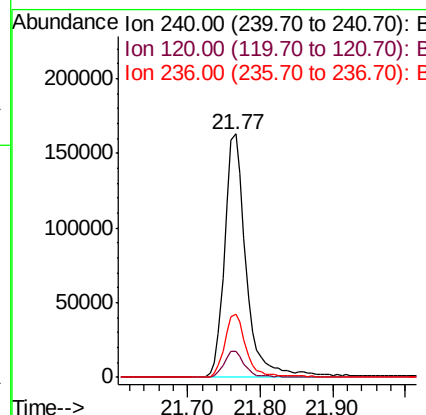
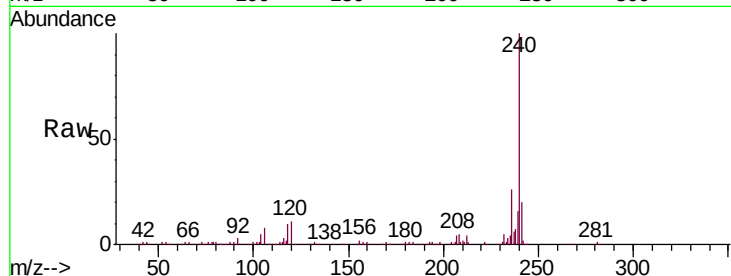




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037783.D
Acq: 3 Nov 2018 9:44

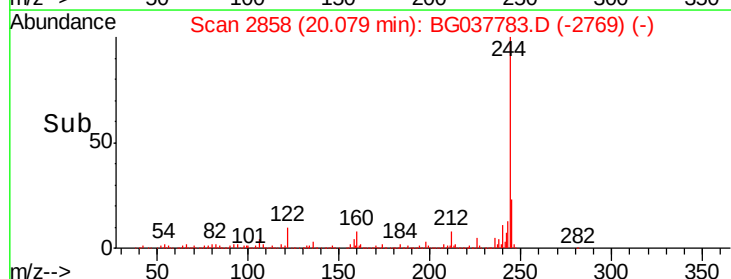
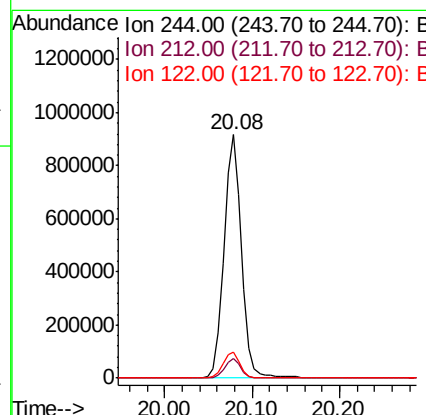
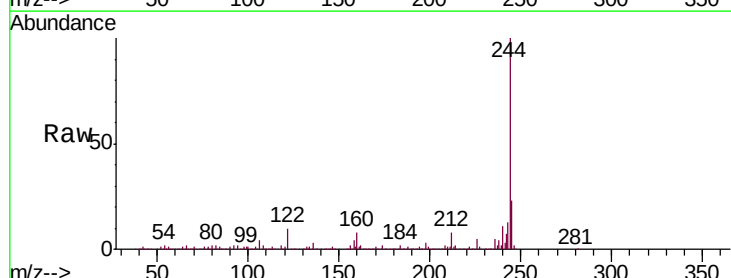
Instrument :
BNA_G
ClientSampleId :
NJ-GREEN

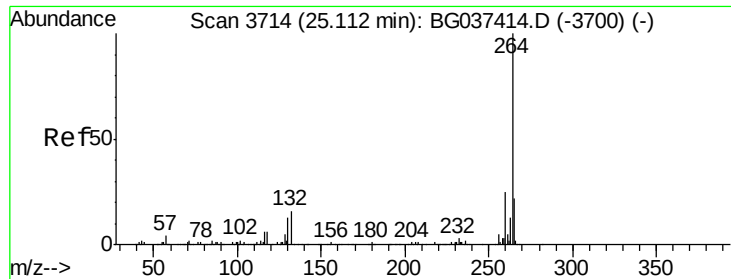
Tgt Ion:240 Resp: 338566
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 25.7 21.4 32.0



#79
Terphenyl-d14
Concen: 80.027 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037783.D
Acq: 3 Nov 2018 9:44

Tgt Ion:244 Resp: 1268007
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 10.5 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037783.D
Acq: 3 Nov 2018 9:44

Instrument :
BNA_G
ClientSampleId :
NJ-GREEN

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.7	17.9	26.9

