

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037757.D
 Acq On : 2 Nov 2018 16:41
 Operator : JU/SJ
 Sample : J5776-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NJ-GREEN

Quant Time: Nov 03 02:28:07 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

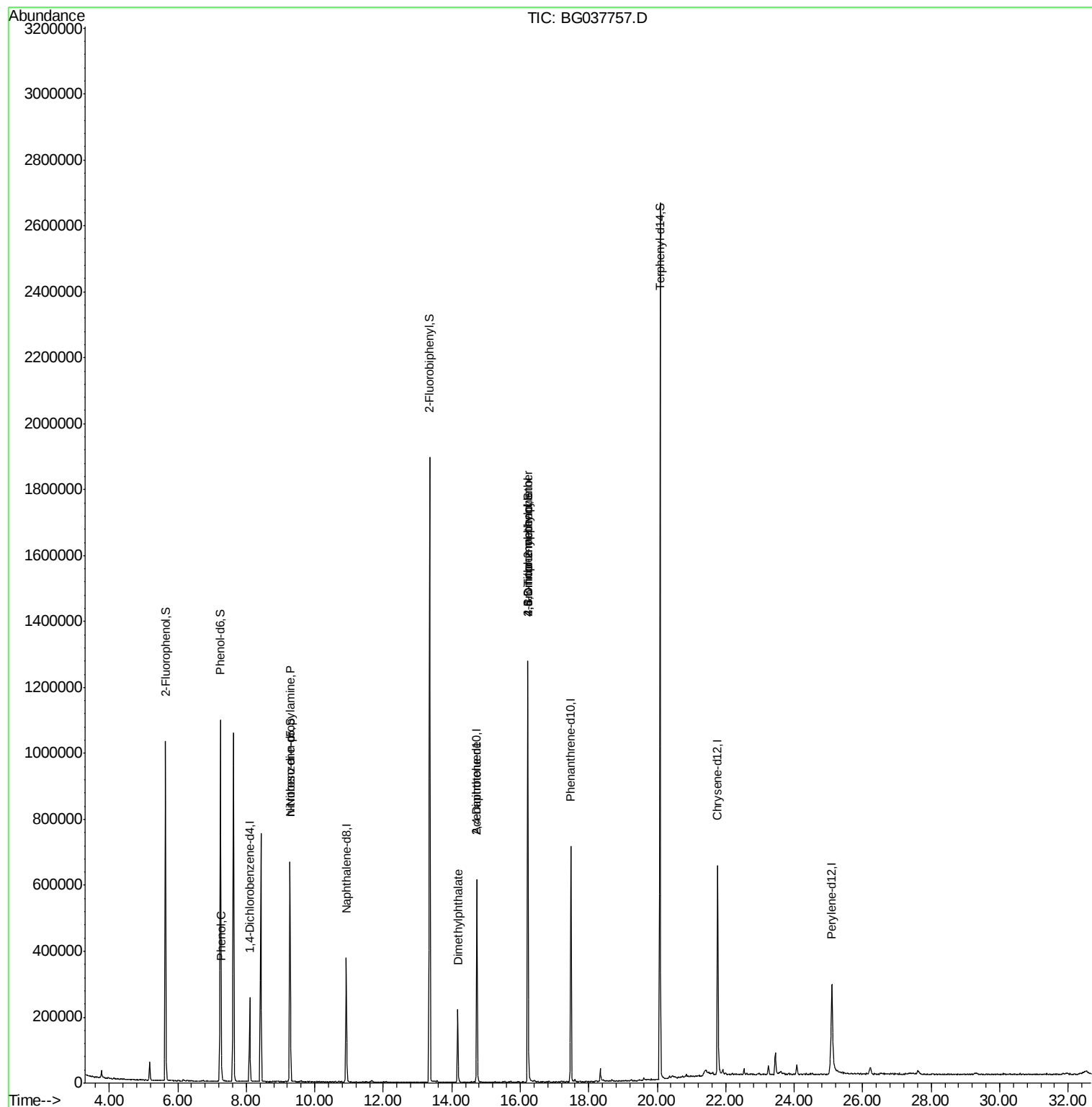
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	77201	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	346705	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	220858	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	481126	20.00	ng	0.00
76) Chrysene-d12	21.76	240	427914	20.00	ng	-0.01
87) Perylene-d12	25.10	264	396589	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	476191	103.12	ng	0.00
7) Phenol-d6	7.24	99	701823	100.51	ng	0.00
23) Nitrobenzene-d5	9.28	82	424749	68.63	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	244256	101.40	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1037355	70.83	ng	-0.01
79) Terphenyl-d14	20.08	244	1358269	67.82	ng	0.00
Target Compounds						
10) Phenol	7.27	94	44463	6.035	ng	98
19) n-Nitroso-di-n-propylamine	9.28	70	54691	11.374	ng	# 68
50) Dimethylphthalate	14.18	163	156931	9.185	ng	98
57) 2,4-Dinitrotoluene	14.73	165	28341	5.712	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.22	198	593	8.701	ng	83
67) 4-Bromophenyl-phenylether	16.22	248	17867	3.382	ng	# 1

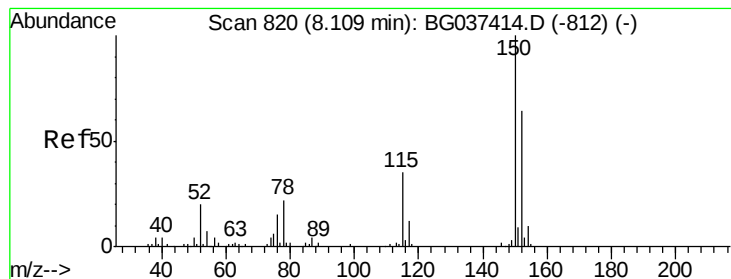
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037757.D

Acq: 2 Nov 2018 16:41

Instrument :

BNA_G

ClientSampleId :

NJ-GREEN

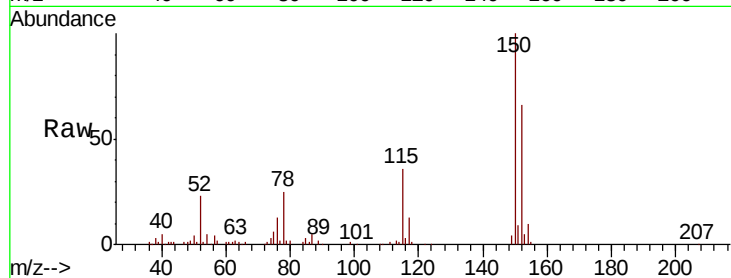
Tot Ion:152 Resp: 77201

Ion Ratio Lower Upper

152 100

150 151.5 126.0 189.0

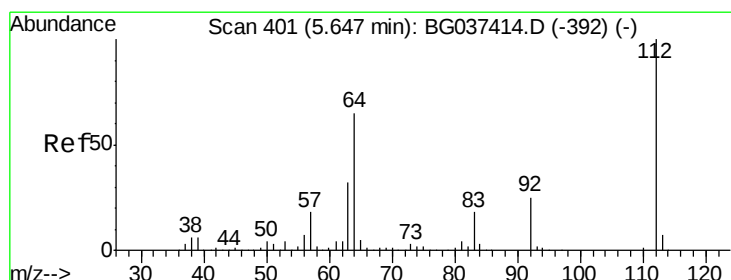
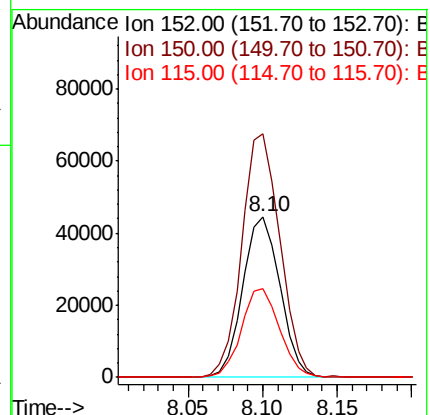
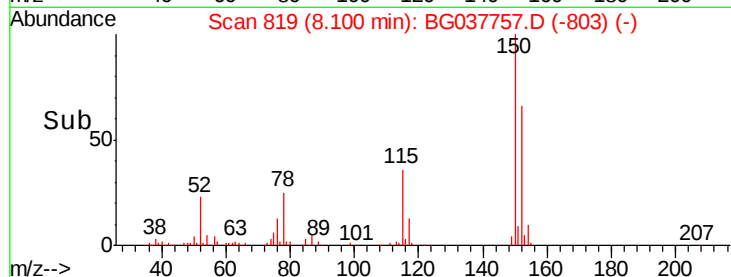
115 55.1 45.5 68.3



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: 103.123 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037757.D

Acq: 2 Nov 2018 16:41

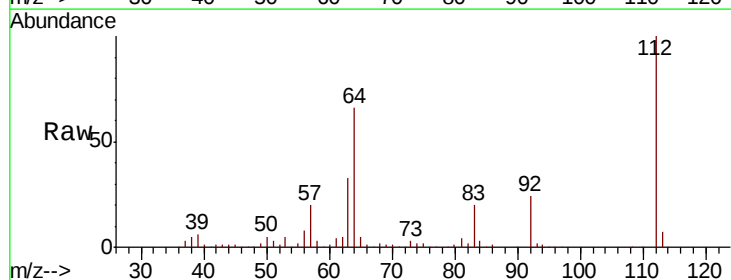
Tgt Ion:112 Resp: 476191

Ion Ratio Lower Upper

112 100

64 66.4 53.1 79.7

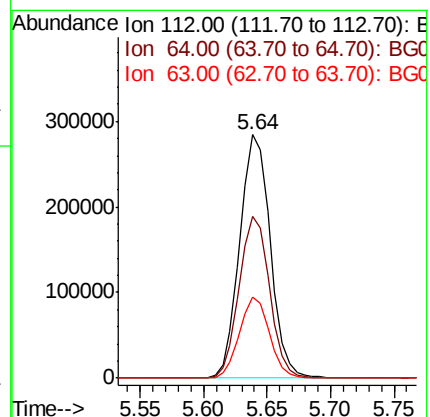
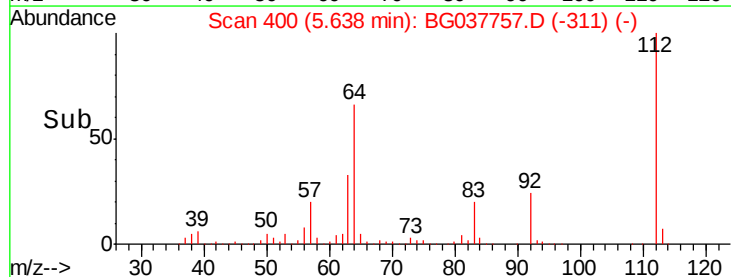
63 33.3 27.3 40.9

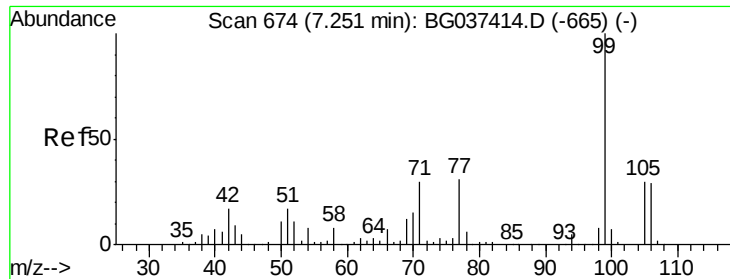


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.511 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037757.D

Acq: 2 Nov 2018 16:41

Instrument :

BNA_G

ClientSampleId :

NJ-GREEN

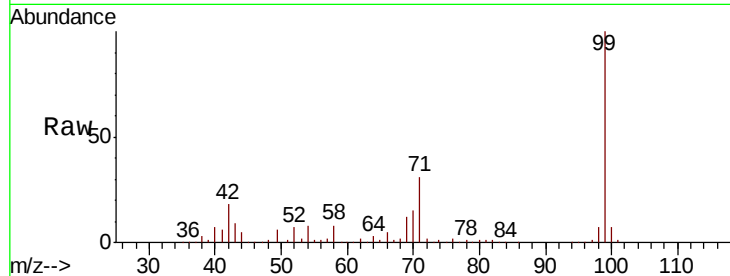
Tot Ion: 99 Resp: 701823

Ion Ratio Lower Upper

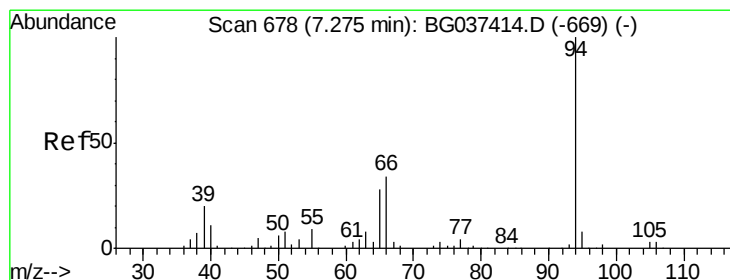
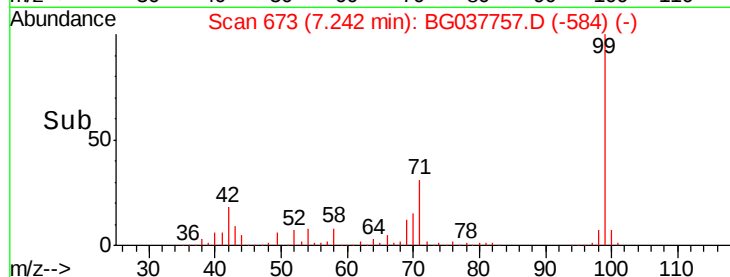
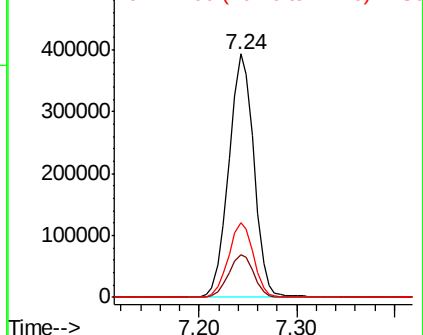
99 100

42 17.5 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



#10

Phenol

Concen: 6.035 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037757.D

Acq: 2 Nov 2018 16:41

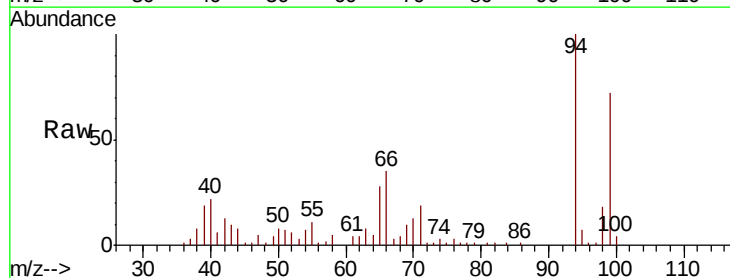
Tgt Ion: 94 Resp: 44463

Ion Ratio Lower Upper

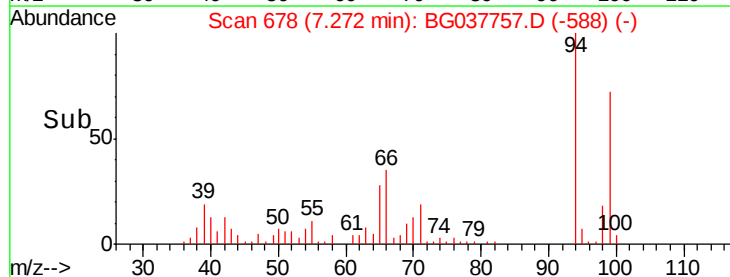
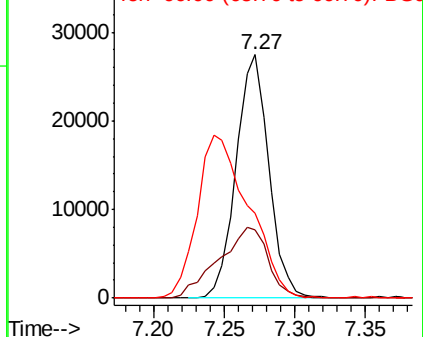
94 100

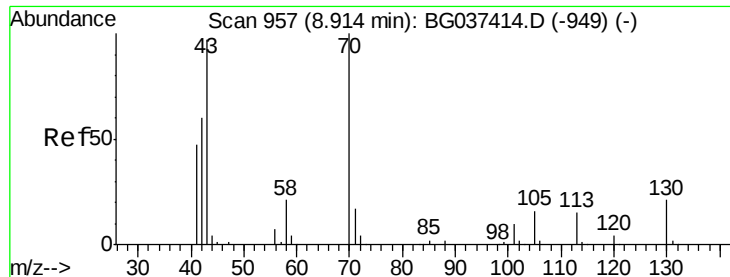
65 28.3 9.7 49.7

66 34.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

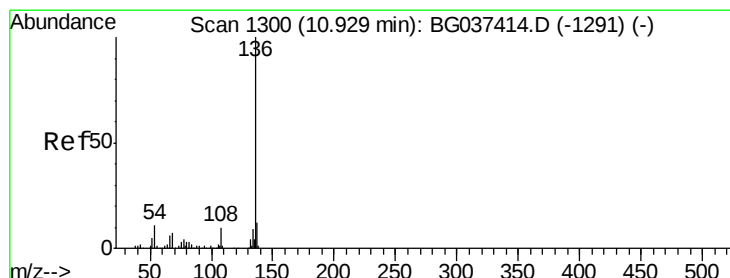
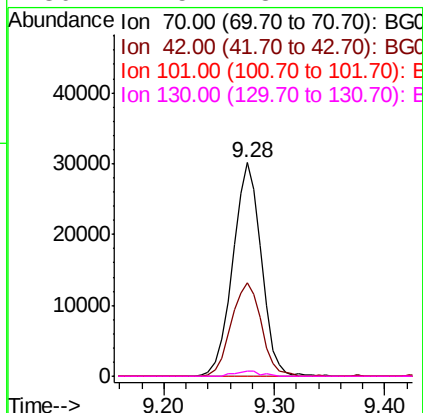
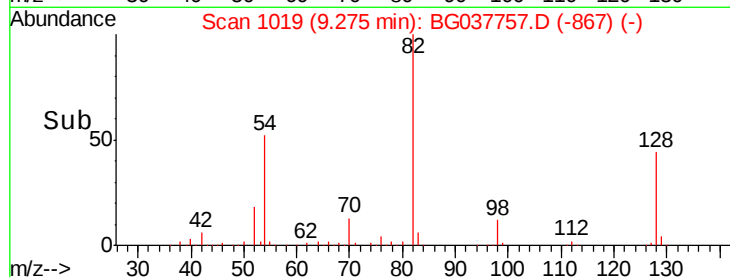
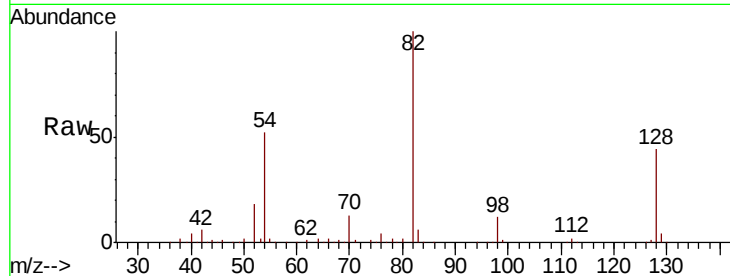




#19
n-Nitroso-di-n-propylamine
Concen: 11.374 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037757.D
Acq: 2 Nov 2018 16:41

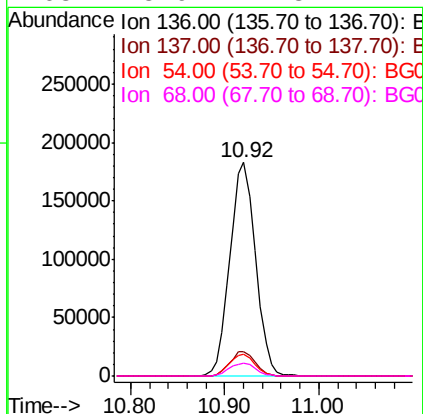
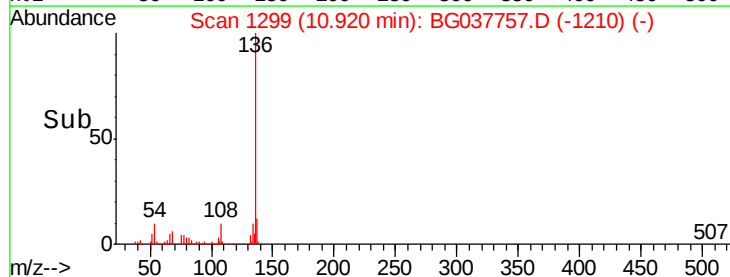
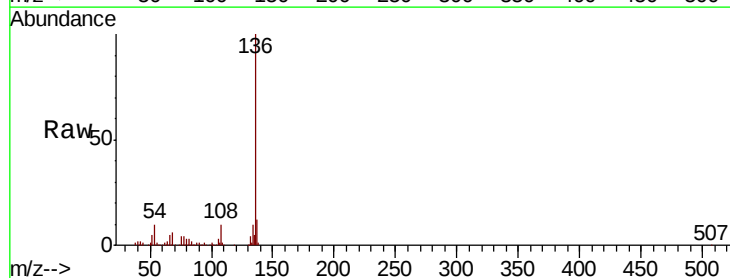
Instrument :
BNA_G
ClientSampleId :
NJ-GREEN

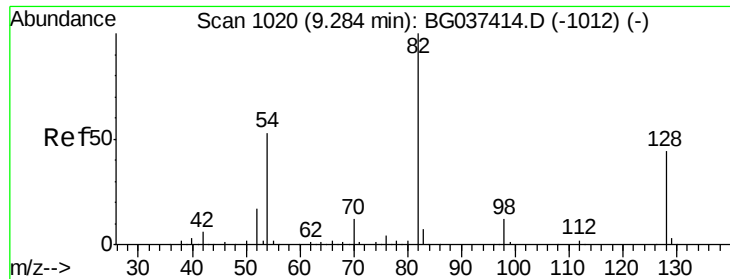
Tot Ion: 70 Resp: 54691
Ion Ratio Lower Upper
70 100
42 43.6 53.9 80.9#
101 0.0 8.2 12.2#
130 2.5 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037757.D
Acq: 2 Nov 2018 16:41

Tgt Ion:136 Resp: 346705
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 10.1 7.9 11.9
68 5.9 4.8 7.2

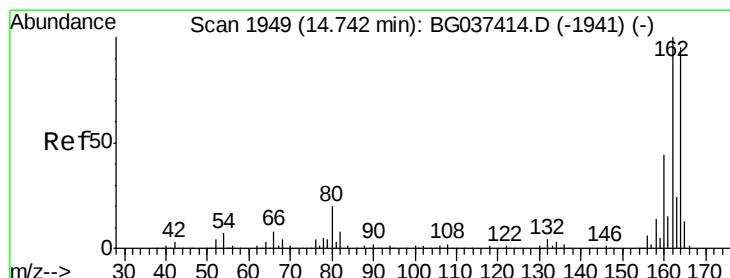
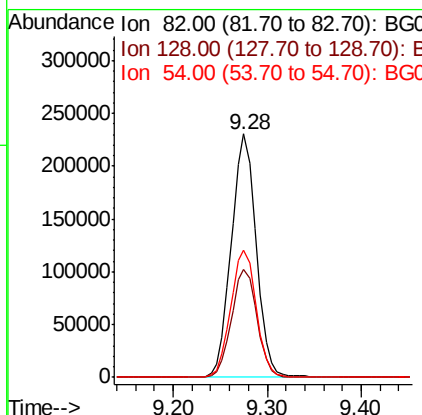
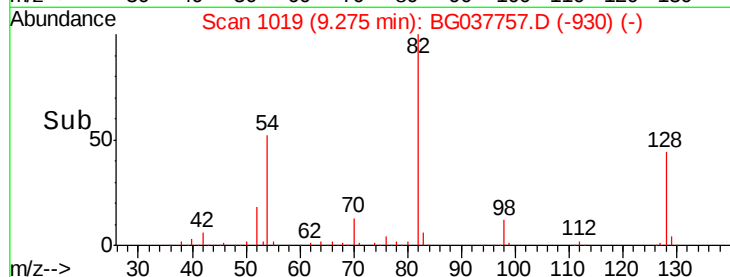
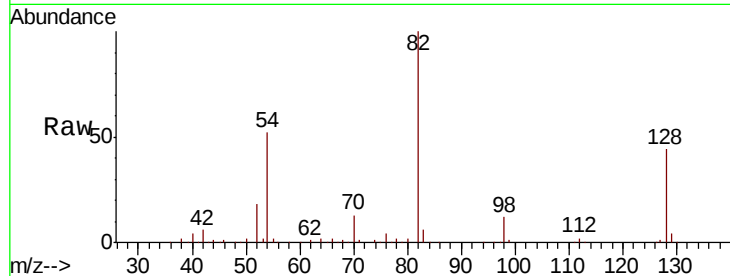




#23
Nitrobenzene-d5
Concen: 68.629 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037757.D
Acq: 2 Nov 2018 16:41

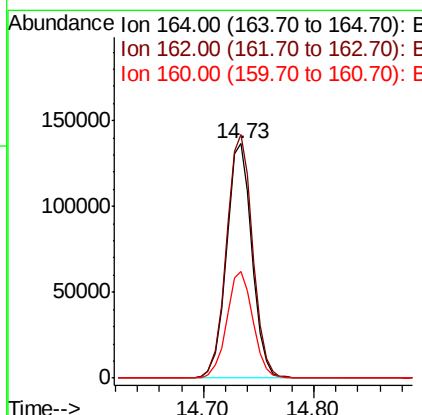
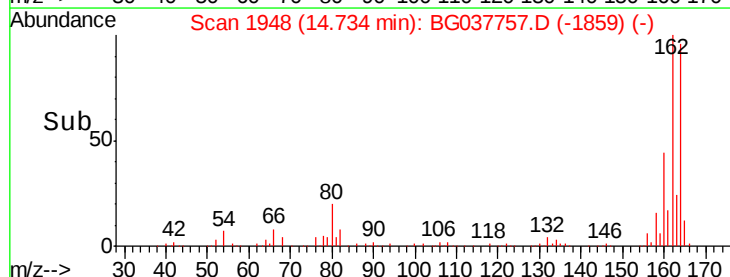
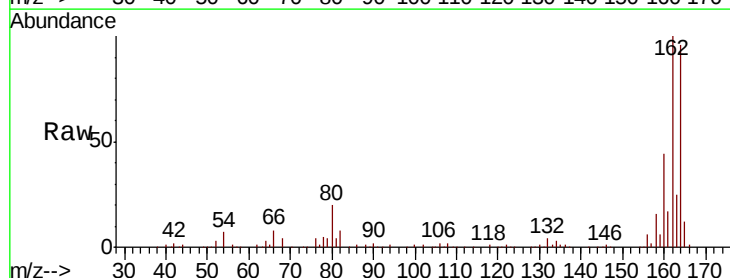
Instrument :
BNA_G
ClientSampleId :
NJ-GREEN

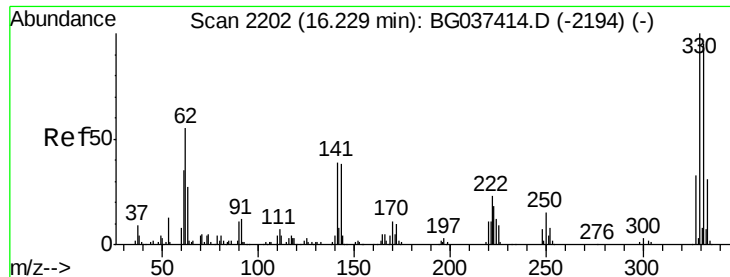
Tot Ion: 82 Resp: 424749
Ion Ratio Lower Upper
82 100
128 44.3 34.6 51.8
54 52.1 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037757.D
Acq: 2 Nov 2018 16:41

Tgt Ion:164 Resp: 220858
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 45.3 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 101.398 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037757.D

Acq: 2 Nov 2018 16:41

Instrument :

BNA_G

ClientSampleId :

NJ-GREEN

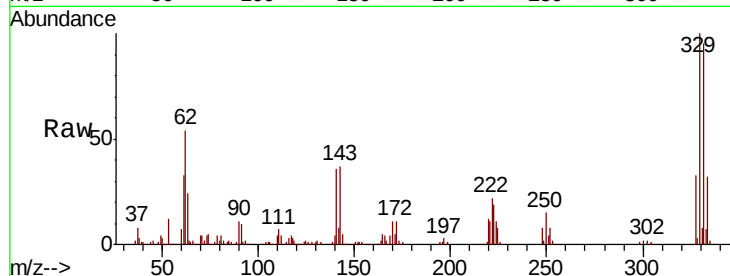
Tot Ion:330 Resp: 244256

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

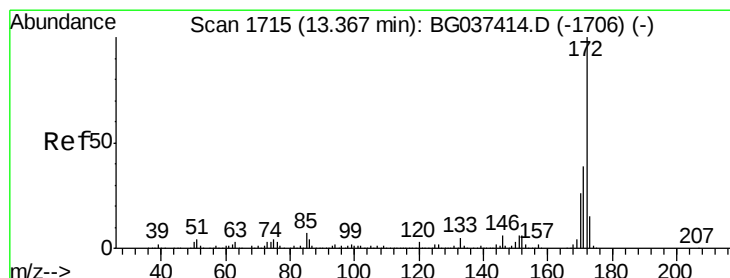
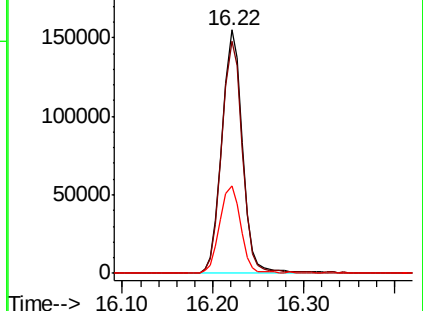
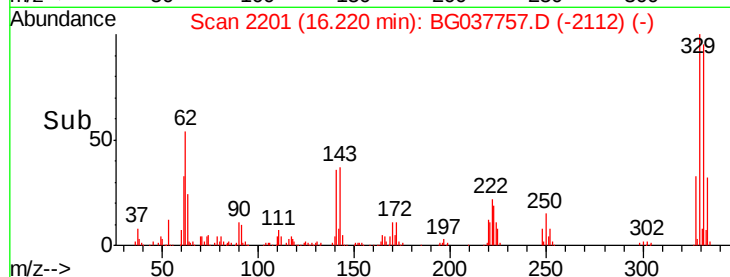
141 36.7 32.2 48.2



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: 70.827 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037757.D

Acq: 2 Nov 2018 16:41

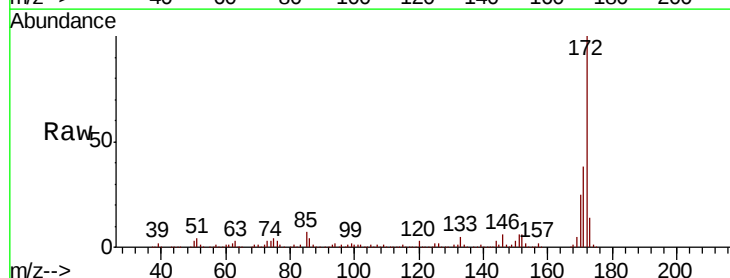
Tgt Ion:172 Resp: 1037355

Ion Ratio Lower Upper

172 100

171 38.1 31.0 46.4

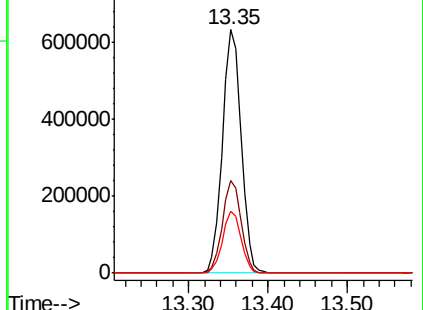
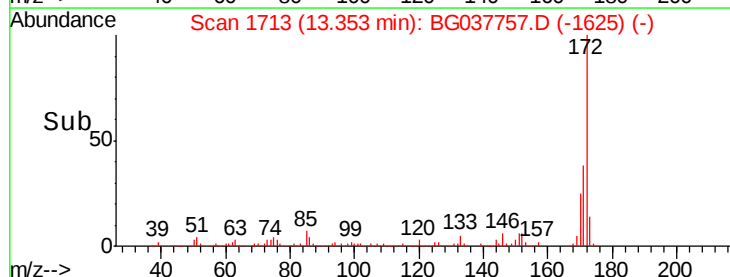
170 25.4 20.2 30.2

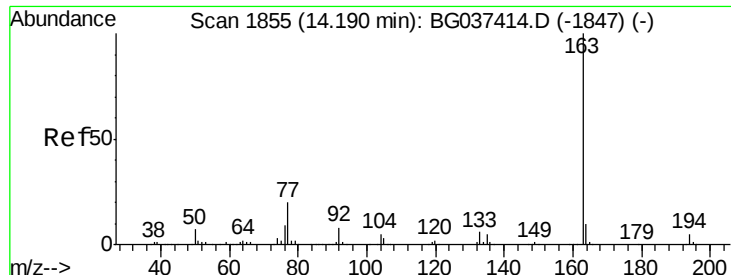


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.185 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037757.D

Acq: 2 Nov 2018 16:41

Instrument :

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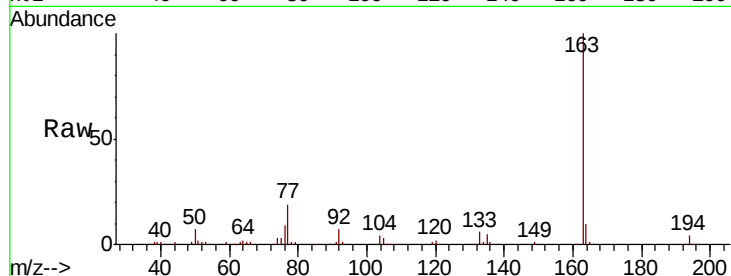
Tot Ion:163 Resp: 156931

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 9.7 8.5 12.7

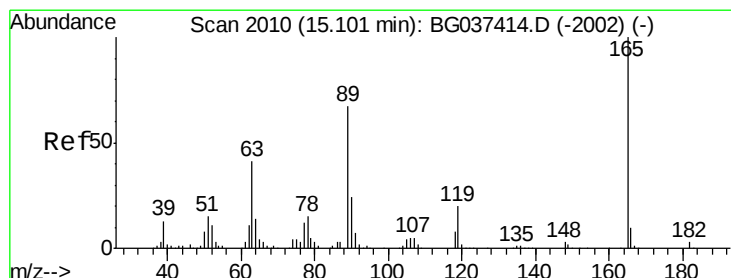
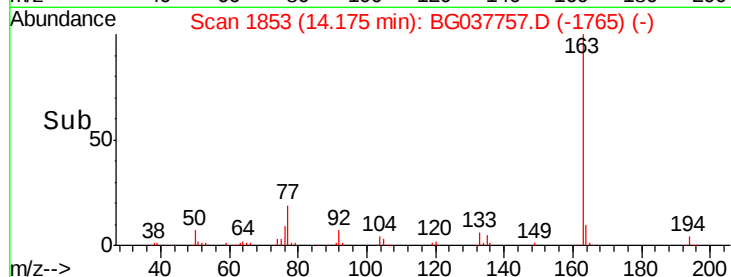
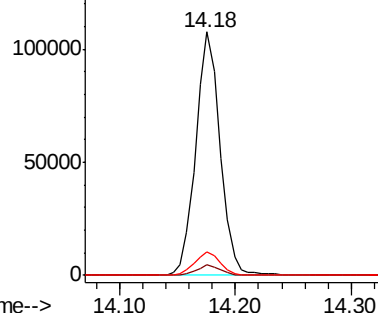


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.712 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.37 min

Lab File: BG037757.D

Acq: 2 Nov 2018 16:41

Tgt Ion:165 Resp: 28341

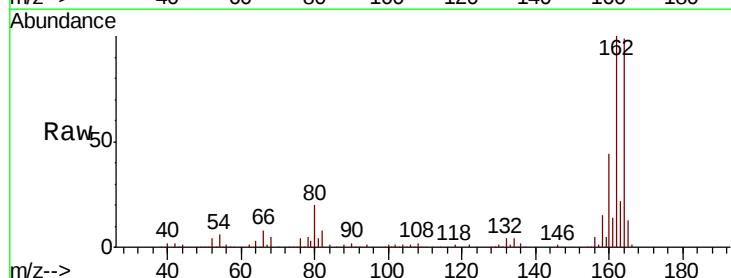
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#



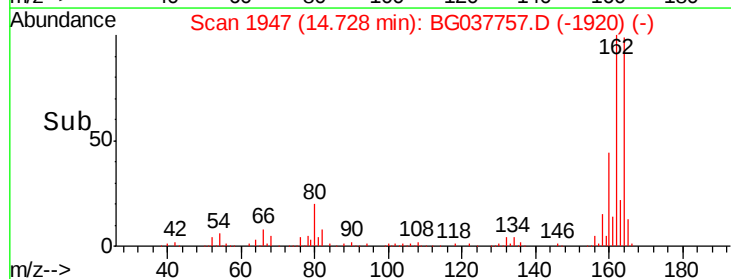
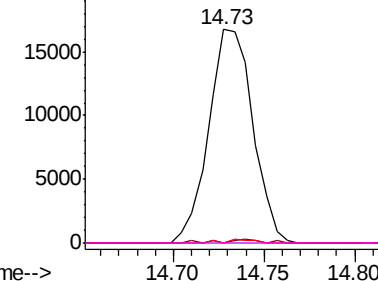
Abundance

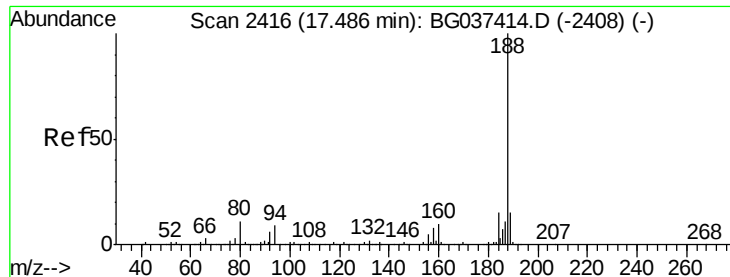
Ion 165.00 (164.70 to 165.70): E

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

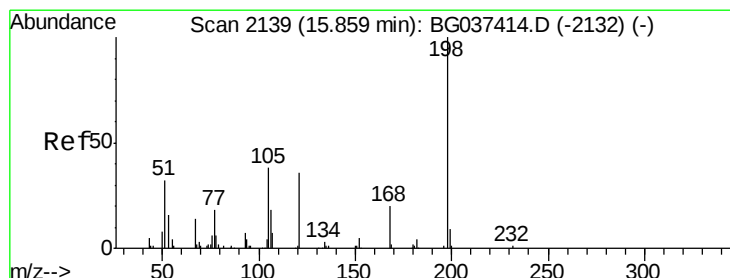
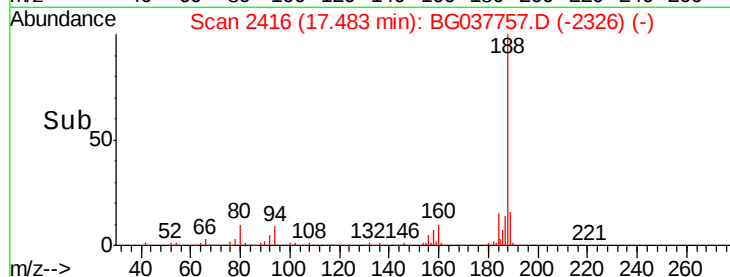
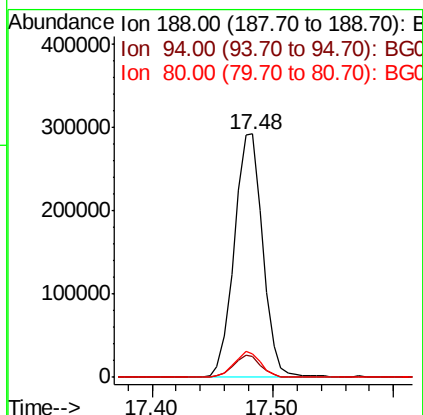
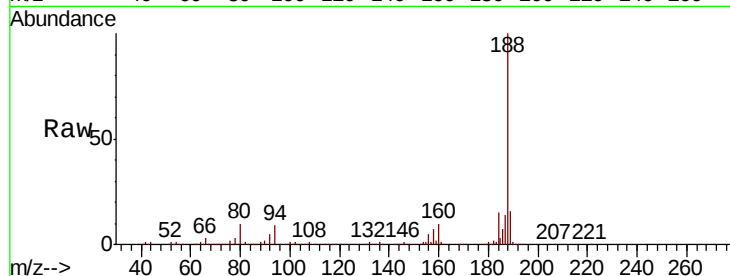




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037757.D
Acq: 2 Nov 2018 16:41

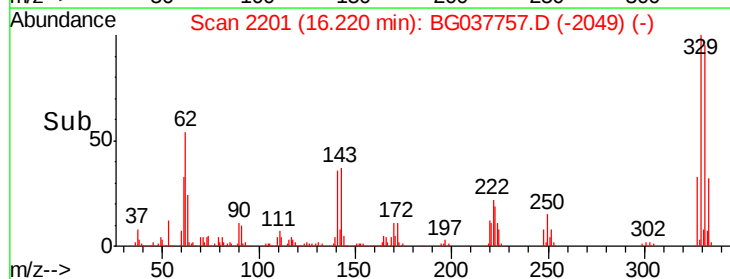
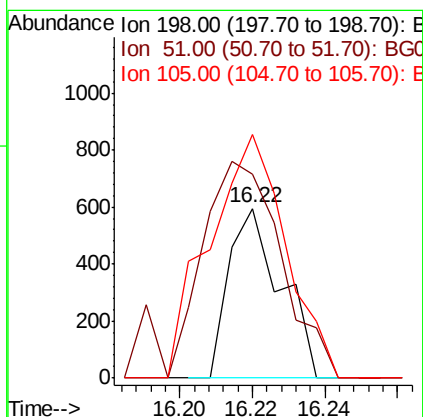
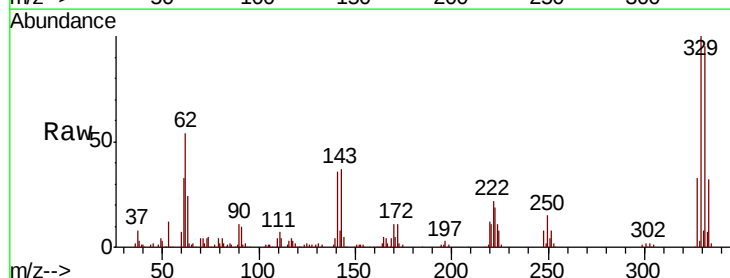
Instrument :
BNA_G
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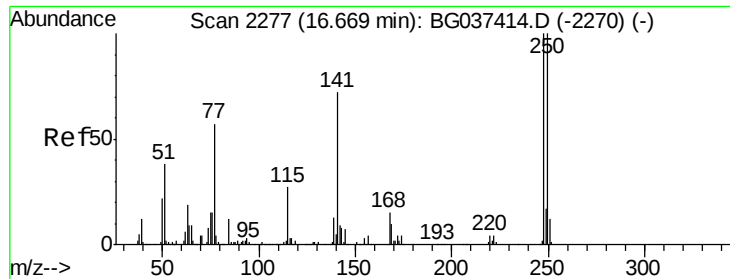
Tot Ion:188 Resp: 481126
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.8 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.701 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037757.D
Acq: 2 Nov 2018 16:41

Tgt Ion:198 Resp: 593
Ion Ratio Lower Upper
198 100
51 28.1 22.7 62.7
105 33.5 19.7 59.7

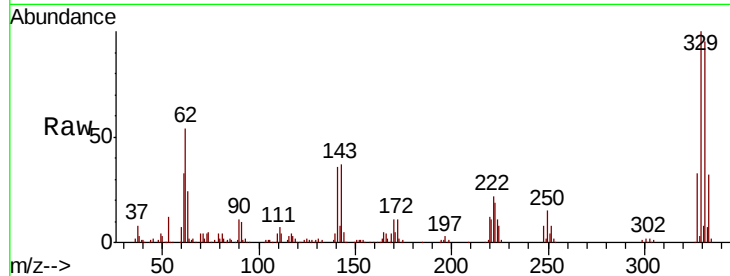




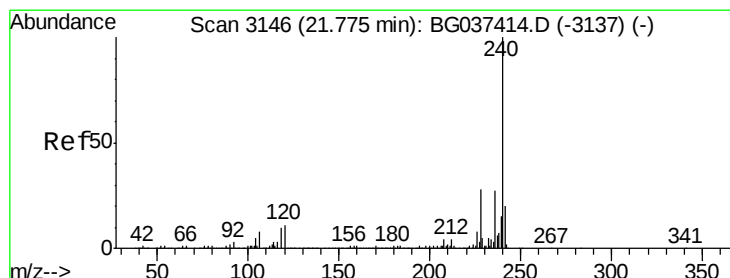
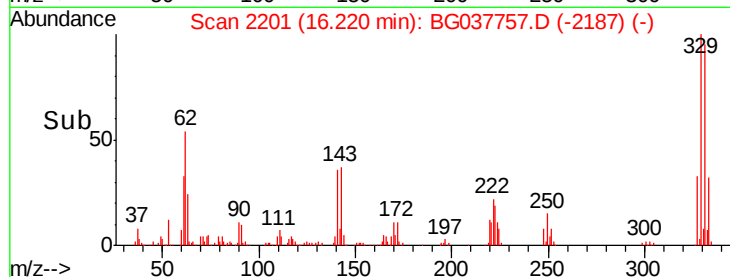
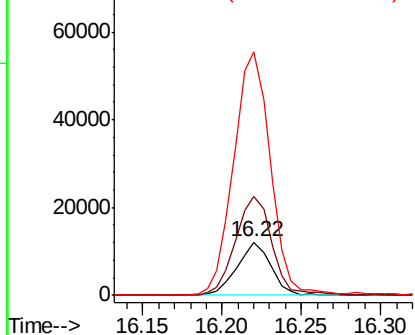
#67
 4-Bromophenyl-phenylether
 Concen: 3.382 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037757.D
 Acq: 2 Nov 2018 16:41

Instrument :
 BNA_G
 ClientSampleId :
 NJ-GREEN

Tot Ion:248 Resp: 17867
 Ion Ratio Lower Upper
 248 100
 250 185.2 77.0 115.6#
 141 359.3 55.5 83.3#

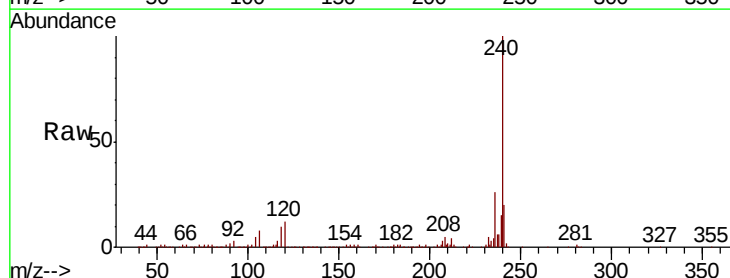


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

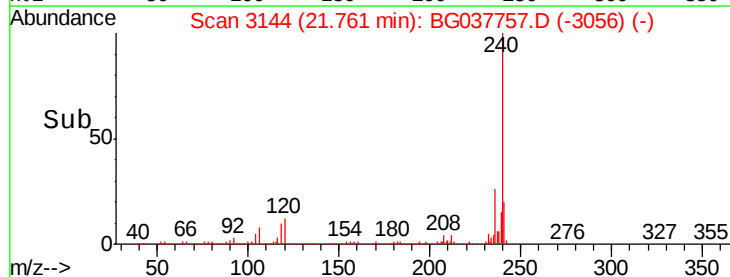
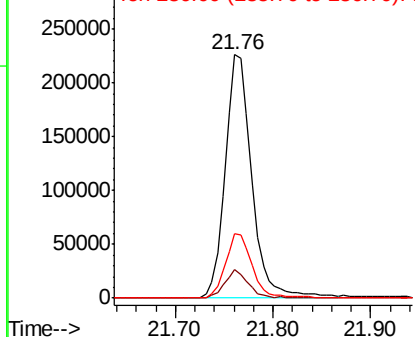


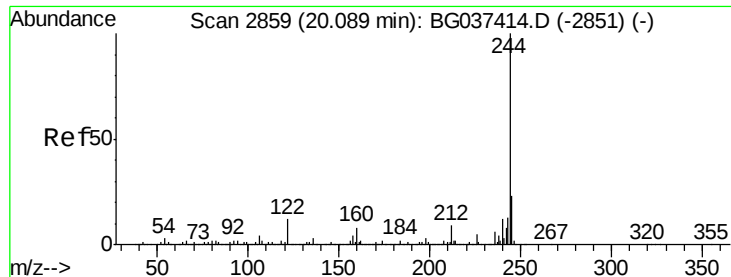
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037757.D
 Acq: 2 Nov 2018 16:41

Tgt Ion:240 Resp: 427914
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.1 12.1
 236 26.5 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: 67.824 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037757.D

Acq: 2 Nov 2018 16:41

Instrument :

BNA_G

ClientSampleId :

NJ-GREEN

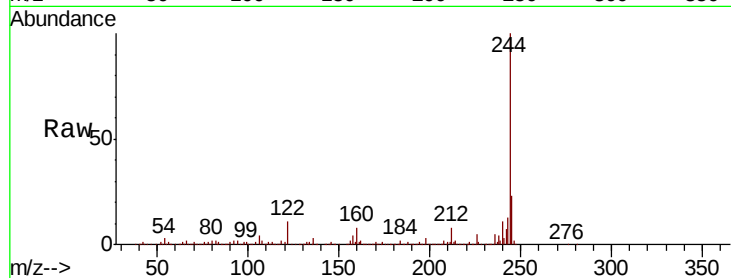
Tot Ion:244 Resp: 1358269

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

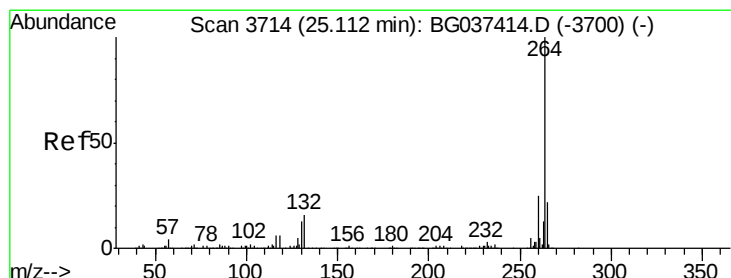
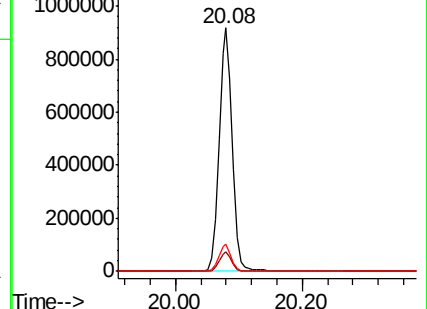
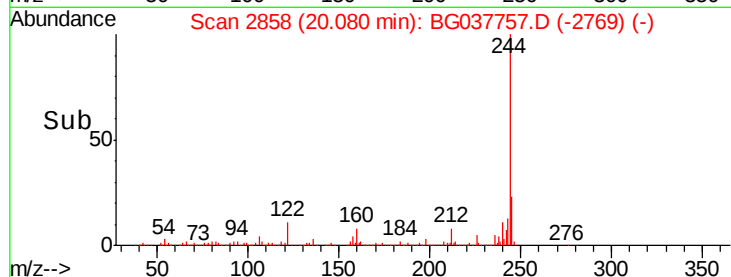
122 11.0 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037757.D

Acq: 2 Nov 2018 16:41

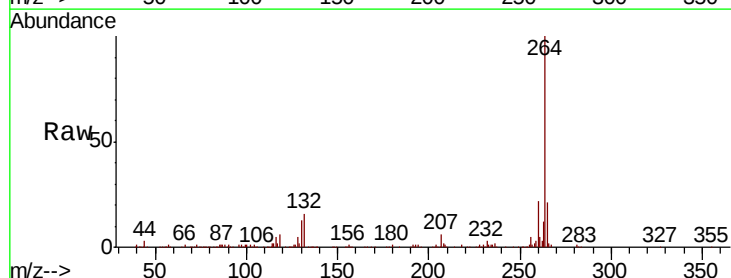
Tgt Ion:264 Resp: 396589

Ion Ratio Lower Upper

264 100

260 21.6 18.2 27.4

265 21.4 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

