

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038655.D
 Acq On : 17 Dec 2018 9:47
 Operator : JU/SJ
 Sample : J6424-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB12_1.5-2.5

Quant Time: Dec 18 02:55:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

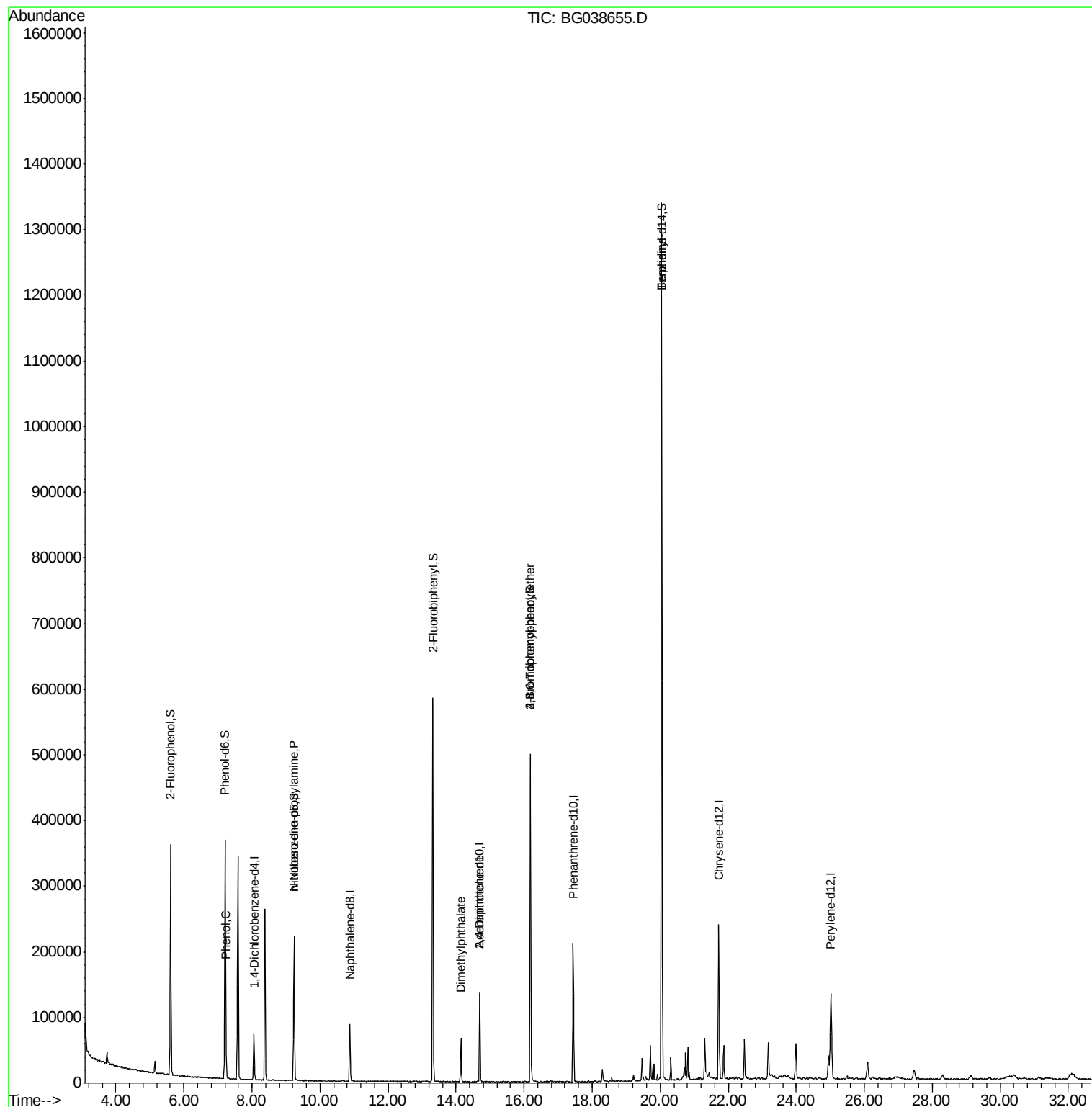
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19779	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	76770	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	52081	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	140589	20.00	ng	0.00
76) Chrysene-d12	21.72	240	149171	20.00	ng	0.00
87) Perylene-d12	25.02	264	159971	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	147605	132.36	ng	0.00
7) Phenol-d6	7.21	99	201657	131.72	ng	0.00
23) Nitrobenzene-d5	9.24	82	132091	87.90	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	95937	133.66	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	313042	82.46	ng	0.00
79) Terphenyl-d14	20.04	244	642979	93.81	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12526	7.702	ng	79
19) n-Nitroso-di-n-propylamine	9.23	70	17586	16.356	ng	# 72
50) Dimethylphthalate	14.14	163	47293	11.120	ng	97
57) 2,4-Dinitrotoluene	14.69	165	6353	4.680	ng	# 24
67) 4-Bromophenyl-phenylether	16.18	248	6380	3.716	ng	# 1
77) Benzidine	20.04	184	11576	2.624	ng	# 94

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

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QLast Update : Wed Dec 12 15:26:27 2018
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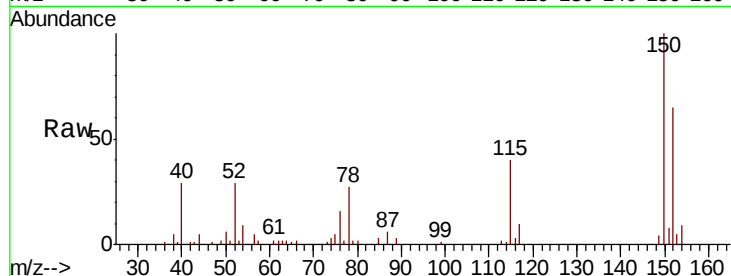




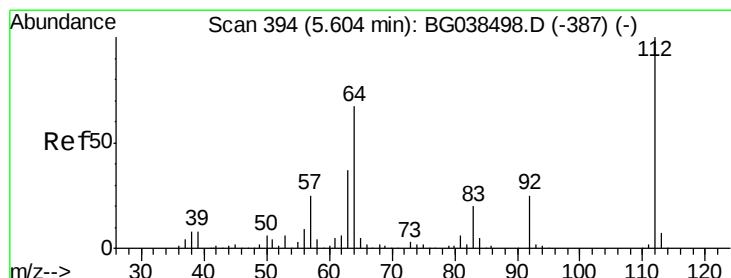
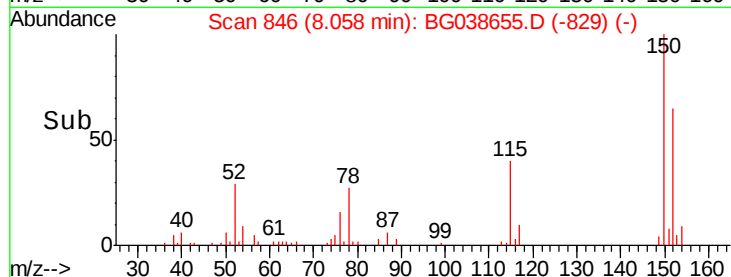
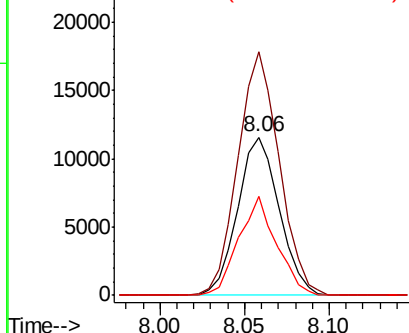
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038655.D
 Acq: 17 Dec 2018 9:47

Instrument :
 BNA_G
 ClientSampleId :
 EB12_1.5-2.5

Tgt Ion:152 Resp: 19779
 Ion Ratio Lower Upper
 152 100
 150 154.2 119.5 179.3
 115 62.4 49.6 74.4

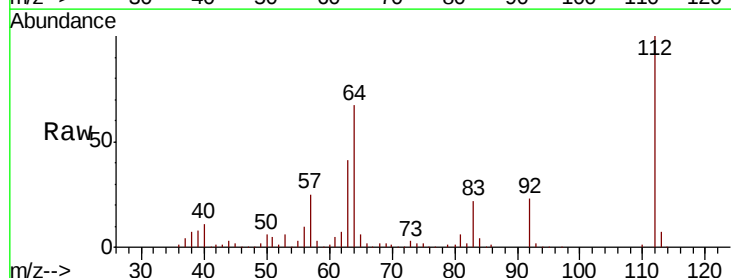


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

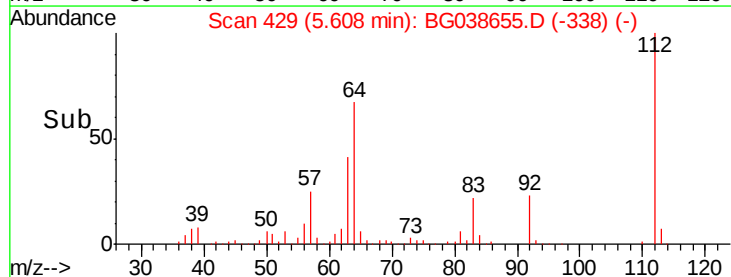
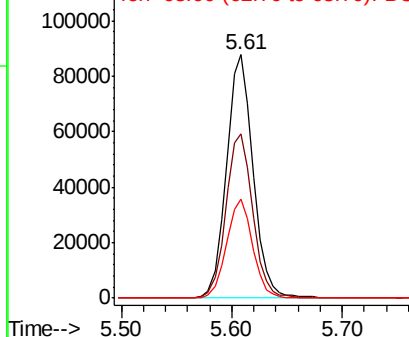


#5
 2-Fluorophenol
 Concen: 132.363 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038655.D
 Acq: 17 Dec 2018 9:47

Tgt Ion:112 Resp: 147605
 Ion Ratio Lower Upper
 112 100
 64 67.4 53.4 80.2
 63 40.6 29.3 43.9



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: 131.725 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038655.D

Acq: 17 Dec 2018 9:47

Instrument :

BNA_G

ClientSampled :

EB12_1.5-2.5

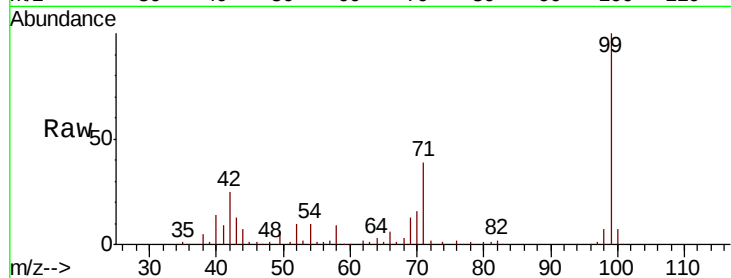
Tgt Ion: 99 Resp: 201657

Ion Ratio Lower Upper

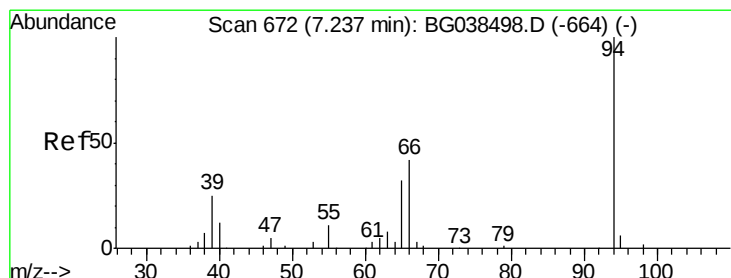
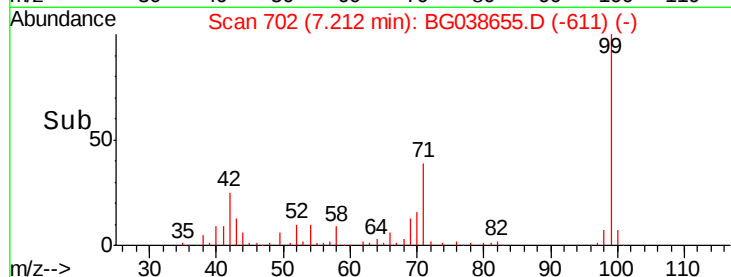
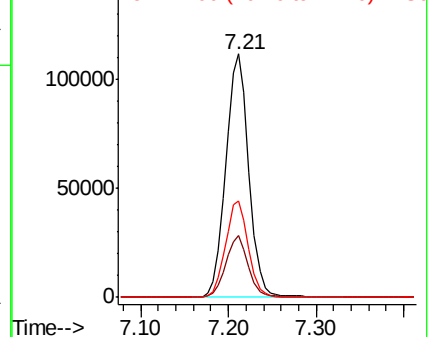
99 100

42 25.2 18.5 27.7

71 39.4 31.1 46.7



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: 7.702 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038655.D

Acq: 17 Dec 2018 9:47

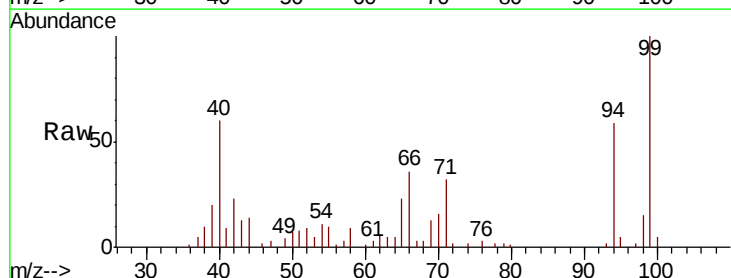
Tgt Ion: 94 Resp: 12526

Ion Ratio Lower Upper

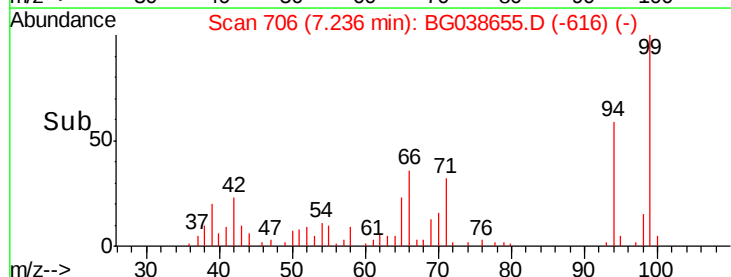
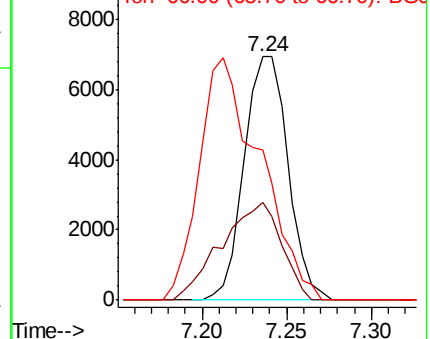
94 100

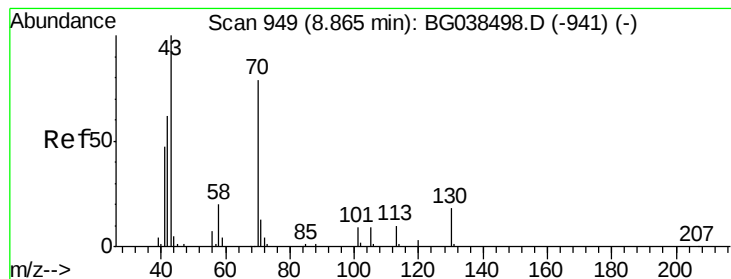
65 40.1 12.6 52.6

66 61.4 24.1 64.1



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: 16.356 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038655.D

Acq: 17 Dec 2018 9:47

Instrument :

BNA_G

ClientSampleId :

EB12_1.5-2.5

Tgt Ion: 70 Resp: 17586

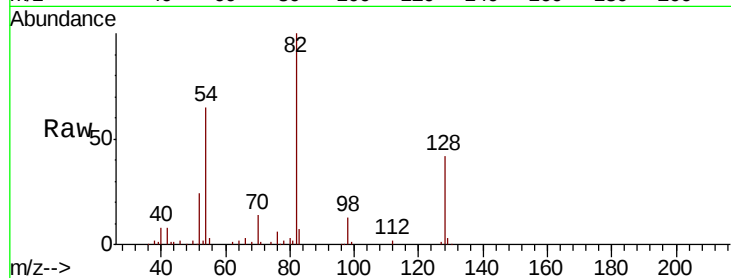
Ion Ratio Lower Upper

70 100

42 59.1 63.6 95.4#

101 0.0 9.2 13.8#

130 1.8 18.5 27.7#



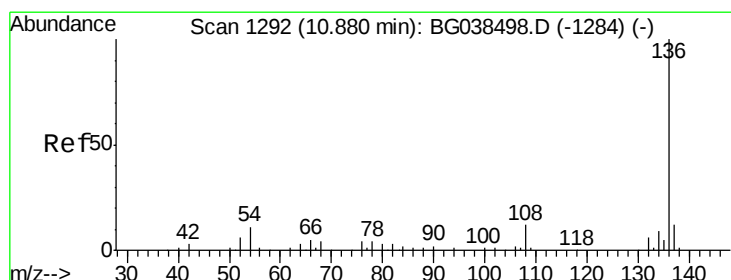
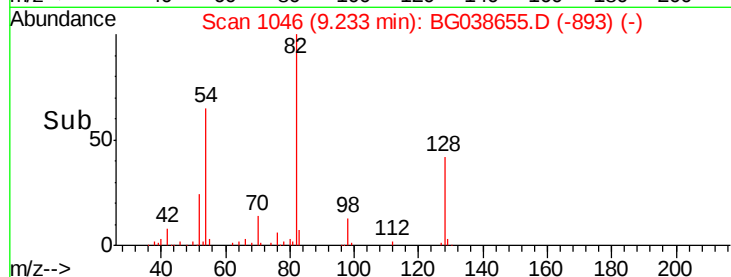
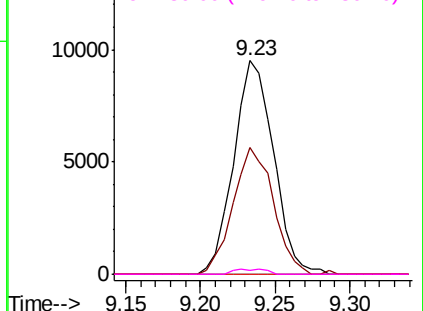
Abundance

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: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038655.D

Acq: 17 Dec 2018 9:47

Tgt Ion: 136 Resp: 76770

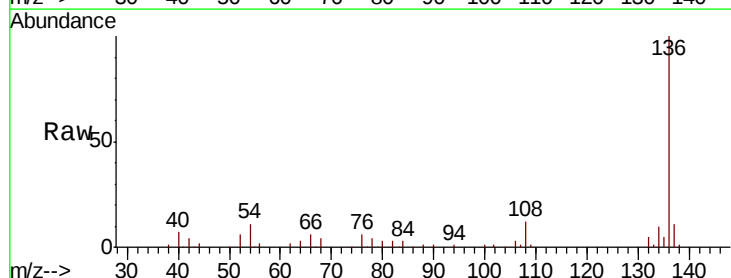
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 10.7 8.5 12.7

68 3.9 3.5 5.3



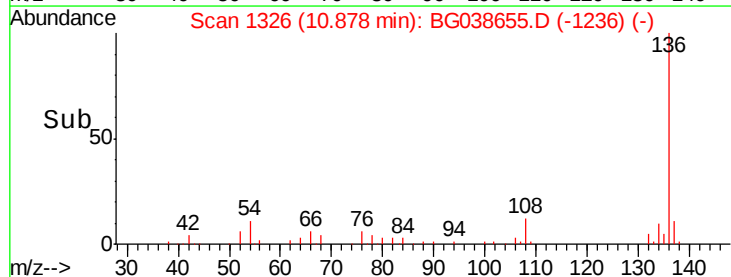
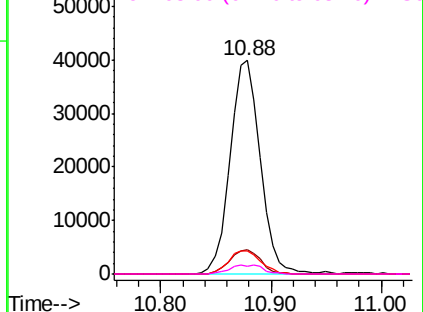
Abundance

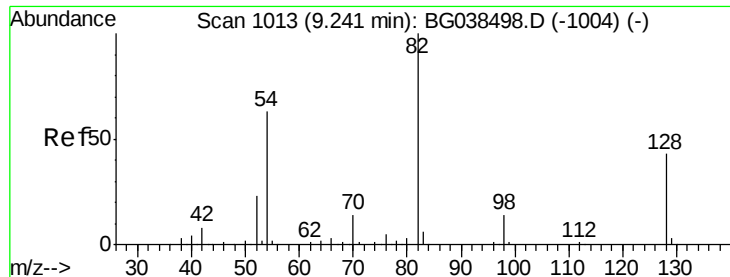
Ion 136.00 (135.70 to 136.70): BGC

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

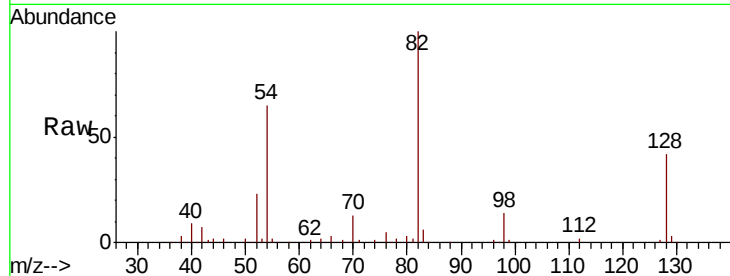




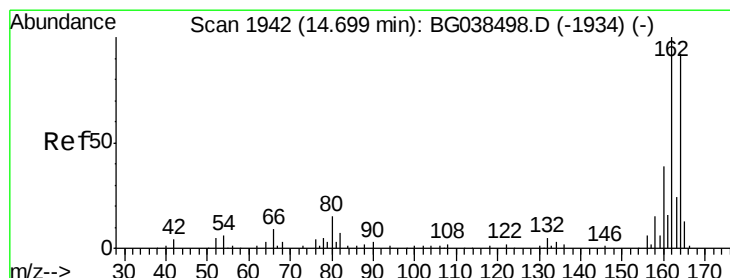
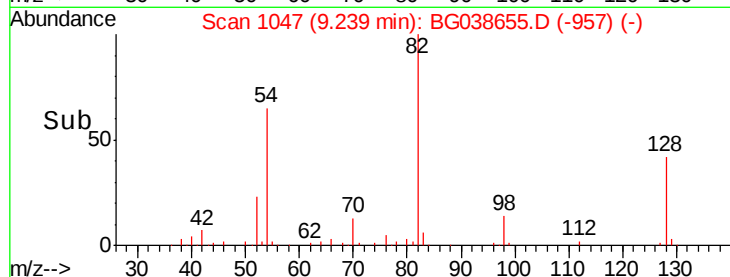
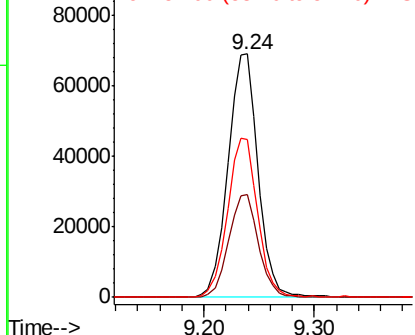
#23
Nitrobenzene-d5
Concen: 87.901 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038655.D
Acq: 17 Dec 2018 9:47

Instrument :
BNA_G
ClientSampleId :
EB12_1.5-2.5

Tgt Ion: 82 Resp: 132091
Ion Ratio Lower Upper
82 100
128 42.1 34.6 52.0
54 65.1 50.6 76.0

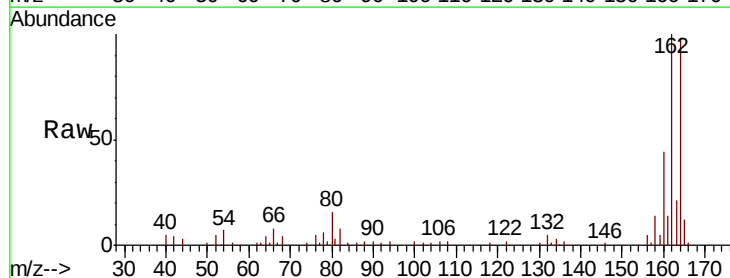


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

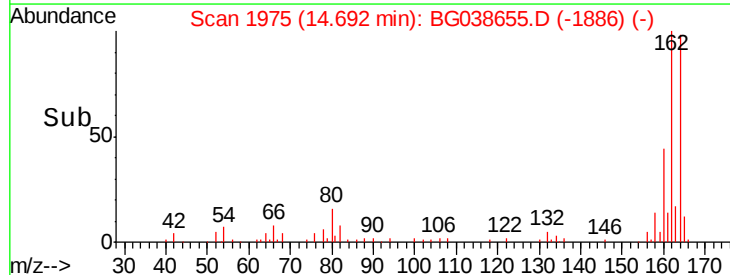
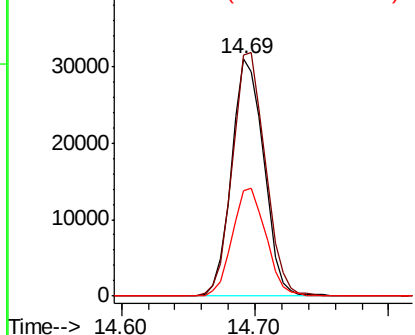


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038655.D
Acq: 17 Dec 2018 9:47

Tgt Ion: 164 Resp: 52081
Ion Ratio Lower Upper
164 100
162 101.6 86.6 130.0
160 44.3 34.2 51.2



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

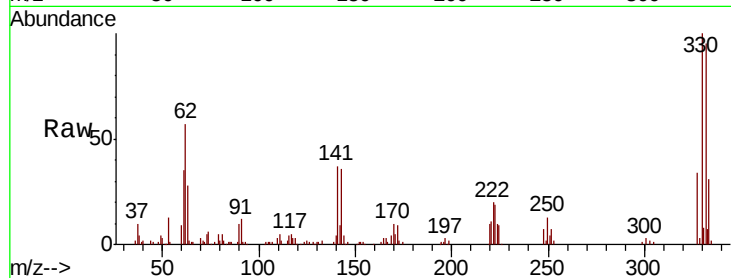




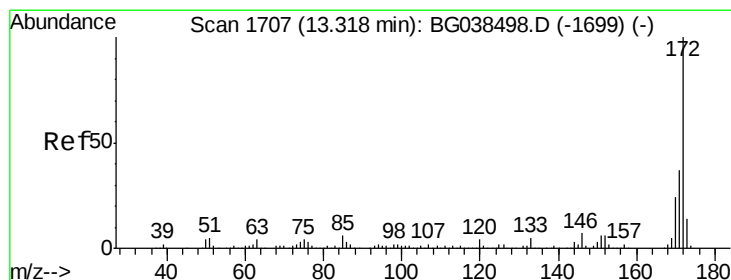
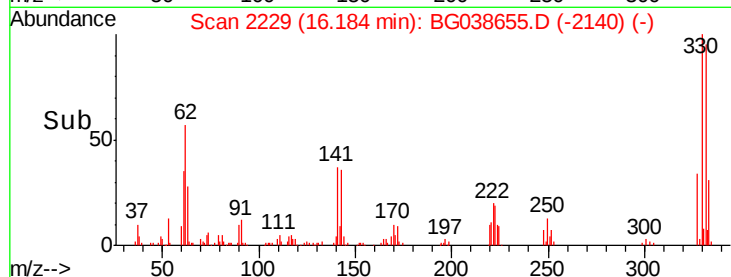
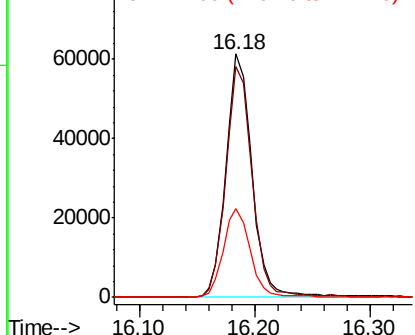
#42
 2,4,6-Tribromophenol
 Concen: 133.660 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038655.D
 Acq: 17 Dec 2018 9:47

Instrument :
 BNA_G
 ClientSampleId :
 EB12_1.5-2.5

Tgt Ion:330 Resp: 95937
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 37.7 28.8 43.2

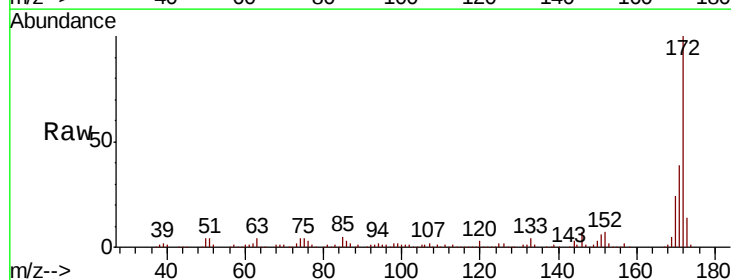


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

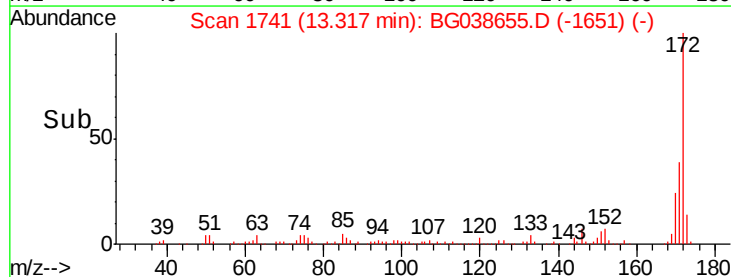
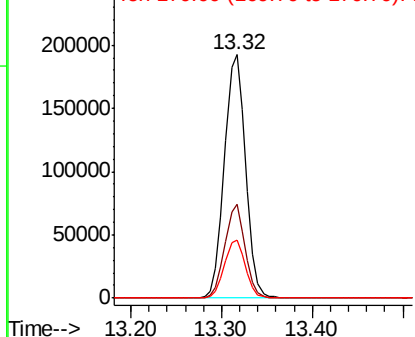


#45
 2-Fluorobiphenyl
 Concen: 82.457 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038655.D
 Acq: 17 Dec 2018 9:47

Tgt Ion:172 Resp: 313042
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.8 44.6
 170 24.0 19.5 29.3



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: 11.120 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038655.D

Acq: 17 Dec 2018 9:47

Instrument :

BNA_G

ClientSampleId :

EB12_1.5-2.5

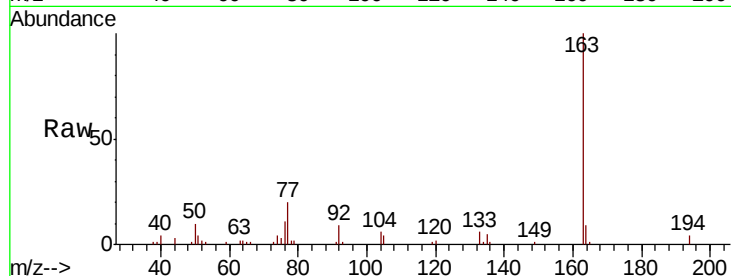
Tgt Ion:163 Resp: 47293

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

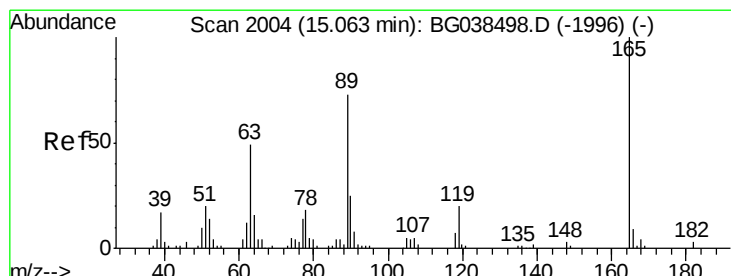
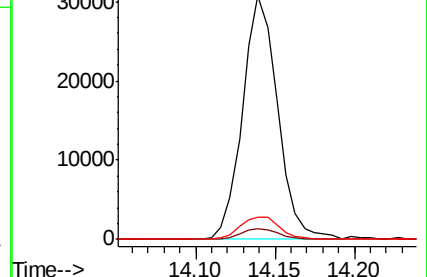
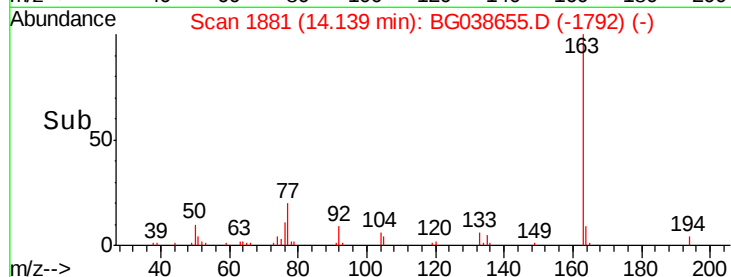
164 9.4 8.6 12.8



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: 4.680 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.37 min

Lab File: BG038655.D

Acq: 17 Dec 2018 9:47

Tgt Ion:165 Resp: 6353

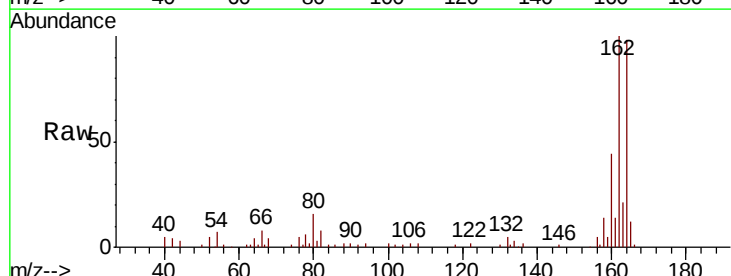
Ion Ratio Lower Upper

165 100

63 4.6 39.0 58.4#

89 0.0 58.0 87.0#

182 0.0 2.3 3.5#

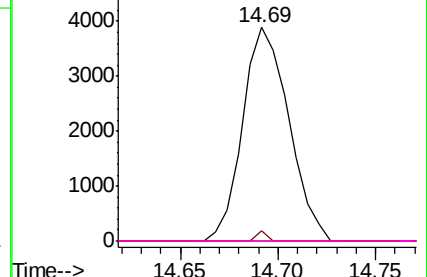
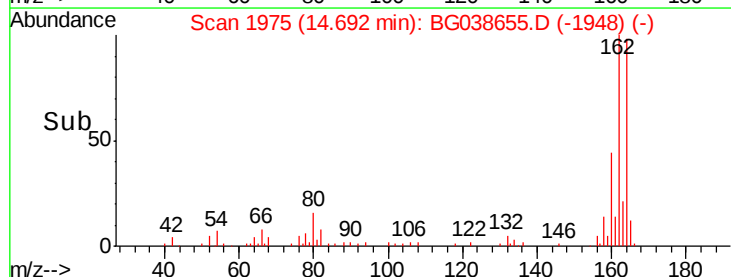


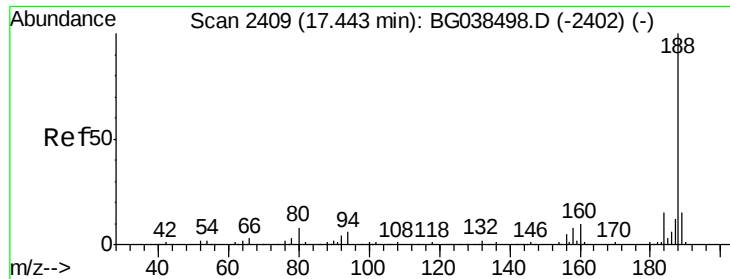
Abundance Ion 165.00 (164.70 to 165.70): E

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

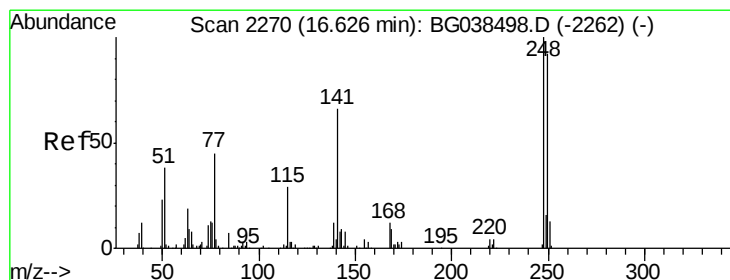
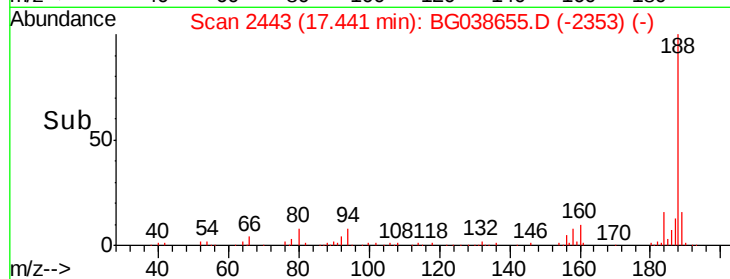
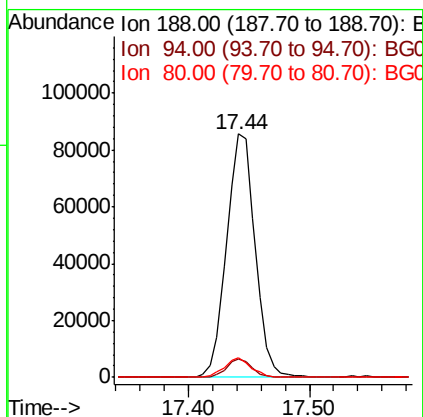
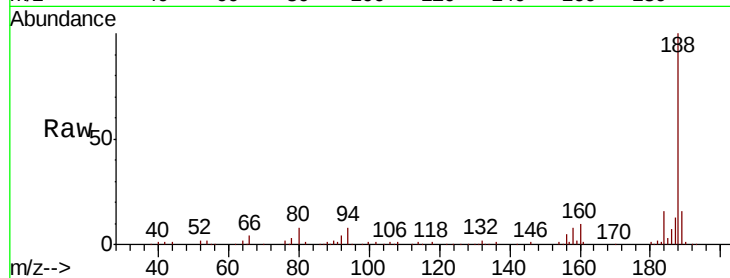




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038655.D
Acq: 17 Dec 2018 9:47

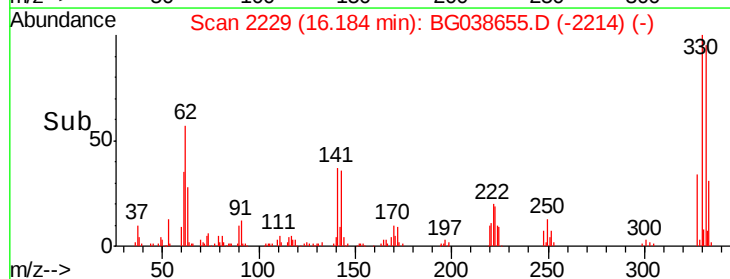
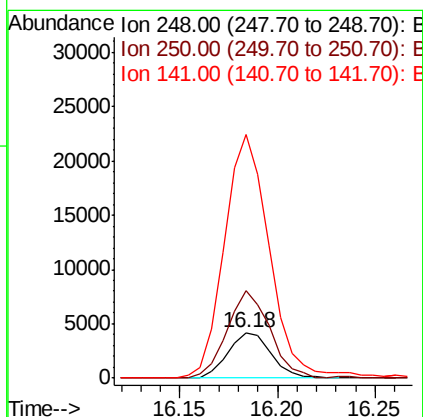
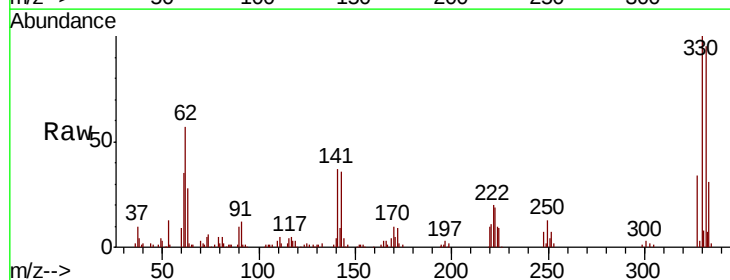
Instrument :
BNA_G
ClientSampleId :
EB12_1.5-2.5

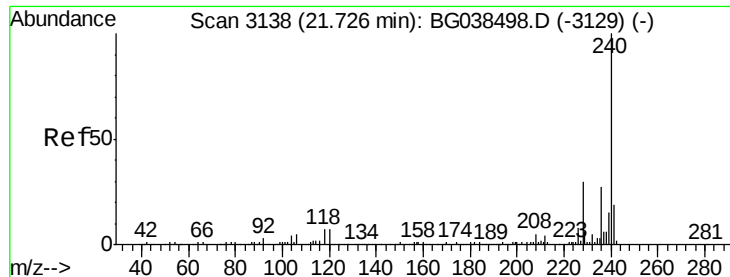
Tgt Ion:188 Resp: 140589
Ion Ratio Lower Upper
188 100
94 7.6 5.1 7.7
80 8.1 6.1 9.1



#67
4-Bromophenyl-phenylether
Concen: 3.716 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038655.D
Acq: 17 Dec 2018 9:47

Tgt Ion:248 Resp: 6380
Ion Ratio Lower Upper
248 100
250 195.1 73.4 110.2#
141 414.5 52.9 79.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038655.D

Acq: 17 Dec 2018 9:47

Instrument :

BNA_G

ClientSampleId :

EB12_1.5-2.5

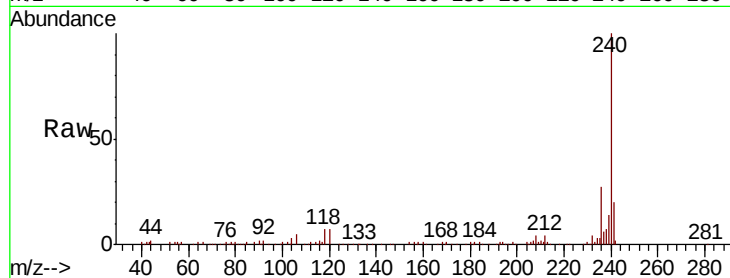
Tgt Ion:240 Resp: 149171

Ion Ratio Lower Upper

240 100

120 6.9 5.3 7.9

236 27.0 21.4 32.2

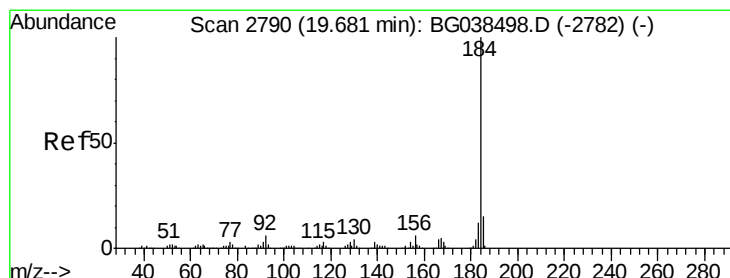
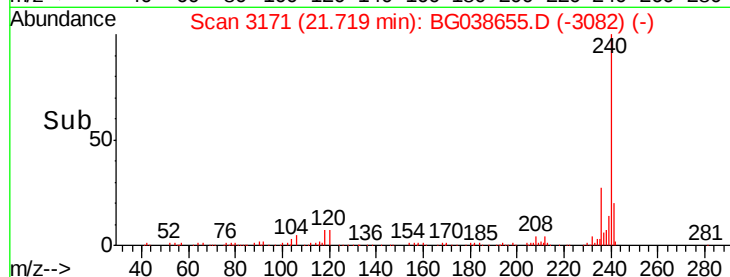
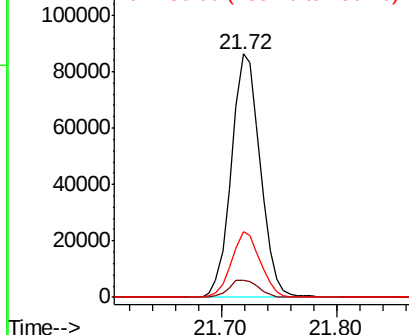


Abundance

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



#77

Benzidine

Concen: 2.624 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038655.D

Acq: 17 Dec 2018 9:47

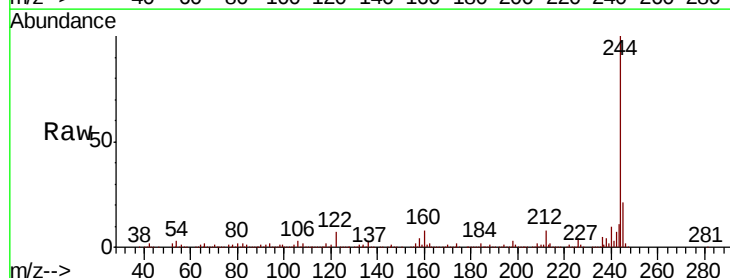
Tgt Ion:184 Resp: 11576

Ion Ratio Lower Upper

184 100

185 17.0 12.2 18.2

183 8.9 9.6 14.4#

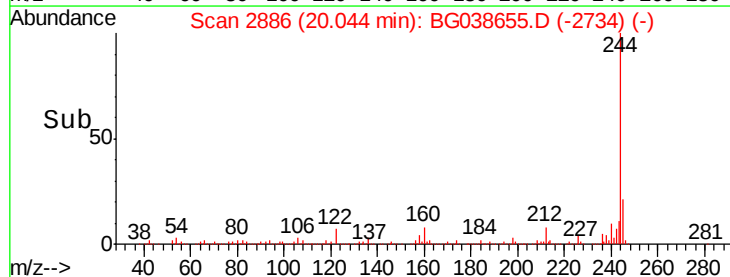
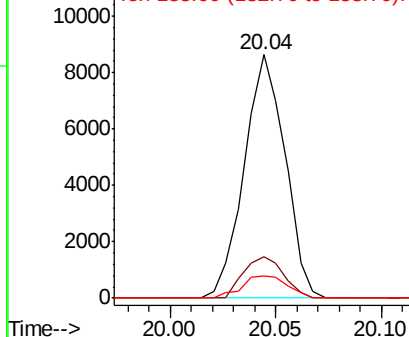


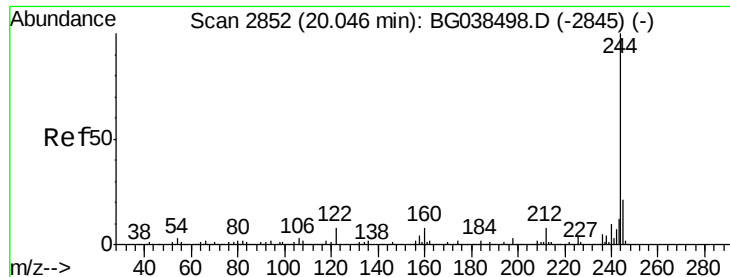
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 93.808 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038655.D

Acq: 17 Dec 2018 9:47

Instrument :

BNA_G

ClientSampleId :

EB12_1.5-2.5

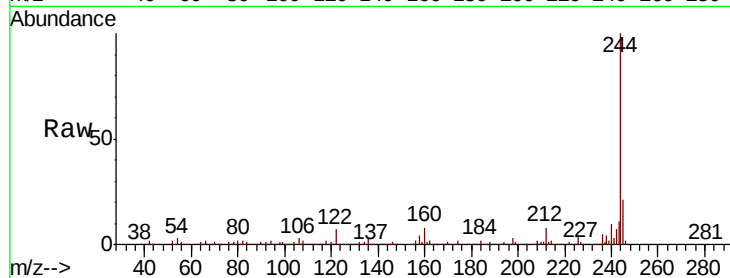
Tgt Ion:244 Resp: 642979

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

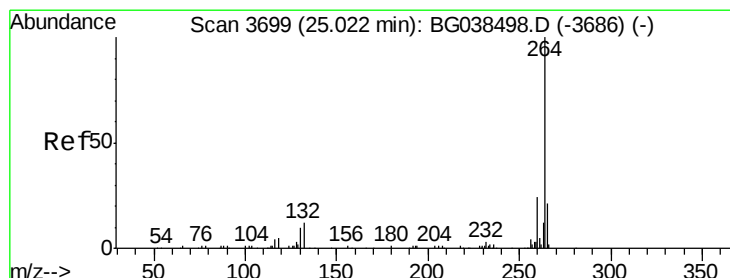
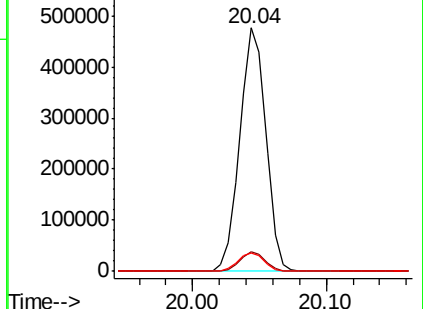
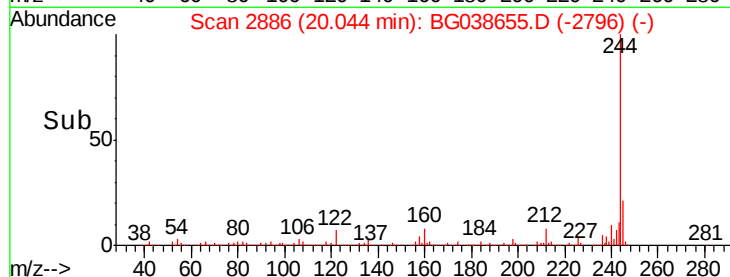
122 7.4 6.3 9.5



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: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038655.D

Acq: 17 Dec 2018 9:47

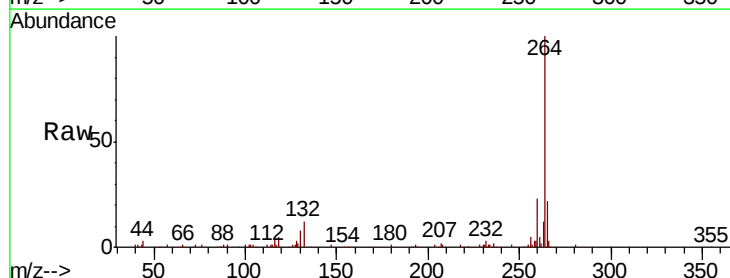
Tgt Ion:264 Resp: 159971

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 22.4 17.0 25.4



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

