

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038674.D
 Acq On : 17 Dec 2018 23:00
 Operator : JU/SJ
 Sample : J6346-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DW-11

Quant Time: Dec 18 02:58:31 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

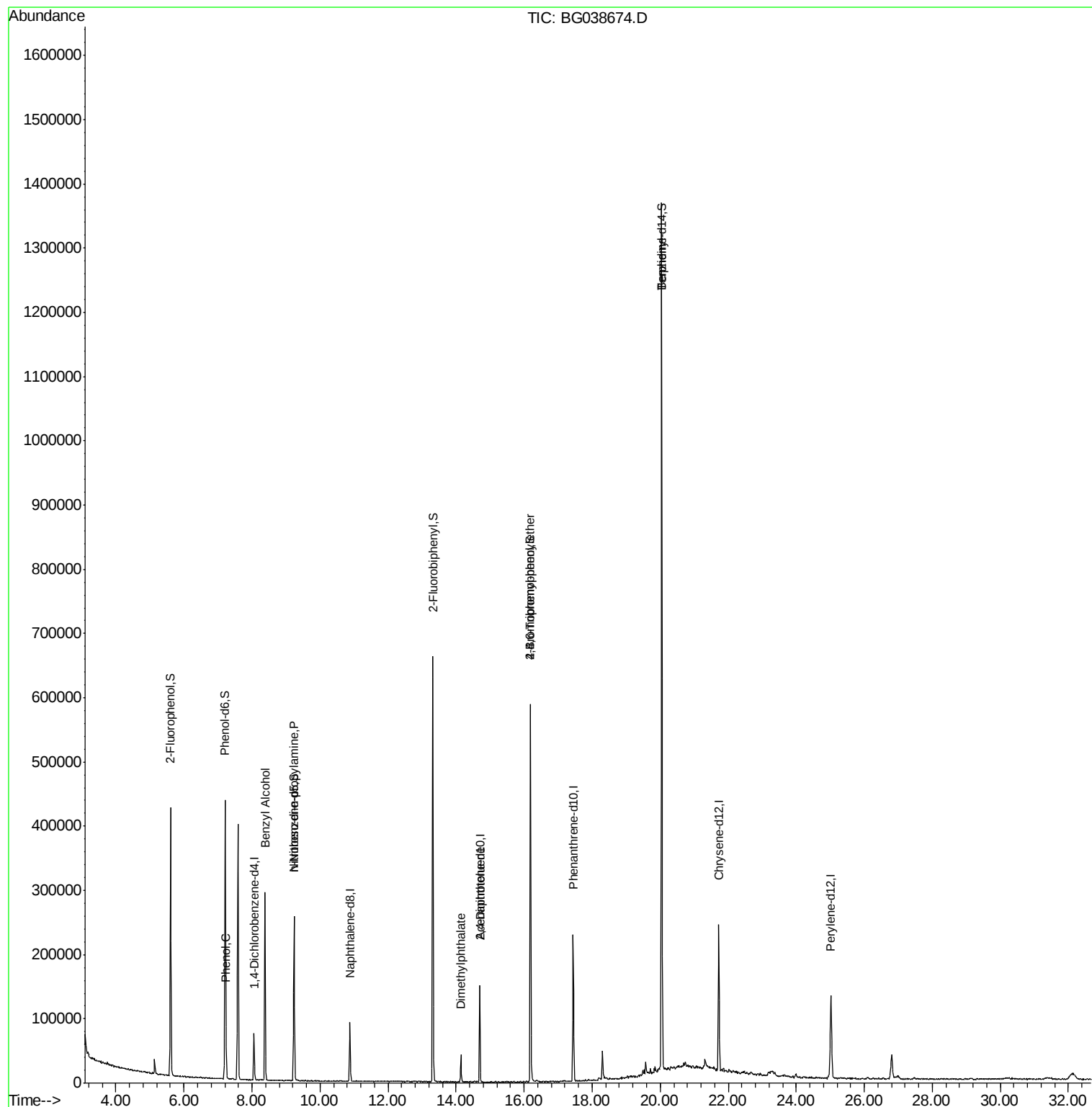
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19916	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	80670	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	56150	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	146260	20.00	ng	0.00
76) Chrysene-d12	21.72	240	140573	20.00	ng	0.00
87) Perylene-d12	25.02	264	158520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	168787	150.32	ng	0.00
7) Phenol-d6	7.21	99	231970	150.48	ng	0.00
23) Nitrobenzene-d5	9.23	82	152437	96.54	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	116391	150.41	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	356914	87.20	ng	0.00
79) Terphenyl-d14	20.04	244	638662	98.88	ng	0.00
Target Compounds						
10) Phenol	7.24	94	15160	9.257	ng	98
15) Benzyl Alcohol	8.38	79	2653	2.205	ng	# 56
19) n-Nitroso-di-n-propylamine	9.24	70	20646	19.070	ng	# 74
50) Dimethylphthalate	14.14	163	30268	6.601	ng	99
57) 2,4-Dinitrotoluene	14.69	165	7182	4.907	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	8088	4.528	ng	# 1
77) Benzidine	20.04	184	12211	2.937	ng	97

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038674.D

Acq: 17 Dec 2018 23:00

Instrument :

BNA_G

ClientSampleId :

DW-11

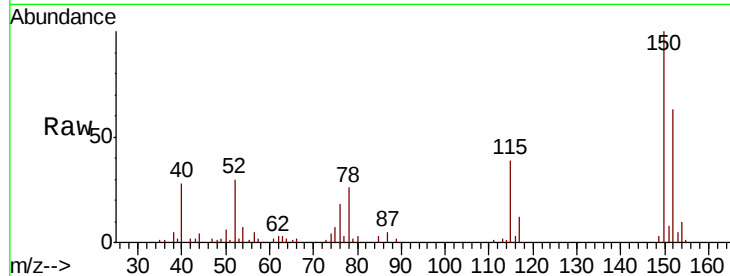
Tgt Ion:152 Resp: 19916

Ion Ratio Lower Upper

152 100

150 159.3 119.5 179.3

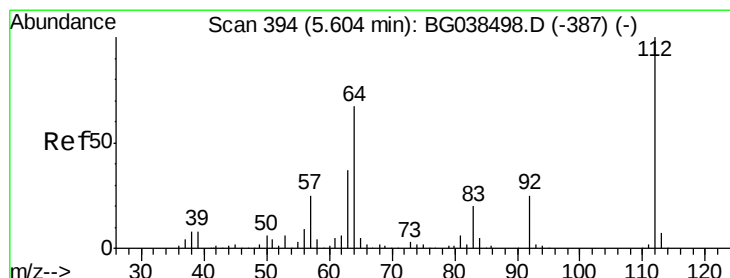
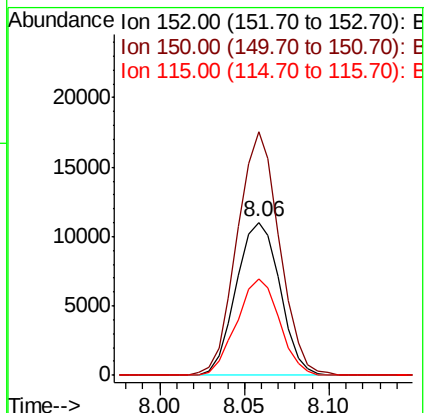
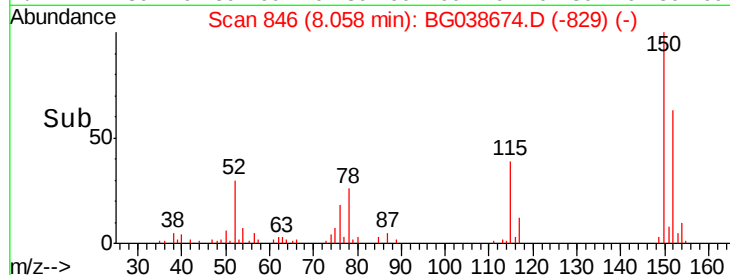
115 62.7 49.6 74.4



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: 150.316 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038674.D

Acq: 17 Dec 2018 23:00

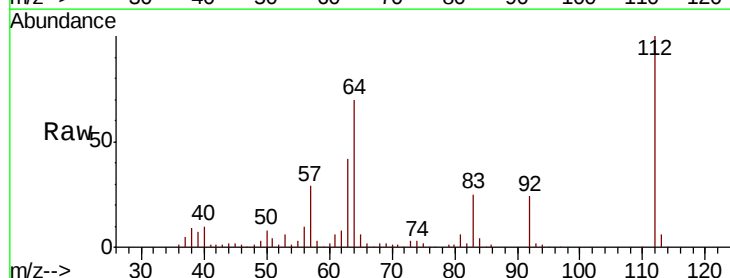
Tgt Ion:112 Resp: 168787

Ion Ratio Lower Upper

112 100

64 70.0 53.4 80.2

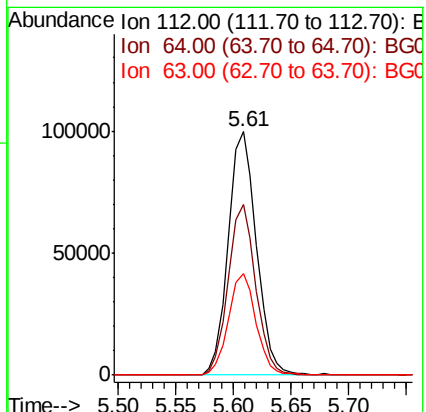
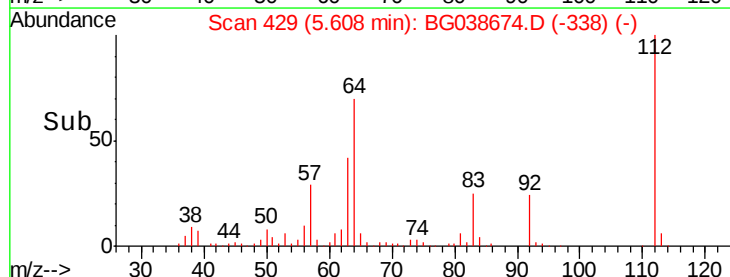
63 41.5 29.3 43.9



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: 150.483 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038674.D

Acq: 17 Dec 2018 23:00

Instrument :

BNA_G

ClientSampleId :

DW-11

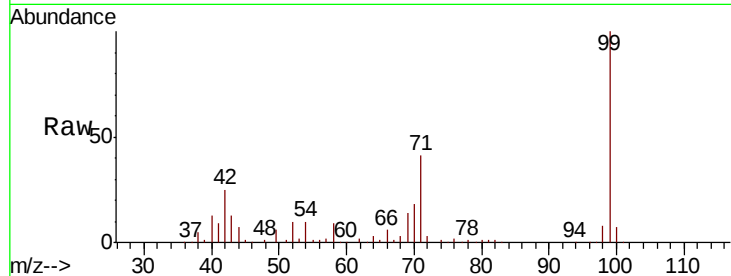
Tgt Ion: 99 Resp: 231970

Ion Ratio Lower Upper

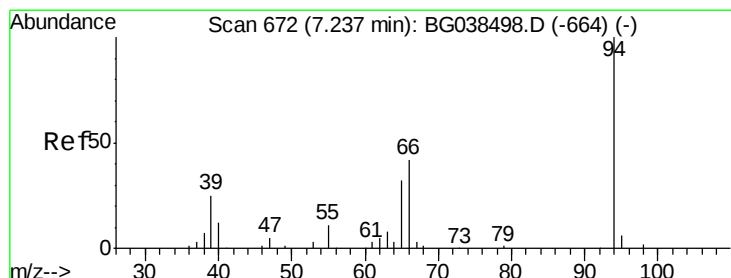
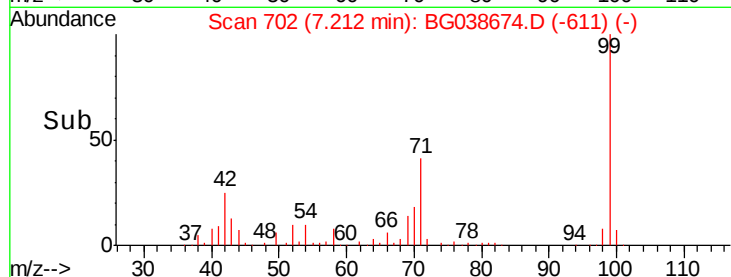
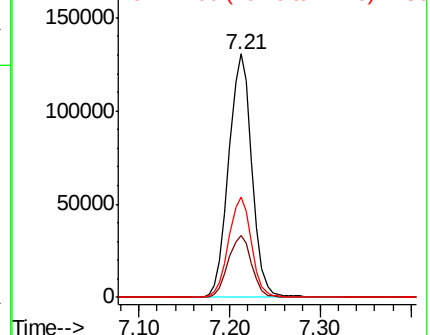
99 100

42 25.3 18.5 27.7

71 41.1 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: 9.257 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038674.D

Acq: 17 Dec 2018 23:00

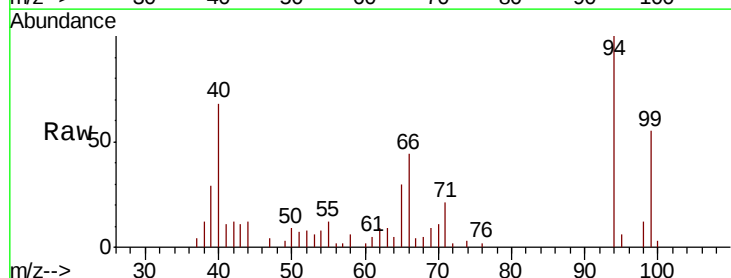
Tgt Ion: 94 Resp: 15160

Ion Ratio Lower Upper

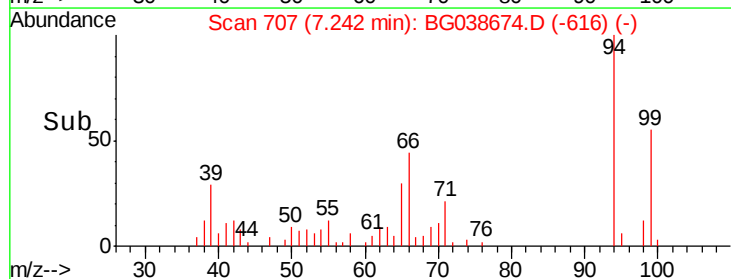
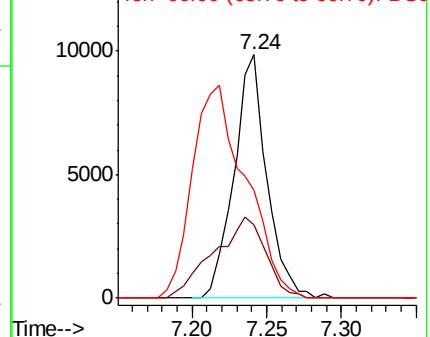
94 100

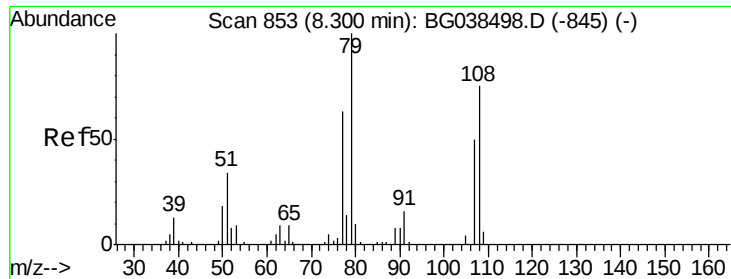
65 30.3 12.6 52.6

66 44.4 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





#15

Benzyl Alcohol

Concen: 2.205 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.08 min

Lab File: BG038674.D

Acq: 17 Dec 2018 23:00

Instrument :

BNA_G

ClientSampleId :

DW-11

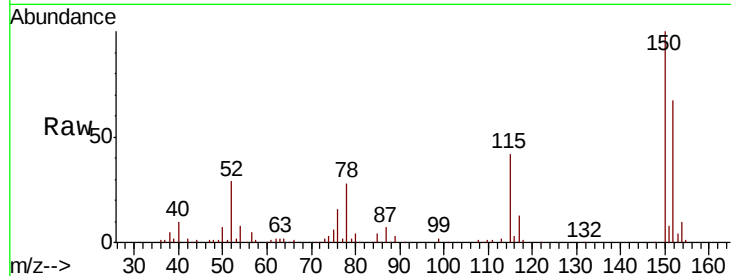
Tgt Ion: 79 Resp: 2653

Ion Ratio Lower Upper

79 100

108 32.1 60.2 90.4#

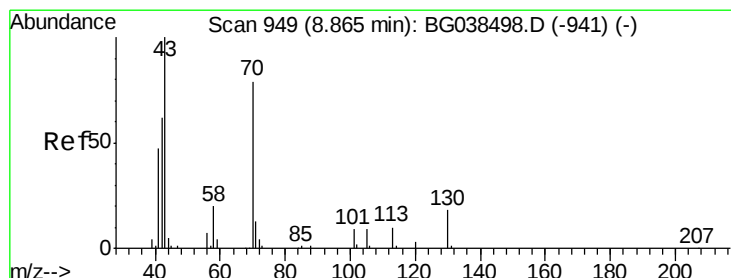
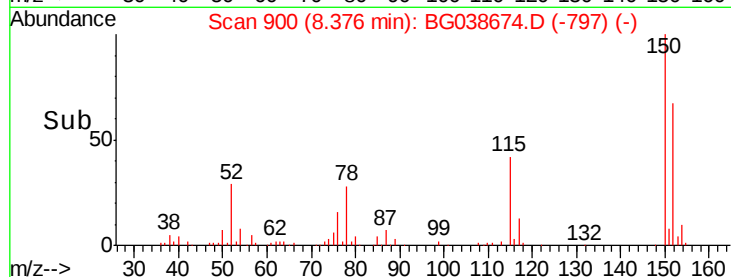
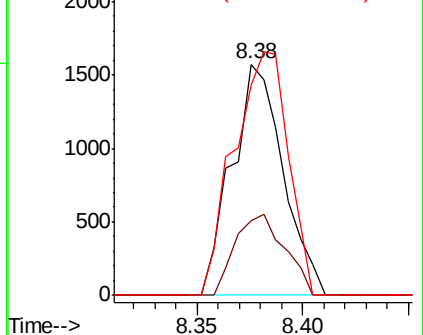
77 91.0 50.7 76.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 19.070 ng

RT: 9.24 min Scan# 1047

Delta R.T. 0.37 min

Lab File: BG038674.D

Acq: 17 Dec 2018 23:00

Tgt Ion: 70 Resp: 20646

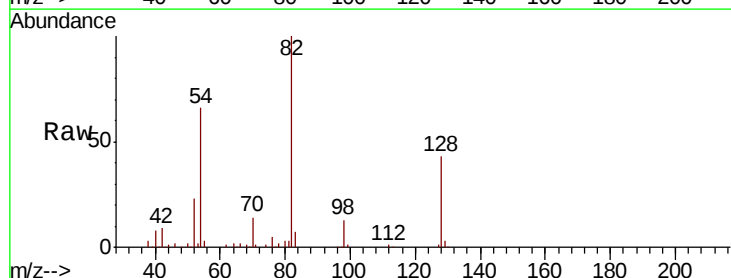
Ion Ratio Lower Upper

70 100

42 62.2 63.6 95.4#

101 0.0 9.2 13.8#

130 1.6 18.5 27.7#

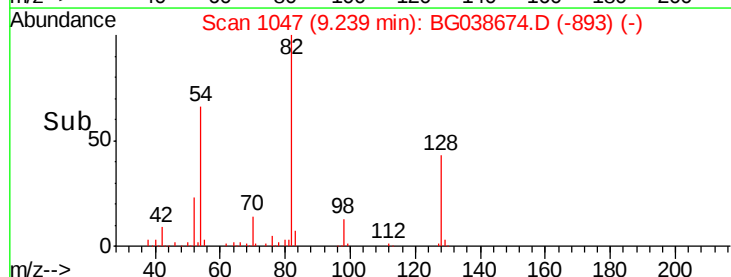
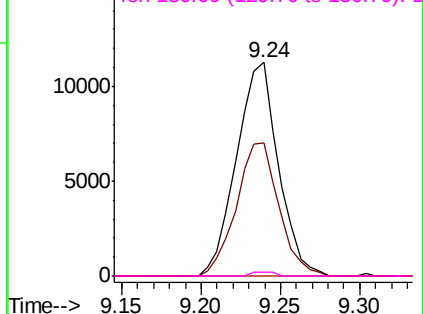


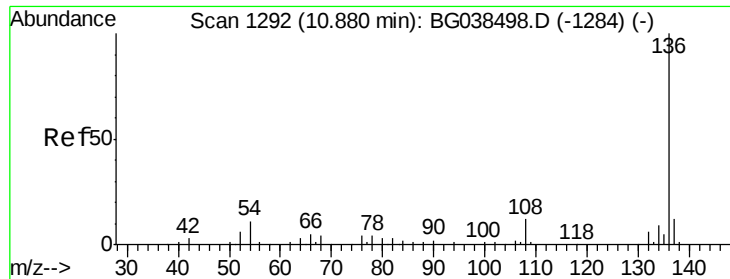
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

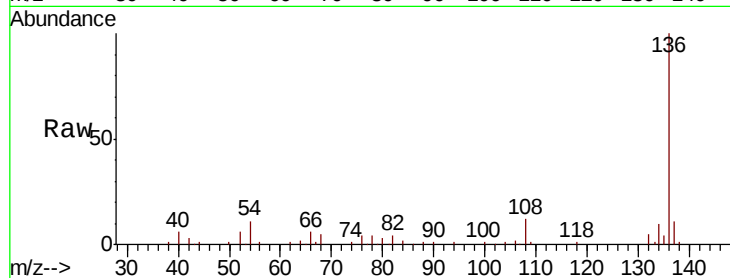




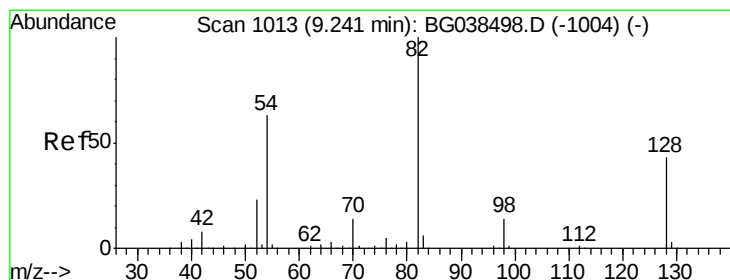
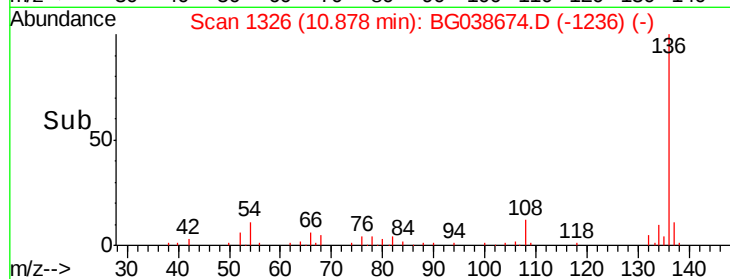
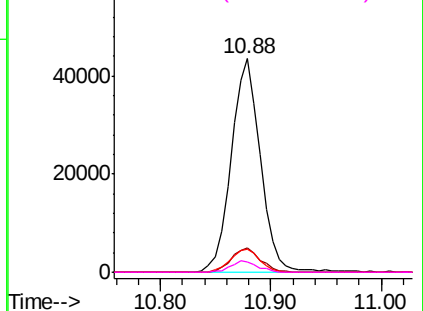
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Instrument :
BNA_G
ClientSampleId :
DW-11

Tgt Ion:	136	Resp:	80670
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	10.5	8.5	12.7
68	4.7	3.5	5.3

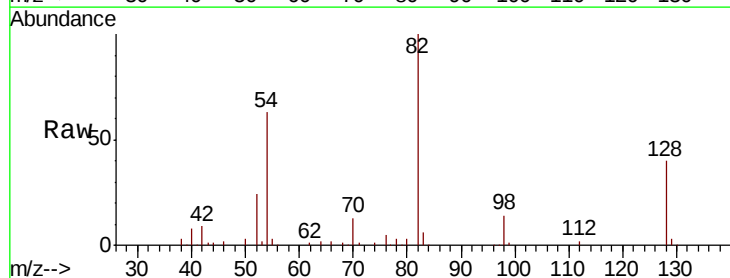


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

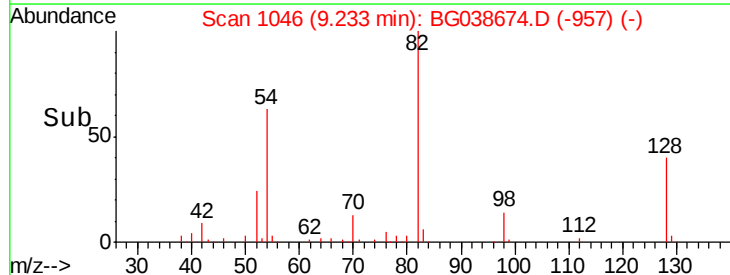
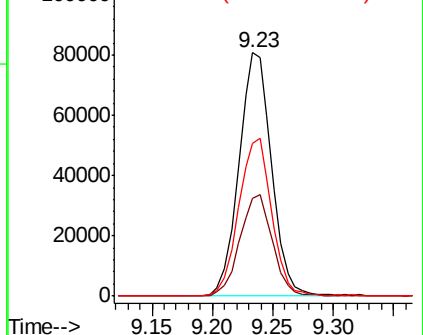


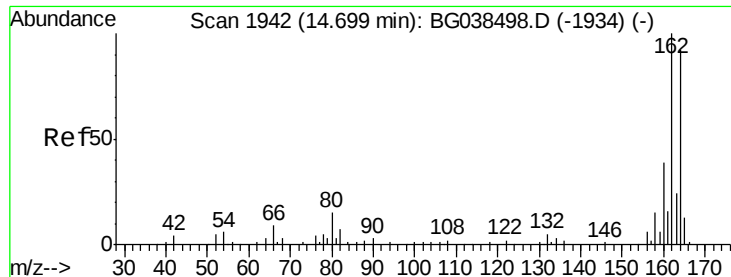
#23
Nitrobenzene-d5
Concen: 96.536 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Tgt Ion:	82	Resp:	152437
Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.6	52.0
54	62.8	50.6	76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038674.D

Acq: 17 Dec 2018 23:00

Instrument :

BNA_G

ClientSampleId :

DW-11

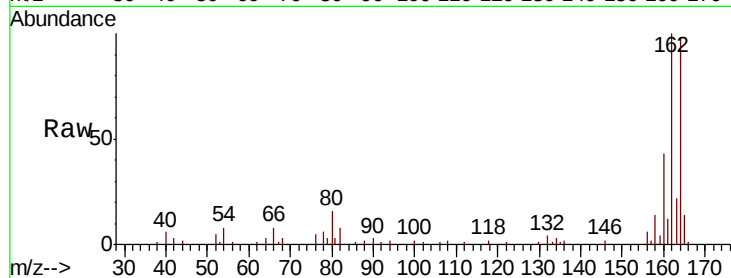
Tgt Ion:164 Resp: 56150

Ion Ratio Lower Upper

164 100

162 101.6 86.6 130.0

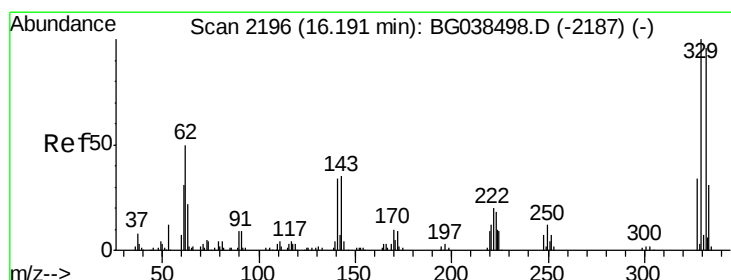
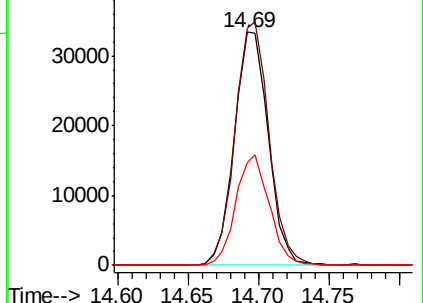
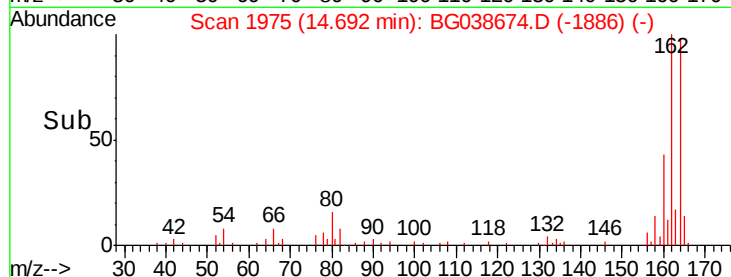
160 43.8 34.2 51.2



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: 150.405 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038674.D

Acq: 17 Dec 2018 23:00

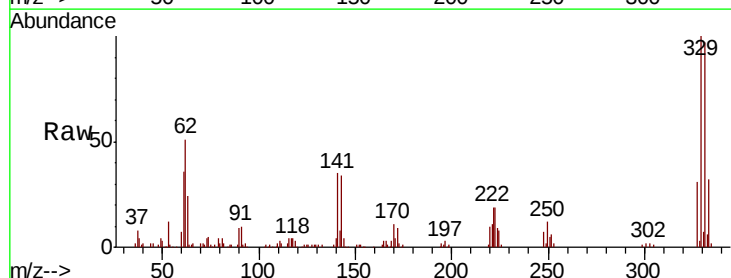
Tgt Ion:330 Resp: 116391

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

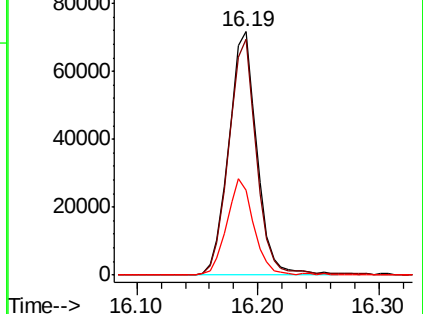
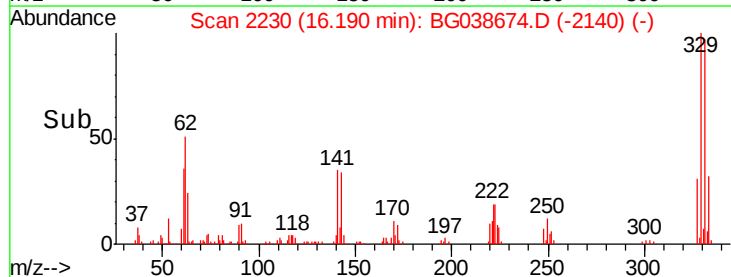
141 38.0 28.8 43.2

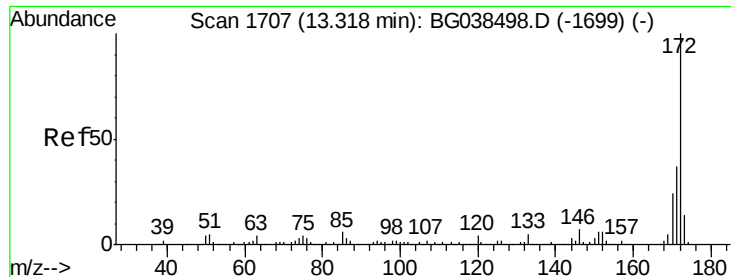


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

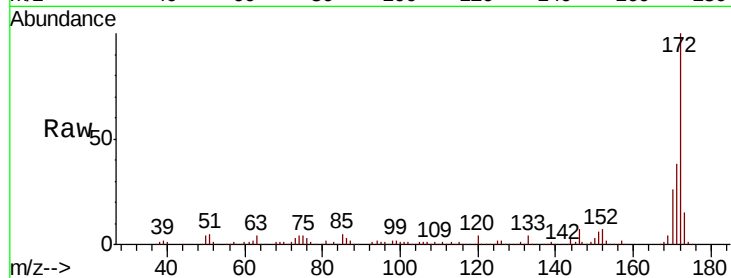




#45
2-Fluorobiphenyl
Concen: 87.201 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Instrument :
BNA_G
ClientSampleId :
DW-11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	26.1	19.5	29.3

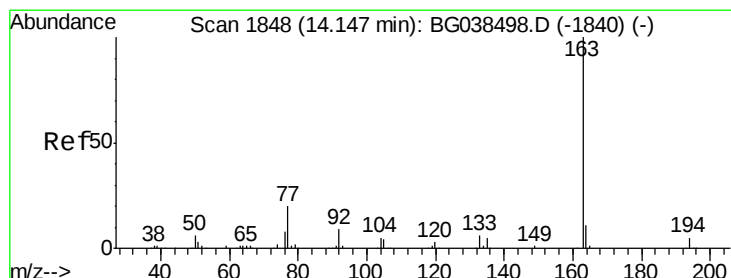
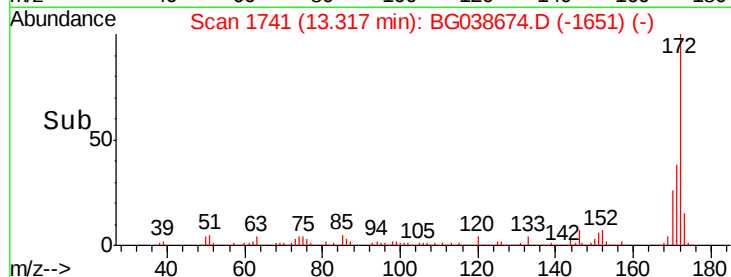
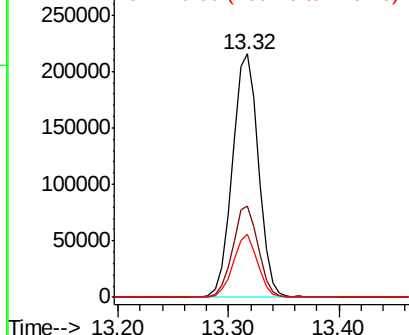


Abundance

Ion 172.00 (171.70 to 172.70): E

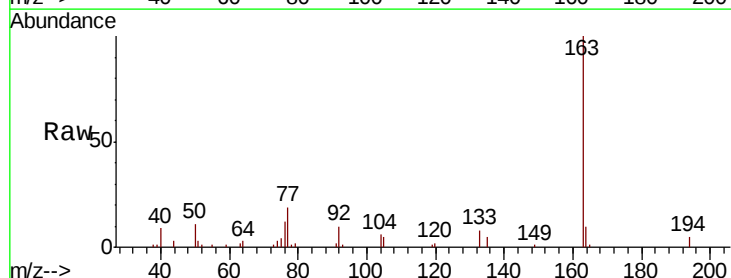
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.601 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.2	8.6	12.8

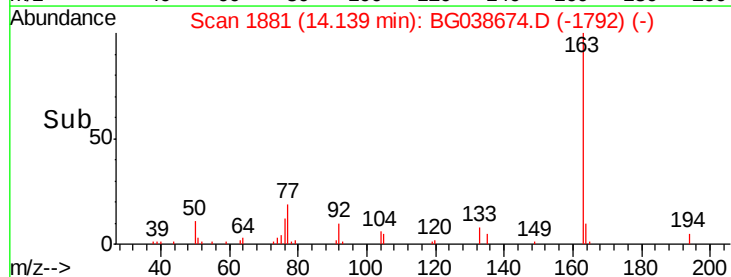
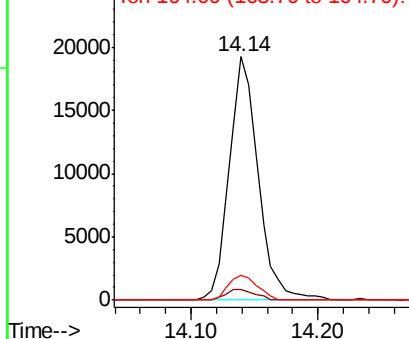


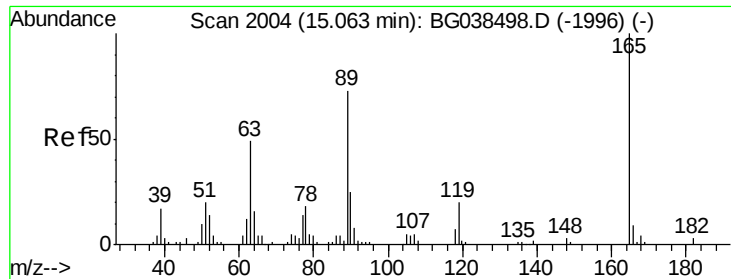
Abundance

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

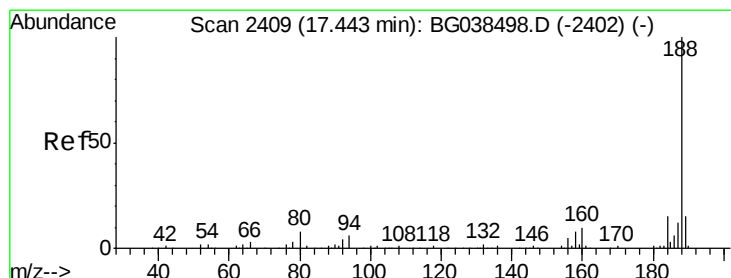
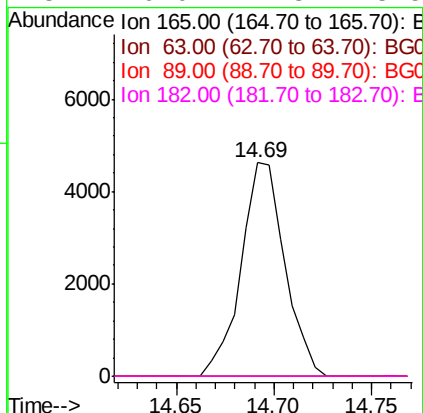
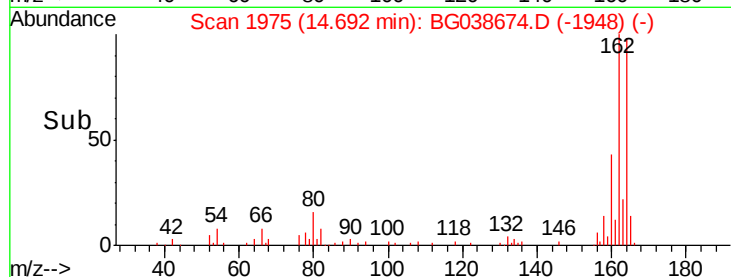
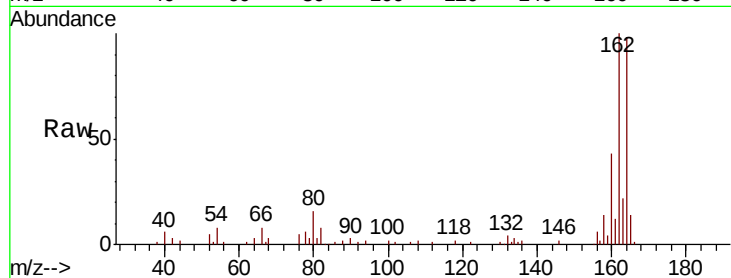




#57
 2,4-Dinitrotoluene
 Concen: 4.907 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038674.D
 Acq: 17 Dec 2018 23:00

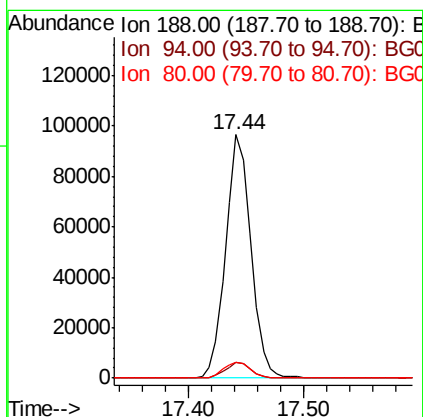
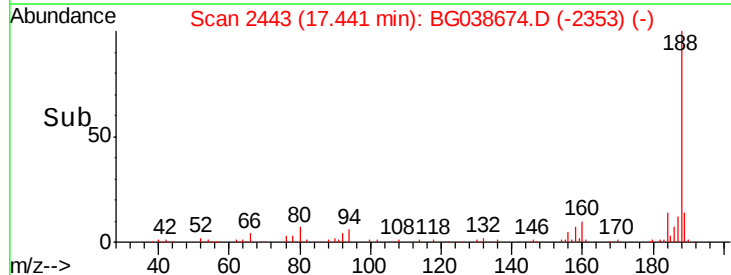
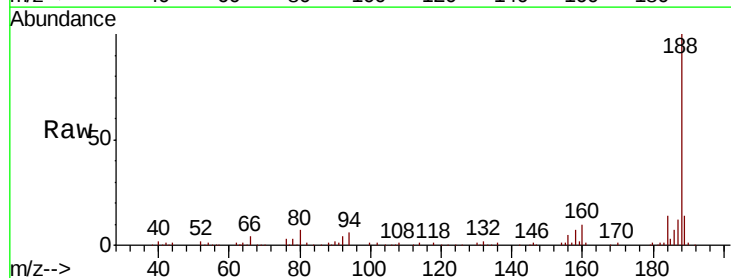
Instrument :
 BNA_G
 ClientSampleId :
 DW-11

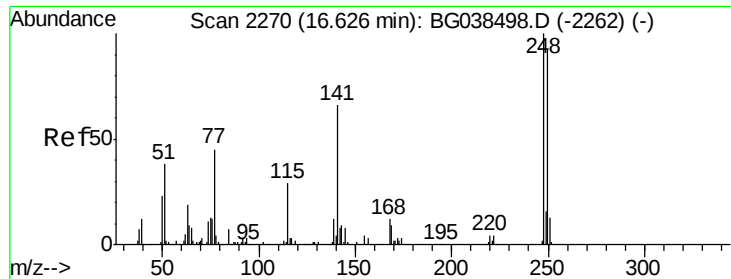
Tgt Ion:	165	Resp:	7182
Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038674.D
 Acq: 17 Dec 2018 23:00

Tgt Ion:	188	Resp:	146260
Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.1	7.7
80	6.6	6.1	9.1

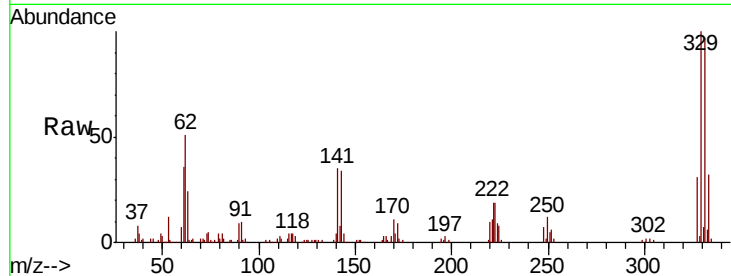




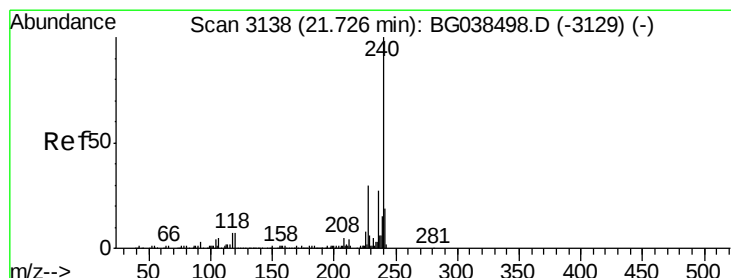
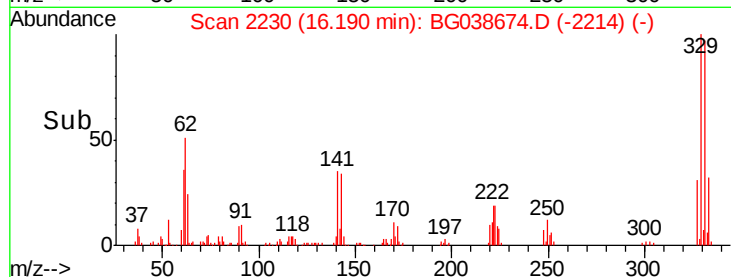
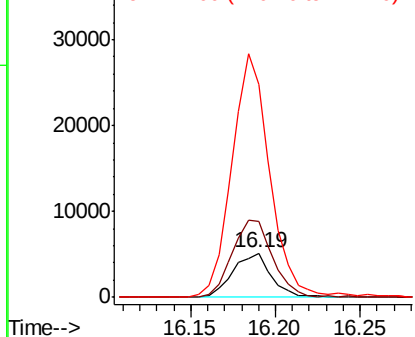
#67
4-Bromophenyl-phenylether
Concen: 4.528 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.44 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Instrument :
BNA_G
ClientSampleId :
DW-11

Tgt Ion:248 Resp: 8088
Ion Ratio Lower Upper
248 100
250 236.2 73.4 110.2#
141 482.1 52.9 79.3#

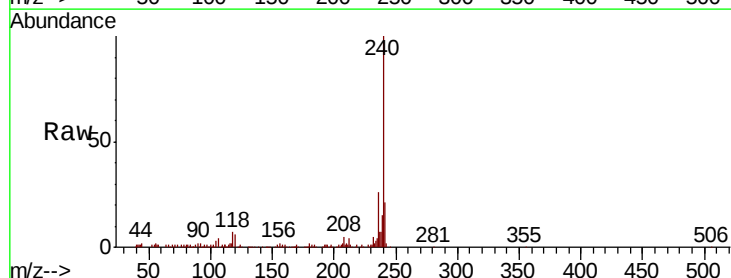


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

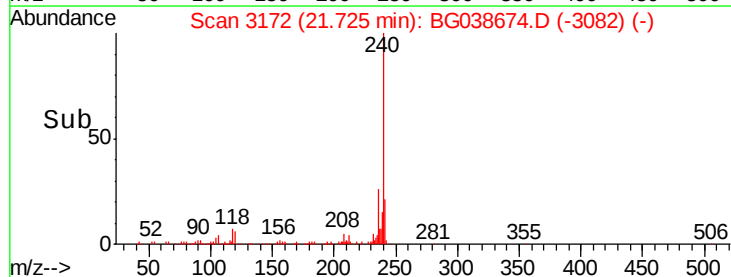
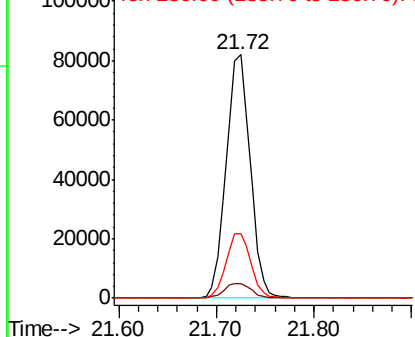


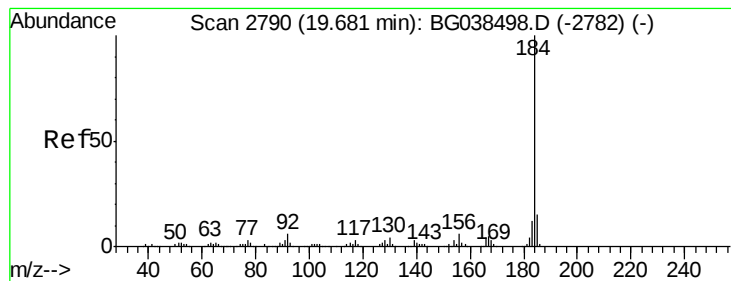
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038674.D
Acq: 17 Dec 2018 23:00

Tgt Ion:240 Resp: 140573
Ion Ratio Lower Upper
240 100
120 6.0 5.3 7.9
236 26.4 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: 2.937 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038674.D

Acq: 17 Dec 2018 23:00

Instrument :

BNA_G

ClientSampleId :

DW-11

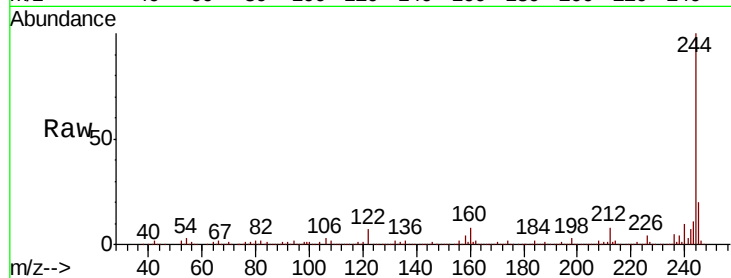
Tgt Ion:184 Resp: 12211

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

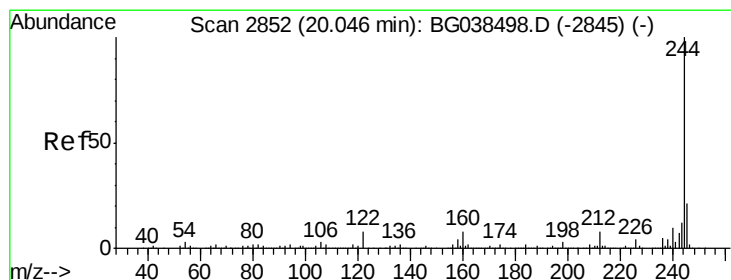
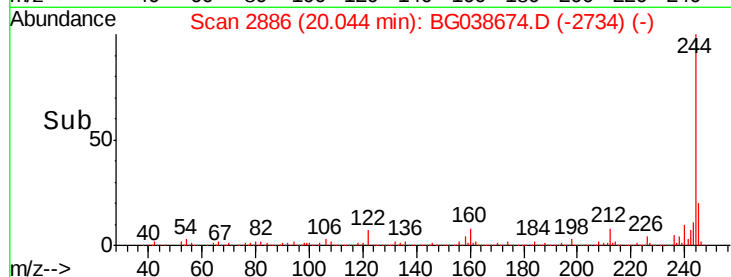
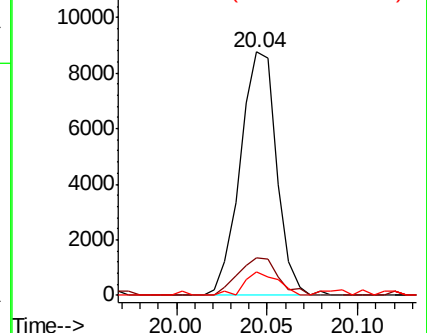
183 9.6 9.6 14.4



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: 98.877 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038674.D

Acq: 17 Dec 2018 23:00

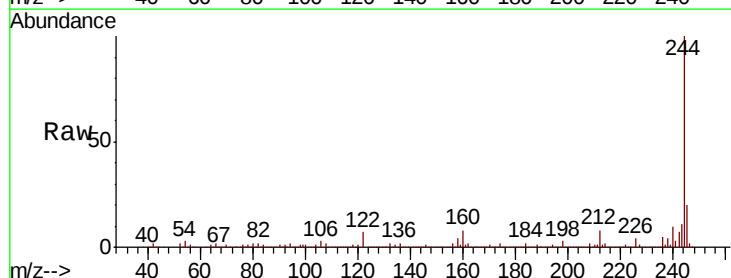
Tgt Ion:244 Resp: 638662

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

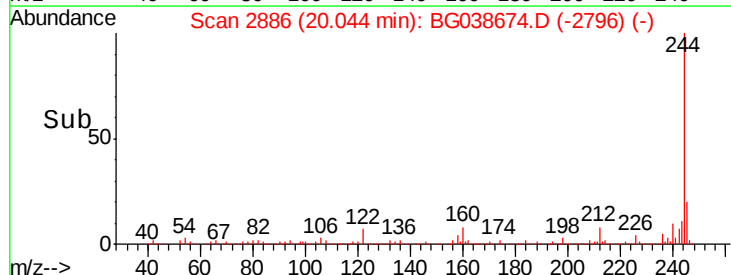
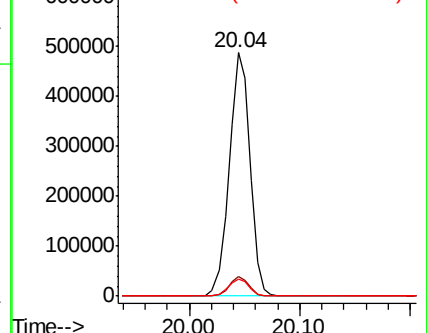
122 6.9 6.3 9.5

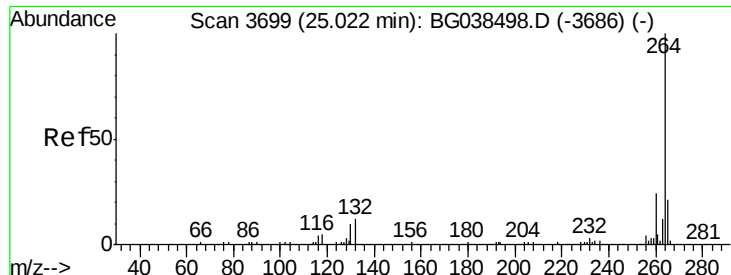


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG038674.D
Acq: 17 Dec 2018 23:00

Instrument :
BNA_G
ClientSampleId :
DW-11

Tgt Ion: 264 Resp: 158520
Ion Ratio Lower Upper
264 100
260 21.5 18.9 28.3
265 19.7 17.0 25.4

