

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121918\
 Data File : BG038738.D
 Acq On : 19 Dec 2018 22:24
 Operator : JU/SJ
 Sample : J6465-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB01_12-14

Quant Time: Dec 19 23:56:44 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

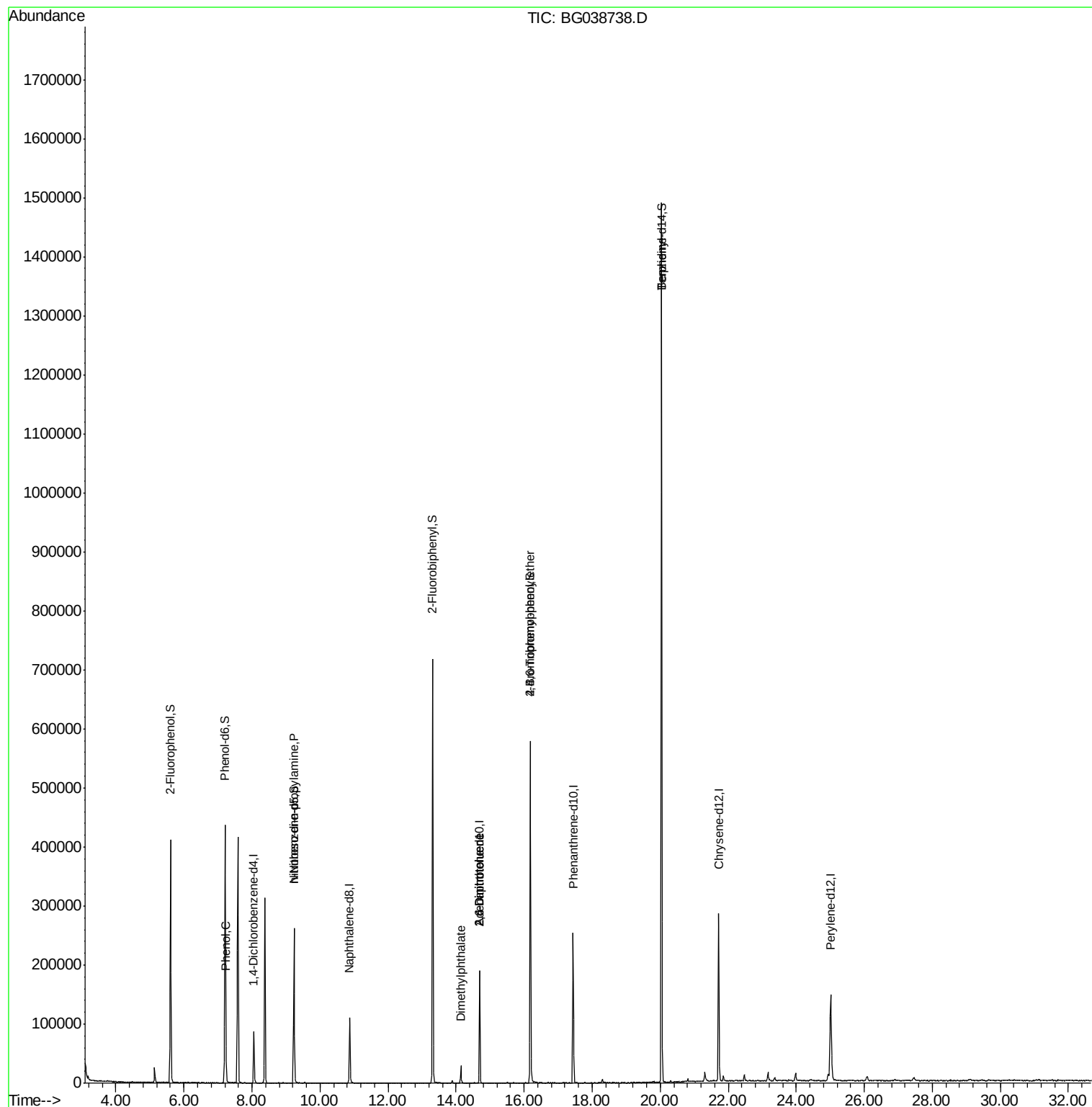
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24731	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	100628	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	69147	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	176230	20.00	ng	0.00
76) Chrysene-d12	21.72	240	184283	20.00	ng	0.00
87) Perylene-d12	25.01	264	188421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	183448	131.56	ng	0.00
7) Phenol-d6	7.21	99	250641	130.94	ng	0.00
23) Nitrobenzene-d5	9.23	82	154214	78.29	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	127320	133.60	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	402822	79.92	ng	0.00
79) Terphenyl-d14	20.04	244	762997	90.11	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12291	6.044	ng	88
19) n-Nitroso-di-n-propylamine	9.23	70	21013	15.630	ng	# 68
50) Dimethylphthalate	14.14	163	24785	4.389	ng	98
51) 2,6-Dinitrotoluene	14.69	165	8367	6.538	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	8367	4.642	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	8283	3.848	ng	# 1
77) Benzidine	20.04	184	12434	2.281	ng	# 92

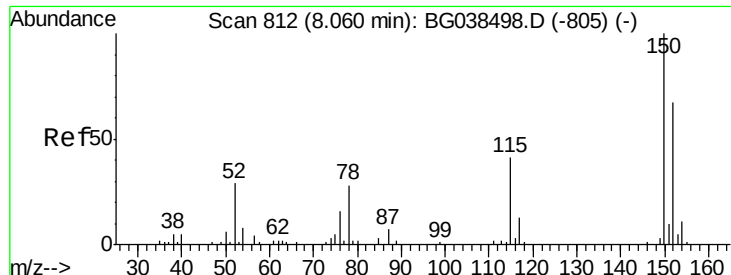
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121918\
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EB01_12-14

Quant Time: Dec 19 23:56:44 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



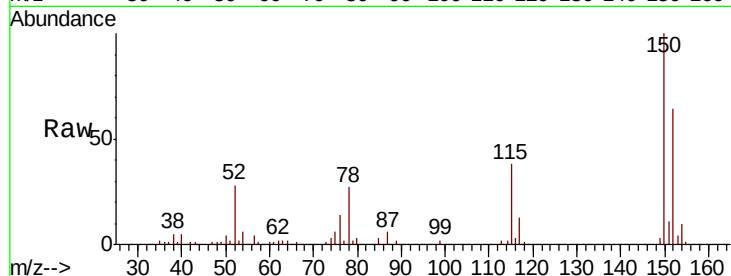


#1

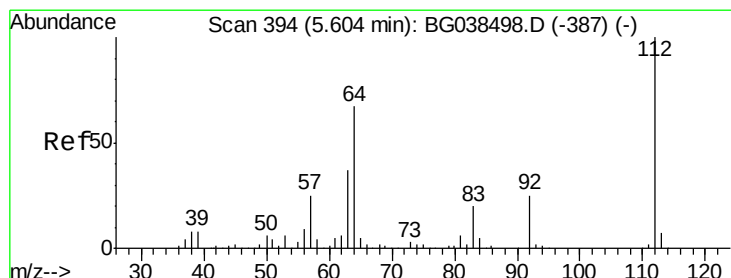
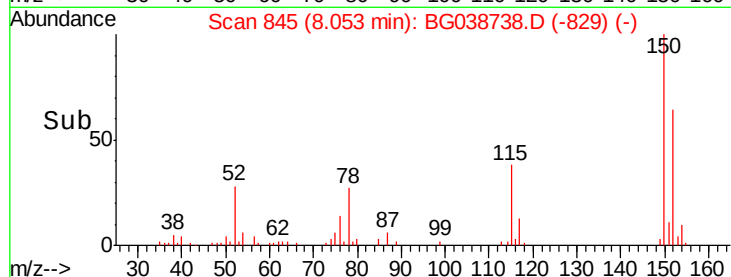
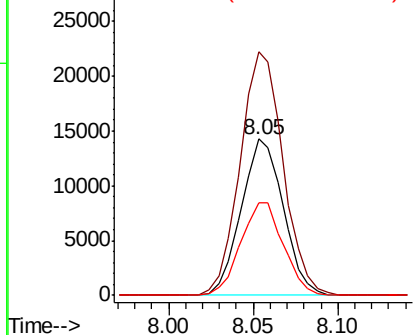
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038738.D
Acq: 19 Dec 2018 22:24

Instrument :
BNA_G
ClientSampleId :
EB01_12-14

Tgt Ion:152 Resp: 24731
Ion Ratio Lower Upper
152 100
150 155.7 119.5 179.3
115 59.3 49.6 74.4



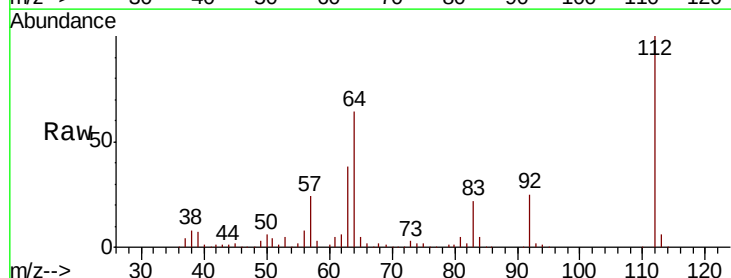
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



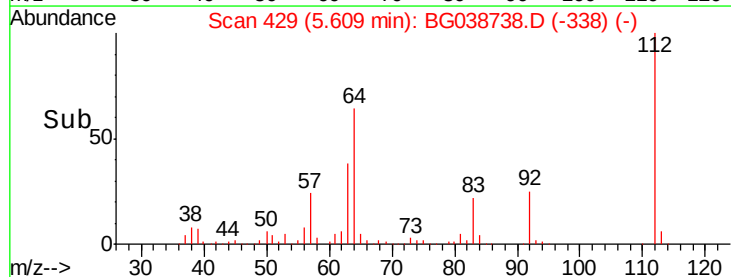
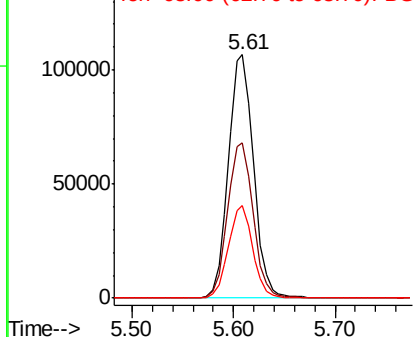
#5

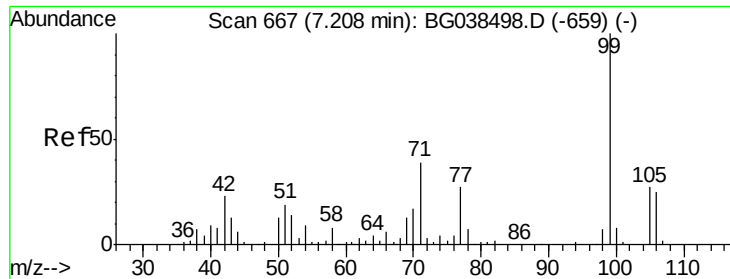
2-Fluorophenol
Concen: 131.565 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038738.D
Acq: 19 Dec 2018 22:24

Tgt Ion:112 Resp: 183448
Ion Ratio Lower Upper
112 100
64 63.6 53.4 80.2
63 38.0 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: 130.939 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038738.D

Acq: 19 Dec 2018 22:24

Instrument :

BNA_G

ClientSampleId :

EB01_12-14

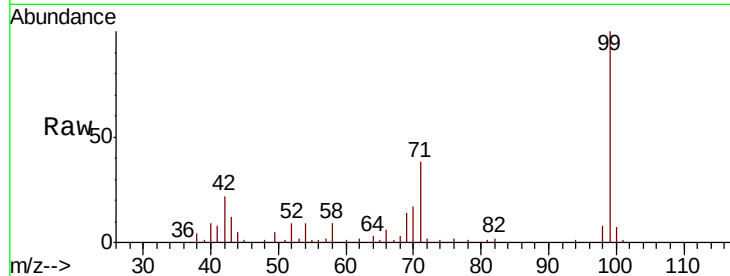
Tgt Ion: 99 Resp: 250641

Ion Ratio Lower Upper

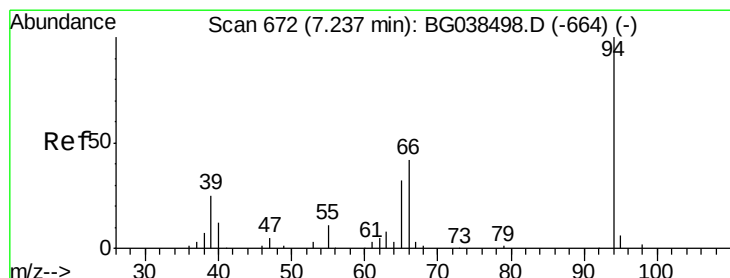
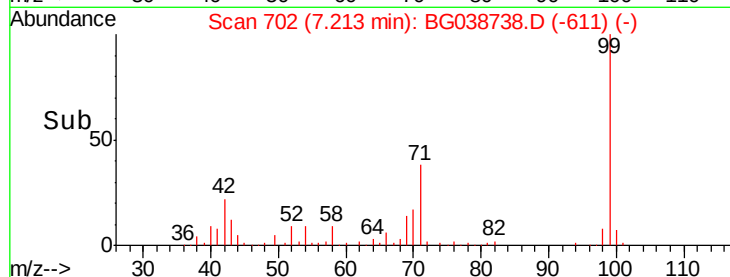
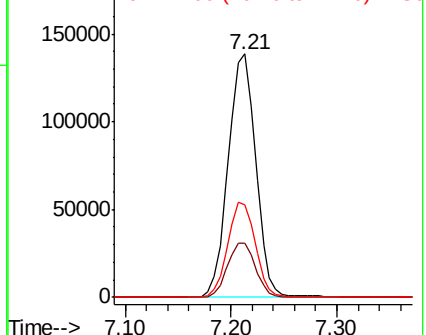
99 100

42 22.3 18.5 27.7

71 37.9 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: 6.044 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038738.D

Acq: 19 Dec 2018 22:24

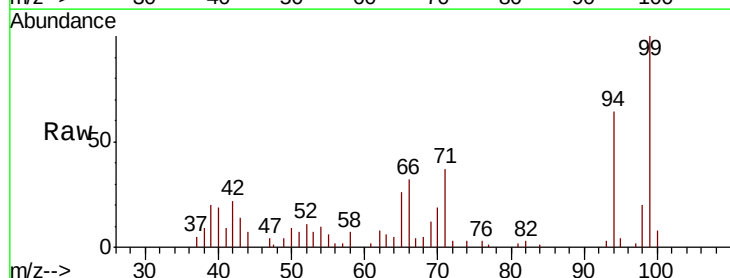
Tgt Ion: 94 Resp: 12291

Ion Ratio Lower Upper

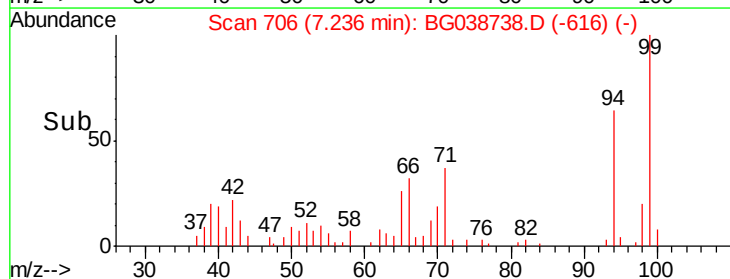
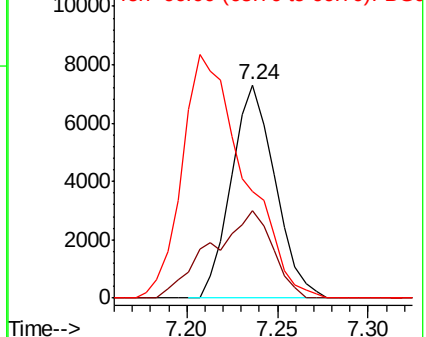
94 100

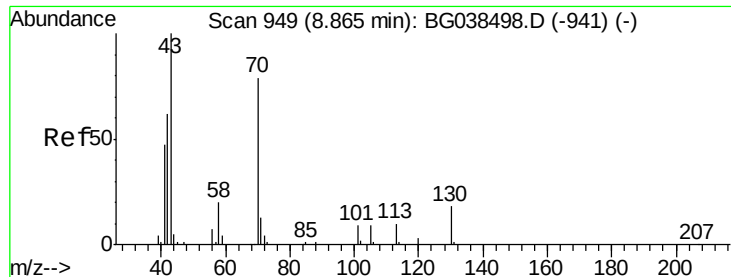
65 41.2 12.6 52.6

66 49.9 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

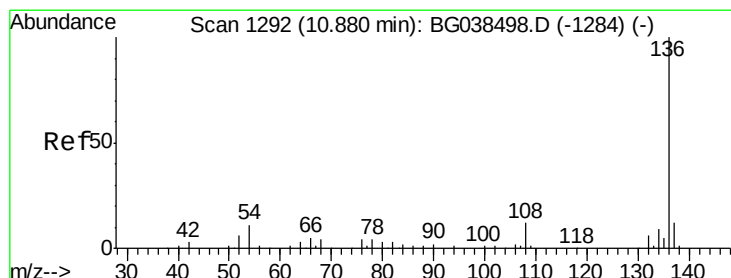
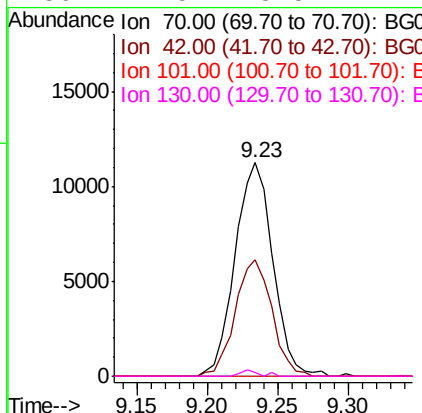
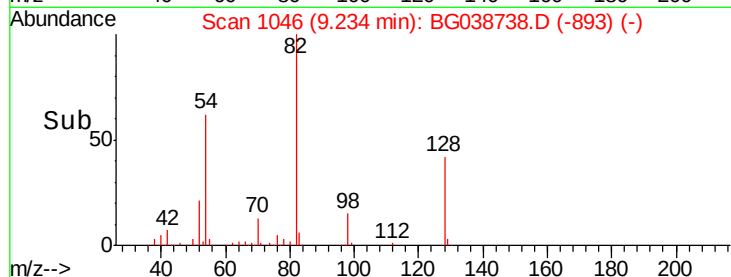
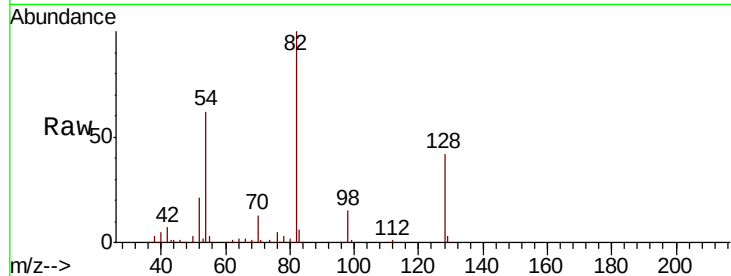




#19
n-Nitroso-di-n-propylamine
Concen: 15.630 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038738.D
Acq: 19 Dec 2018 22:24

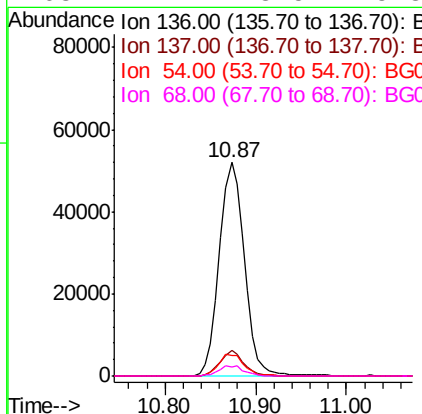
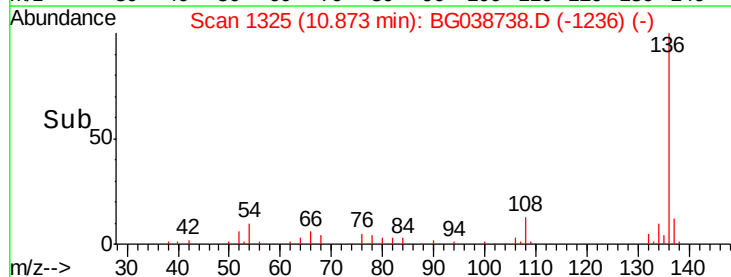
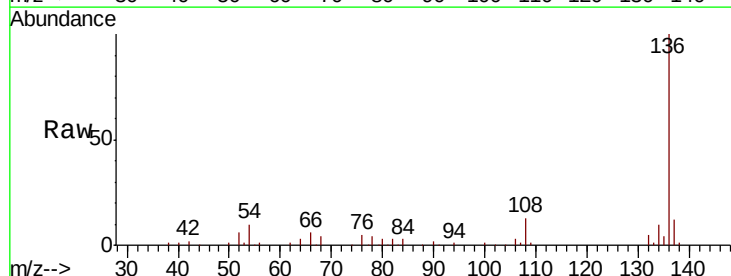
Instrument :
BNA_G
ClientSampleId :
EB01_12-14

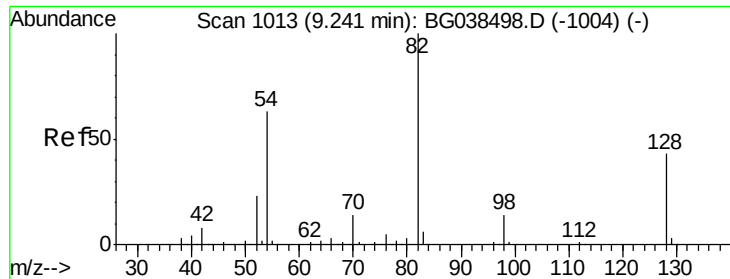
Tgt Ion: 70 Resp: 21013
Ion Ratio Lower Upper
70 100
42 54.6 63.6 95.4#
101 0.0 9.2 13.8#
130 1.5 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038738.D
Acq: 19 Dec 2018 22:24

Tgt Ion: 136 Resp: 100628
Ion Ratio Lower Upper
136 100
137 11.9 9.3 13.9
54 9.5 8.5 12.7
68 4.4 3.5 5.3

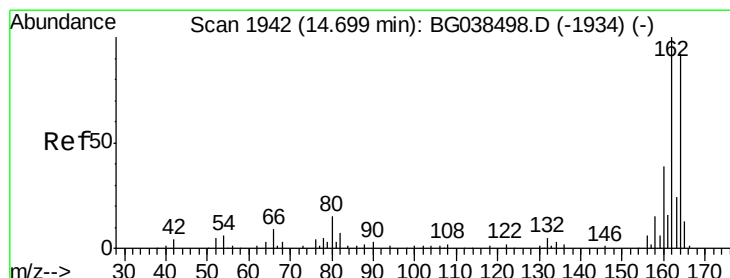
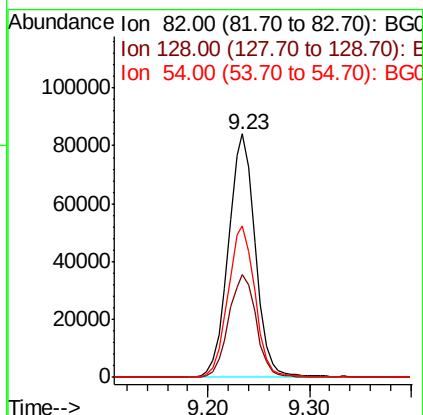
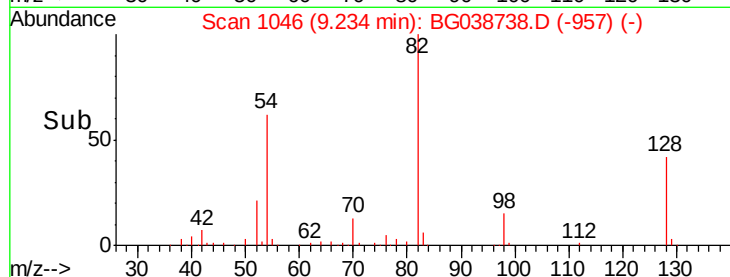
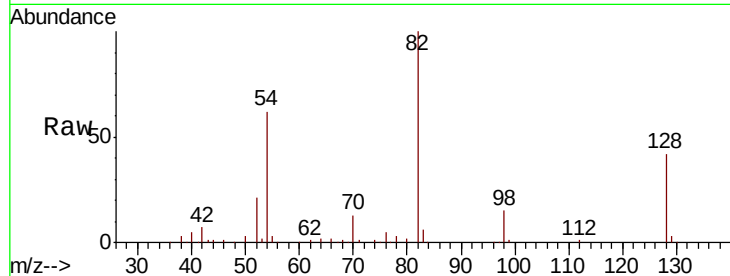




#23
 Nitrobenzene-d5
 Concen: 78.292 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038738.D
 Acq: 19 Dec 2018 22:24

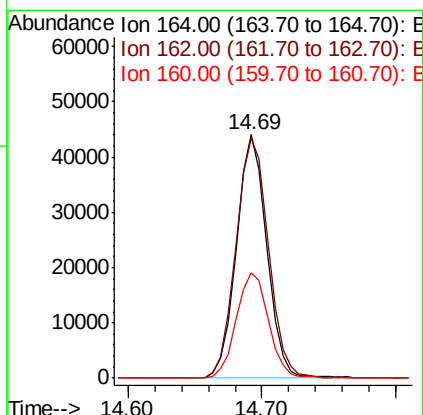
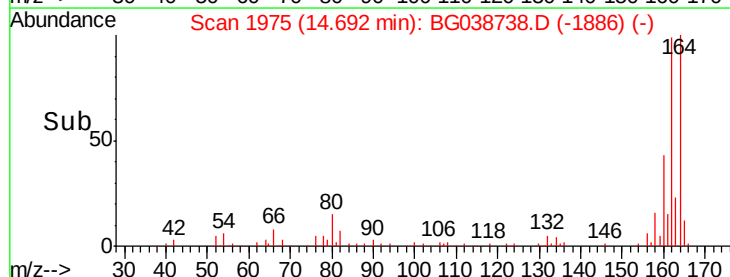
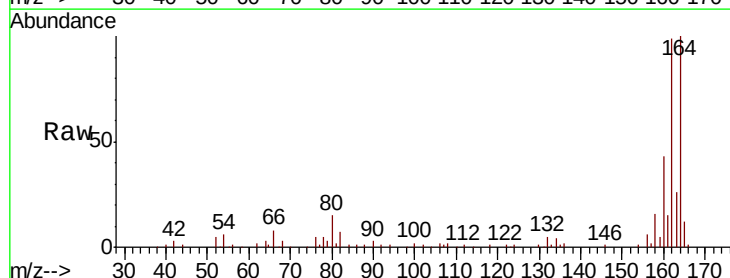
Instrument :
 BNA_G
 ClientSampled :
 EB01 12-14

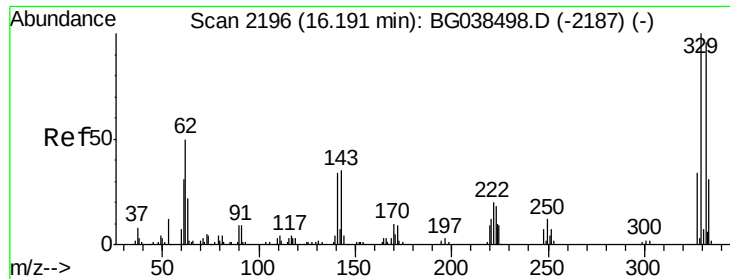
Tgt Ion: 82 Resp: 154214
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 52.0
 54 62.2 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038738.D
 Acq: 19 Dec 2018 22:24

Tgt Ion: 164 Resp: 69147
 Ion Ratio Lower Upper
 164 100
 162 98.7 86.6 130.0
 160 43.2 34.2 51.2

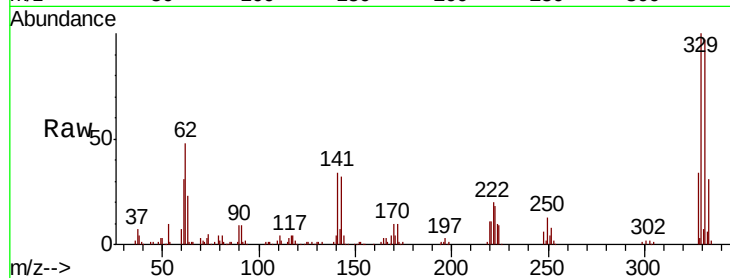




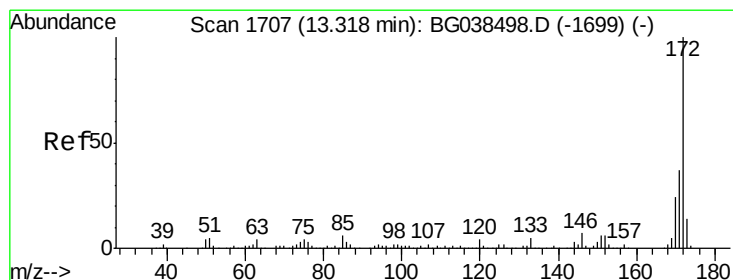
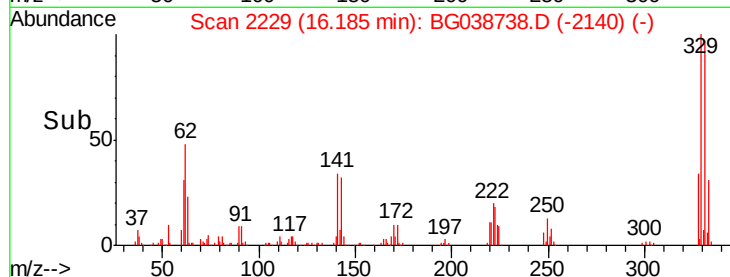
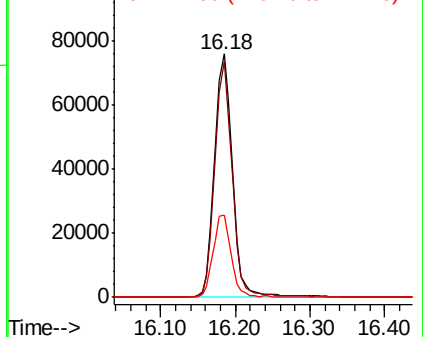
#42
 2,4,6-Tribromophenol
 Concen: 133.603 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038738.D
 Acq: 19 Dec 2018 22:24

Instrument :
 BNA_G
 ClientSampleId :
 EB01_12-14

Tgt Ion:330 Resp: 127320
 Ion Ratio Lower Upper
 330 100
 332 93.1 76.9 115.3
 141 33.7 28.8 43.2

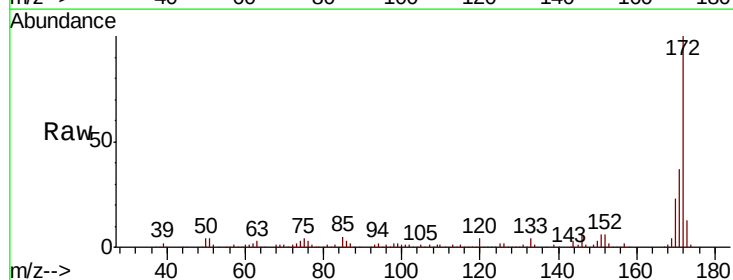


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

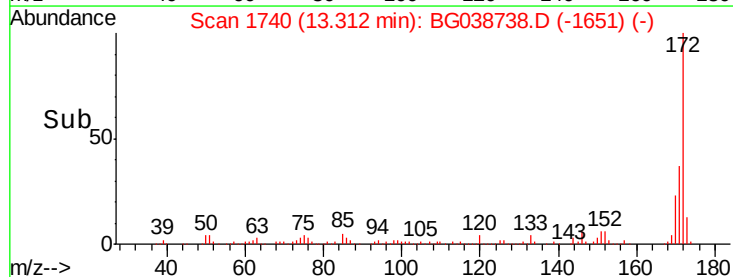
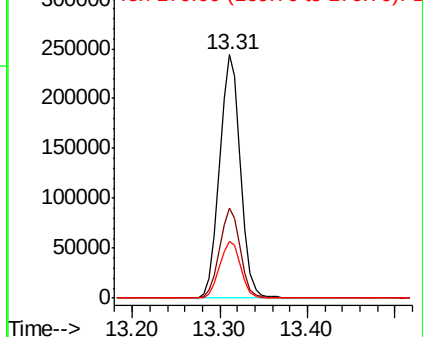


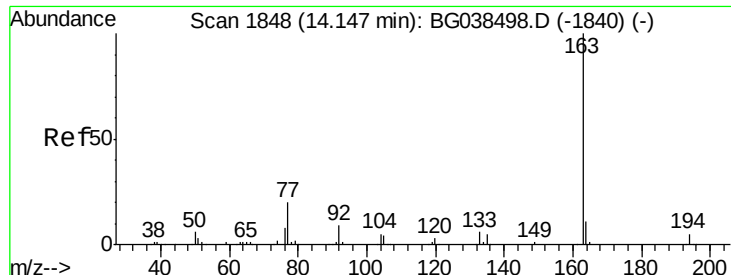
#45
 2-Fluorobiphenyl
 Concen: 79.918 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038738.D
 Acq: 19 Dec 2018 22:24

Tgt Ion:172 Resp: 402822
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 23.1 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: 4.389 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038738.D

Acq: 19 Dec 2018 22:24

Instrument :

BNA_G

ClientSampleId :

EB01_12-14

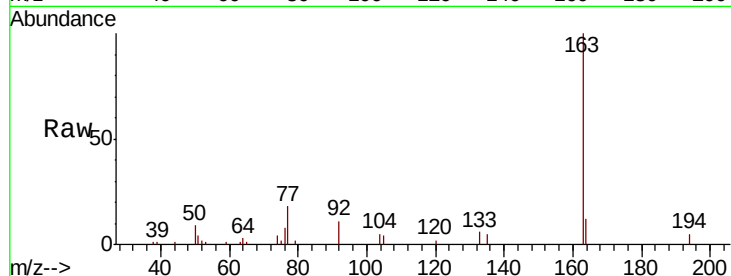
Tgt Ion:163 Resp: 24785

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

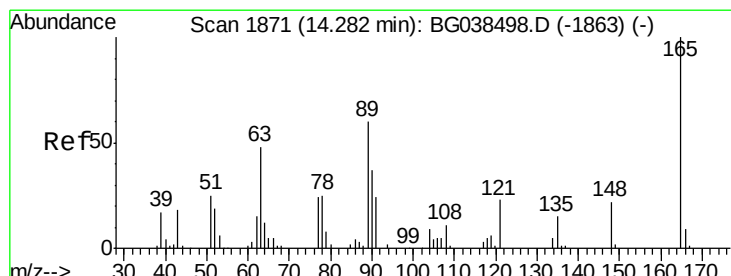
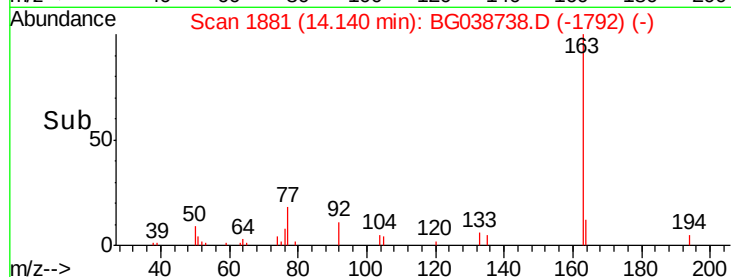
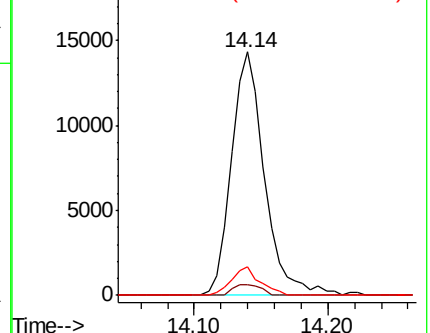
164 11.5 8.6 12.8



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



#51

2,6-Dinitrotoluene

Concen: 6.538 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.41 min

Lab File: BG038738.D

Acq: 19 Dec 2018 22:24

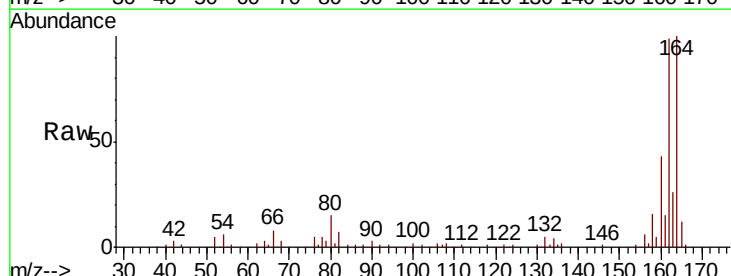
Tgt Ion:165 Resp: 8367

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

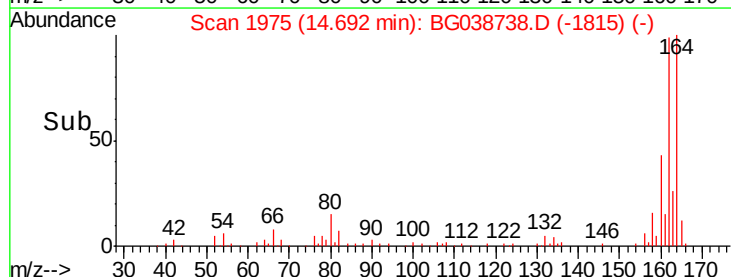
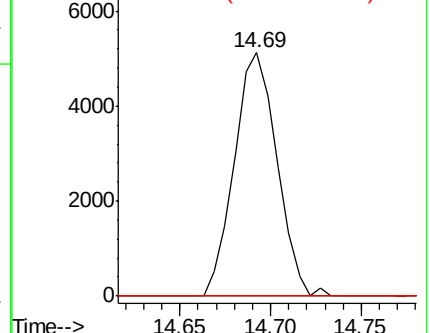
89 0.0 47.9 71.9#

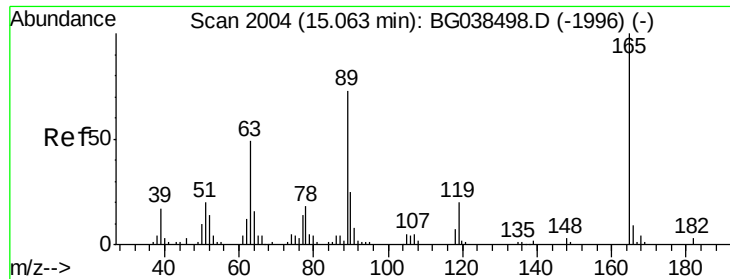


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

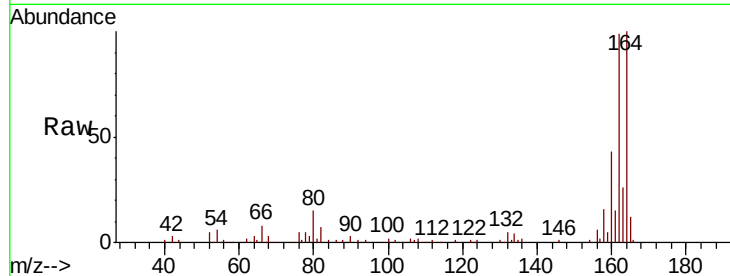




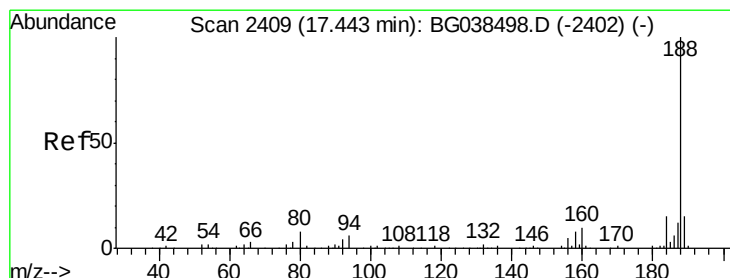
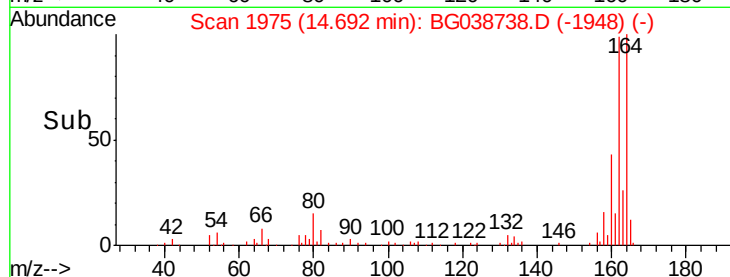
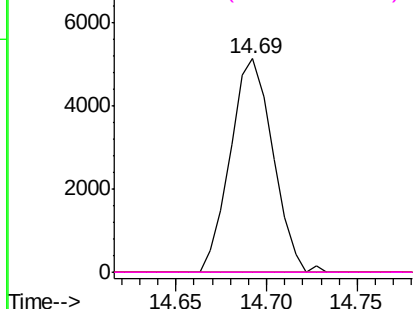
#57
 2,4-Dinitrotoluene
 Concen: 4.642 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038738.D
 Acq: 19 Dec 2018 22:24

Instrument :
 BNA_G
 ClientSampleId :
 EB01_12-14

Tgt Ion:	165	Resp:	8367
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#

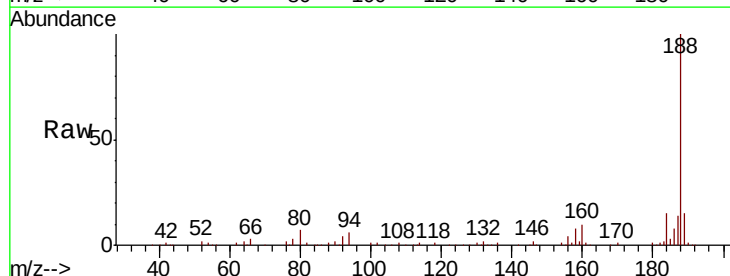


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

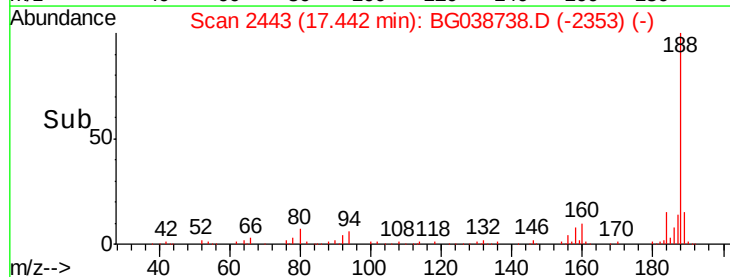
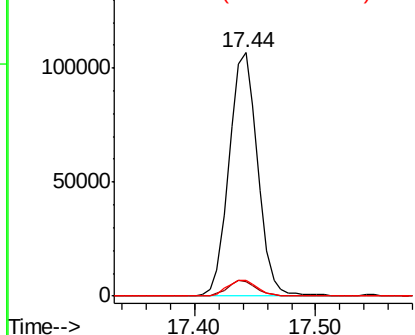


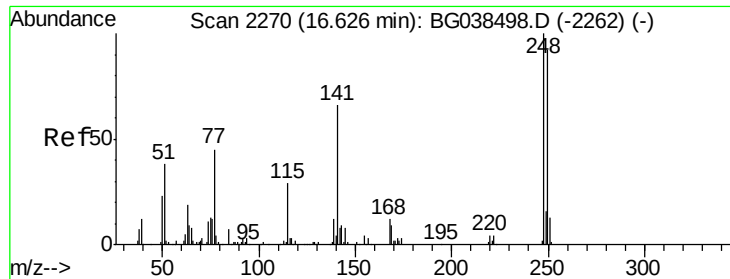
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038738.D
 Acq: 19 Dec 2018 22:24

Tgt Ion:	188	Resp:	176230
Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.1	7.7
80	6.5	6.1	9.1



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

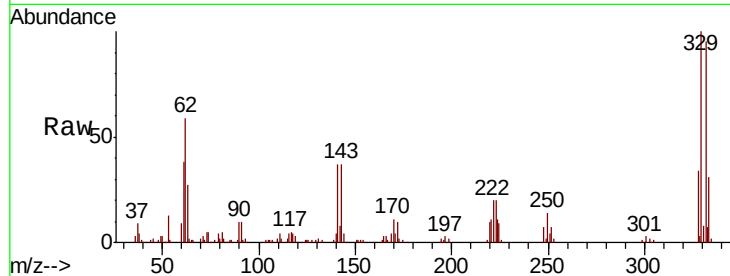




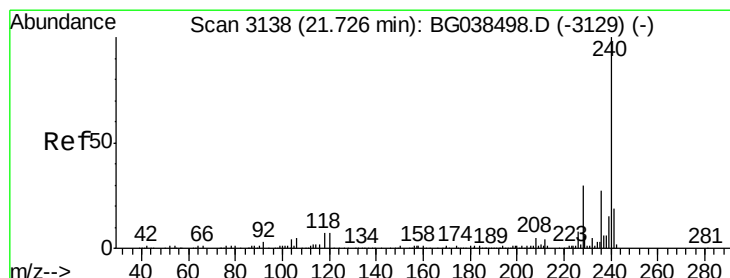
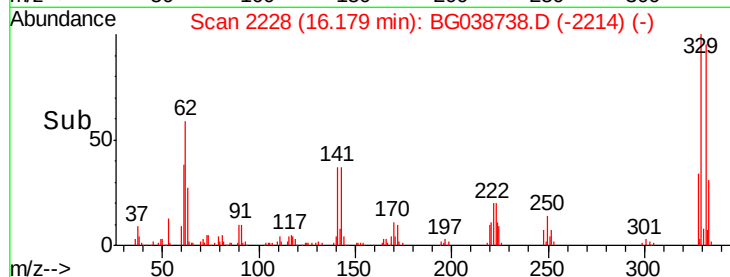
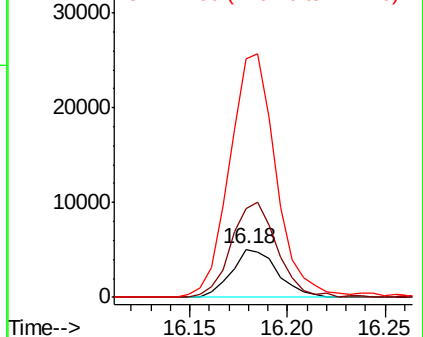
#67
 4-Bromophenyl-phenylether
 Concen: 3.848 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.45 min
 Lab File: BG038738.D
 Acq: 19 Dec 2018 22:24

Instrument :
 BNA_G
 ClientSampleId :
 EB01_12-14

Tgt Ion:248 Resp: 8283
 Ion Ratio Lower Upper
 248 100
 250 242.5 73.4 110.2#
 141 496.1 52.9 79.3#

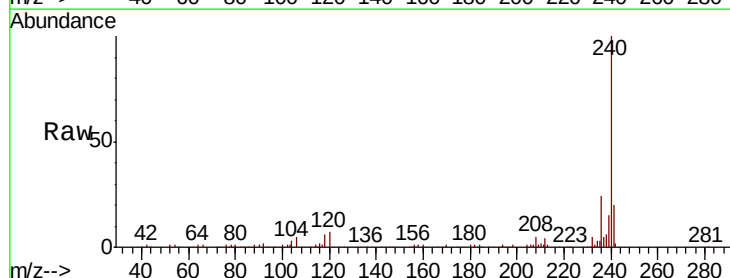


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

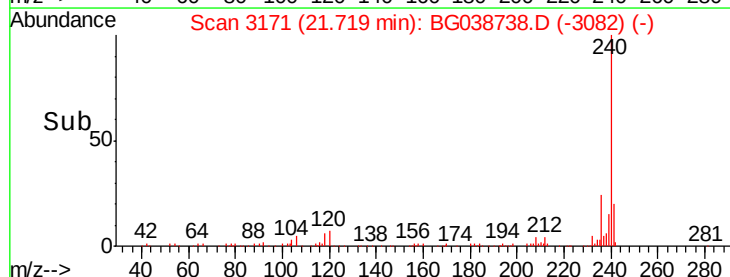
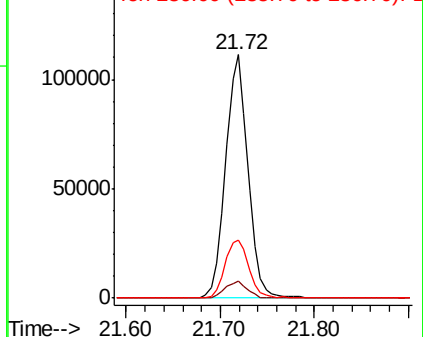


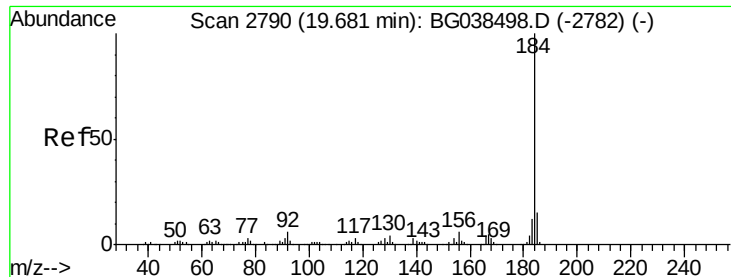
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038738.D
 Acq: 19 Dec 2018 22:24

Tgt Ion:240 Resp: 184283
 Ion Ratio Lower Upper
 240 100
 120 6.9 5.3 7.9
 236 23.9 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: 2.281 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.36 min

Lab File: BG038738.D

Acq: 19 Dec 2018 22:24

Instrument :

BNA_G

ClientSampleId :

EB01 12-14

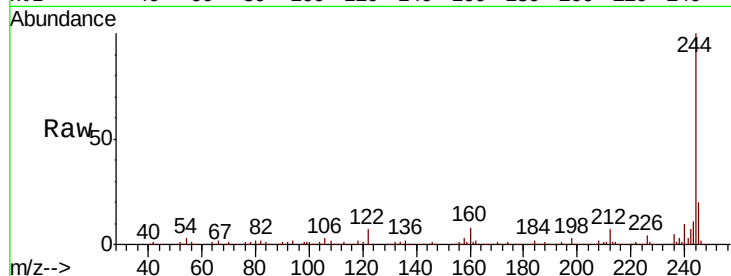
Tgt Ion:184 Resp: 12434

Ion Ratio Lower Upper

184 100

185 13.2 12.2 18.2

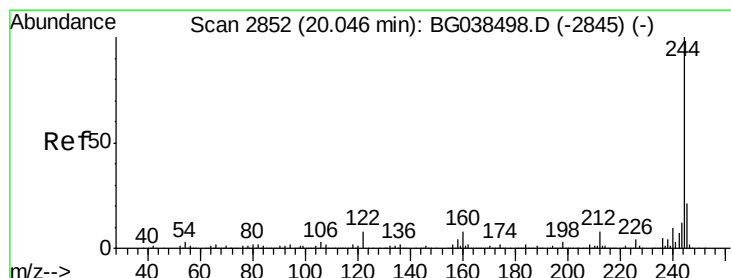
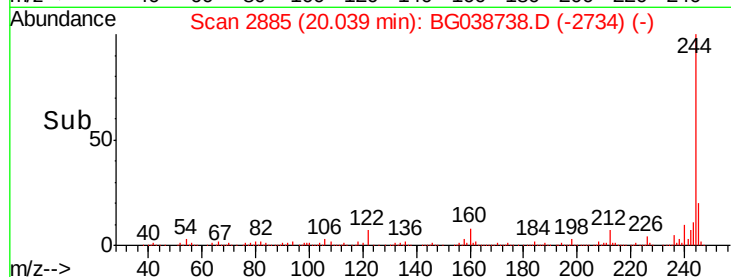
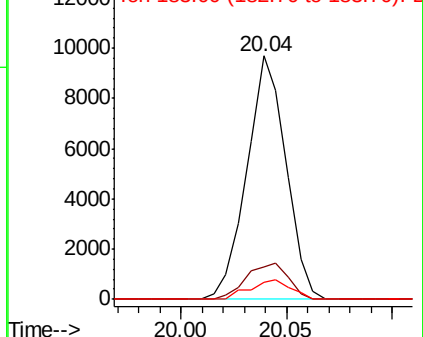
183 7.1 9.6 14.4#



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: 90.108 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038738.D

Acq: 19 Dec 2018 22:24

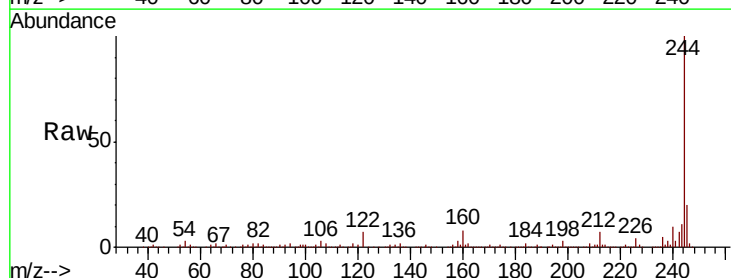
Tgt Ion:244 Resp: 762997

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

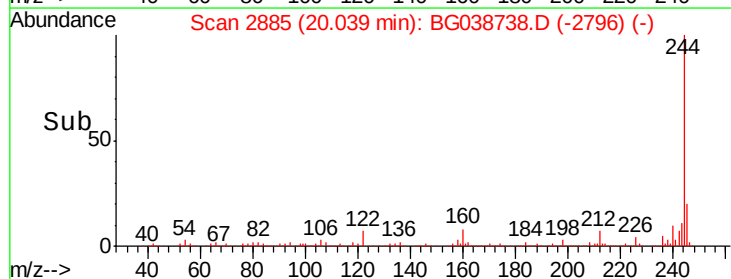
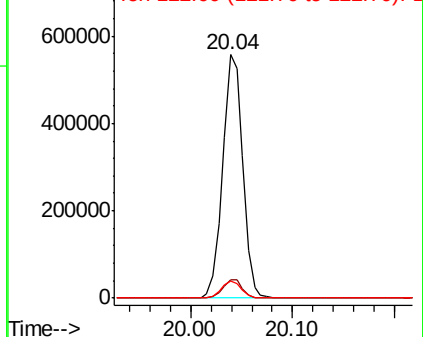
122 7.2 6.3 9.5

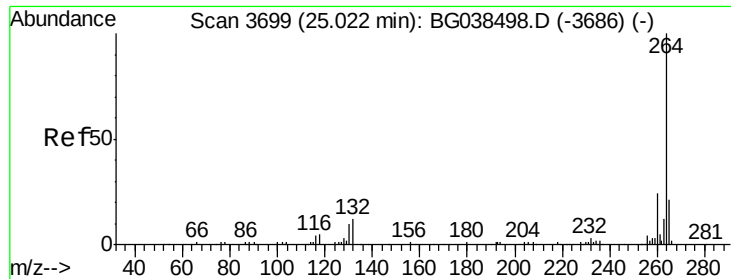


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038738.D
Acq: 19 Dec 2018 22:24

Instrument :
BNA_G
ClientSampleId :
EB01_12-14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	22.1	17.0	25.4

