

Data File : BG038620.D
Acq On : 16 Dec 2018 1:28
Operator : JU/SJ
Sample : PB115432TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115432TB

Quant Time: Dec 16 04:15:17 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

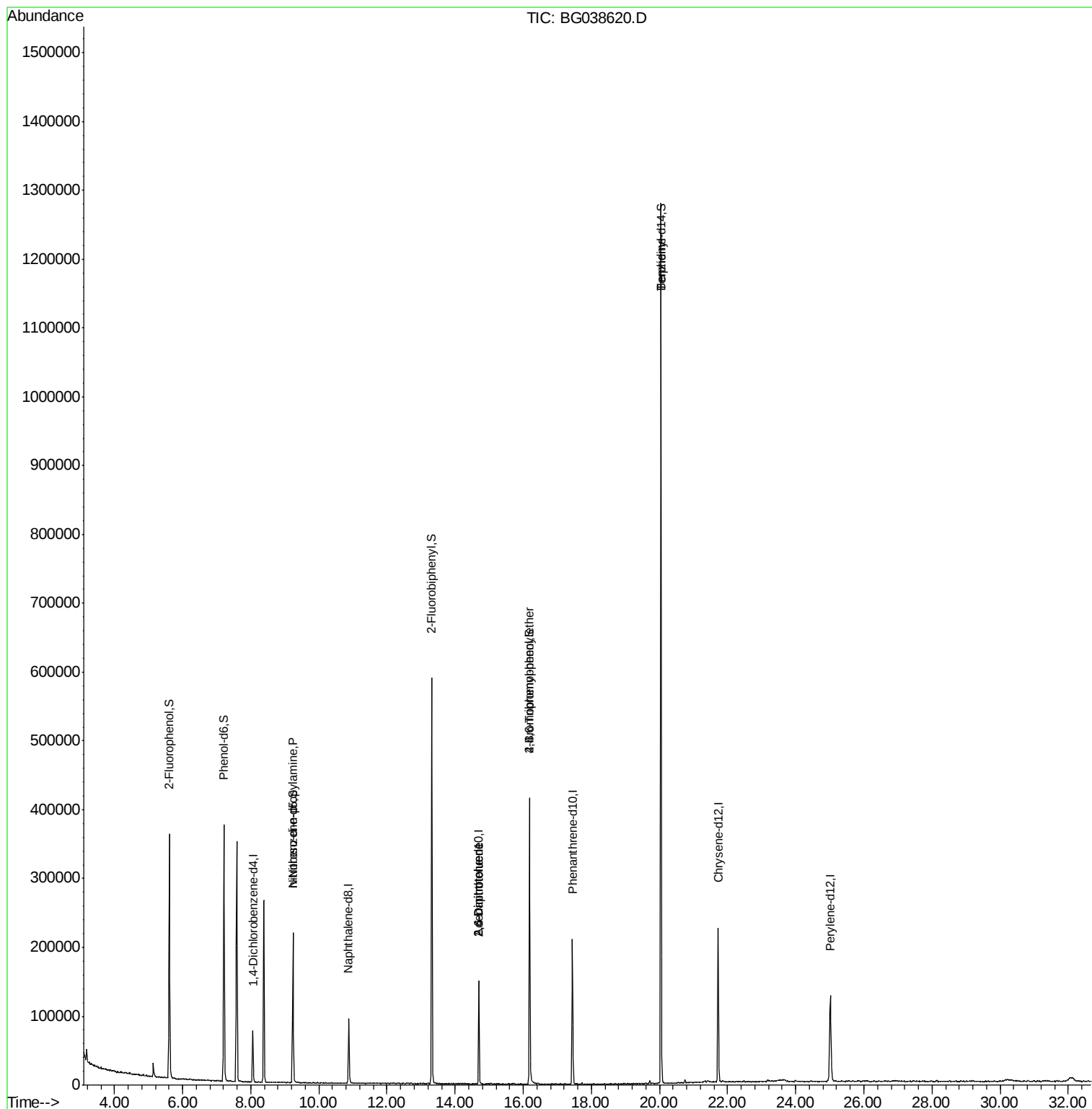
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22173	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	86850	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	55040	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	142899	20.00	ng	0.00
76) Chrysene-d12	21.72	240	155562	20.00	ng	0.00
87) Perylene-d12	25.01	264	161872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	156090	124.86	ng	0.00
7) Phenol-d6	7.21	99	207382	120.84	ng	0.00
23) Nitrobenzene-d5	9.24	82	133763	78.68	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	84901	111.93	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	313071	78.03	ng	0.00
79) Terphenyl-d14	20.04	244	615428	86.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	18445	15.303	ng	# 69
51) 2,6-Dinitrotoluene	14.70	165	6664	6.542	ng	# 22
57) 2,4-Dinitrotoluene	14.70	165	6664	4.645	ng	# 24
67) 4-Bromophenyl-phenylether	16.19	248	5954	3.412	ng	# 1
77) Benzidine	20.04	184	10516	2.286	ng	# 94

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

Data File : BG038620.D
Acq On : 16 Dec 2018 1:28
Operator : JU/SJ
Sample : PB115432TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115432TB

Quant Time: Dec 16 04:15:17 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



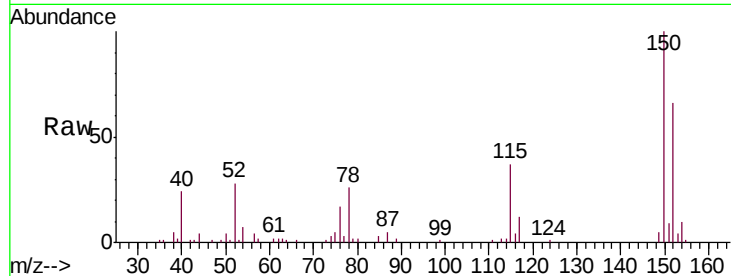


#1

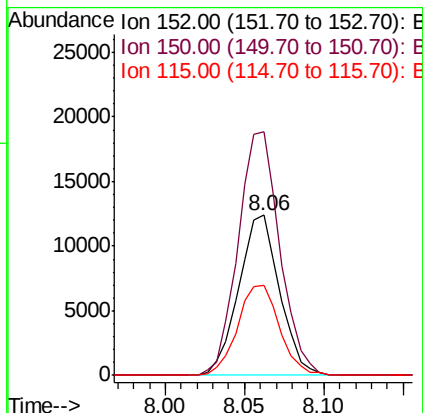
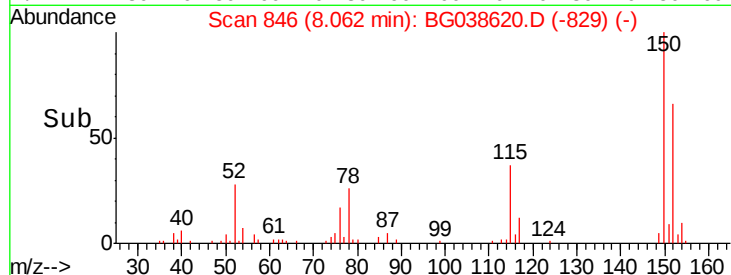
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038620.D
Acq: 16 Dec 2018 1:28

Instrument :
BNA_G
ClientSampleId :
PB115432TB

Tgt Ion:152 Resp: 22173
Ion Ratio Lower Upper
152 100
150 151.9 119.5 179.3
115 56.5 49.6 74.4



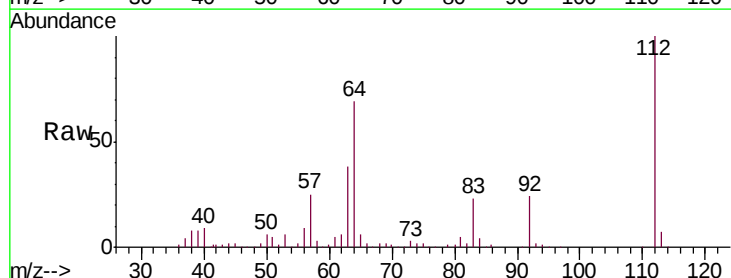
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



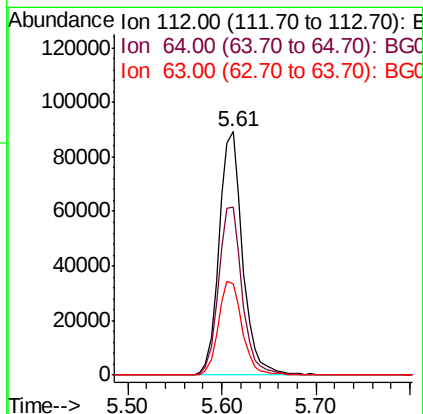
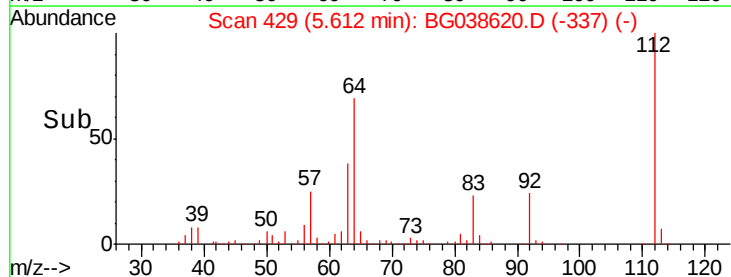
#5

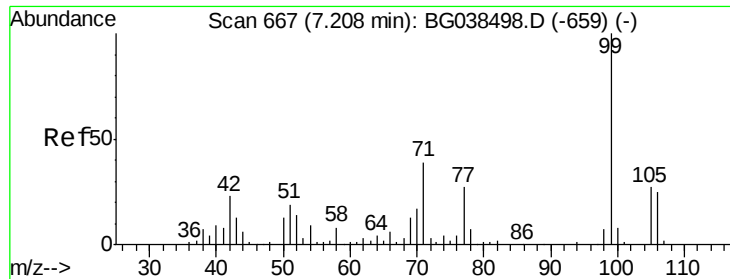
2-Fluorophenol
Concen: 124.859 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038620.D
Acq: 16 Dec 2018 1:28

Tgt Ion:112 Resp: 156090
Ion Ratio Lower Upper
112 100
64 69.1 53.4 80.2
63 37.6 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: 120.839 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038620.D

Acq: 16 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115432TB

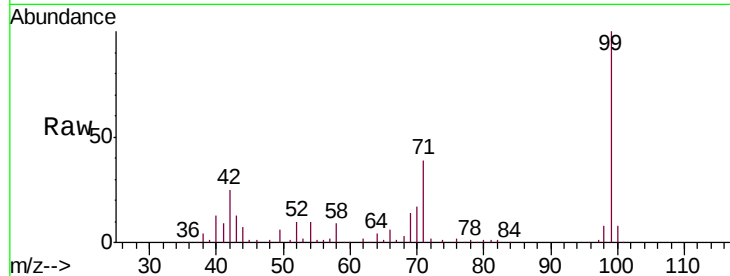
Tgt Ion: 99 Resp: 207382

Ion Ratio Lower Upper

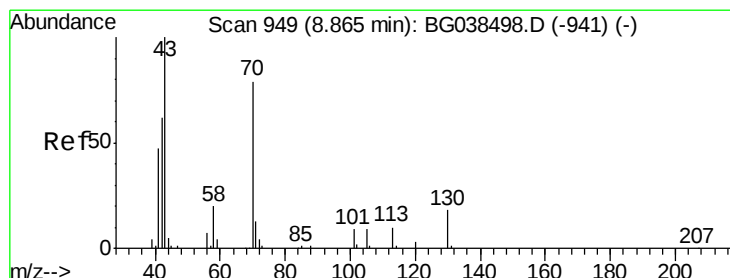
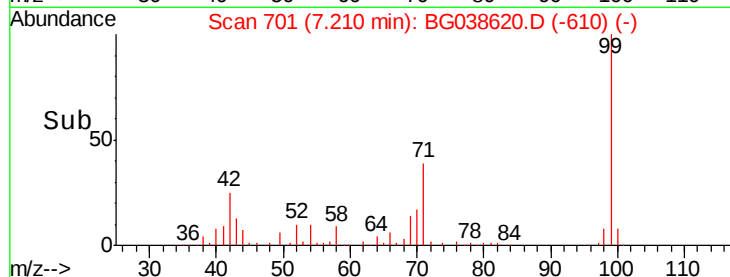
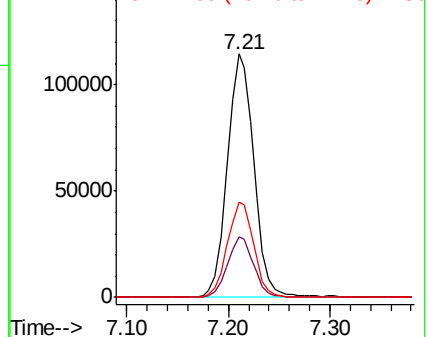
99 100

42 24.7 18.5 27.7

71 39.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.303 ng

RT: 9.24 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038620.D

Acq: 16 Dec 2018 1:28

Tgt Ion: 70 Resp: 18445

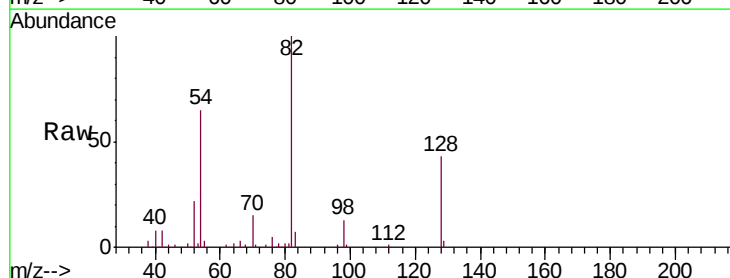
Ion Ratio Lower Upper

70 100

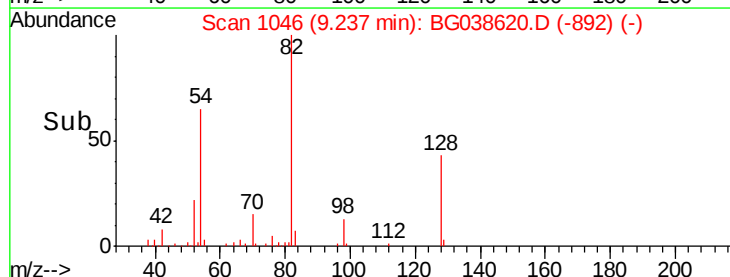
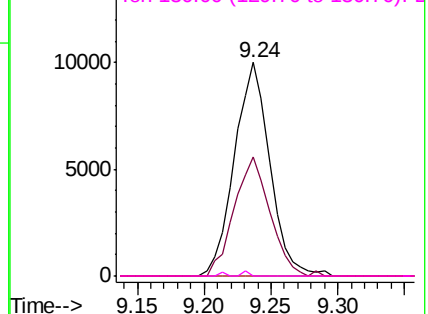
42 55.9 63.6 95.4#

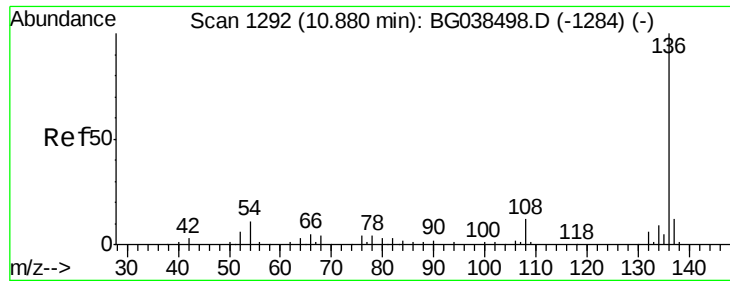
101 0.0 9.2 13.8#

130 0.0 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

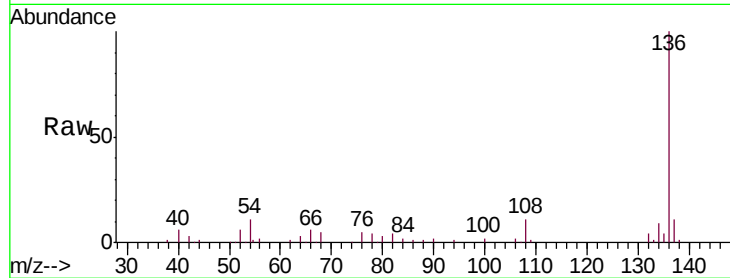




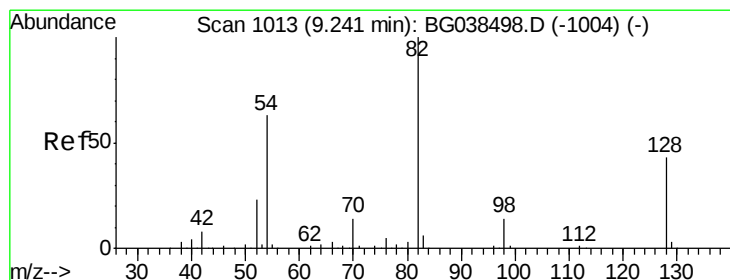
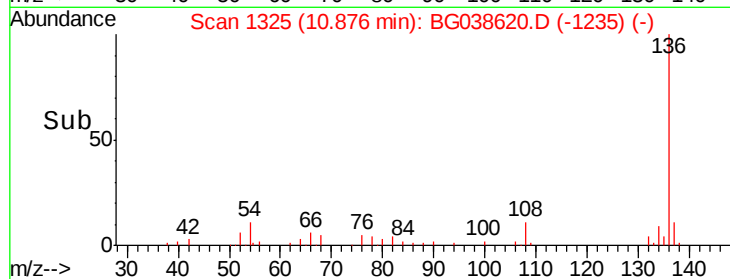
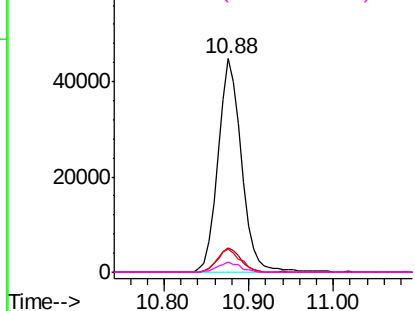
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038620.D
Acq: 16 Dec 2018 1:28

Instrument :
BNA_G
ClientSampleId :
PB115432TB

Tgt Ion: 136 Resp: 86850
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 11.1 8.5 12.7
68 5.0 3.5 5.3

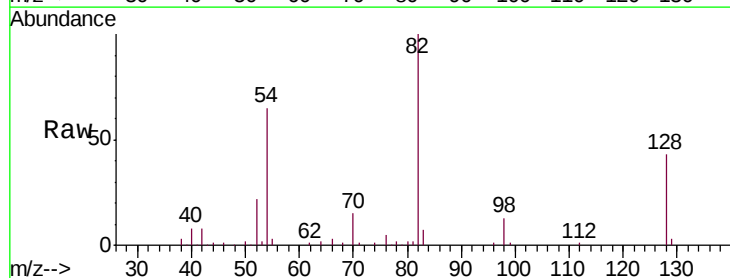


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

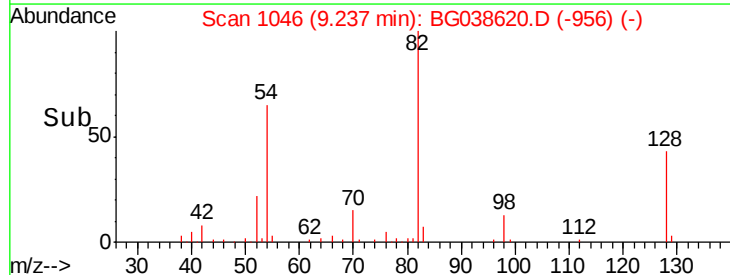
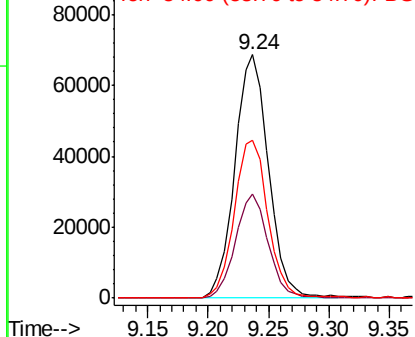


#23
Nitrobenzene-d5
Concen: 78.682 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038620.D
Acq: 16 Dec 2018 1:28

Tgt Ion: 82 Resp: 133763
Ion Ratio Lower Upper
82 100
128 43.0 34.6 52.0
54 65.0 50.6 76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038620.D

Acq: 16 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115432TB

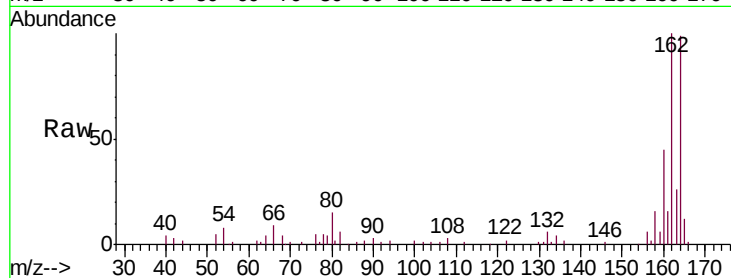
Tgt Ion:164 Resp: 55040

Ion Ratio Lower Upper

164 100

162 101.4 86.6 130.0

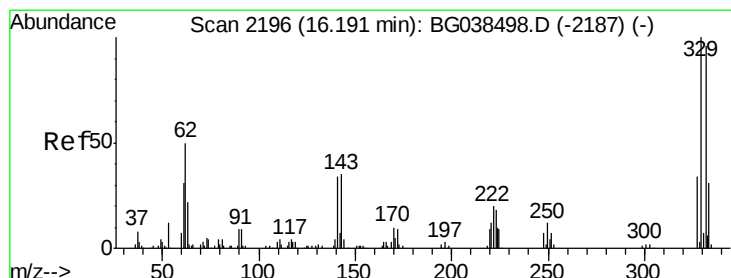
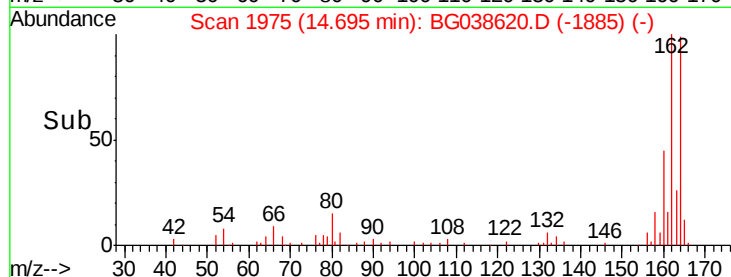
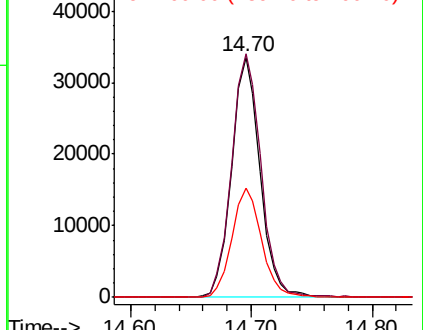
160 45.5 34.2 51.2



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: 111.925 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038620.D

Acq: 16 Dec 2018 1:28

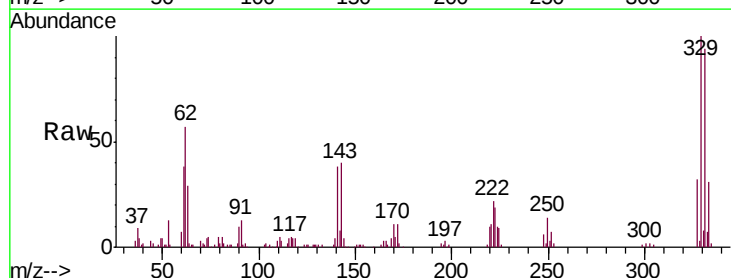
Tgt Ion:330 Resp: 84901

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

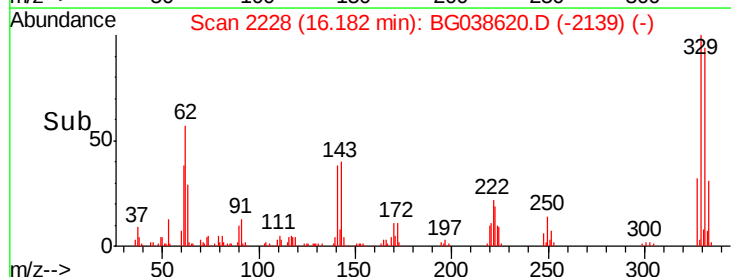
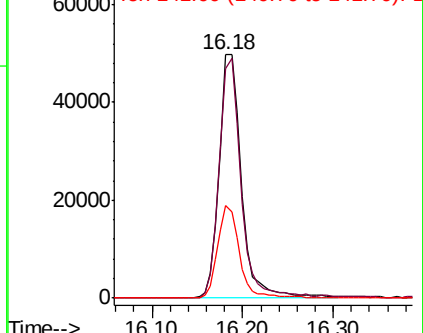
141 36.8 28.8 43.2

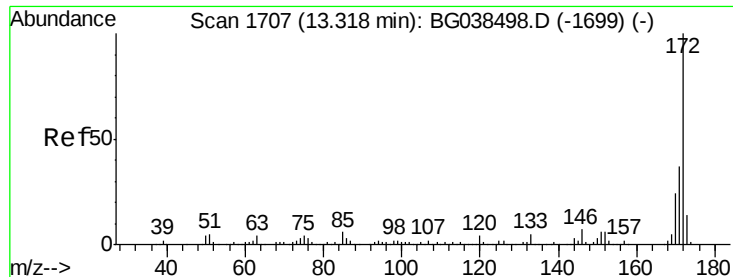


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

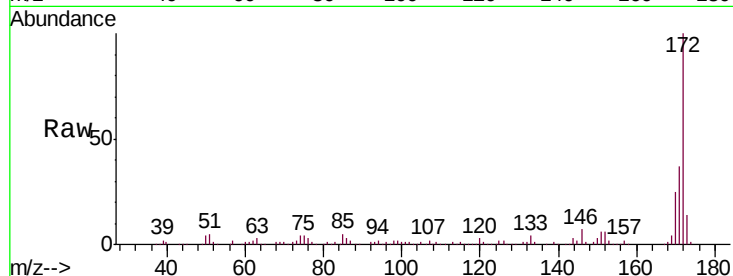




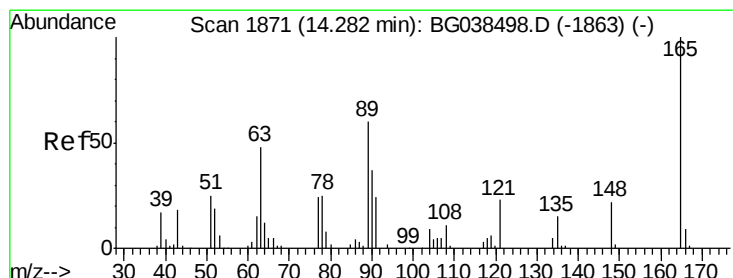
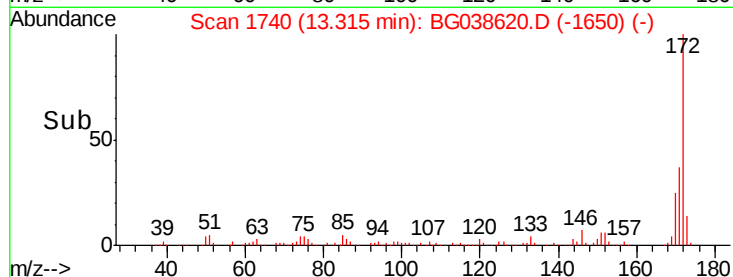
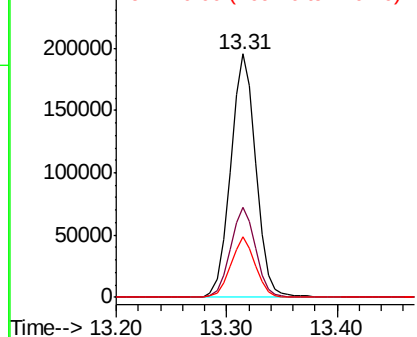
#45
 2-Fluorobiphenyl
 Concen: 78.032 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038620.D
 Acq: 16 Dec 2018 1:28

Instrument :
 BNA_G
 ClientSampleId :
 PB115432TB

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	24.7	19.5	29.3

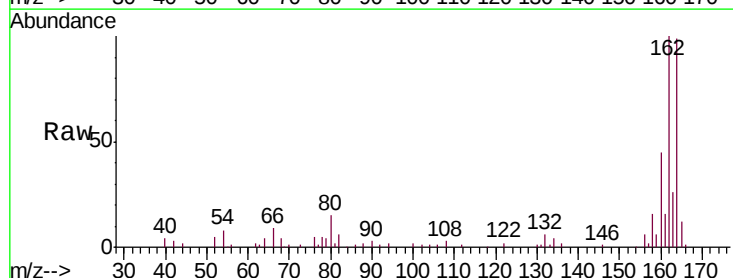


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

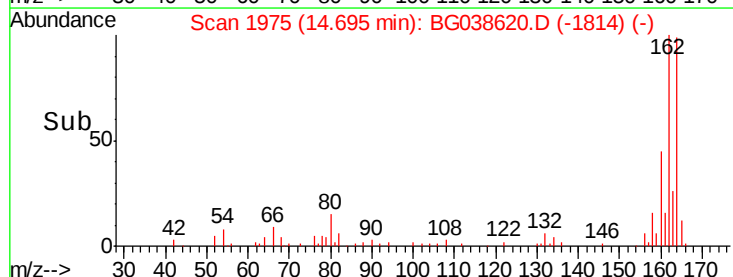
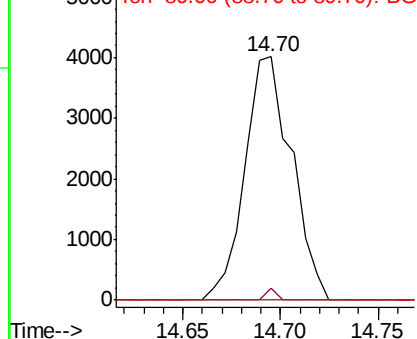


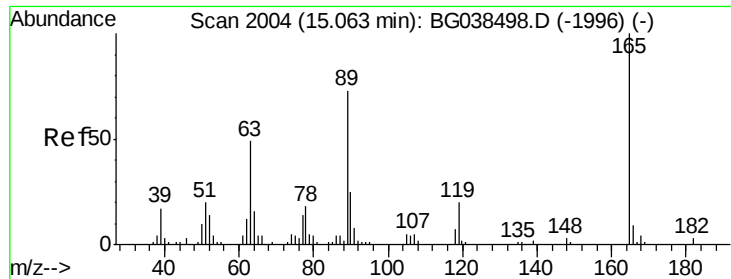
#51
 2,6-Dinitrotoluene
 Concen: 6.542 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038620.D
 Acq: 16 Dec 2018 1:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	4.7	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

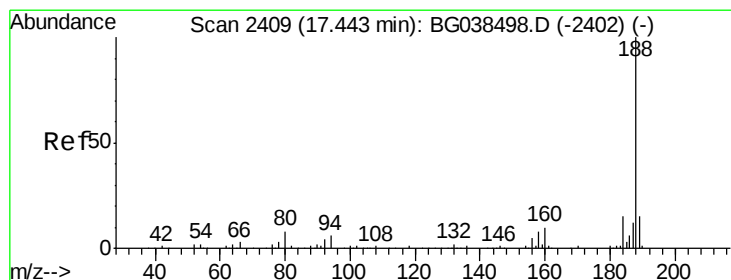
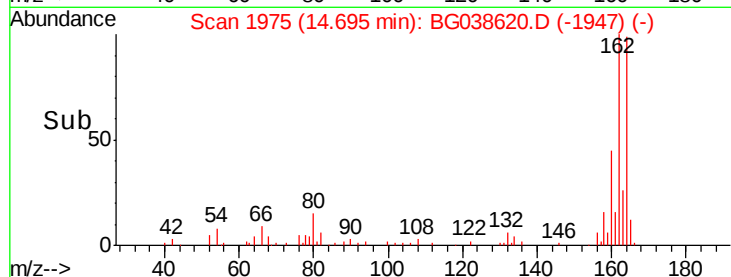
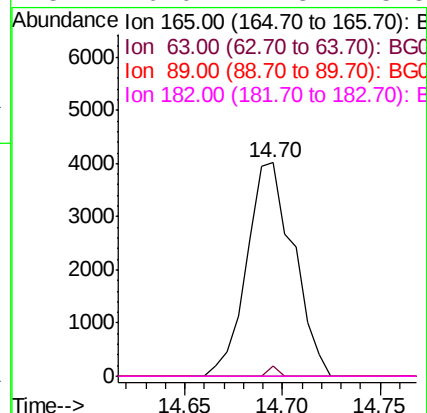
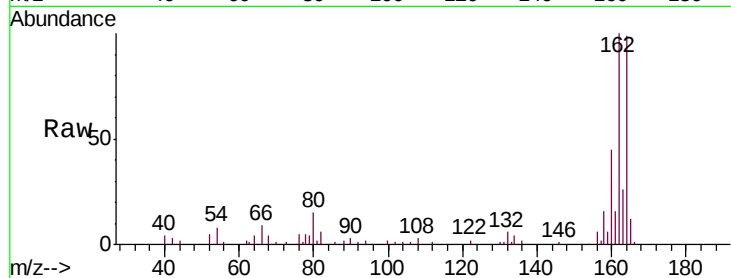




#57
 2,4-Dinitrotoluene
 Concen: 4.645 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038620.D
 Acq: 16 Dec 2018 1:28

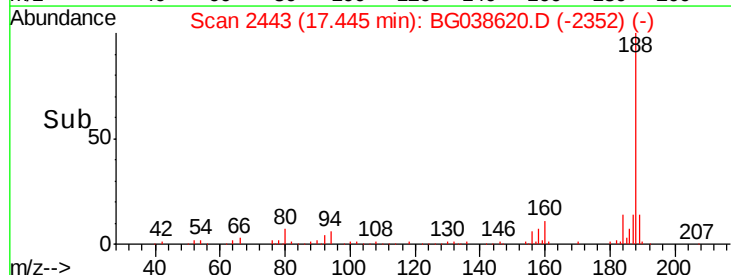
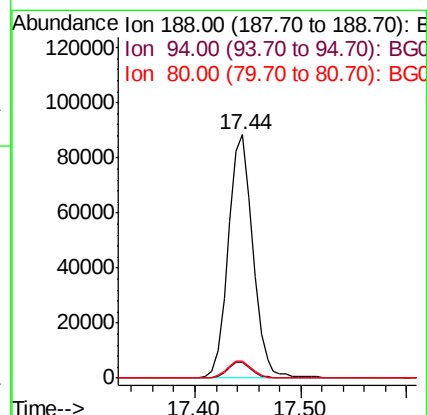
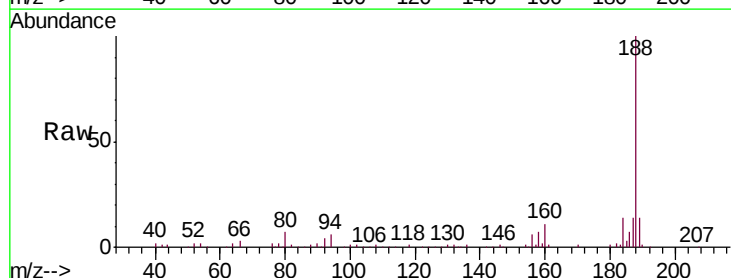
Instrument :
 BNA_G
 ClientSampleId :
 PB115432TB

Tgt Ion:	165	Resp:	6664
Ion	Ratio	Lower	Upper
165	100		
63	4.7	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: BG038620.D
 Acq: 16 Dec 2018 1:28

Tgt Ion:	188	Resp:	142899
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.1	7.7
80	7.2	6.1	9.1

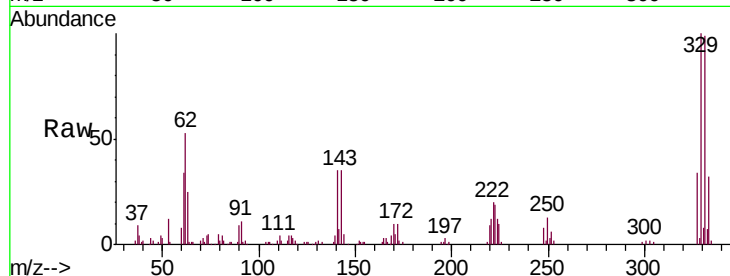




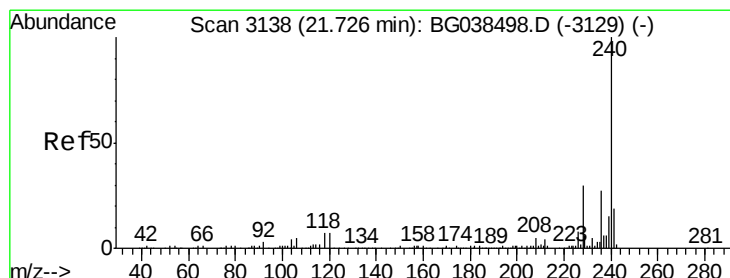
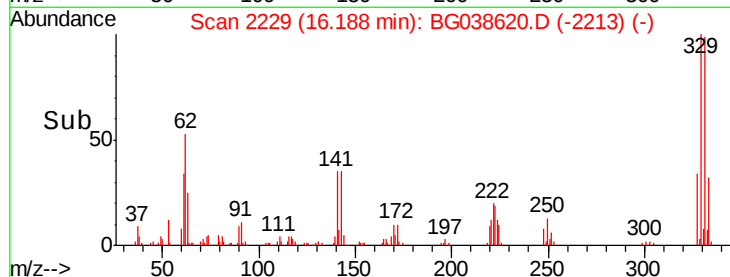
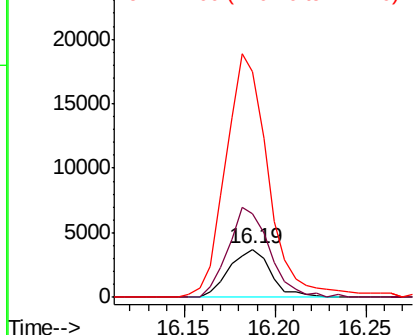
#67
4-Bromophenyl-phenylether
Concen: 3.412 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038620.D
Acq: 16 Dec 2018 1:28

Instrument :
BNA_G
ClientSampleId :
PB115432TB

Tgt Ion:248 Resp: 5954
Ion Ratio Lower Upper
248 100
250 179.3 73.4 110.2#
141 382.1 52.9 79.3#

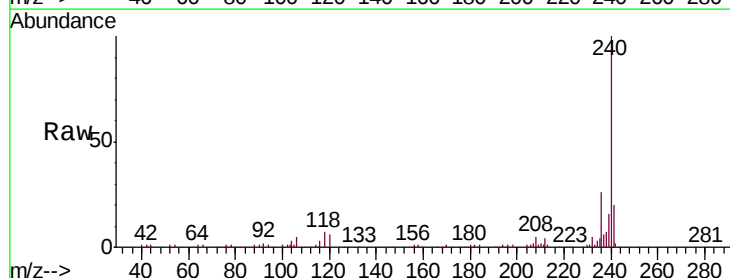


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

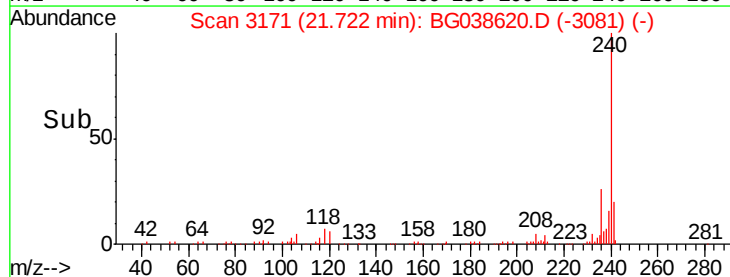
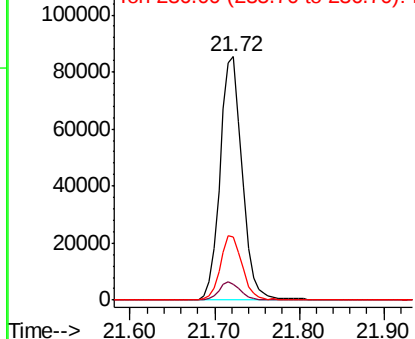


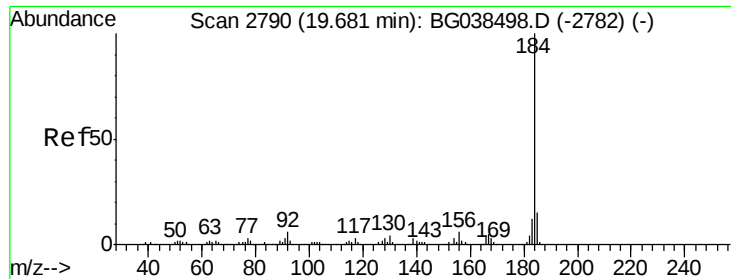
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038620.D
Acq: 16 Dec 2018 1:28

Tgt Ion:240 Resp: 155562
Ion Ratio Lower Upper
240 100
120 6.4 5.3 7.9
236 25.9 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: 2.286 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.36 min

Lab File: BG038620.D

Acq: 16 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115432TB

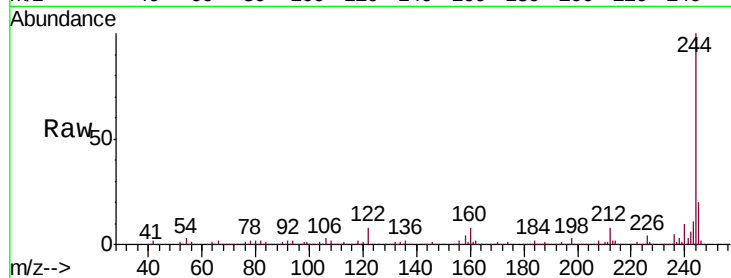
Tgt Ion:184 Resp: 10516

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

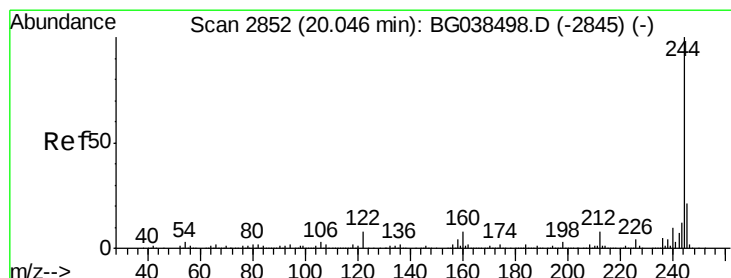
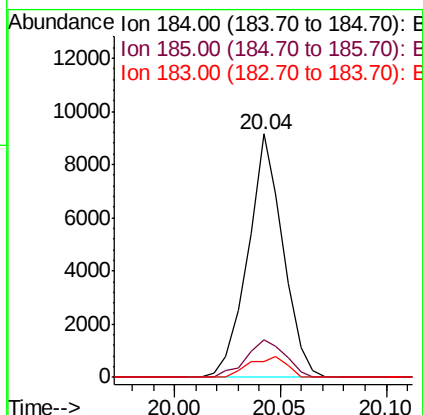
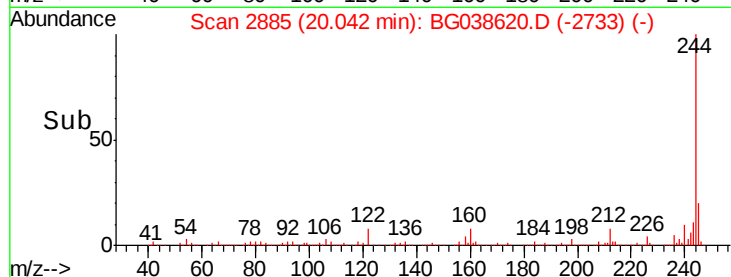
183 6.3 9.6 14.4#



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: 86.099 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038620.D

Acq: 16 Dec 2018 1:28

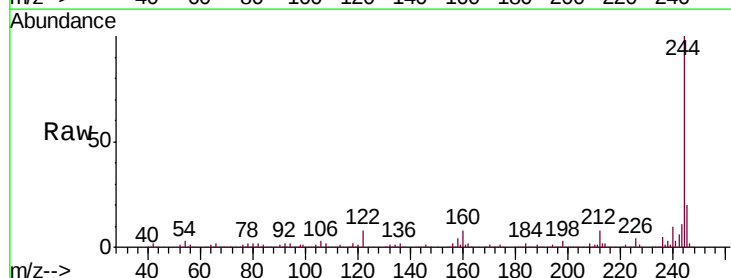
Tgt Ion:244 Resp: 615428

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

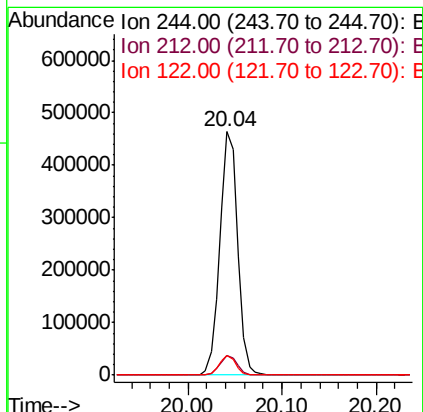
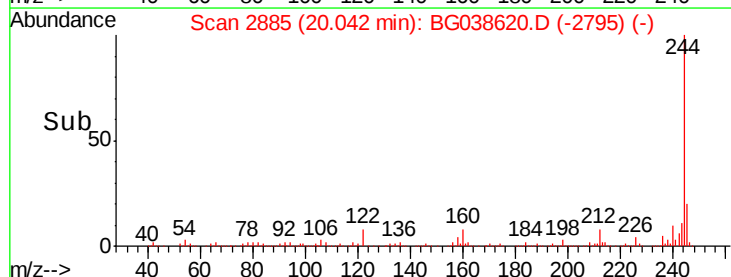
122 7.9 6.3 9.5

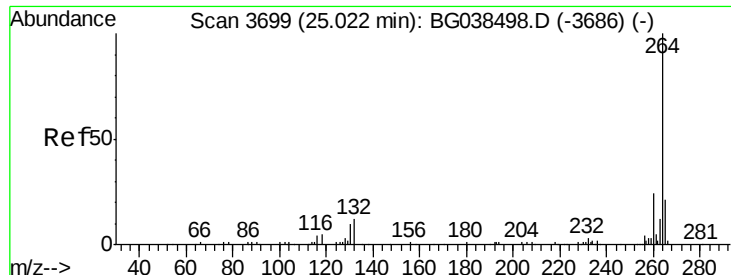


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

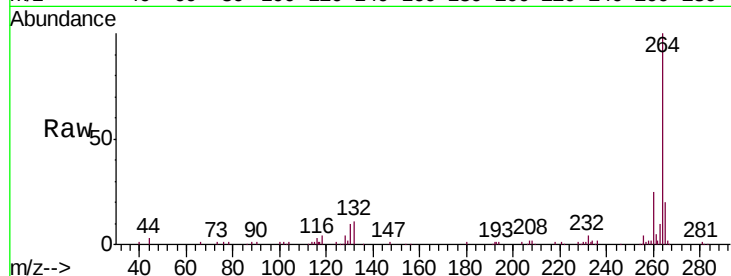




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038620.D
Acq: 16 Dec 2018 1:28

Instrument :
BNA_G
ClientSampleId :
PB115432TB

Tgt Ion:	264	Resp:	161872
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	20.1	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

