

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038605.D
 Acq On : 15 Dec 2018 15:31
 Operator : JU/SJ
 Sample : PB115670BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115670BL

Quant Time: Dec 16 02:22:23 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

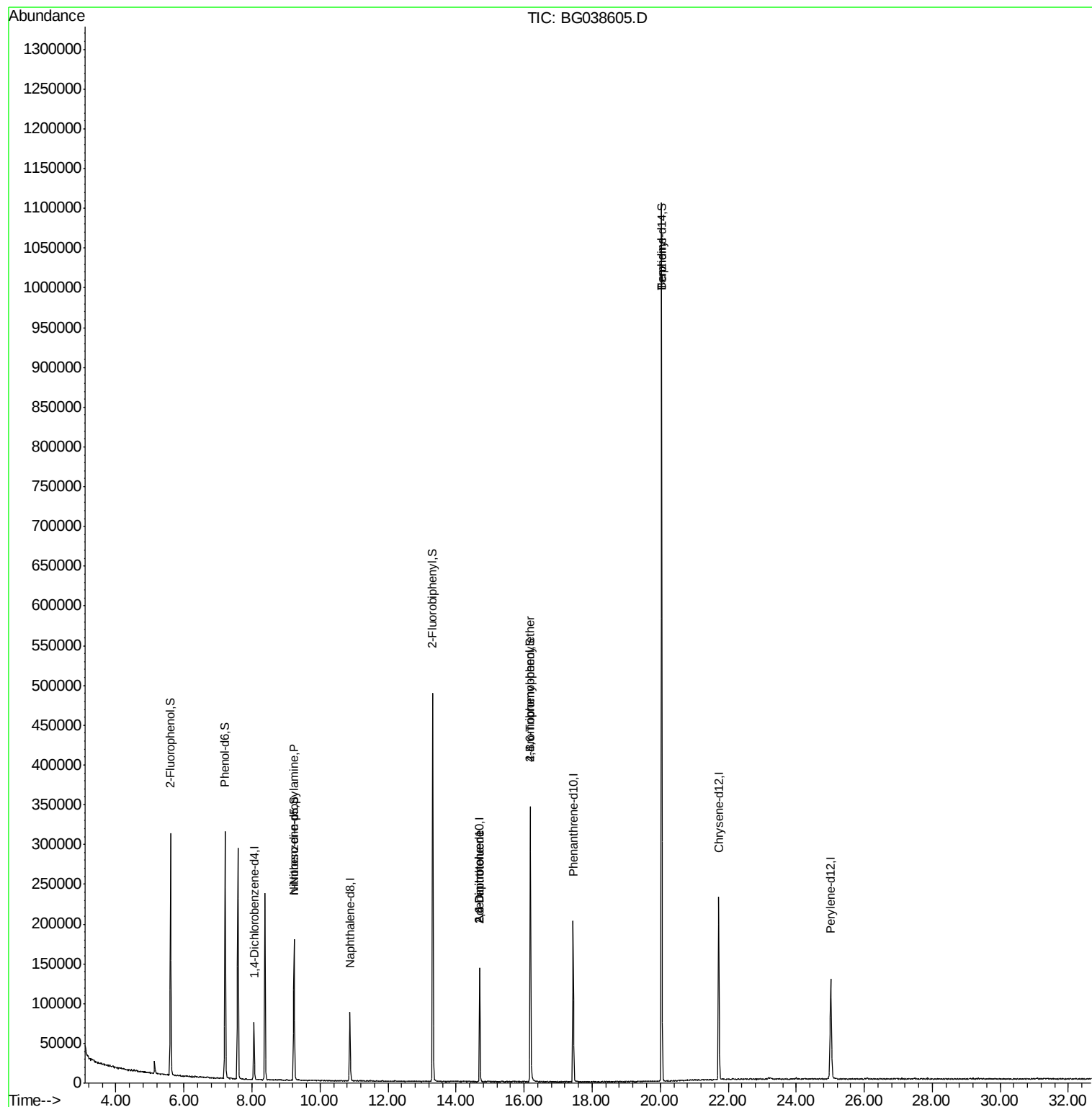
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20123	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	80411	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	53017	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	136644	20.00	ng	0.00
76) Chrysene-d12	21.72	240	148560	20.00	ng	0.00
87) Perylene-d12	25.02	264	152955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	130355	114.90	ng	0.00
7) Phenol-d6	7.21	99	175621	112.76	ng	0.00
23) Nitrobenzene-d5	9.23	82	112064	71.20	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	70691	96.75	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	271881	70.35	ng	0.00
79) Terphenyl-d14	20.05	244	543924	79.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	14989	13.702	ng	# 72
51) 2,6-Dinitrotoluene	14.69	165	6612	6.739	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	6612	4.785	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	4489	2.690	ng	# 1
77) Benzidine	20.05	184	9249	2.105	ng	# 93

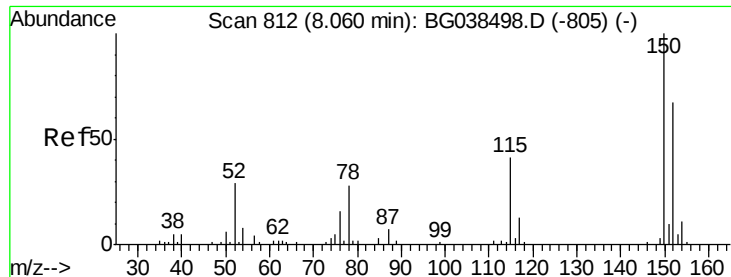
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



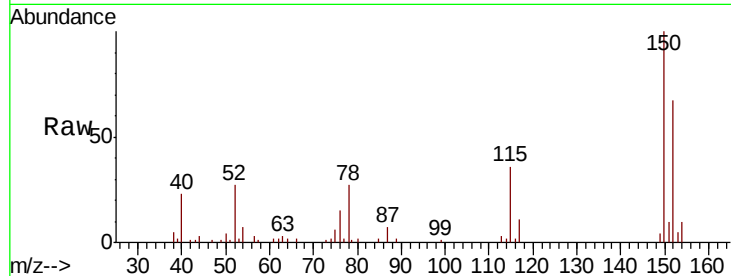


#1

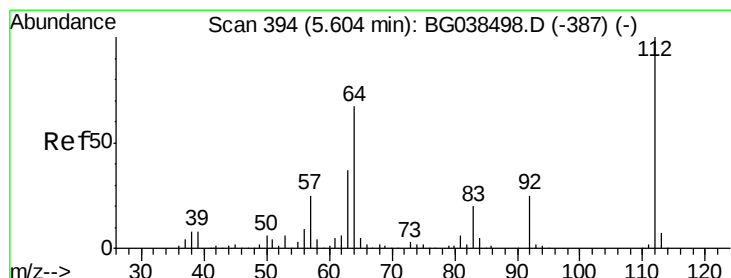
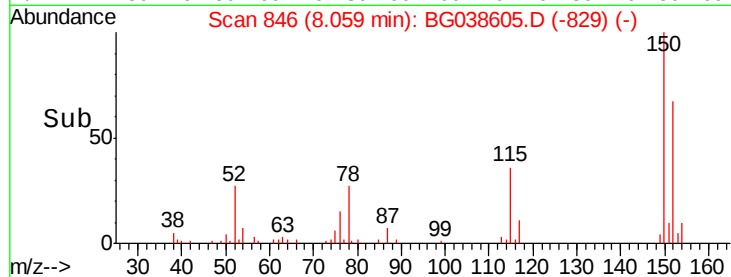
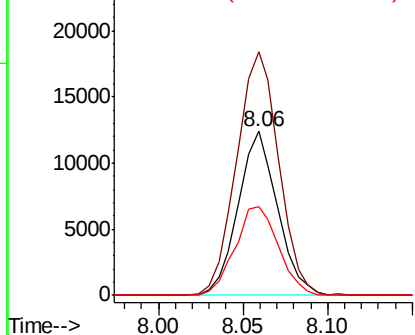
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038605.D
Acq: 15 Dec 2018 15:31

Instrument :
BNA_G
ClientSampleId :
PB115670BL

Tgt Ion:152 Resp: 20123
Ion Ratio Lower Upper
152 100
150 148.4 119.5 179.3
115 54.0 49.6 74.4



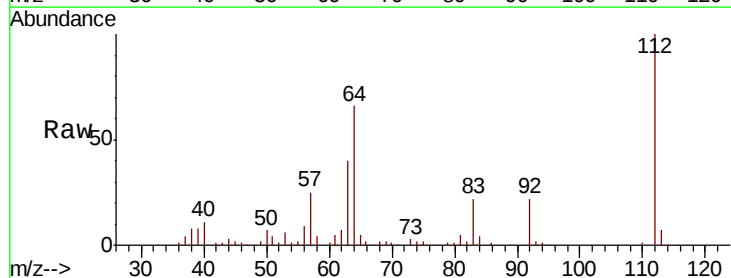
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



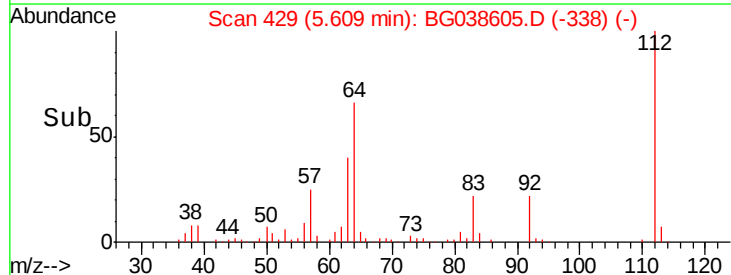
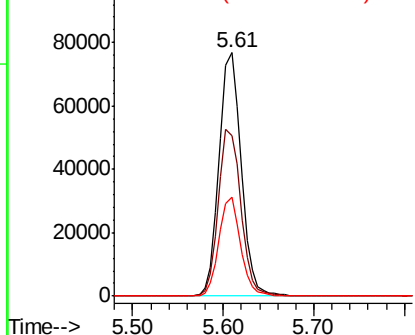
#5

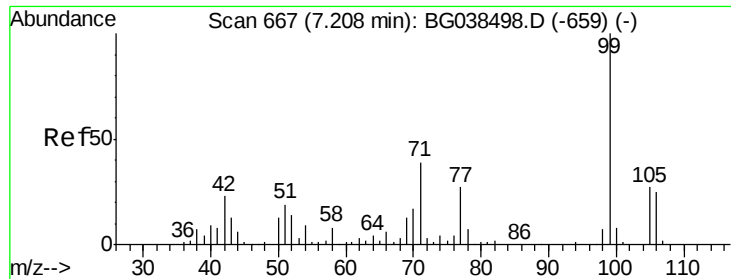
2-Fluorophenol
Concen: 114.896 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038605.D
Acq: 15 Dec 2018 15:31

Tgt Ion:112 Resp: 130355
Ion Ratio Lower Upper
112 100
64 65.8 53.4 80.2
63 40.4 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: 112.757 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038605.D

Acq: 15 Dec 2018 15:31

Instrument :

BNA_G

ClientSampleId :

PB115670BL

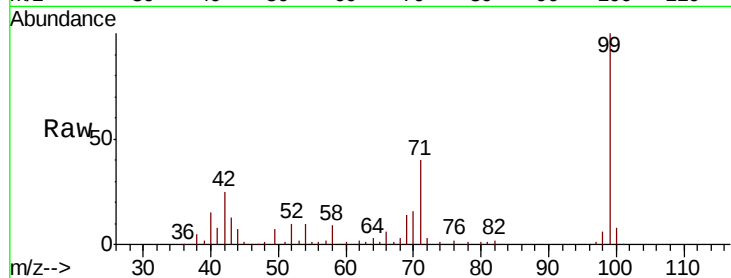
Tgt Ion: 99 Resp: 175621

Ion Ratio Lower Upper

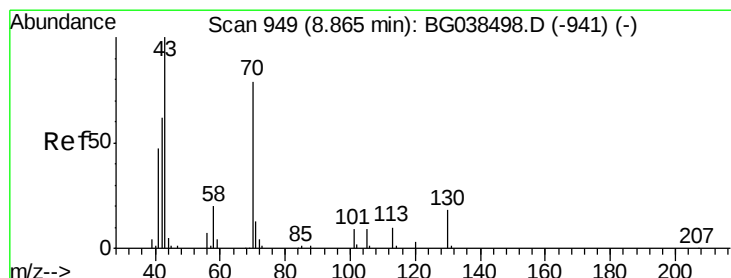
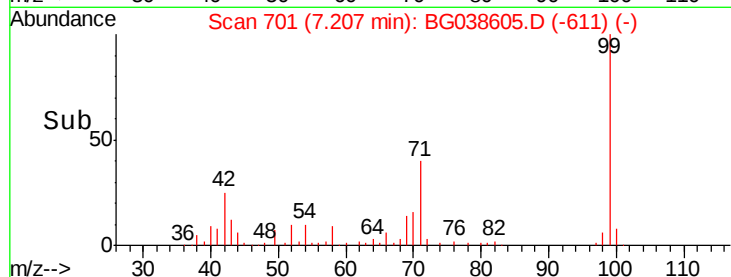
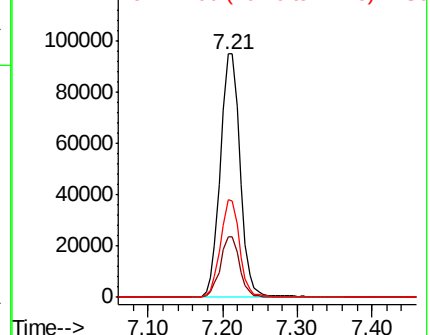
99 100

42 24.6 18.5 27.7

71 40.3 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: 13.702 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038605.D

Acq: 15 Dec 2018 15:31

Tgt Ion: 70 Resp: 14989

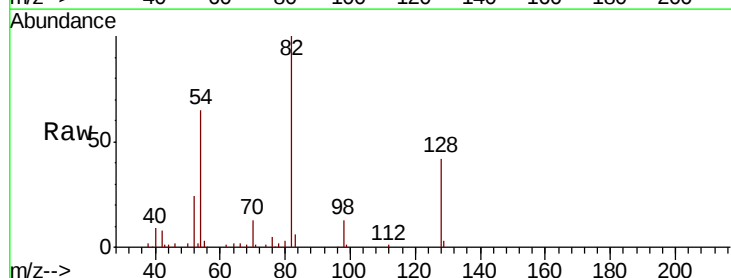
Ion Ratio Lower Upper

70 100

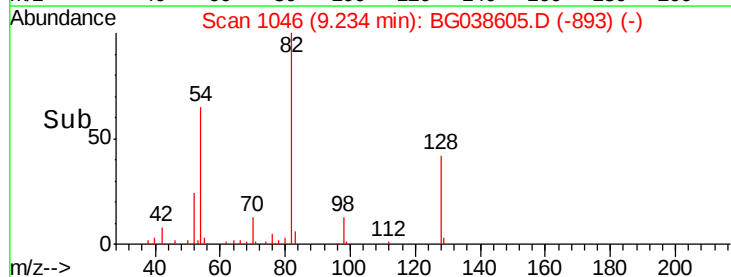
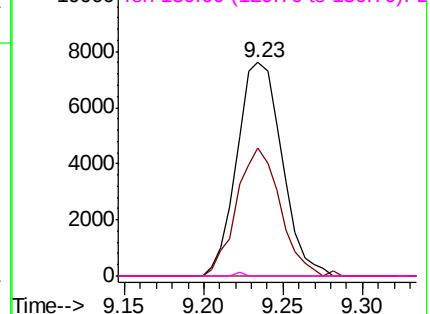
42 60.1 63.6 95.4#

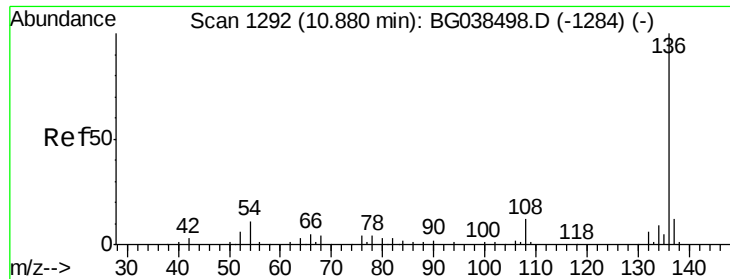
101 0.0 9.2 13.8#

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

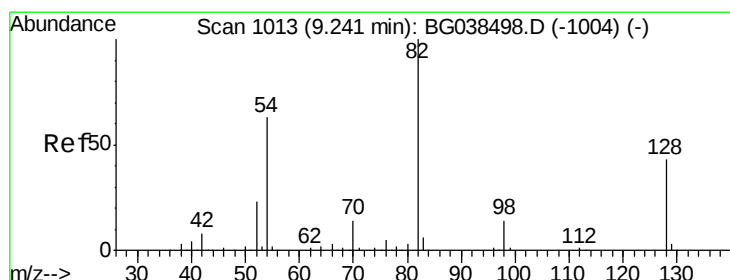
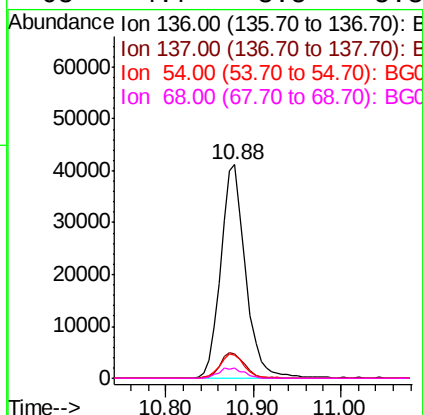
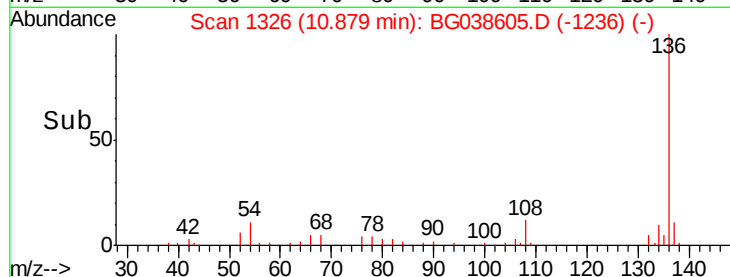
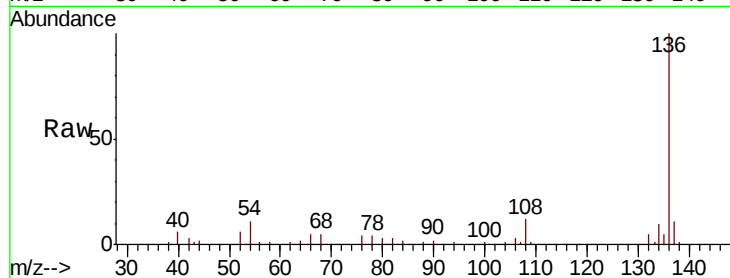




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038605.D
Acq: 15 Dec 2018 15:31

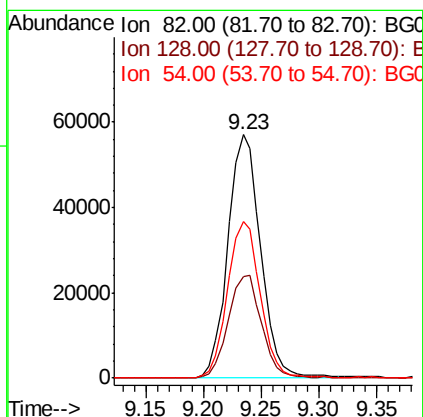
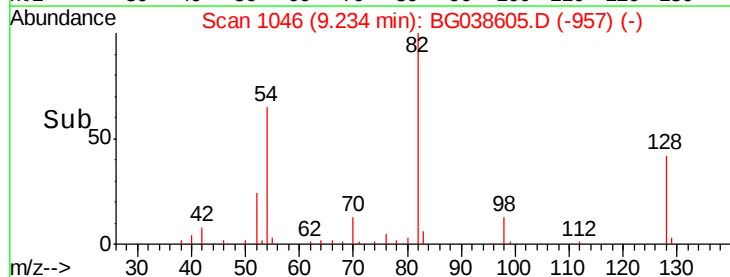
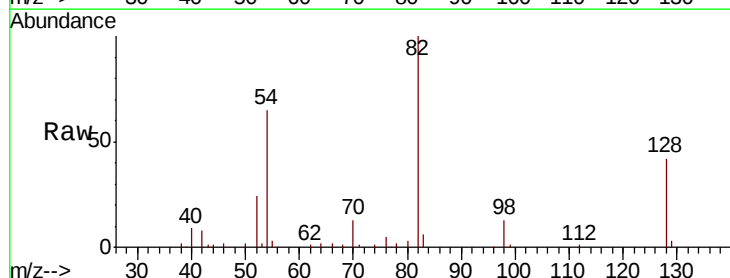
Instrument :
BNA_G
ClientSampleId :
PB115670BL

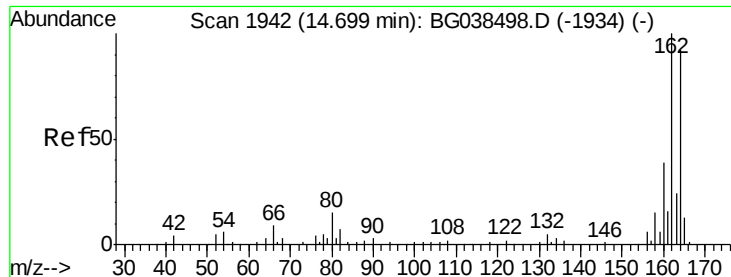
Tgt Ion:	136	Resp:	80411
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	10.9	8.5	12.7
68	4.7	3.5	5.3



#23
Nitrobenzene-d5
Concen: 71.197 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038605.D
Acq: 15 Dec 2018 15:31

Tgt Ion:	82	Resp:	112064
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	64.5	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: BG038605.D

Acq: 15 Dec 2018 15:31

Instrument :

BNA_G

ClientSampleId :

PB115670BL

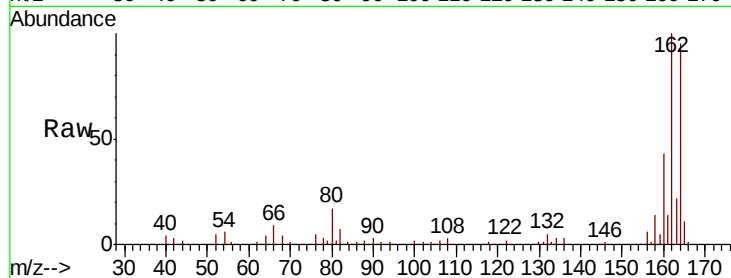
Tgt Ion:164 Resp: 53017

Ion Ratio Lower Upper

164 100

162 105.0 86.6 130.0

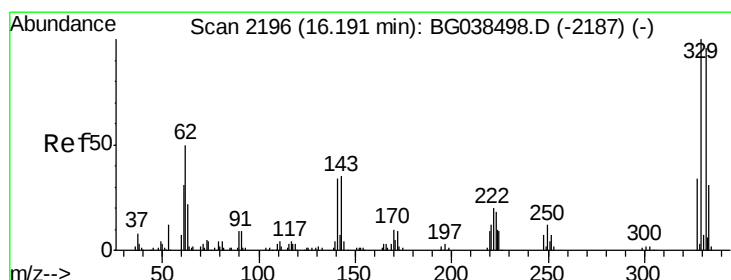
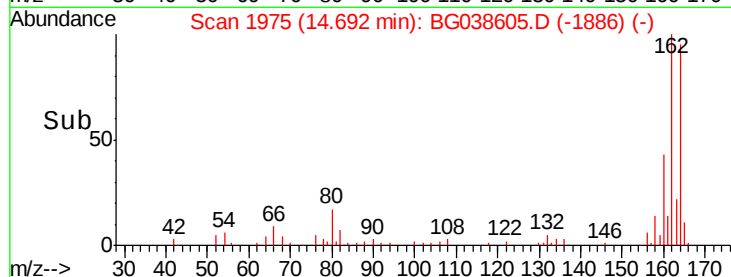
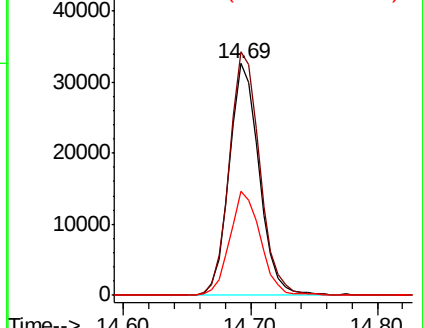
160 45.0 34.2 51.2



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: 96.748 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038605.D

Acq: 15 Dec 2018 15:31

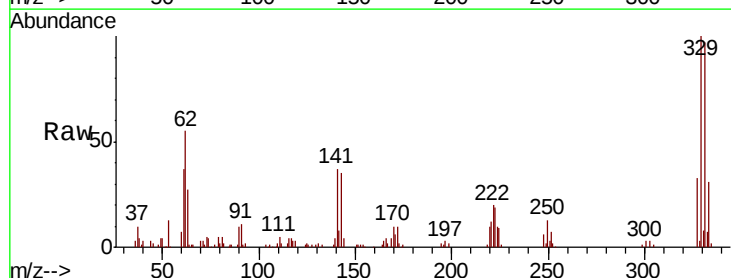
Tgt Ion:330 Resp: 70691

Ion Ratio Lower Upper

330 100

332 98.8 76.9 115.3

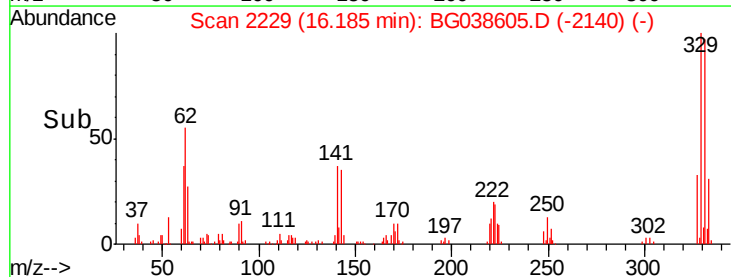
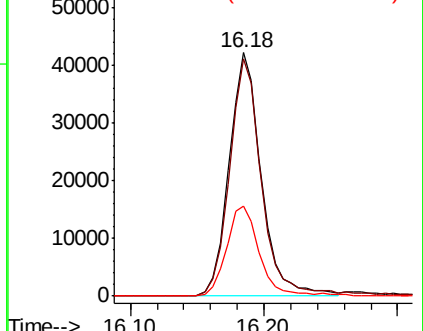
141 38.3 28.8 43.2

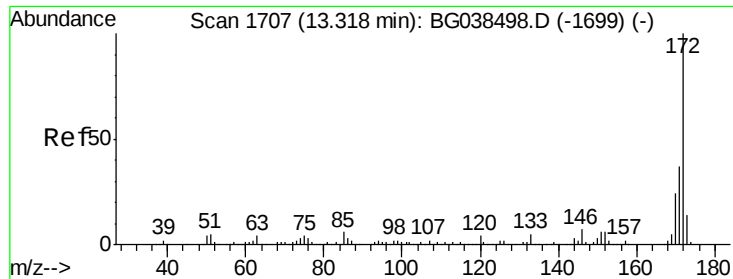


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

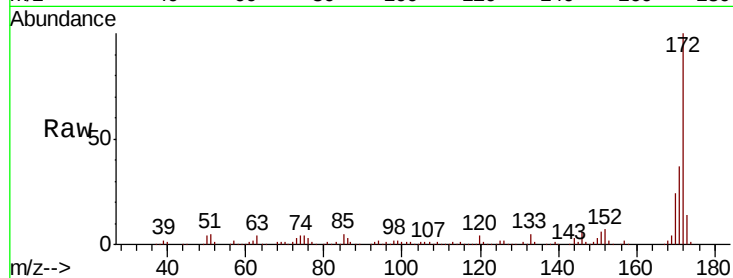




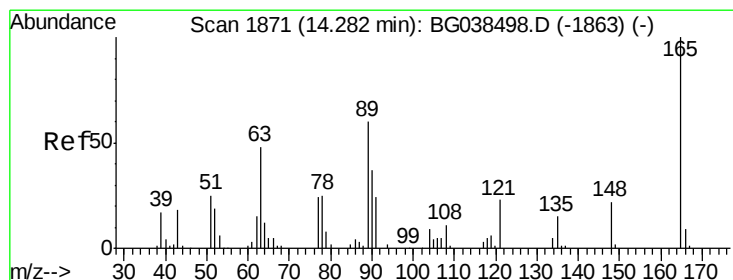
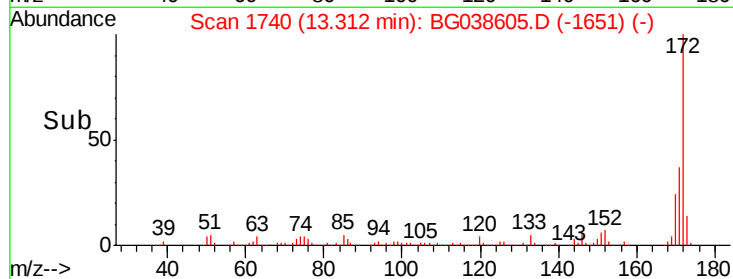
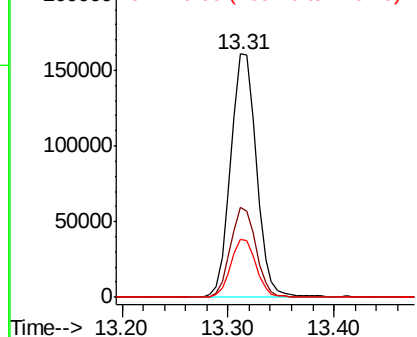
#45
 2-Fluorobiphenyl
 Concen: 70.351 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038605.D
 Acq: 15 Dec 2018 15:31

Instrument :
 BNA_G
 ClientSampleId :
 PB115670BL

Tgt Ion:172 Resp: 271881
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.8 44.6
 170 23.7 19.5 29.3

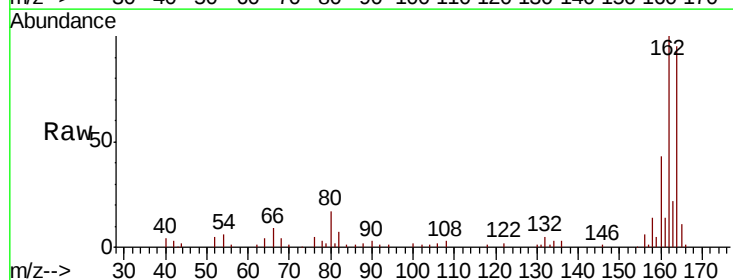


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

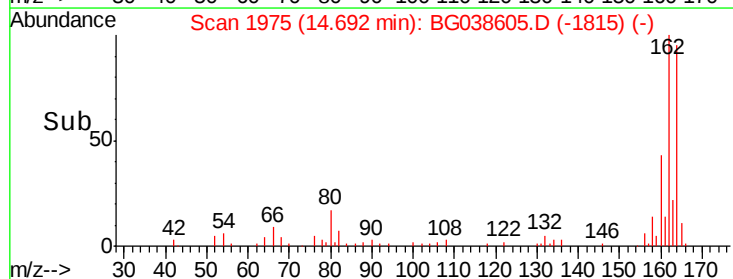
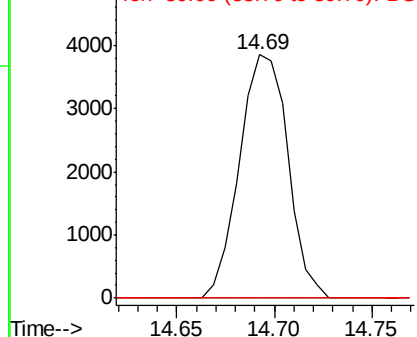


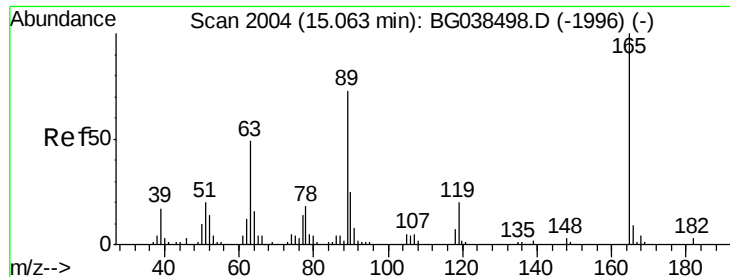
#51
 2,6-Dinitrotoluene
 Concen: 6.739 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038605.D
 Acq: 15 Dec 2018 15:31

Tgt Ion:165 Resp: 6612
 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

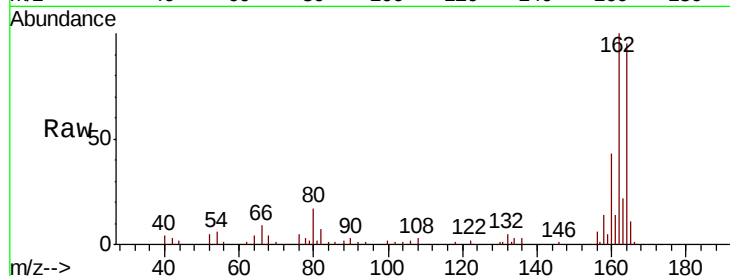




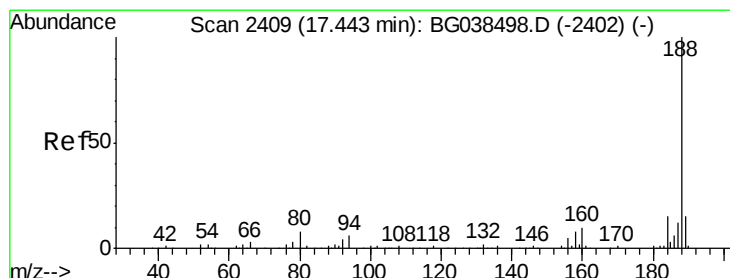
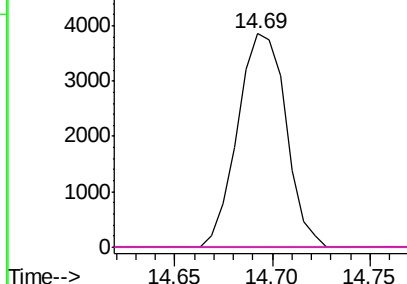
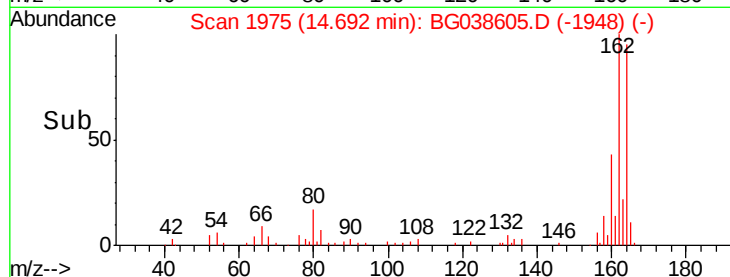
#57
 2,4-Dinitrotoluene
 Concen: 4.785 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038605.D
 Acq: 15 Dec 2018 15:31

Instrument :
 BNA_G
 ClientSampleId :
 PB115670BL

Tgt 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#

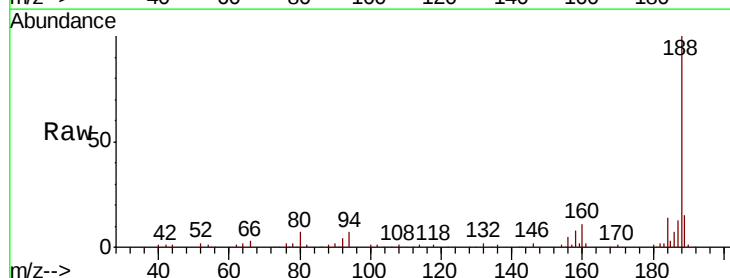


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

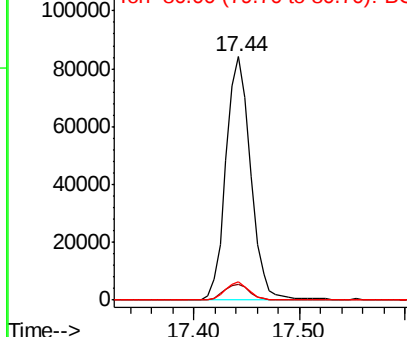
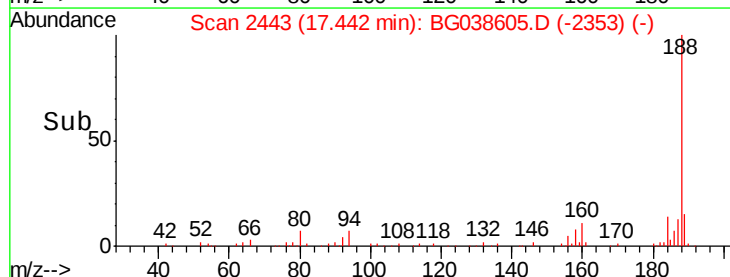


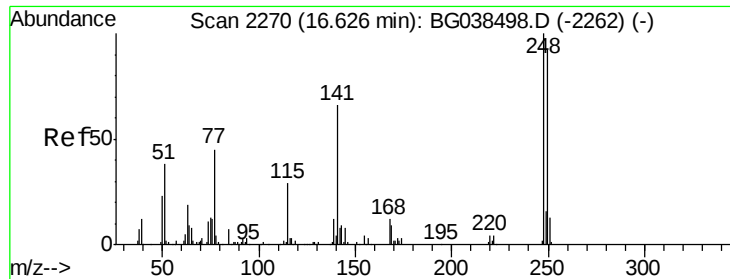
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038605.D
 Acq: 15 Dec 2018 15:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	7.3	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

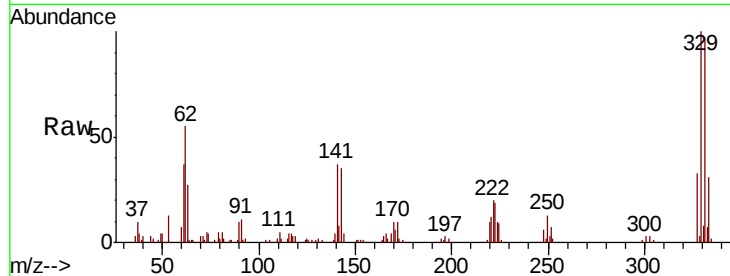




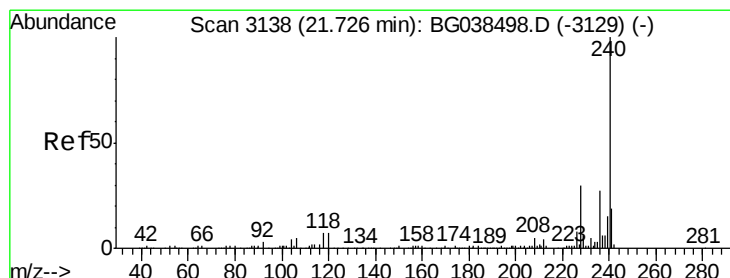
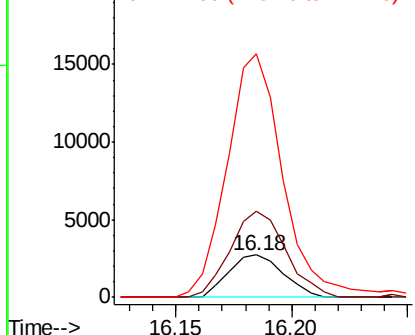
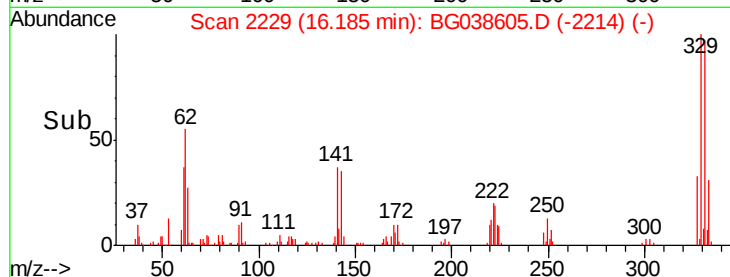
#67
4-Bromophenyl-phenylether
Concen: 2.690 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038605.D
Acq: 15 Dec 2018 15:31

Instrument :
BNA_G
ClientSampleId :
PB115670BL

Tgt Ion:248 Resp: 4489
Ion Ratio Lower Upper
248 100
250 200.8 73.4 110.2#
141 455.7 52.9 79.3#

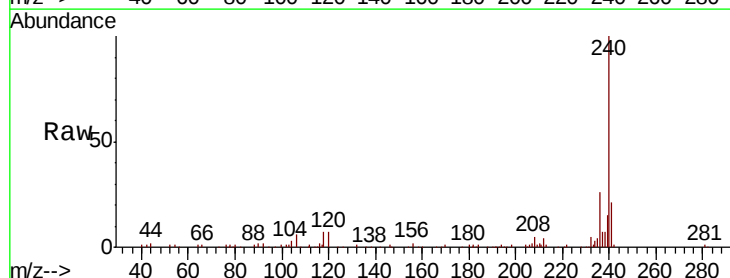


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

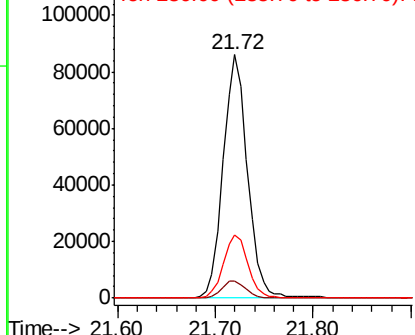
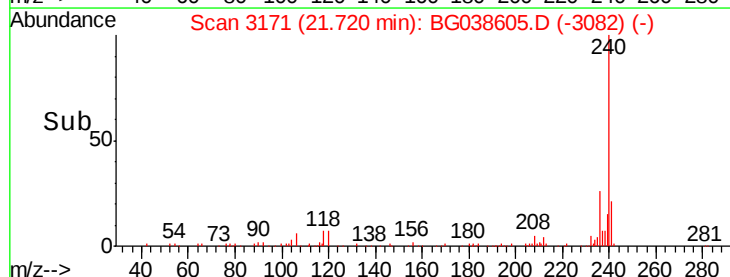


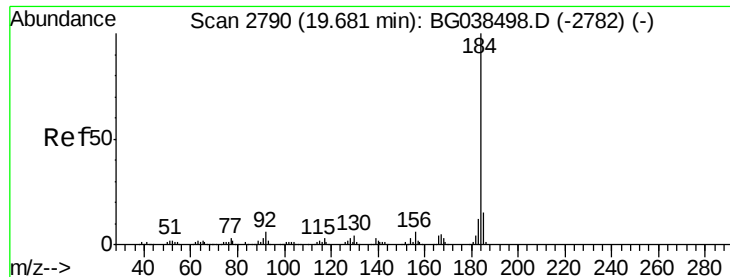
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038605.D
Acq: 15 Dec 2018 15:31

Tgt Ion:240 Resp: 148560
Ion Ratio Lower Upper
240 100
120 7.2 5.3 7.9
236 25.7 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: 2.105 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038605.D

Acq: 15 Dec 2018 15:31

Instrument :

BNA_G

ClientSampleId :

PB115670BL

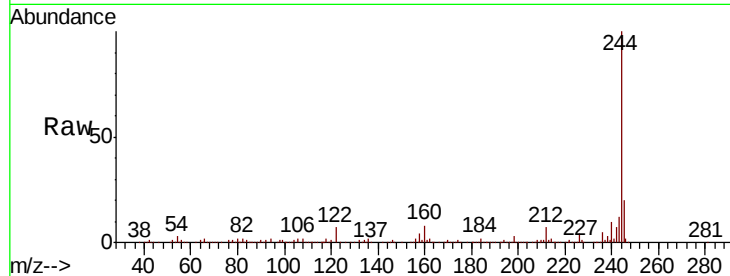
Tgt Ion:184 Resp: 9249

Ion Ratio Lower Upper

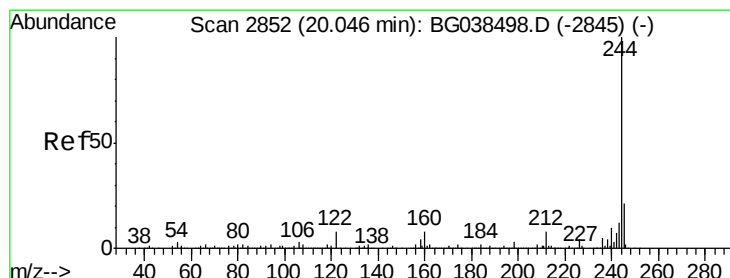
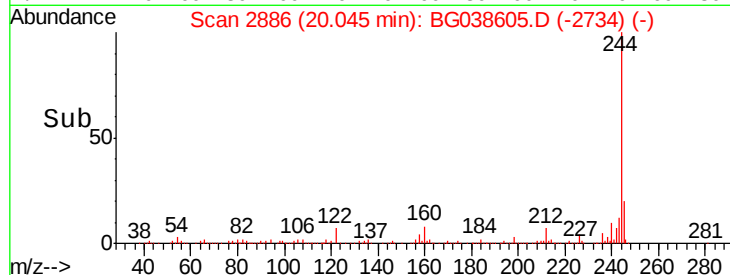
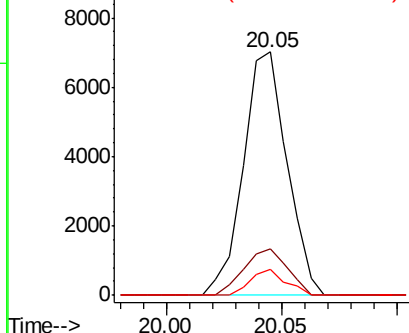
184 100

185 19.1 12.2 18.2#

183 10.8 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: 79.682 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038605.D

Acq: 15 Dec 2018 15:31

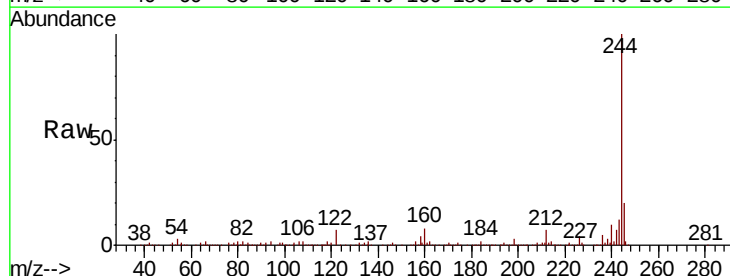
Tgt Ion:244 Resp: 543924

Ion Ratio Lower Upper

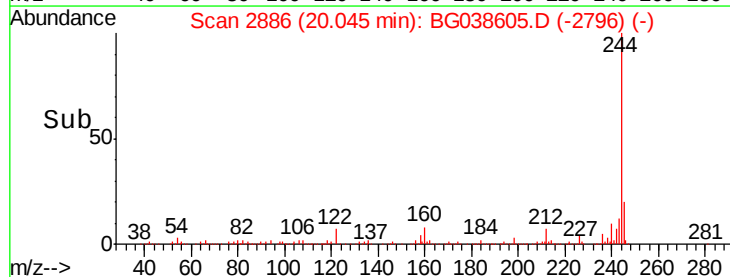
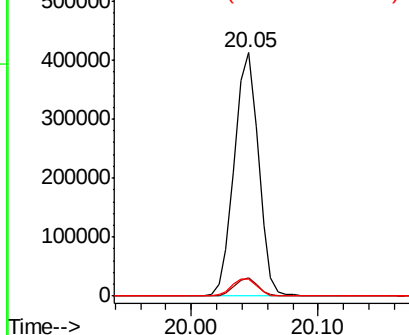
244 100

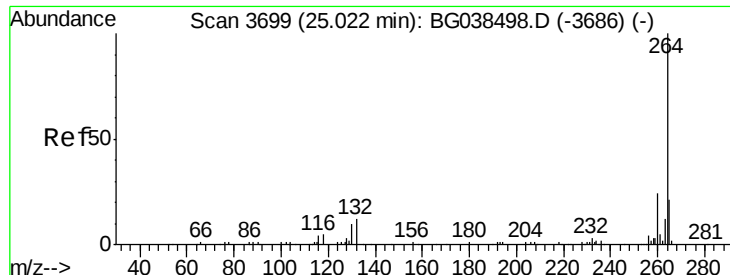
212 7.3 6.2 9.2

122 7.0 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# 3732
Delta R.T. -0.01 min
Lab File: BG038605.D
Acq: 15 Dec 2018 15:31

Instrument :
BNA_G
ClientSampleId :
PB115670BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.9	28.3
265	21.0	17.0	25.4

