

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
 Data File : BG038766.D
 Acq On : 20 Dec 2018 17:33
 Operator : JU/SJ
 Sample : PB115871BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BL

Quant Time: Dec 21 00:20:10 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

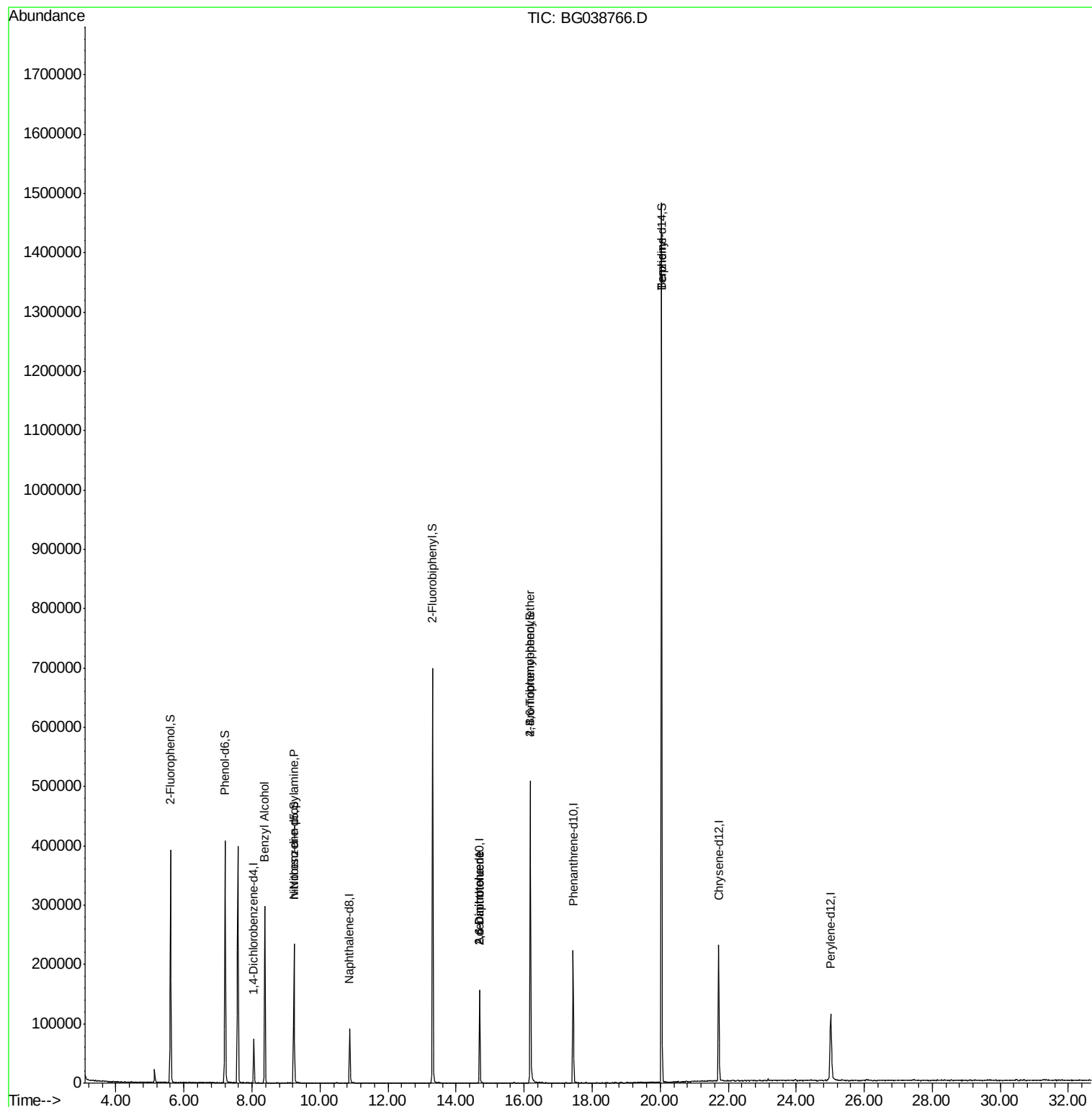
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	20373	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	83920	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	58947	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	153995	20.00	ng	0.00
76) Chrysene-d12	21.72	240	159792	20.00	ng	0.00
87) Perylene-d12	25.02	264	162894	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	171507	149.31	ng	0.00
7) Phenol-d6	7.21	99	235224	149.17	ng	0.00
23) Nitrobenzene-d5	9.23	82	140672	85.64	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	117723	144.91	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	379801	88.39	ng	0.00
79) Terphenyl-d14	20.04	244	750319	102.19	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	2734	2.221	ng	# 61
19) n-Nitroso-di-n-propylamine	9.23	70	18911	17.075	ng	# 64
51) 2,6-Dinitrotoluene	14.69	165	7333	6.722	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	7333	4.773	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	7307	3.885	ng	# 1
77) Benzidine	20.04	184	12369	2.617	ng	97

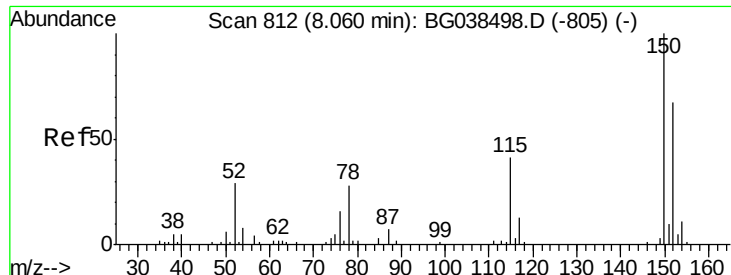
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



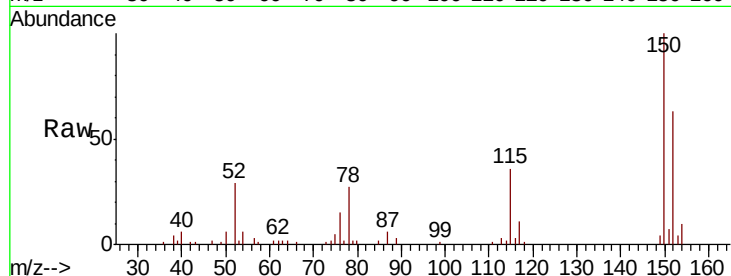


#1

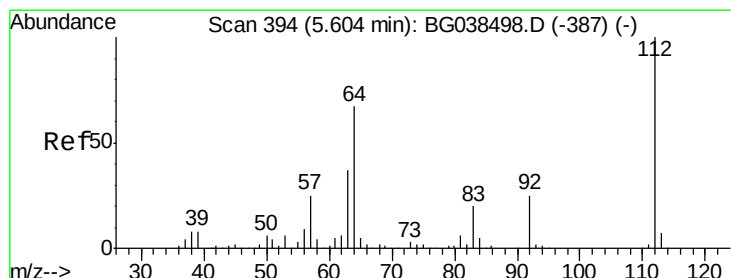
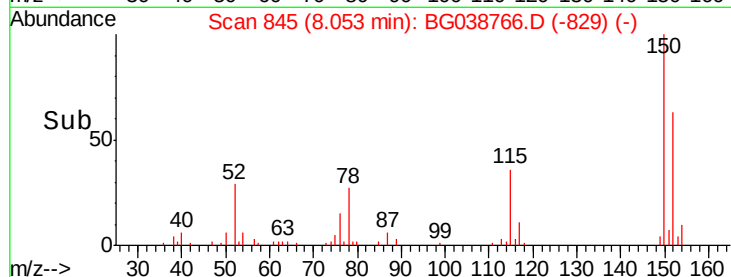
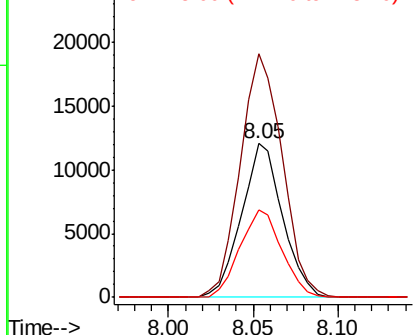
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038766.D
Acq: 20 Dec 2018 17:33

Instrument :
BNA_G
ClientSampleId :
PB115871BL

Tgt Ion:152 Resp: 20373
Ion Ratio Lower Upper
152 100
150 158.5 119.5 179.3
115 57.2 49.6 74.4



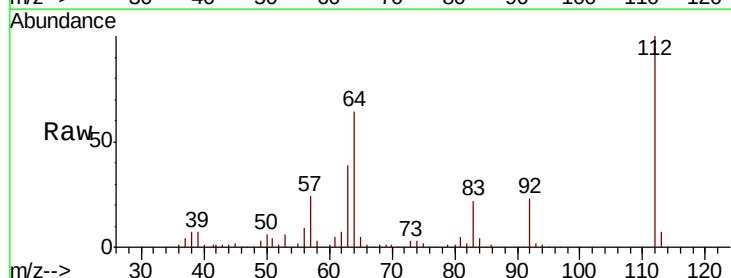
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



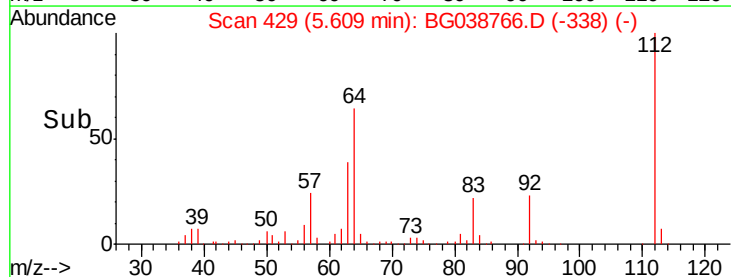
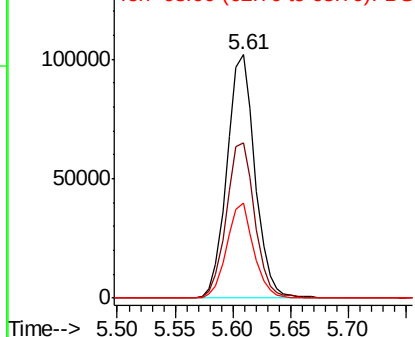
#5

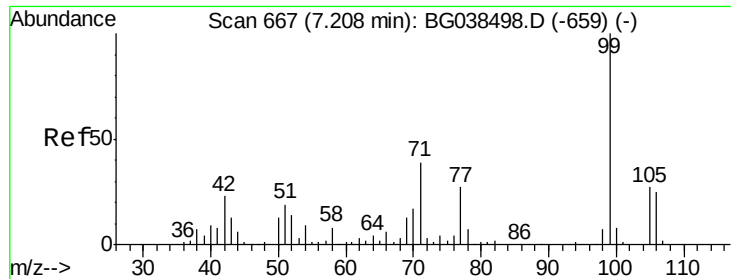
2-Fluorophenol
Concen: 149.312 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038766.D
Acq: 20 Dec 2018 17:33

Tgt Ion:112 Resp: 171507
Ion Ratio Lower Upper
112 100
64 63.7 53.4 80.2
63 39.0 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: 149.171 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038766.D

Acq: 20 Dec 2018 17:33

Instrument :

BNA_G

ClientSampleId :

PB115871BL

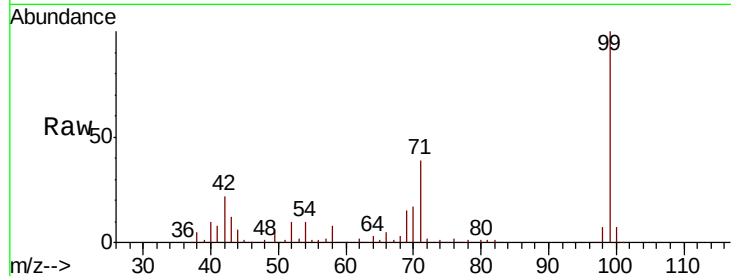
Tgt Ion: 99 Resp: 235224

Ion Ratio Lower Upper

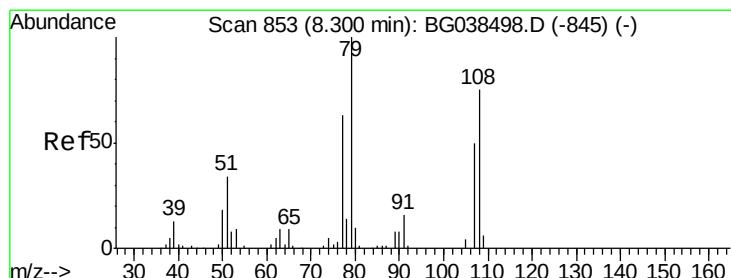
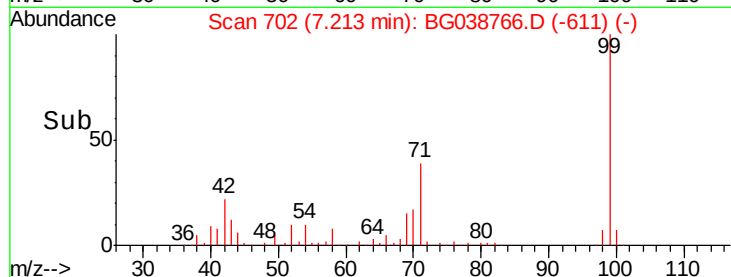
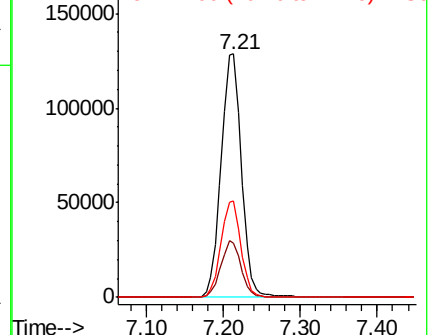
99 100

42 22.0 18.5 27.7

71 39.5 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



#15

Benzyl Alcohol

Concen: 2.221 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.08 min

Lab File: BG038766.D

Acq: 20 Dec 2018 17:33

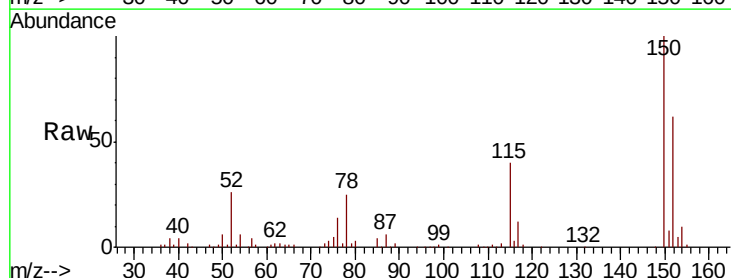
Tgt Ion: 79 Resp: 2734

Ion Ratio Lower Upper

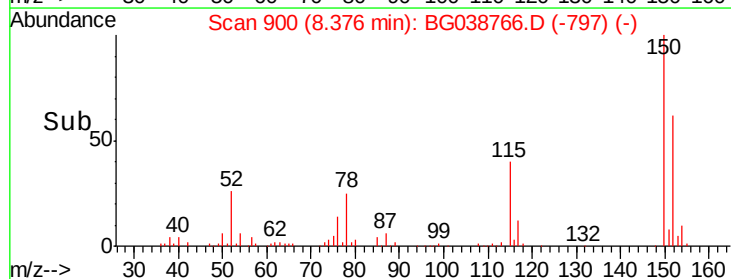
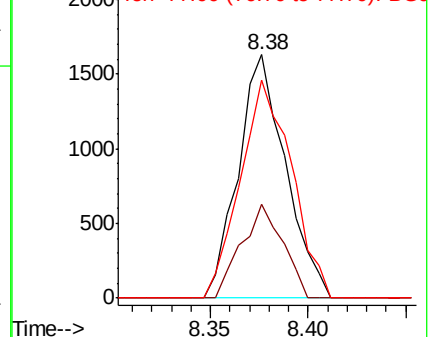
79 100

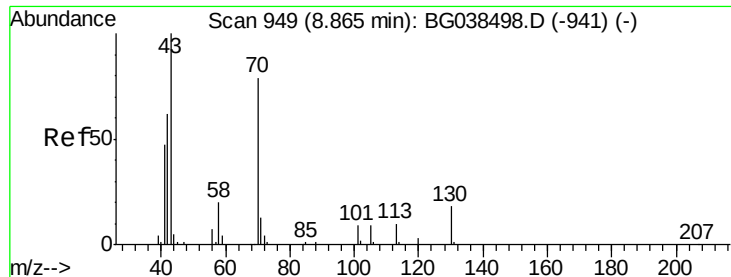
108 38.3 60.2 90.4#

77 89.3 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

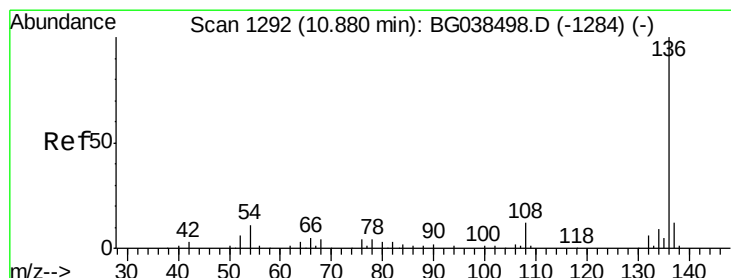
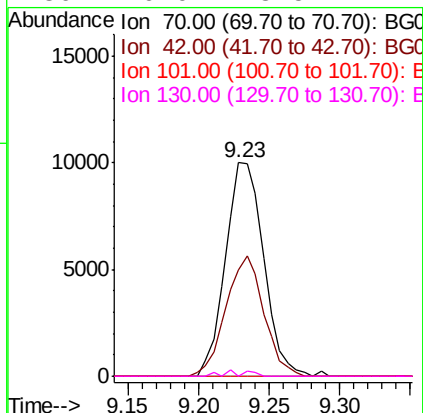
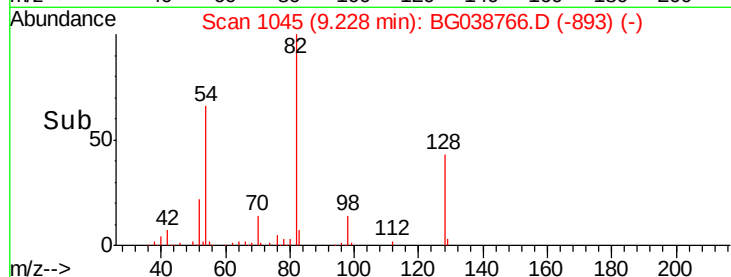
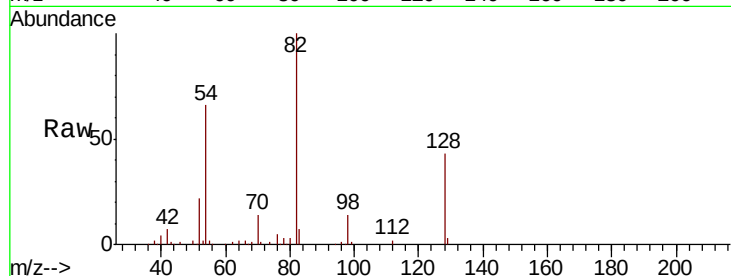




#19
n-Nitroso-di-n-propylamine
Concen: 17.075 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.36 min
Lab File: BG038766.D
Acq: 20 Dec 2018 17:33

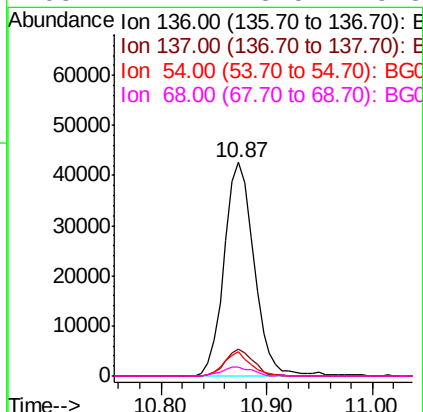
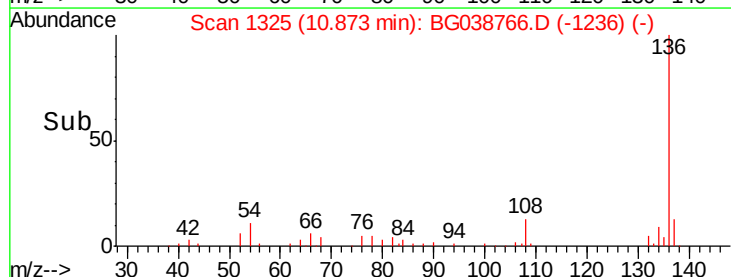
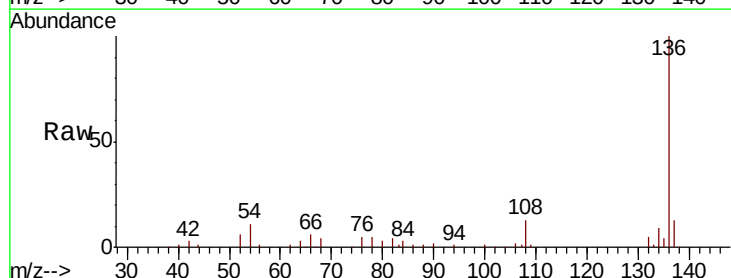
Instrument :
BNA_G
ClientSampleId :
PB115871BL

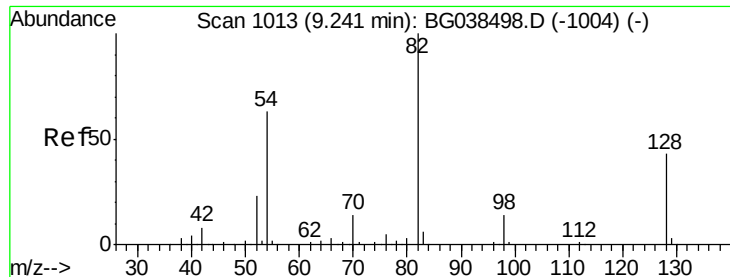
Tgt Ion: 70 Resp: 18911
Ion Ratio Lower Upper
70 100
42 50.0 63.6 95.4#
101 0.0 9.2 13.8#
130 0.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038766.D
Acq: 20 Dec 2018 17:33

Tgt Ion: 136 Resp: 83920
Ion Ratio Lower Upper
136 100
137 12.8 9.3 13.9
54 11.1 8.5 12.7
68 4.4 3.5 5.3

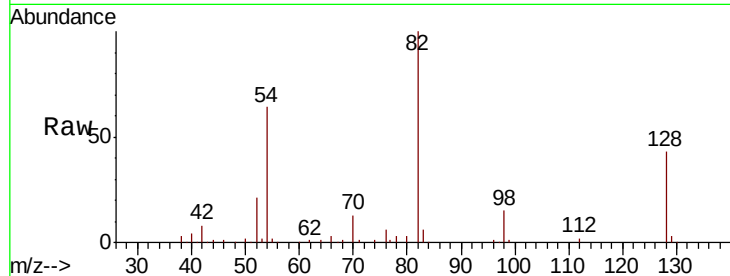




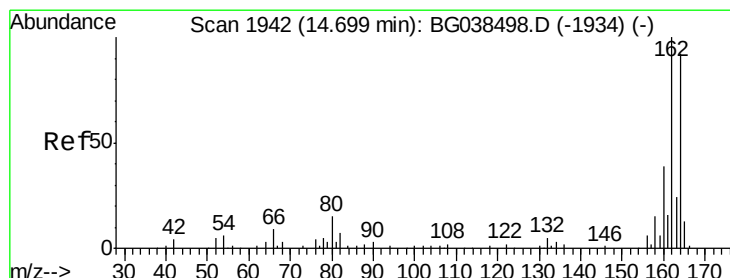
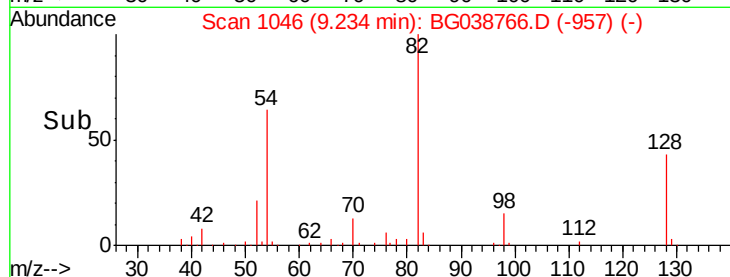
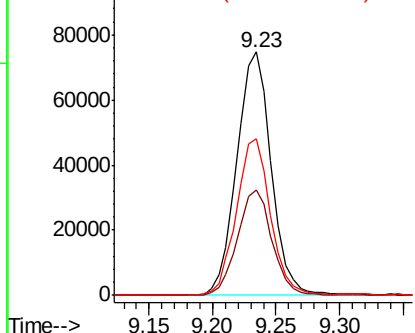
#23
Nitrobenzene-d5
Concen: 85.635 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038766.D
Acq: 20 Dec 2018 17:33

Instrument :
BNA_G
ClientSampleId :
PB115871BL

Tgt Ion: 82 Resp: 140672
Ion Ratio Lower Upper
82 100
128 43.2 34.6 52.0
54 64.4 50.6 76.0

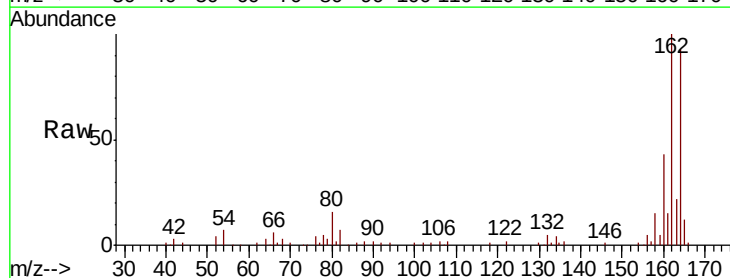


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

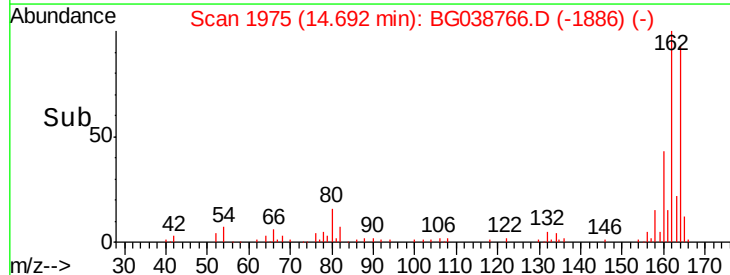
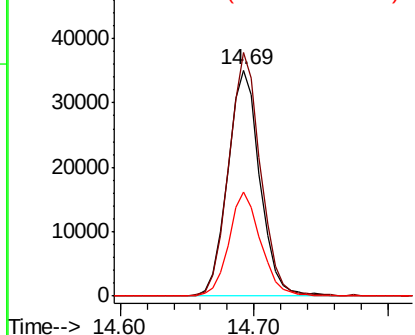


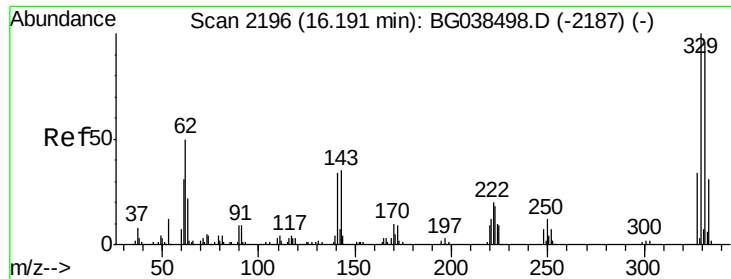
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038766.D
Acq: 20 Dec 2018 17:33

Tgt Ion: 164 Resp: 58947
Ion Ratio Lower Upper
164 100
162 107.6 86.6 130.0
160 45.9 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

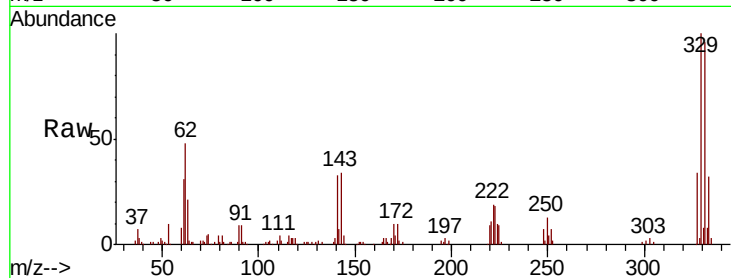




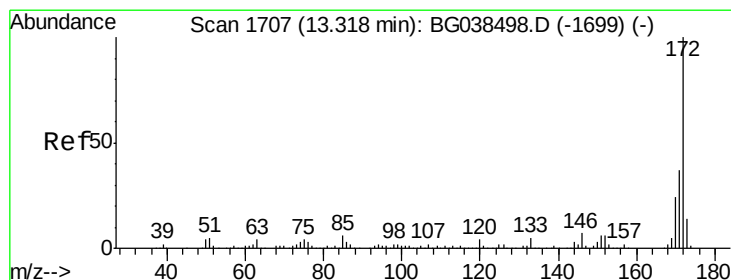
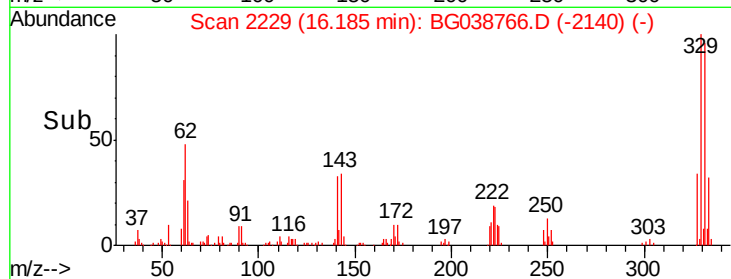
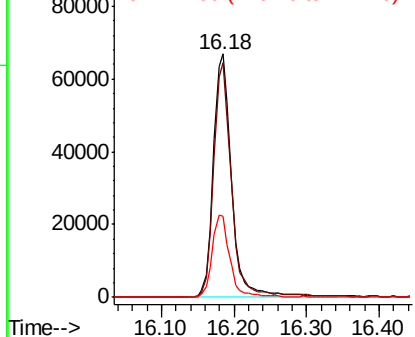
#42
 2,4,6-Tribromophenol
 Concen: 144.908 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038766.D
 Acq: 20 Dec 2018 17:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BL

Tgt Ion:330 Resp: 117723
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.9 115.3
 141 32.9 28.8 43.2

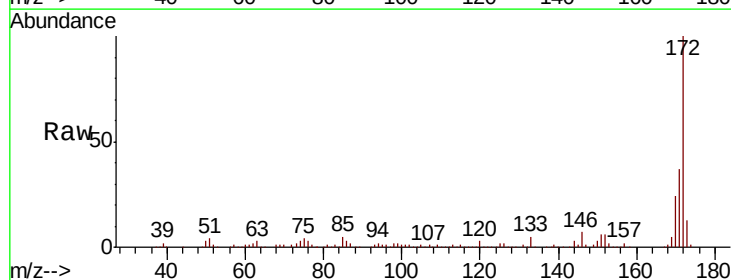


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

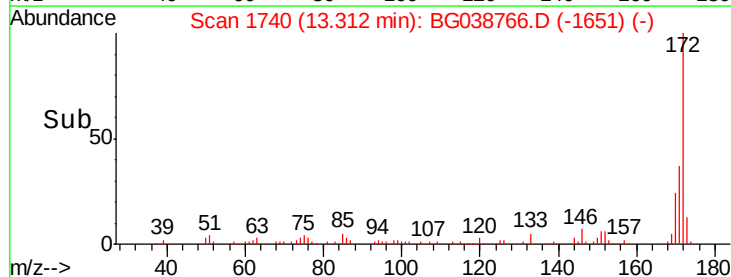
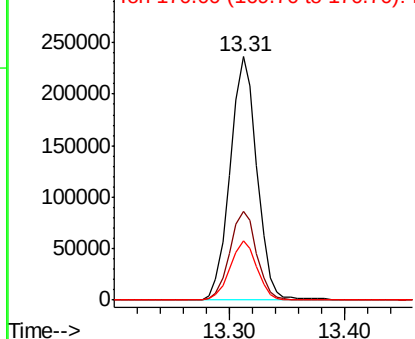


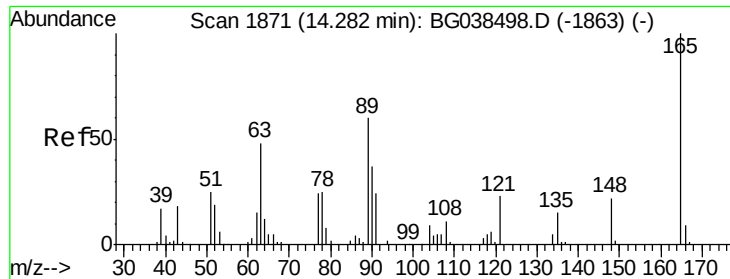
#45
 2-Fluorobiphenyl
 Concen: 88.389 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038766.D
 Acq: 20 Dec 2018 17:33

Tgt Ion:172 Resp: 379801
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 24.3 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

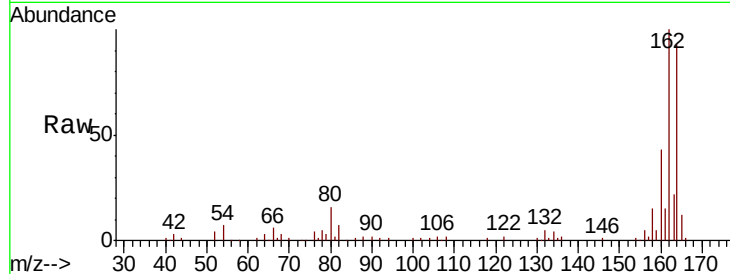




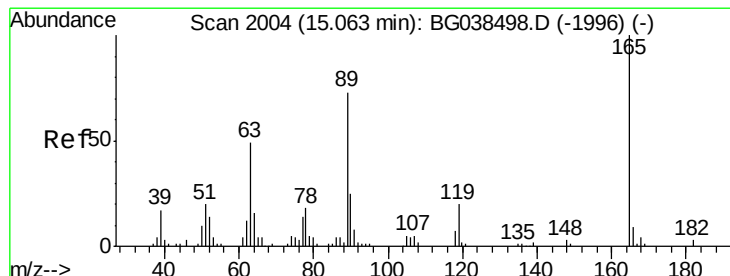
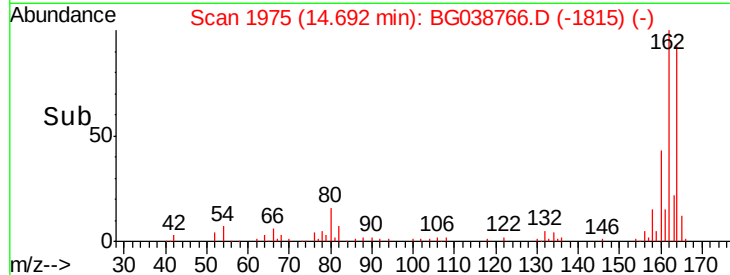
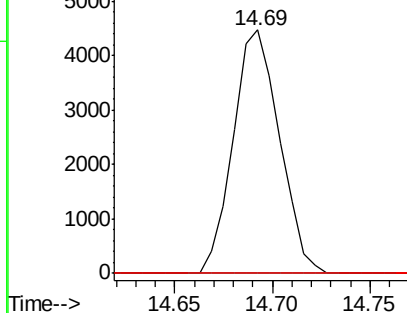
#51
 2,6-Dinitrotoluene
 Concen: 6.722 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038766.D
 Acq: 20 Dec 2018 17:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#



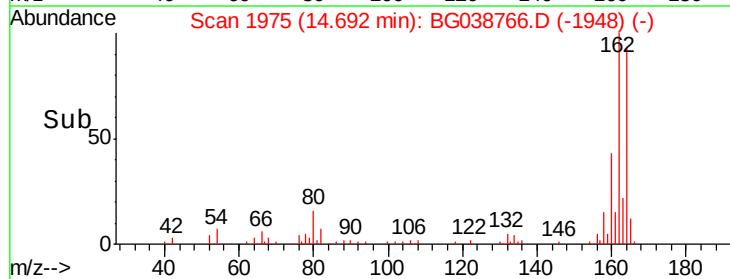
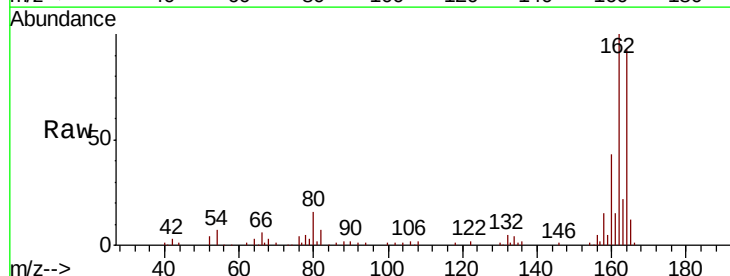
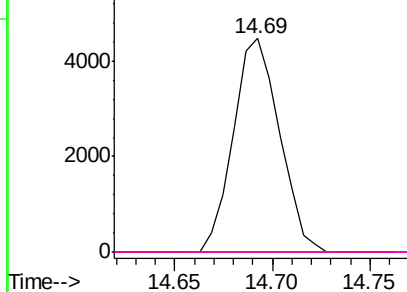
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

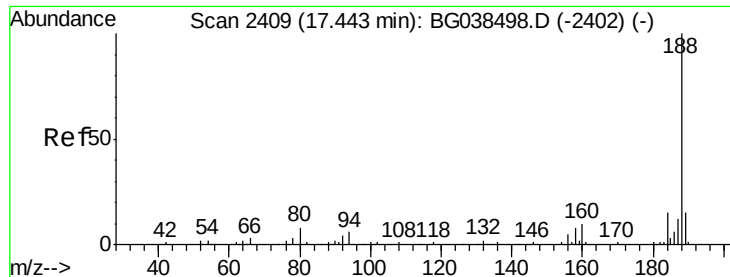


#57
 2,4-Dinitrotoluene
 Concen: 4.773 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038766.D
 Acq: 20 Dec 2018 17:33

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: BG038766.D

Acq: 20 Dec 2018 17:33

Instrument :

BNA_G

ClientSampleId :

PB115871BL

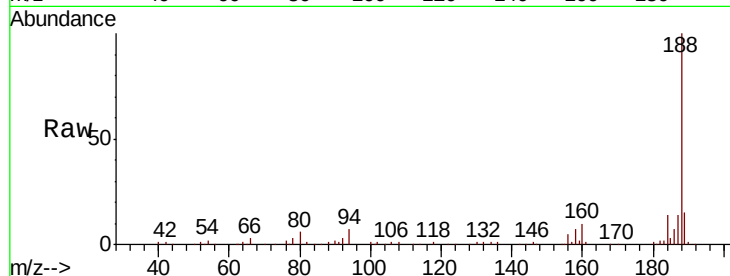
Tgt Ion:188 Resp: 153995

Ion Ratio Lower Upper

188 100

94 6.9 5.1 7.7

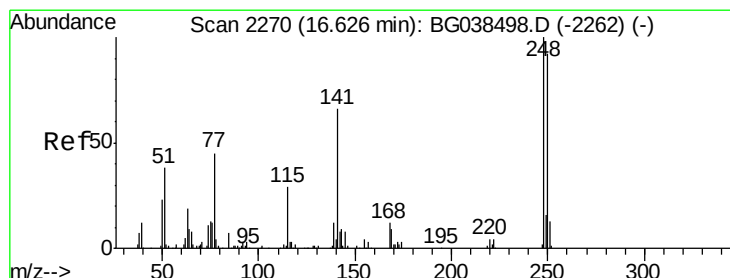
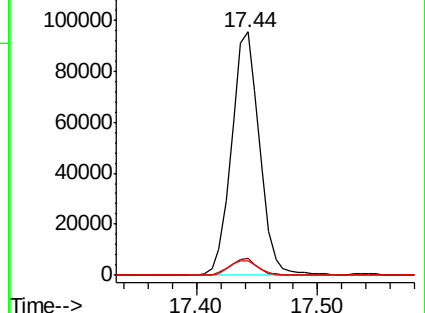
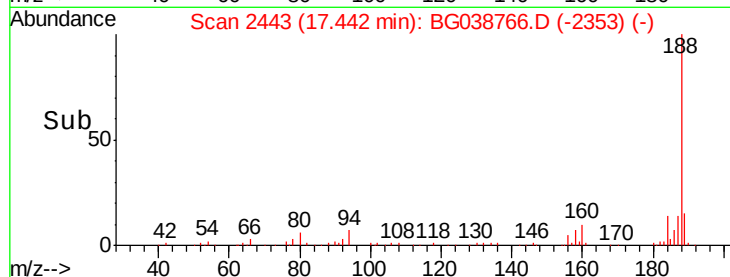
80 5.9 6.1 9.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#67

4-Bromophenyl-phenylether

Concen: 3.885 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.44 min

Lab File: BG038766.D

Acq: 20 Dec 2018 17:33

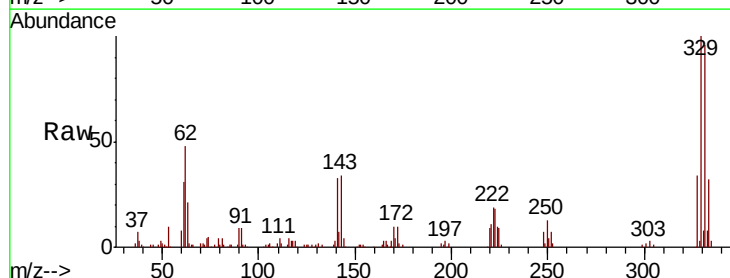
Tgt Ion:248 Resp: 7307

Ion Ratio Lower Upper

248 100

250 186.6 73.4 110.2#

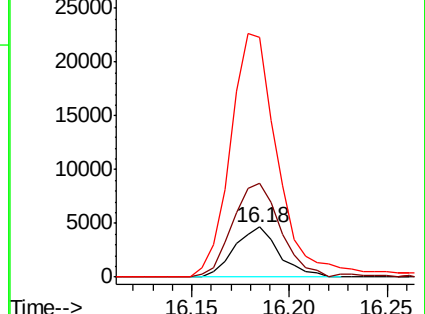
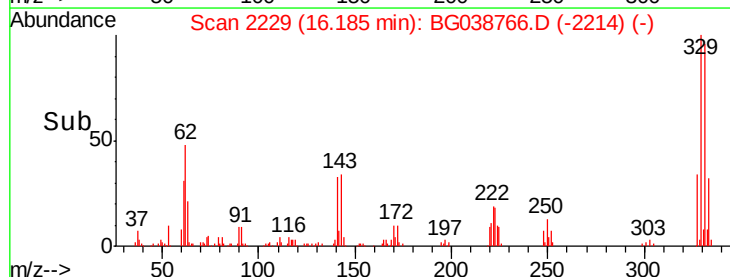
141 365.3 52.9 79.3#

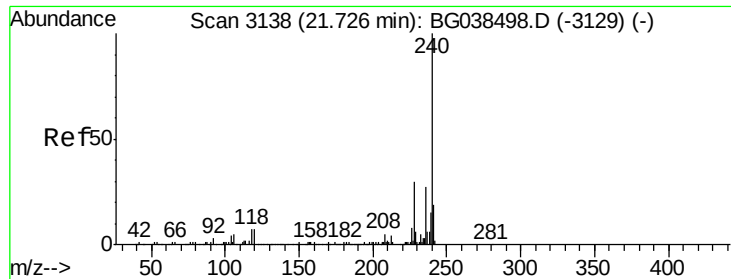


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

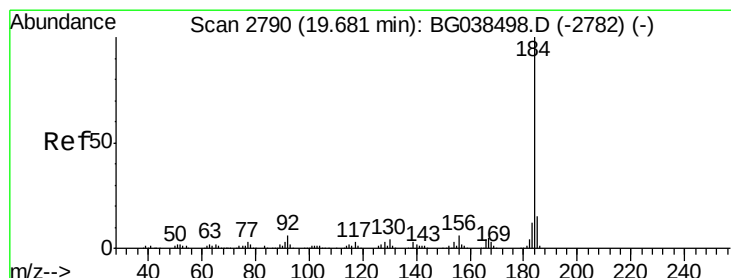
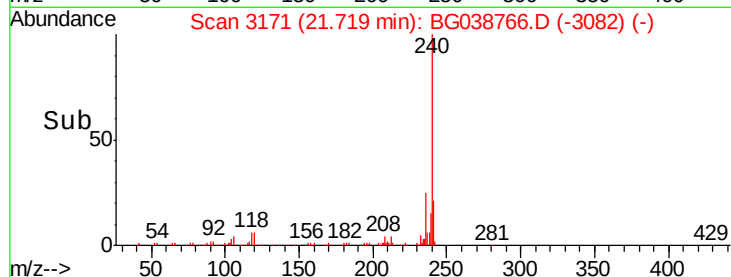
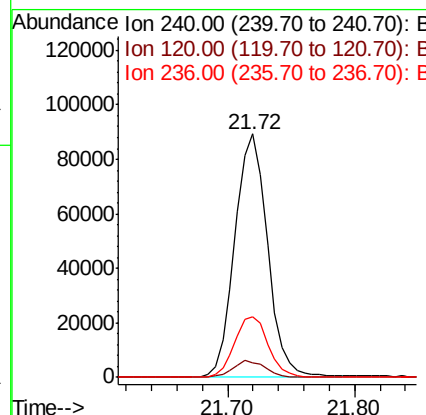
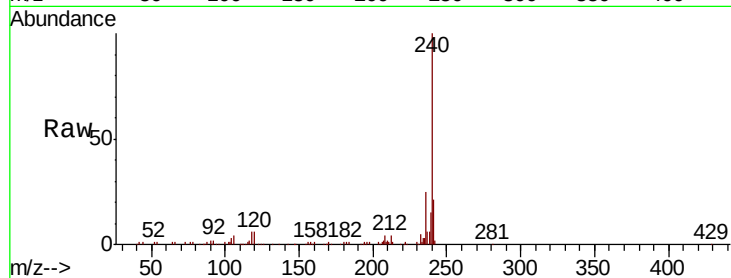




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038766.D
Acq: 20 Dec 2018 17:33

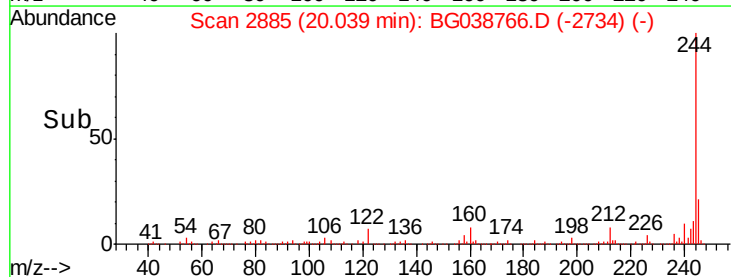
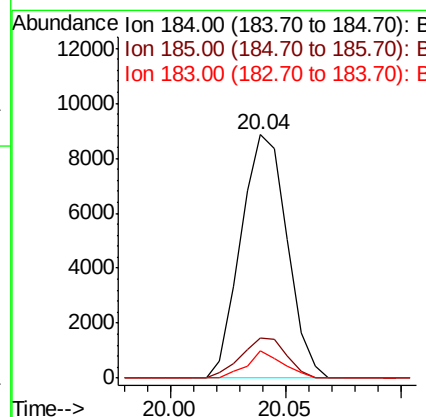
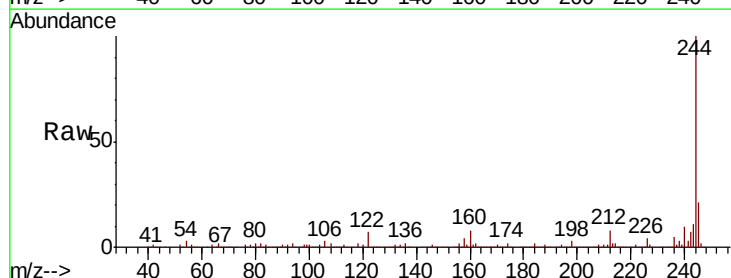
Instrument :
BNA_G
ClientSampleId :
PB115871BL

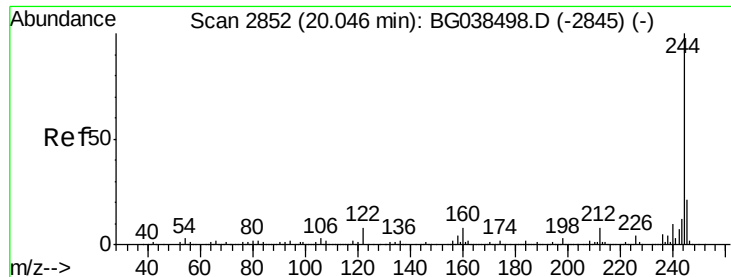
Tgt Ion: 240 Resp: 159792
Ion Ratio Lower Upper
240 100
120 6.2 5.3 7.9
236 25.1 21.4 32.2



#77
Benzidine
Concen: 2.617 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038766.D
Acq: 20 Dec 2018 17:33

Tgt Ion: 184 Resp: 12369
Ion Ratio Lower Upper
184 100
185 16.7 12.2 18.2
183 11.1 9.6 14.4





#79

Terphenyl-d14

Concen: 102.192 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038766.D

Acq: 20 Dec 2018 17:33

Instrument :

BNA_G

ClientSampleId :

PB115871BL

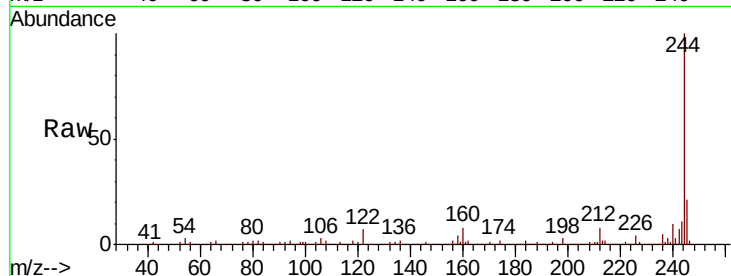
Tgt Ion:244 Resp: 750319

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

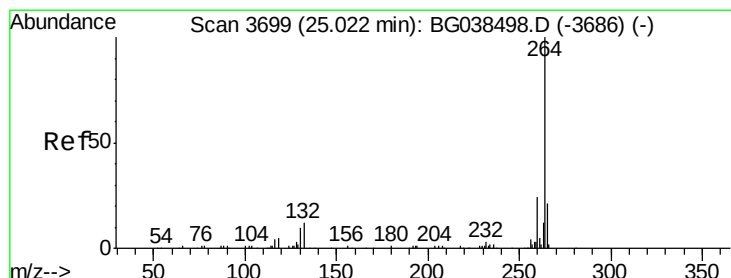
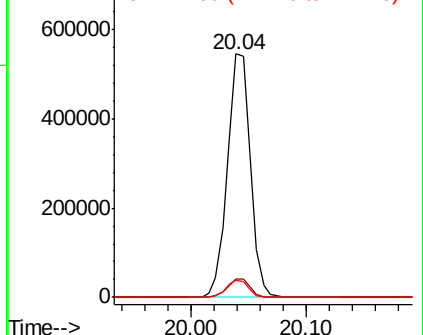
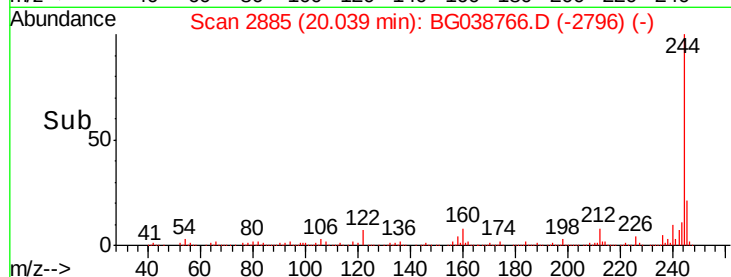
122 7.2 6.3 9.5



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: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038766.D

Acq: 20 Dec 2018 17:33

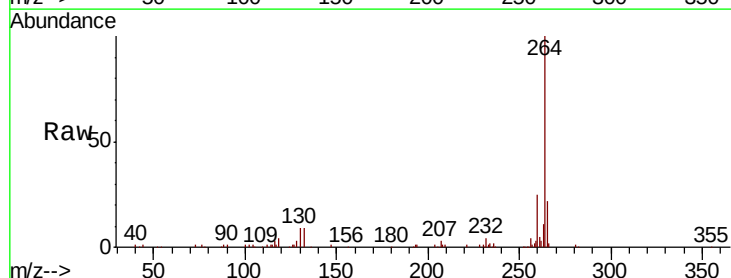
Tgt Ion:264 Resp: 162894

Ion Ratio Lower Upper

264 100

260 24.6 18.9 28.3

265 21.9 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

