

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
 Data File : BG038773.D
 Acq On : 20 Dec 2018 22:10
 Operator : JU/SJ
 Sample : J6199-10RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-121818-A

Quant Time: Dec 21 00:23:05 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

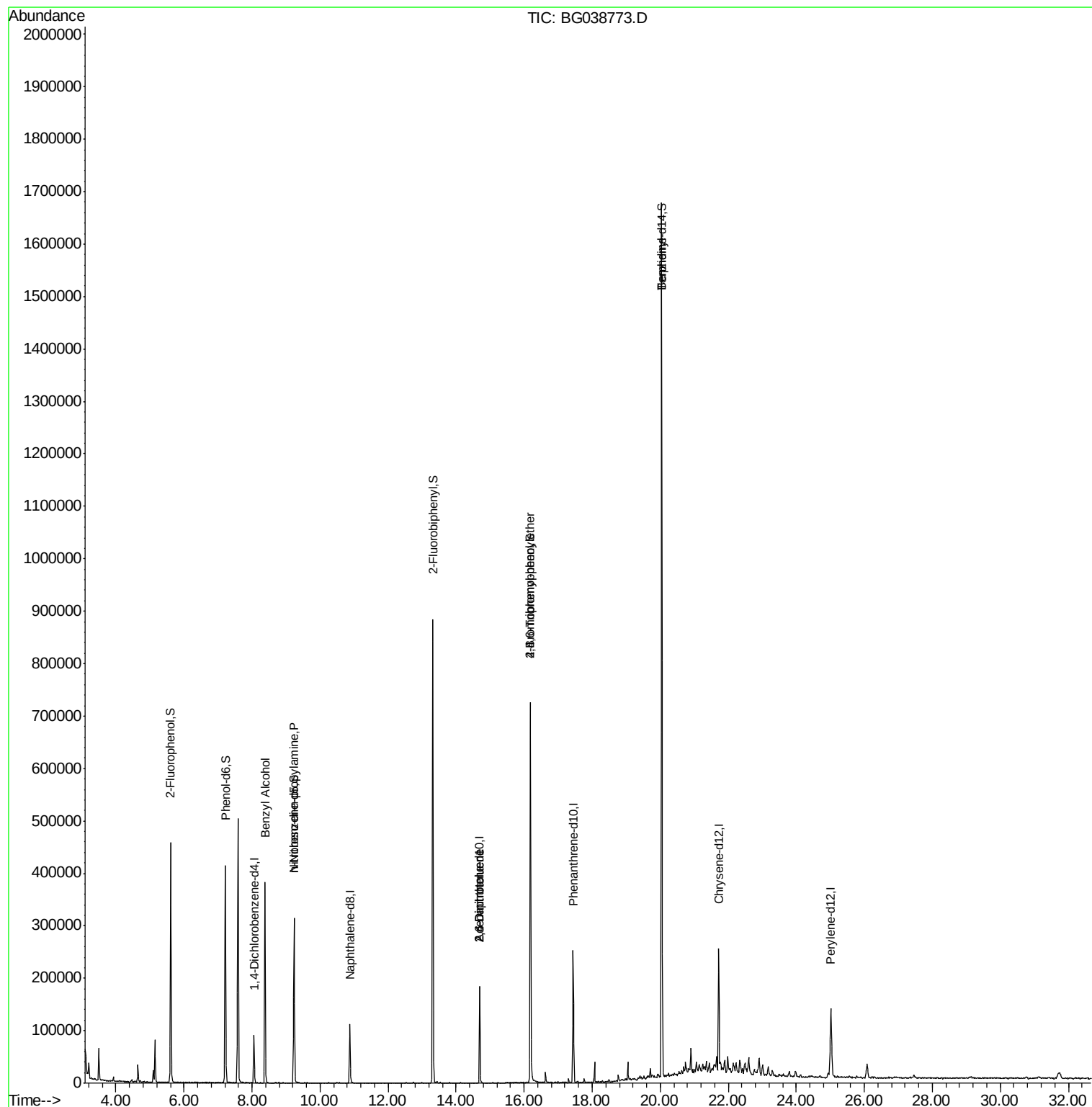
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25814	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	101268	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	66839	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	163324	20.00	ng	0.00
76) Chrysene-d12	21.72	240	153257	20.00	ng	0.00
87) Perylene-d12	25.02	264	170586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	194195	133.43	ng	0.01
7) Phenol-d6	7.21	99	238323	119.28	ng	0.00
23) Nitrobenzene-d5	9.23	82	189892	95.80	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	154866	168.12	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	492593	101.10	ng	0.00
79) Terphenyl-d14	20.04	244	847443	120.34	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	3383	2.169	ng	# 60
19) n-Nitroso-di-n-propylamine	9.23	70	26297	18.740	ng	# 65
51) 2,6-Dinitrotoluene	14.69	165	8970	7.252	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	8970	5.149	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	9630	4.828	ng	# 1
77) Benzidine	20.04	184	13693	3.021	ng	95

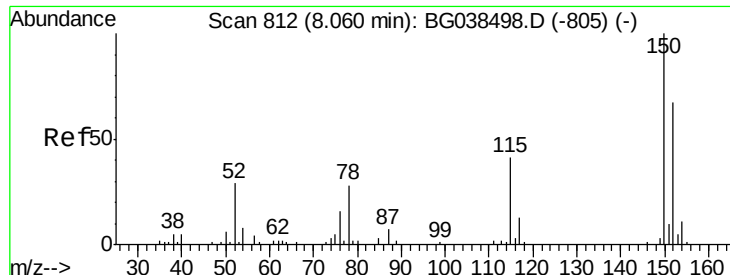
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

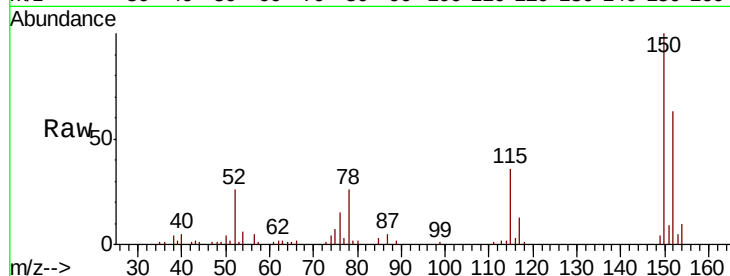




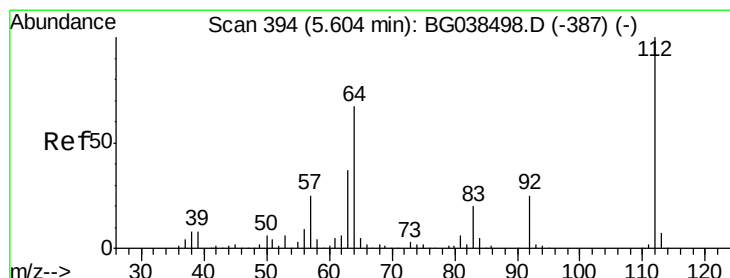
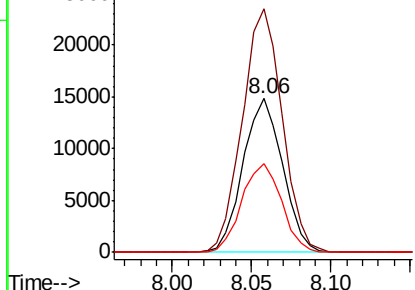
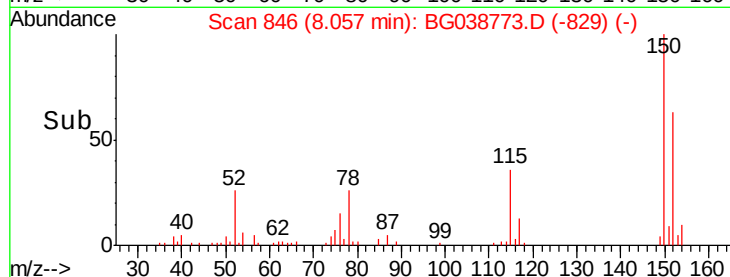
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038773.D
 Acq: 20 Dec 2018 22:10

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-121818-A

Tgt Ion:152 Resp: 25814
 Ion Ratio Lower Upper
 152 100
 150 158.2 119.5 179.3
 115 57.4 49.6 74.4

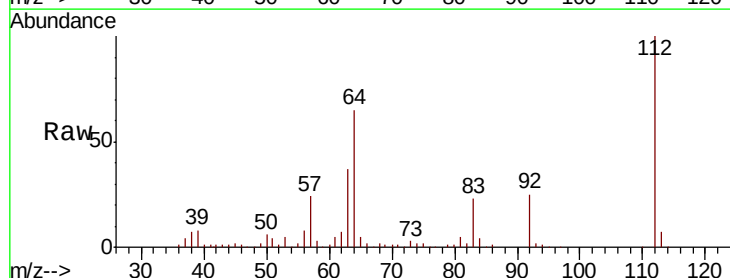


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

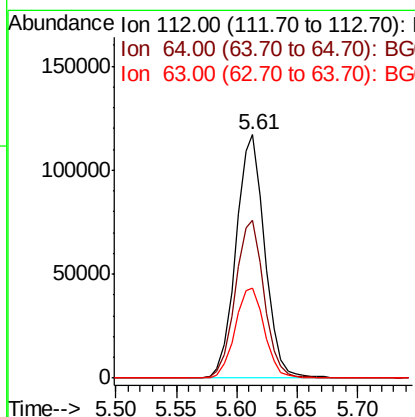
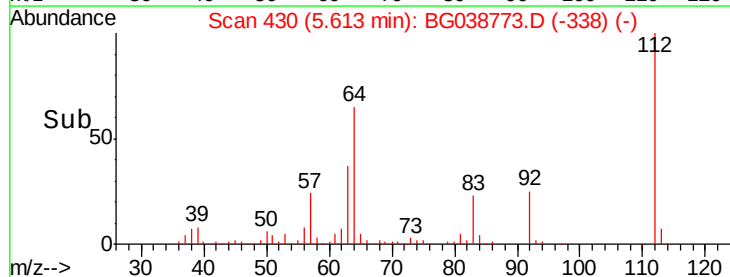


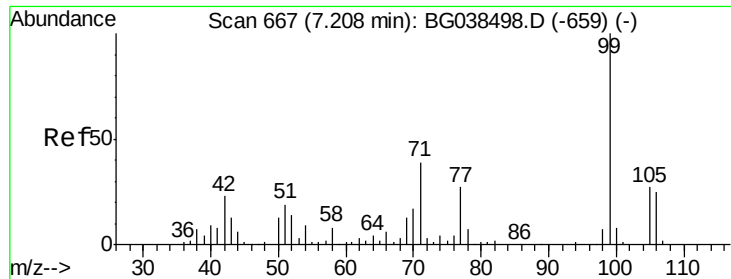
#5
 2-Fluorophenol
 Concen: 133.429 ng
 RT: 5.61 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BG038773.D
 Acq: 20 Dec 2018 22:10

Tgt Ion:112 Resp: 194195
 Ion Ratio Lower Upper
 112 100
 64 64.6 53.4 80.2
 63 37.1 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: 119.281 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038773.D

Acq: 20 Dec 2018 22:10

Instrument :

BNA_G

ClientSampleId :

SU-02-121818-A

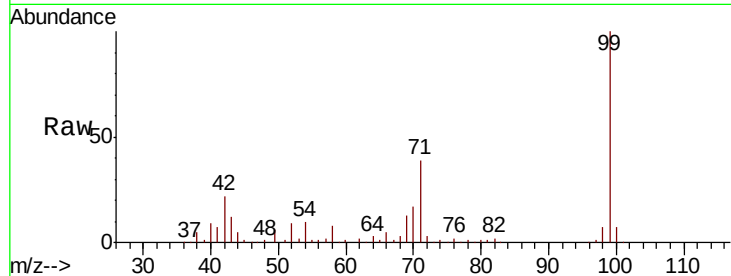
Tgt Ion: 99 Resp: 238323

Ion Ratio Lower Upper

99 100

42 21.7 18.5 27.7

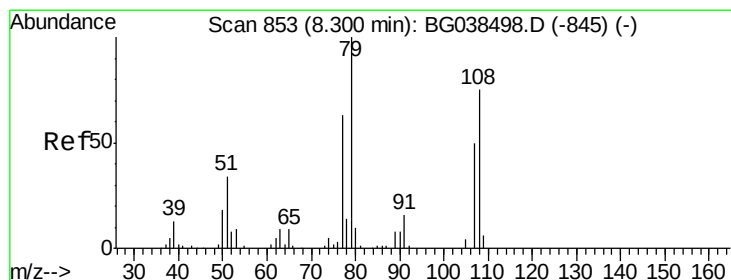
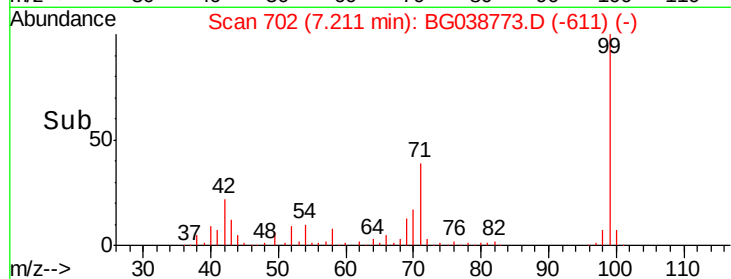
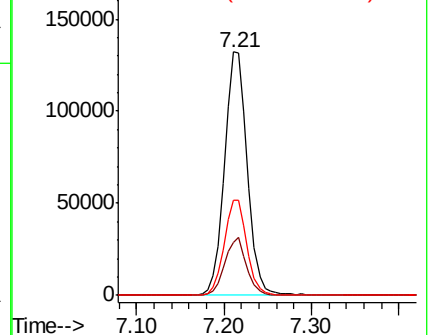
71 39.2 31.1 46.7



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



#15

Benzyl Alcohol

Concen: 2.169 ng

RT: 8.37 min Scan# 900

Delta R.T. 0.07 min

Lab File: BG038773.D

Acq: 20 Dec 2018 22:10

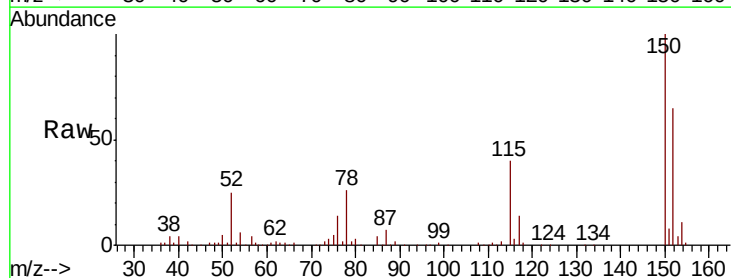
Tgt Ion: 79 Resp: 3383

Ion Ratio Lower Upper

79 100

108 37.5 60.2 90.4#

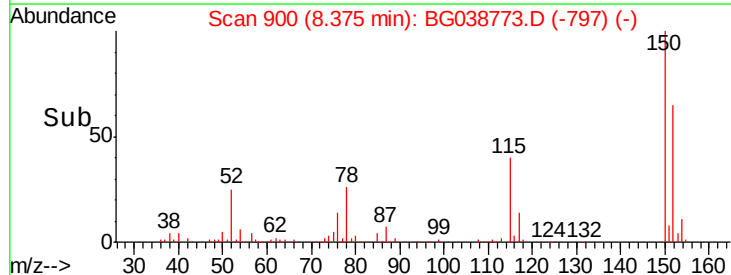
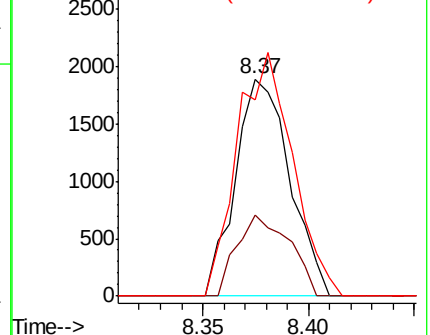
77 90.1 50.7 76.1#

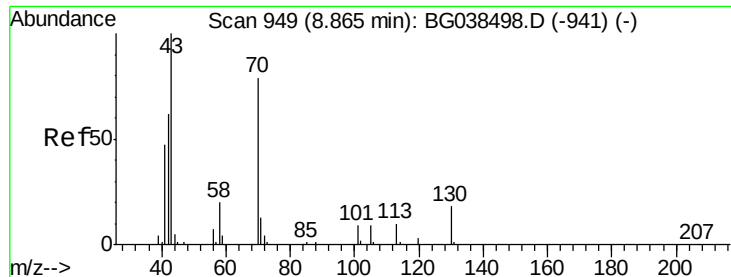


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

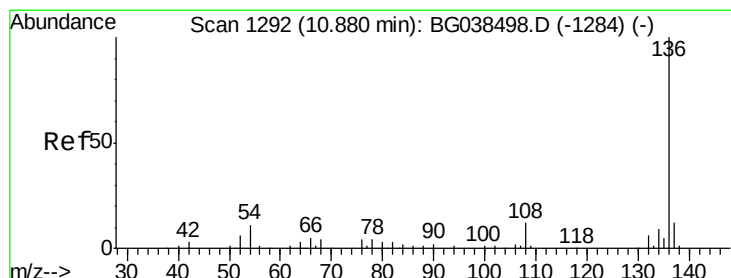
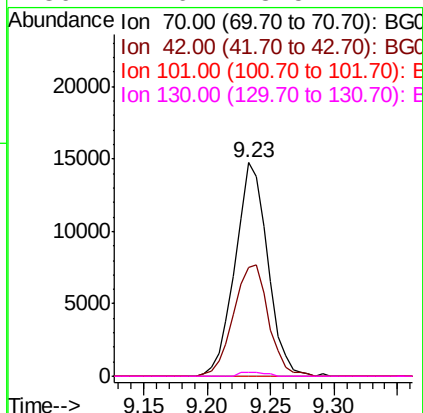
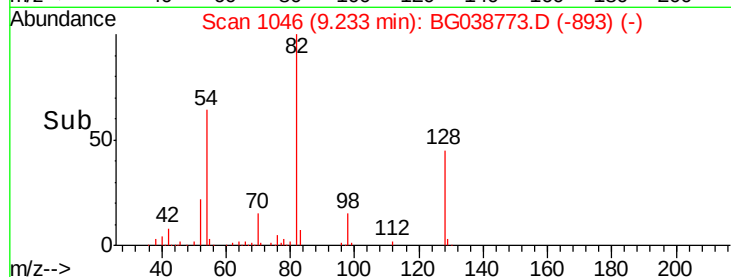
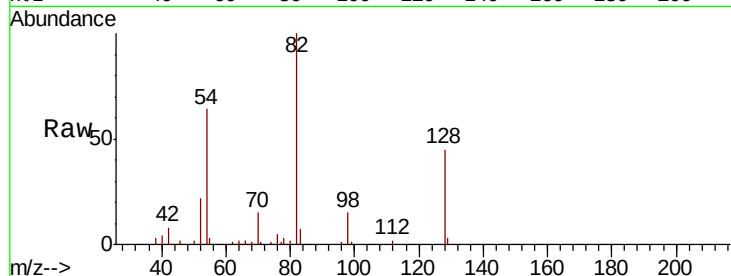




#19
n-Nitroso-di-n-propylamine
Concen: 18.740 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038773.D
Acq: 20 Dec 2018 22:10

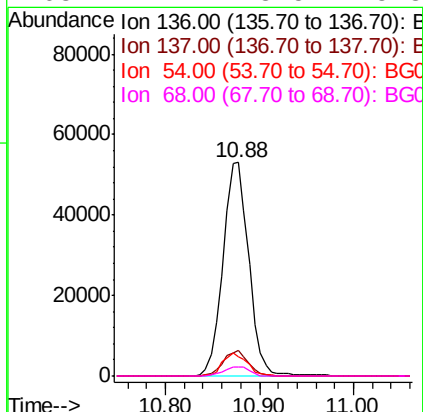
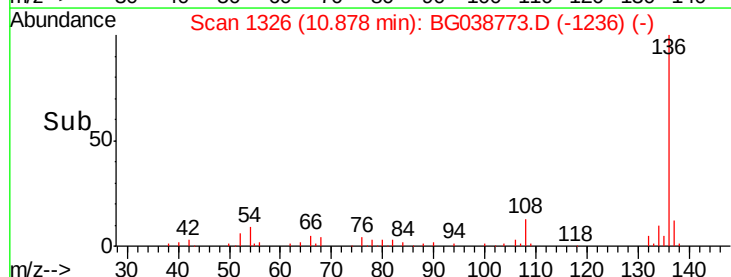
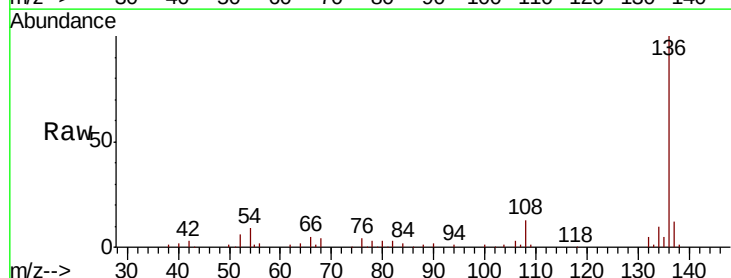
Instrument :
BNA_G
ClientSampleId :
SU-02-121818-A

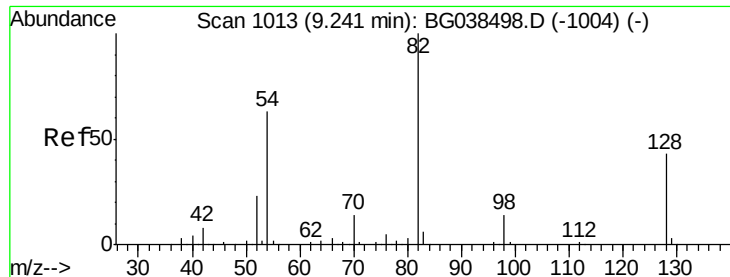
Tgt Ion: 70 Resp: 26297
Ion Ratio Lower Upper
70 100
42 50.9 63.6 95.4#
101 0.0 9.2 13.8#
130 1.6 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038773.D
Acq: 20 Dec 2018 22:10

Tgt Ion: 136 Resp: 101268
Ion Ratio Lower Upper
136 100
137 11.7 9.3 13.9
54 9.2 8.5 12.7
68 4.2 3.5 5.3

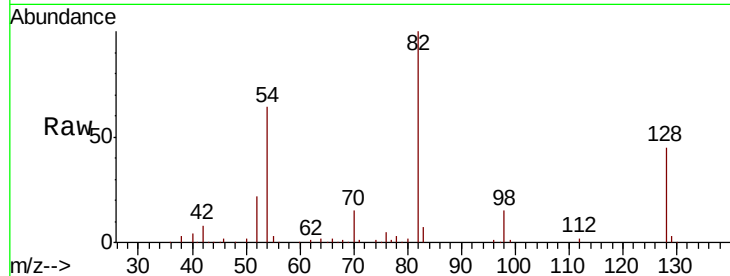




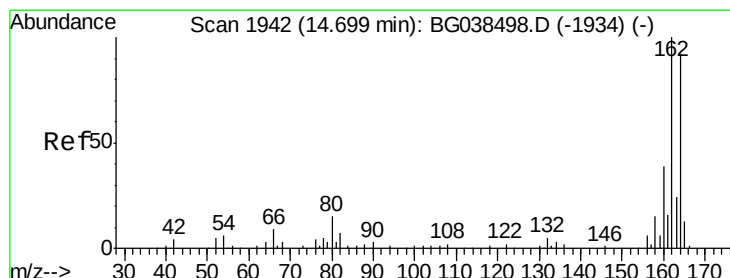
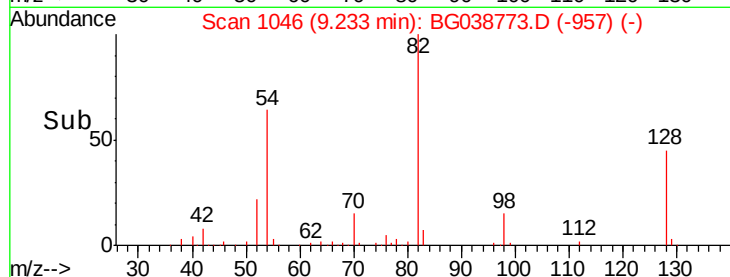
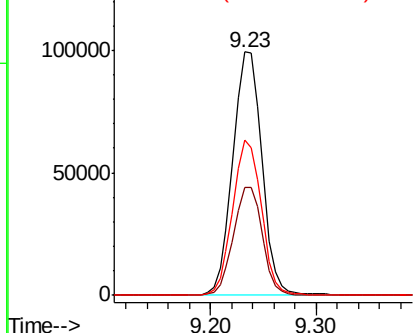
#23
 Nitrobenzene-d5
 Concen: 95.796 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038773.D
 Acq: 20 Dec 2018 22:10

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-121818-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	52.0
54	63.7	50.6	76.0

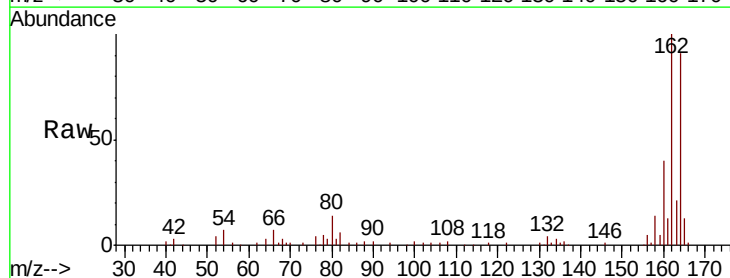


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

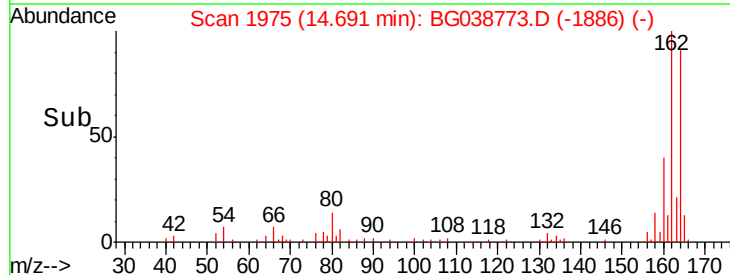
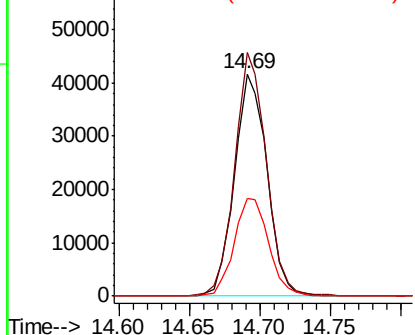


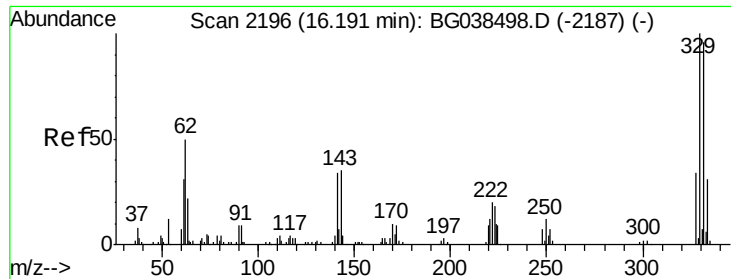
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038773.D
 Acq: 20 Dec 2018 22:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.7	86.6	130.0
160	43.9	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: 168.120 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038773.D

Acq: 20 Dec 2018 22:10

Instrument :

BNA_G

ClientSampleId :

SU-02-121818-A

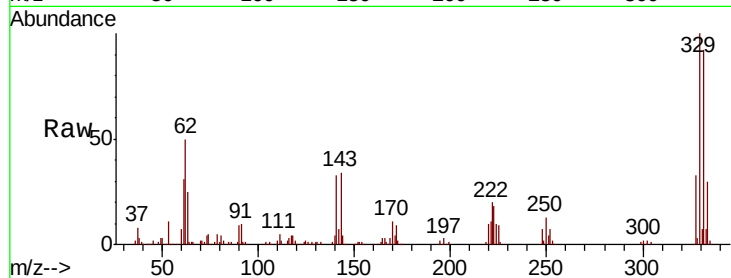
Tgt Ion:330 Resp: 154866

Ion Ratio Lower Upper

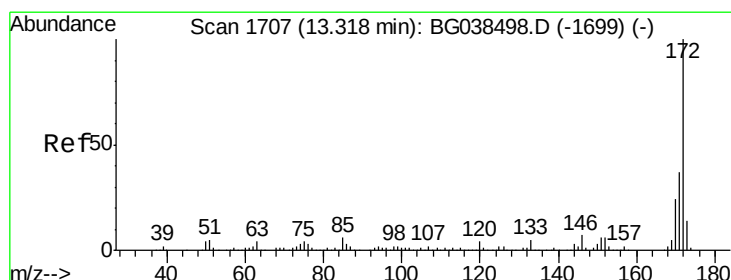
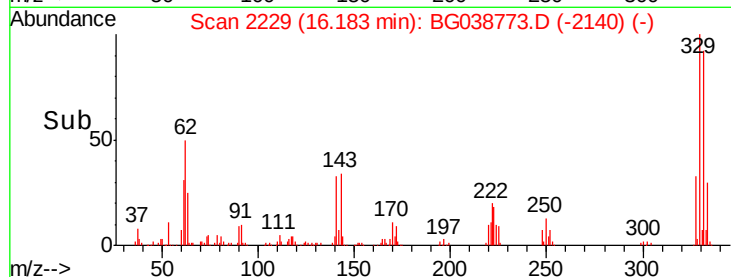
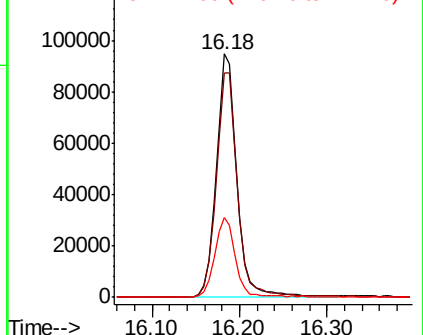
330 100

332 95.3 76.9 115.3

141 32.7 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: 101.103 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038773.D

Acq: 20 Dec 2018 22:10

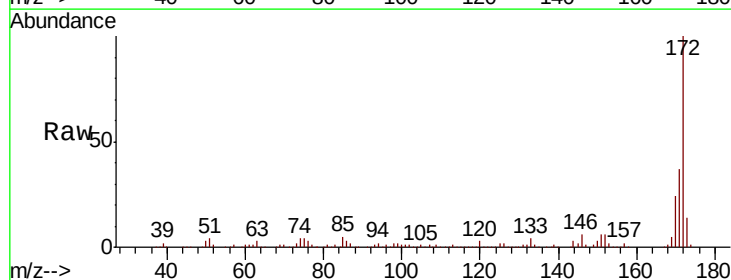
Tgt Ion:172 Resp: 492593

Ion Ratio Lower Upper

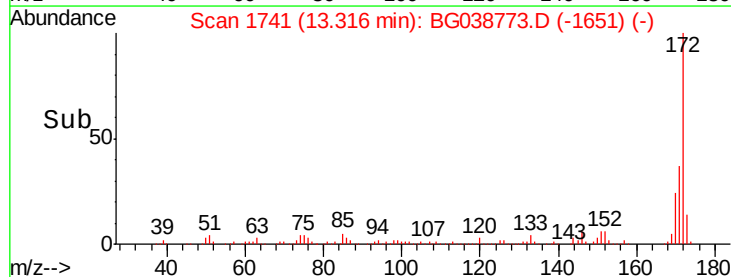
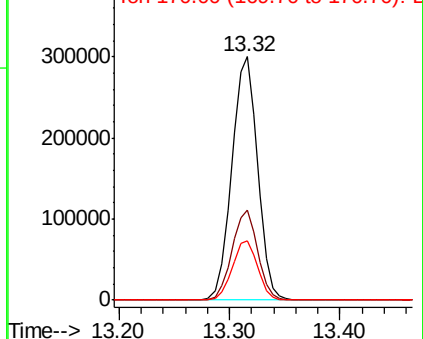
172 100

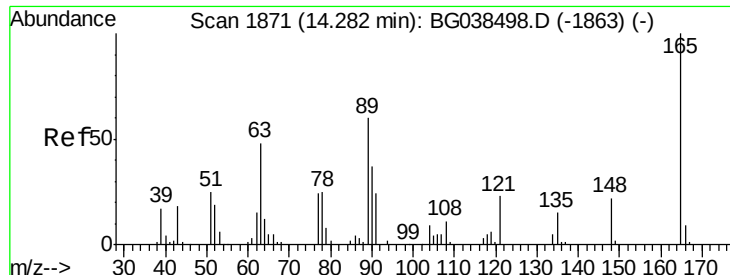
171 37.1 29.8 44.6

170 24.1 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

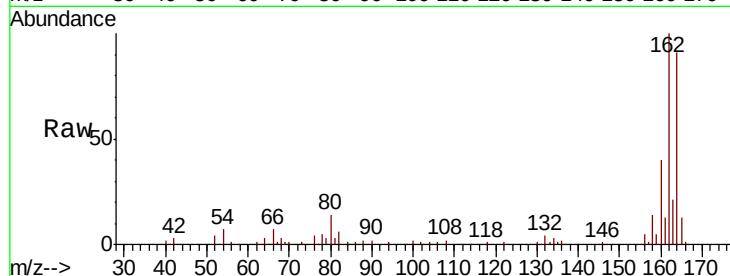




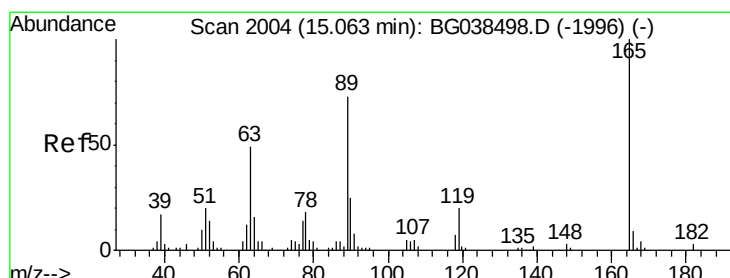
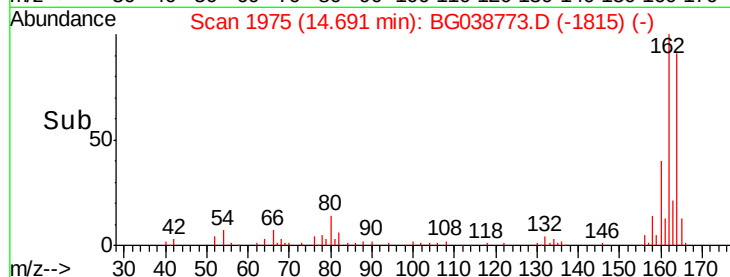
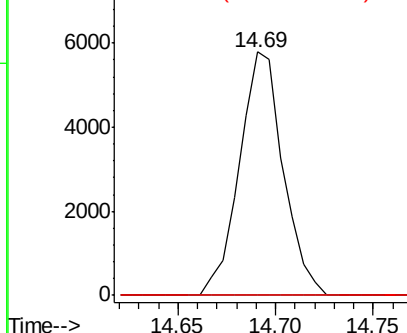
#51
 2,6-Dinitrotoluene
 Concen: 7.252 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038773.D
 Acq: 20 Dec 2018 22:10

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-121818-A

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



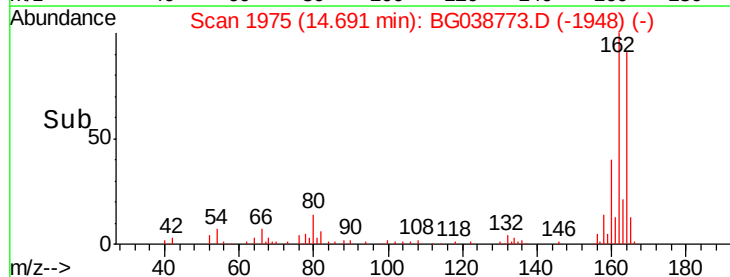
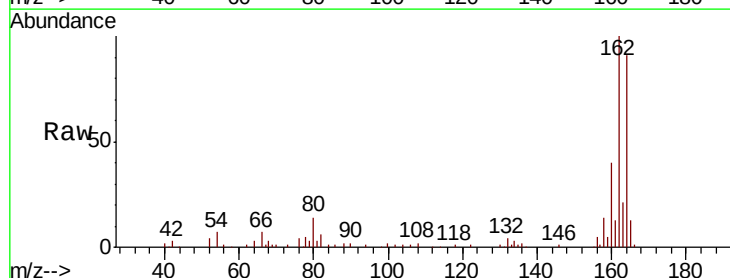
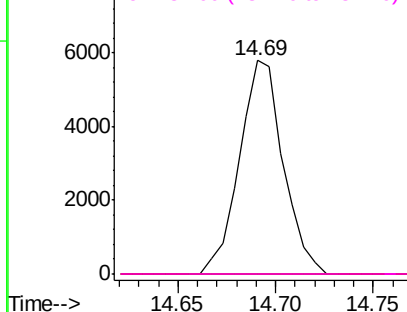
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

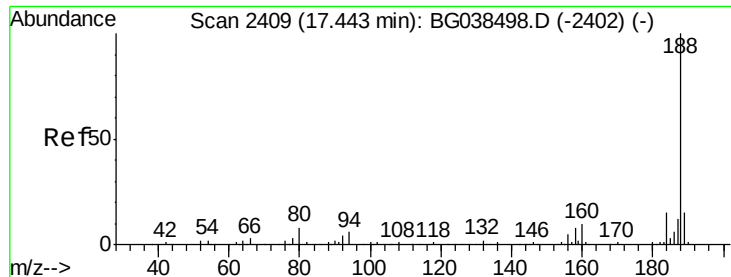


#57
 2,4-Dinitrotoluene
 Concen: 5.149 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038773.D
 Acq: 20 Dec 2018 22:10

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

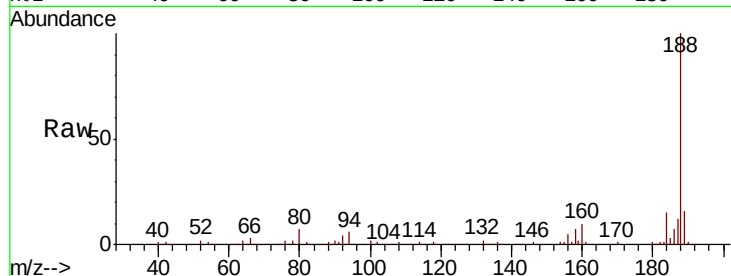




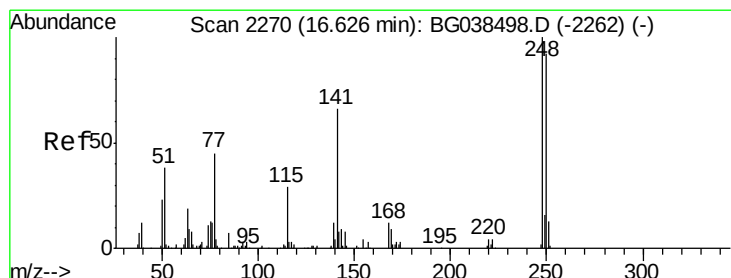
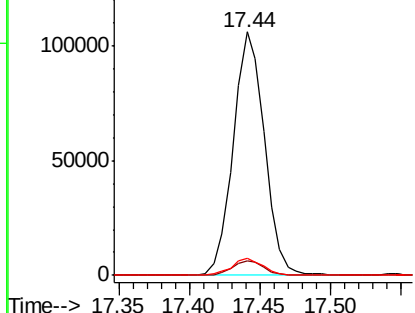
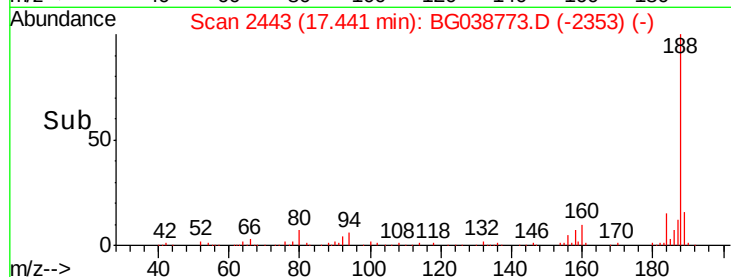
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038773.D
 Acq: 20 Dec 2018 22:10

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-121818-A

Tgt Ion:188 Resp: 163324
 Ion Ratio Lower Upper
 188 100
 94 6.2 5.1 7.7
 80 6.9 6.1 9.1

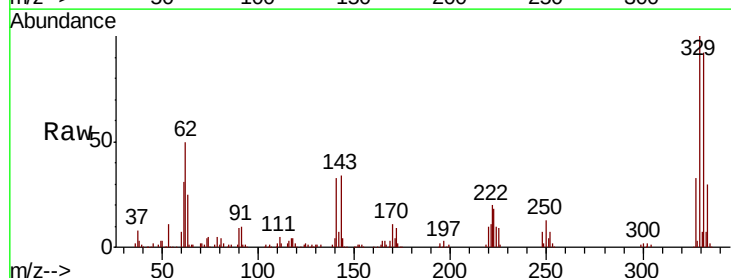


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

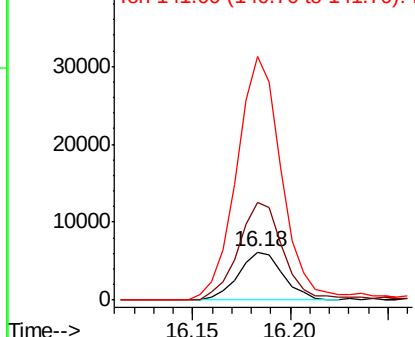
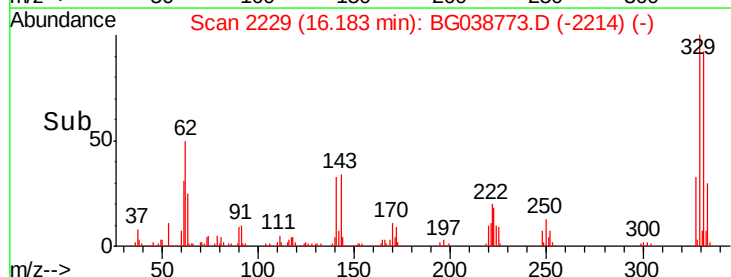


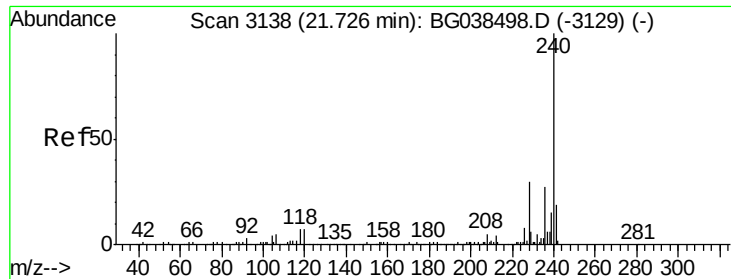
#67
 4-Bromophenyl-phenylether
 Concen: 4.828 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038773.D
 Acq: 20 Dec 2018 22:10

Tgt Ion:248 Resp: 9630
 Ion Ratio Lower Upper
 248 100
 250 198.0 73.4 110.2#
 141 378.1 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

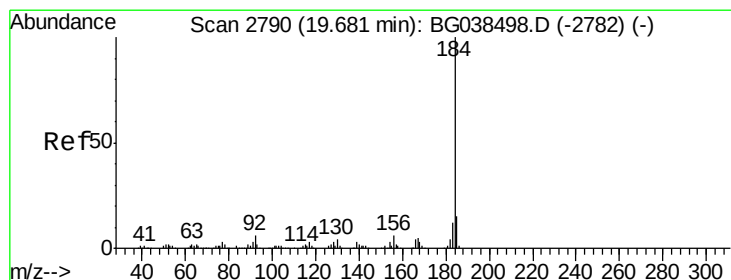
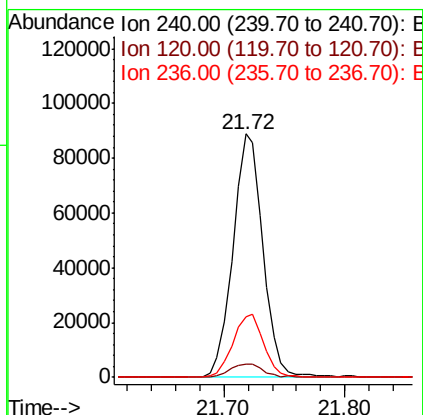
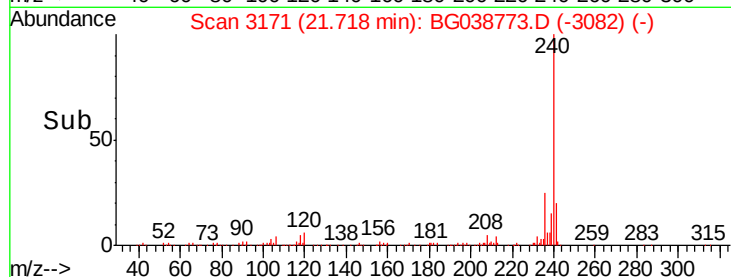
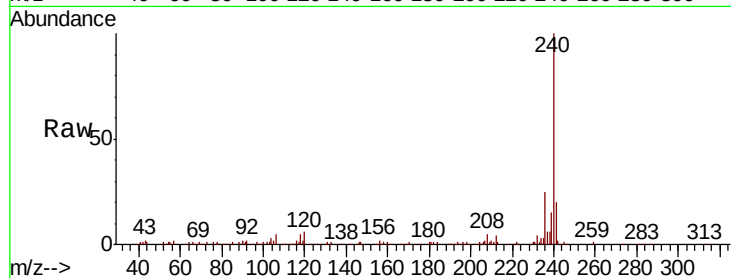




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038773.D
Acq: 20 Dec 2018 22:10

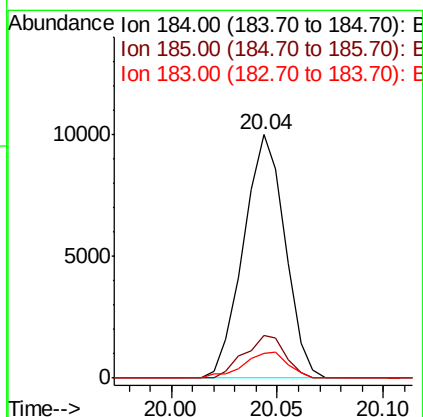
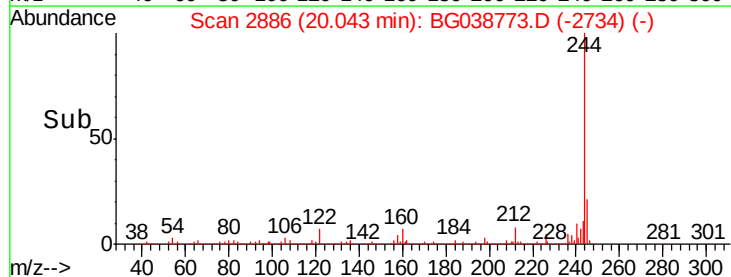
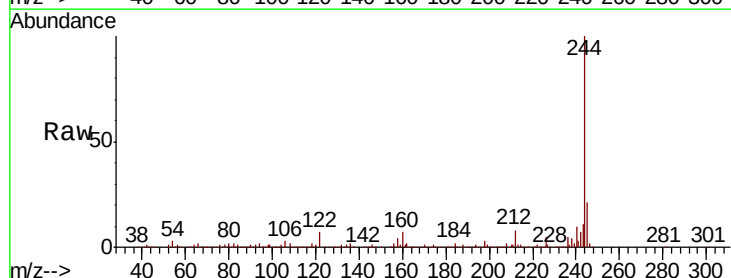
Instrument :
BNA_G
ClientSampleId :
SU-02-121818-A

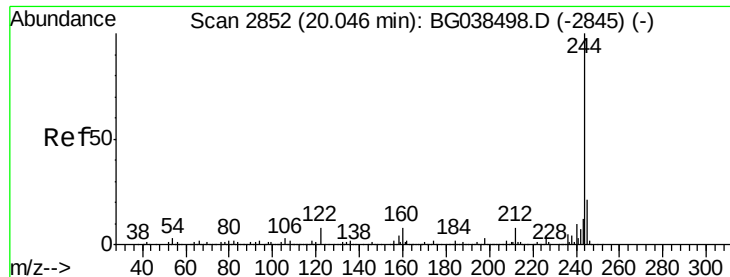
Tgt Ion:240 Resp: 153257
Ion Ratio Lower Upper
240 100
120 5.7 5.3 7.9
236 25.0 21.4 32.2



#77
Benzidine
Concen: 3.021 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038773.D
Acq: 20 Dec 2018 22:10

Tgt Ion:184 Resp: 13693
Ion Ratio Lower Upper
184 100
185 17.5 12.2 18.2
183 10.1 9.6 14.4





#79

Terphenyl-d14

Concen: 120.342 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038773.D

Acq: 20 Dec 2018 22:10

Instrument :

BNA_G

ClientSampleId :

SU-02-121818-A

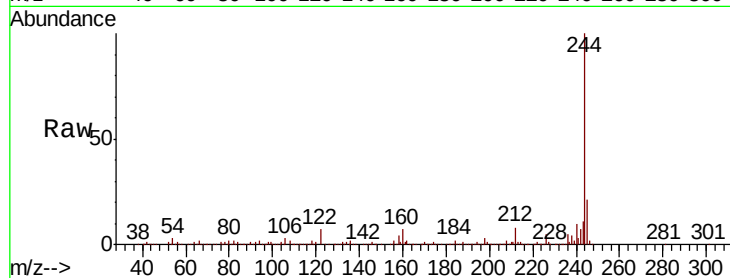
Tgt Ion:244 Resp: 847443

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

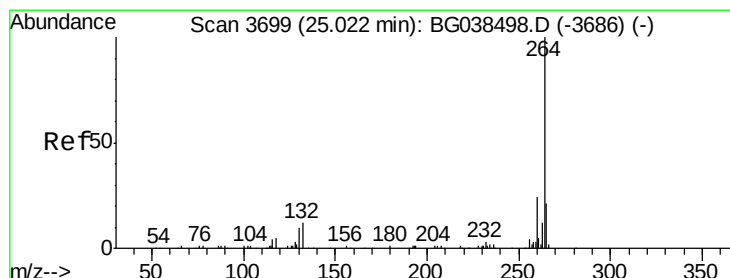
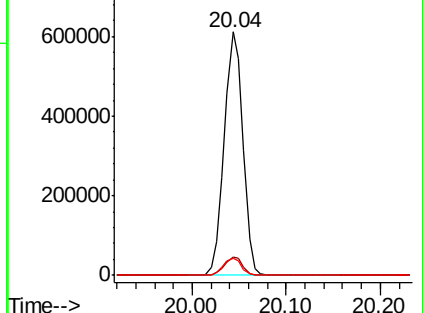
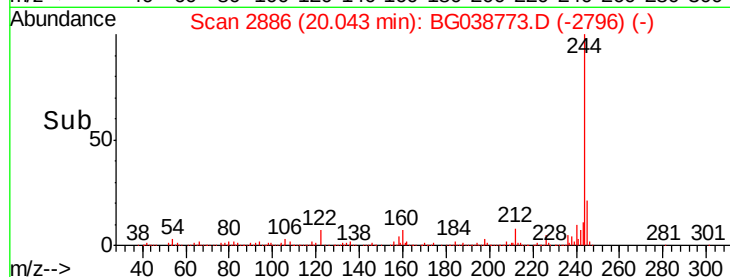
122 7.1 6.3 9.5



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: BG038773.D

Acq: 20 Dec 2018 22:10

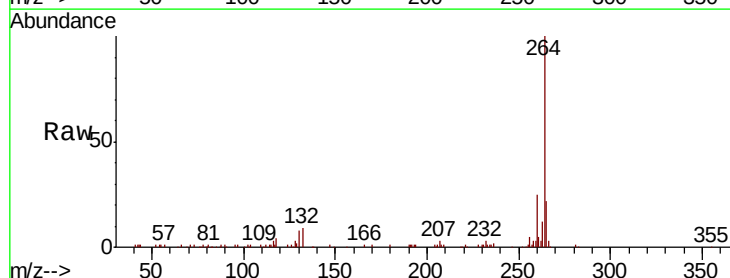
Tgt Ion:264 Resp: 170586

Ion Ratio Lower Upper

264 100

260 25.1 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

