

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038660.D
 Acq On : 17 Dec 2018 13:05
 Operator : JU/SJ
 Sample : J6377-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181211

Quant Time: Dec 18 02:56:22 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

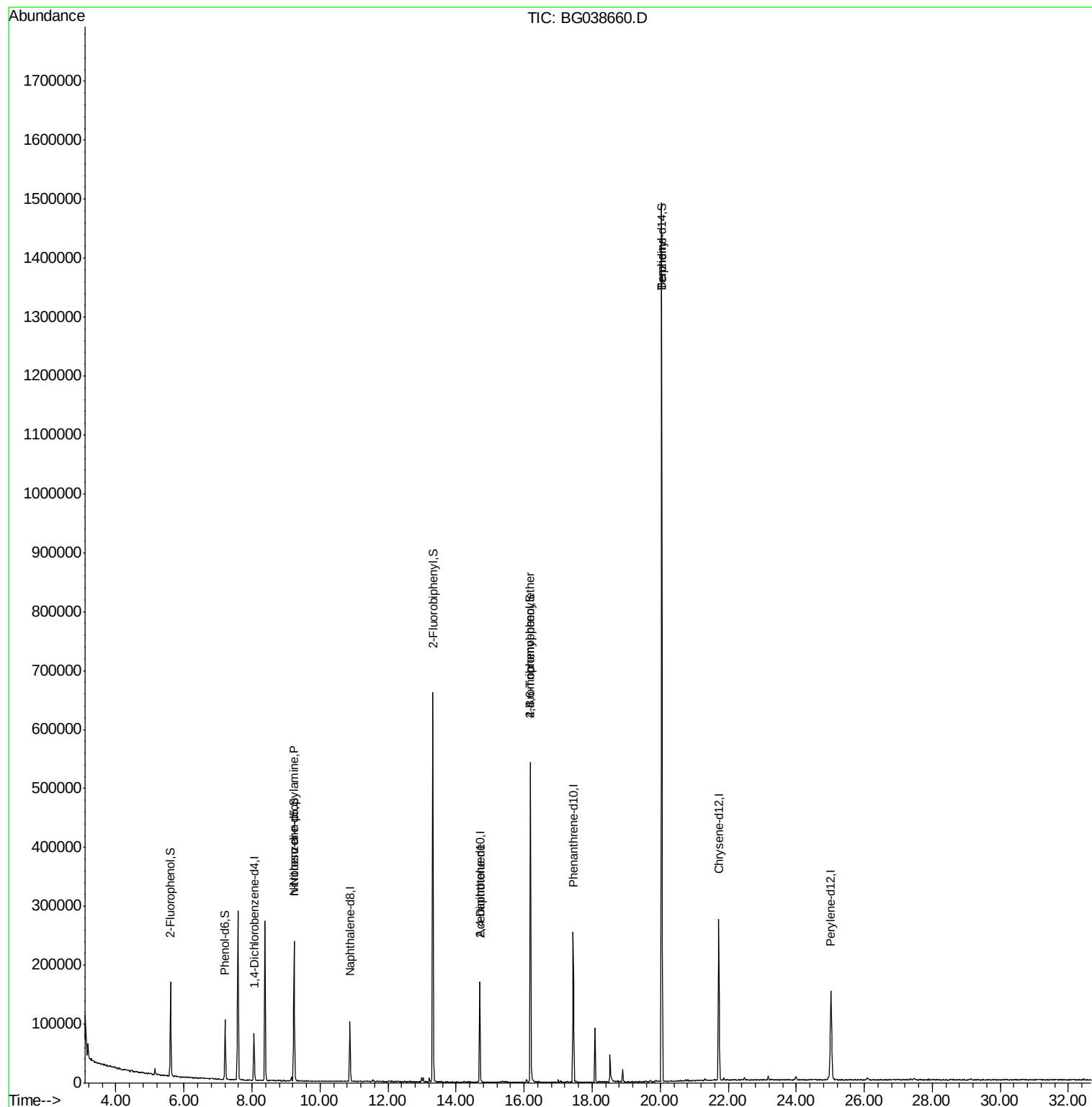
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21909	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	91247	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	62279	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	169096	20.00	ng	0.00
76) Chrysene-d12	21.72	240	178287	20.00	ng	0.00
87) Perylene-d12	25.03	264	188794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	69082	55.93	ng	0.00
7) Phenol-d6	7.21	99	57271	33.77	ng	0.00
23) Nitrobenzene-d5	9.23	82	141728	79.35	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	108129	125.98	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	348017	76.66	ng	0.00
79) Terphenyl-d14	20.04	244	729387	89.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	19578	16.438	ng	# 76
57) 2,4-Dinitrotoluene	14.69	165	8041	4.953	ng	# 23
67) 4-Bromophenyl-phenylether	16.18	248	6858	3.321	ng	# 1
77) Benzidine	20.04	184	13623	2.584	ng	# 93

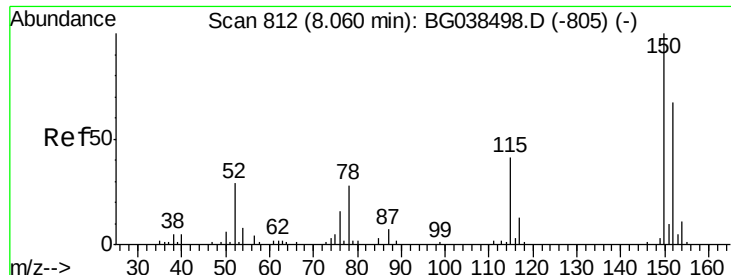
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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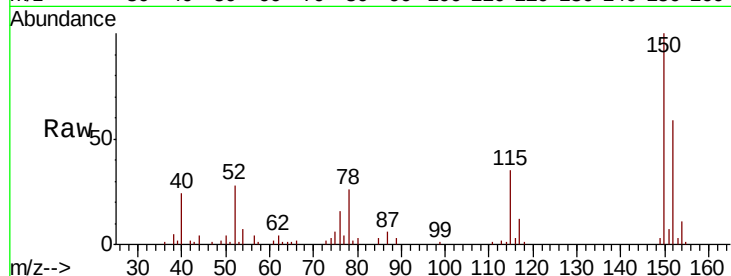


#1

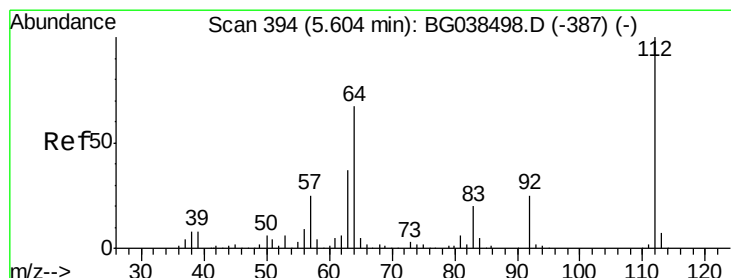
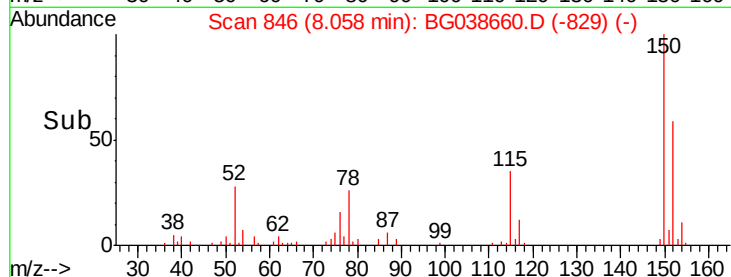
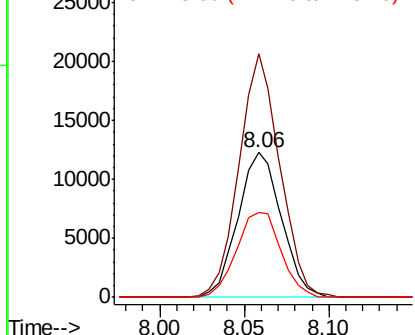
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038660.D
Acq: 17 Dec 2018 13:05

Instrument :
BNA_G
ClientSampleId :
P001-RB-181211

Tgt Ion:152 Resp: 21909
Ion Ratio Lower Upper
152 100
150 168.5 119.5 179.3
115 59.1 49.6 74.4



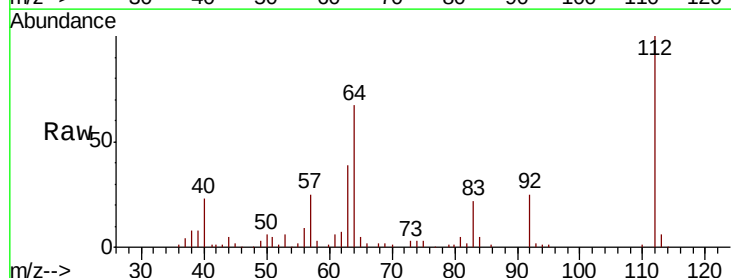
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



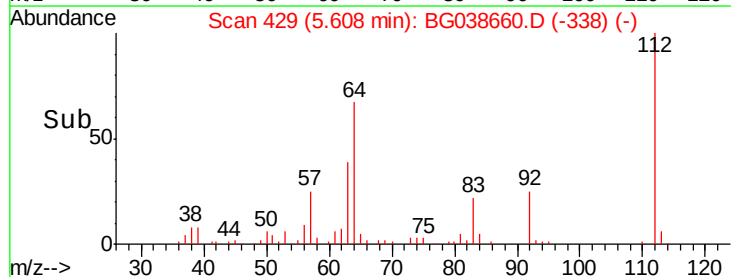
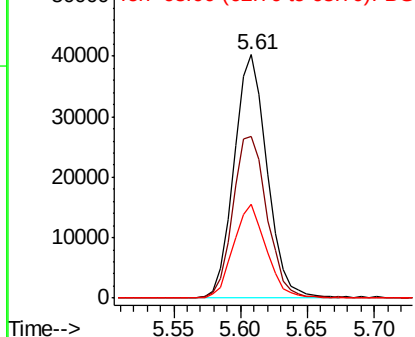
#5

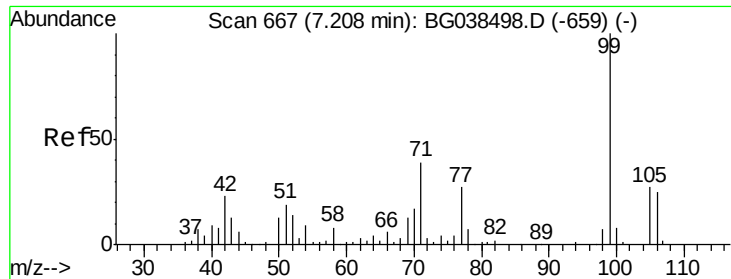
2-Fluorophenol
Concen: 55.926 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038660.D
Acq: 17 Dec 2018 13:05

Tgt Ion:112 Resp: 69082
Ion Ratio Lower Upper
112 100
64 66.5 53.4 80.2
63 38.5 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: 33.773 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038660.D

Acq: 17 Dec 2018 13:05

Instrument :

BNA_G

ClientSampleId :

P001-RB-181211

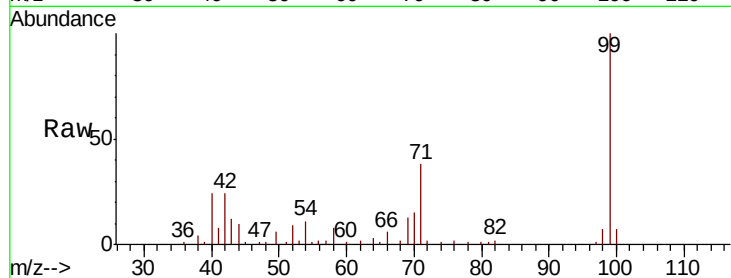
Tgt Ion: 99 Resp: 57271

Ion Ratio Lower Upper

99 100

42 23.7 18.5 27.7

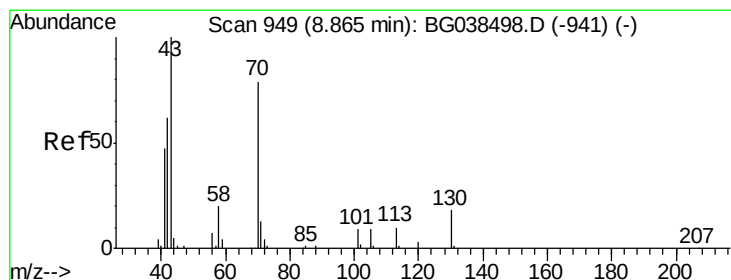
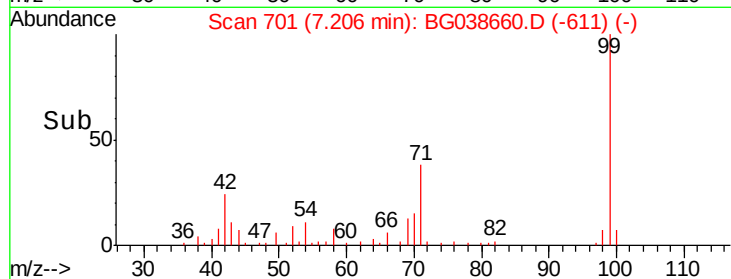
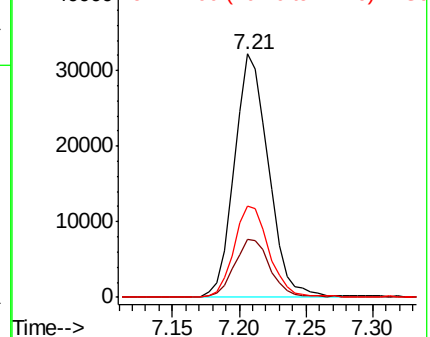
71 37.6 31.1 46.7



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: 16.438 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038660.D

Acq: 17 Dec 2018 13:05

Tgt Ion: 70 Resp: 19578

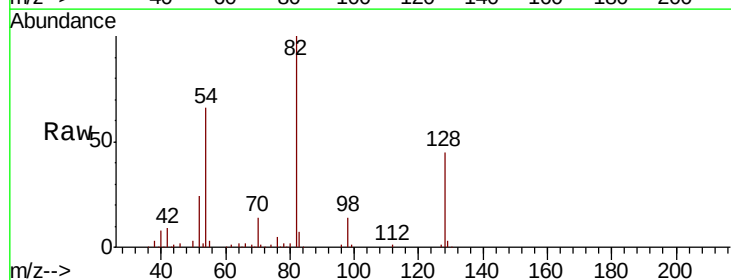
Ion Ratio Lower Upper

70 100

42 64.5 63.6 95.4

101 0.0 9.2 13.8#

130 2.0 18.5 27.7#

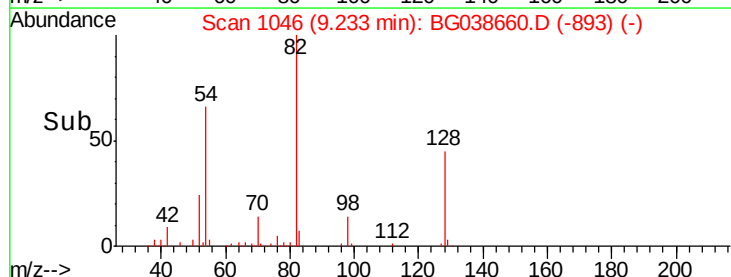
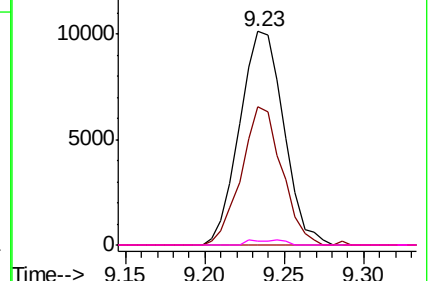


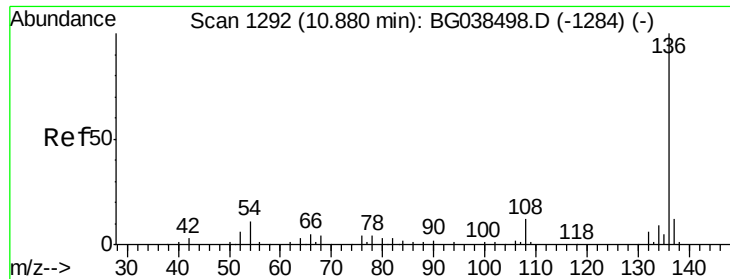
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

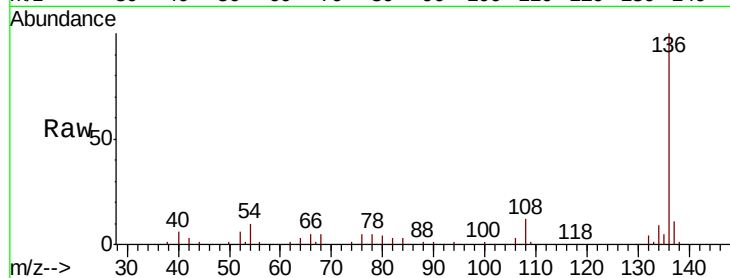




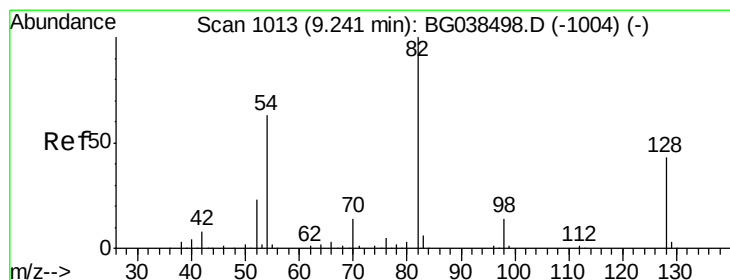
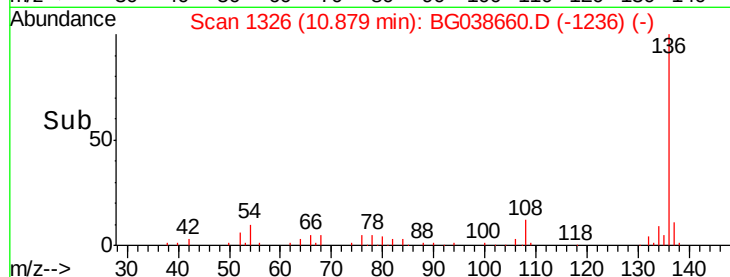
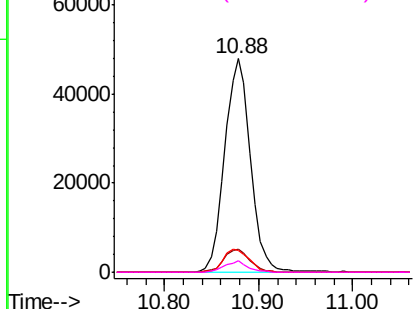
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038660.D
Acq: 17 Dec 2018 13:05

Instrument :
BNA_G
ClientSampleId :
P001-RB-181211

Tgt Ion: 136 Resp: 91247
Ion Ratio Lower Upper
136 100
137 10.9 9.3 13.9
54 10.1 8.5 12.7
68 5.4 3.5 5.3#

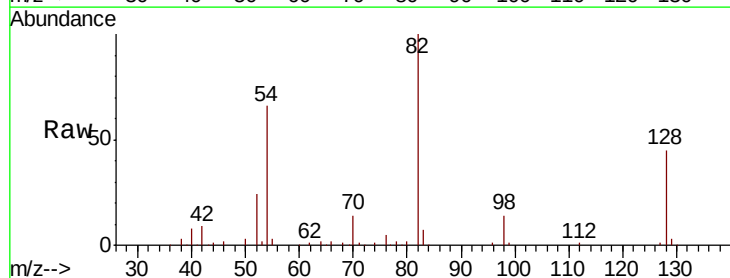


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

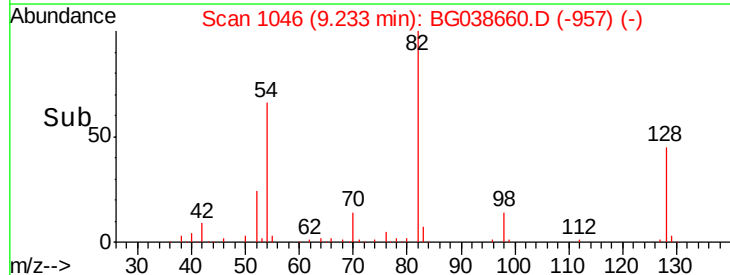
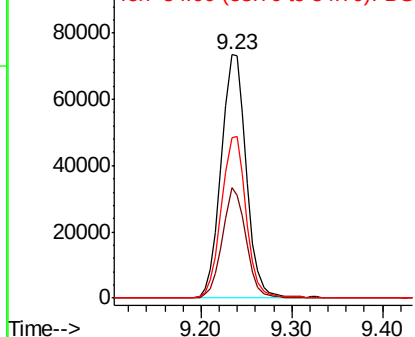


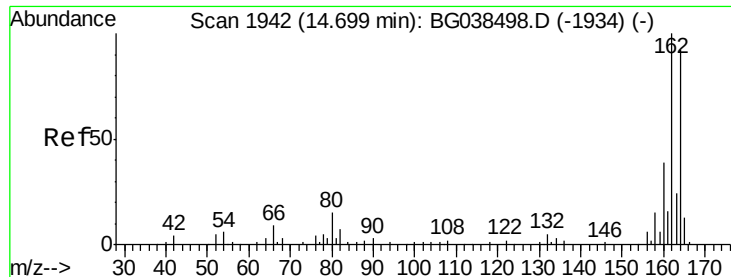
#23
Nitrobenzene-d5
Concen: 79.350 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038660.D
Acq: 17 Dec 2018 13:05

Tgt Ion: 82 Resp: 141728
Ion Ratio Lower Upper
82 100
128 45.4 34.6 52.0
54 65.7 50.6 76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038660.D

Acq: 17 Dec 2018 13:05

Instrument :

BNA_G

ClientSampleId :

P001-RB-181211

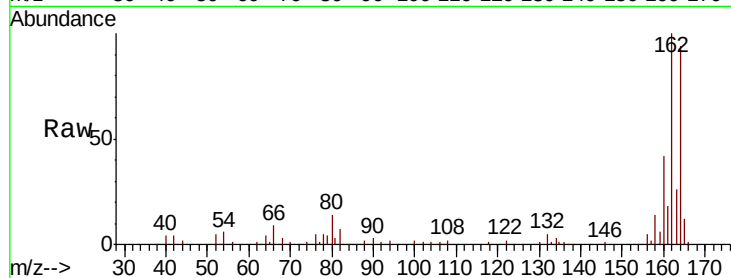
Tgt Ion:164 Resp: 62279

Ion Ratio Lower Upper

164 100

162 106.0 86.6 130.0

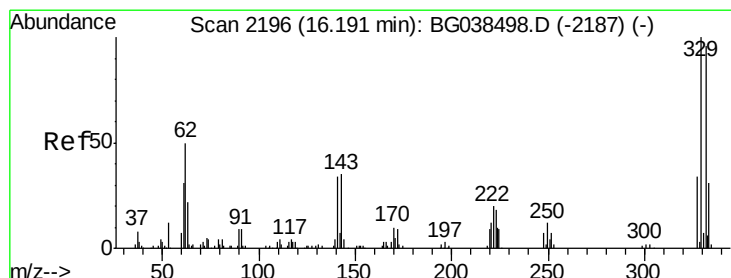
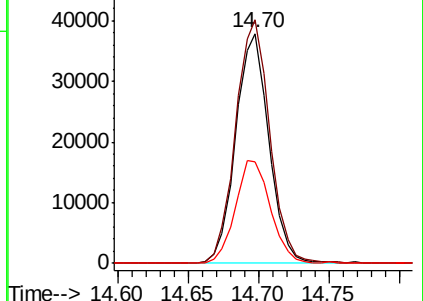
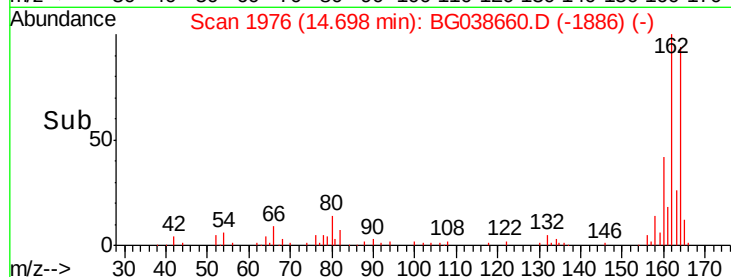
160 44.5 34.2 51.2



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: 125.978 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038660.D

Acq: 17 Dec 2018 13:05

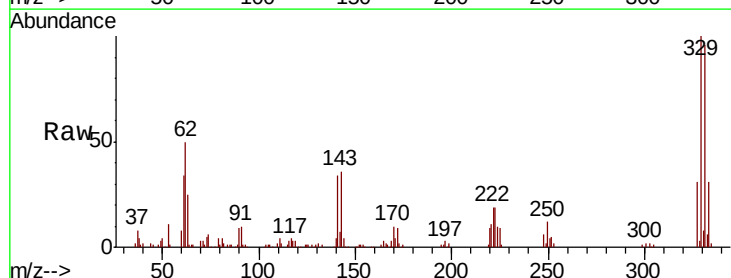
Tgt Ion:330 Resp: 108129

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

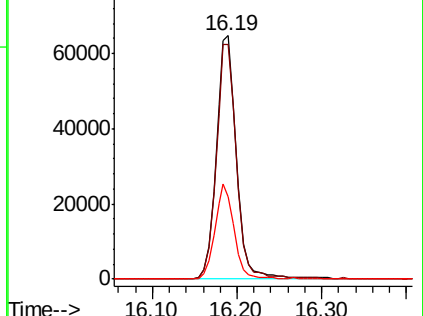
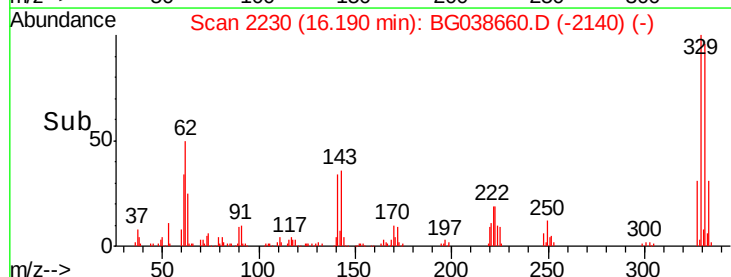
141 37.7 28.8 43.2

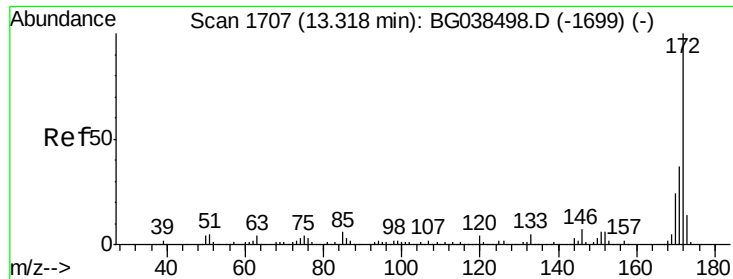


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

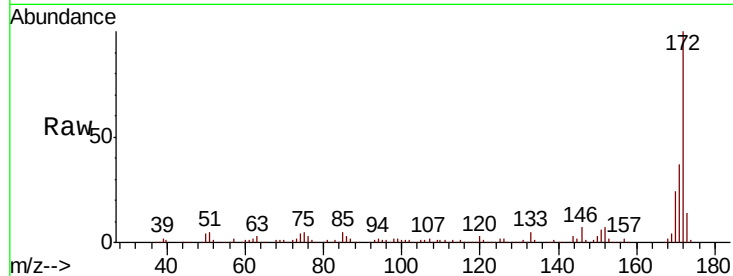




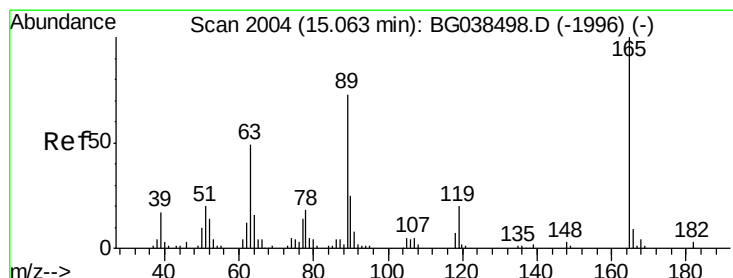
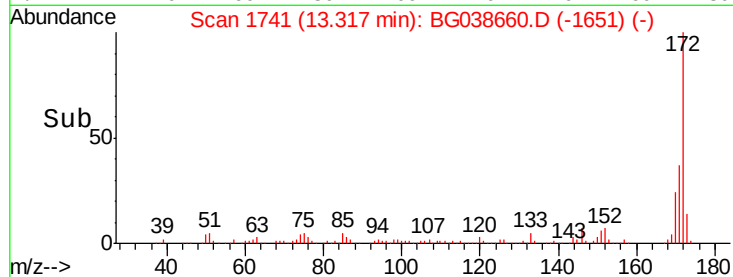
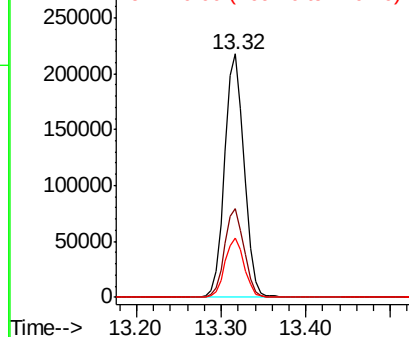
#45
2-Fluorobiphenyl
Concen: 76.659 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038660.D
Acq: 17 Dec 2018 13:05

Instrument :
BNA_G
ClientSampleId :
P001-RB-181211

Tgt Ion:172 Resp: 348017
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.1 19.5 29.3

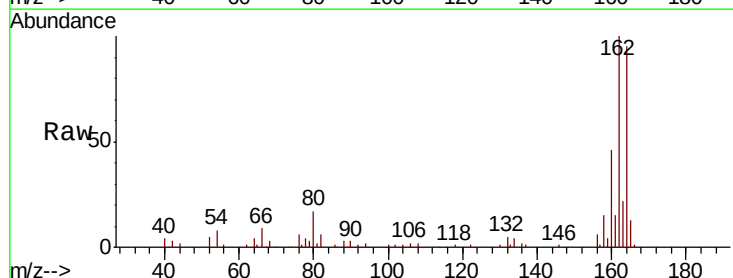


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

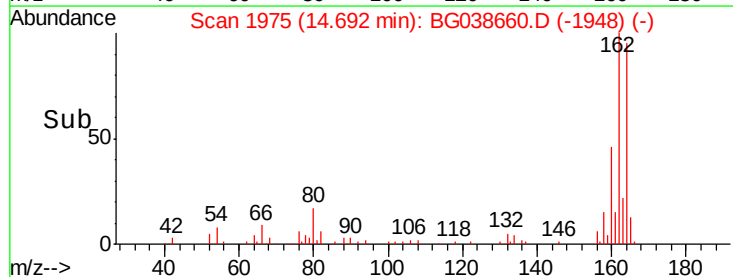
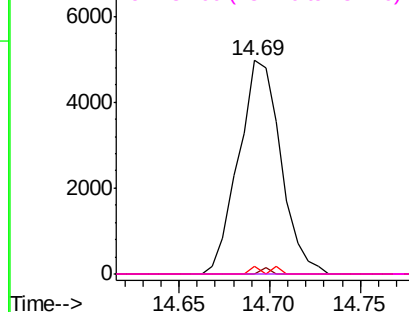


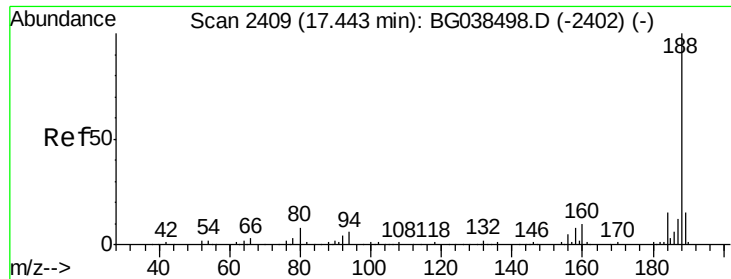
#57
2,4-Dinitrotoluene
Concen: 4.953 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038660.D
Acq: 17 Dec 2018 13:05

Tgt Ion:165 Resp: 8041
Ion Ratio Lower Upper
165 100
63 0.0 39.0 58.4#
89 3.4 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: BG038660.D

Acq: 17 Dec 2018 13:05

Instrument :

BNA_G

ClientSampleId :

P001-RB-181211

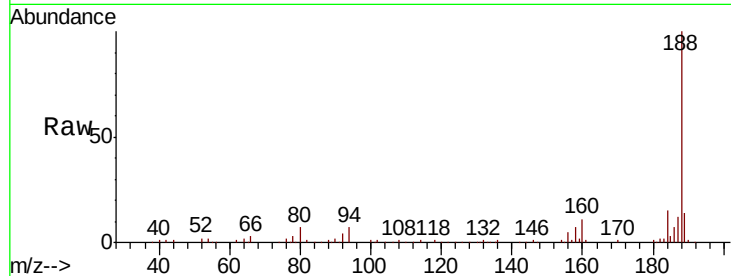
Tgt Ion:188 Resp: 169096

Ion Ratio Lower Upper

188 100

94 7.2 5.1 7.7

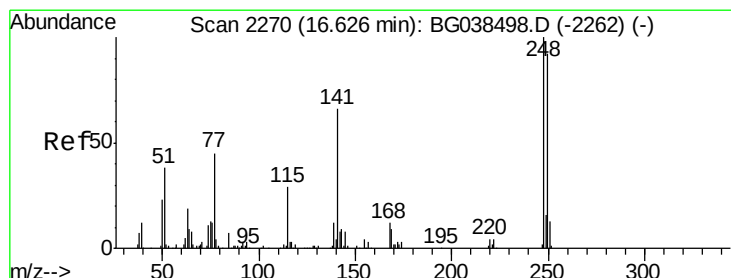
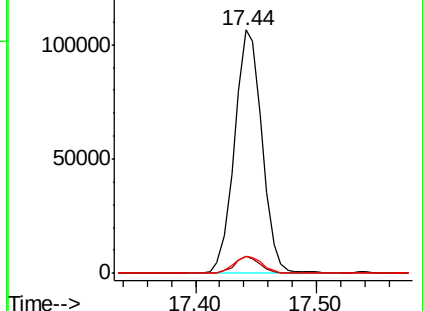
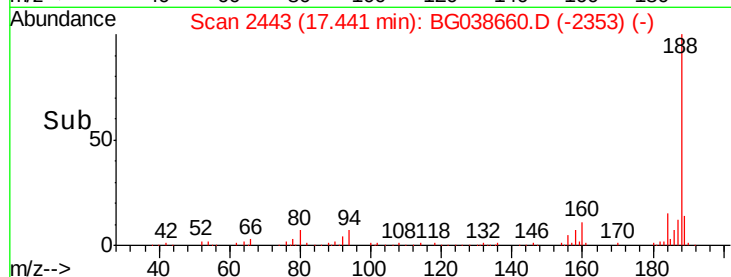
80 7.2 6.1 9.1



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: 3.321 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.44 min

Lab File: BG038660.D

Acq: 17 Dec 2018 13:05

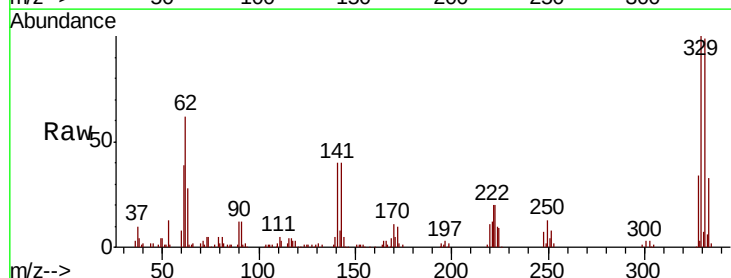
Tgt Ion:248 Resp: 6858

Ion Ratio Lower Upper

248 100

250 194.2 73.4 110.2#

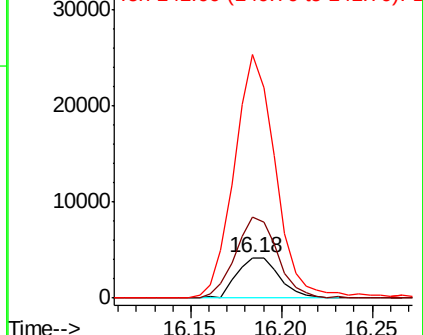
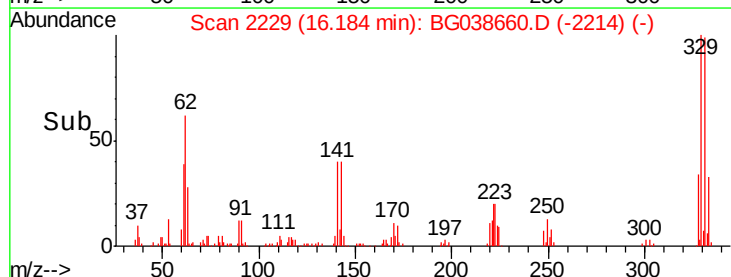
141 448.5 52.9 79.3#

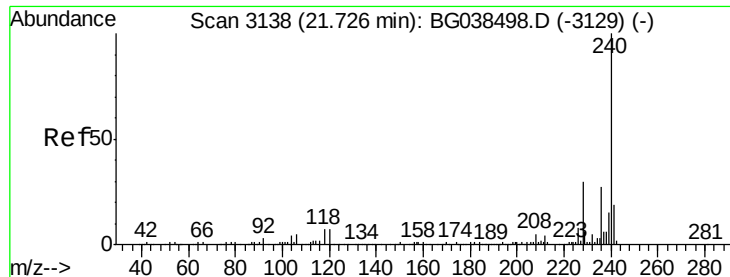


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

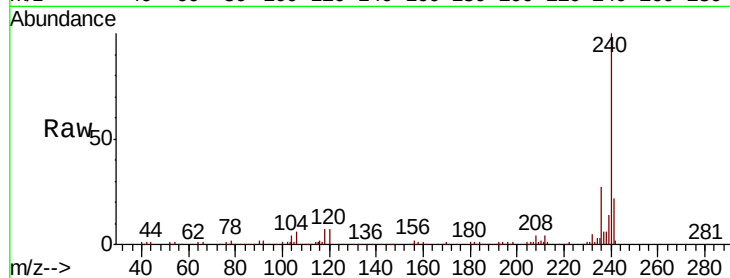




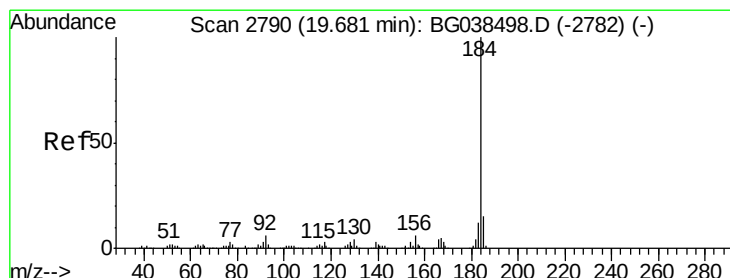
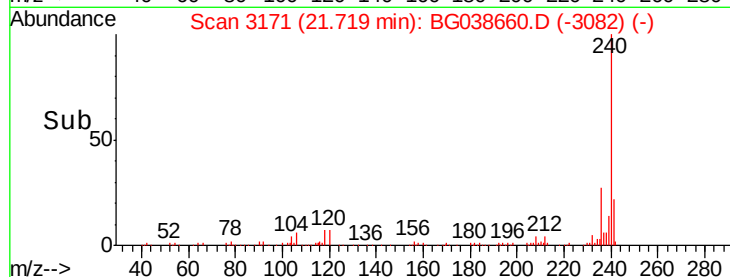
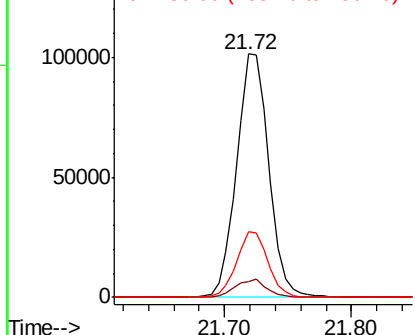
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038660.D
Acq: 17 Dec 2018 13:05

Instrument :
BNA_G
ClientSampleId :
P001-RB-181211

Tgt Ion:240 Resp: 178287
Ion Ratio Lower Upper
240 100
120 6.6 5.3 7.9
236 27.0 21.4 32.2

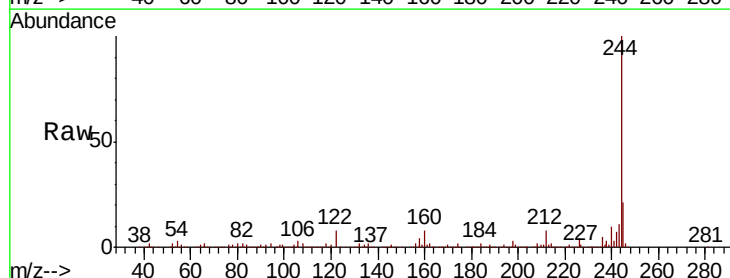


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

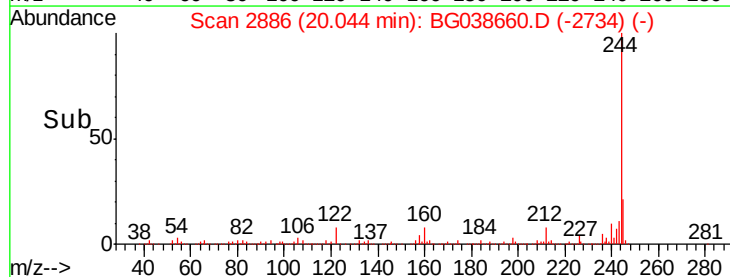
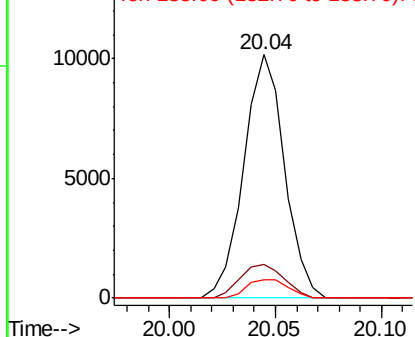


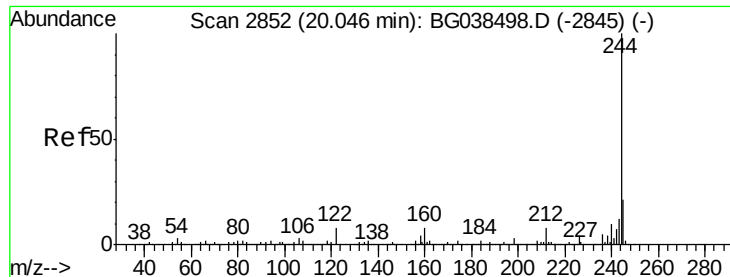
#77
Benzidine
Concen: 2.584 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038660.D
Acq: 17 Dec 2018 13:05

Tgt Ion:184 Resp: 13623
Ion Ratio Lower Upper
184 100
185 14.0 12.2 18.2
183 7.4 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: 89.036 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038660.D

Acq: 17 Dec 2018 13:05

Instrument :

BNA_G

ClientSampled :

P001-RB-181211

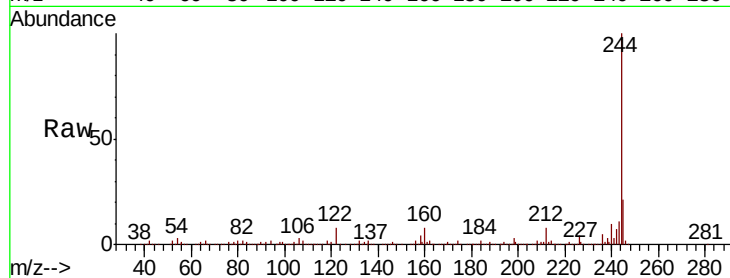
Tgt Ion:244 Resp: 729387

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

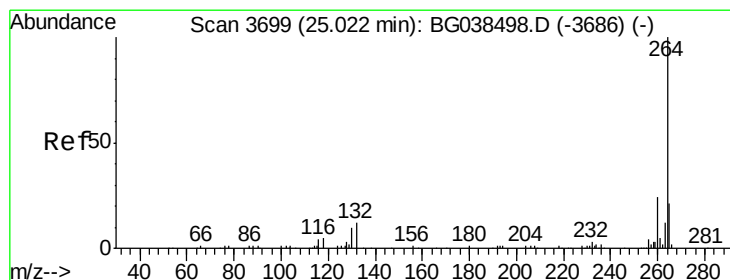
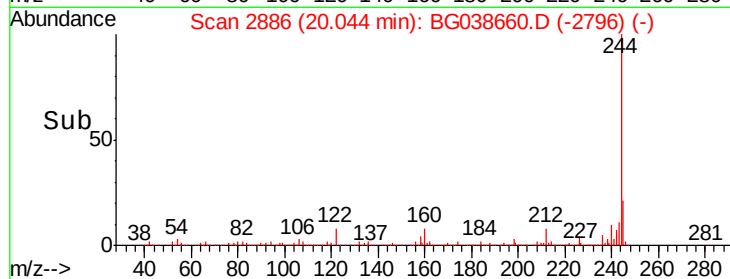
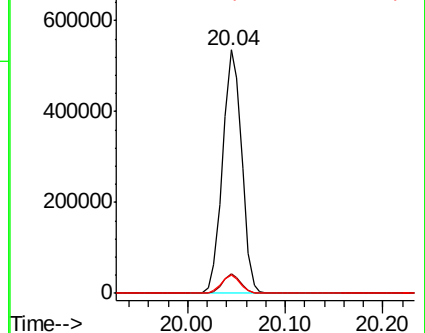
122 7.5 6.3 9.5



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: 25.03 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BG038660.D

Acq: 17 Dec 2018 13:05

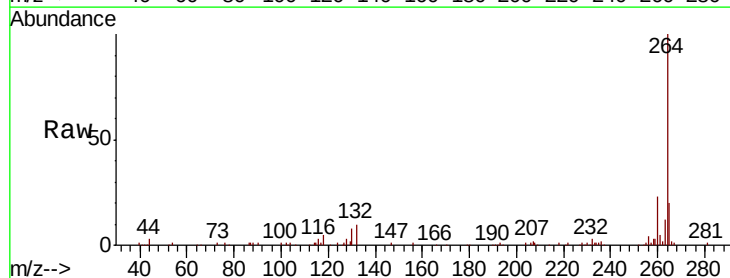
Tgt Ion:264 Resp: 188794

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 20.5 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

