

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038846.D
 Acq On : 27 Dec 2018 16:43
 Operator : JU/SJ
 Sample : PB116010BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BL

Quant Time: Dec 28 00:28:40 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

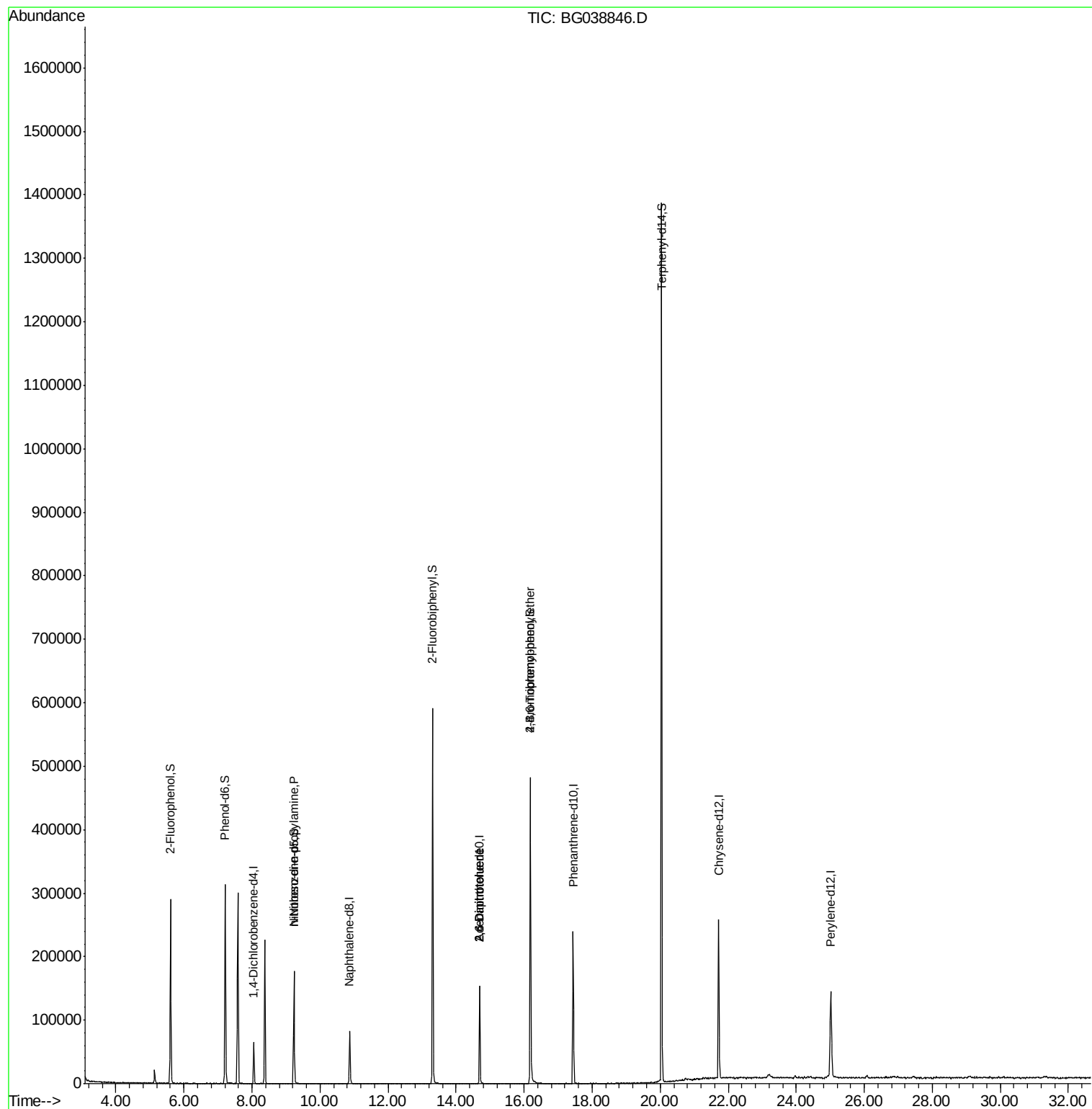
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	19147	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	77209	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61236	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	168997	20.00	ng	0.00
76) Chrysene-d12	21.72	240	171515	20.00	ng	0.00
87) Perylene-d12	25.02	264	181151	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	129742	120.18	ng	0.00
7) Phenol-d6	7.21	99	178965	120.76	ng	0.00
23) Nitrobenzene-d5	9.23	82	105472	69.79	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	118974	140.97	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	330884	74.13	ng	0.00
79) Terphenyl-d14	20.04	244	702161	89.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	14600	14.027	ng	# 67
51) 2,6-Dinitrotoluene	14.69	165	7745	6.834	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	7745	4.852	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	7484	3.626	ng	# 1

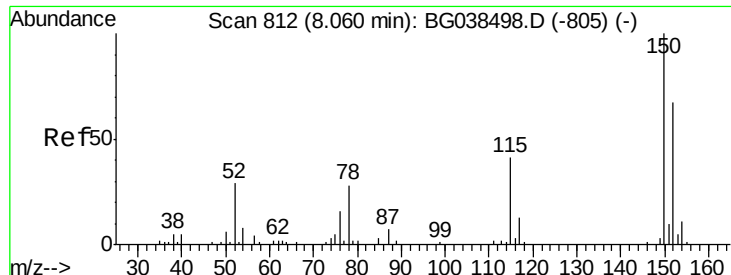
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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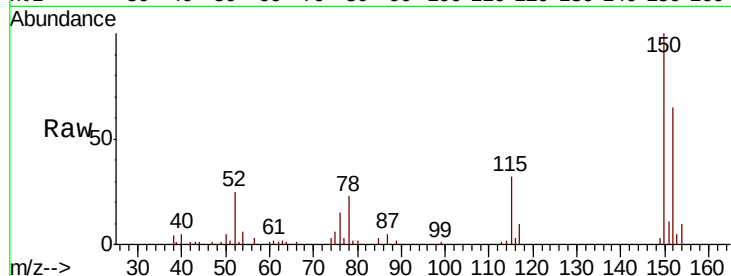




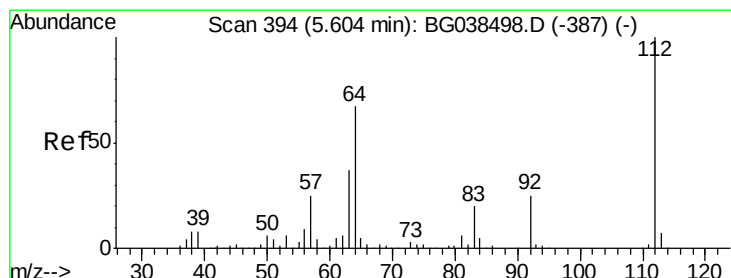
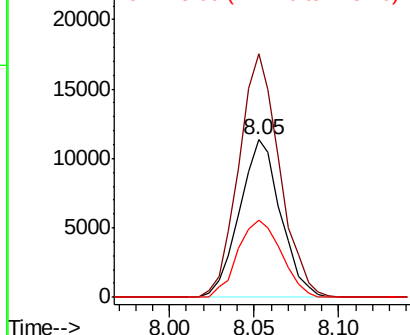
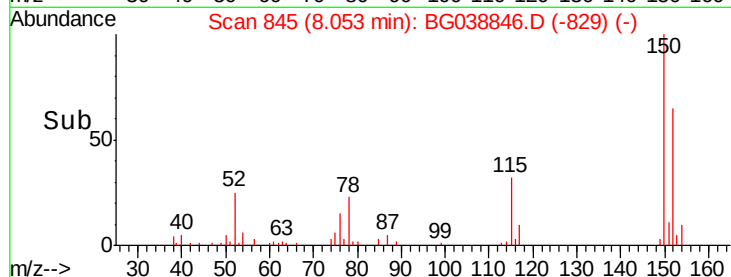
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG038846.D
 Acq: 27 Dec 2018 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BL

Tot Ion:152 Resp: 19147
 Ion Ratio Lower Upper
 152 100
 150 154.8 119.5 179.3
 115 49.2 49.6 74.4#

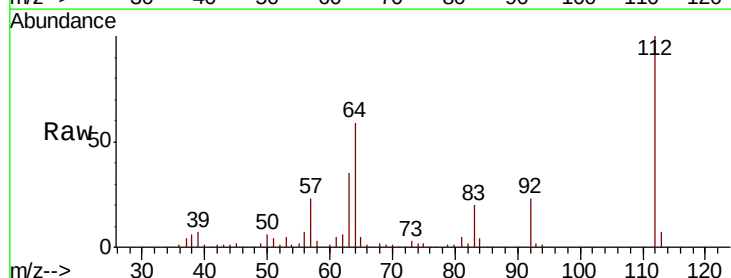


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

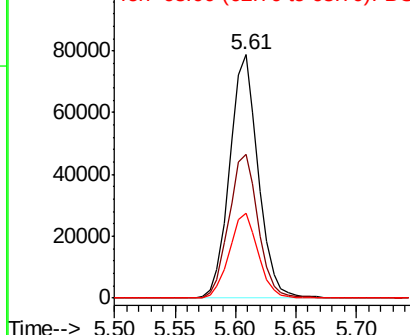
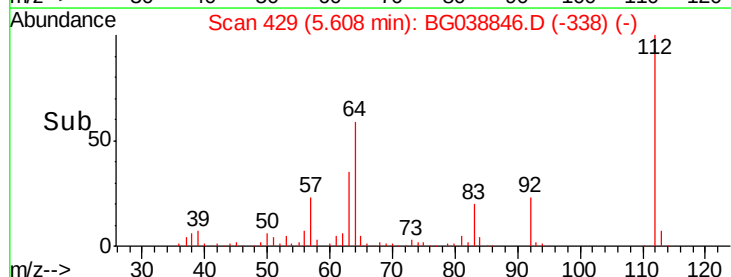


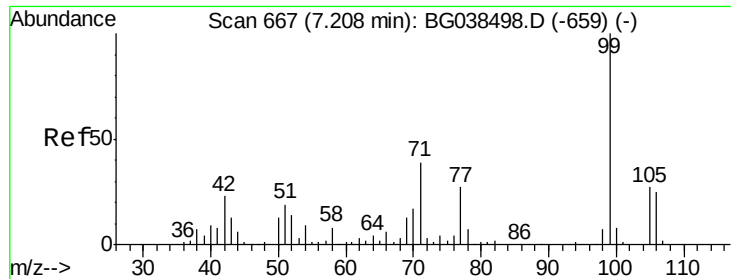
#5
 2-Fluorophenol
 Concen: 120.184 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038846.D
 Acq: 27 Dec 2018 16:43

Tgt Ion:112 Resp: 129742
 Ion Ratio Lower Upper
 112 100
 64 59.2 53.4 80.2
 63 35.0 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: 120.761 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038846.D

Acq: 27 Dec 2018 16:43

Instrument :

BNA_G

ClientSampleId :

PB116010BL

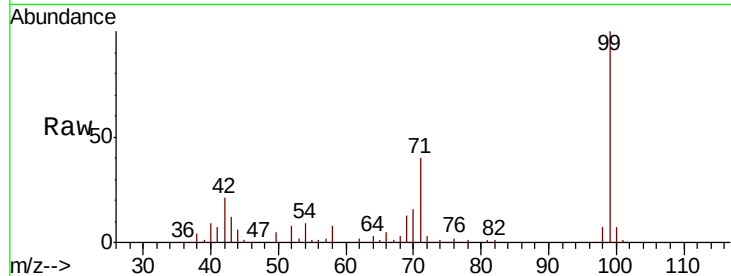
Tot Ion: 99 Resp: 178965

Ion Ratio Lower Upper

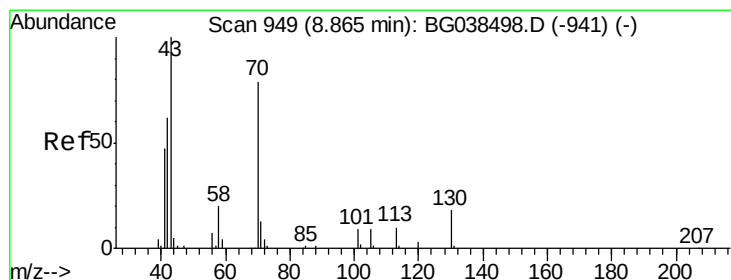
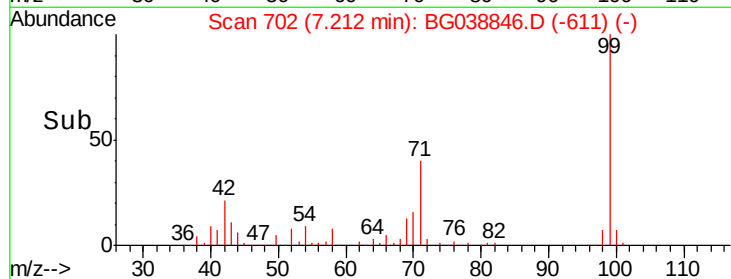
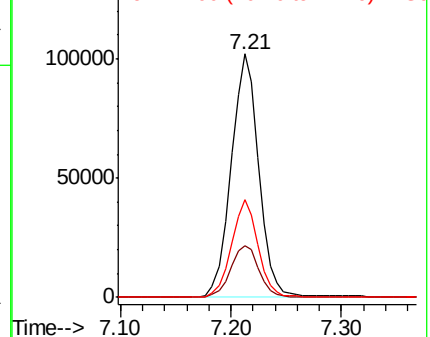
99 100

42 21.3 18.5 27.7

71 39.9 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: 14.027 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038846.D

Acq: 27 Dec 2018 16:43

Tgt Ion: 70 Resp: 14600

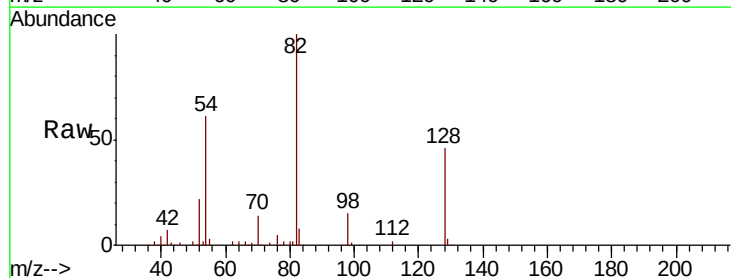
Ion Ratio Lower Upper

70 100

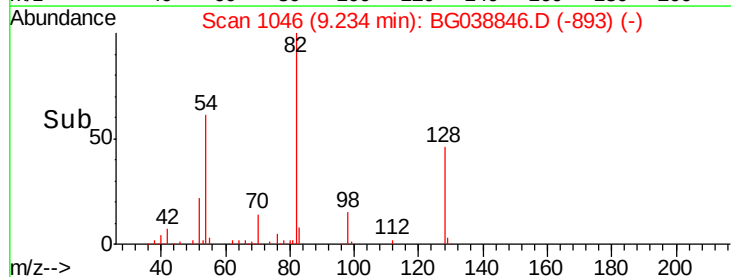
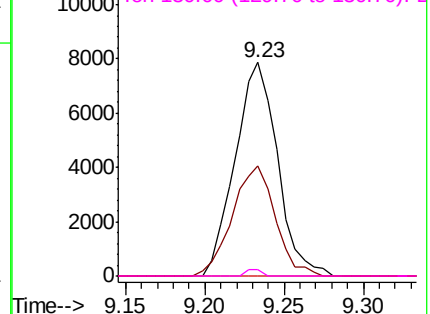
42 51.8 63.6 95.4#

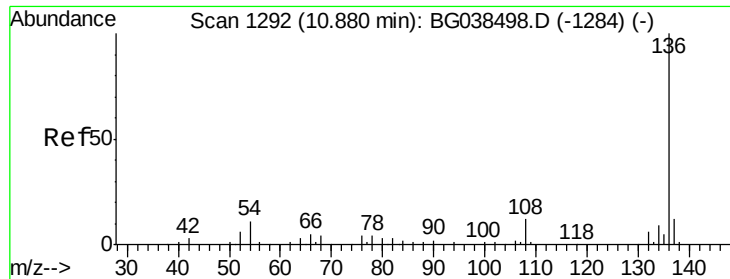
101 0.0 9.2 13.8#

130 3.0 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

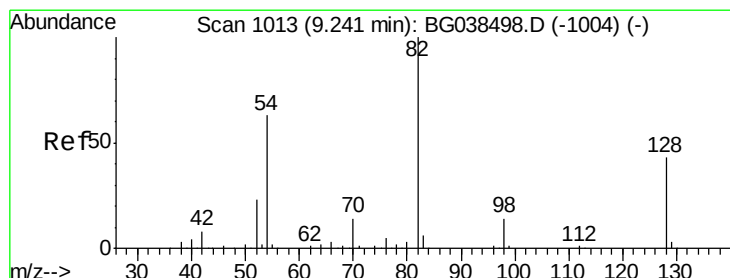
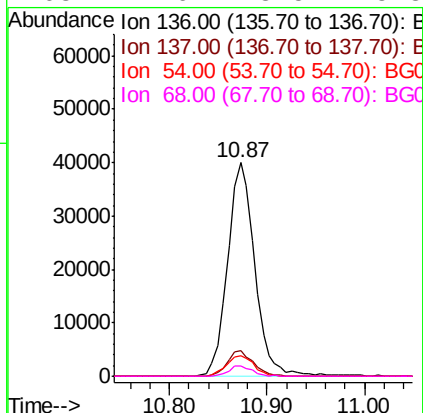
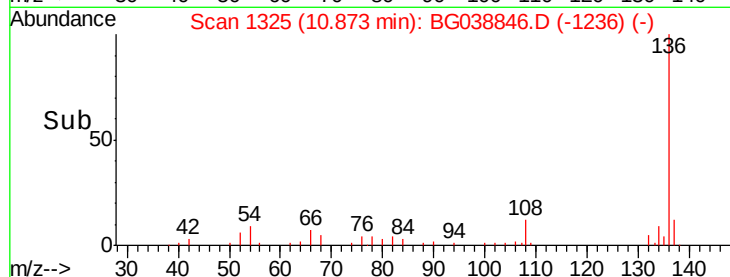
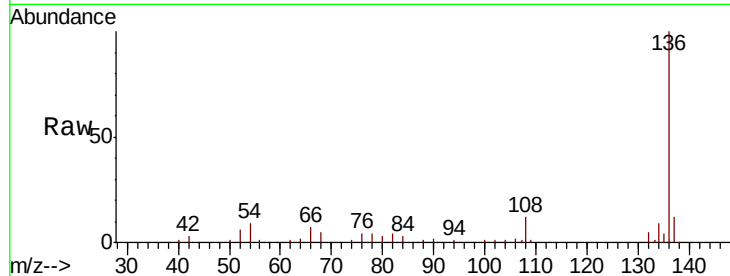




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038846.D
Acq: 27 Dec 2018 16:43

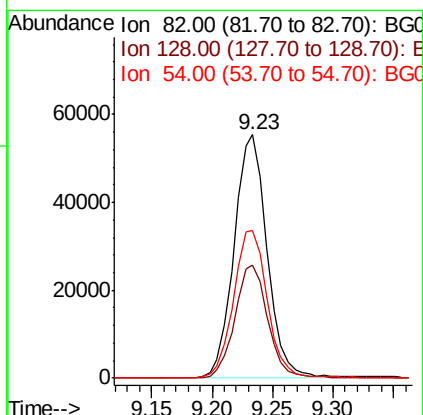
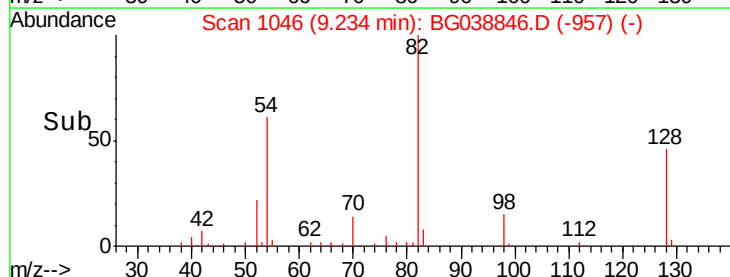
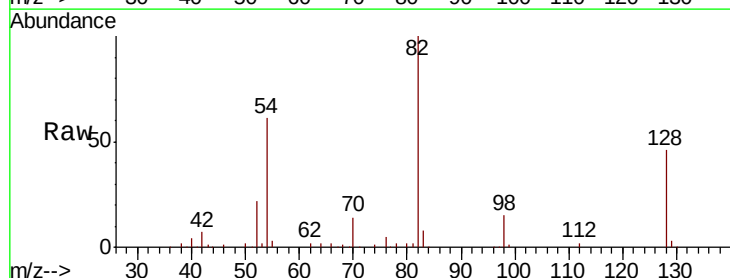
Instrument :
BNA_G
ClientSampleId :
PB116010BL

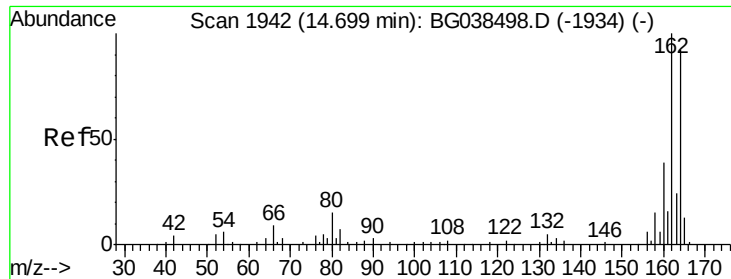
Tot Ion:136 Resp: 77209
Ion Ratio Lower Upper
136 100
137 11.9 9.3 13.9
54 9.4 8.5 12.7
68 4.6 3.5 5.3



#23
Nitrobenzene-d5
Concen: 69.788 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038846.D
Acq: 27 Dec 2018 16:43

Tgt Ion: 82 Resp: 105472
Ion Ratio Lower Upper
82 100
128 46.3 34.6 52.0
54 60.9 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: BG038846.D

Acq: 27 Dec 2018 16:43

Instrument :

BNA_G

ClientSampleId :

PB116010BL

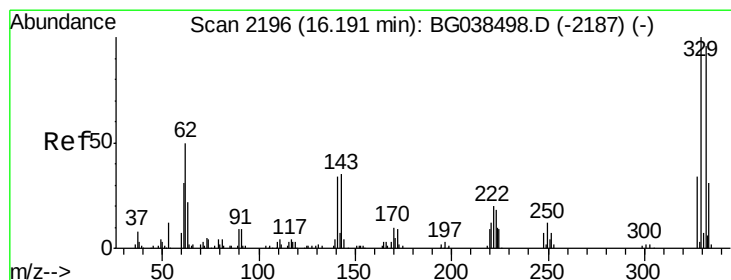
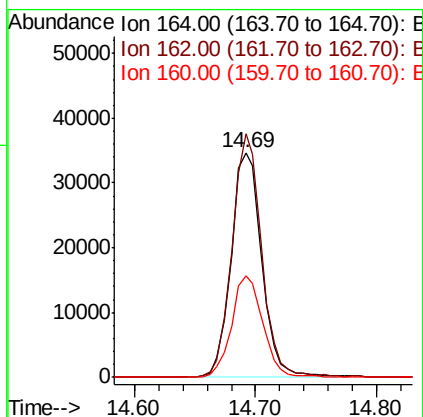
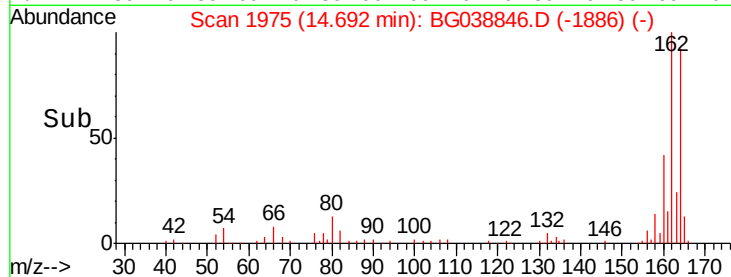
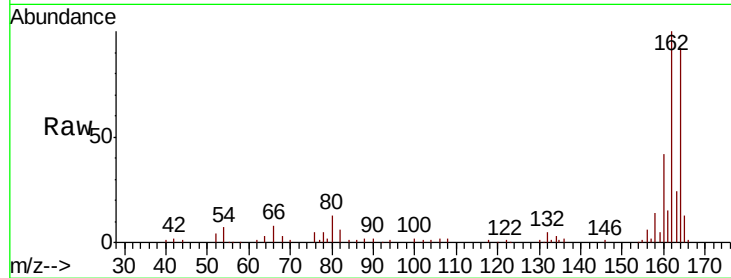
Tot Ion:164 Resp: 61236

Ion Ratio Lower Upper

164 100

162 108.2 86.6 130.0

160 45.0 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 140.974 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038846.D

Acq: 27 Dec 2018 16:43

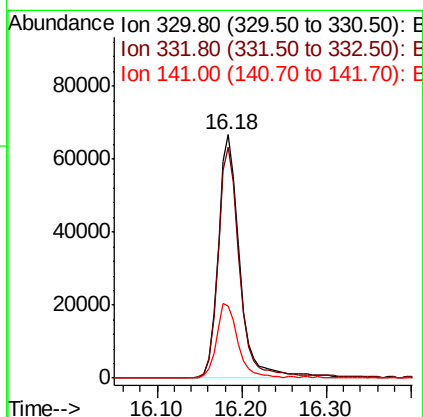
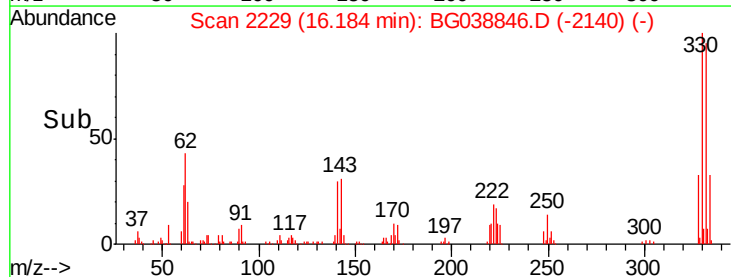
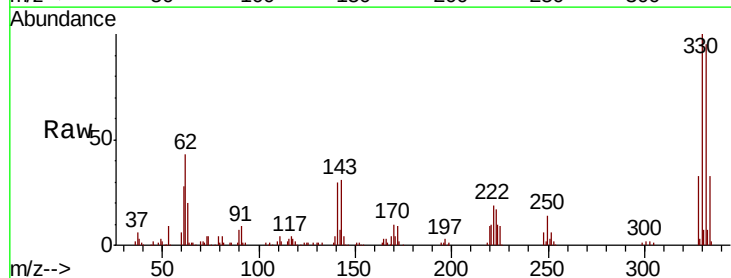
Tgt Ion:330 Resp: 118974

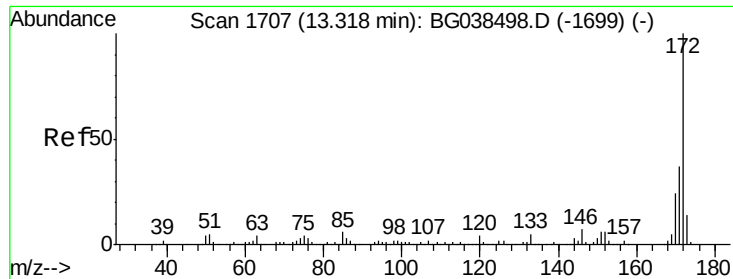
Ion Ratio Lower Upper

330 100

332 93.9 76.9 115.3

141 30.4 28.8 43.2

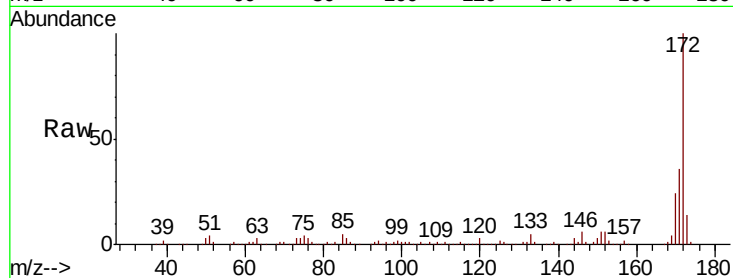




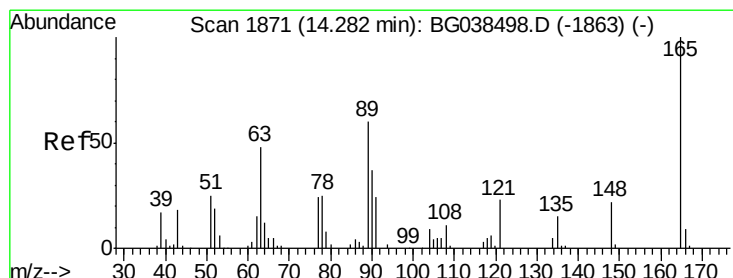
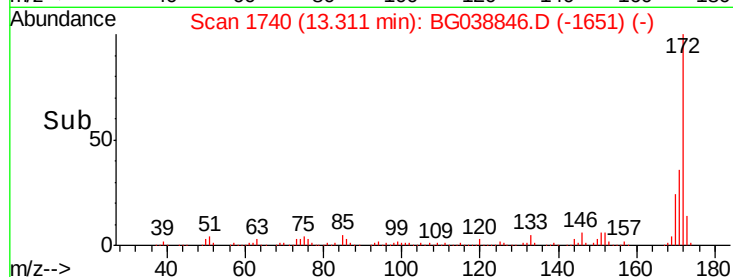
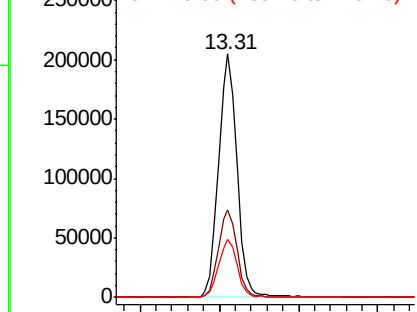
#45
 2-Fluorobiphenyl
 Concen: 74.127 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038846.D
 Acq: 27 Dec 2018 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BL

Tot Ion:172 Resp: 330884
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.8 44.6
 170 23.6 19.5 29.3

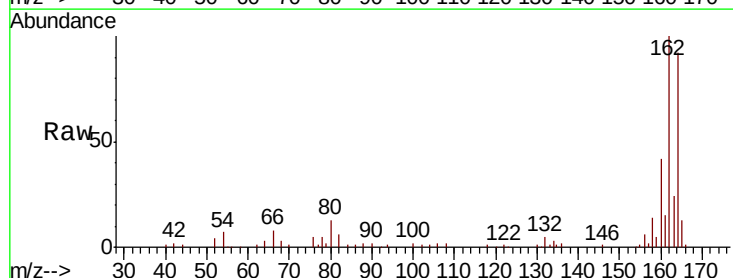


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

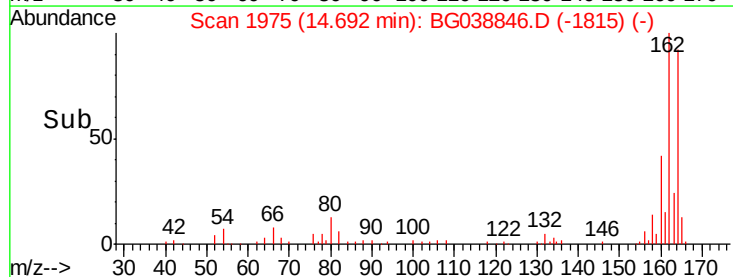
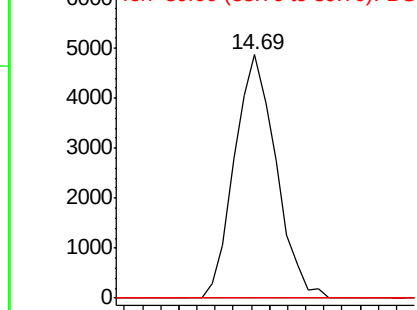


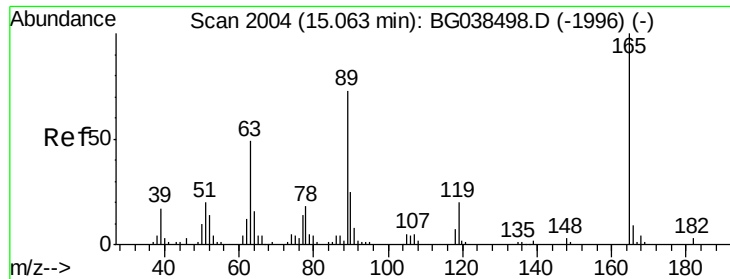
#51
 2,6-Dinitrotoluene
 Concen: 6.834 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038846.D
 Acq: 27 Dec 2018 16:43

Tgt Ion:165 Resp: 7745
 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): BG
 Ion 89.00 (88.70 to 89.70): BG

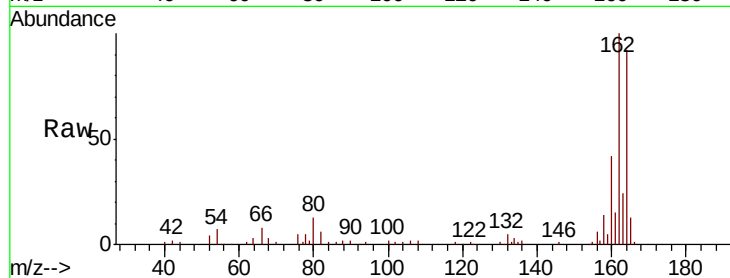




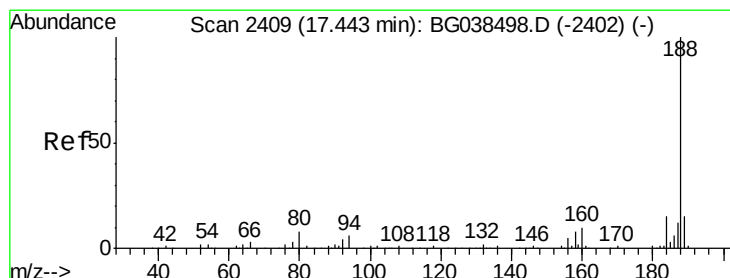
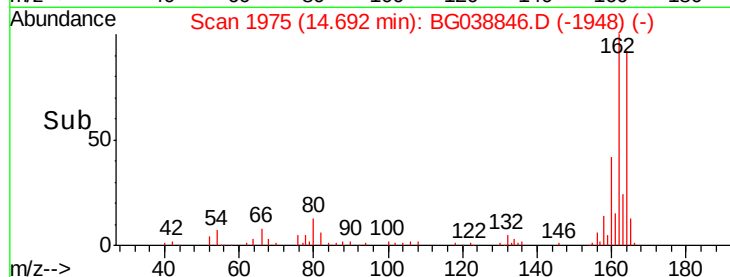
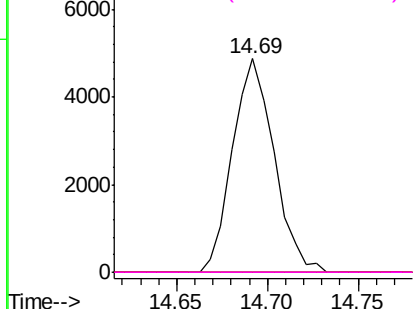
#57
 2,4-Dinitrotoluene
 Concen: 4.852 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038846.D
 Acq: 27 Dec 2018 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BL

Tot Ion:165	Resp:	7745
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#

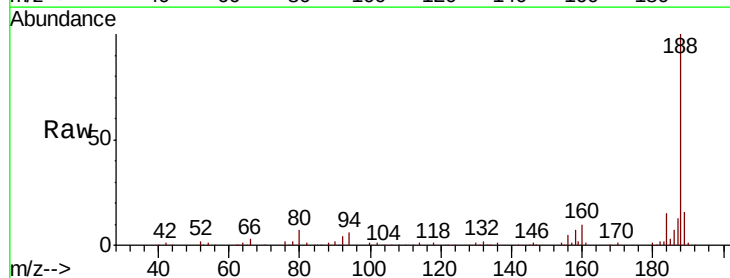


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

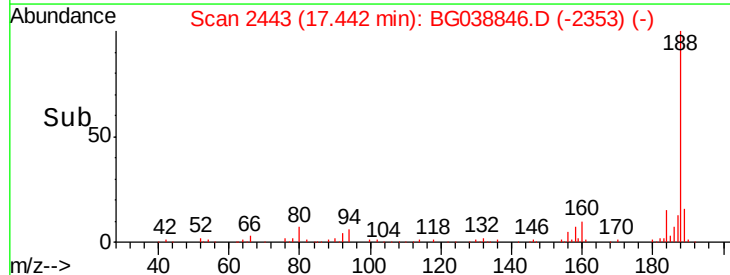
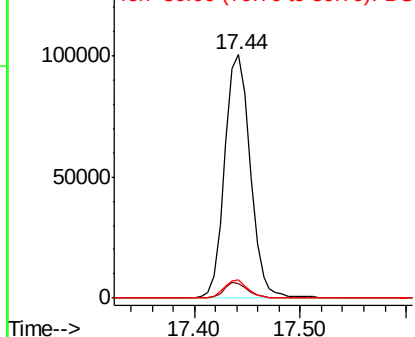


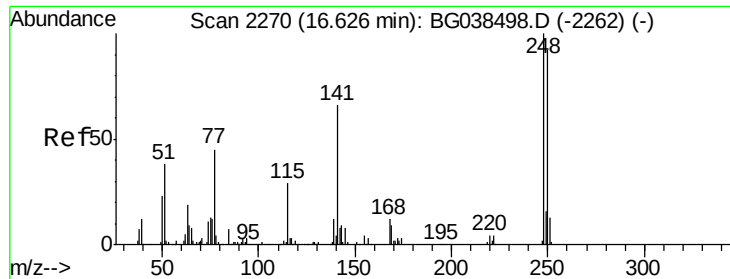
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038846.D
 Acq: 27 Dec 2018 16:43

Tgt Ion:188	Resp:	168997
Ion	Ratio	Lower Upper
188	100	
94	6.0	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

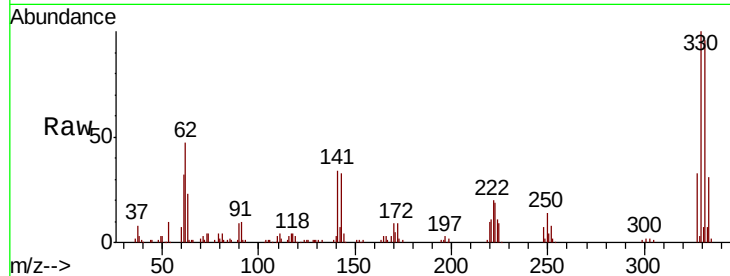




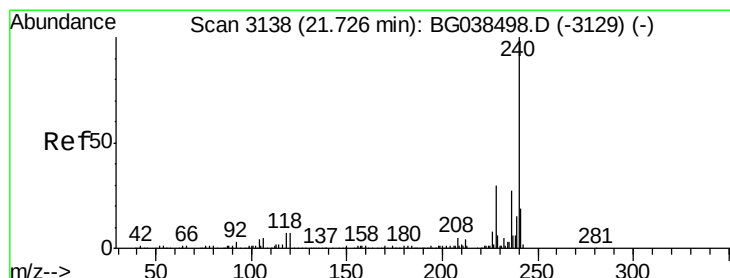
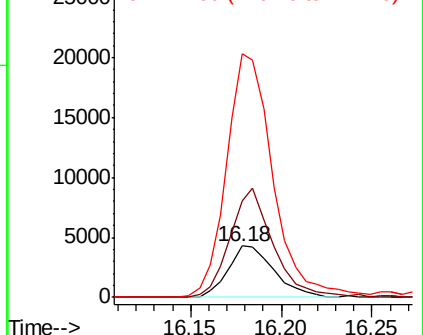
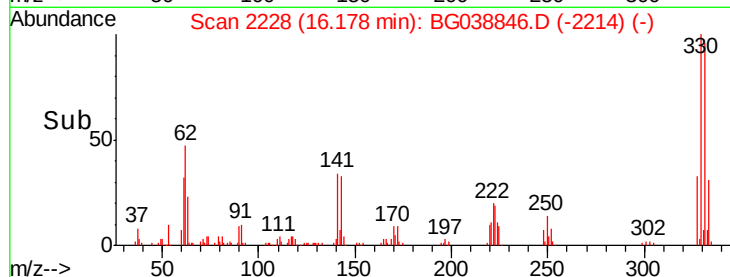
#67
 4-Bromophenyl-phenylether
 Concen: 3.626 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.45 min
 Lab File: BG038846.D
 Acq: 27 Dec 2018 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BL

Tot Ion:248 Resp: 7484
 Ion Ratio Lower Upper
 248 100
 250 189.0 73.4 110.2#
 141 366.4 52.9 79.3#

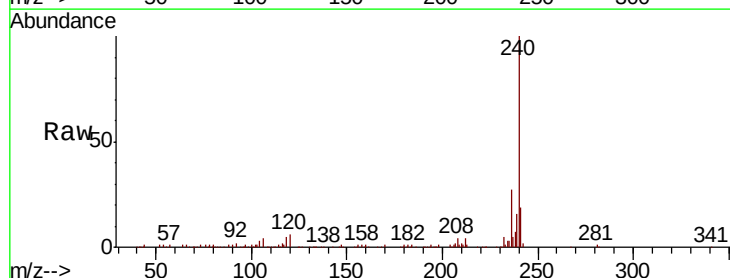


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

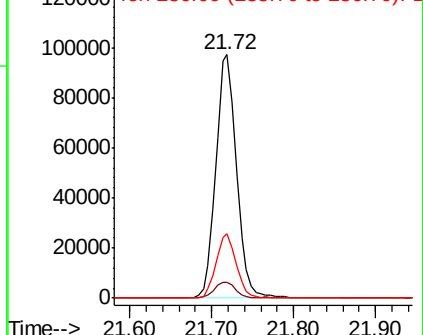
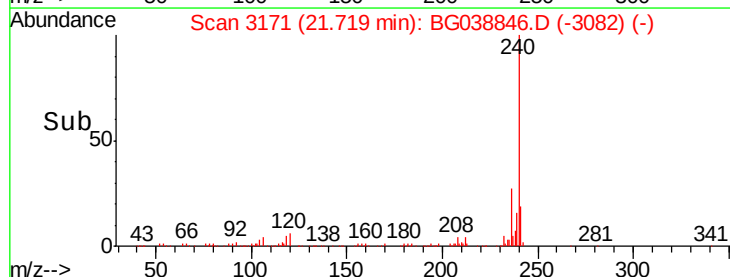


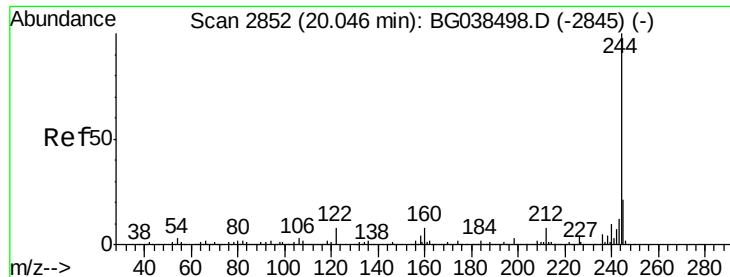
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038846.D
 Acq: 27 Dec 2018 16:43

Tgt Ion:240 Resp: 171515
 Ion Ratio Lower Upper
 240 100
 120 6.4 5.3 7.9
 236 26.6 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





#79

Terphenyl-d14

Concen: 89.096 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038846.D

Acq: 27 Dec 2018 16:43

Instrument :

BNA_G

ClientSampleId :

PB116010BL

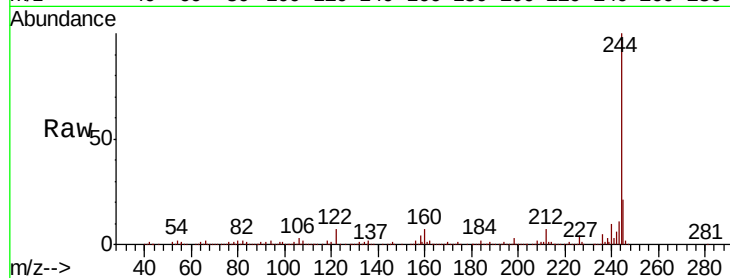
Tot Ion:244 Resp: 702161

Ion Ratio Lower Upper

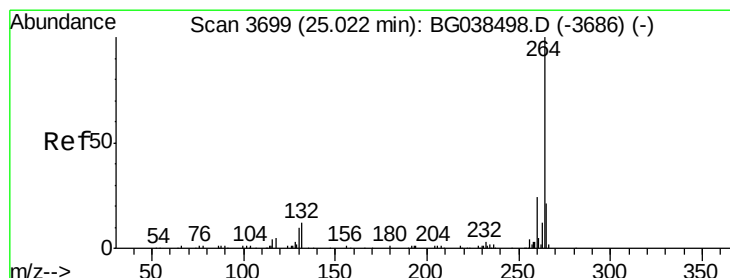
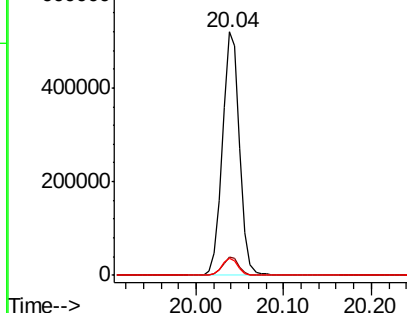
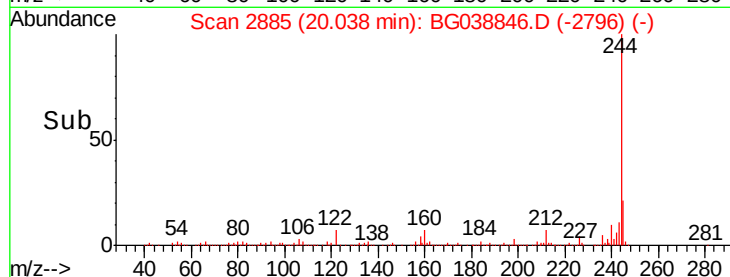
244 100

212 7.3 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: BG038846.D

Acq: 27 Dec 2018 16:43

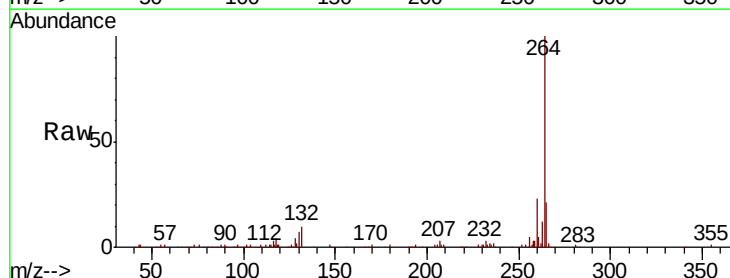
Tgt Ion:264 Resp: 181151

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 20.8 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

