

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038455.D
 Acq On : 11 Dec 2018 1:32
 Operator : JU/SJ
 Sample : PB115480TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115480TB

Quant Time: Dec 11 03:53:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

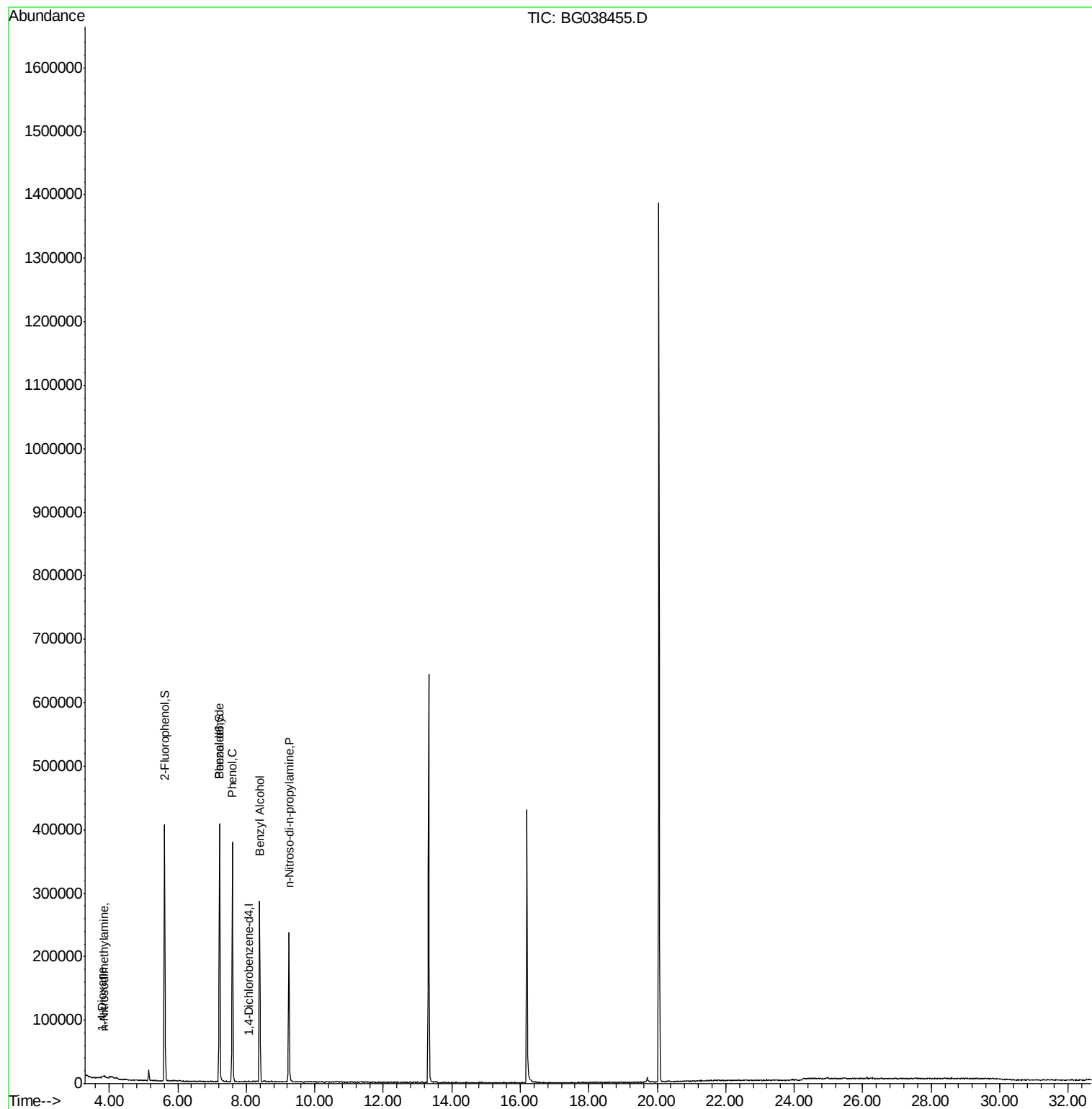
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	737	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.89
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.71
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.46
76) Chrysene-d12	0.00	240	0	0.00	ng	-21.74
87) Perylene-d12	0.00	264	0	0.00	ng	-25.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	175675	4218.21	ng	0.00
7) Phenol-d6	7.22	99	231108	3839.41	ng	0.00
23) Nitrobenzene-d5	9.25	82	148223	0.00	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	94308	0.00	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	360477	0.00	ng	0.00
79) Terphenyl-d14	20.05	244	678205	0.00	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.80	88	59	3.091	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	350	13.992	ng	# 1
9) Benzaldehyde	7.22	77	329	8.631	ng	# 4
10) Phenol	7.59	94	342	5.377	ng	# 1
15) Benzyl Alcohol	8.39	79	2495	50.417	ng	# 44
19) n-Nitroso-di-n-propylamine	9.25	70	19184	458.065	ng	# 78

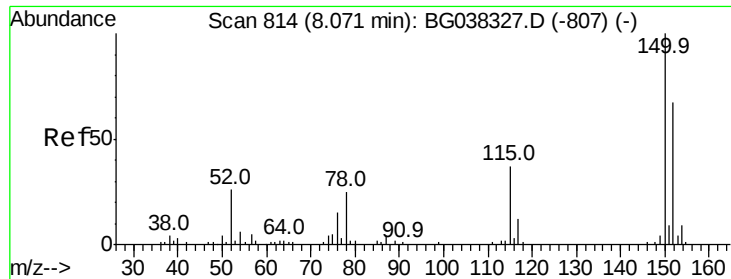
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
Data File : BG038455.D
Acq On : 11 Dec 2018 1:32
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115480TB

Quant Time: Dec 11 03:53:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG038455.D

Acq: 11 Dec 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB115480TB

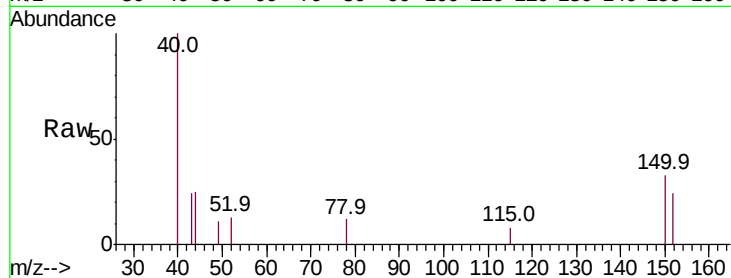
Tot Ion:152 Resp: 737

Ion Ratio Lower Upper

152 100

150 135.3 126.0 189.0

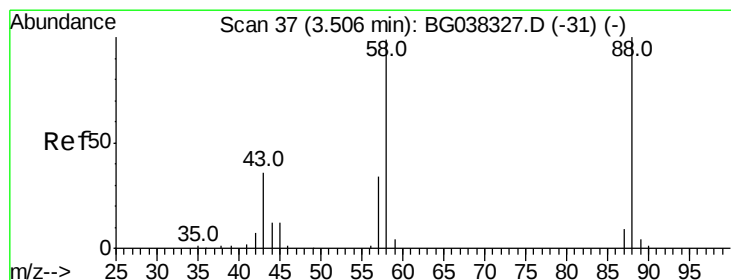
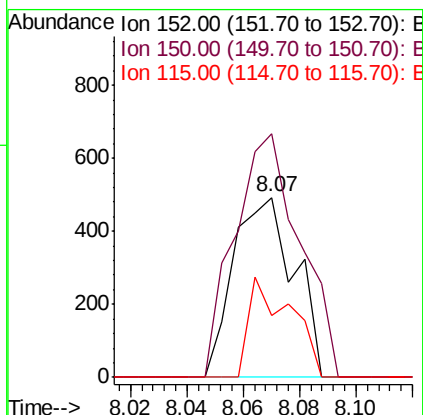
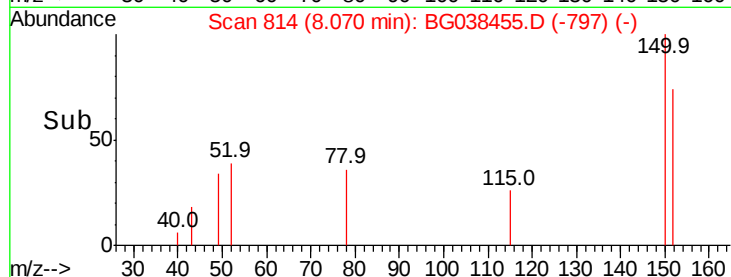
115 34.7 45.5 68.3#



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



#2

1,4-Dioxane

Concen: 3.091 ng

RT: 3.80 min Scan# 88

Delta R.T. 0.30 min

Lab File: BG038455.D

Acq: 11 Dec 2018 1:32

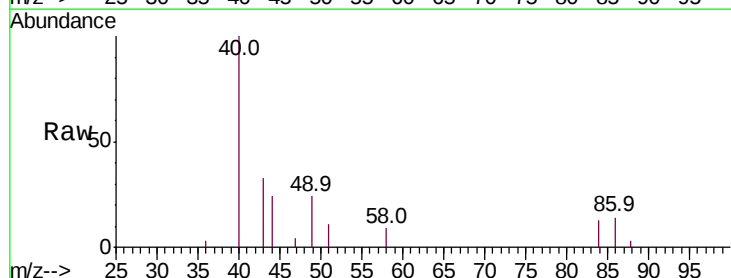
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

58 0.0 74.4 111.6#

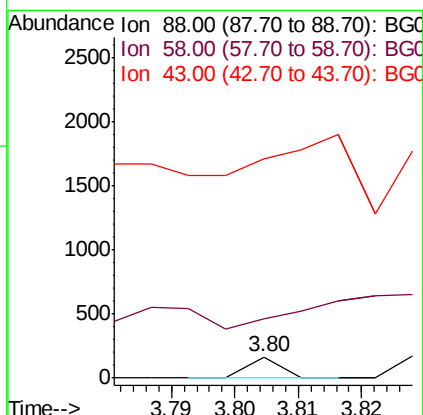
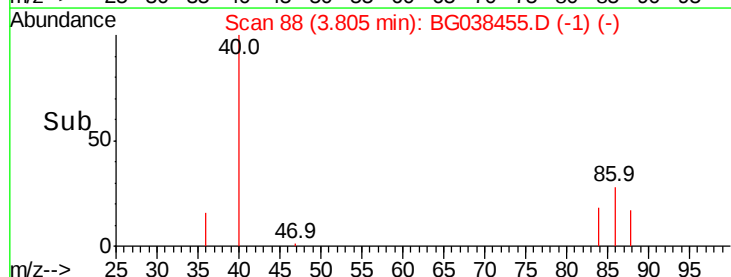
43 925.4 25.8 38.8#

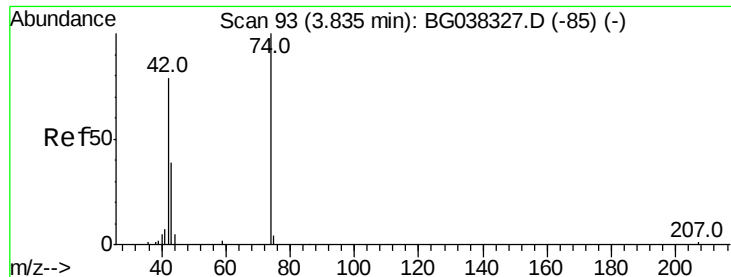


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 13.992 ng

RT: 3.85 min Scan# 96

Delta R.T. 0.02 min

Lab File: BG038455.D

Acq: 11 Dec 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB115480TB

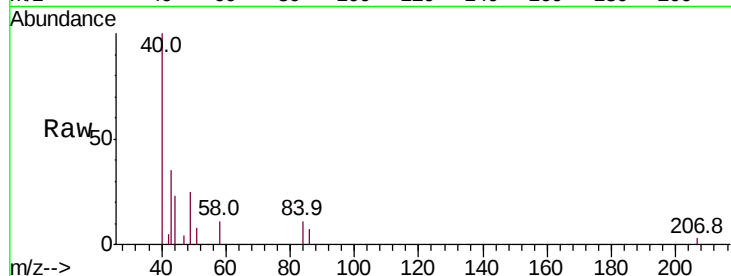
Tot Ion: 42 Resp: 350

Ion Ratio Lower Upper

42 100

74 0.0 102.0 153.0#

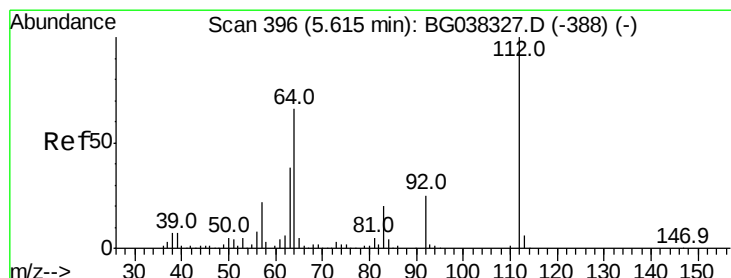
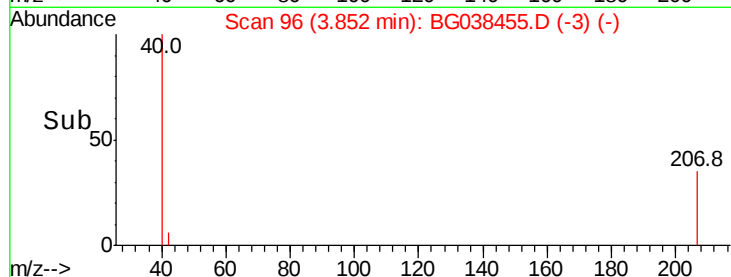
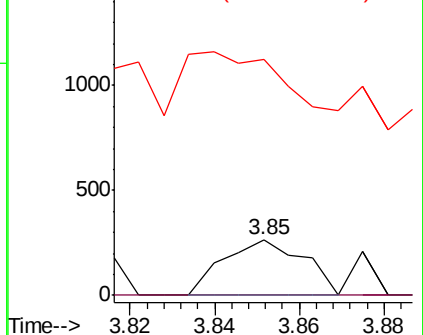
44 420.2 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 4218.210 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038455.D

Acq: 11 Dec 2018 1:32

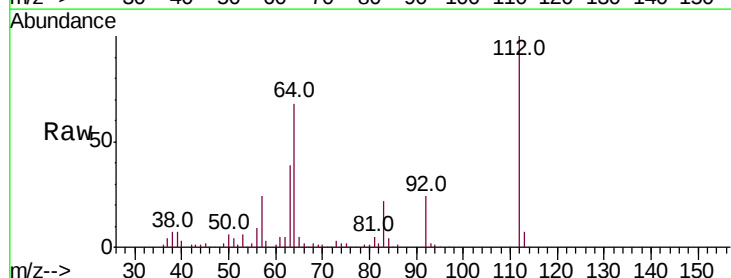
Tgt Ion: 112 Resp: 175675

Ion Ratio Lower Upper

112 100

64 67.9 53.1 79.7

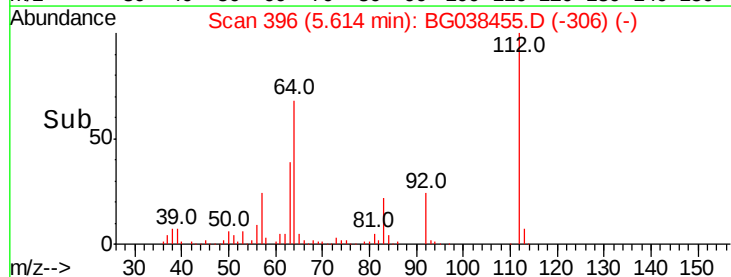
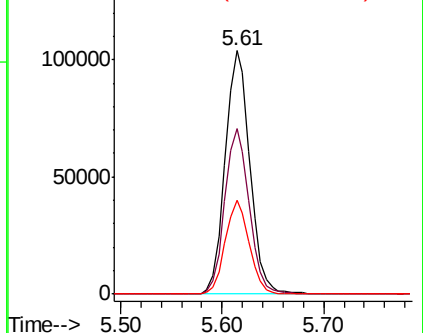
63 38.5 27.3 40.9

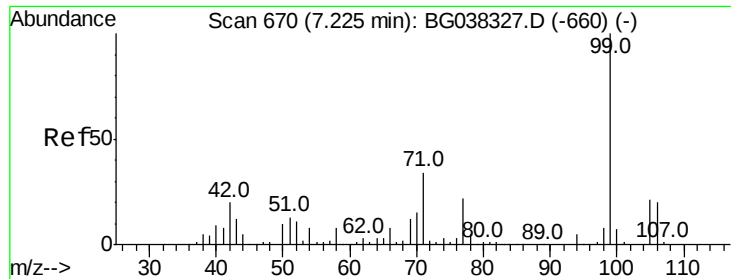


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 3839.411 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038455.D

Acq: 11 Dec 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB115480TB

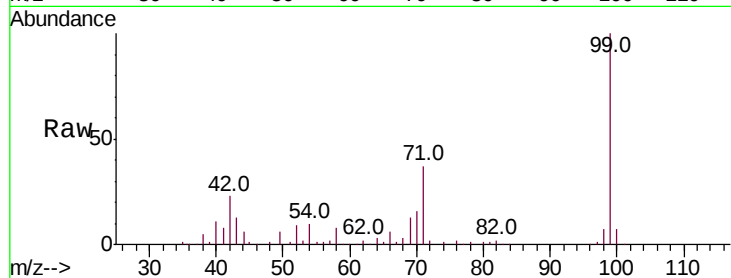
Tot Ion: 99 Resp: 231108

Ion Ratio Lower Upper

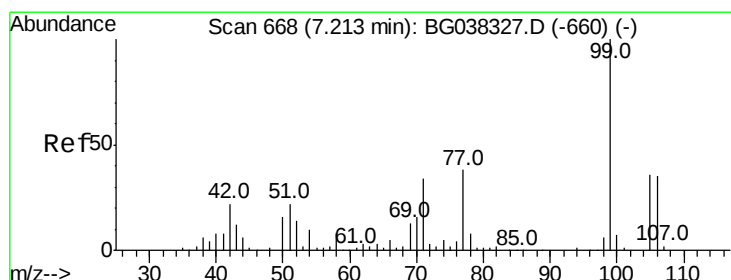
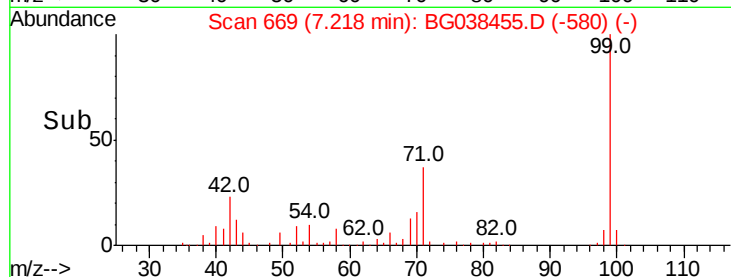
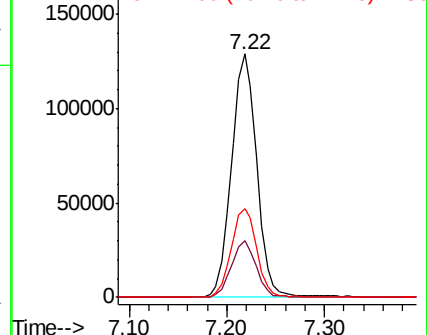
99 100

42 23.3 15.0 22.4#

71 36.6 25.5 38.3



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



#9

Benzaldehyde

Concen: 8.631 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG038455.D

Acq: 11 Dec 2018 1:32

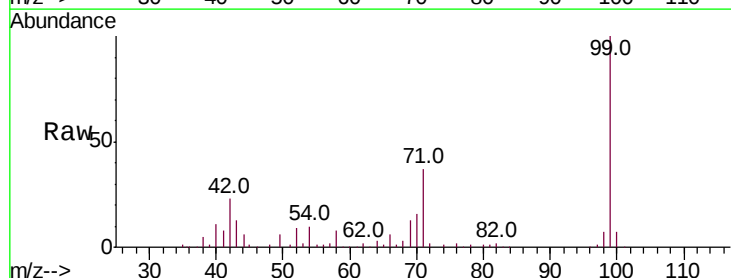
Tgt Ion: 77 Resp: 329

Ion Ratio Lower Upper

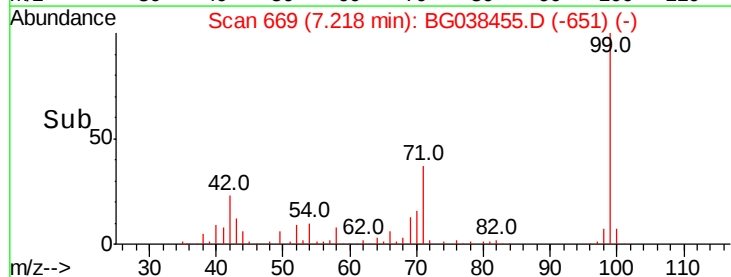
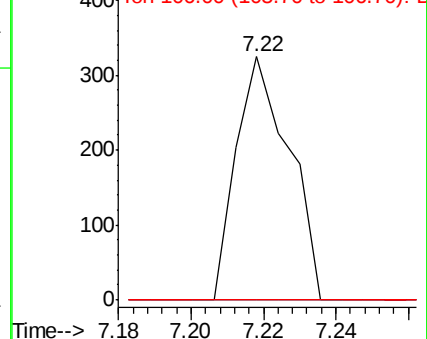
77 100

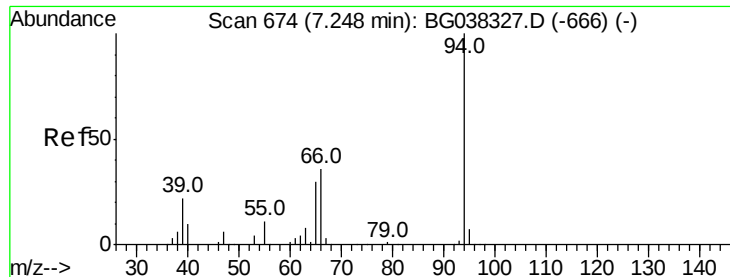
105 0.0 72.6 112.6#

106 0.0 71.3 111.3#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 5.377 ng

RT: 7.59 min Scan# 733

Delta R.T. 0.35 min

Lab File: BG038455.D

Acq: 11 Dec 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB115480TB

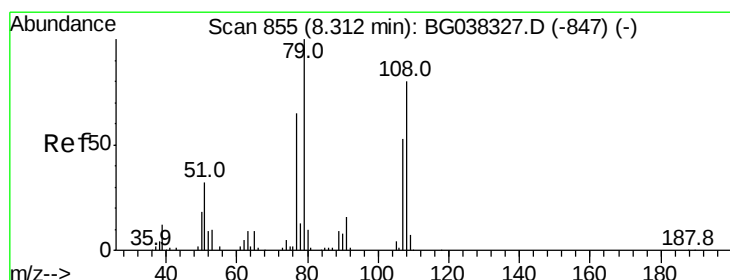
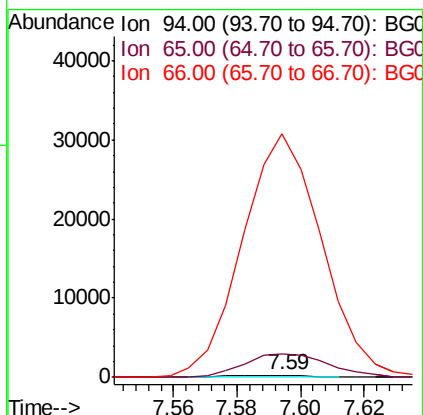
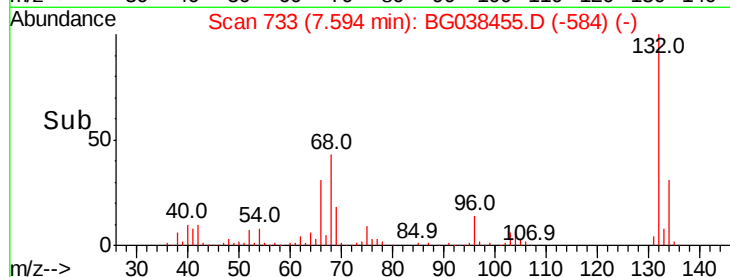
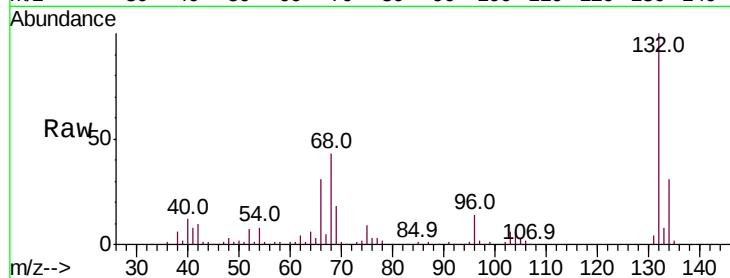
Tot Ion: 94 Resp: 342

Ion Ratio Lower Upper

94 100

65 1086.8 9.7 49.7#

66 11308.8 15.9 55.9#



#15

Benzyl Alcohol

Concen: 50.417 ng

RT: 8.39 min Scan# 869

Delta R.T. 0.08 min

Lab File: BG038455.D

Acq: 11 Dec 2018 1:32

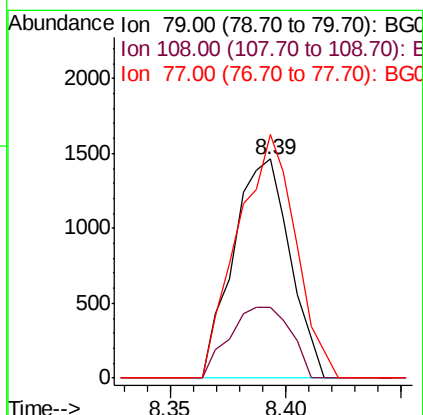
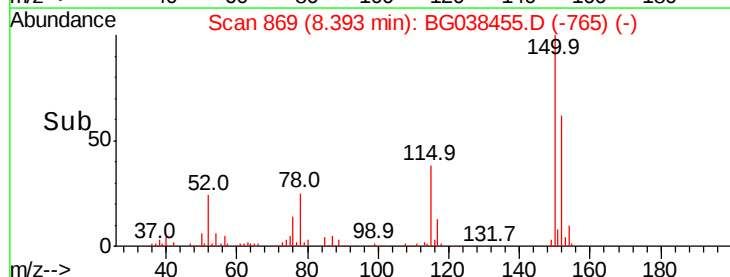
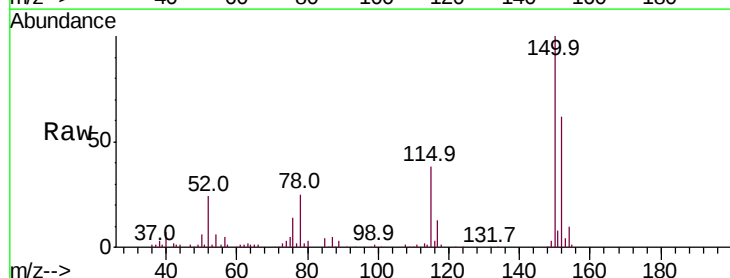
Tgt Ion: 79 Resp: 2495

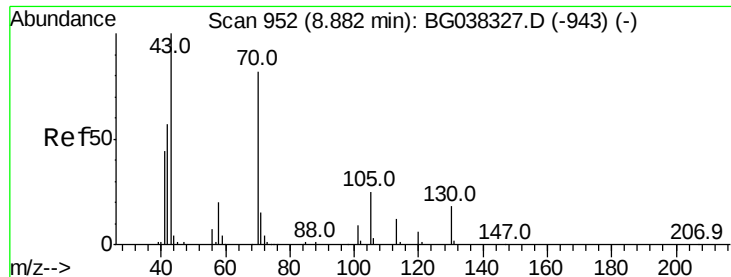
Ion Ratio Lower Upper

79 100

108 32.2 65.8 98.8#

77 111.2 52.9 79.3#

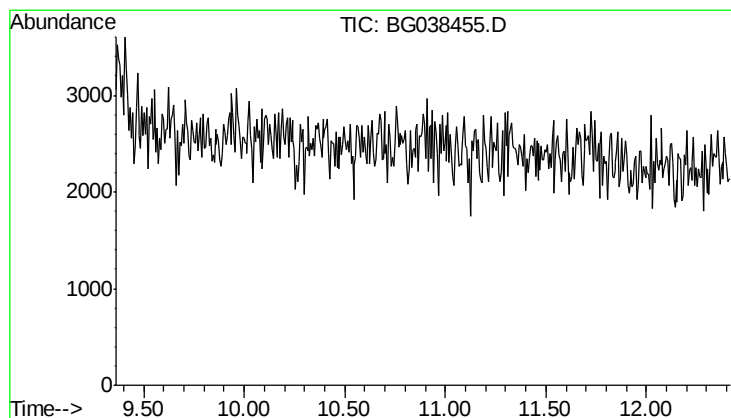
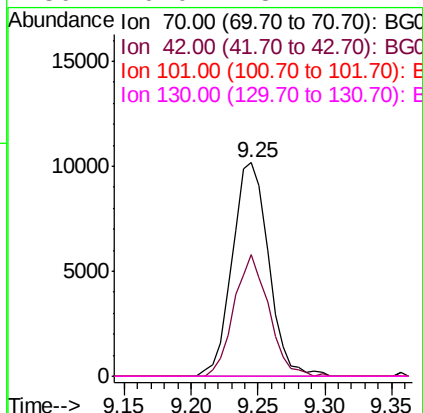
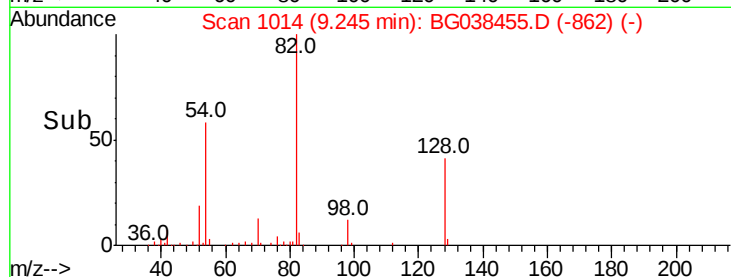
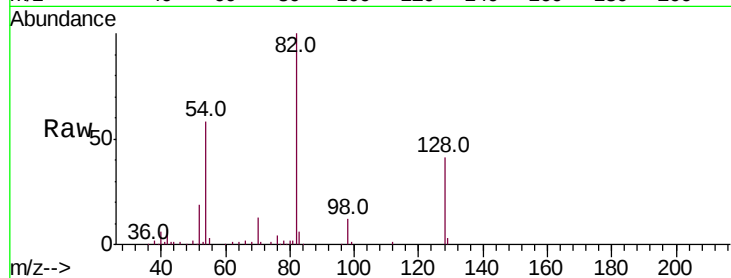




#19
n-Nitroso-di-n-propylamine
Concen: 458.065 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.36 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB115480TB

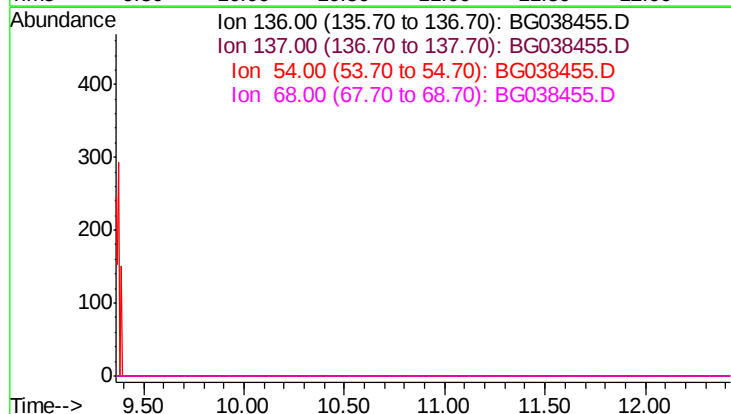
Tot Ion: 70 Resp: 19184
Ion Ratio Lower Upper
70 100
42 57.1 53.9 80.9
101 0.0 8.2 12.2#
130 0.0 18.2 27.4#

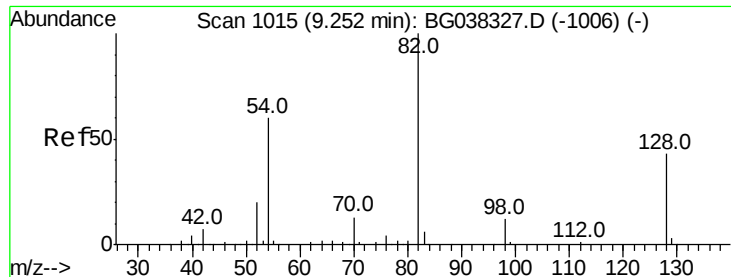


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.89 min

Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Tgt Ion: 136
Sig Exp Ratio
136 100
137 12.0
54 9.9
68 6.0

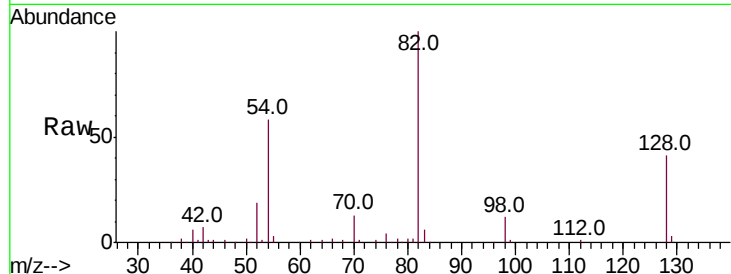




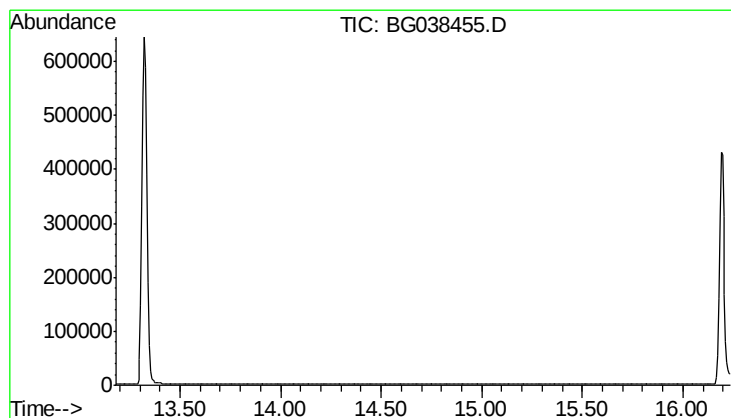
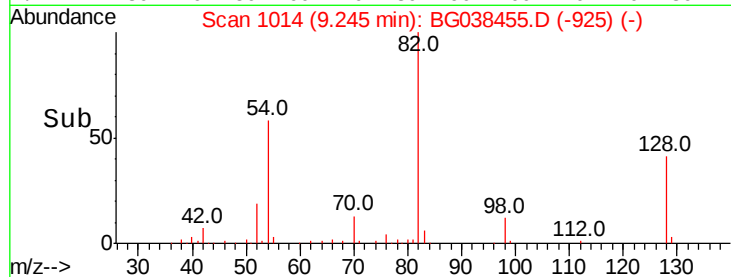
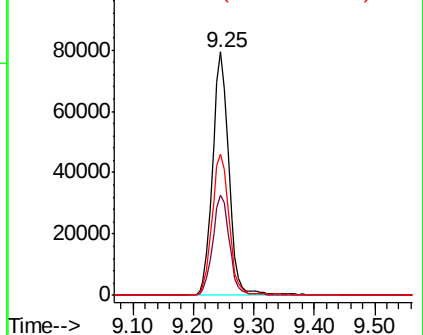
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB115480TB

Tot Ion: 82 Resp: 148223
Ion Ratio Lower Upper
82 100
128 41.0 34.6 51.8
54 58.1 45.3 67.9

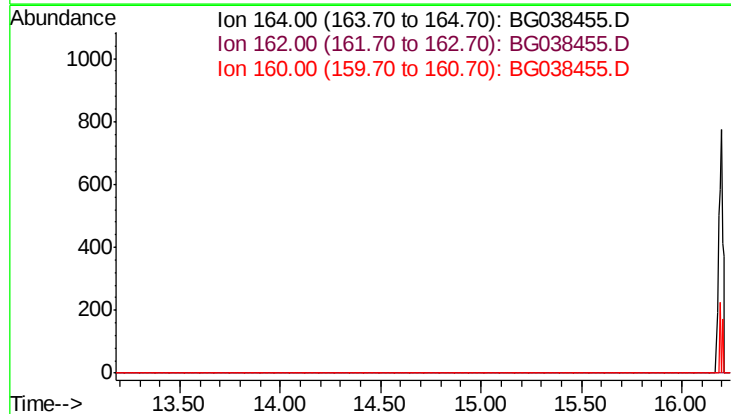


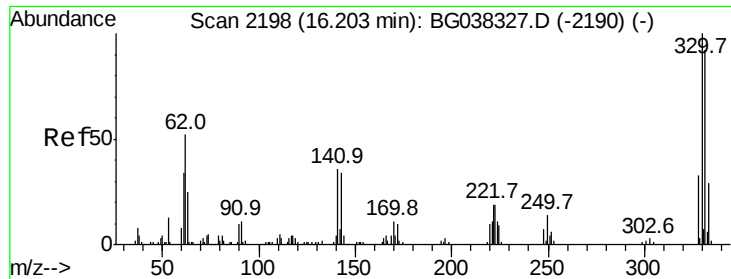
Abundance Ion 82.00 (81.70 to 82.70): BG038455.D
Ion 128.00 (127.70 to 128.70): BG038455.D
Ion 54.00 (53.70 to 54.70): BG038455.D



#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.71 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Tgt Ion: 164
Sig Exp Ratio
164 100
162 101.6
160 45.4

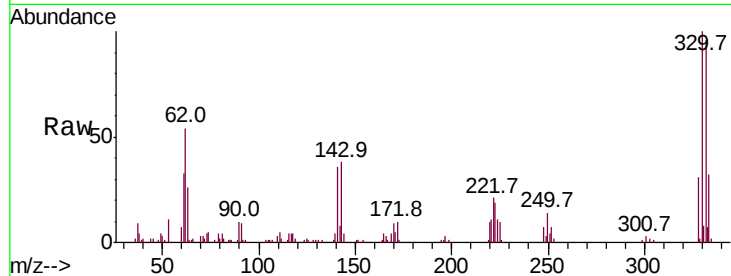




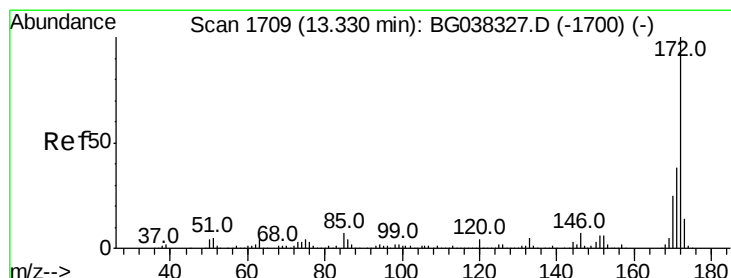
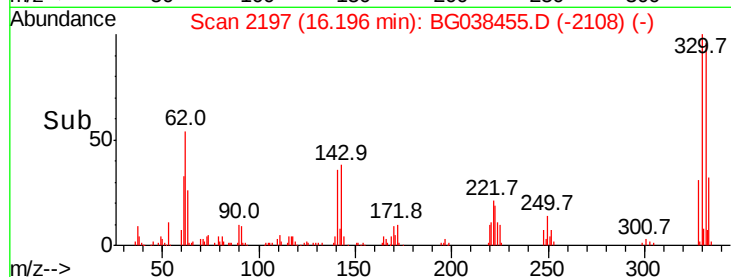
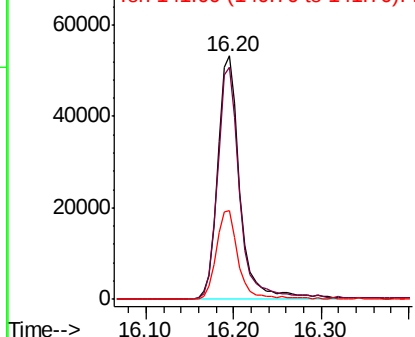
#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038455.D
 Acq: 11 Dec 2018 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB115480TB

Tot Ion:330 Resp: 94308
 Ion Ratio Lower Upper
 330 100
 332 94.4 78.4 117.6
 141 35.7 32.2 48.2

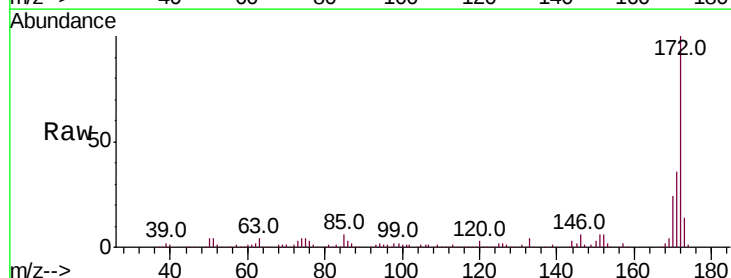


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

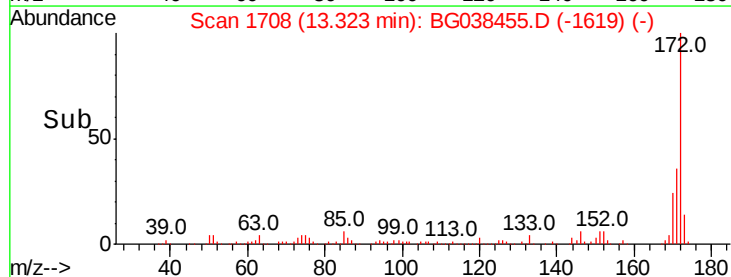
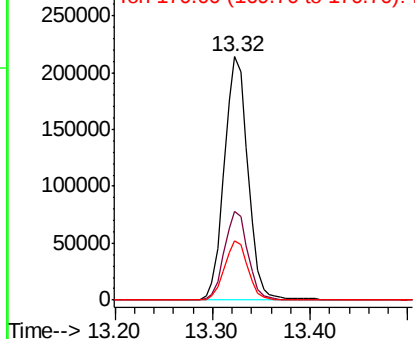


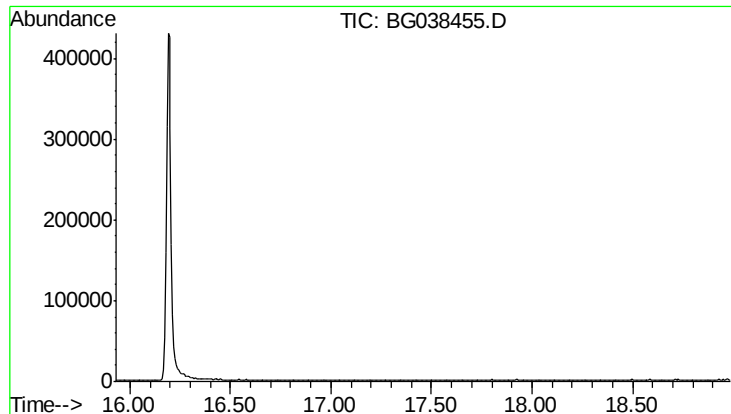
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038455.D
 Acq: 11 Dec 2018 1:32

Tgt Ion:172 Resp: 360477
 Ion Ratio Lower Upper
 172 100
 171 36.4 31.0 46.4
 170 24.3 20.2 30.2



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

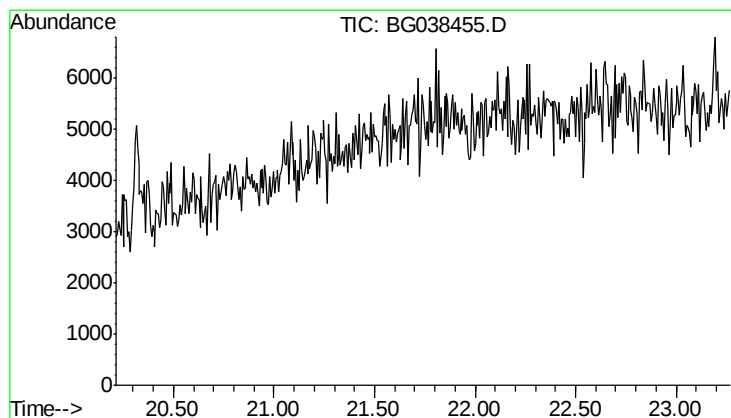
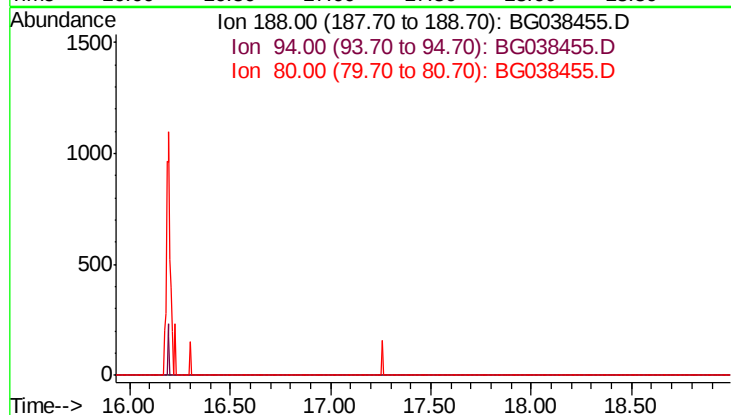




#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 17.46 min
 Lab File: BG038455.D
 Acq: 11 Dec 2018 1:32

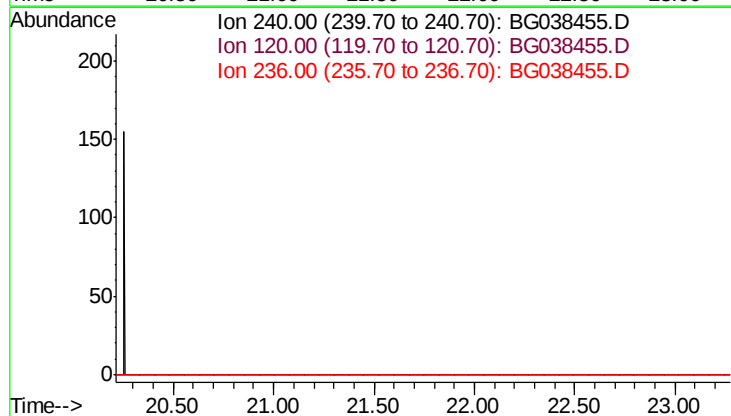
Instrument :
 BNA_G
 ClientSampleId :
 PB115480TB

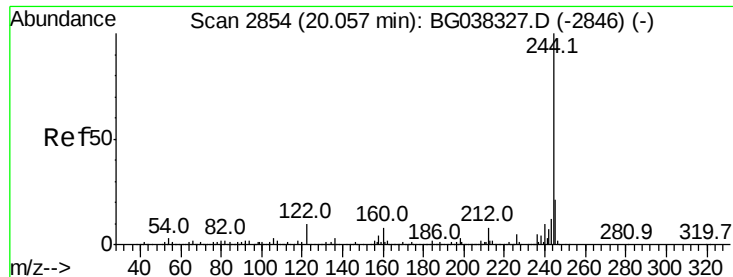
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 9.0
 80 9.6



#76
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 21.74 min
 Lab File: BG038455.D
 Acq: 11 Dec 2018 1:32

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 10.1
 236 26.7





#79

Terphenyl-d14

Concen: 0.000 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038455.D

Acq: 11 Dec 2018 1:32

Instrument :

BNA_G

ClientSampleId :

PB115480TB

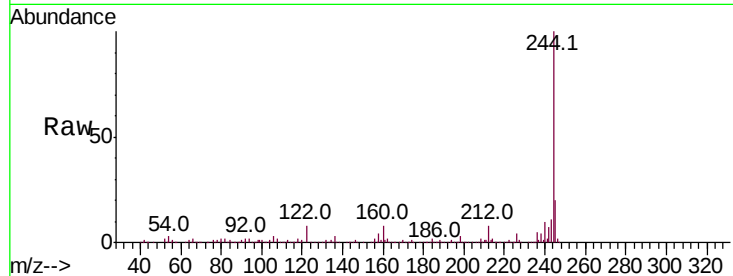
Tot Ion:244 Resp: 678205

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

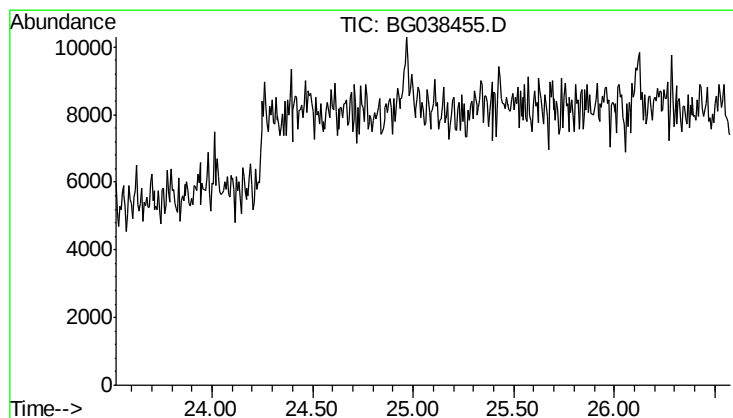
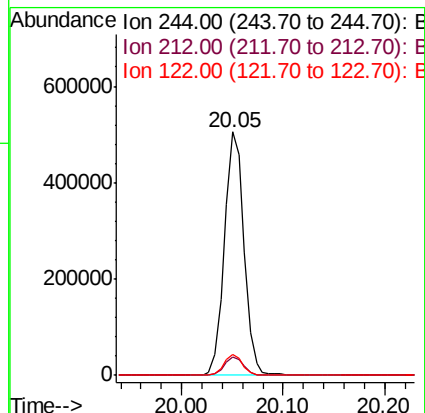
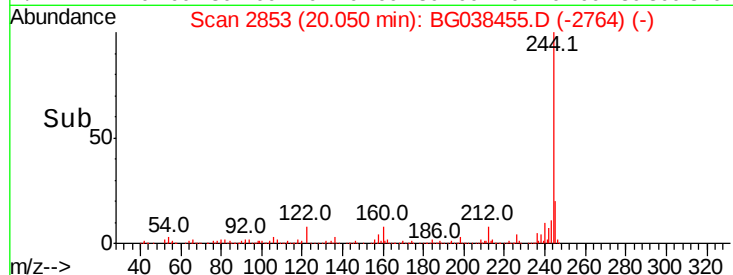
122 8.4 9.0 13.4#



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: 0.000 ng

Expected RT: 25.05 min

Lab File: BG038455.D

Acq: 11 Dec 2018 1:32

Tgt Ion: 264

Sig Exp Ratio

264 100

260 22.8

265 22.4

