

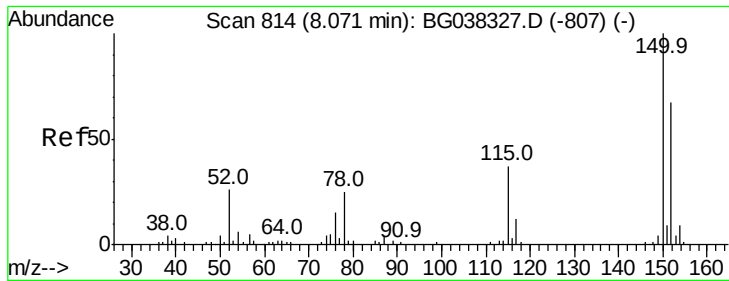
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038454.D
 Acq On : 11 Dec 2018 00:53
 Operator : JU/SJ
 Sample : PB115480BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115480BL

Quant Time: Dec 11 03:53:01 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	8.08	152	756	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	182155	4263.88	ng	0.00
7) Phenol-d6	7.22	99	249283	4037.27	ng	0.00
23) Nitrobenzene-d5	9.25	82	157605	0.00	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	105777	0.00	ng	-0.01
45) 2-Fluorobiphenyl	13.32	172	389852	0.00	ng	0.00
79) Terphenyl-d14	20.06	244	728476	0.00	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.53	88	62	3.167	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	141	5.495	ng	# 1
9) Benzaldehyde	7.21	77	361	9.233	ng	# 4
10) Phenol	7.60	94	276	4.231	ng	# 1
11) bis(2-Chloroethyl)ether	7.60	93	123	2.302	ng	# 1
15) Benzyl Alcohol	8.39	79	2482	48.894	ng	# 57
19) n-Nitroso-di-n-propylamine	9.25	70	21225	494.237	ng	# 76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 815

Delta R.T. 0.01 min

Lab File: BG038454.D

Acq: 11 Dec 2018 00:53

Instrument :

BNA_G

ClientSampleId :

PB115480BL

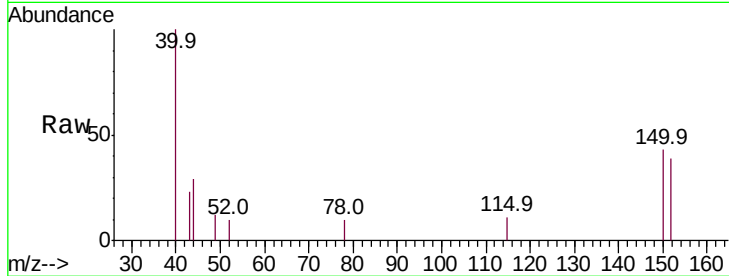
Tot Ion:152 Resp: 756

Ion Ratio Lower Upper

152 100

150 108.6 126.0 189.0#

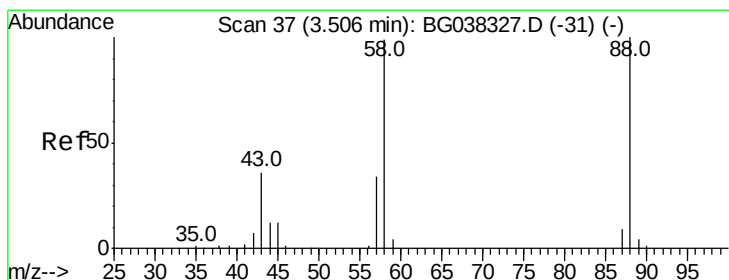
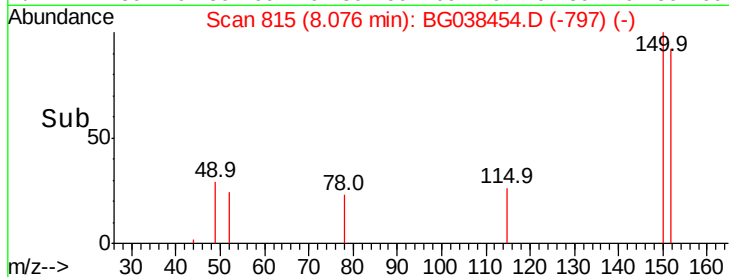
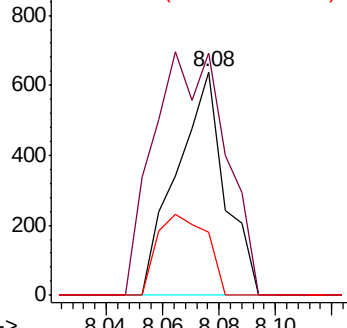
115 28.2 45.5 68.3#



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: 3.167 ng

RT: 3.53 min Scan# 41

Delta R.T. 0.02 min

Lab File: BG038454.D

Acq: 11 Dec 2018 00:53

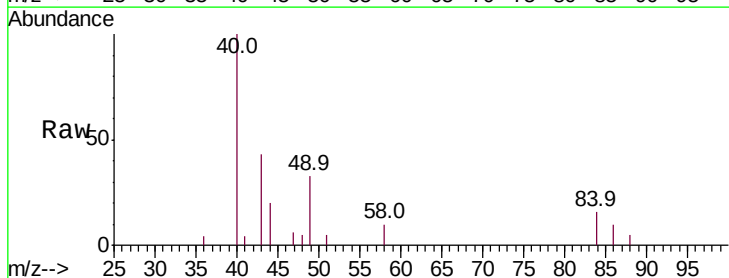
Tgt Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

58 354.8 74.4 111.6#

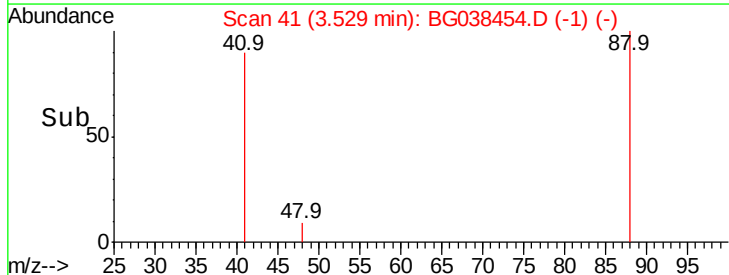
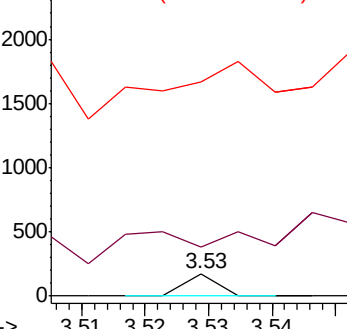
43 185.5 25.8 38.8#

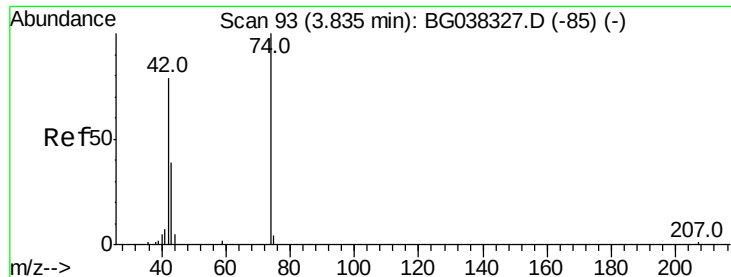


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 5.495 ng

RT: 3.85 min Scan# 96

Delta R.T. 0.02 min

Lab File: BG038454.D

Acq: 11 Dec 2018 00:53

Instrument :

BNA_G

ClientSampleId :

PB115480BL

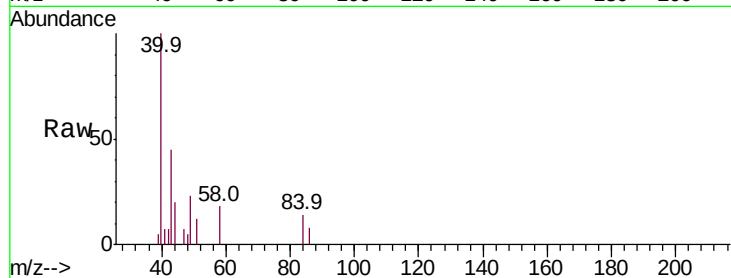
Tot Ion: 42 Resp: 141

Ion Ratio Lower Upper

42 100

74 0.0 102.0 153.0#

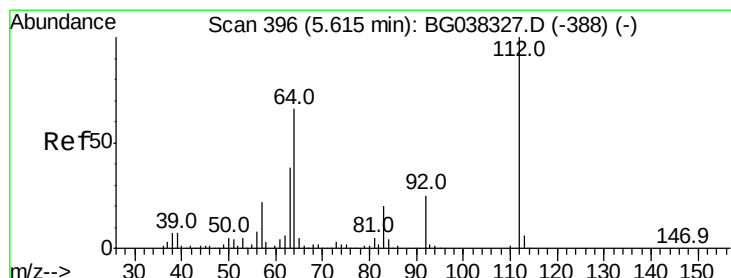
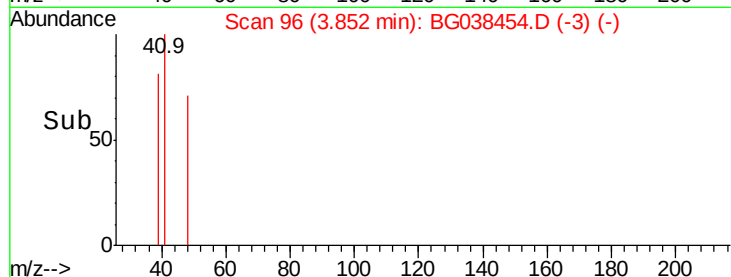
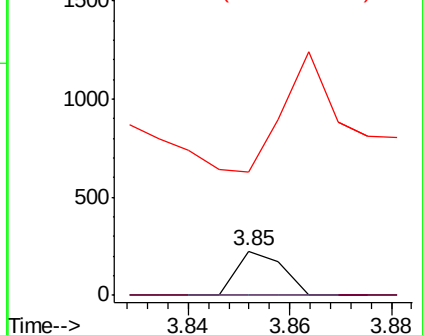
44 280.4 9.6 14.4#



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: 4263.881 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038454.D

Acq: 11 Dec 2018 00:53

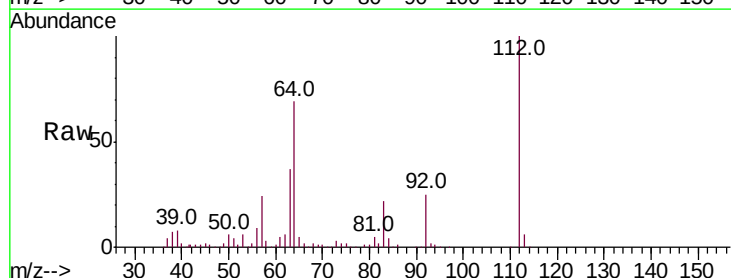
Tgt Ion: 112 Resp: 182155

Ion Ratio Lower Upper

112 100

64 69.1 53.1 79.7

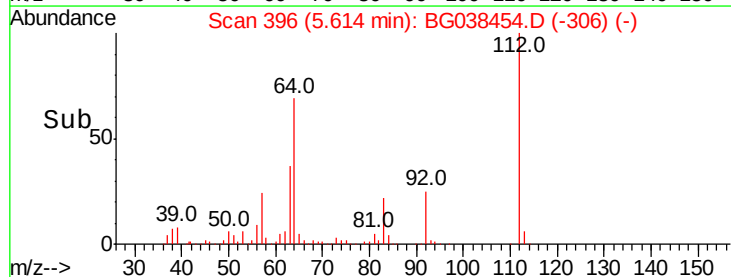
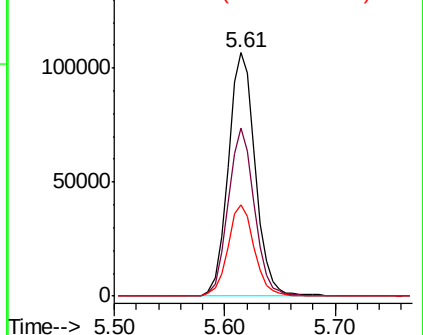
63 37.4 27.3 40.9

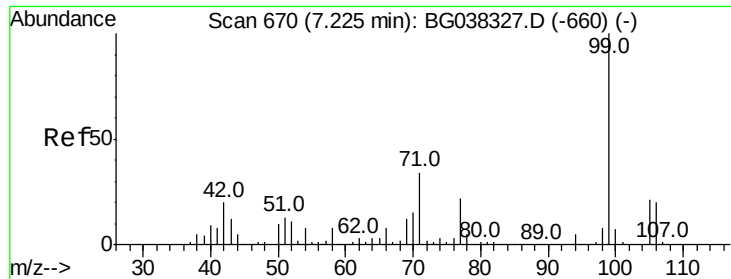


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 4037.272 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038454.D

Acq: 11 Dec 2018 00:53

Instrument :

BNA_G

ClientSampleId :

PB115480BL

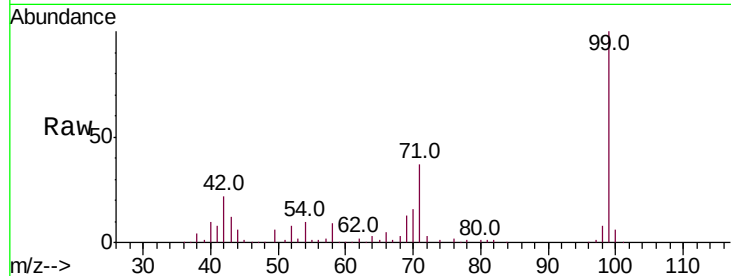
Tot Ion: 99 Resp: 249283

Ion Ratio Lower Upper

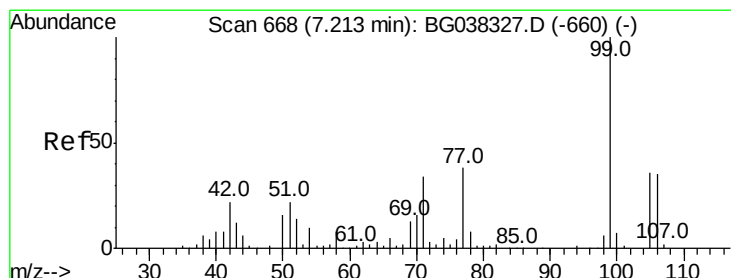
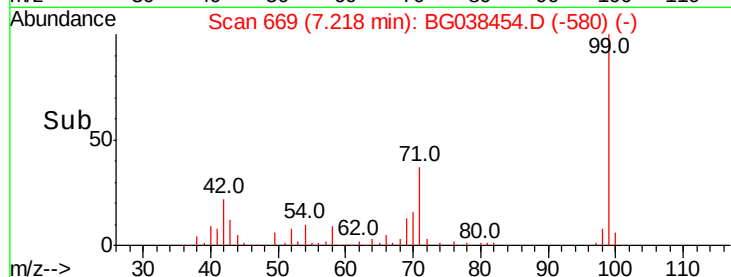
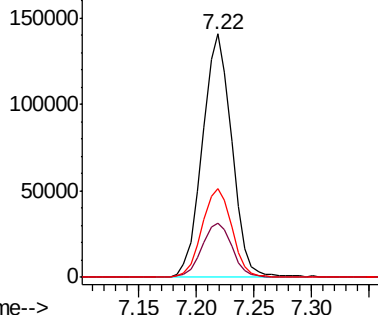
99 100

42 22.3 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: 9.233 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038454.D

Acq: 11 Dec 2018 00:53

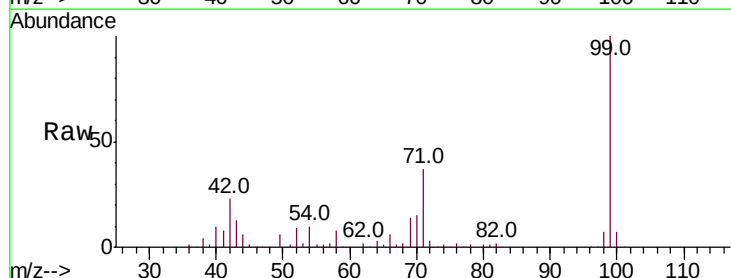
Tgt Ion: 77 Resp: 361

Ion Ratio Lower Upper

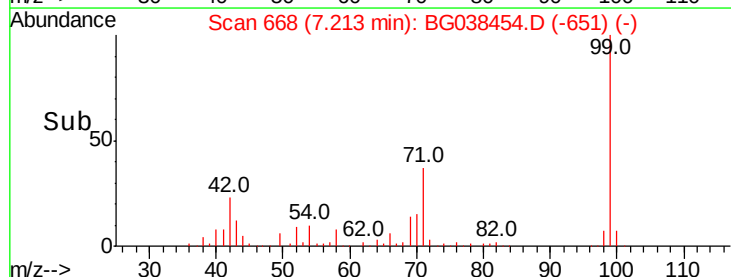
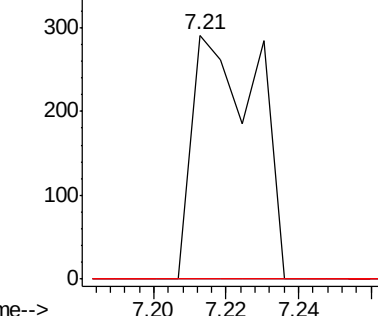
77 100

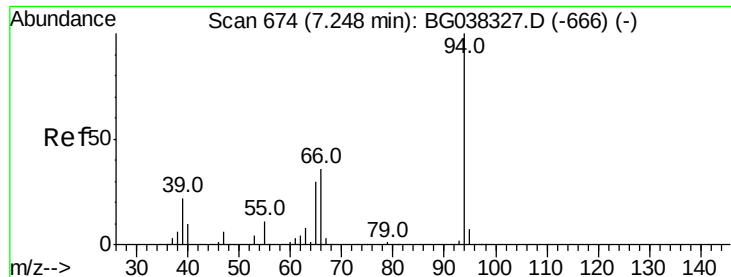
105 0.0 72.6 112.6#

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: 4.231 ng

RT: 7.60 min Scan# 734

Delta R.T. 0.35 min

Lab File: BG038454.D

Acq: 11 Dec 2018 00:53

Instrument :

BNA_G

ClientSampleId :

PB115480BL

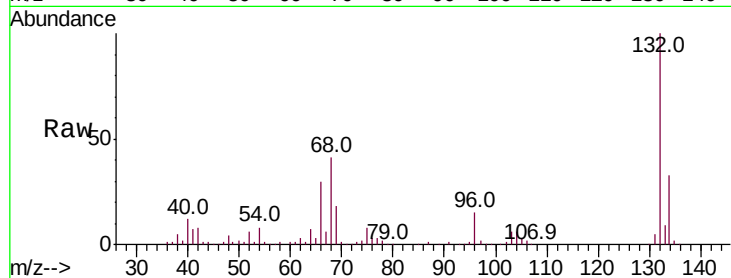
Tot Ion: 94 Resp: 276

Ion Ratio Lower Upper

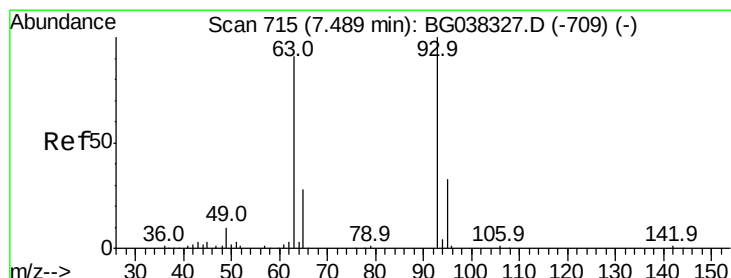
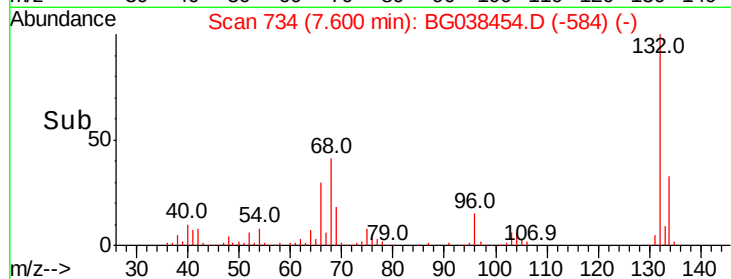
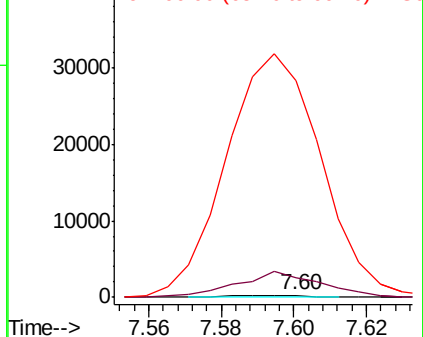
94 100

65 1071.9 9.7 49.7#

66 12071.5 15.9 55.9#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 2.302 ng

RT: 7.60 min Scan# 734

Delta R.T. 0.11 min

Lab File: BG038454.D

Acq: 11 Dec 2018 00:53

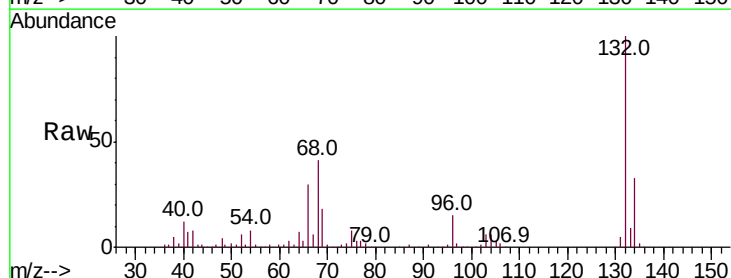
Tgt Ion: 93 Resp: 123

Ion Ratio Lower Upper

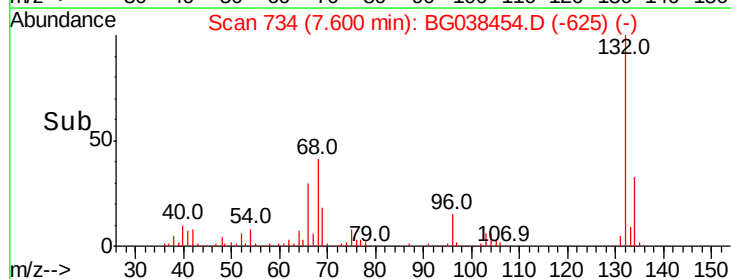
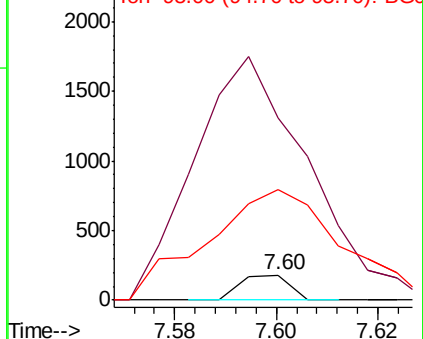
93 100

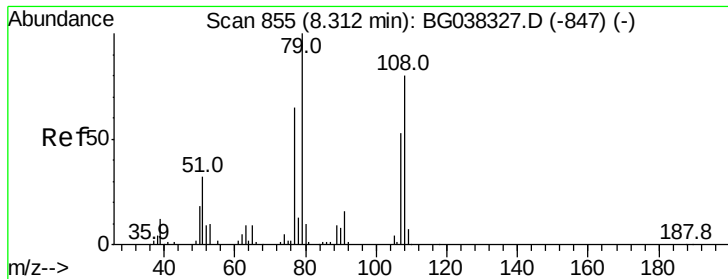
63 736.0 69.5 109.5#

95 444.4 12.6 52.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

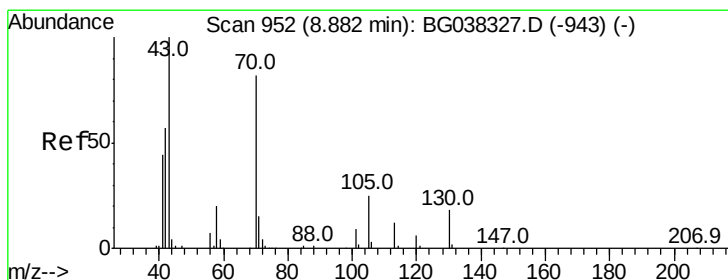
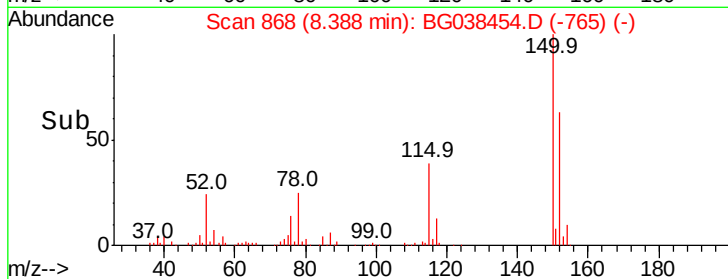
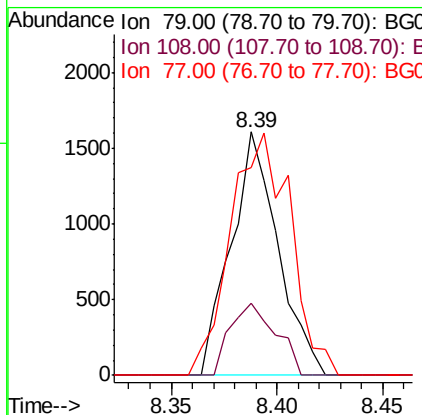
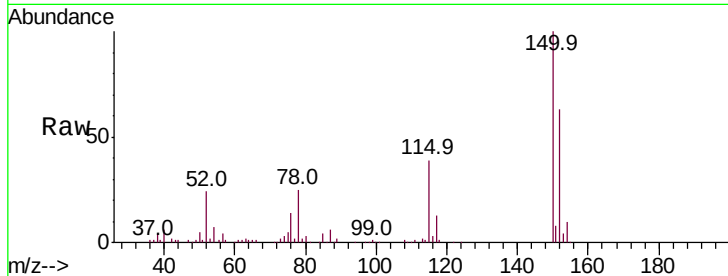




#15
Benzyl Alcohol
Concen: 48.894 ng
RT: 8.39 min Scan# 868
Delta R.T. 0.08 min
Lab File: BG038454.D
Acq: 11 Dec 2018 00:53

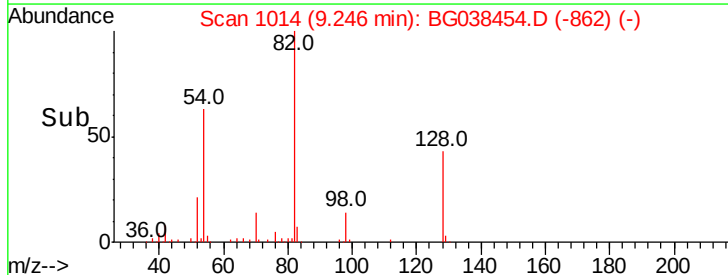
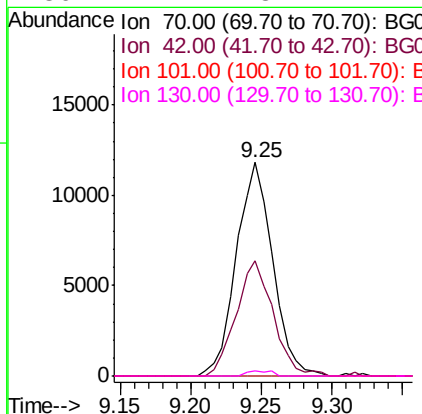
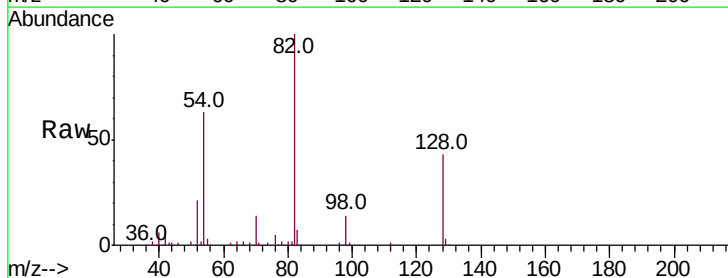
Instrument :
BNA_G
ClientSampleId :
PB115480BL

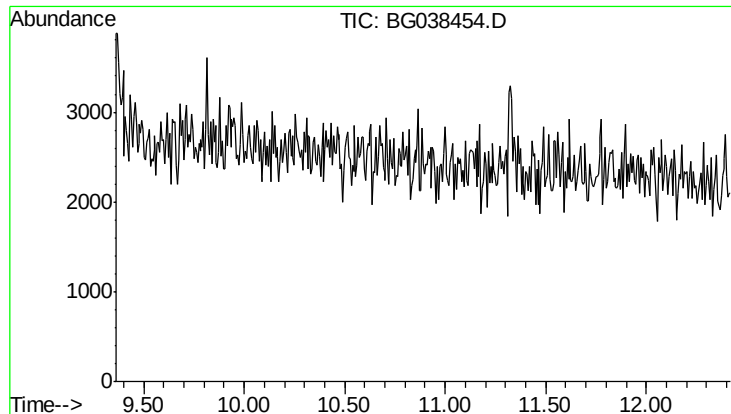
Tot Ion: 79 Resp: 2482
Ion Ratio Lower Upper
79 100
108 29.8 65.8 98.8#
77 85.3 52.9 79.3#



#19
n-Nitroso-di-n-propylamine
Concen: 494.237 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.36 min
Lab File: BG038454.D
Acq: 11 Dec 2018 00:53

Tgt Ion: 70 Resp: 21225
Ion Ratio Lower Upper
70 100
42 53.7 53.9 80.9#
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



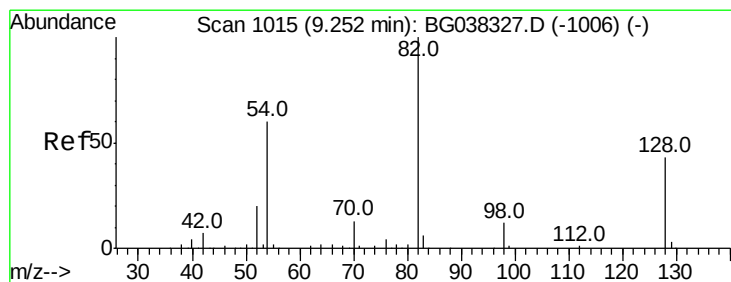
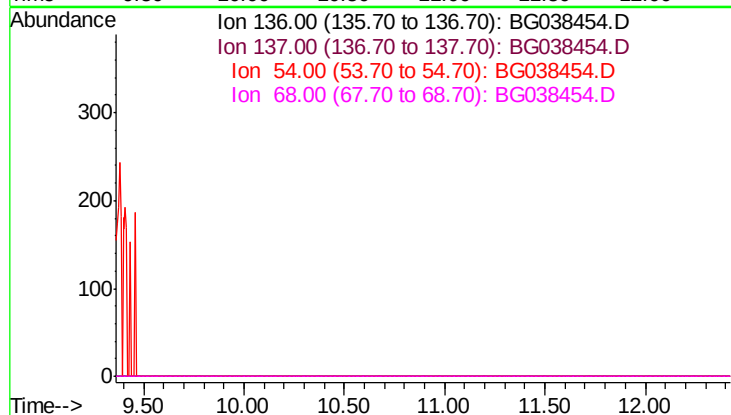


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.89 min

Lab File: BG038454.D
Acq: 11 Dec 2018 00:53

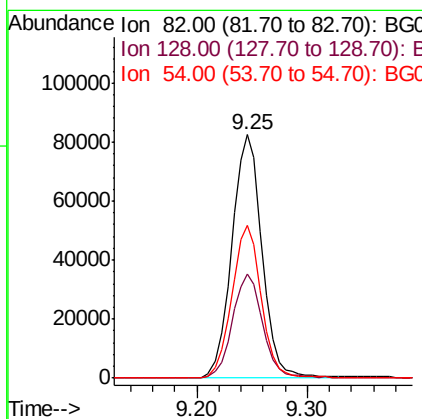
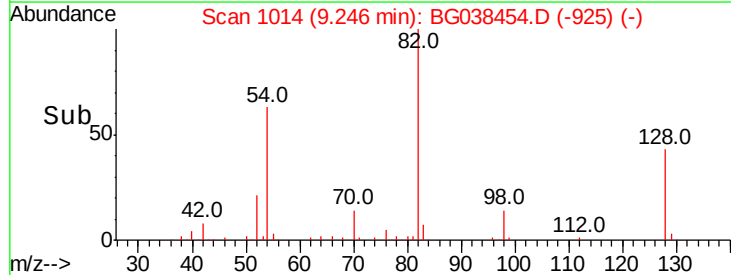
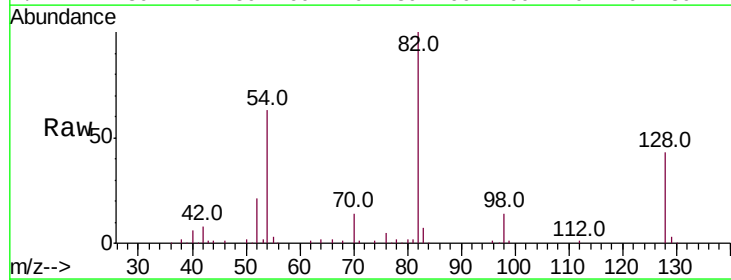
Instrument :
BNA_G
ClientSampleId :
PB115480BL

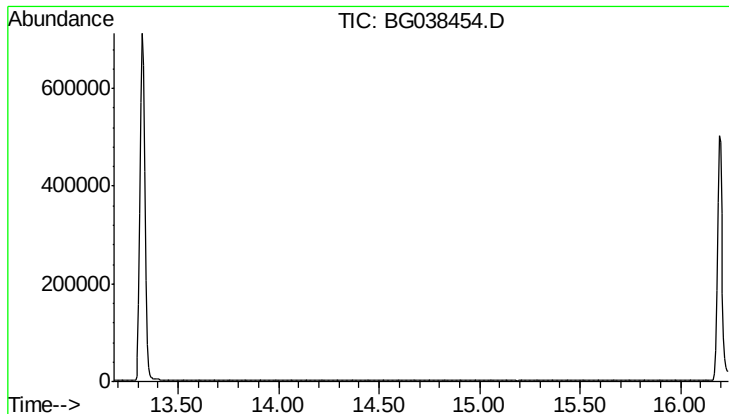
Tot Ion: 136
Sig Exp Ratio
136 100
137 12.0
54 9.9
68 6.0



#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038454.D
Acq: 11 Dec 2018 00:53

Tgt Ion: 82 Resp: 157605
Ion Ratio Lower Upper
82 100
128 42.8 34.6 51.8
54 62.6 45.3 67.9





#39

Acenaphthene-d10

Concen: 0.000 ng

Expected RT: 14.71 min

Lab File: BG038454.D

Acq: 11 Dec 2018 00:53

Instrument :

BNA_G

ClientSampleId :

PB115480BL

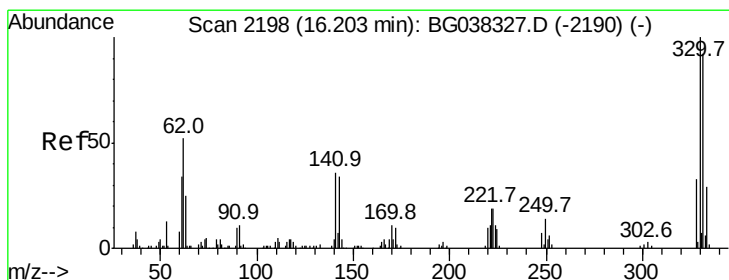
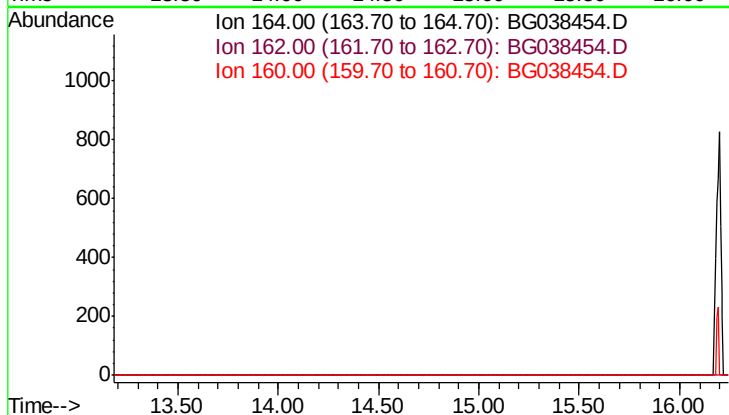
Tot Ion: 164

Sig Exp Ratio

164 100

162 101.6

160 45.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038454.D

Acq: 11 Dec 2018 00:53

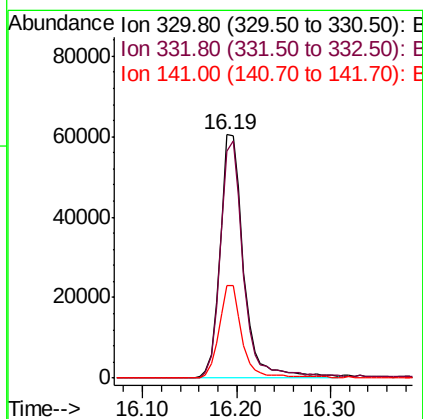
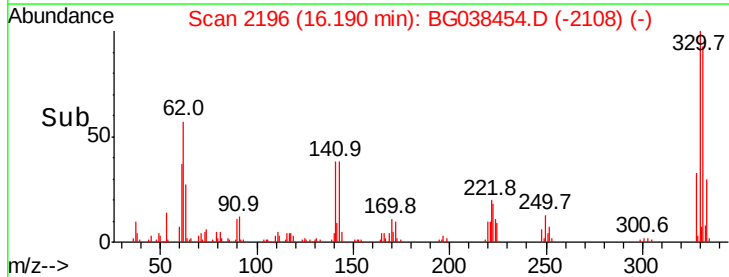
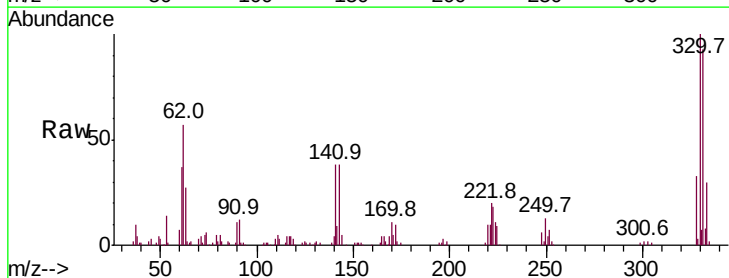
Tgt Ion: 330 Resp: 105777

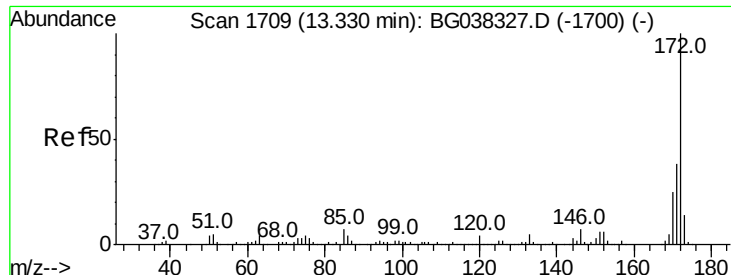
Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

141 36.4 32.2 48.2

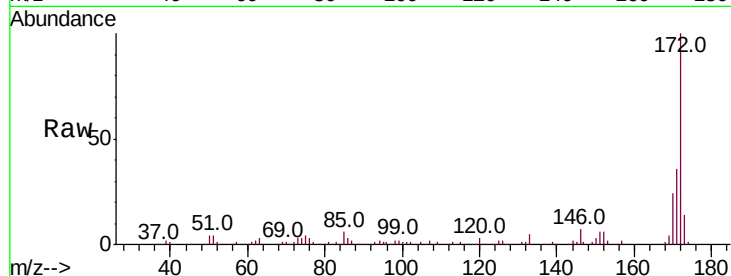




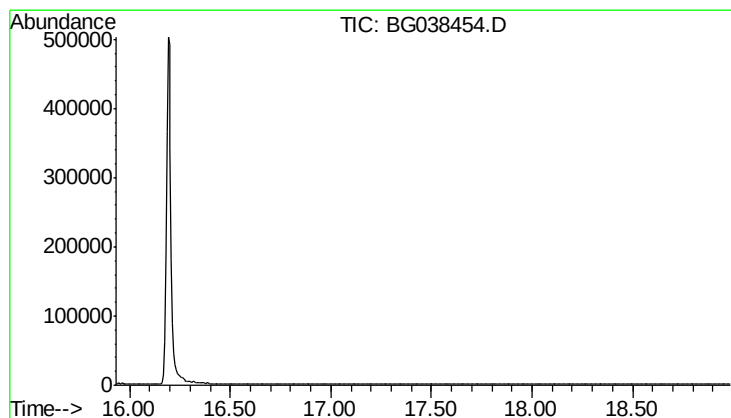
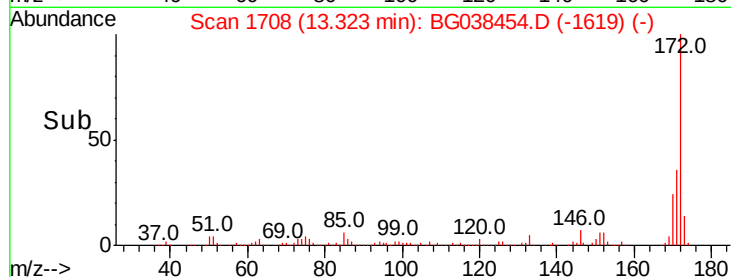
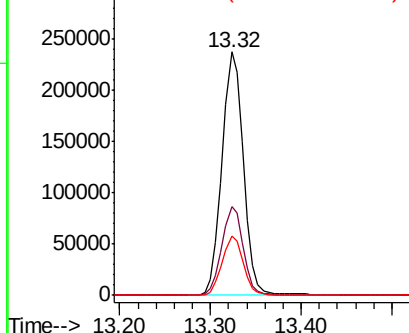
#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038454.D
Acq: 11 Dec 2018 00:53

Instrument :
BNA_G
ClientSampleId :
PB115480BL

Tot Ion:172 Resp: 389852
Ion Ratio Lower Upper
172 100
171 36.3 31.0 46.4
170 24.3 20.2 30.2



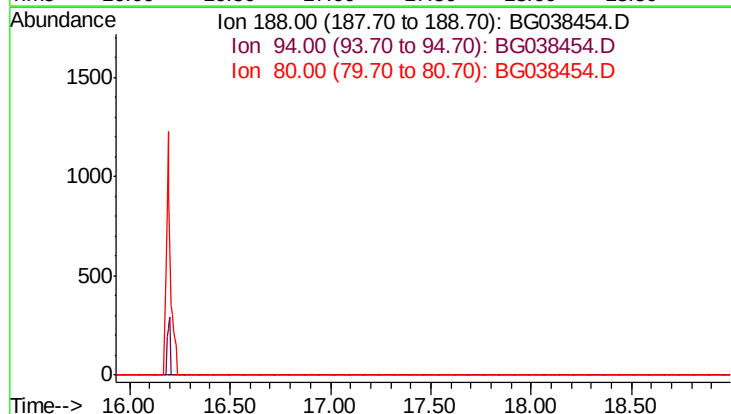
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

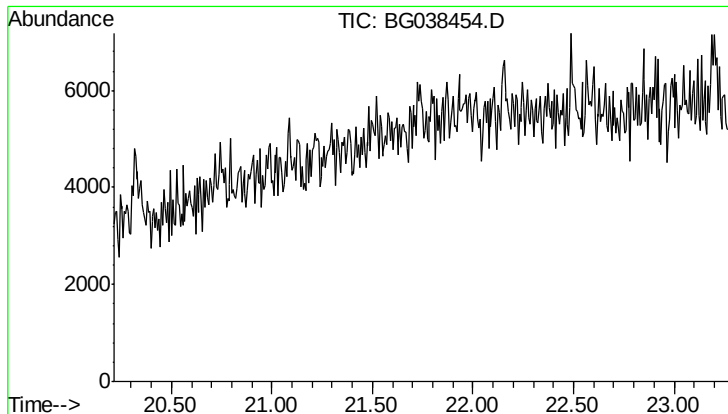


#64
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 17.46 min

Lab File: BG038454.D
Acq: 11 Dec 2018 00:53

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

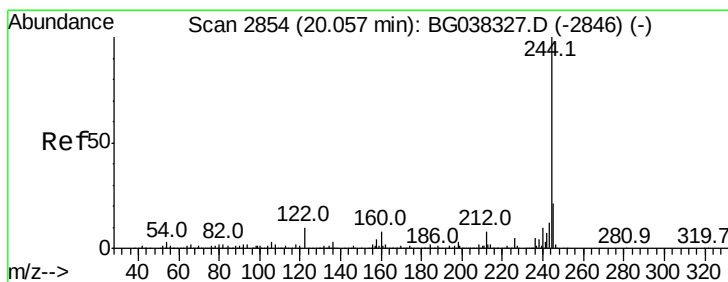
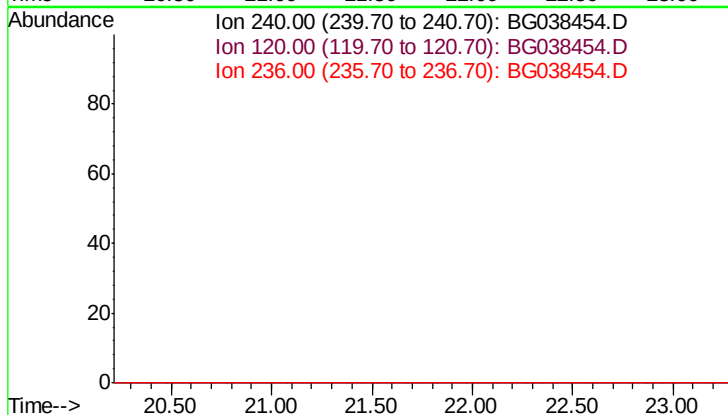




#76
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 21.74 min
 Lab File: BG038454.D
 Acq: 11 Dec 2018 00:53

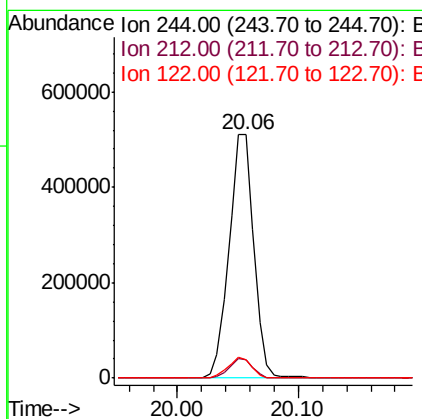
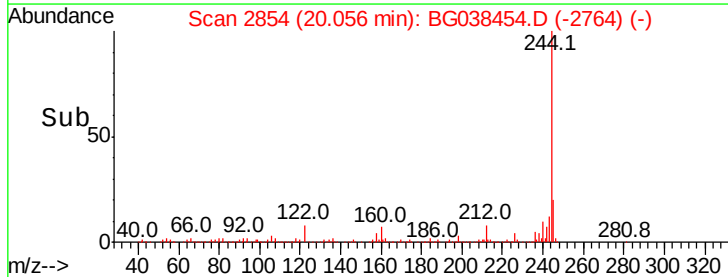
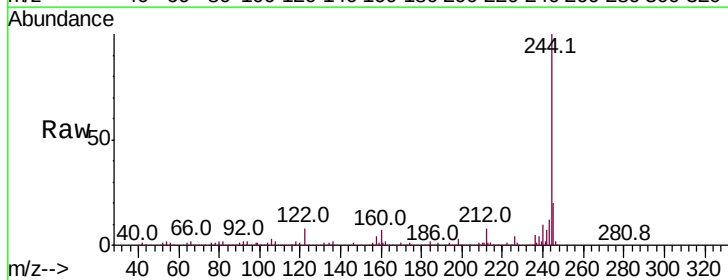
Instrument :
 BNA_G
 ClientSampleId :
 PB115480BL

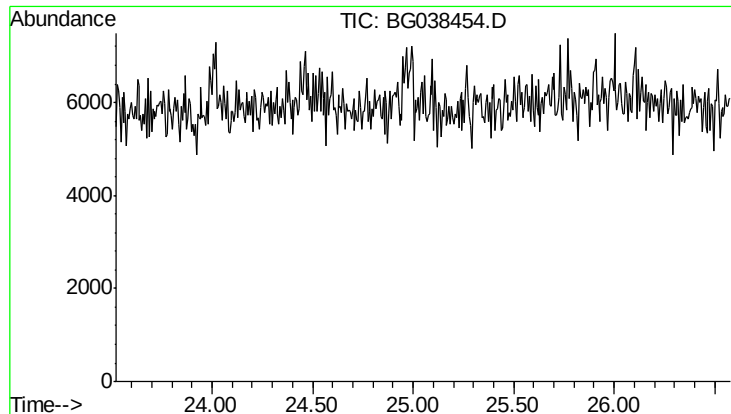
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 10.1
 236 26.7



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 20.06 min Scan# 2854
 Delta R.T. -0.00 min
 Lab File: BG038454.D
 Acq: 11 Dec 2018 00:53

Tgt Ion: 244 Resp: 728476
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.5 9.0 13.4#





#87
 Pervlene-d12
 Concen: 0.000 ng
 Expected RT: 25.05 min
 Lab File: BG038454.D
 Acq: 11 Dec 2018 00:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115480BL

Tot Ion	264	260	265
Exp Ratio	100	22.8	22.4

