

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046673.D
 Acq On : 18 Sep 2020 17:26
 Operator : CG/JU
 Sample : L3870-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-091720

Quant Time: Sep 18 19:01:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

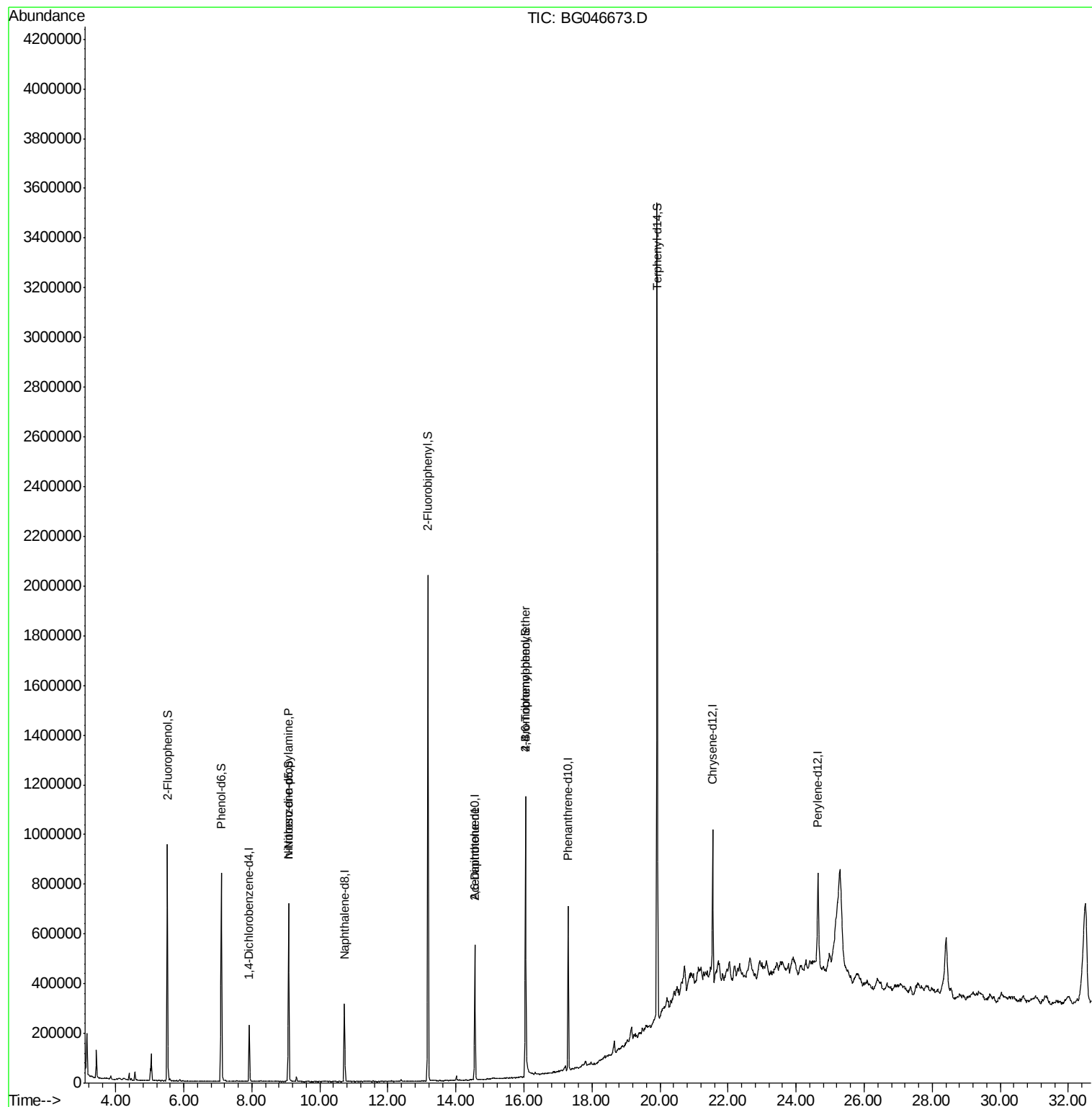
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	72161	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	294931	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	201801	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	424402	20.00	ng	0.00
76) Chrysene-d12	21.55	240	389471	20.00	ng	0.00
86) Perylene-d12	24.64	264	387333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	443316	108.81	ng	0.01
7) Phenol-d6	7.10	99	537136	93.00	ng	0.00
23) Nitrobenzene-d5	9.08	82	450099	87.23	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	268678	98.26	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1154918	87.37	ng	0.00
79) Terphenyl-d14	19.91	244	1514580	82.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	57597	16.672	ng	# 75
51) 2,6-Dinitrotoluene	14.55	165	27310	7.936	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	19678	3.974	ng	# 1

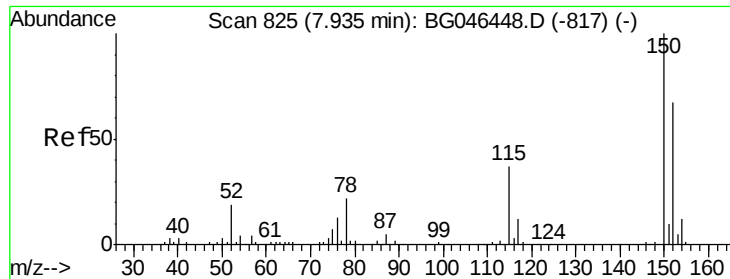
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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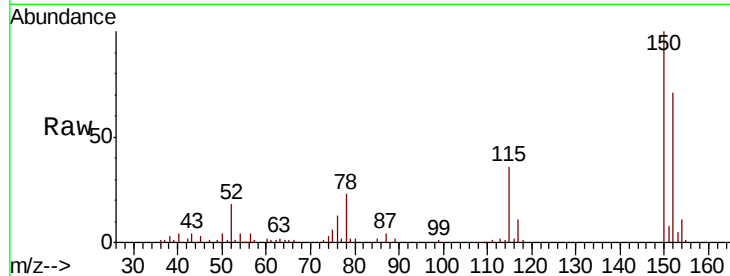




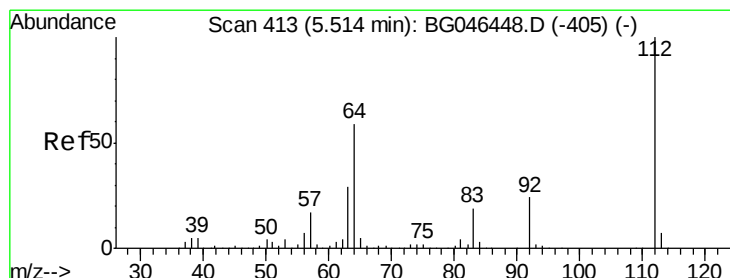
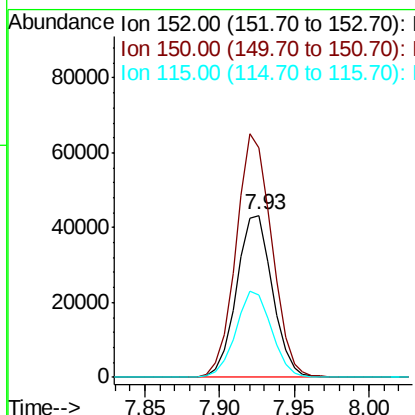
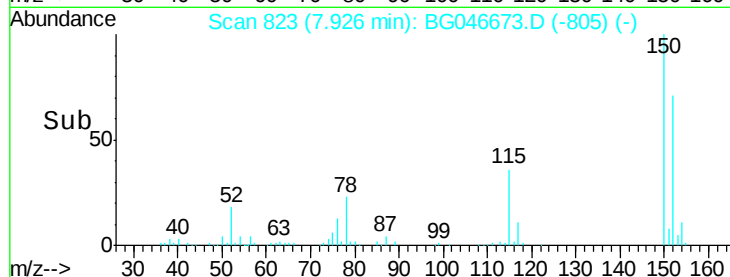
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BG046673.D
 Acq: 18 Sep 2020 17:26

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-091720

Tot Ion:152 Resp: 72161
 Ion Ratio Lower Upper
 152 100
 150 141.5 125.0 187.6
 115 50.4 41.8 62.6

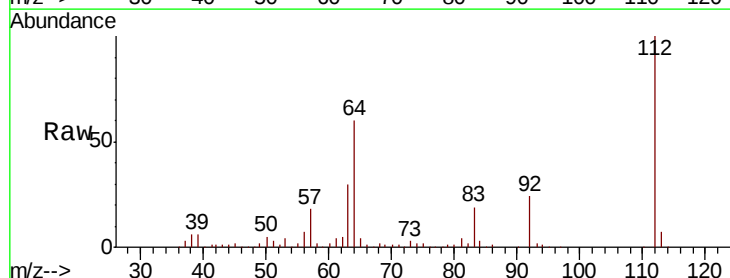


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

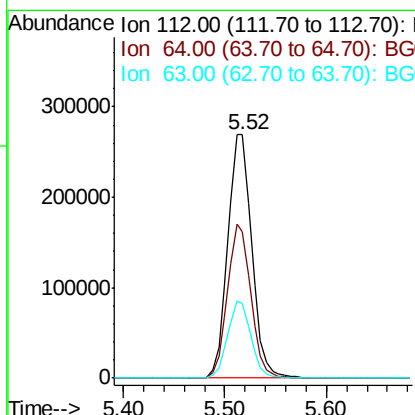
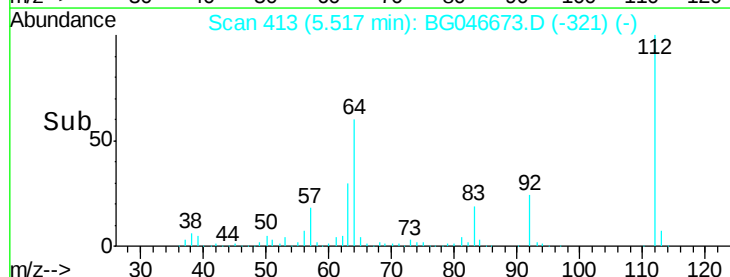


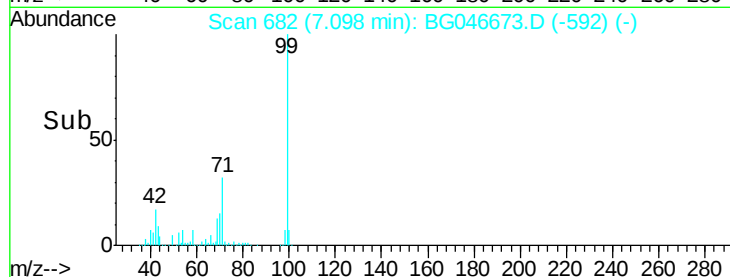
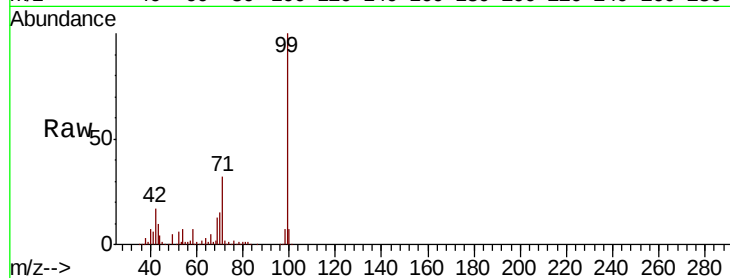
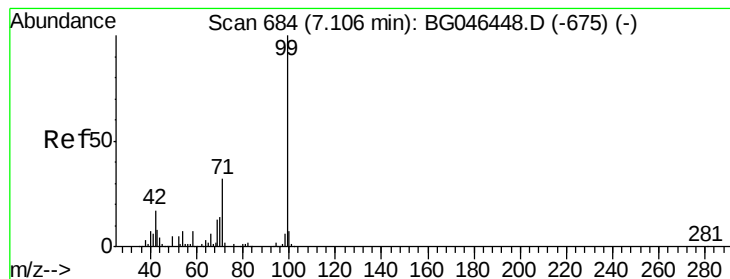
#5
 2-Fluorophenol
 Concen: 108.812 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BG046673.D
 Acq: 18 Sep 2020 17:26

Tgt Ion:112 Resp: 443316
 Ion Ratio Lower Upper
 112 100
 64 60.3 46.7 70.1
 63 30.4 22.8 34.2



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: 93.002 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046673.D

Acq: 18 Sep 2020 17:26

Instrument :

BNA_G

ClientSampleId :

SU-02-091720

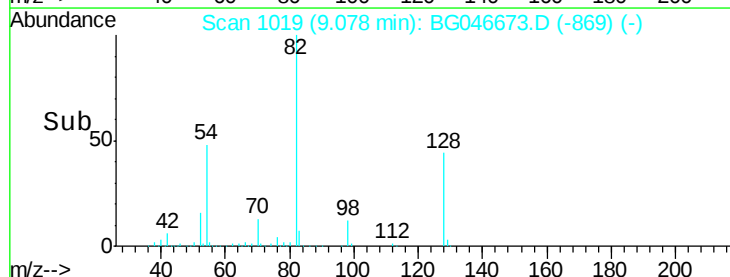
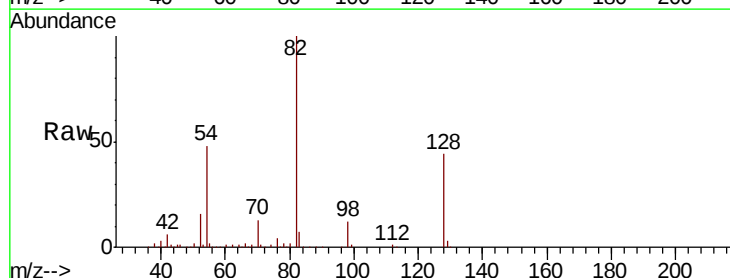
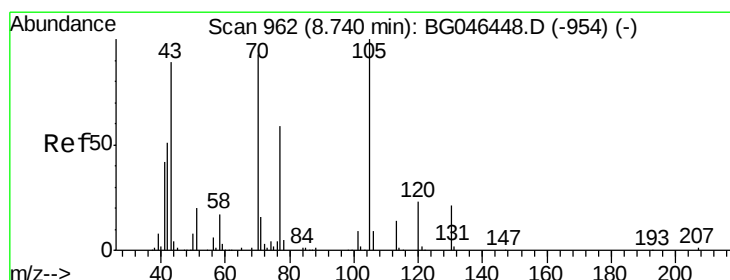
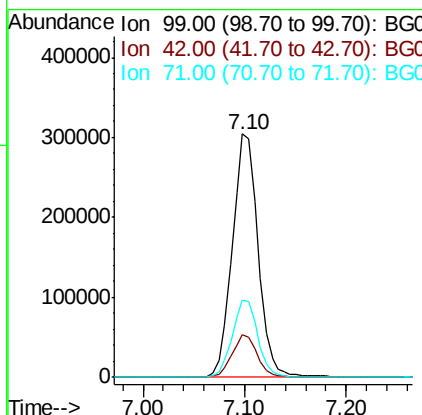
Tot Ion: 99 Resp: 537136

Ion Ratio Lower Upper

99 100

42 17.4 12.8 19.2

71 31.9 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 16.672 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG046673.D

Acq: 18 Sep 2020 17:26

Tgt Ion: 70 Resp: 57597

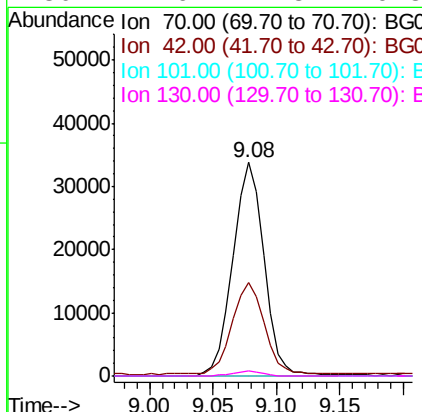
Ion Ratio Lower Upper

70 100

42 43.8 45.6 68.4#

101 0.0 8.4 12.6#

130 2.6 17.8 26.8#

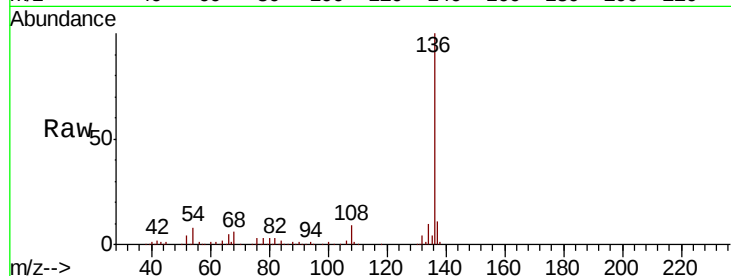




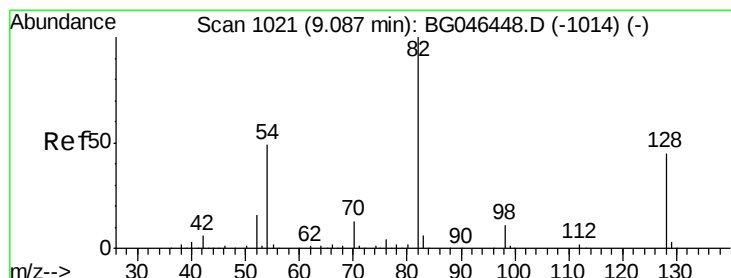
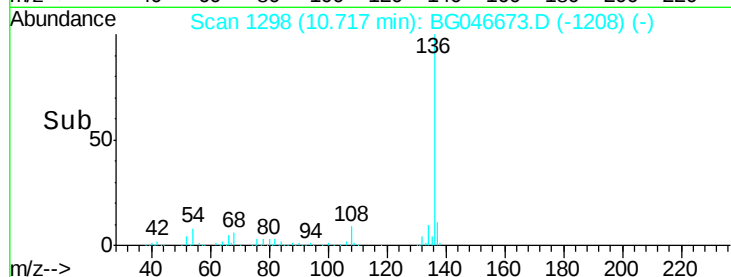
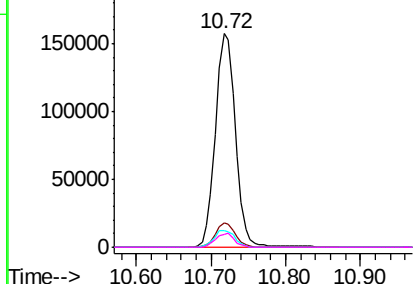
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG046673.D
Acq: 18 Sep 2020 17:26

Instrument :
BNA_G
ClientSampleId :
SU-02-091720

Tot Ion:136	Resp:	294931	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.1	13.7	
54 7.8	6.2	9.4	
68 6.3	5.0	7.4	

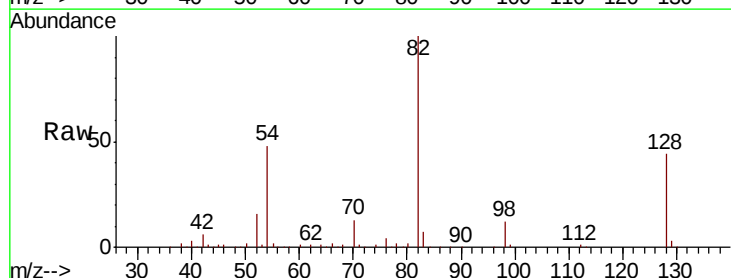


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

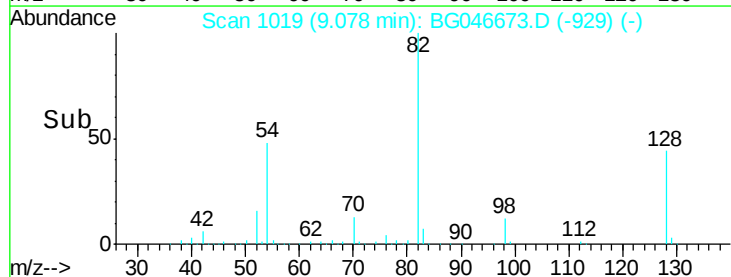
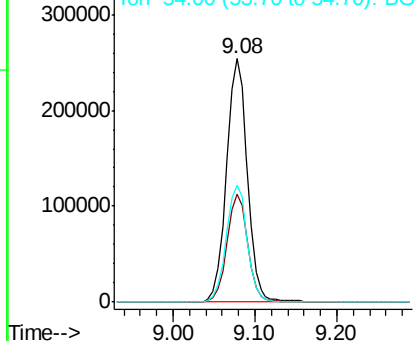


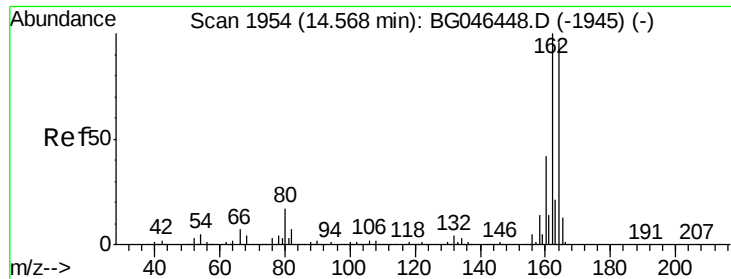
#23
Nitrobenzene-d5
Concen: 87.225 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG046673.D
Acq: 18 Sep 2020 17:26

Tgt	Ion: 82	Resp:	450099
Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.0	55.6
54	48.3	39.0	58.4



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: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG046673.D

Acq: 18 Sep 2020 17:26

Instrument :

BNA_G

ClientSampleId :

SU-02-091720

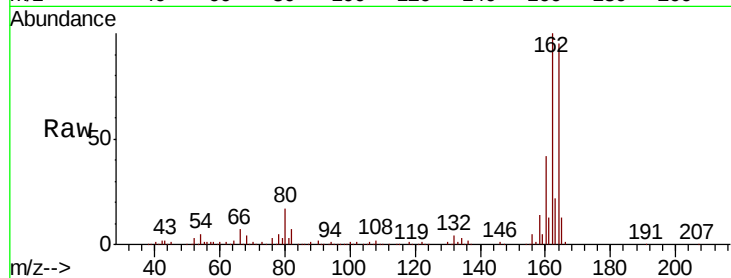
Tot Ion:164 Resp: 201801

Ion Ratio Lower Upper

164 100

162 105.6 82.3 123.5

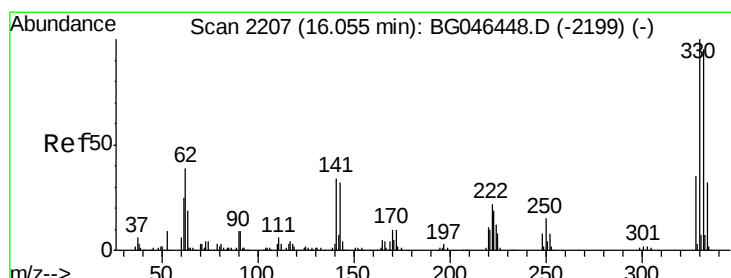
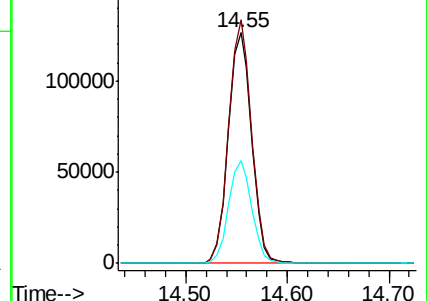
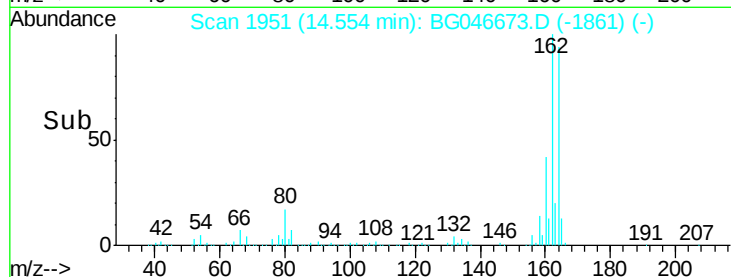
160 44.6 35.3 52.9



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: 98.263 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG046673.D

Acq: 18 Sep 2020 17:26

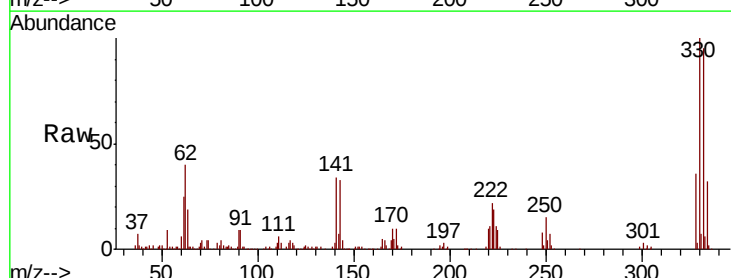
Tgt Ion:330 Resp: 268678

Ion Ratio Lower Upper

330 100

332 95.6 76.5 114.7

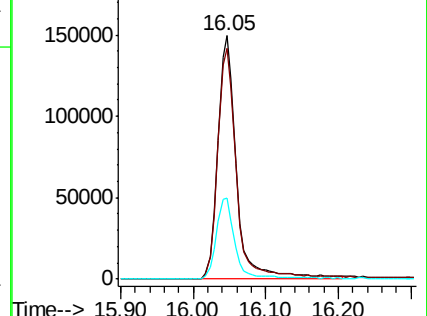
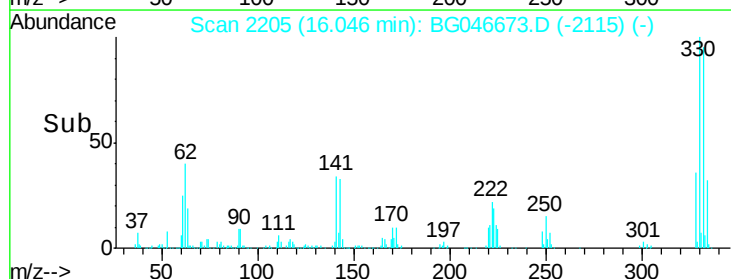
141 32.9 26.0 39.0

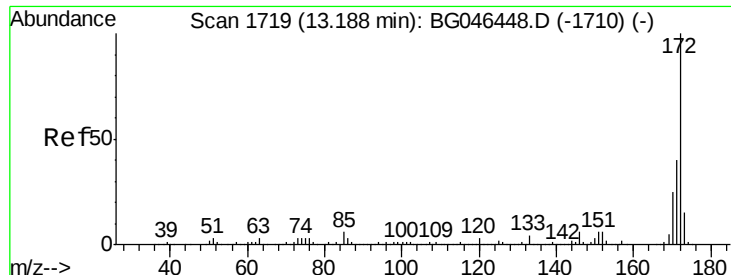


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

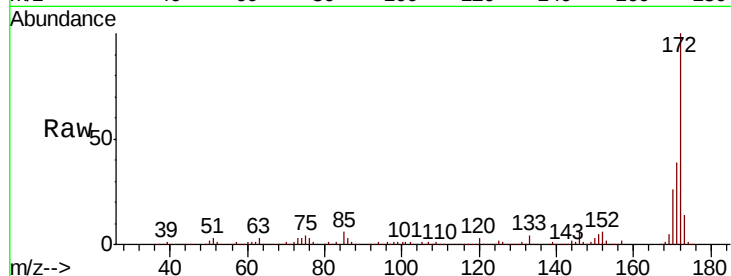




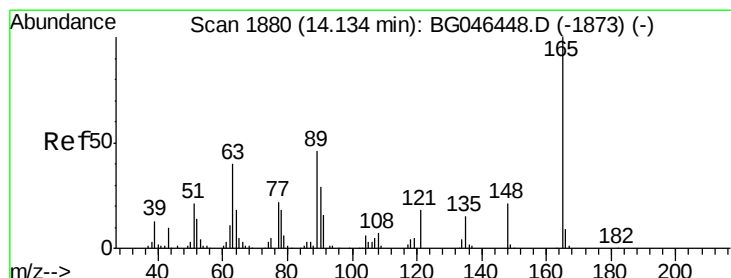
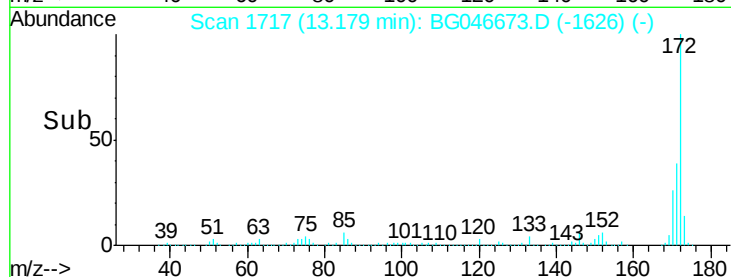
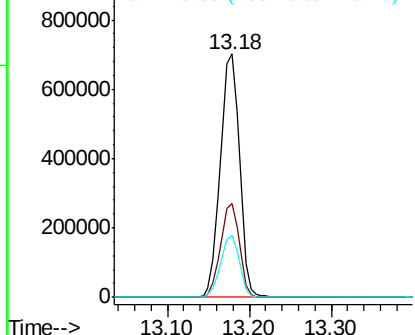
#45
2-Fluorobiphenyl
Concen: 87.366 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.01 min
Lab File: BG046673.D
Acq: 18 Sep 2020 17:26

Instrument :
BNA_G
ClientSampleId :
SU-02-091720

Tot Ion:172 Resp: 1154918
Ion Ratio Lower Upper
172 100
171 38.7 31.3 46.9
170 25.6 20.8 31.2

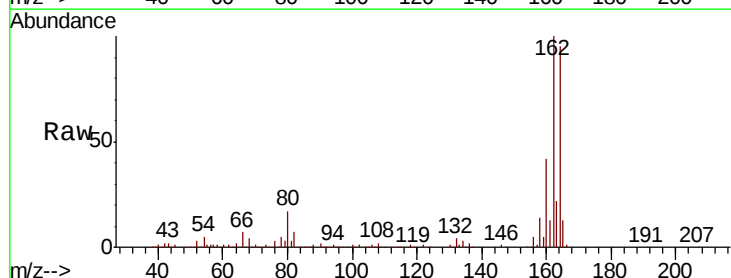


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

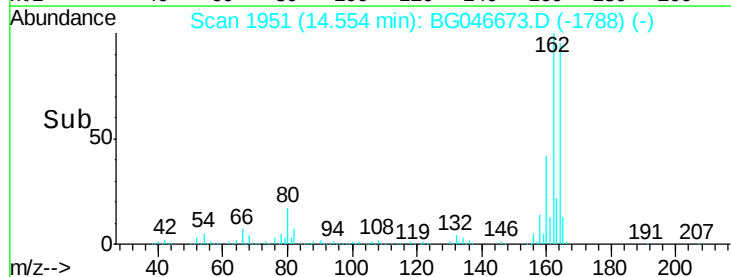
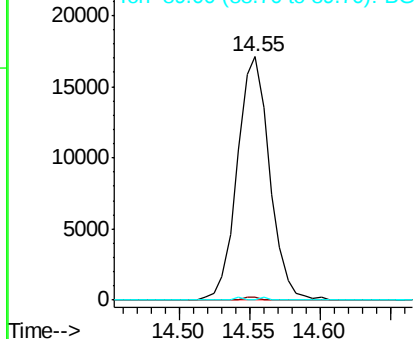


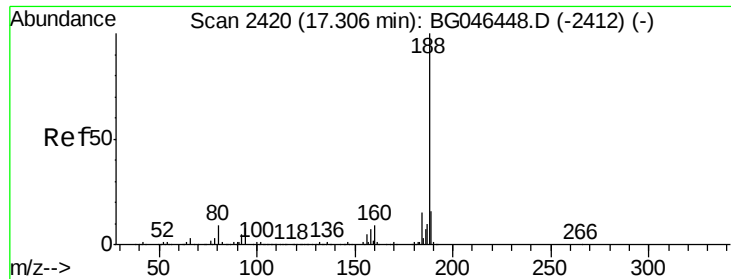
#51
2,6-Dinitrotoluene
Concen: 7.936 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.43 min
Lab File: BG046673.D
Acq: 18 Sep 2020 17:26

Tgt Ion:165 Resp: 27310
Ion Ratio Lower Upper
165 100
63 1.3 33.7 50.5#
89 0.0 36.6 54.8#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG046673.D

Acq: 18 Sep 2020 17:26

Instrument :

BNA_G

ClientSampleId :

SU-02-091720

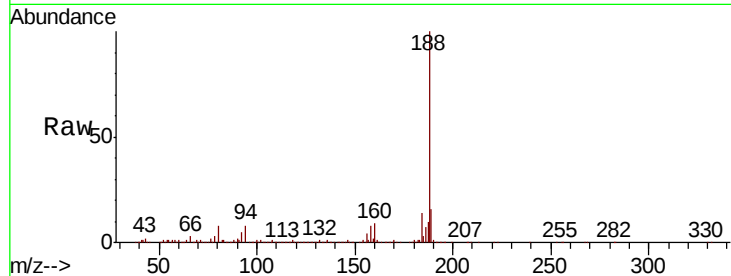
Tot Ion:188 Resp: 424402

Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

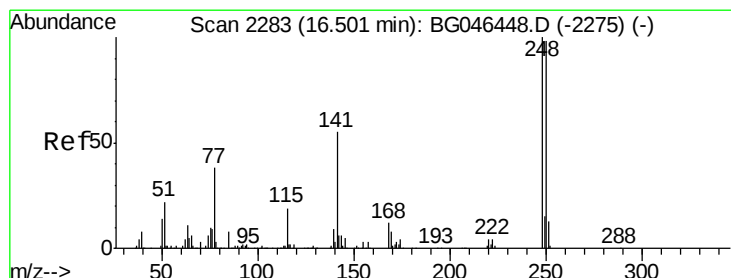
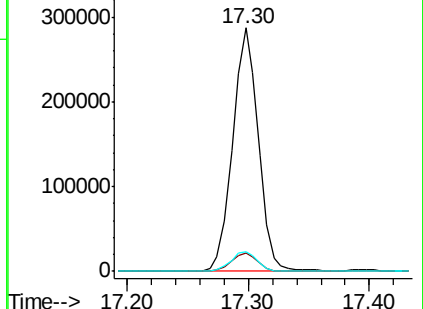
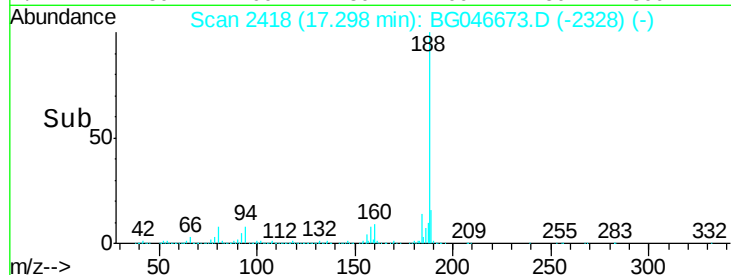
80 8.1 7.0 10.6



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: 3.974 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.44 min

Lab File: BG046673.D

Acq: 18 Sep 2020 17:26

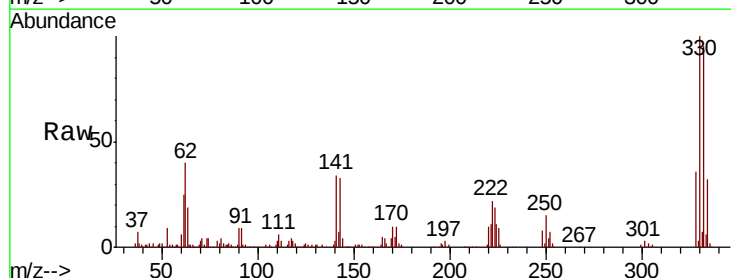
Tgt Ion:248 Resp: 19678

Ion Ratio Lower Upper

248 100

250 200.5 78.9 118.3#

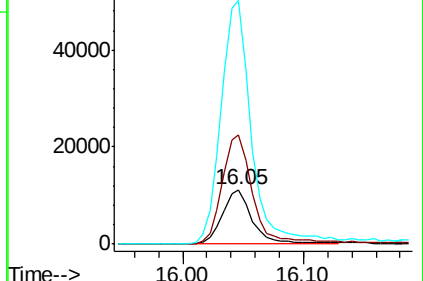
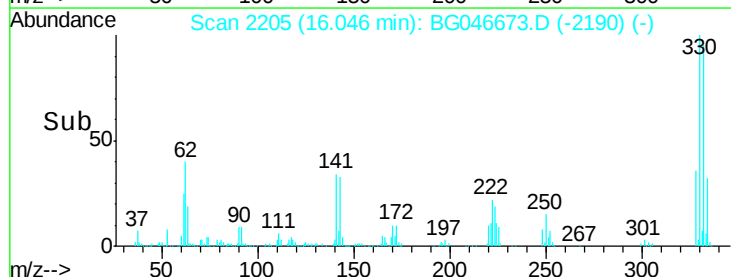
141 445.3 46.2 69.4#

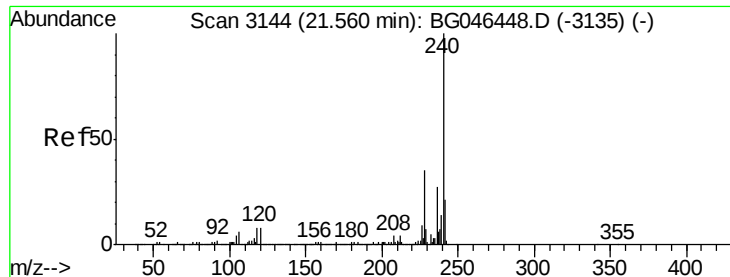


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.55 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG046673.D

Acq: 18 Sep 2020 17:26

Instrument :

BNA_G

ClientSampleId :

SU-02-091720

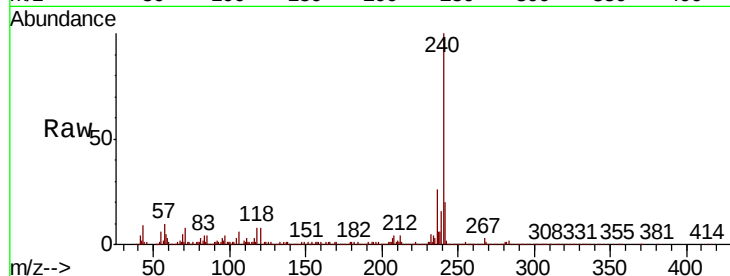
Tot Ion:240 Resp: 389471

Ion Ratio Lower Upper

240 100

120 8.0 6.2 9.4

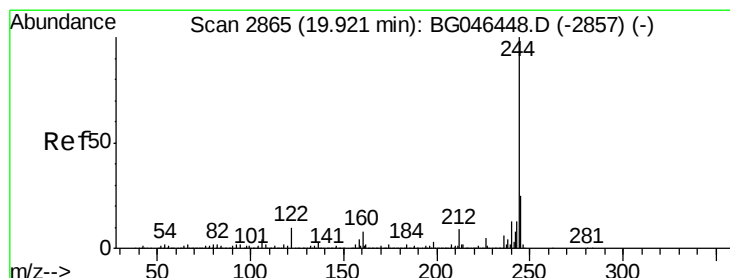
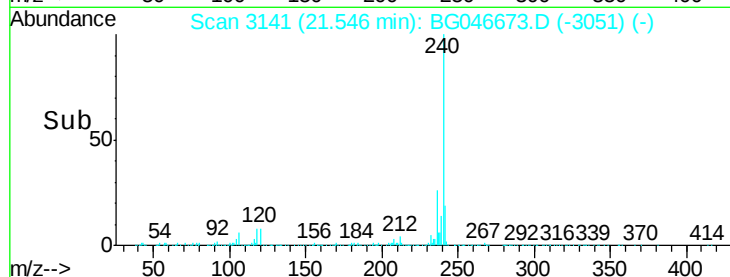
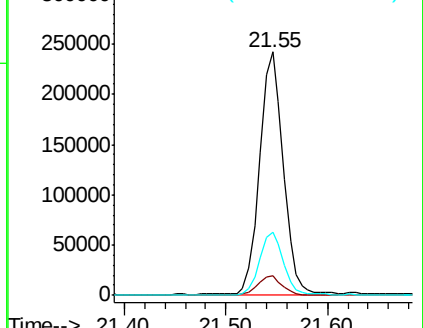
236 26.1 20.5 30.7



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: 82.761 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046673.D

Acq: 18 Sep 2020 17:26

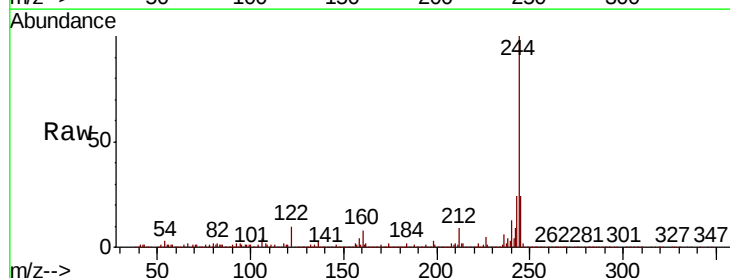
Tgt Ion:244 Resp: 1514580

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

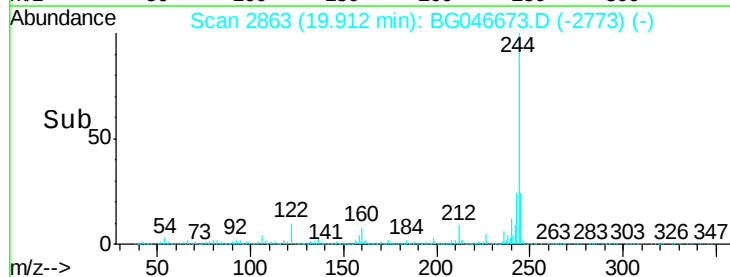
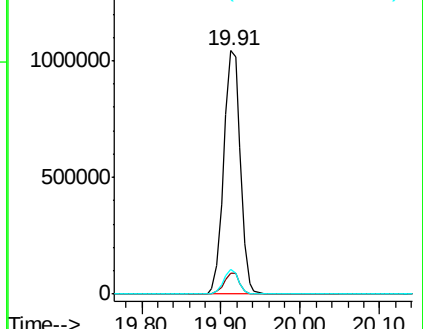
122 10.0 7.8 11.6

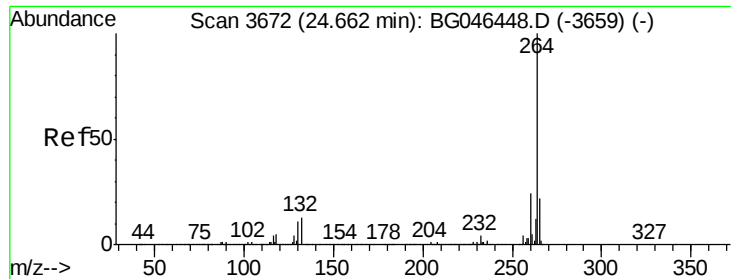


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

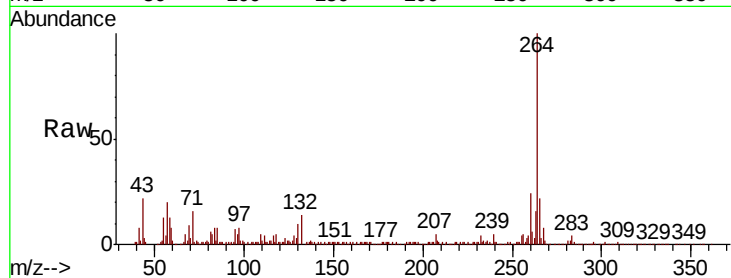




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.64 min Scan# 3668
 Delta R.T. 0.00 min
 Lab File: BG046673.D
 Acq: 18 Sep 2020 17:26

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-091720

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.1	17.8	26.8



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

