

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046147.D
 Acq On : 1 Aug 2020 6:55
 Operator : CG/JU
 Sample : L3518-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Aug 01 07:32:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

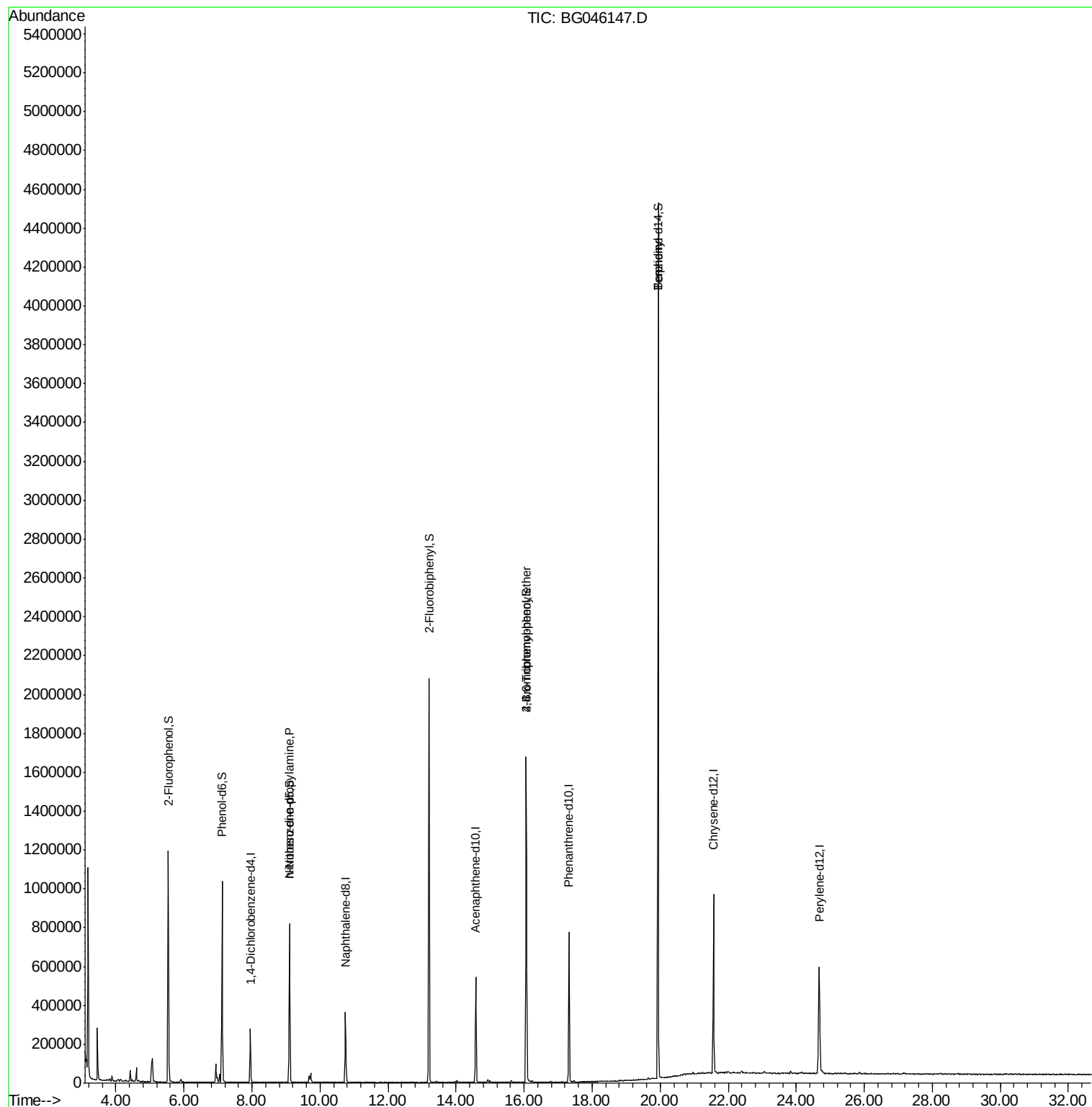
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	82347	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	317040	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	195904	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	466784	20.00	ng	0.00
76) Chrysene-d12	21.57	240	567016	20.00	ng	0.00
86) Perylene-d12	24.67	264	573320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	507788	107.20	ng	0.00
7) Phenol-d6	7.12	99	585173	90.64	ng	0.00
23) Nitrobenzene-d5	9.10	82	500153	85.41	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	350235	116.39	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1087359	80.63	ng	0.00
79) Terphenyl-d14	19.93	244	1953164	70.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	65367	15.558	ng	# 76
67) 4-Bromophenyl-phenylether	16.06	248	21398	3.711	ng	# 1
77) Benzidine	19.93	184	34608	2.155	ng	99

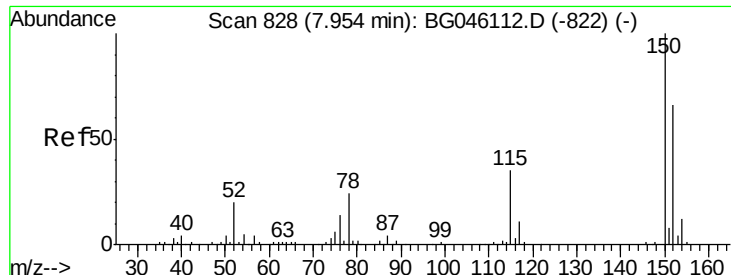
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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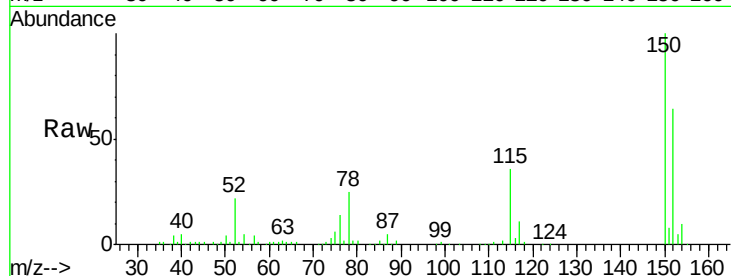


#1

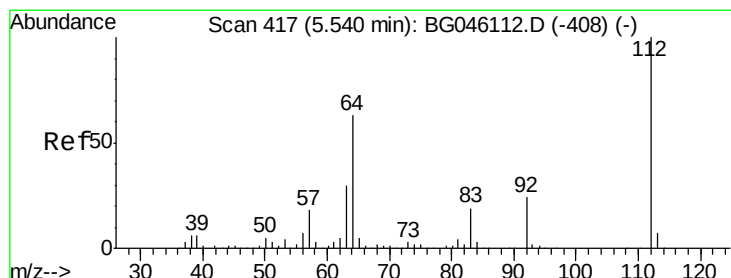
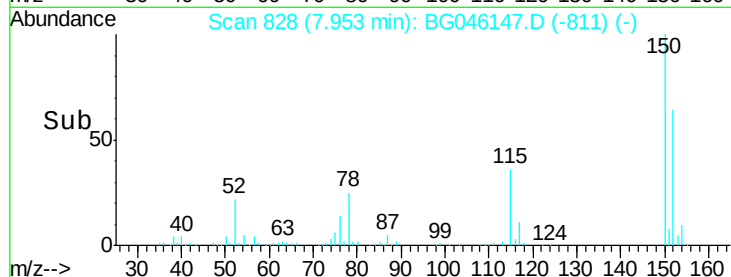
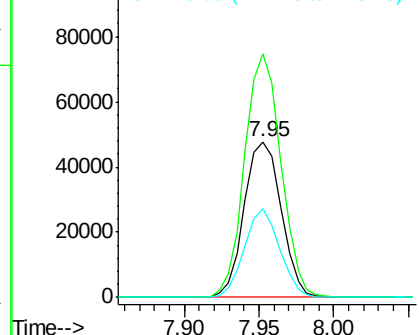
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046147.D
Acq: 1 Aug 2020 6:55

Instrument :
BNA_G
ClientSampled :
TP-5

Tot Ion:152 Resp: 82347
Ion Ratio Lower Upper
152 100
150 156.3 122.1 183.1
115 57.0 43.2 64.8



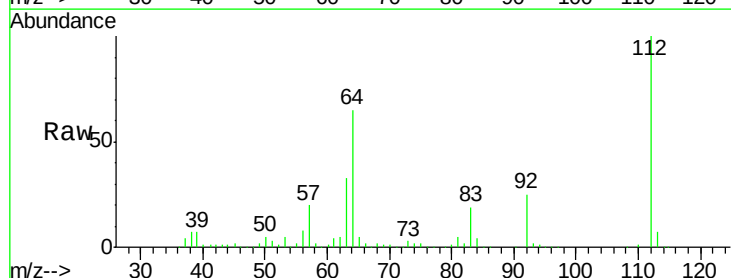
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



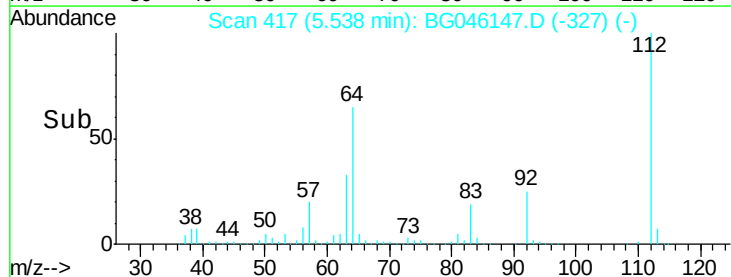
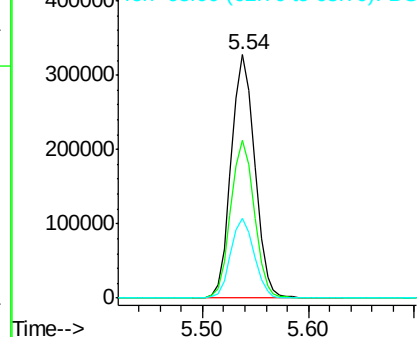
#5

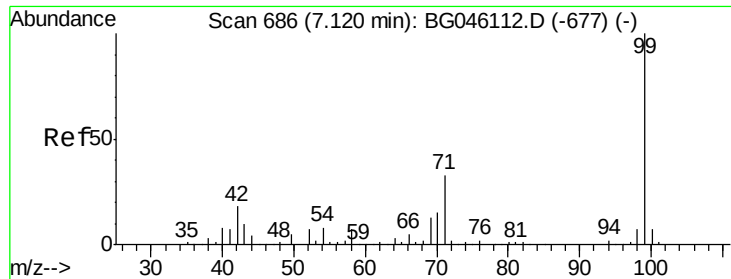
2-Fluorophenol
Concen: 107.196 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046147.D
Acq: 1 Aug 2020 6:55

Tgt Ion:112 Resp: 507788
Ion Ratio Lower Upper
112 100
64 64.7 50.2 75.2
63 32.8 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 90.641 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046147.D

Acq: 1 Aug 2020 6:55

Instrument :

BNA_G

ClientSampled :

TP-5

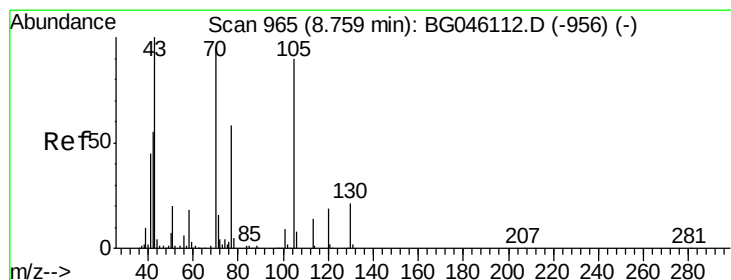
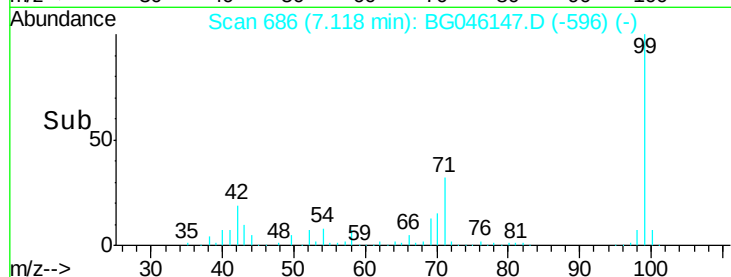
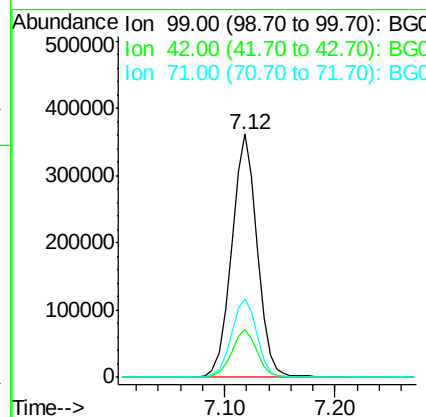
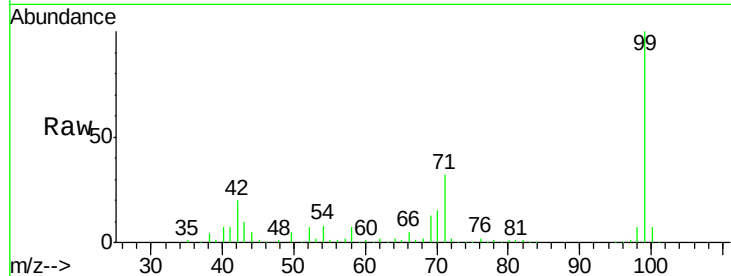
Tot Ion: 99 Resp: 585173

Ion Ratio Lower Upper

99 100

42 19.6 14.7 22.1

71 32.5 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.558 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.34 min

Lab File: BG046147.D

Acq: 1 Aug 2020 6:55

Tgt Ion: 70 Resp: 65367

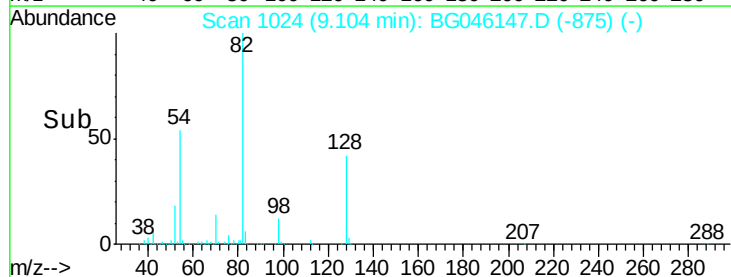
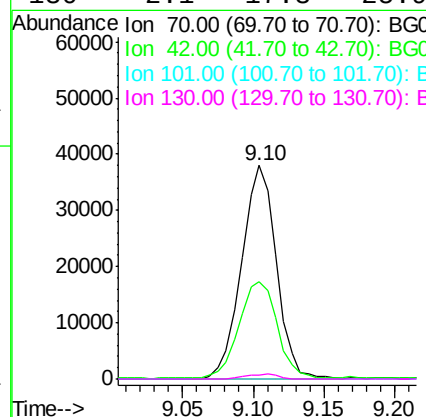
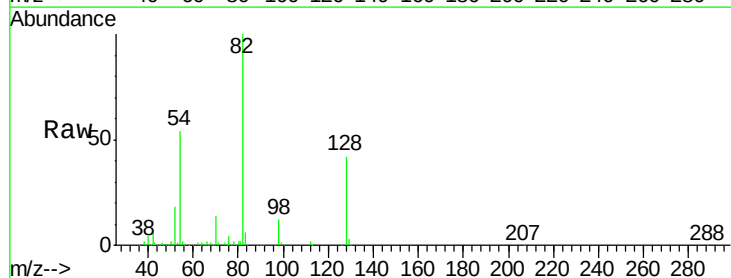
Ion Ratio Lower Upper

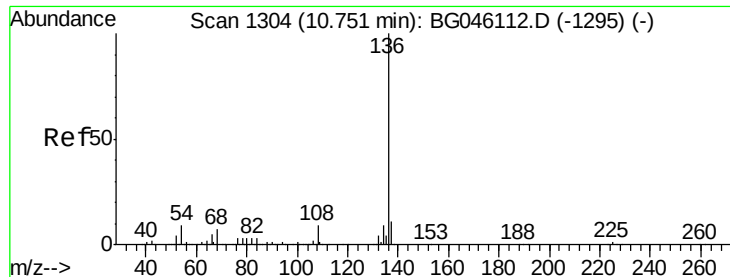
70 100

42 45.6 46.5 69.7#

101 0.0 7.6 11.4#

130 2.1 17.3 25.9#

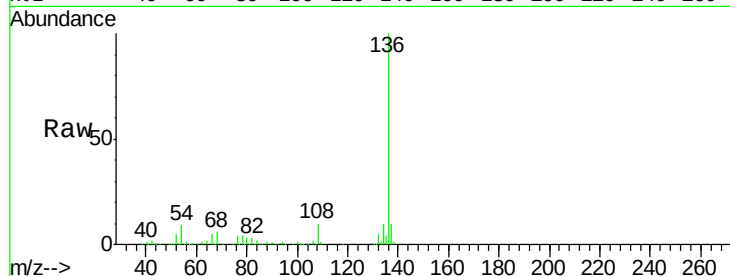




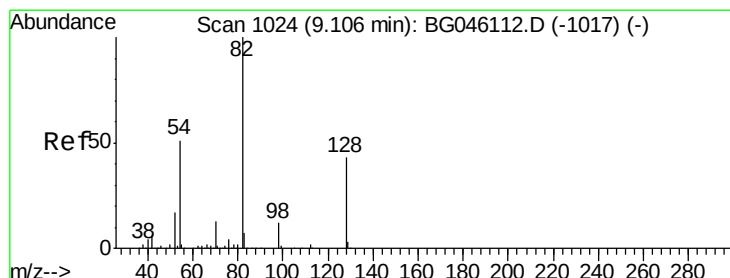
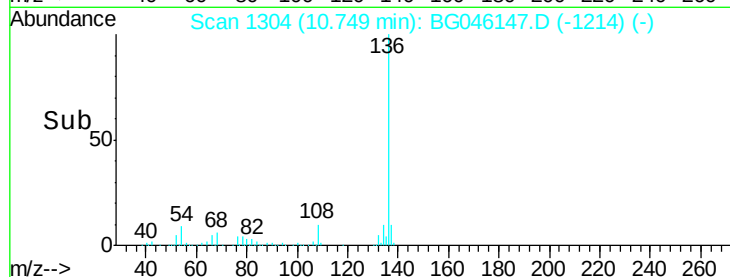
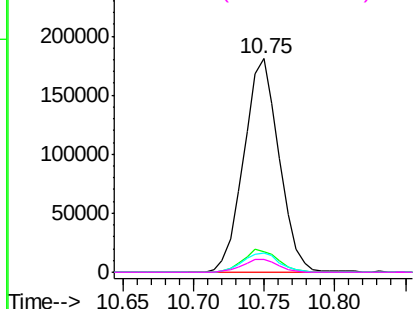
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046147.D
Acq: 1 Aug 2020 6:55

Instrument :
BNA_G
ClientSampled :
TP-5

Tot Ion:136	Resp:	317040	
Ion Ratio	Lower	Upper	
136 100			
137 9.6	8.8	13.2	
54 9.3	7.0	10.4	
68 6.2	5.3	7.9	

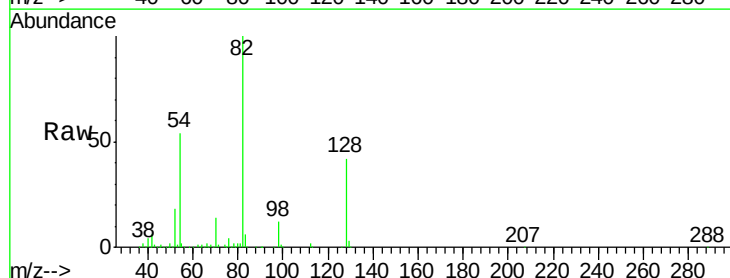


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

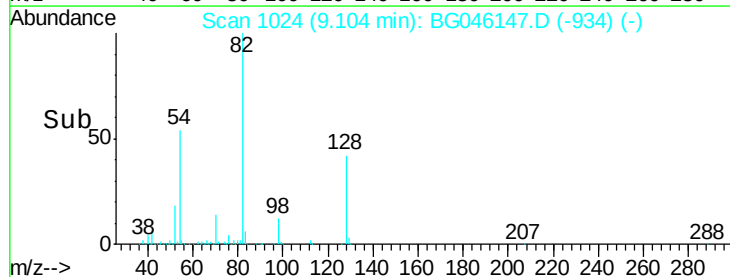
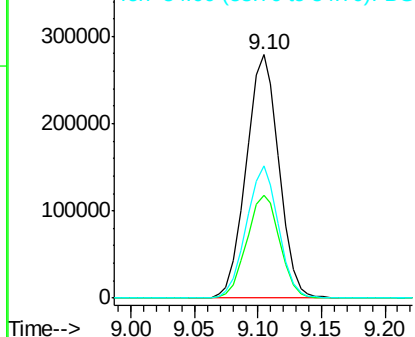


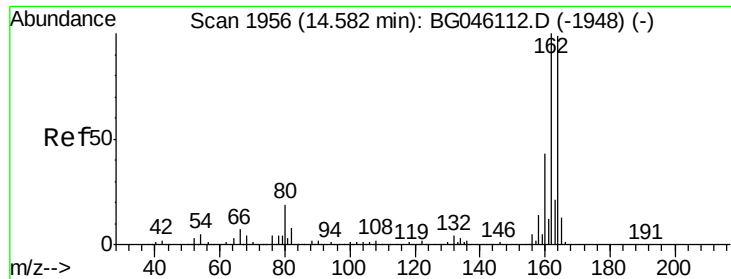
#23
Nitrobenzene-d5
Concen: 85.414 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046147.D
Acq: 1 Aug 2020 6:55

Tgt Ion: 82	Resp: 500153
Ion Ratio	Lower Upper
82 100	
128 42.3	34.4 51.6
54 54.1	40.8 61.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046147.D

Acq: 1 Aug 2020 6:55

Instrument :

BNA_G

ClientSampleId :

TP-5

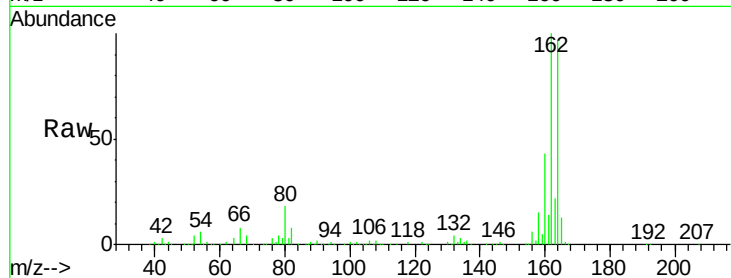
Tot Ion:164 Resp: 195904

Ion Ratio Lower Upper

164 100

162 103.5 80.6 121.0

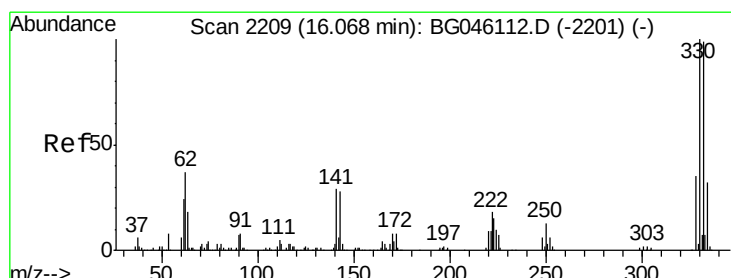
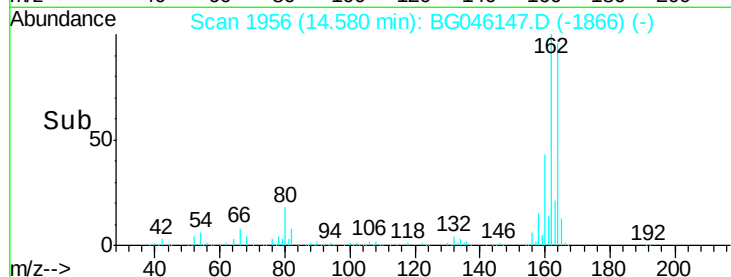
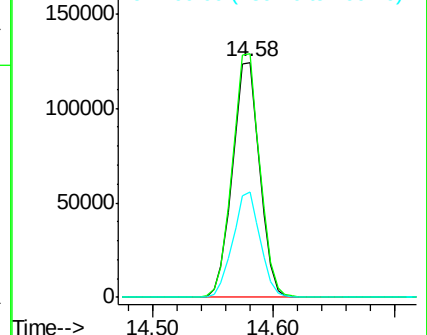
160 44.6 34.9 52.3



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: 116.394 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046147.D

Acq: 1 Aug 2020 6:55

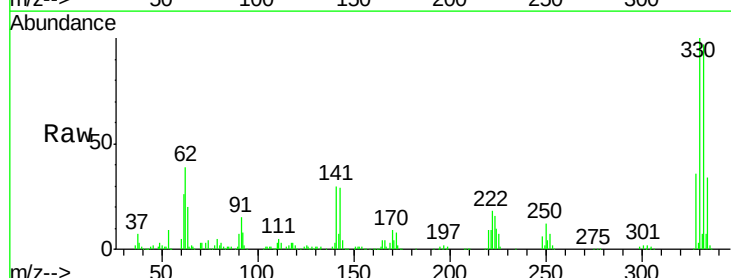
Tgt Ion:330 Resp: 350235

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

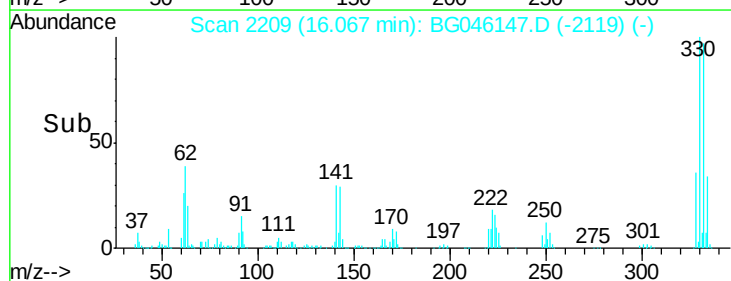
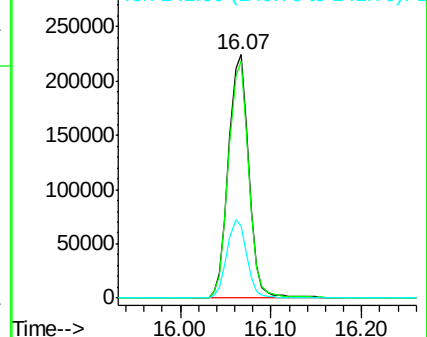
141 31.6 23.4 35.0

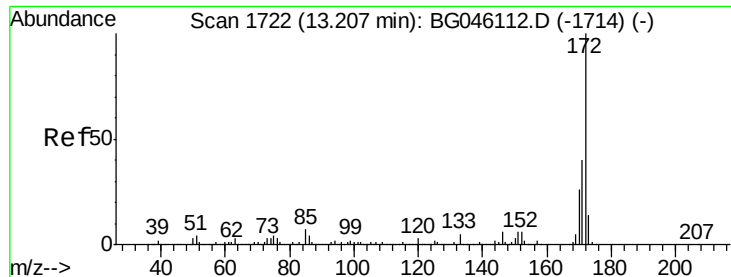


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

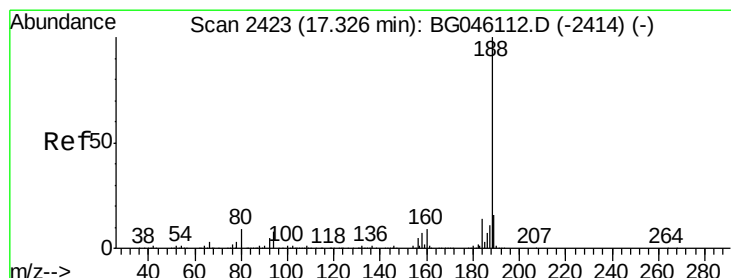
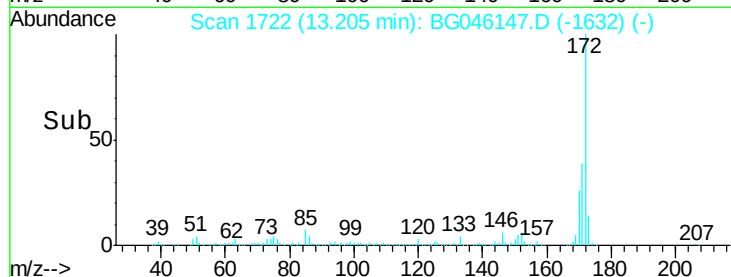
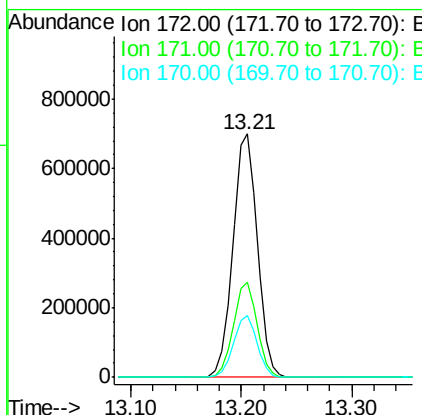
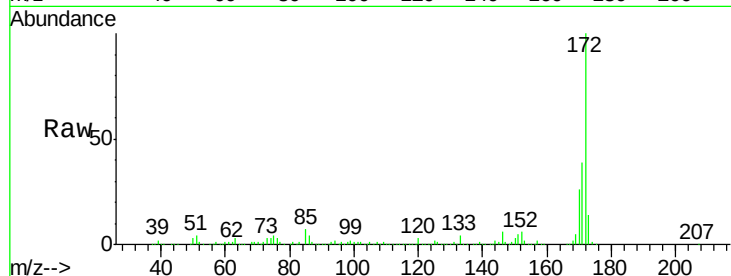




#45
 2-Fluorobiphenyl
 Concen: 80.628 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046147.D
 Acq: 1 Aug 2020 6:55

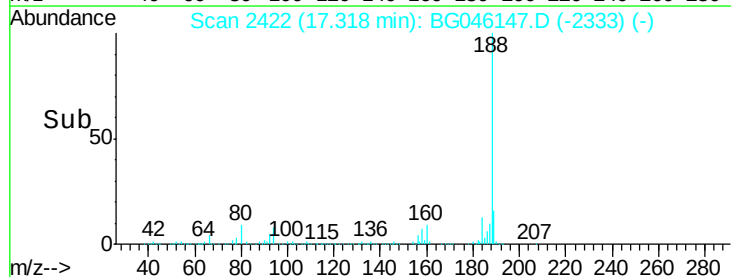
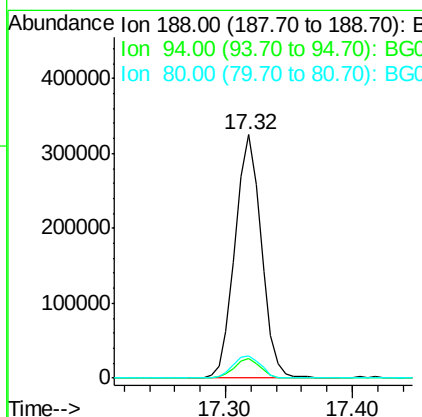
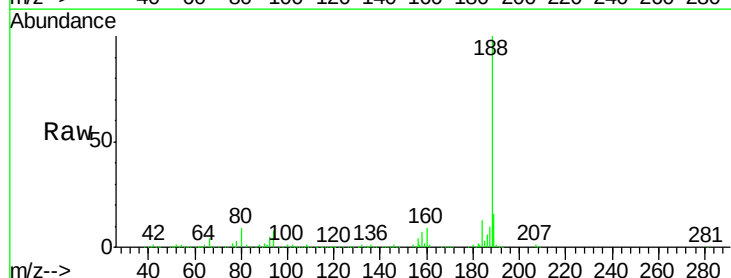
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

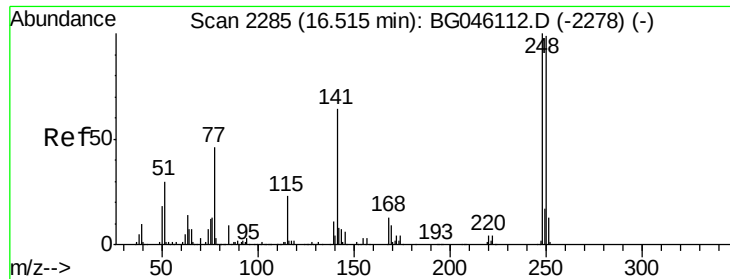
Tot Ion:172 Resp: 1087359
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.7 47.5
 170 25.6 20.9 31.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046147.D
 Acq: 1 Aug 2020 6:55

Tgt Ion:188 Resp: 466784
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.4 9.6
 80 9.3 7.4 11.0

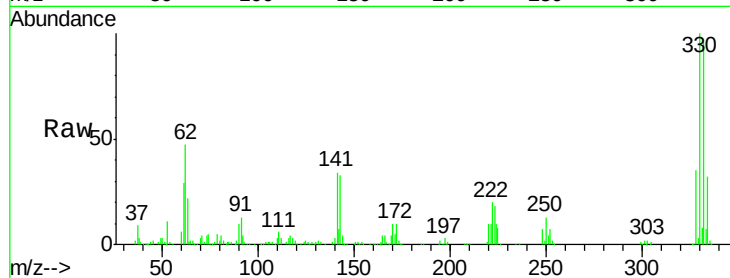




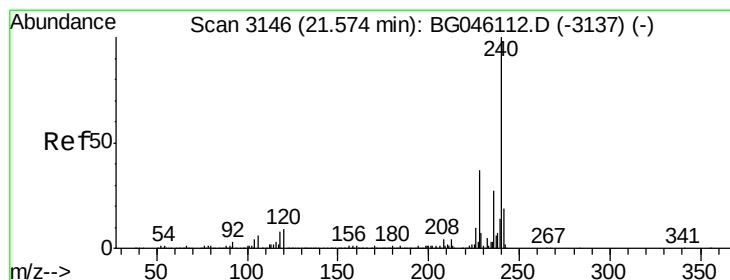
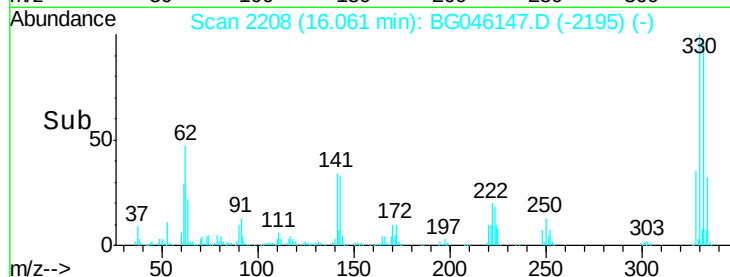
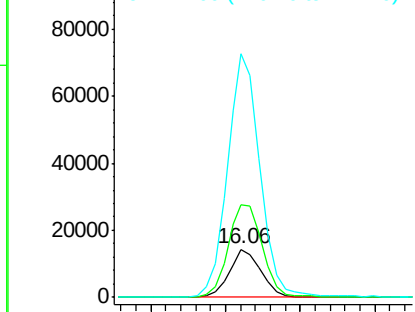
#67
4-Bromophenyl-phenylether
Concen: 3.711 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046147.D
Acq: 1 Aug 2020 6:55

Instrument :
BNA_G
ClientSampled :
TP-5

Tot Ion:248 Resp: 21398
Ion Ratio Lower Upper
248 100
250 192.2 79.4 119.0#
141 508.3 50.9 76.3#

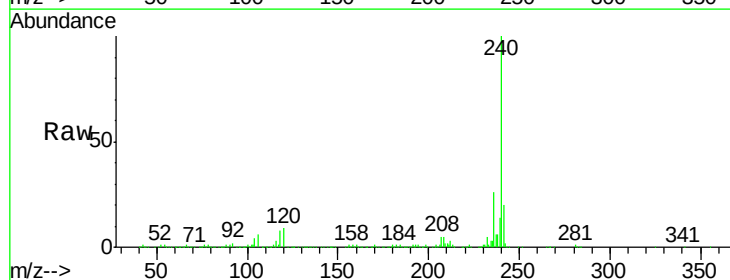


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

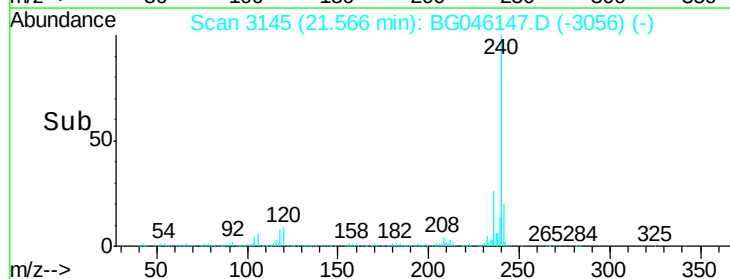
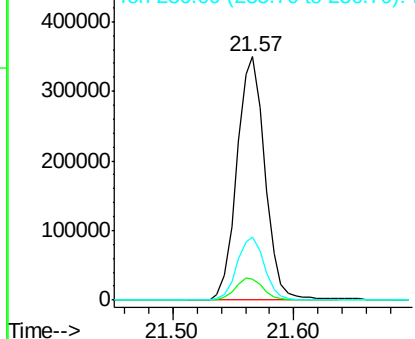


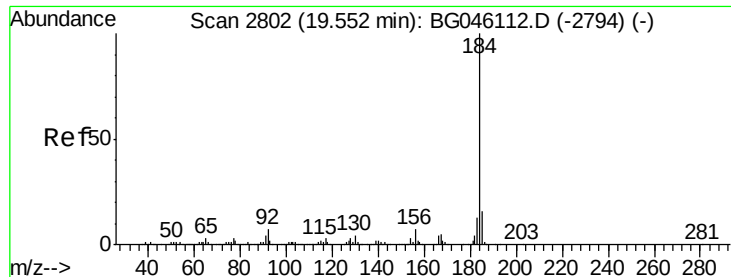
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046147.D
Acq: 1 Aug 2020 6:55

Tgt Ion:240 Resp: 567016
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 25.8 21.7 32.5



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: 2.155 ng

RT: 19.93 min Scan# 2867

Delta R.T. 0.38 min

Lab File: BG046147.D

Acq: 1 Aug 2020 6:55

Instrument :

BNA_G

ClientSampleId :

TP-5

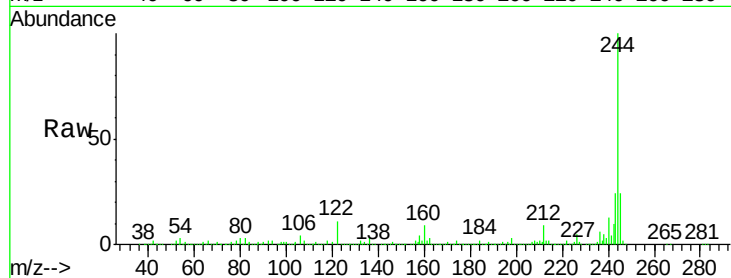
Tot Ion:184 Resp: 34608

Ion Ratio Lower Upper

184 100

185 16.5 13.0 19.4

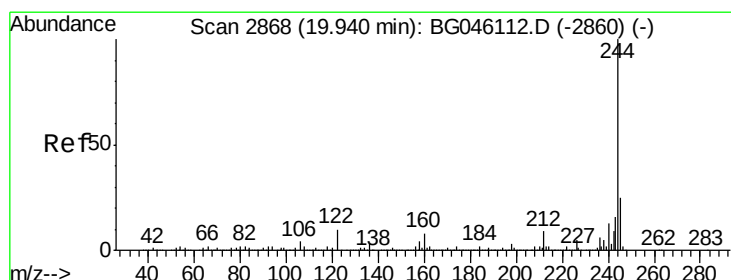
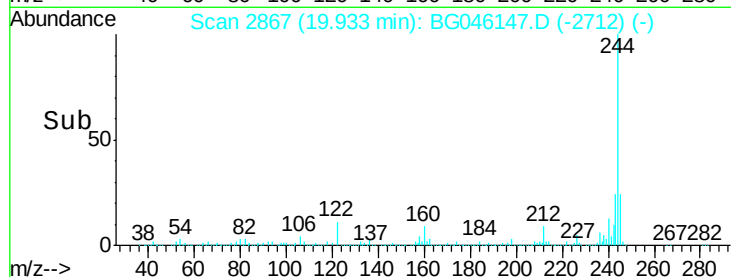
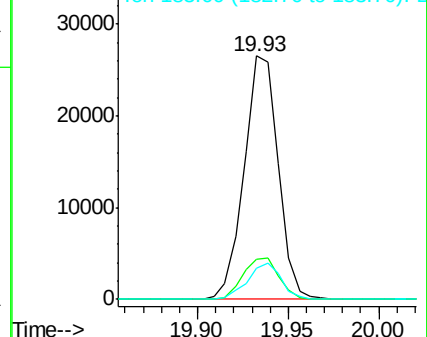
183 12.8 10.5 15.7



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: 70.154 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046147.D

Acq: 1 Aug 2020 6:55

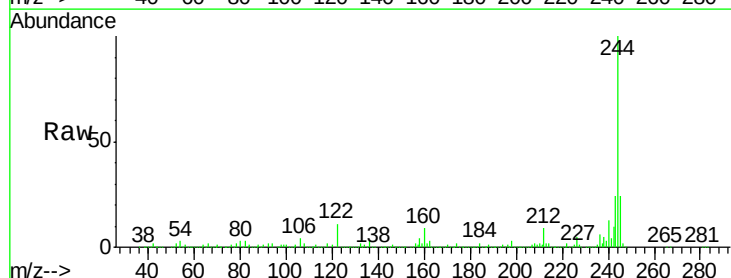
Tgt Ion:244 Resp: 1953164

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

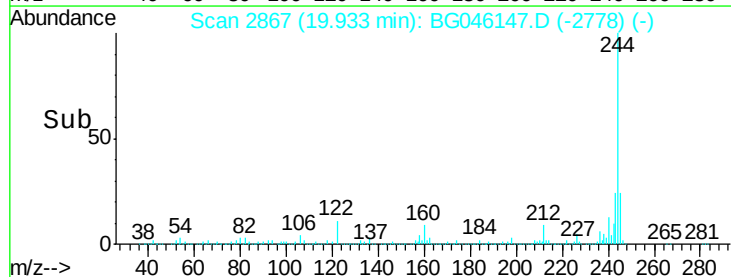
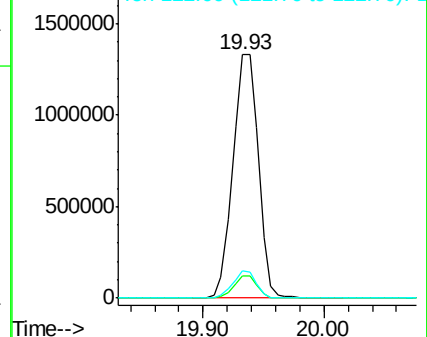
122 11.1 8.3 12.5

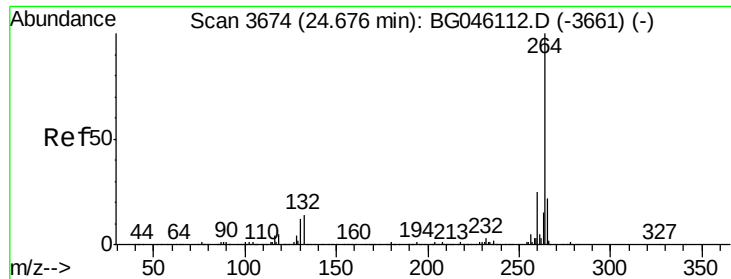


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG046147.D
Acq: 1 Aug 2020 6:55

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	21.1	17.6	26.4

