

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083019\
 Data File : BG042596.D
 Acq On : 30 Aug 2019 12:13
 Operator : HP/JU
 Sample : PB122665BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122665BL

Quant Time: Aug 30 14:22:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

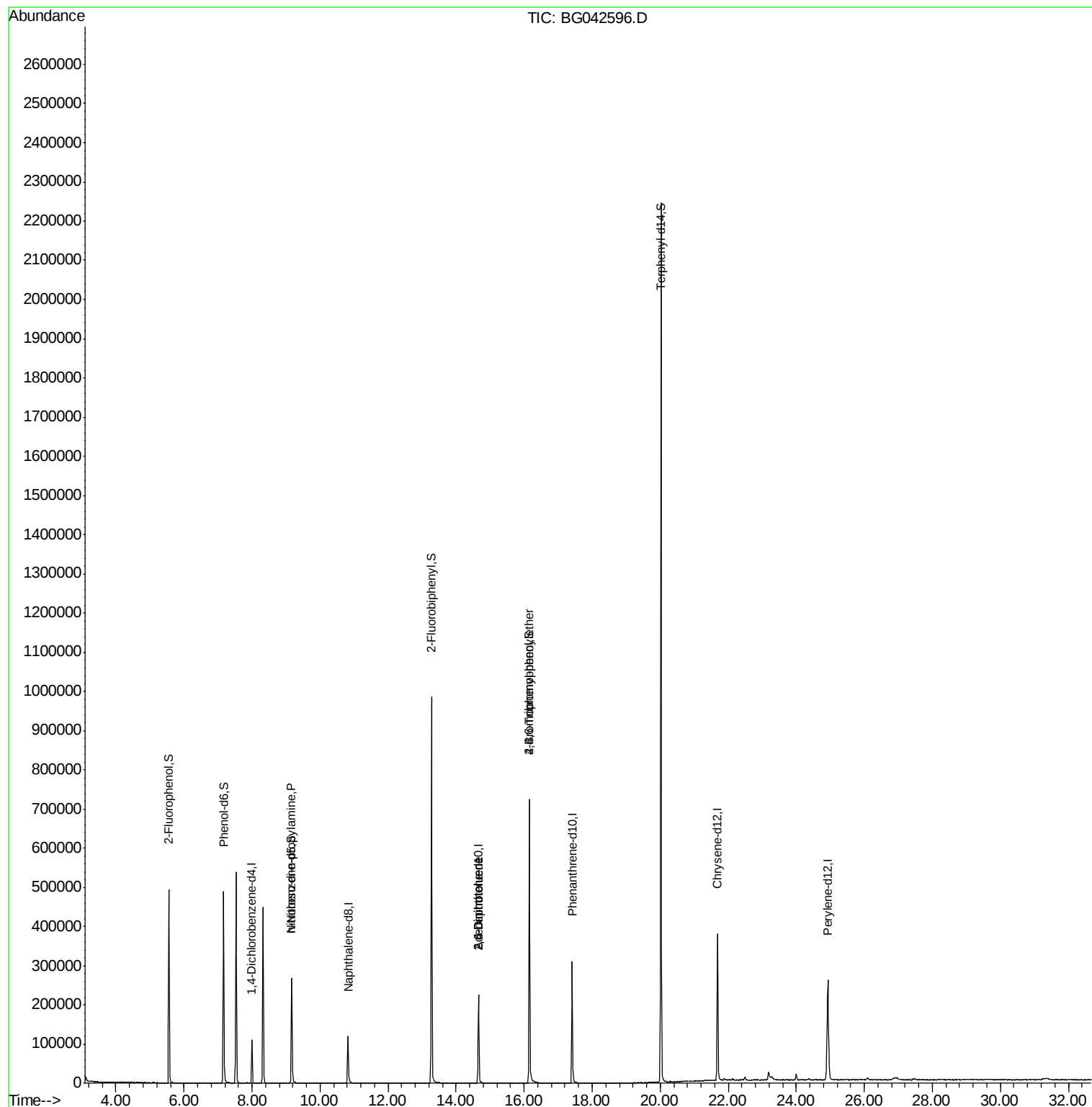
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37383	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	139953	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	103067	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	242209	20.00	ng	0.00
76) Chrysene-d12	21.68	240	272421	20.00	ng	-0.01
87) Perylene-d12	24.93	264	317708	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	250761	135.85	ng	0.00
7) Phenol-d6	7.16	99	321620	129.00	ng	0.00
23) Nitrobenzene-d5	9.16	82	182857	90.29	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	198870	135.75	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	604283	99.16	ng	0.00
79) Terphenyl-d14	20.02	244	1182746	93.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	23507	14.553	ng	# 78
51) 2,6-Dinitrotoluene	14.66	165	13770	7.988	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	13770	5.579	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13684	4.454	ng	# 1

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

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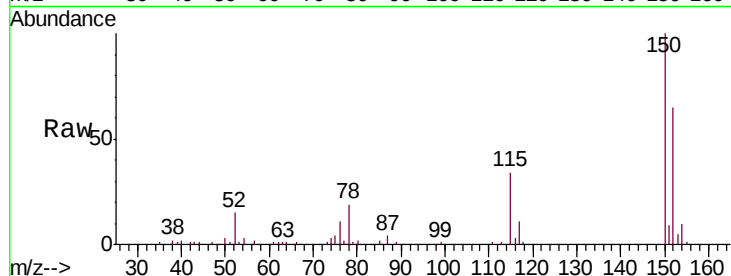


#1

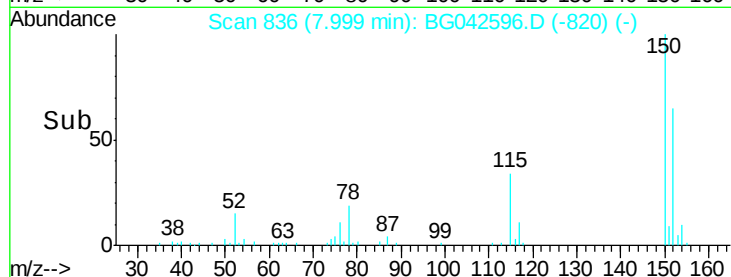
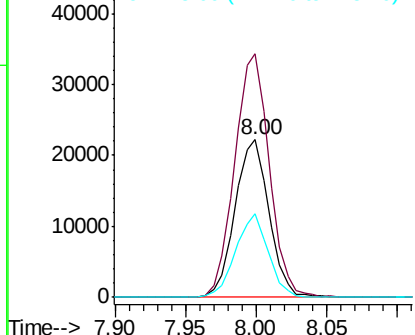
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042596.D
Acq: 30 Aug 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB122665BL

Tgt Ion:152 Resp: 37383
Ion Ratio Lower Upper
152 100
150 154.6 125.4 188.0
115 52.8 38.5 57.7



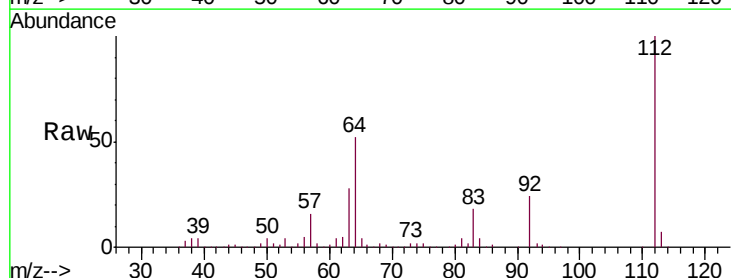
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



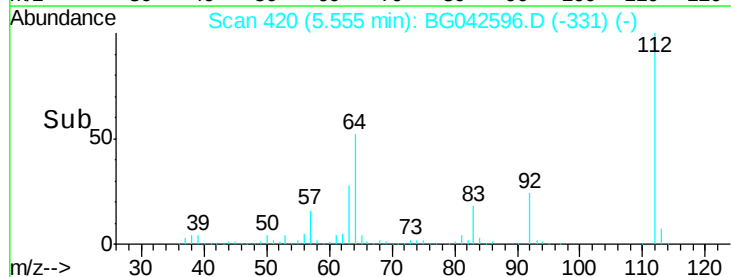
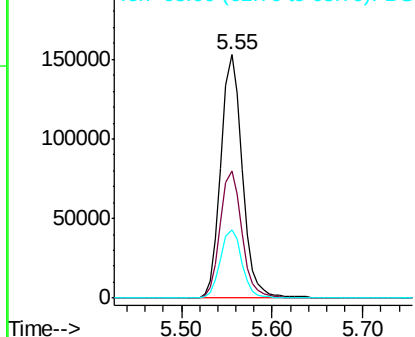
#5

2-Fluorophenol
Concen: 135.854 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042596.D
Acq: 30 Aug 2019 12:13

Tgt Ion:112 Resp: 250761
Ion Ratio Lower Upper
112 100
64 52.0 42.8 64.2
63 27.9 22.7 34.1



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: 128.995 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042596.D

Acq: 30 Aug 2019 12:13

Instrument :

BNA_G

ClientSampleId :

PB122665BL

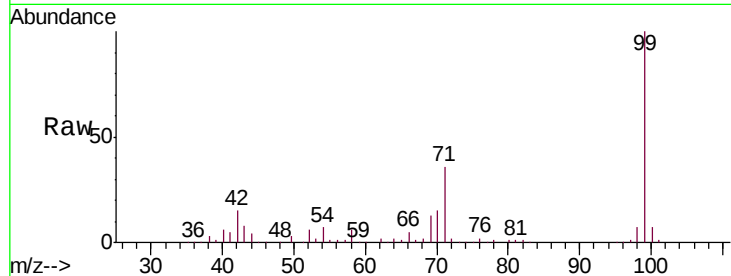
Tgt Ion: 99 Resp: 321620

Ion Ratio Lower Upper

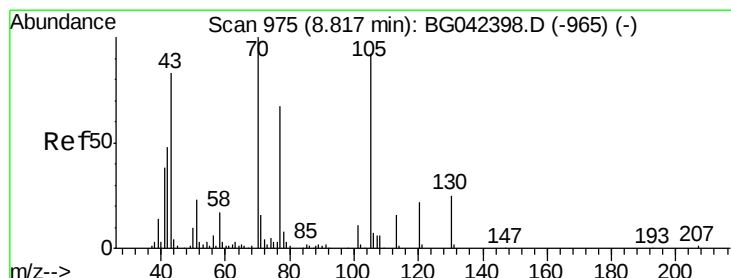
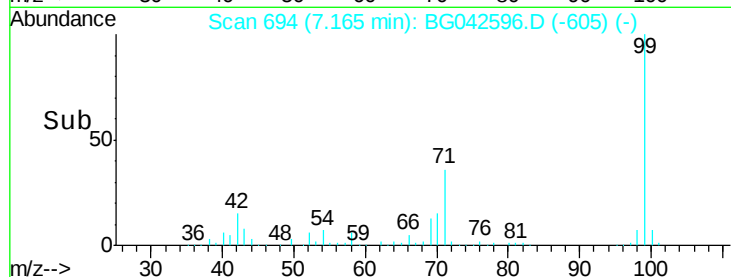
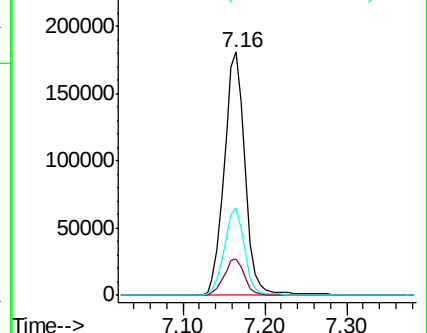
99 100

42 15.1 12.0 18.0

71 36.1 26.3 39.5



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: 14.553 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.35 min

Lab File: BG042596.D

Acq: 30 Aug 2019 12:13

Tgt Ion: 70 Resp: 23507

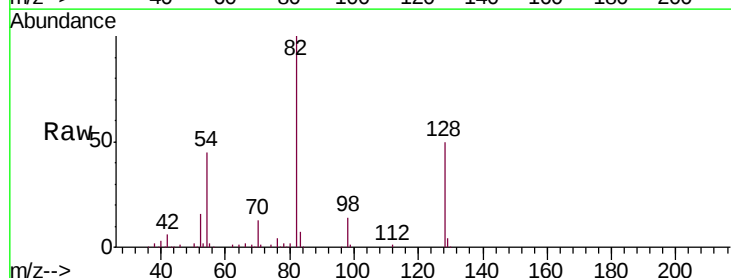
Ion Ratio Lower Upper

70 100

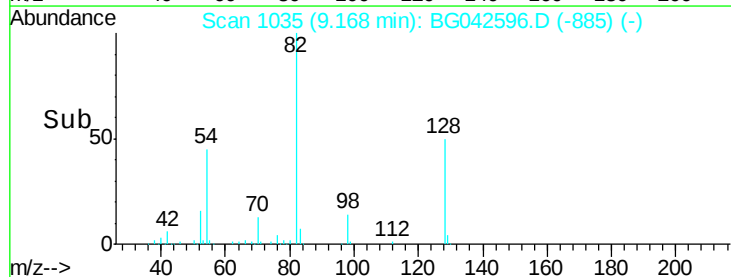
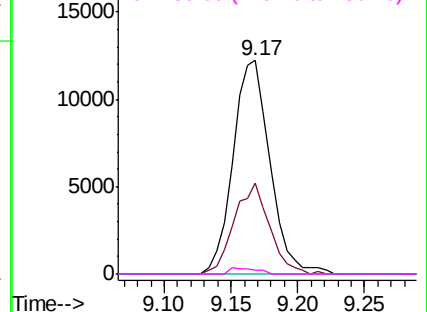
42 42.6 38.8 58.2

101 0.0 9.0 13.6#

130 2.0 20.0 30.0#



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

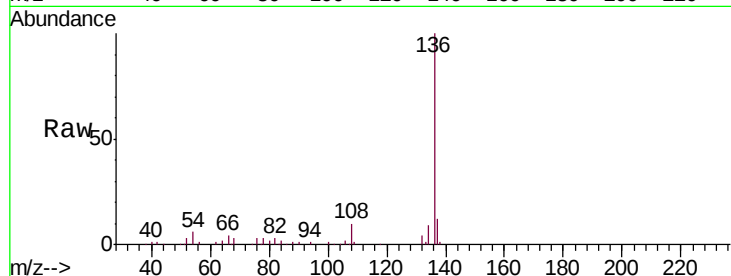




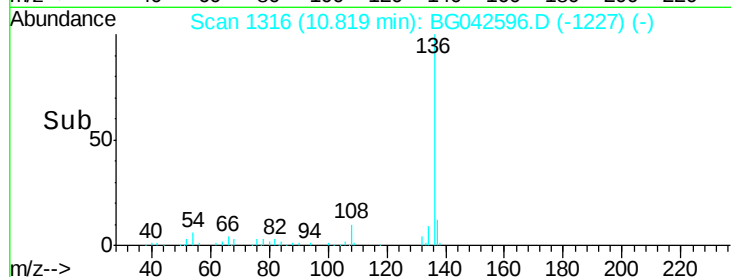
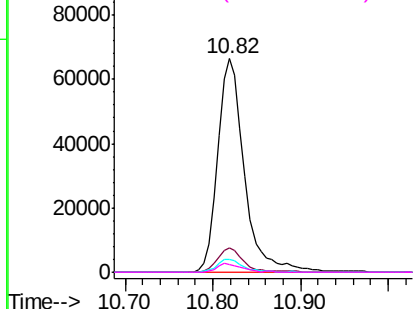
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042596.D
Acq: 30 Aug 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB122665BL

Tgt Ion:	136	Resp:	139953
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	6.0	4.9	7.3
68	3.4	3.6	5.4#

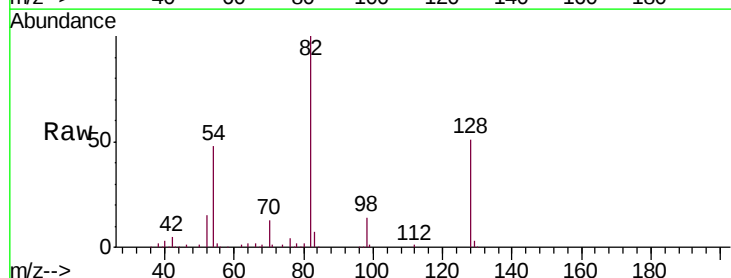


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

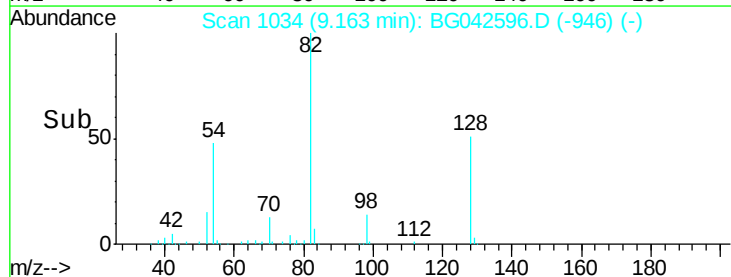
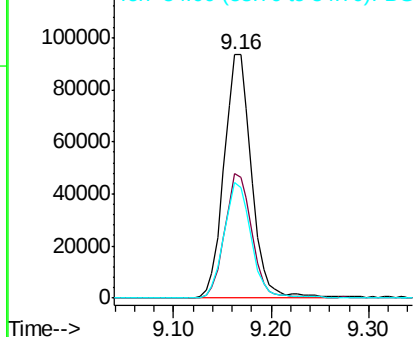


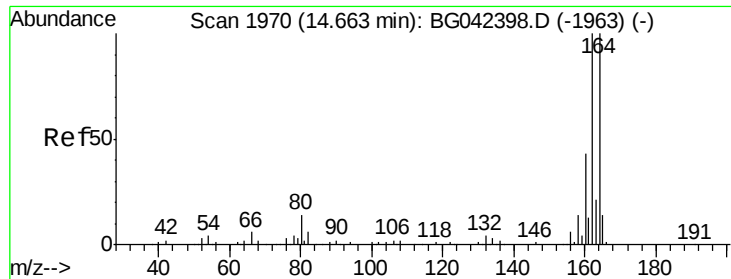
#23
Nitrobenzene-d5
Concen: 90.289 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042596.D
Acq: 30 Aug 2019 12:13

Tgt Ion:	82	Resp:	182857
Ion	Ratio	Lower	Upper
82	100		
128	51.1	40.7	61.1
54	47.7	36.3	54.5



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: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042596.D

Acq: 30 Aug 2019 12:13

Instrument :

BNA_G

ClientSampleId :

PB122665BL

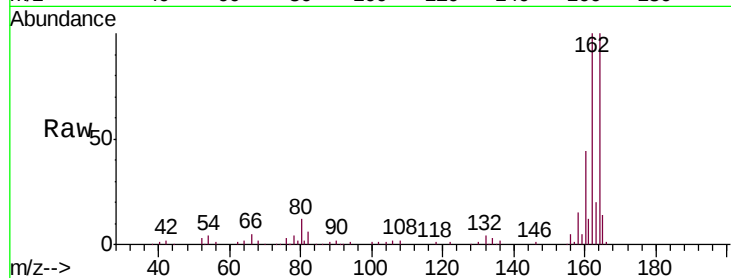
Tgt Ion:164 Resp: 103067

Ion Ratio Lower Upper

164 100

162 99.5 79.9 119.9

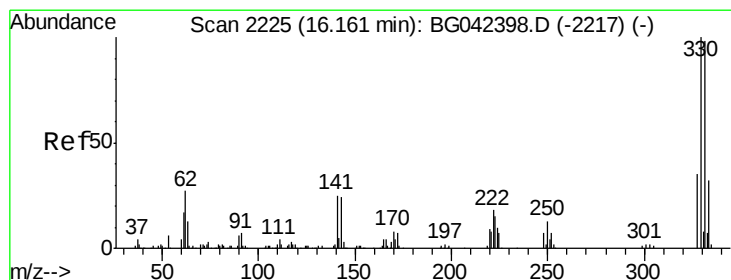
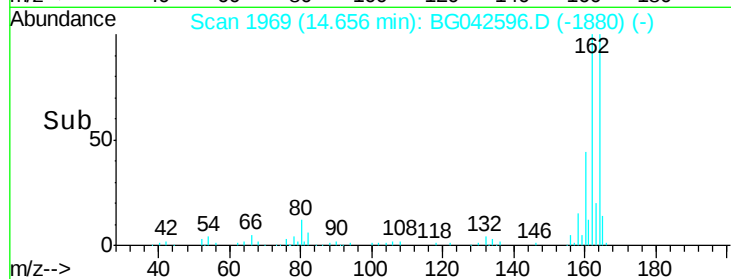
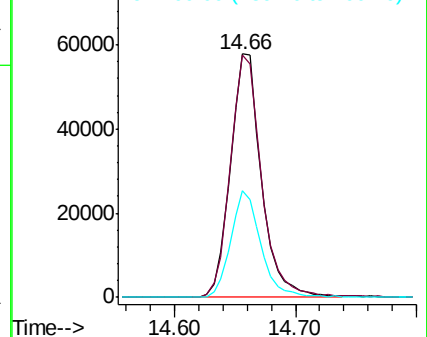
160 43.7 34.3 51.5



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: 135.754 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042596.D

Acq: 30 Aug 2019 12:13

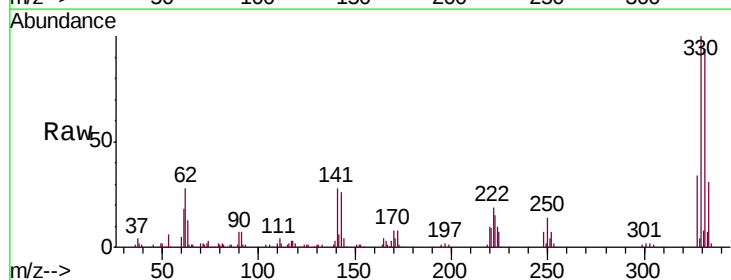
Tgt Ion:330 Resp: 198870

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

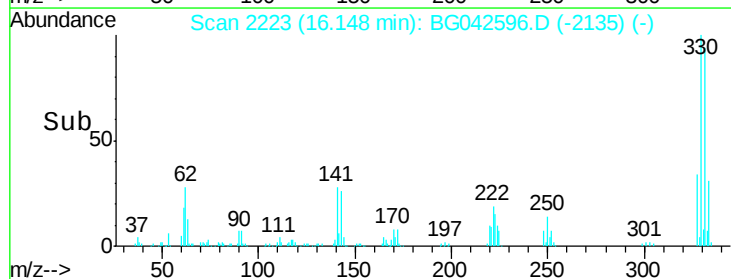
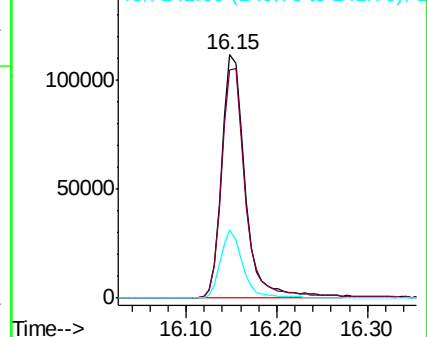
141 26.1 21.4 32.0



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

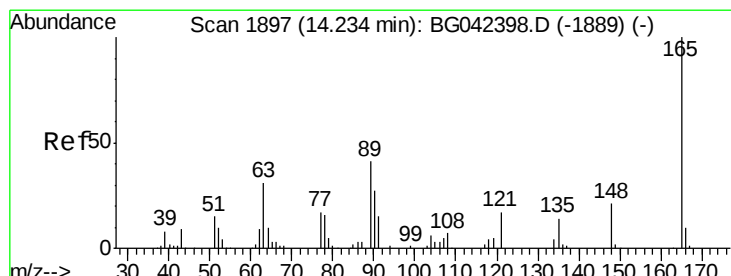
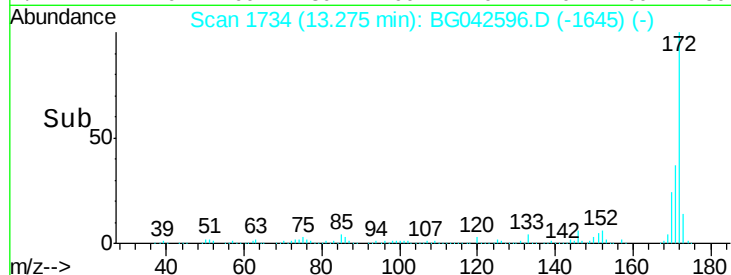
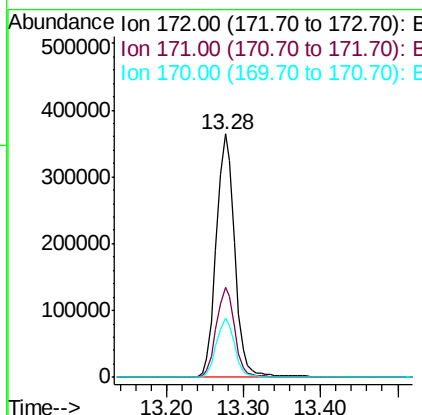
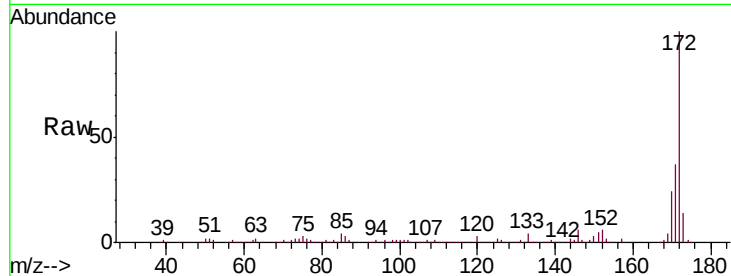




#45
 2-Fluorobiphenyl
 Concen: 99.160 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042596.D
 Acq: 30 Aug 2019 12:13

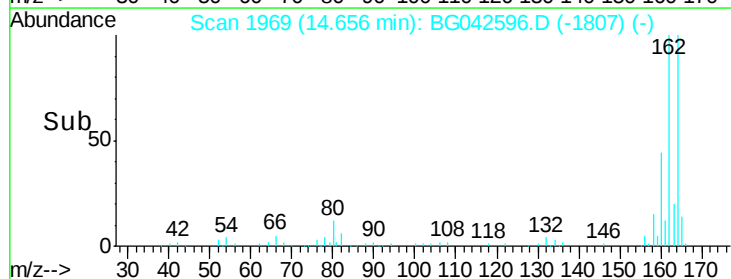
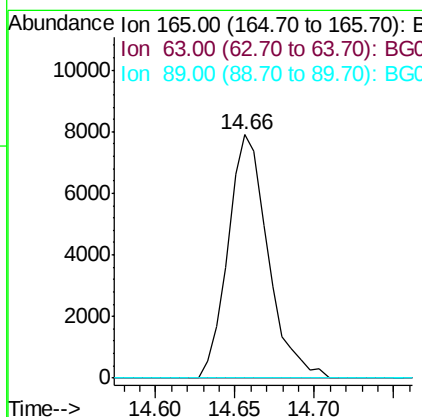
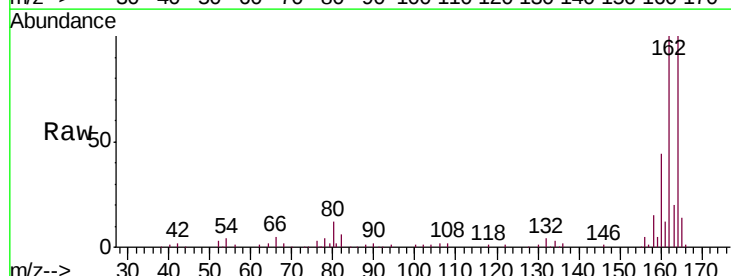
Instrument :
 BNA_G
 ClientSampleId :
 PB122665BL

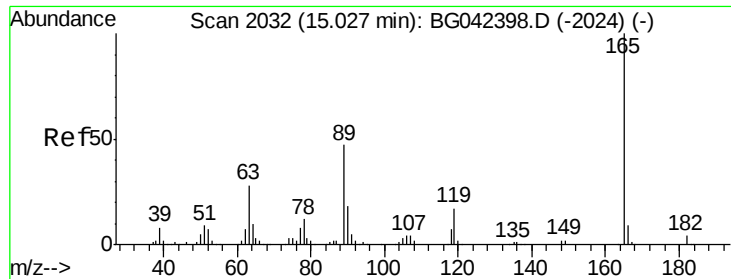
Tgt Ion:172 Resp: 604283
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.5 45.7
 170 24.1 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.988 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.42 min
 Lab File: BG042596.D
 Acq: 30 Aug 2019 12:13

Tgt Ion:165 Resp: 13770
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.6 45.8#
 89 0.0 32.6 49.0#

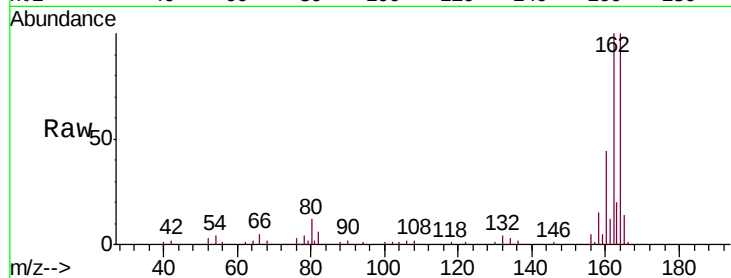




#57
 2,4-Dinitrotoluene
 Concen: 5.579 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042596.D
 Acq: 30 Aug 2019 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB122665BL

Tgt Ion:	165	Resp:	13770
Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#

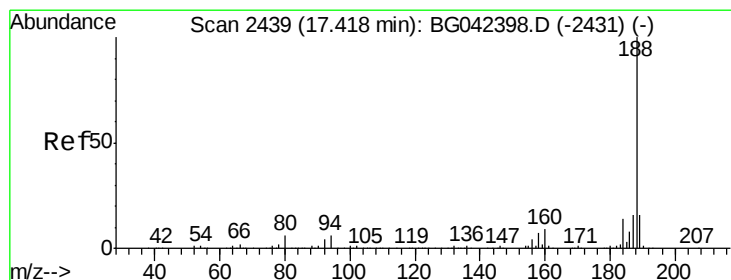
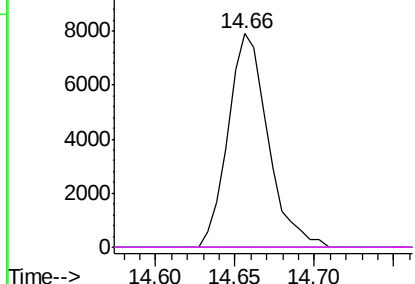
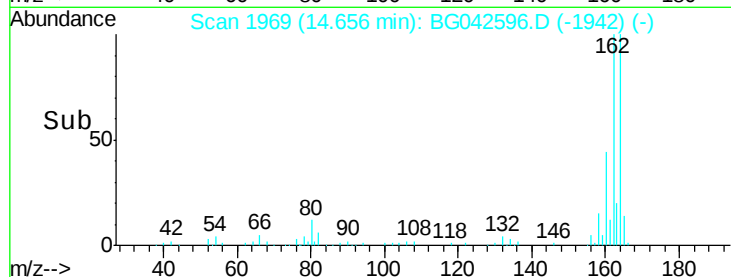


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

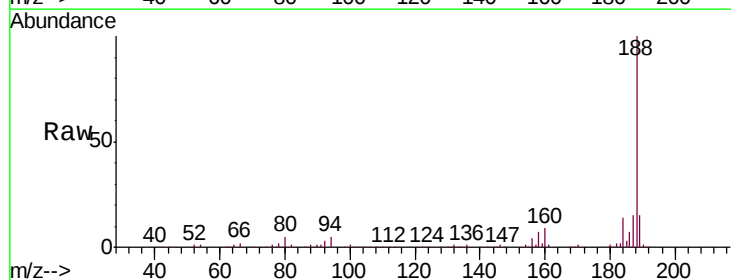
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042596.D
 Acq: 30 Aug 2019 12:13

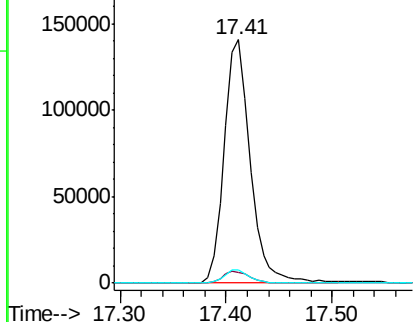
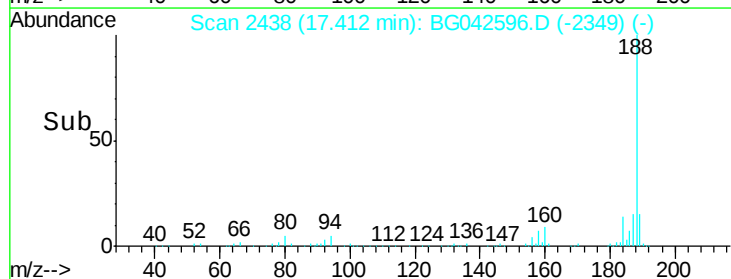
Tgt Ion:	188	Resp:	242209
Ion	Ratio	Lower	Upper
188	100		
94	4.6	4.5	6.7
80	5.4	4.9	7.3

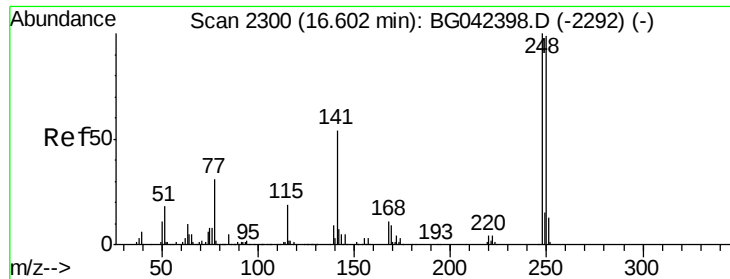


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 4.454 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.45 min

Lab File: BG042596.D

Acq: 30 Aug 2019 12:13

Instrument :

BNA_G

ClientSampleId :

PB122665BL

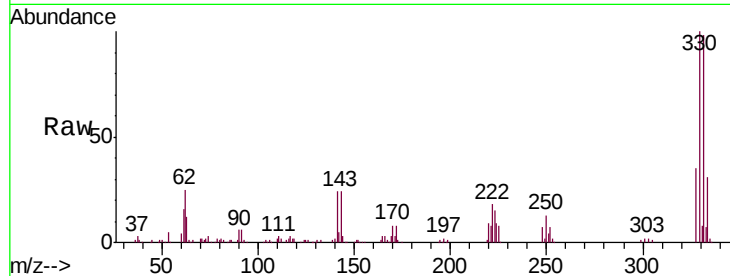
Tgt Ion:248 Resp: 13684

Ion Ratio Lower Upper

248 100

250 181.9 78.9 118.3#

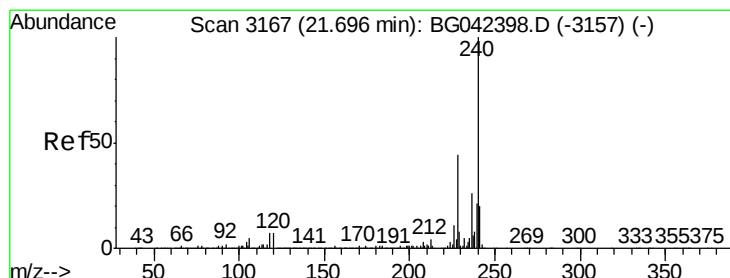
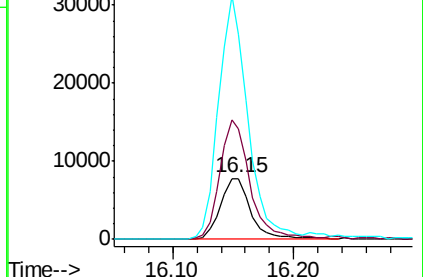
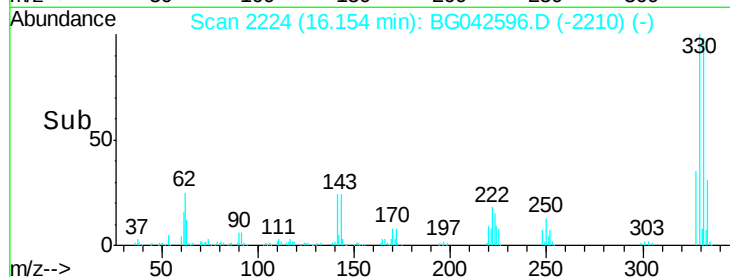
141 335.9 43.3 64.9#



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: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042596.D

Acq: 30 Aug 2019 12:13

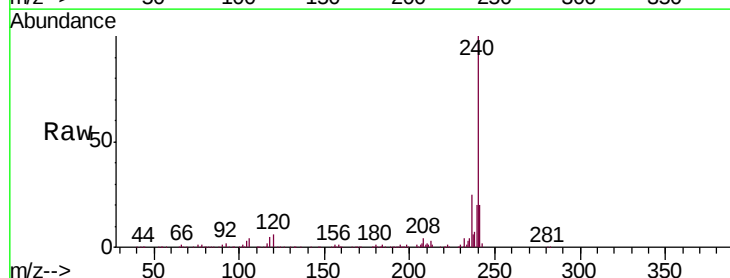
Tgt Ion:240 Resp: 272421

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

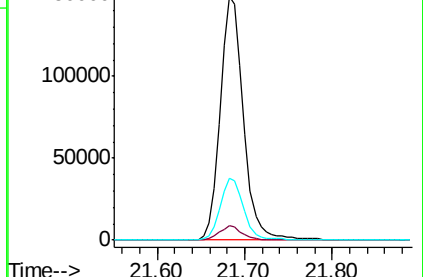
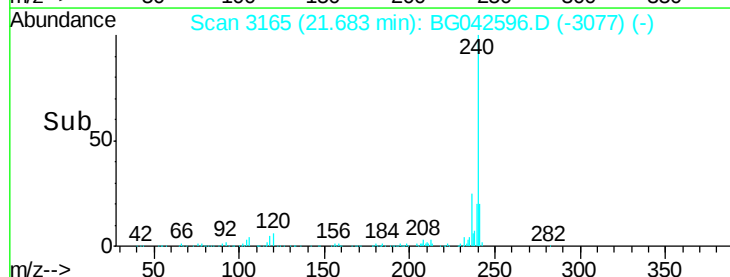
236 25.4 21.0 31.4

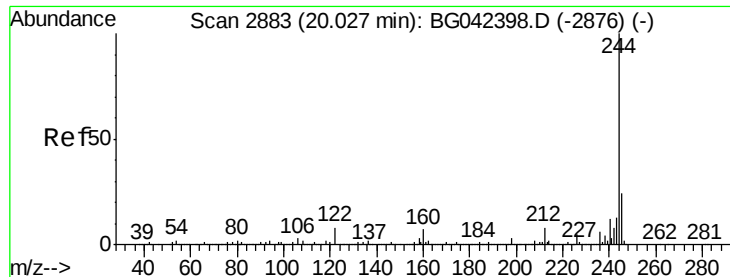


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.862 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042596.D

Acq: 30 Aug 2019 12:13

Instrument :

BNA_G

ClientSampleId :

PB122665BL

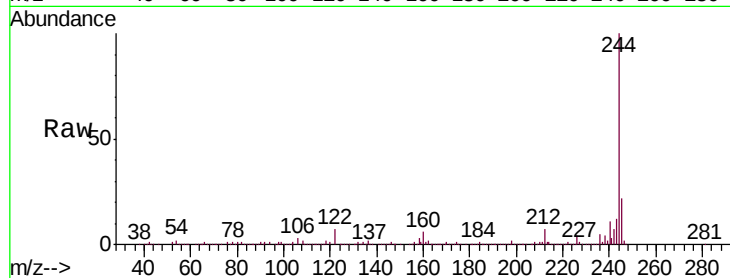
Tgt Ion:244 Resp: 1182746

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

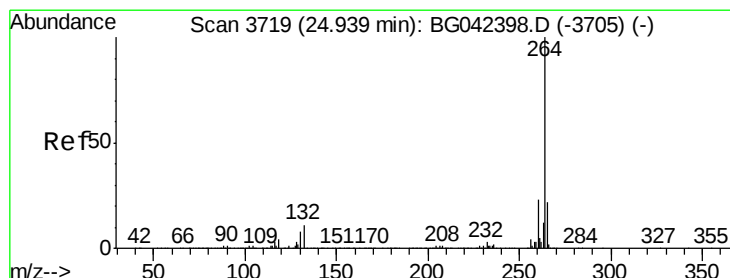
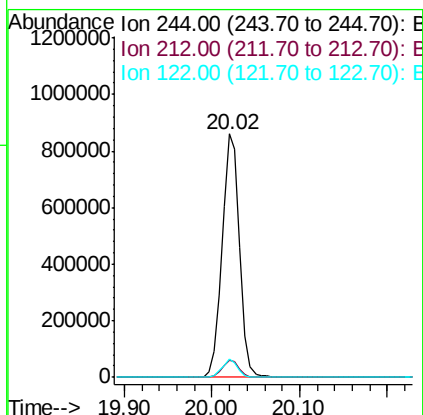
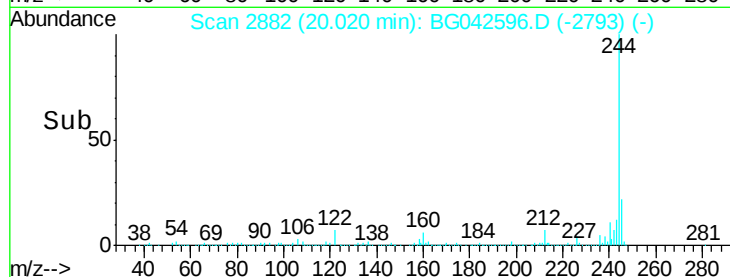
122 7.5 6.7 10.1



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: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042596.D

Acq: 30 Aug 2019 12:13

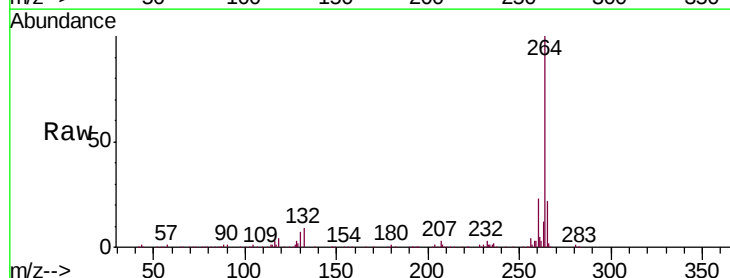
Tgt Ion:264 Resp: 317708

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.4 17.6 26.4



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

