

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042763.D
 Acq On : 7 Sep 2019 00:59
 Operator : HP/JU
 Sample : K4693-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 02:13:29 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

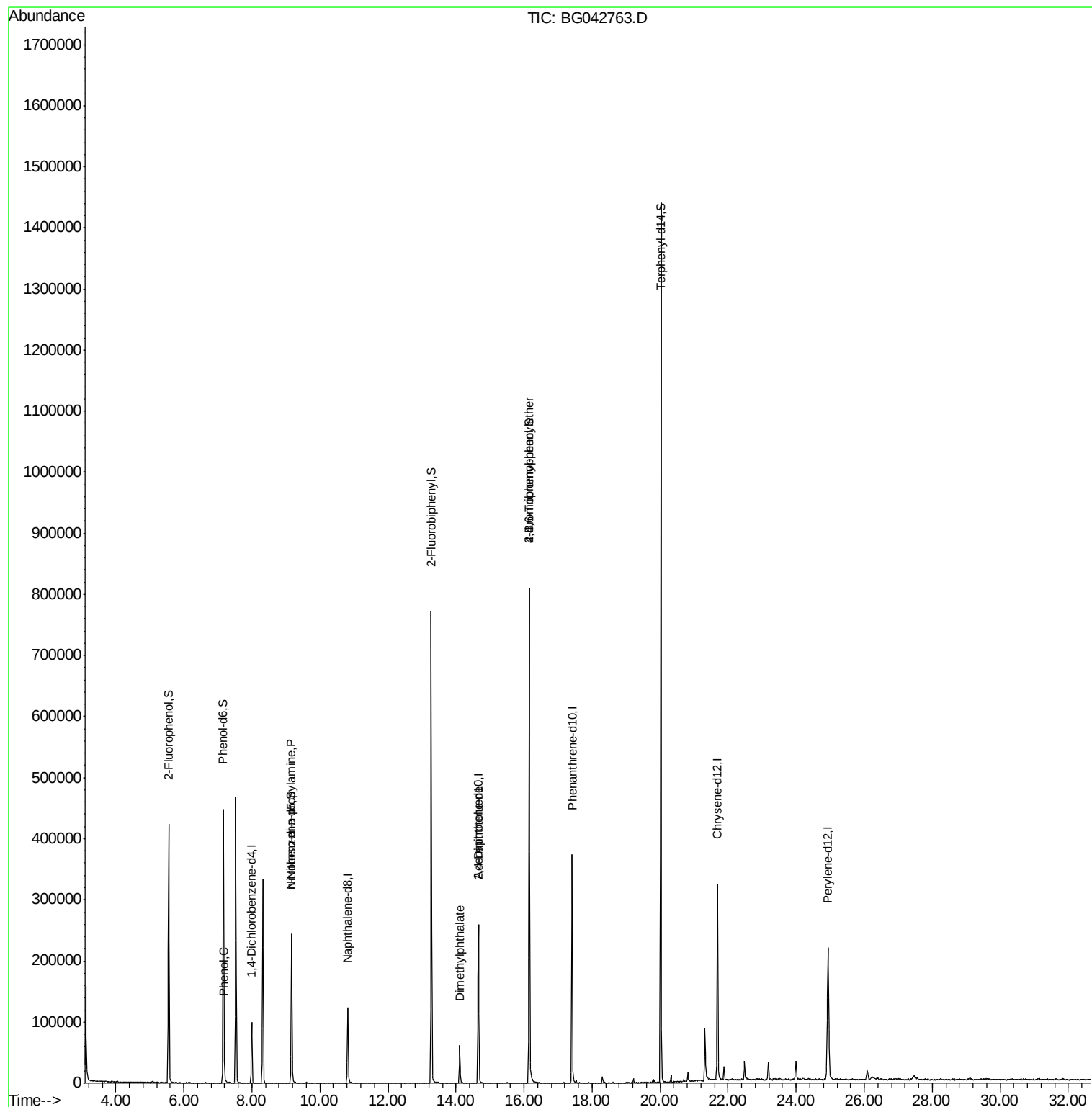
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33352	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	134857	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	111932	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	278130	20.00	ng	0.00
76) Chrysene-d12	21.69	240	221504	20.00	ng	0.00
87) Perylene-d12	24.94	264	268689	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	210689	127.94	ng	0.00
7) Phenol-d6	7.16	99	288417	129.66	ng	0.00
23) Nitrobenzene-d5	9.17	82	160194	82.09	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	211935	133.21	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	466527	70.49	ng	0.00
79) Terphenyl-d14	20.02	244	811604	79.21	ng	0.00
Target Compounds						
10) Phenol	7.19	94	7318	3.236	ng	80
19) n-Nitroso-di-n-propylamine	9.17	70	20780	14.420	ng	# 80
50) Dimethylphthalate	14.11	163	59907	7.418	ng	100
57) 2,4-Dinitrotoluene	14.65	165	14174	5.287	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	14013	3.972	ng	# 1

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

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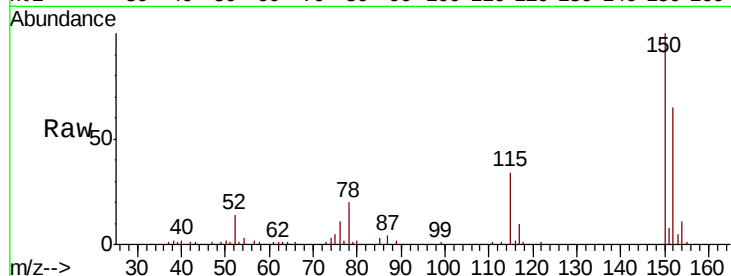


#1

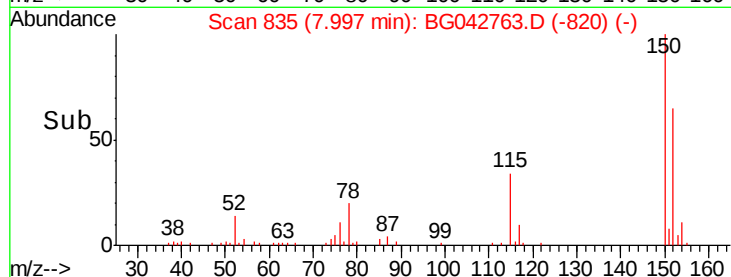
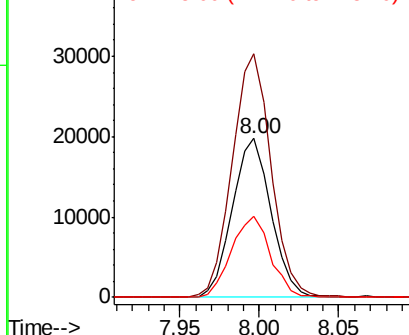
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042763.D
 Acq: 7 Sep 2019 00:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 33352
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.4 188.0
 115 51.4 38.5 57.7



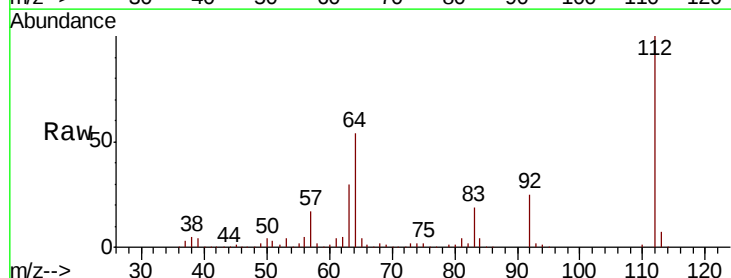
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



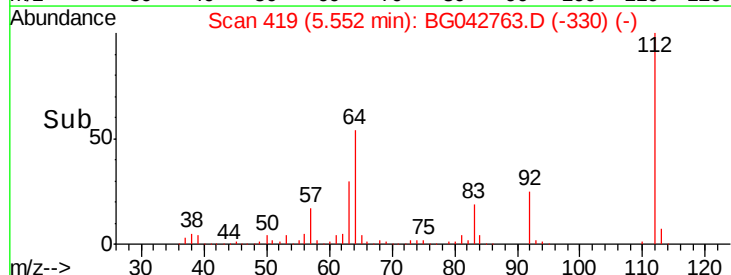
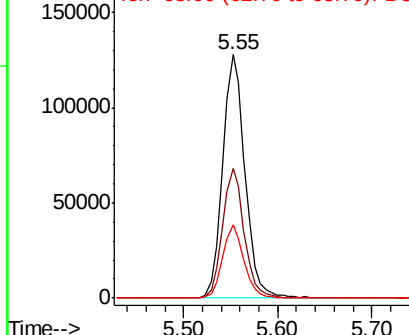
#5

2-Fluorophenol
 Concen: 127.940 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042763.D
 Acq: 7 Sep 2019 00:59

Tgt Ion:112 Resp: 210689
 Ion Ratio Lower Upper
 112 100
 64 53.5 42.8 64.2
 63 29.9 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: 129.659 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042763.D

Acq: 7 Sep 2019 00:59

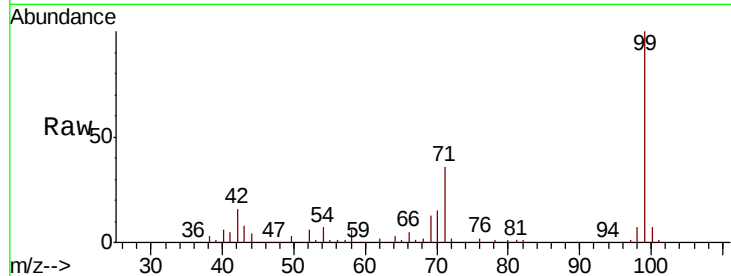
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 288417

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.0	18.0
71	36.5	26.3	39.5

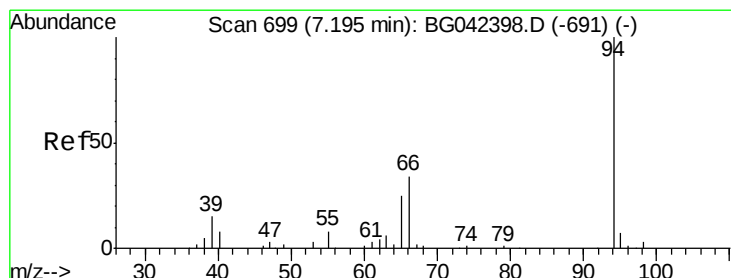
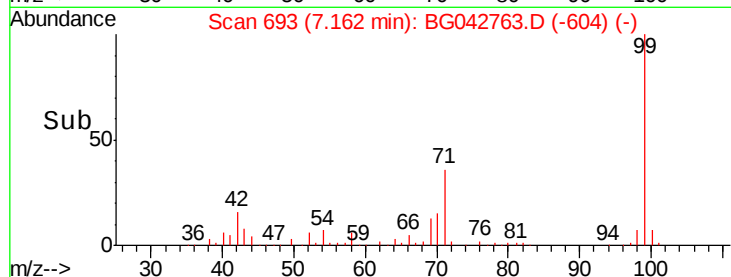
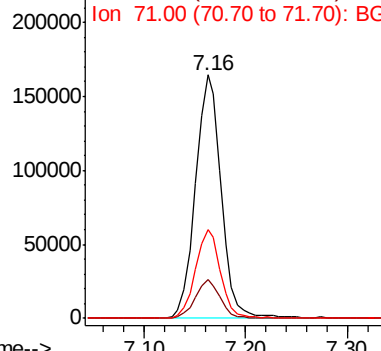


Abundance

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



#10

Phenol

Concen: 3.236 ng

RT: 7.19 min Scan# 698

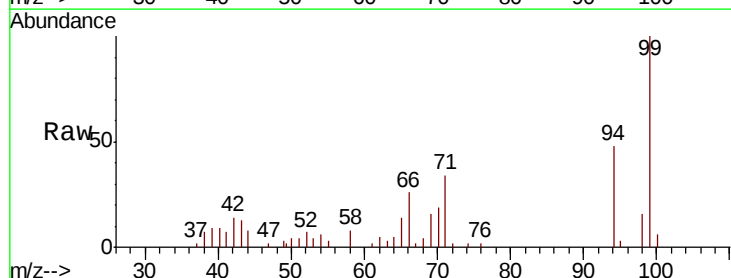
Delta R.T. -0.00 min

Lab File: BG042763.D

Acq: 7 Sep 2019 00:59

Tgt Ion: 94 Resp: 7318

Ion	Ratio	Lower	Upper
94	100		
65	28.3	5.6	45.6
66	53.8	16.0	56.0

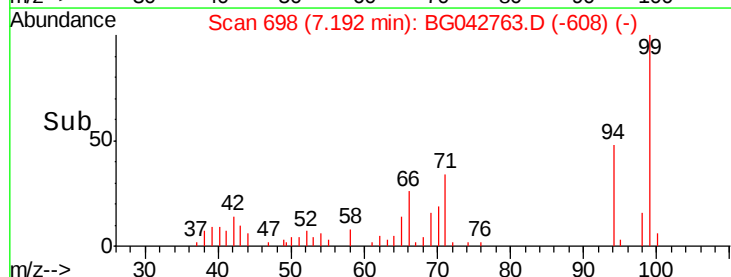
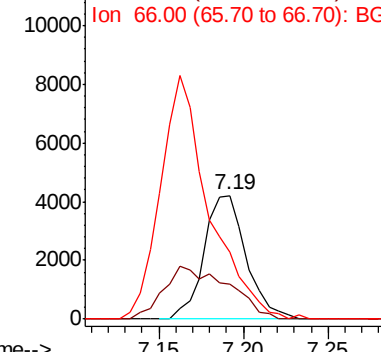


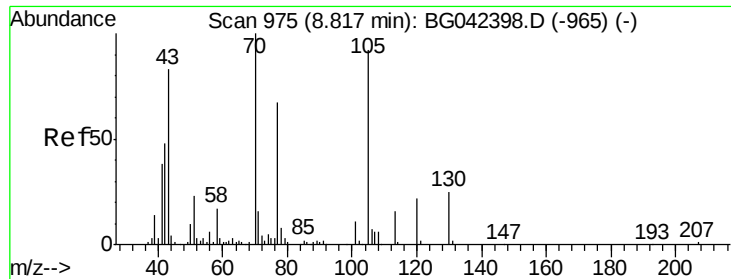
Abundance

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

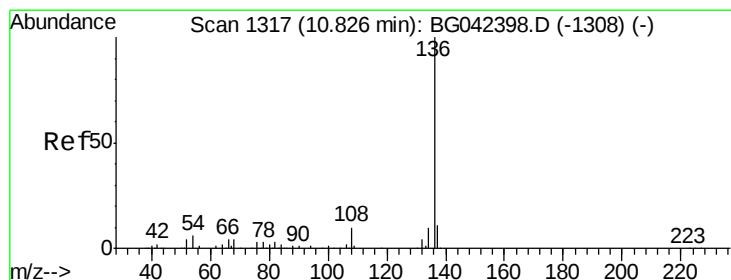
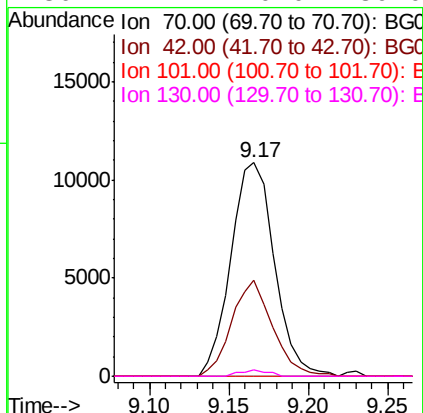
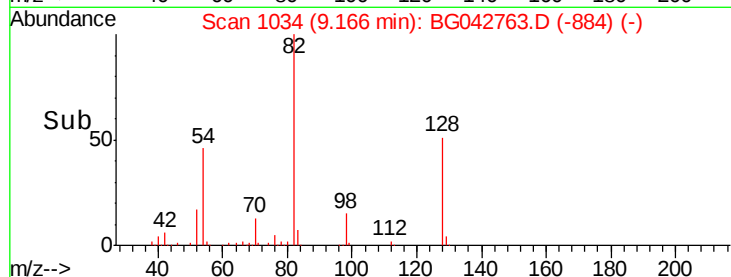
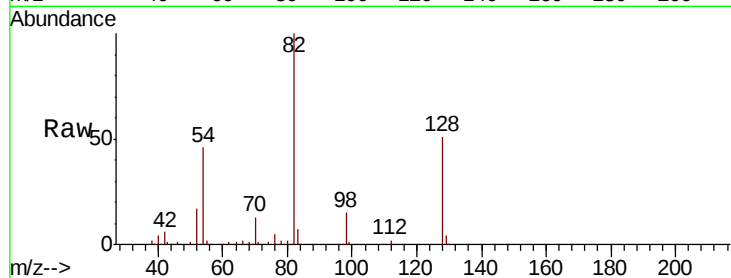




#19
n-Nitroso-di-n-propylamine
Concen: 14.420 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042763.D
Acq: 7 Sep 2019 00:59

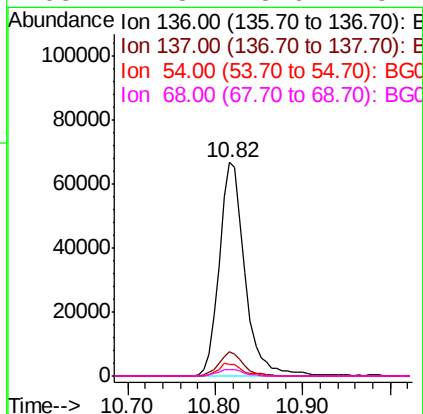
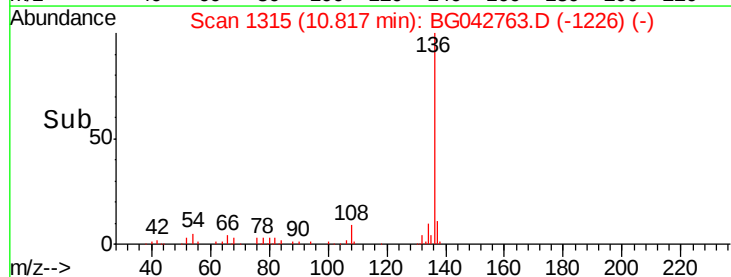
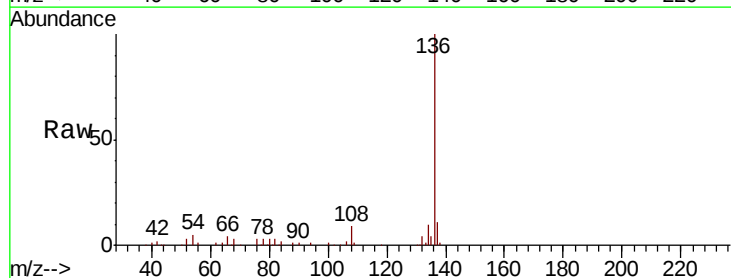
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 20780
Ion Ratio Lower Upper
70 100
42 45.2 38.8 58.2
101 0.0 9.0 13.6#
130 2.7 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042763.D
Acq: 7 Sep 2019 00:59

Tgt Ion:136 Resp: 134857
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 5.4 4.9 7.3
68 2.8 3.6 5.4#

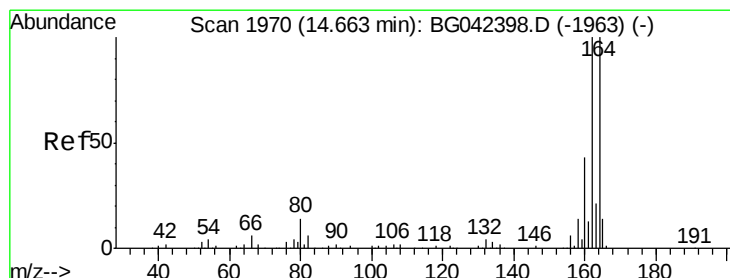
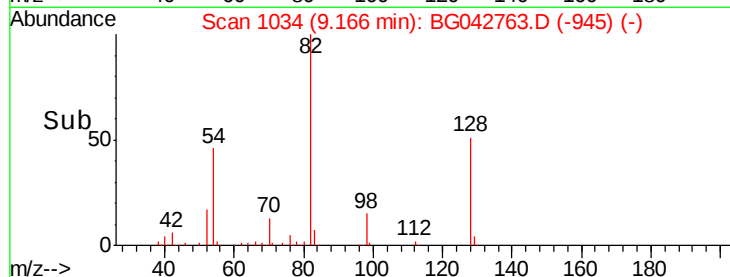
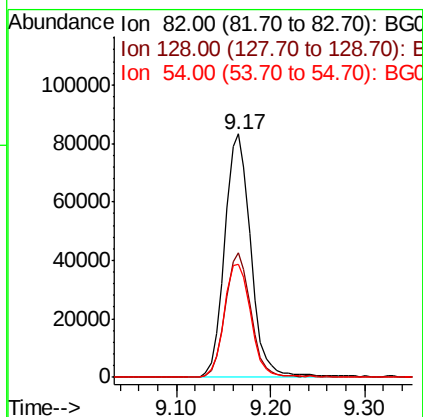
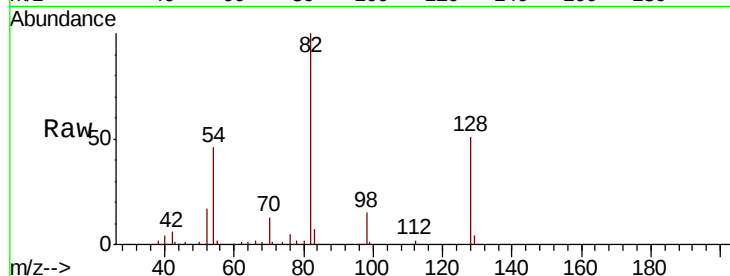




#23
 Nitrobenzene-d5
 Concen: 82.087 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042763.D
 Acq: 7 Sep 2019 00:59

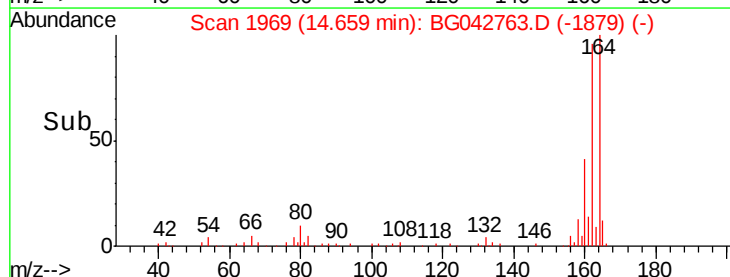
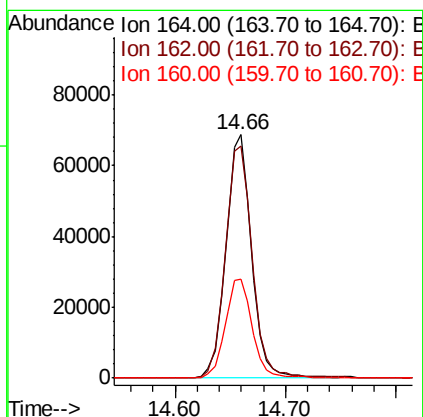
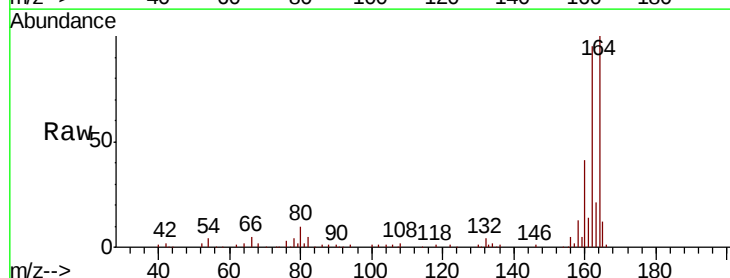
Instrument :
 BNA_G
 ClientSampled :

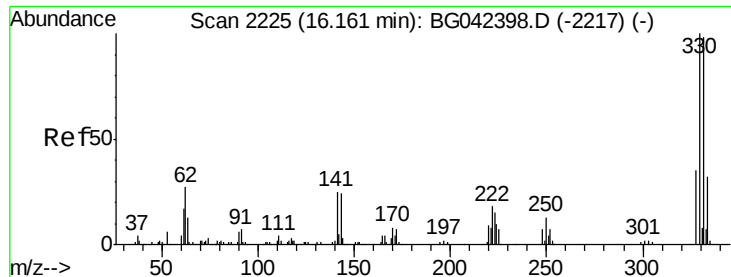
Tot Ion	82.00	Resp	160194
Ion Ratio	Lower	Upper	
82	100		
128	51.4	40.7	61.1
54	46.4	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG042763.D
 Acq: 7 Sep 2019 00:59

Tgt Ion	164	Resp	111932
Ion Ratio	Lower	Upper	
164	100		
162	95.3	79.9	119.9
160	40.7	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 133.215 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042763.D

Acq: 7 Sep 2019 00:59

Instrument :

BNA_G

ClientSampleId :

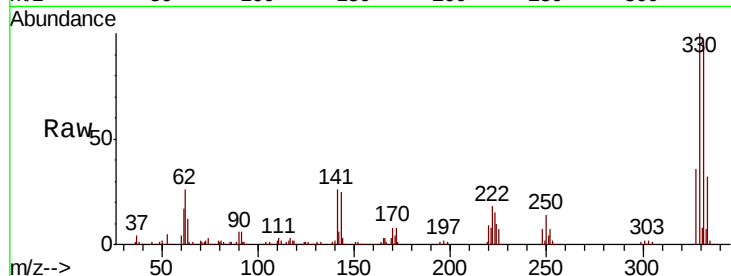
Tot Ion:330 Resp: 211935

Ion Ratio Lower Upper

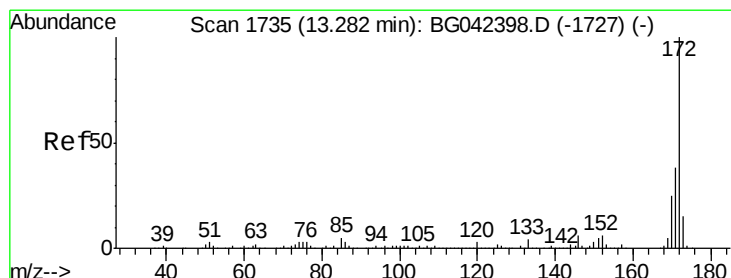
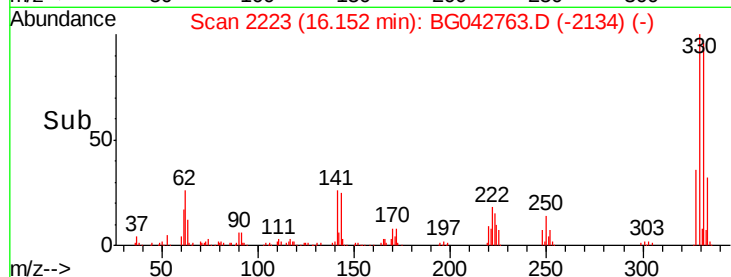
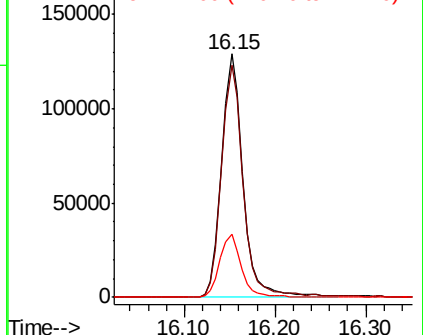
330 100

332 97.2 77.4 116.0

141 26.2 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: 70.492 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042763.D

Acq: 7 Sep 2019 00:59

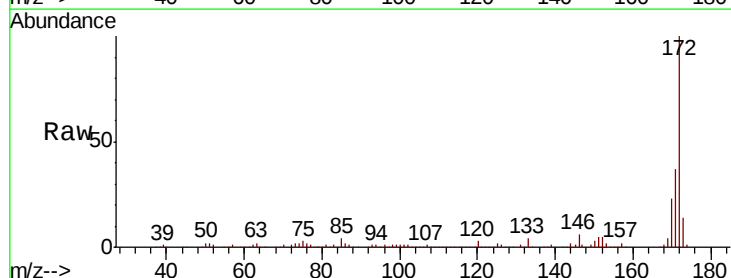
Tgt Ion:172 Resp: 466527

Ion Ratio Lower Upper

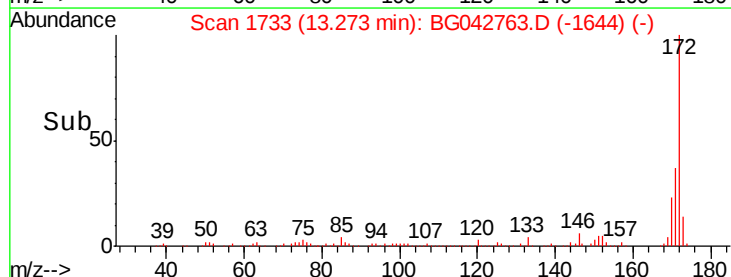
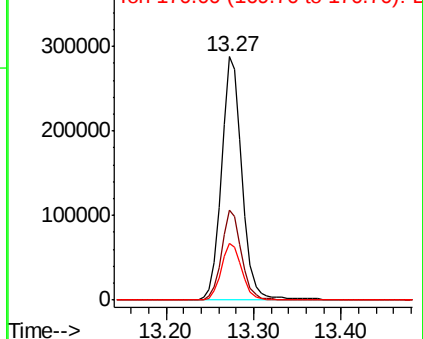
172 100

171 36.8 30.5 45.7

170 23.4 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

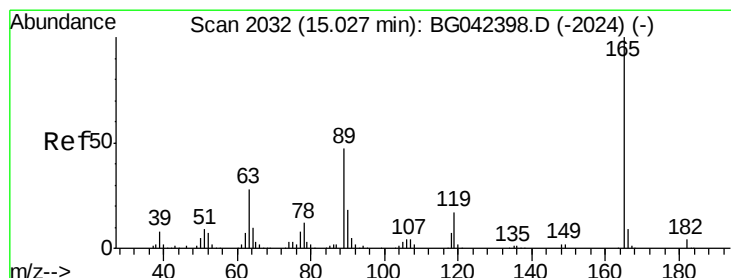
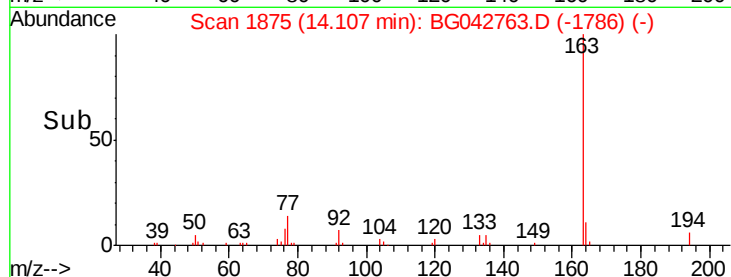
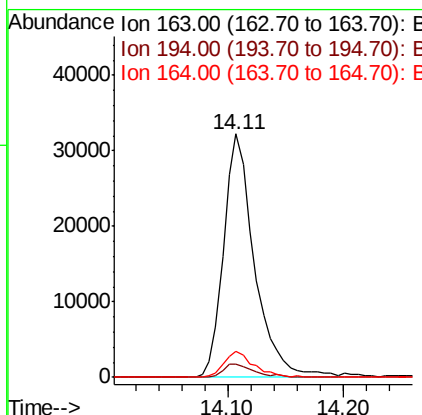
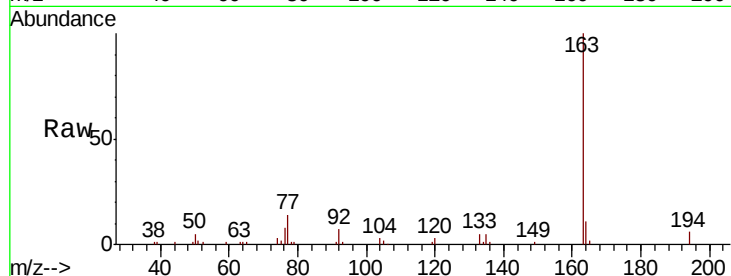




#50
Dimethylphthalate
Concen: 7.418 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042763.D
Acq: 7 Sep 2019 00:59

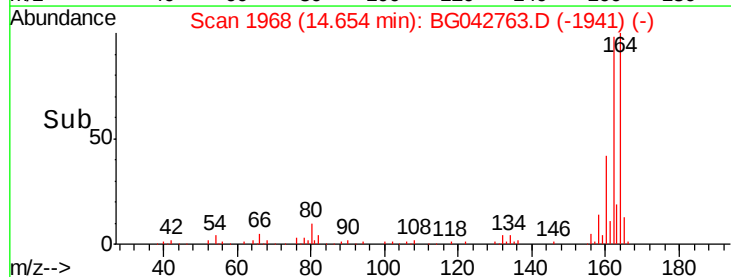
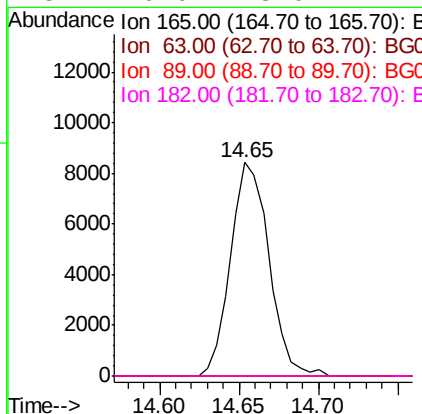
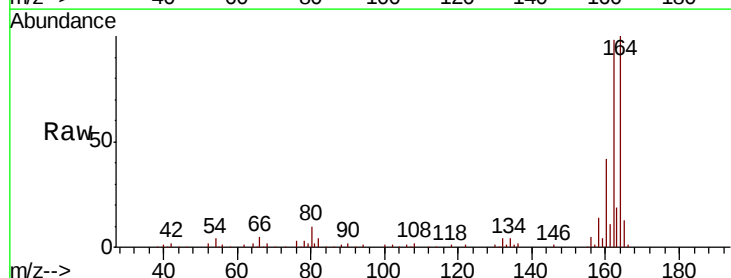
Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 59907
Ion Ratio Lower Upper
163 100
194 5.6 4.2 6.2
164 10.9 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.287 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.37 min
Lab File: BG042763.D
Acq: 7 Sep 2019 00:59

Tgt Ion:165 Resp: 14174
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#

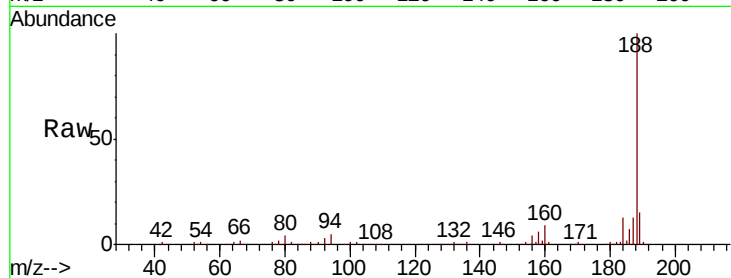




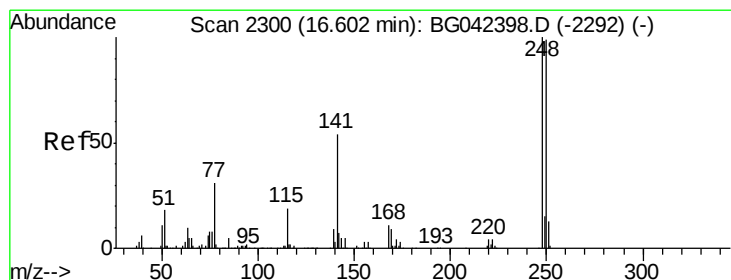
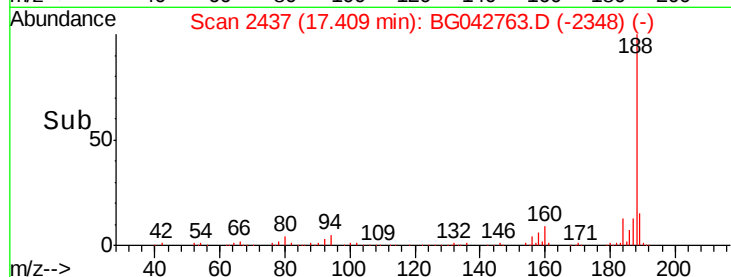
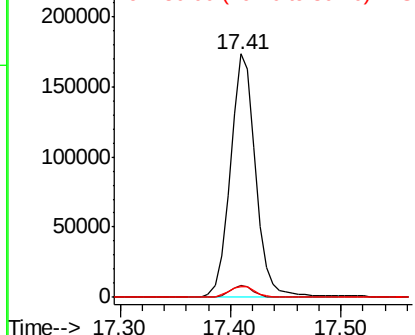
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042763.D
 Acq: 7 Sep 2019 00:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 278130
 Ion Ratio Lower Upper
 188 100
 94 4.7 4.5 6.7
 80 4.4 4.9 7.3#

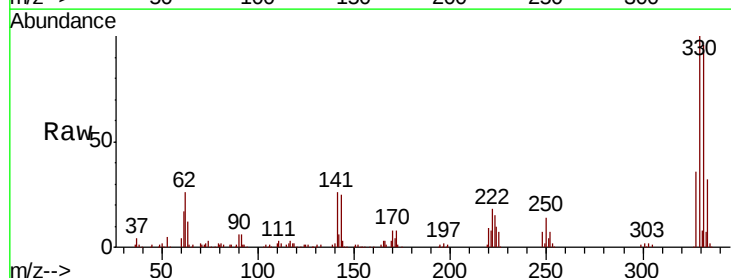


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

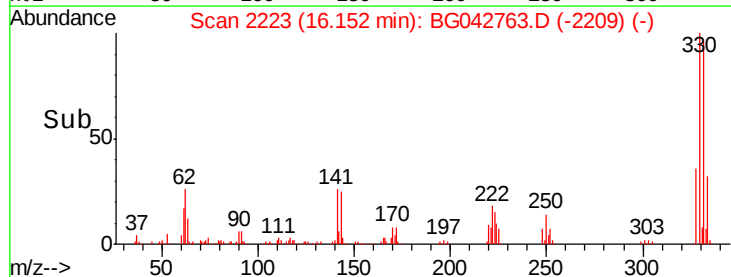
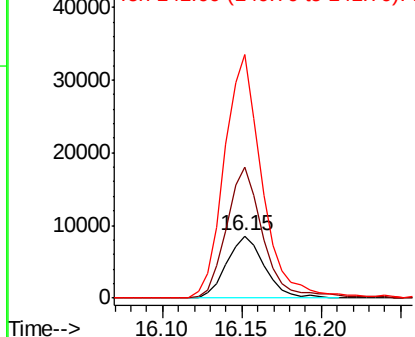


#67
 4-Bromophenyl-phenylether
 Concen: 3.972 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042763.D
 Acq: 7 Sep 2019 00:59

Tgt Ion:248 Resp: 14013
 Ion Ratio Lower Upper
 248 100
 250 211.8 78.9 118.3#
 141 393.1 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: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042763.D

Acq: 7 Sep 2019 00:59

Instrument :

BNA_G

ClientSampleId :

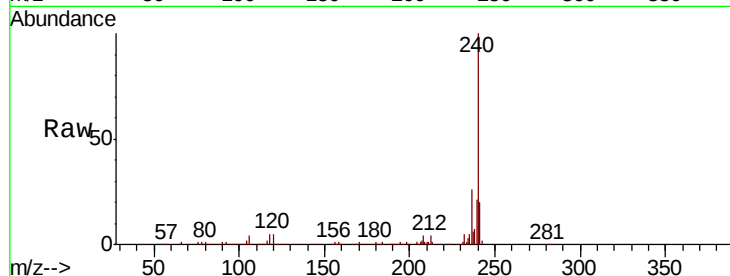
Tot Ion:240 Resp: 221504

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

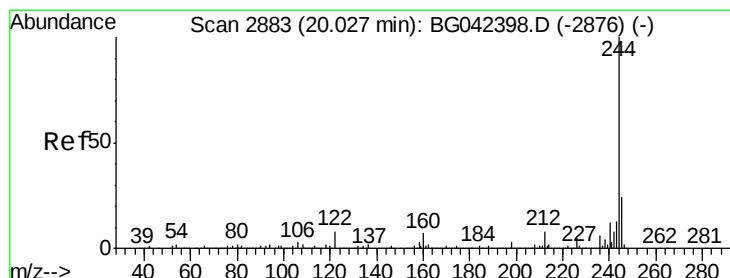
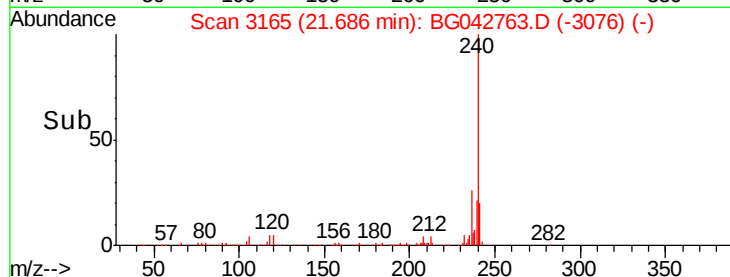
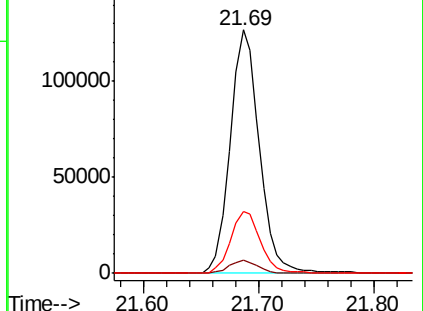
236 25.5 21.0 31.4



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: 79.214 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042763.D

Acq: 7 Sep 2019 00:59

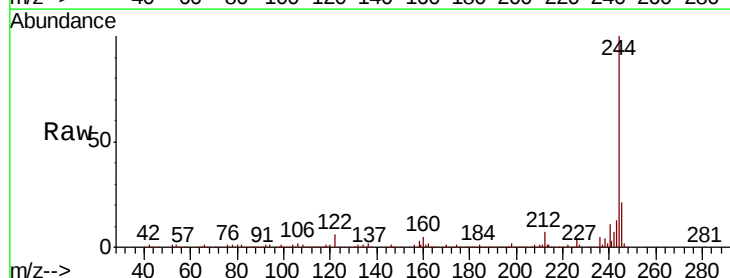
Tgt Ion:244 Resp: 811604

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

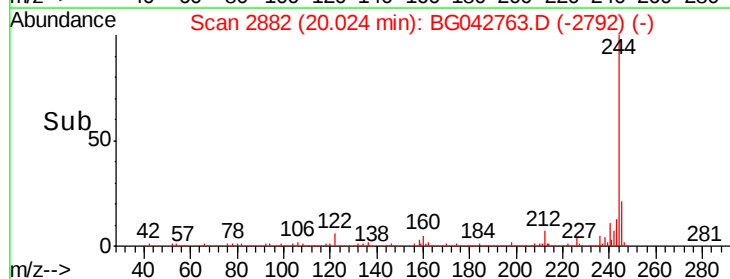
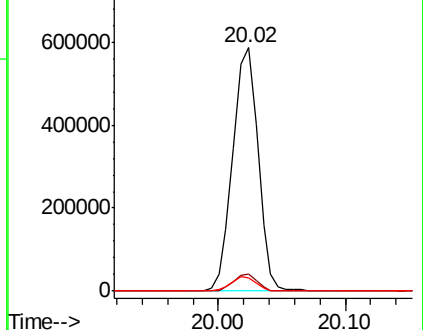
122 5.6 6.7 10.1#

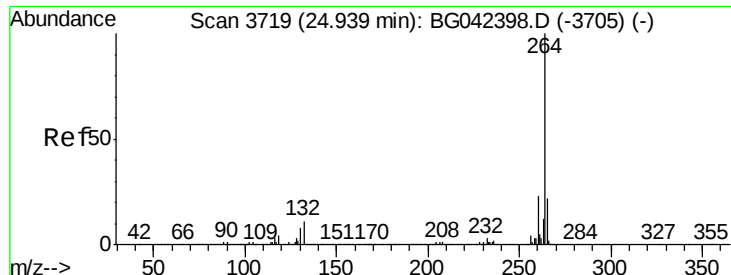


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.94 min Scan# 3718
 Delta R.T. -0.00 min
 Lab File: BG042763.D
 Acq: 7 Sep 2019 00:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	22.0	17.6	26.4

