

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042617.D
 Acq On : 31 Aug 2019 1:45
 Operator : HP/JU
 Sample : K4409-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 05:10:22 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

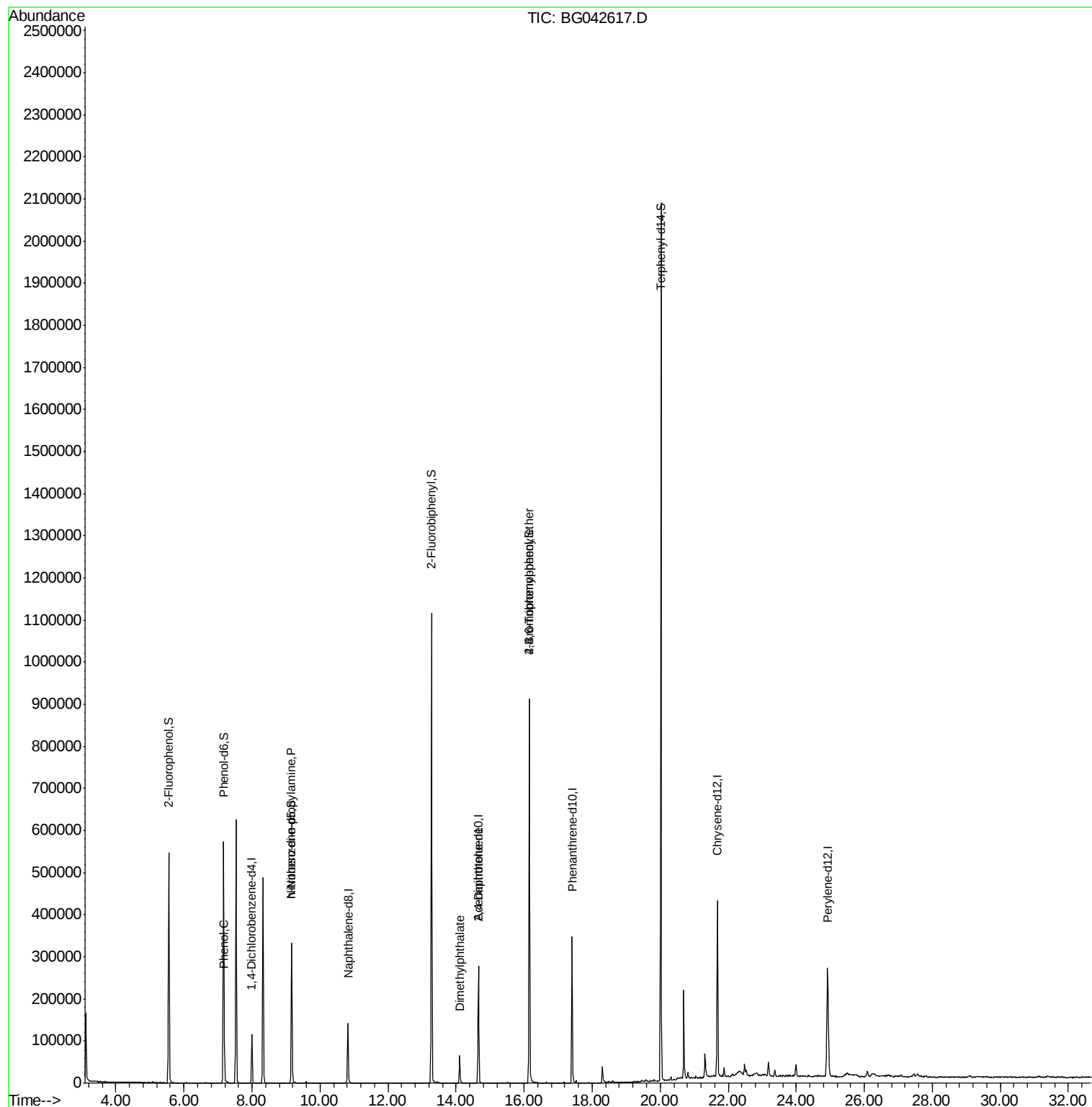
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	39218	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	151944	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	112529	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	255443	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	267753	20.00	ng	-0.01
87) Perylene-d12	24.92	264	314682	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	278107	143.62	ng	0.00
7) Phenol-d6	7.17	99	374749	143.27	ng	0.00
23) Nitrobenzene-d5	9.16	82	214189	97.41	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	236931	148.14	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	659292	99.09	ng	0.00
79) Terphenyl-d14	20.02	244	1089735	87.99	ng	0.00
Target Compounds						
10) Phenol	7.19	94	28218	10.610	ng	90
19) n-Nitroso-di-n-propylamine	9.16	70	28104	16.585	ng	# 74
50) Dimethylphthalate	14.10	163	61748	7.605	ng	99
57) 2,4-Dinitrotoluene	14.66	165	14506	5.383	ng	# 40
67) 4-Bromophenyl-phenylether	16.16	248	16326	5.039	ng	# 1

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

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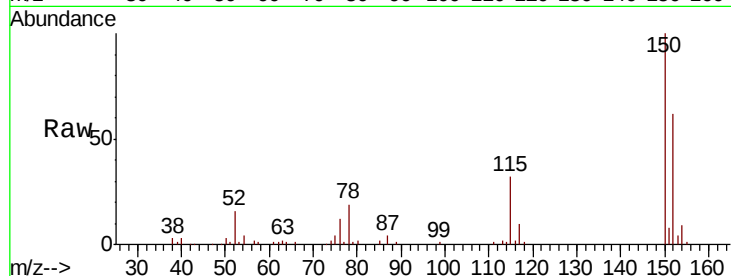


#1

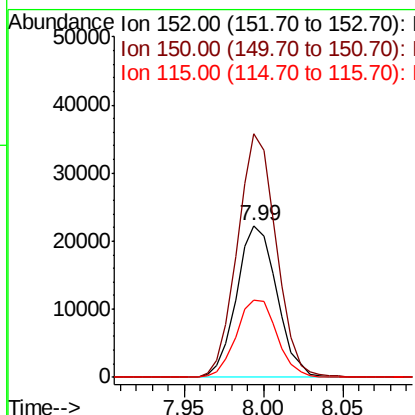
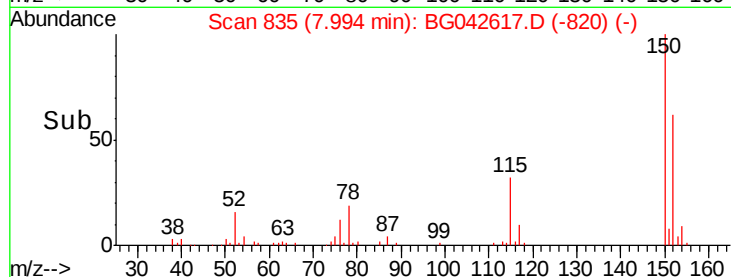
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042617.D
 Acq: 31 Aug 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 39218
 Ion Ratio Lower Upper
 152 100
 150 160.2 125.4 188.0
 115 51.2 38.5 57.7



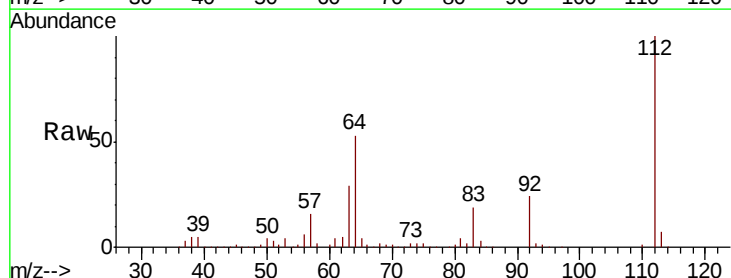
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



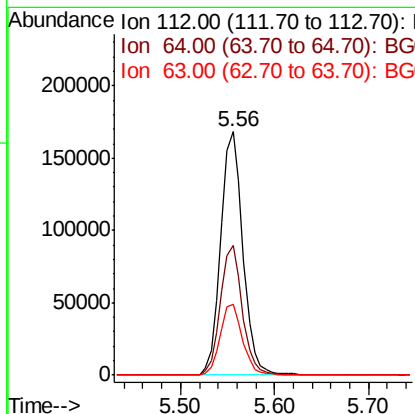
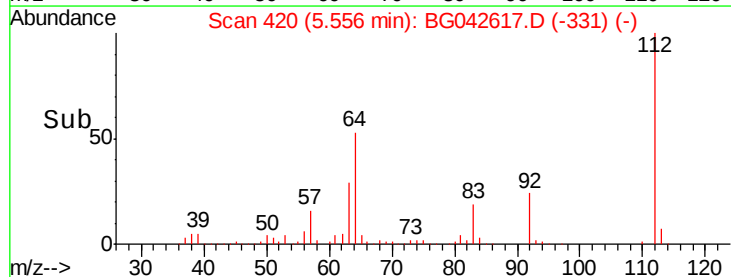
#5

2-Fluorophenol
 Concen: 143.620 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042617.D
 Acq: 31 Aug 2019 1:45

Tgt Ion:112 Resp: 278107
 Ion Ratio Lower Upper
 112 100
 64 53.0 42.8 64.2
 63 28.9 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: 143.272 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042617.D

Acq: 31 Aug 2019 1:45

Instrument :

BNA_G

ClientSampled :

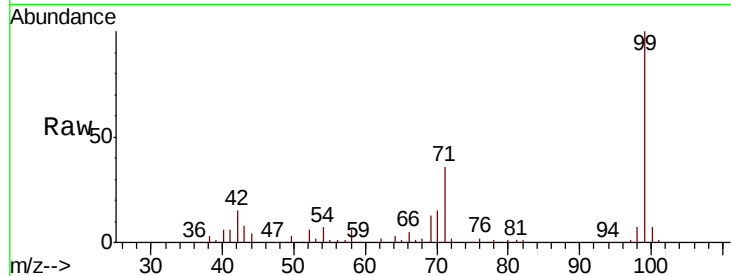
Tot Ion: 99 Resp: 374749

Ion Ratio Lower Upper

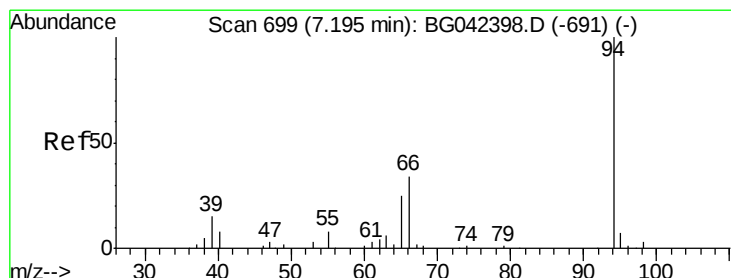
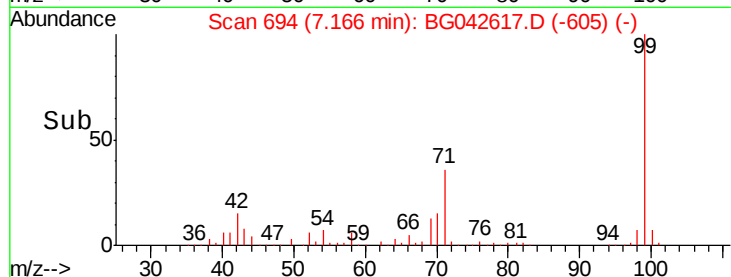
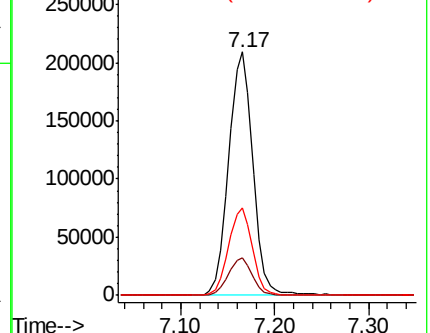
99 100

42 15.5 12.0 18.0

71 35.8 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: 10.610 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042617.D

Acq: 31 Aug 2019 1:45

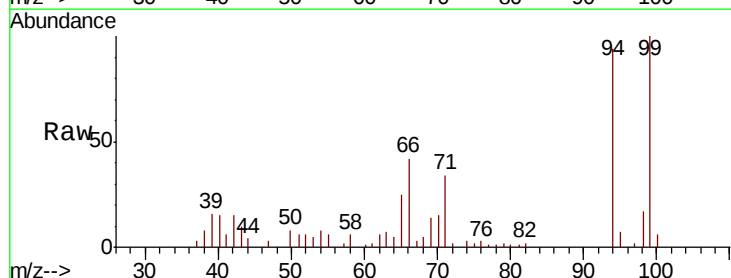
Tgt Ion: 94 Resp: 28218

Ion Ratio Lower Upper

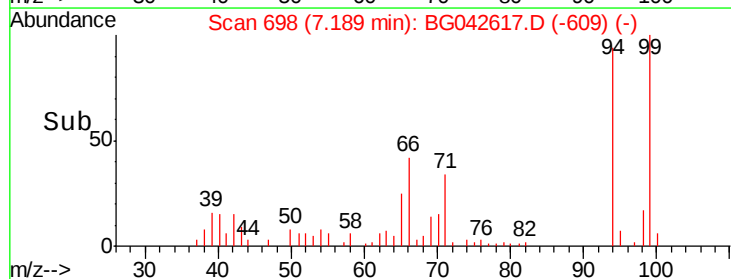
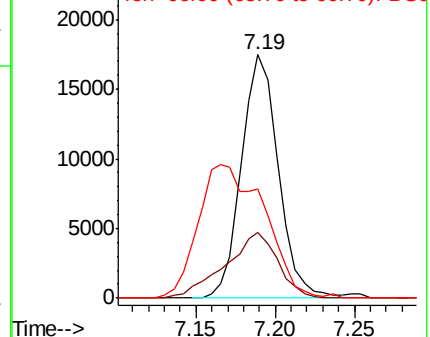
94 100

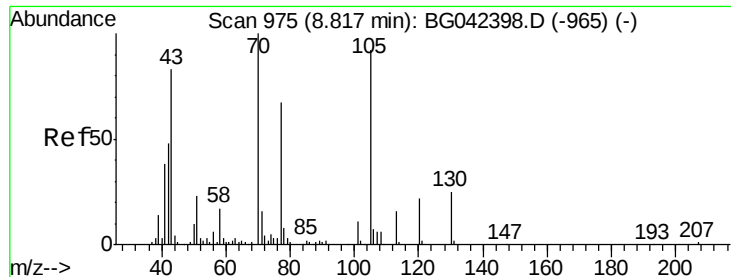
65 26.7 5.6 45.6

66 45.0 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: 16.585 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042617.D

Acq: 31 Aug 2019 1:45

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 28104

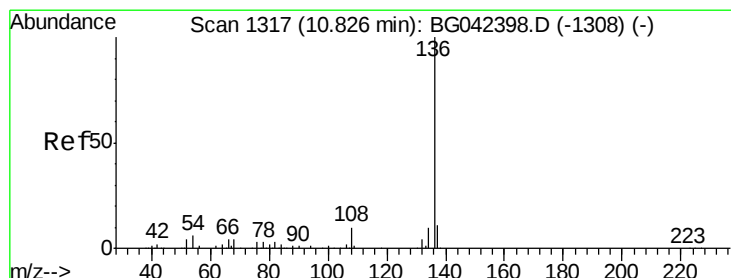
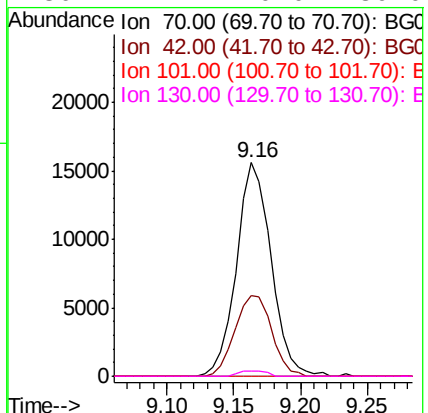
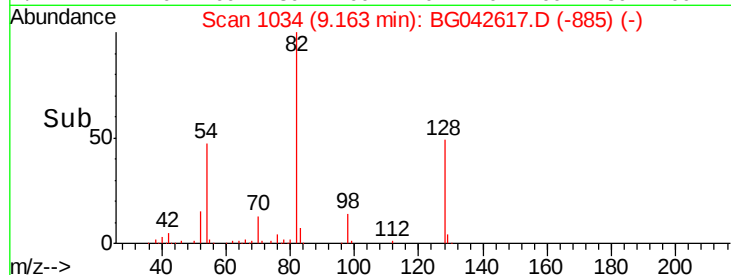
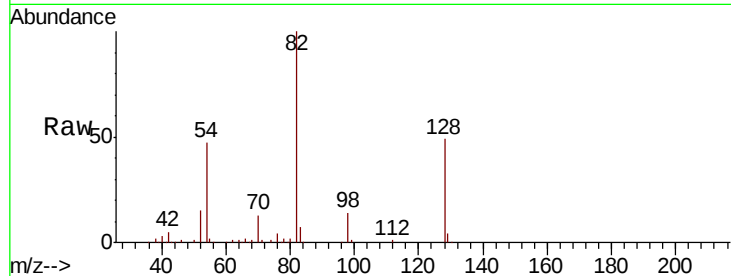
Ion Ratio Lower Upper

70 100

42 38.0 38.8 58.2#

101 0.0 9.0 13.6#

130 2.1 20.0 30.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042617.D

Acq: 31 Aug 2019 1:45

Tgt Ion: 136 Resp: 151944

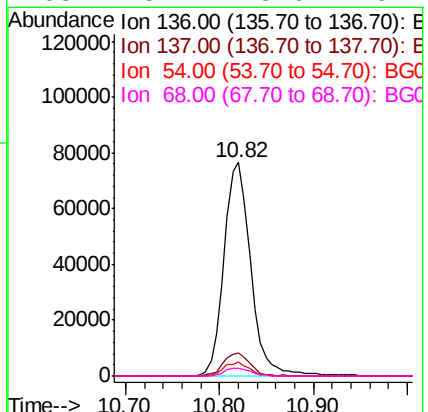
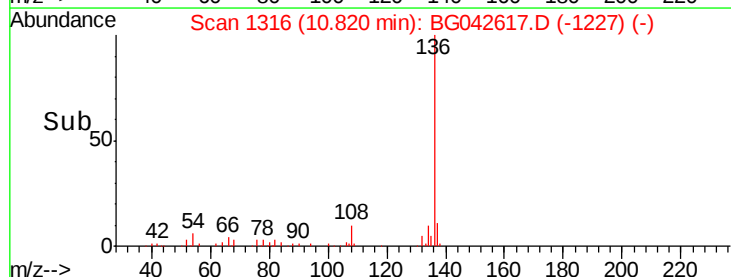
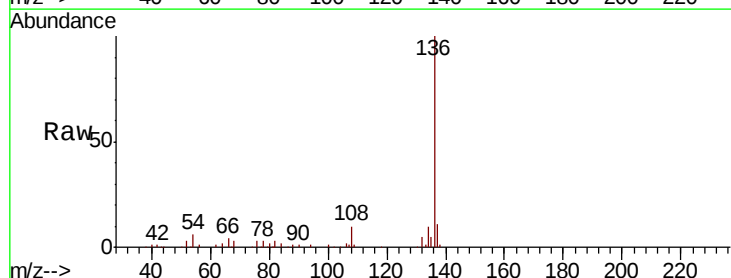
Ion Ratio Lower Upper

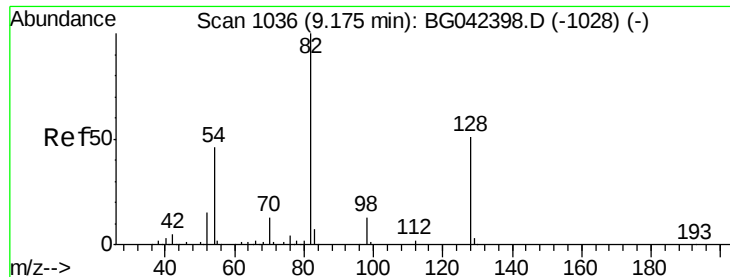
136 100

137 10.9 8.7 13.1

54 6.3 4.9 7.3

68 3.4 3.6 5.4#

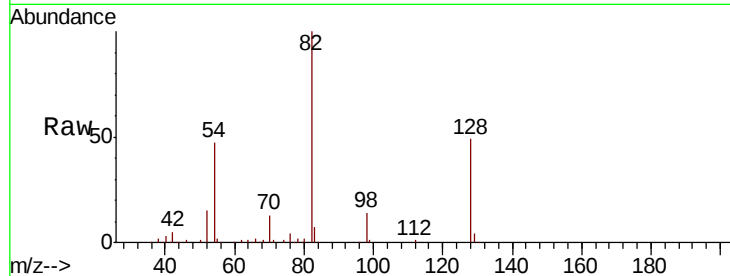




#23
Nitrobenzene-d5
Concen: 97.413 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	214189
Ion Ratio	Lower	Upper	
82	100		
128	49.0	40.7	61.1
54	46.6	36.3	54.5

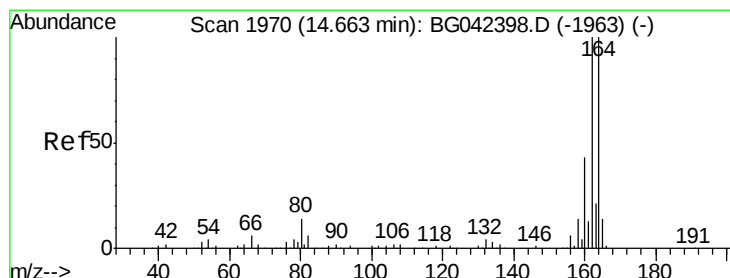
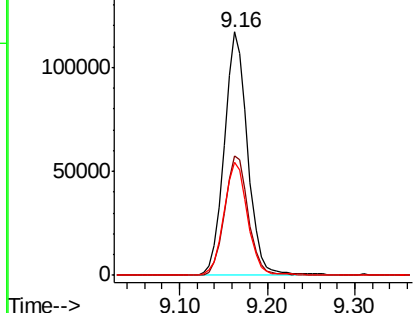
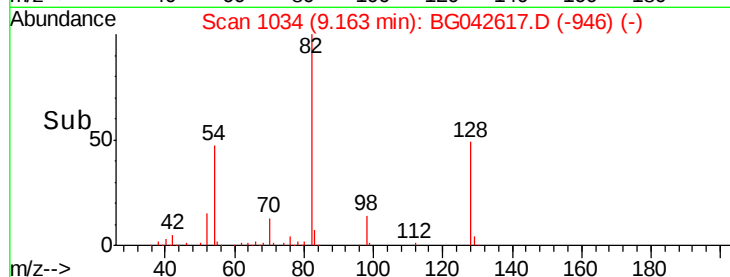


Abundance

Ion 82.00 (81.70 to 82.70): BGC

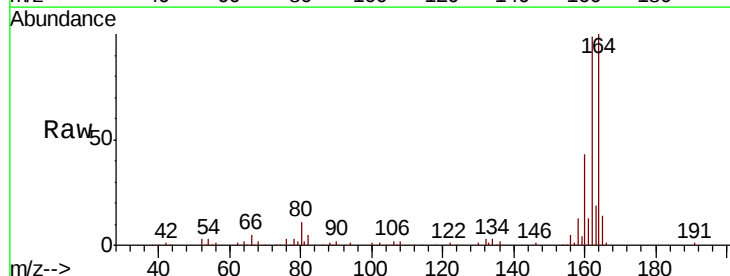
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Tgt Ion	164	Resp	112529
Ion Ratio	Lower	Upper	
164	100		
162	99.0	79.9	119.9
160	42.8	34.3	51.5

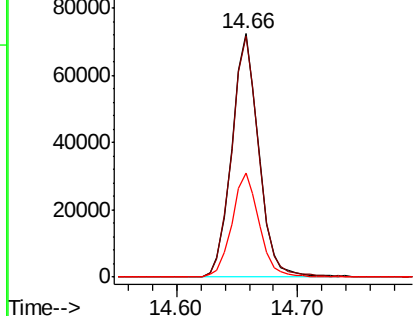
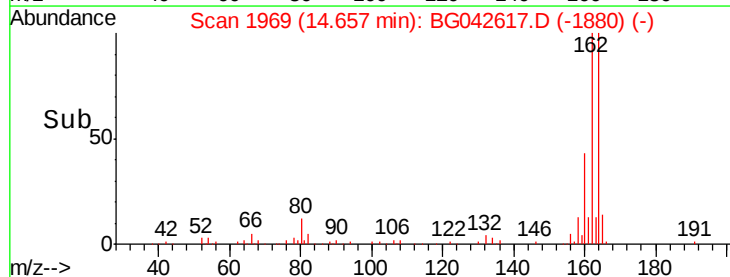


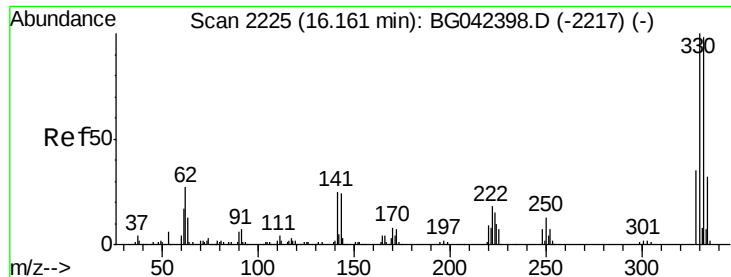
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

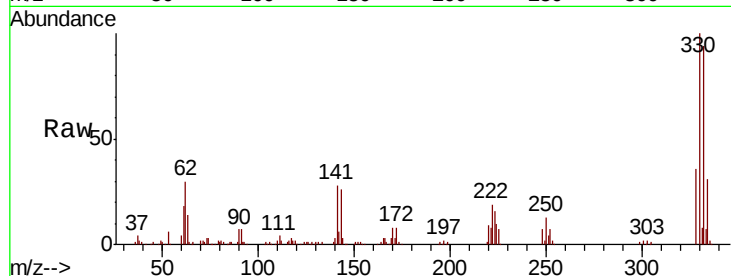




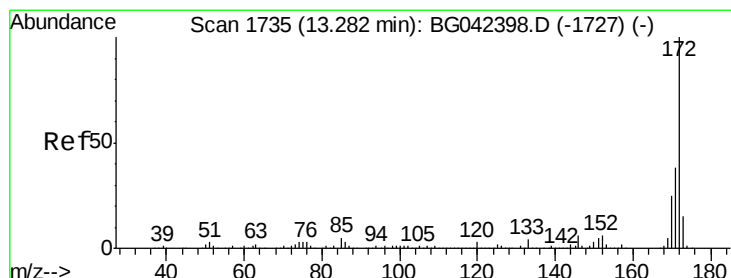
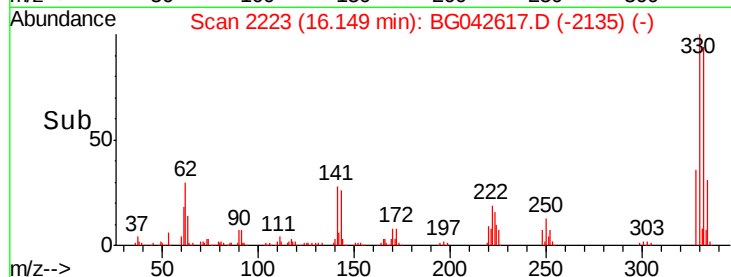
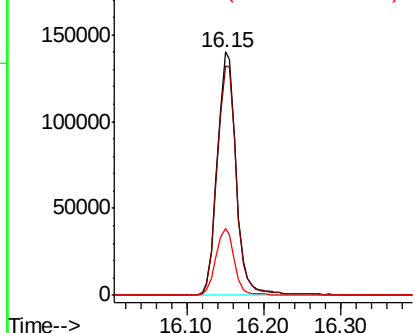
#42
 2,4,6-Tribromophenol
 Concen: 148.136 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042617.D
 Acq: 31 Aug 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.0
141	27.0	21.4	32.0

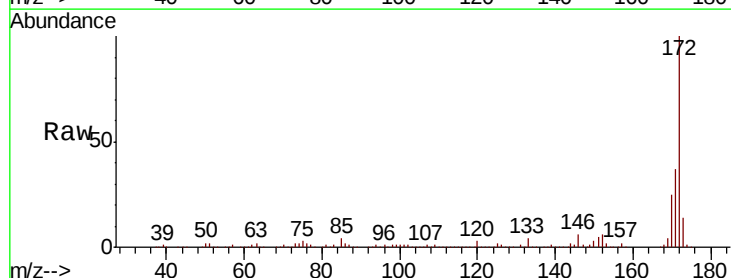


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

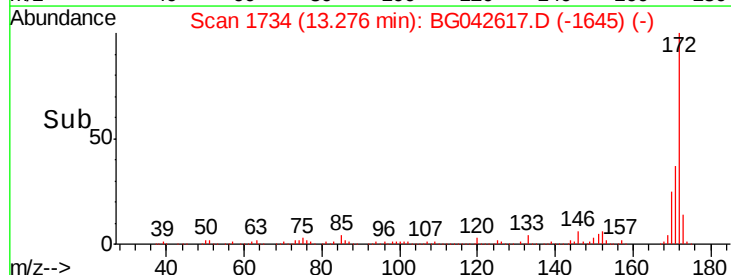
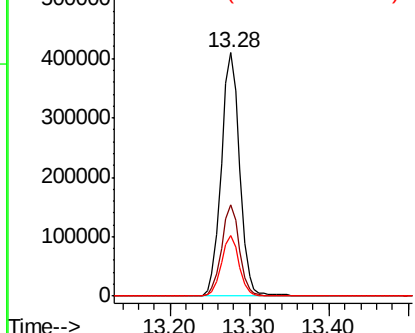


#45
 2-Fluorobiphenyl
 Concen: 99.090 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042617.D
 Acq: 31 Aug 2019 1:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.6	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

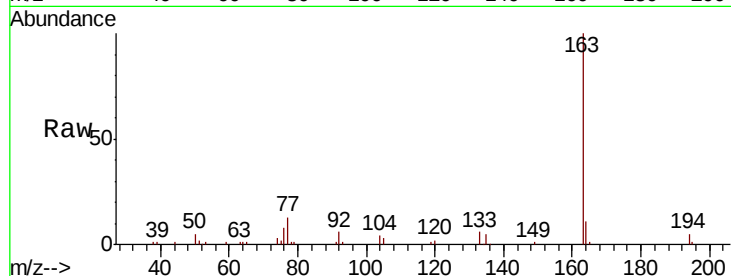




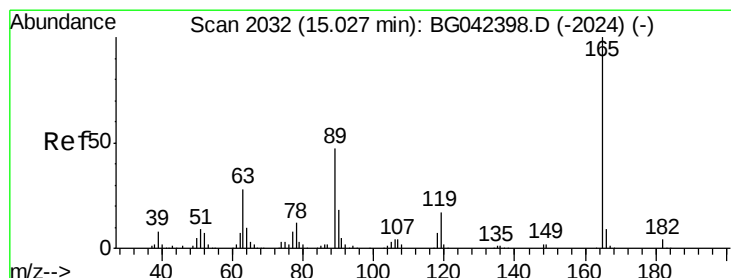
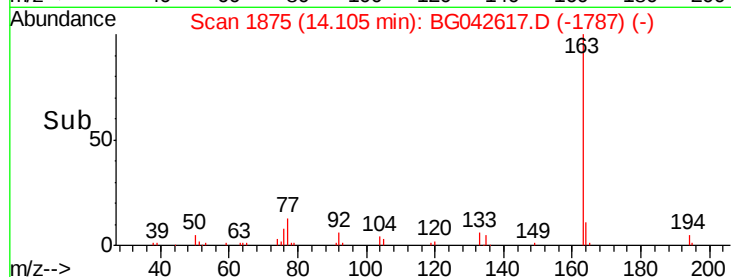
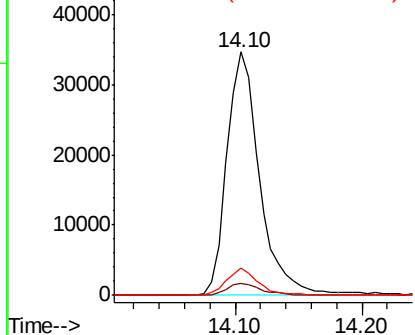
#50
Dimethylphthalate
Concen: 7.605 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 61748
Ion Ratio Lower Upper
163 100
194 5.0 4.2 6.2
164 11.4 8.8 13.2

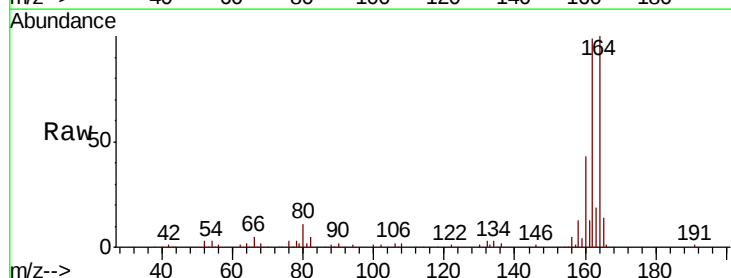


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

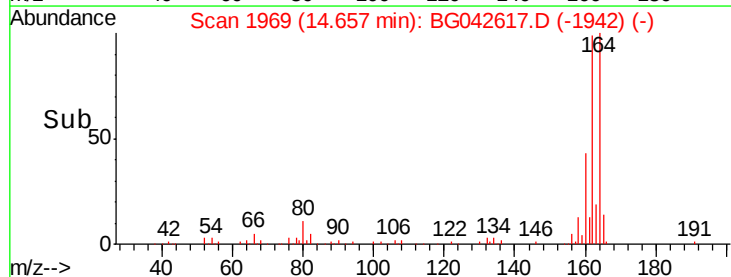
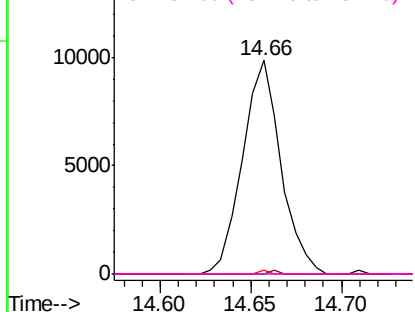


#57
2,4-Dinitrotoluene
Concen: 5.383 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Tgt Ion:165 Resp: 14506
Ion Ratio Lower Upper
165 100
63 0.0 22.5 33.7#
89 1.7 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# 2437

Delta R.T. -0.01 min

Lab File: BG042617.D

Acq: 31 Aug 2019 1:45

Instrument :

BNA_G

ClientSampleId :

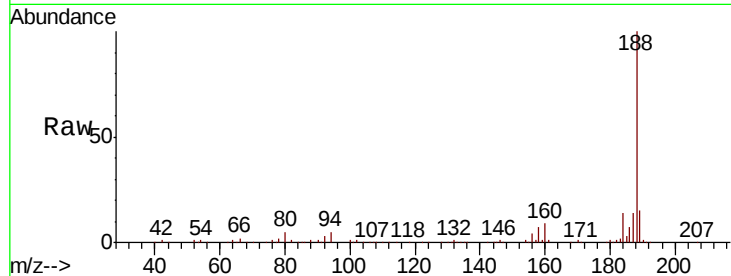
Tot Ion:188 Resp: 255443

Ion Ratio Lower Upper

188 100

94 4.9 4.5 6.7

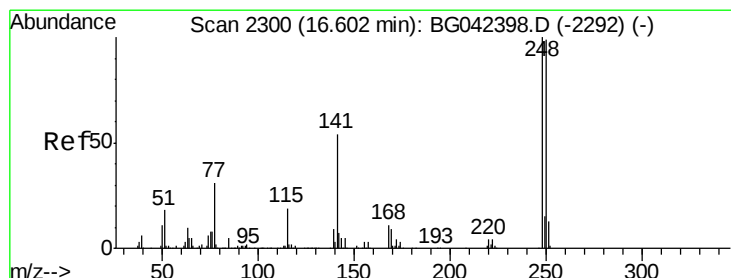
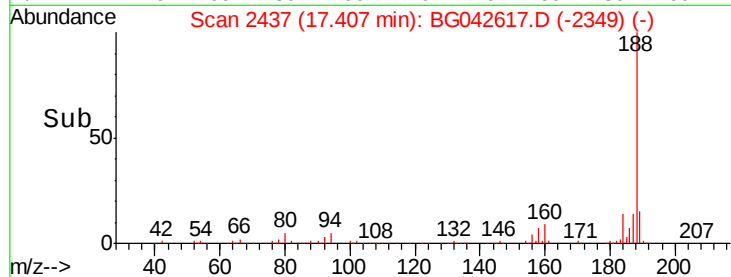
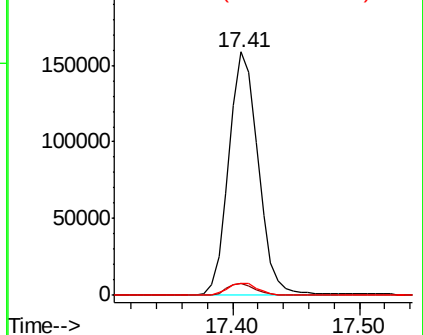
80 5.0 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 5.039 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.45 min

Lab File: BG042617.D

Acq: 31 Aug 2019 1:45

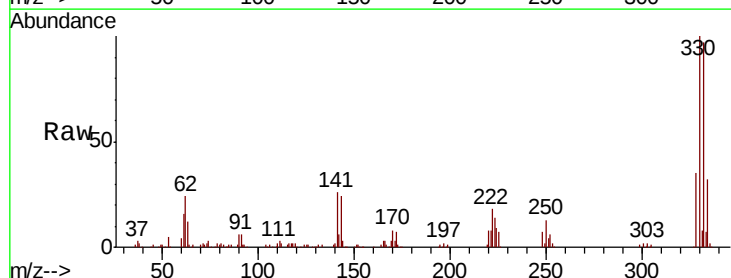
Tgt Ion:248 Resp: 16326

Ion Ratio Lower Upper

248 100

250 184.4 78.9 118.3#

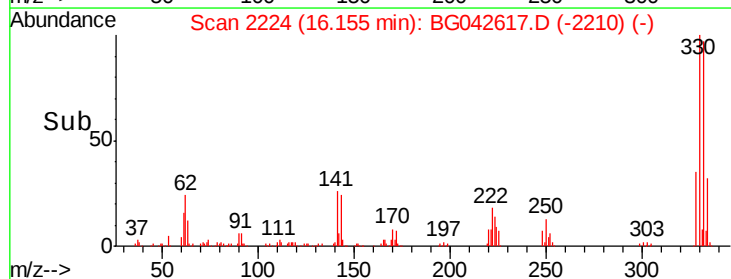
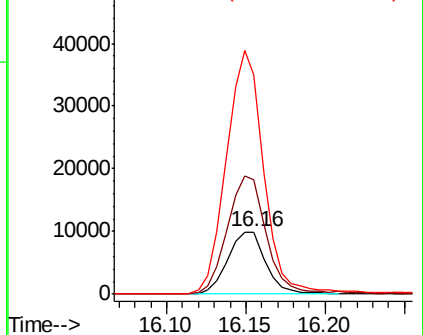
141 354.9 43.3 64.9#



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

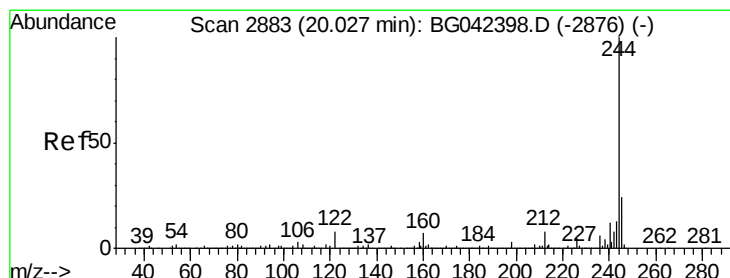
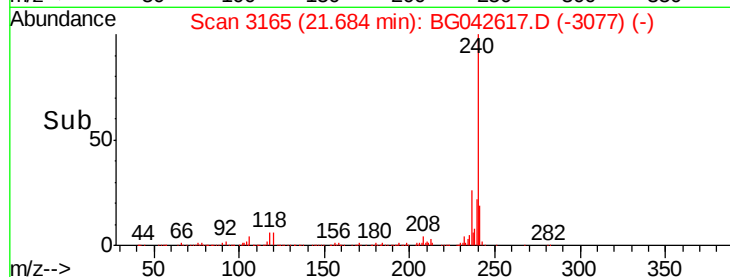
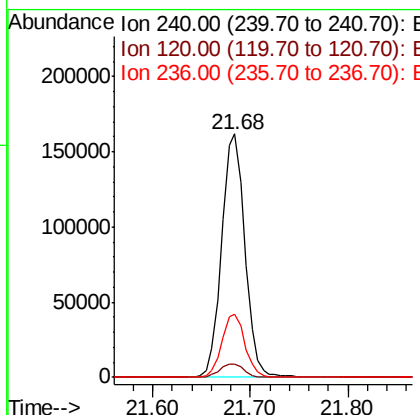
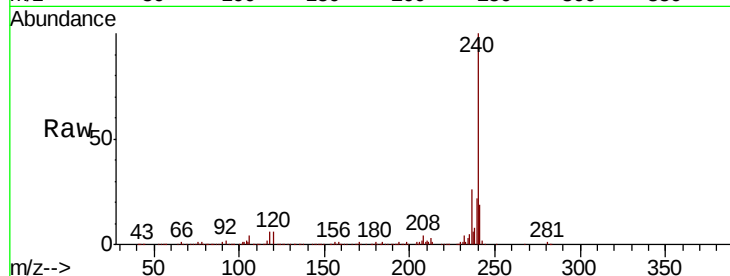




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042617.D
 Acq: 31 Aug 2019 1:45

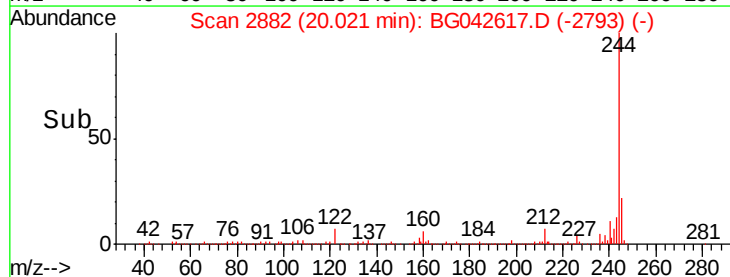
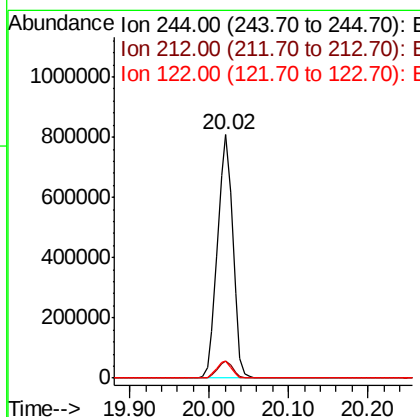
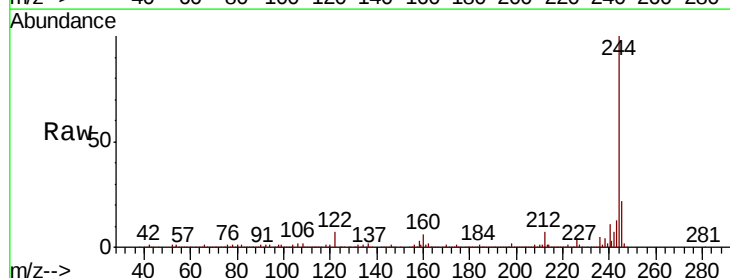
Instrument :
 BNA_G
 ClientSampleId :

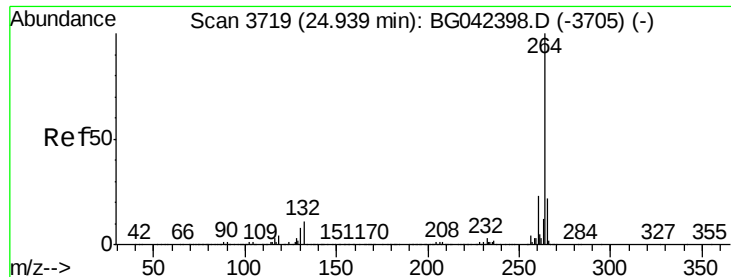
Tot Ion:240 Resp: 267753
 Ion Ratio Lower Upper
 240 100
 120 5.7 5.7 8.5#
 236 26.1 21.0 31.4



#79
 Terphenyl-d14
 Concen: 87.989 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042617.D
 Acq: 31 Aug 2019 1:45

Tgt Ion:244 Resp: 1089735
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 6.8 6.7 10.1

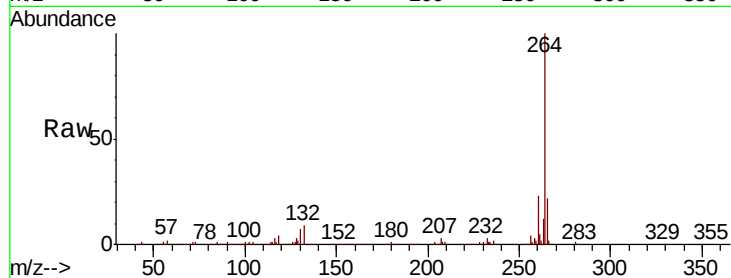




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG042617.D
 Acq: 31 Aug 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.6	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

