

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
 Data File : BG040301.D
 Acq On : 2 Apr 2019 17:58
 Operator : JU/SJ
 Sample : K2179-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 00:50:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

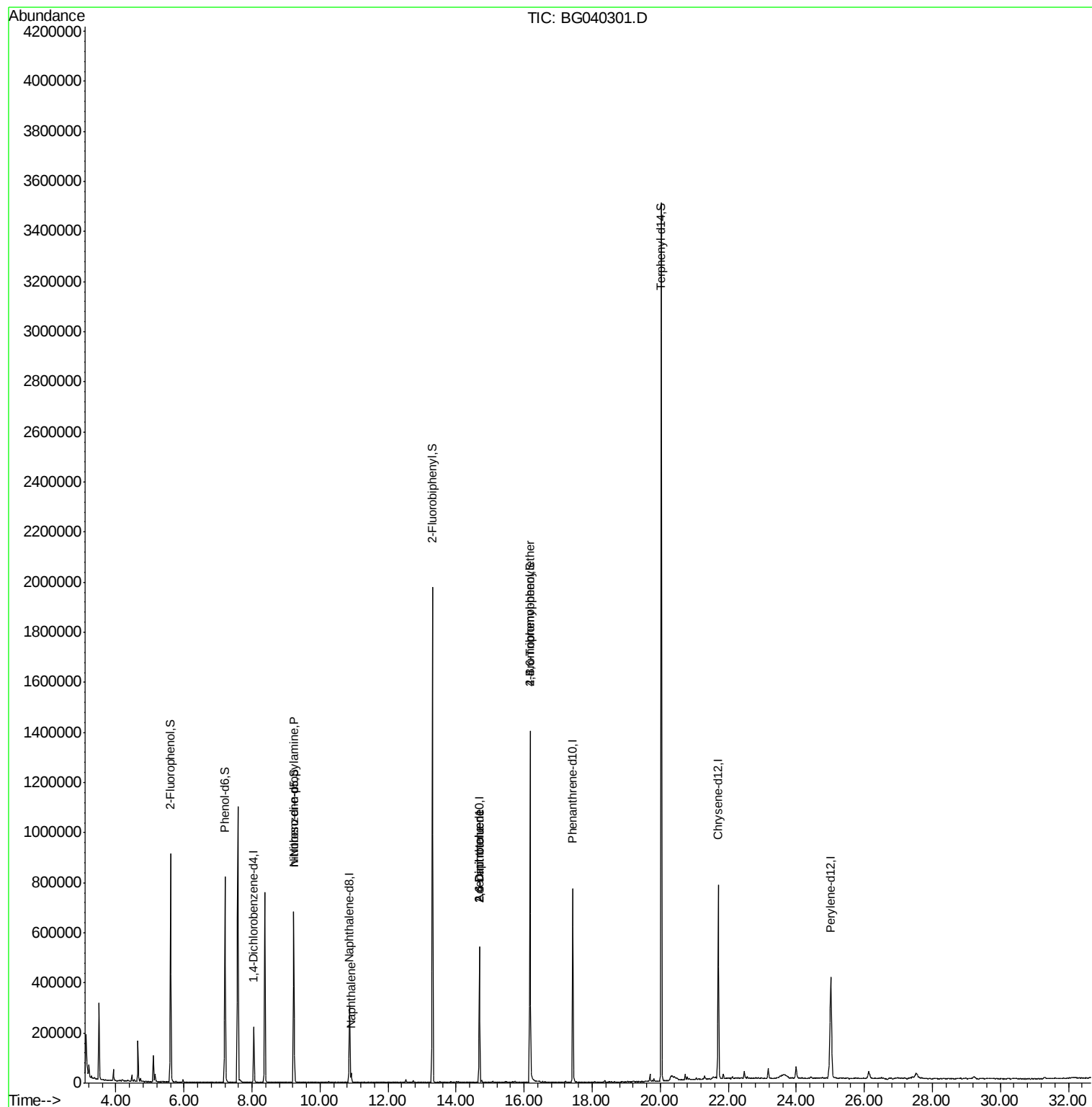
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62116	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	266058	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	192168	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	479877	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	477011	20.00	ng	-0.02
87) Perylene-d12	25.01	264	477958	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	394323	105.53	ng	-0.01
7) Phenol-d6	7.21	99	489071	94.71	ng	-0.02
23) Nitrobenzene-d5	9.23	82	423331	84.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	262520	126.40	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1008929	77.80	ng	-0.02
79) Terphenyl-d14	20.03	244	1668338	78.68	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	53718	14.509	ng	Qvalue # 71
31) Naphthalene	10.92	128	30546	2.240	ng	97
51) 2,6-Dinitrotoluene	14.68	165	25045	7.416	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	25045	5.337	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	19850	3.676	ng	# 1

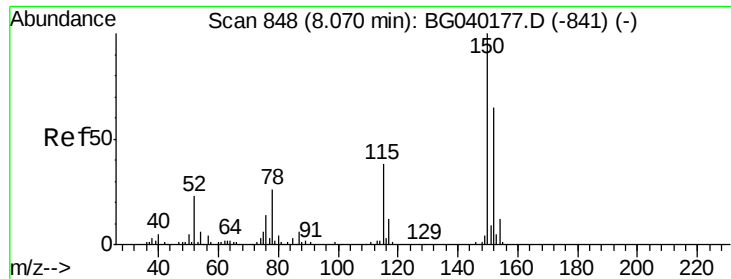
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 03 00:50:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
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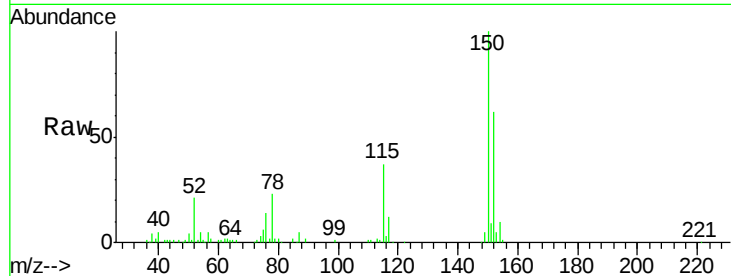


#1

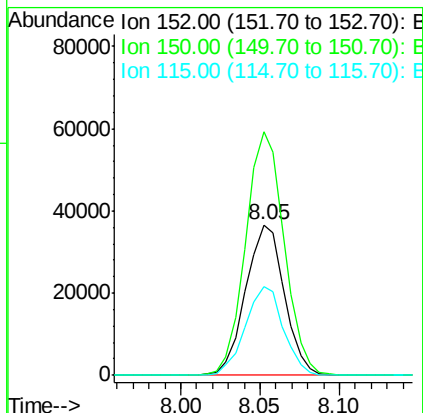
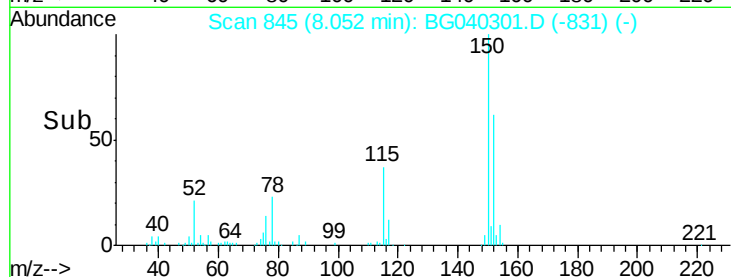
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040301.D
Acq: 2 Apr 2019 17:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62116
Ion Ratio Lower Upper
152 100
150 162.0 123.7 185.5
115 59.4 46.9 70.3



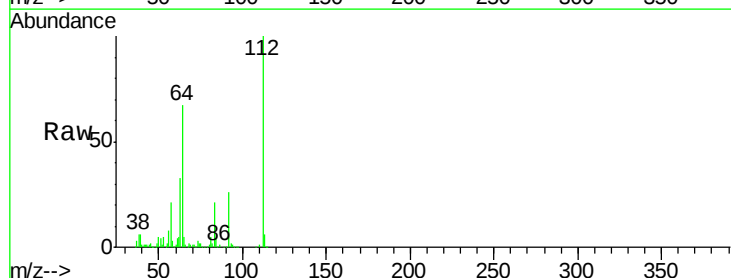
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



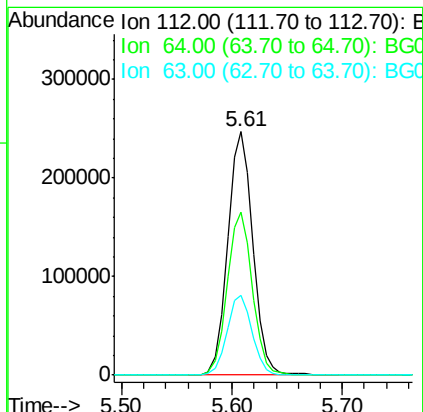
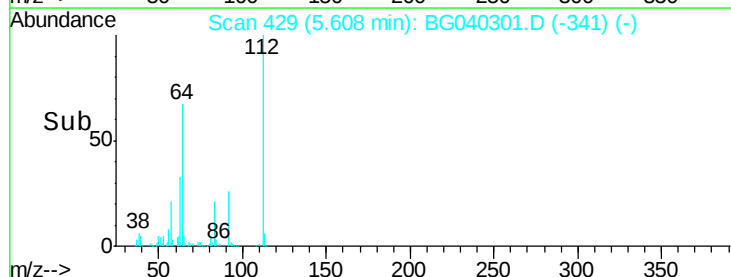
#5

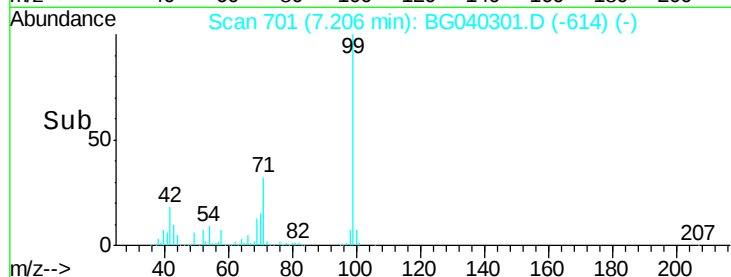
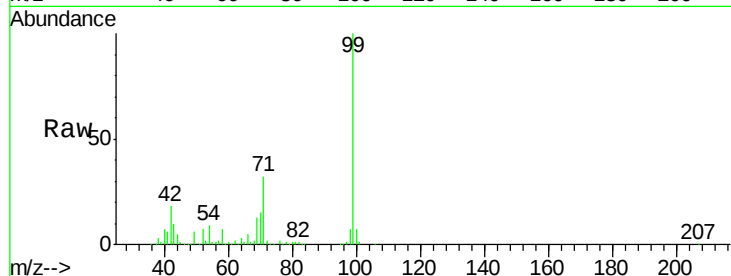
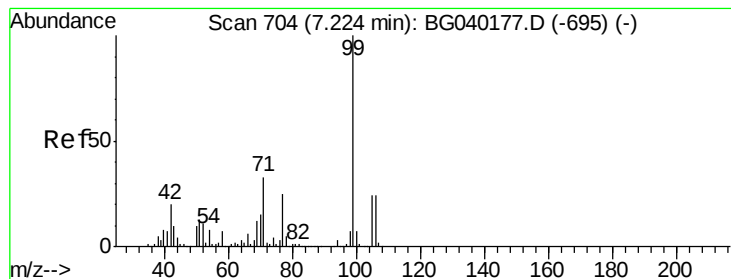
2-Fluorophenol
Concen: 105.533 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040301.D
Acq: 2 Apr 2019 17:58

Tgt Ion:112 Resp: 394323
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.2
63 32.6 26.4 39.6



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: 94.710 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040301.D

Acq: 2 Apr 2019 17:58

Instrument :

BNA_G

ClientSampleId :

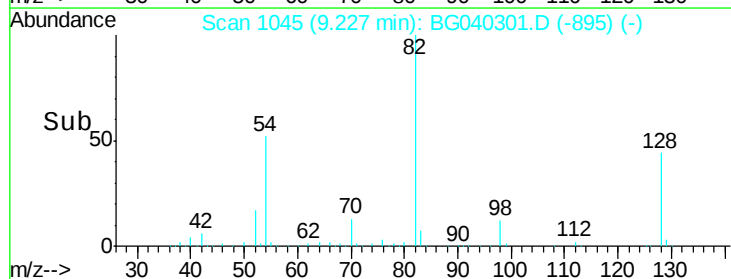
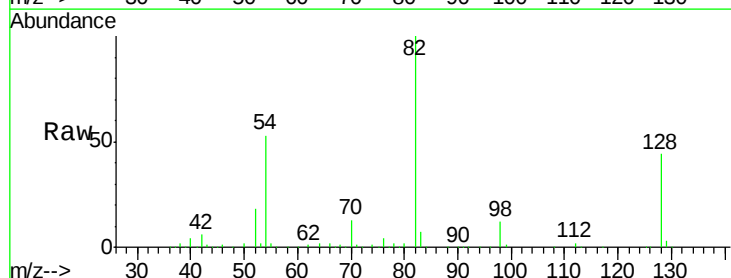
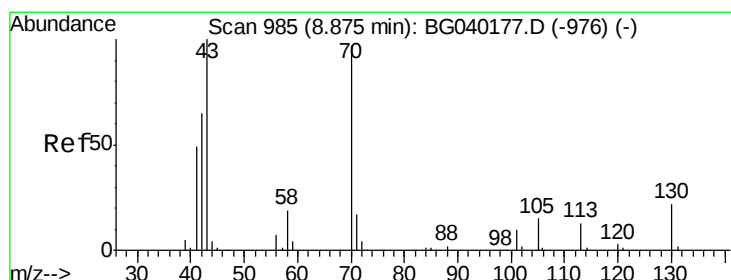
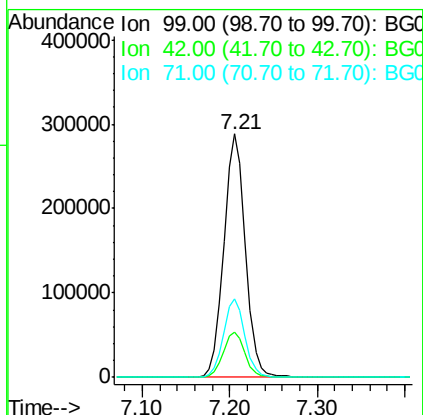
Tot Ion: 99 Resp: 489071

Ion Ratio Lower Upper

99 100

42 18.5 16.2 24.2

71 32.4 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.509 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040301.D

Acq: 2 Apr 2019 17:58

Tgt Ion: 70 Resp: 53718

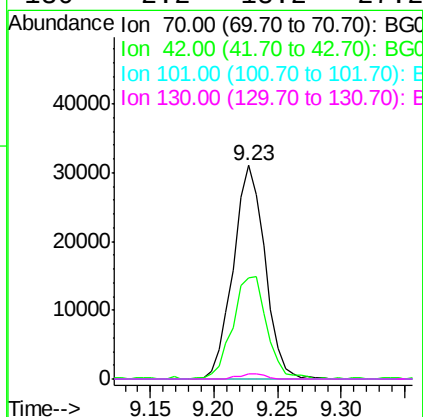
Ion Ratio Lower Upper

70 100

42 47.4 54.0 81.0#

101 0.0 8.6 13.0#

130 2.2 18.2 27.2#

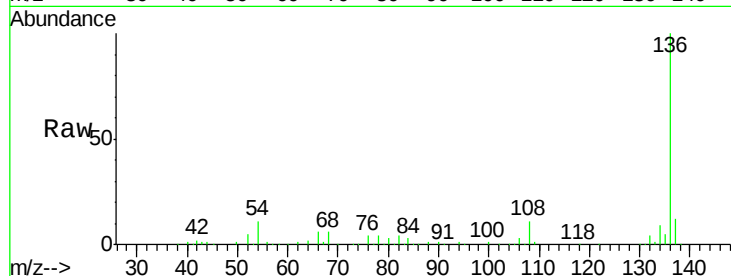




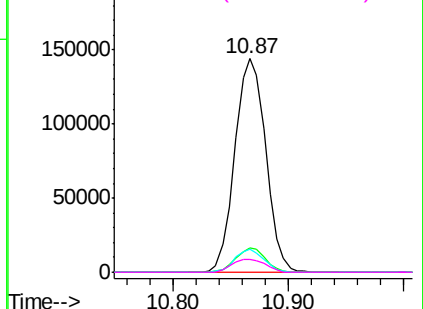
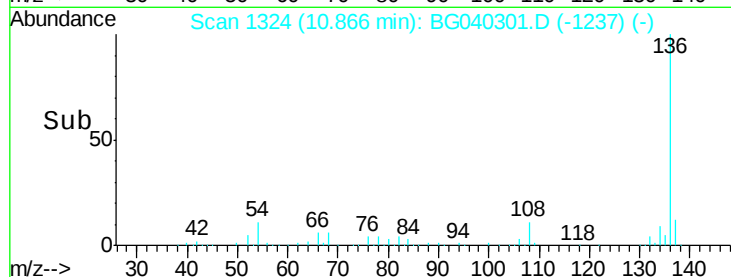
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040301.D
Acq: 2 Apr 2019 17:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	266058
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.9 13.3
54	11.0	9.6 14.4
68	5.9	5.1 7.7

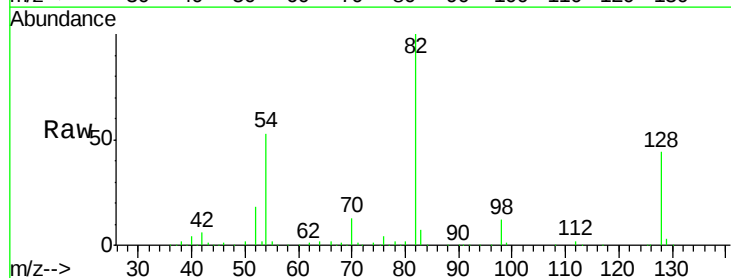


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

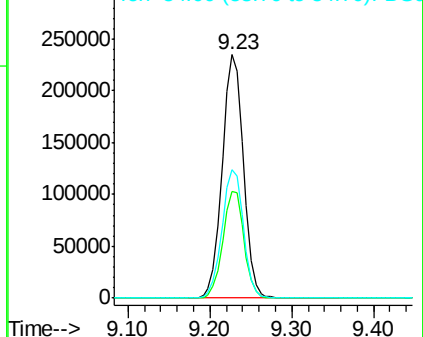
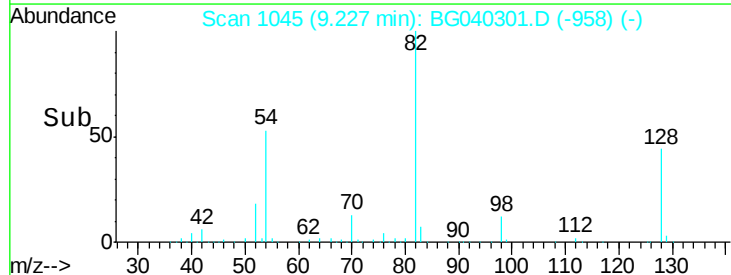


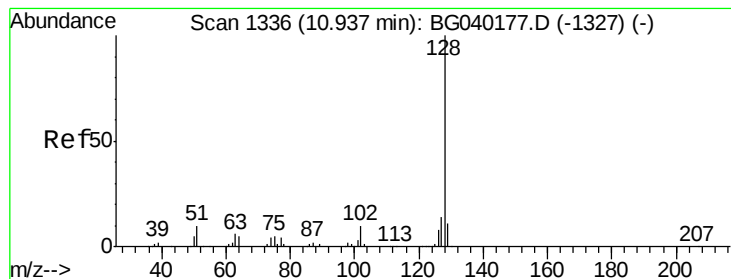
#23
Nitrobenzene-d5
Concen: 84.574 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040301.D
Acq: 2 Apr 2019 17:58

Tgt Ion: 82	Resp:	423331
Ion	Ratio	Lower Upper
82	100	
128	43.8	35.8 53.8
54	52.6	46.2 69.2



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





#31

Naphthalene

Concen: 2.240 ng

RT: 10.92 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BG040301.D

Acq: 2 Apr 2019 17:58

Instrument :

BNA_G

ClientSampleId :

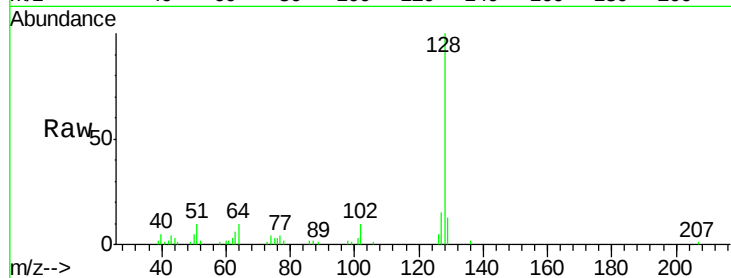
Tot Ion:128 Resp: 30546

Ion Ratio Lower Upper

128 100

129 12.9 8.9 13.3

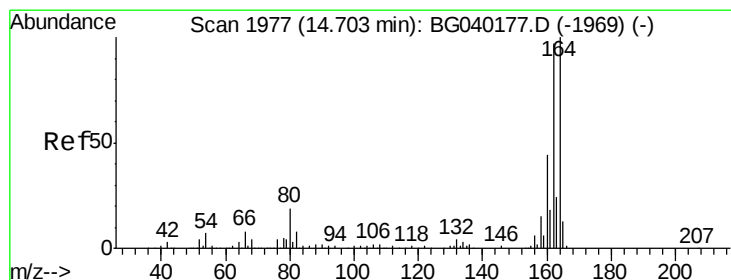
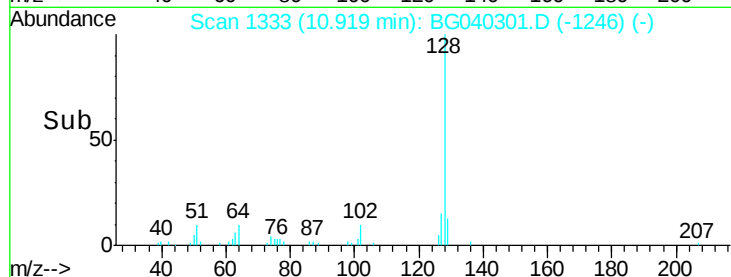
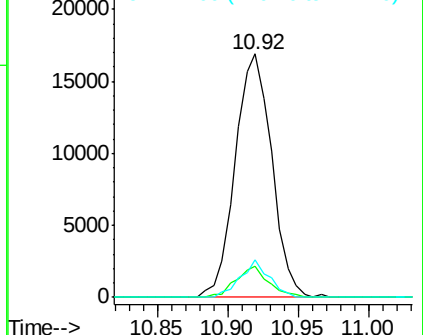
127 15.2 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040301.D

Acq: 2 Apr 2019 17:58

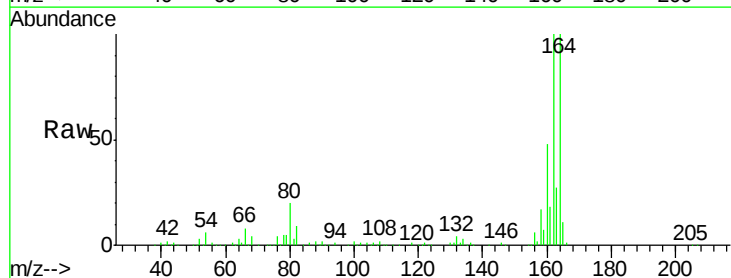
Tgt Ion:164 Resp: 192168

Ion Ratio Lower Upper

164 100

162 99.6 77.4 116.2

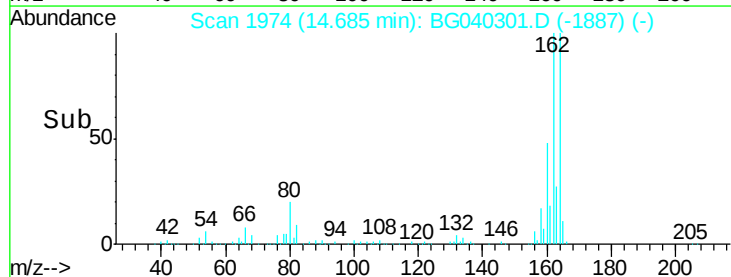
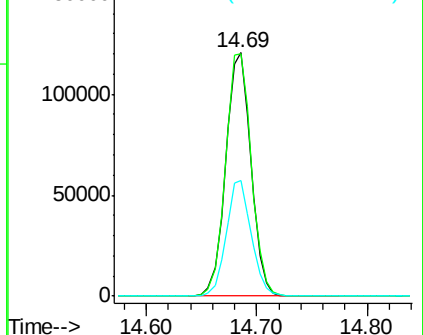
160 47.5 35.3 52.9

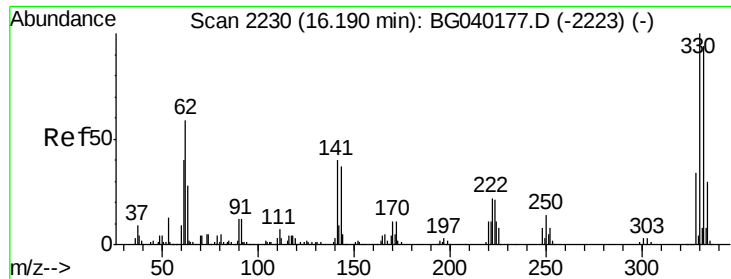


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

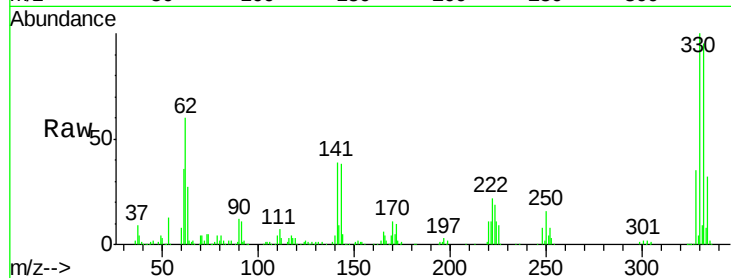




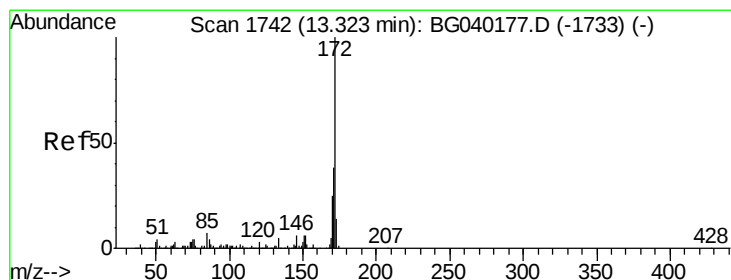
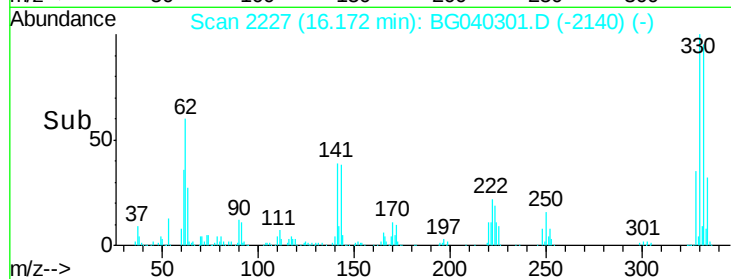
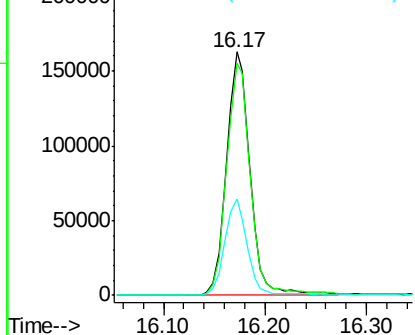
#42
 2,4,6-Tribromophenol
 Concen: 126.404 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040301.D
 Acq: 2 Apr 2019 17:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 262520
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 38.2 32.6 48.8

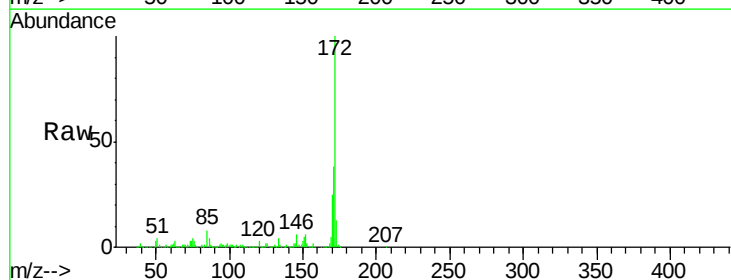


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

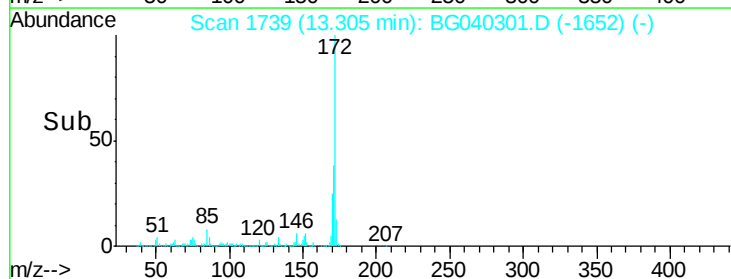
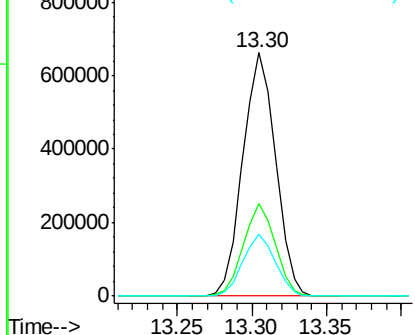


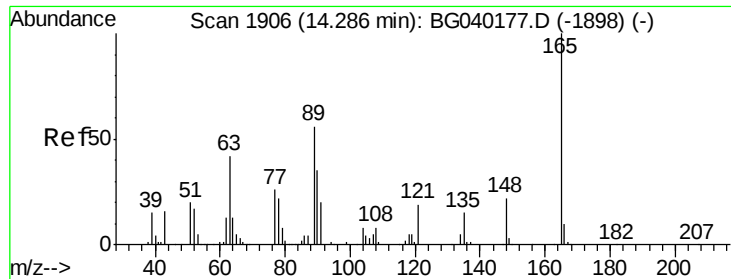
#45
 2-Fluorobiphenyl
 Concen: 77.796 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040301.D
 Acq: 2 Apr 2019 17:58

Tgt Ion:172 Resp: 1008929
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.5 45.7
 170 25.4 20.1 30.1



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: 7.416 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.39 min

Lab File: BG040301.D

Acq: 2 Apr 2019 17:58

Instrument :

BNA_G

ClientSampleId :

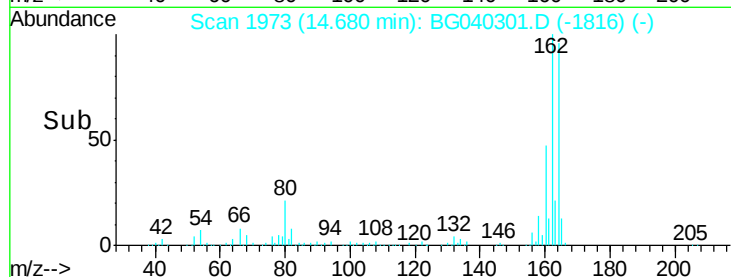
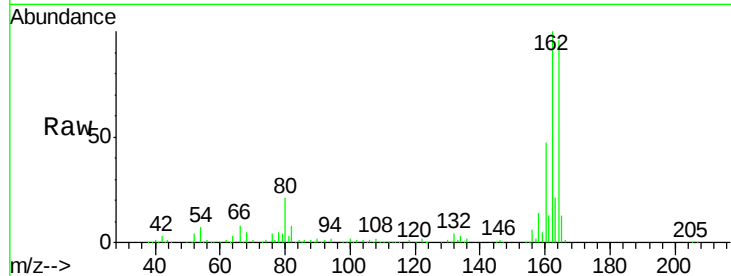
Tot Ion:165 Resp: 25045

Ion Ratio Lower Upper

165 100

63 1.5 44.1 66.1#

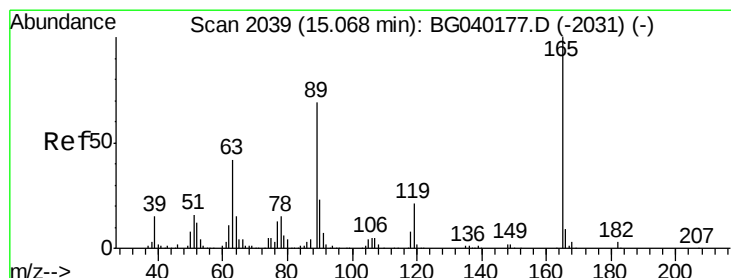
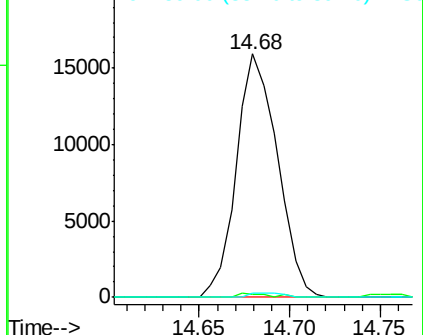
89 1.9 44.9 67.3#



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



#57

2,4-Dinitrotoluene

Concen: 5.337 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.39 min

Lab File: BG040301.D

Acq: 2 Apr 2019 17:58

Tgt Ion:165 Resp: 25045

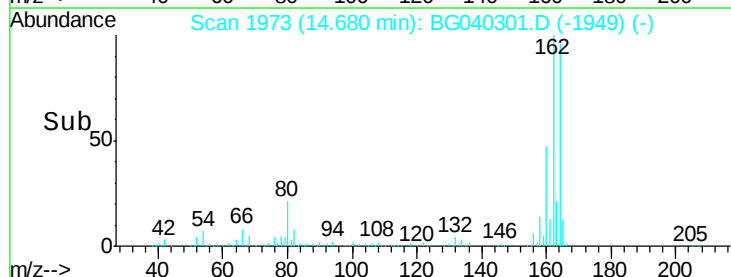
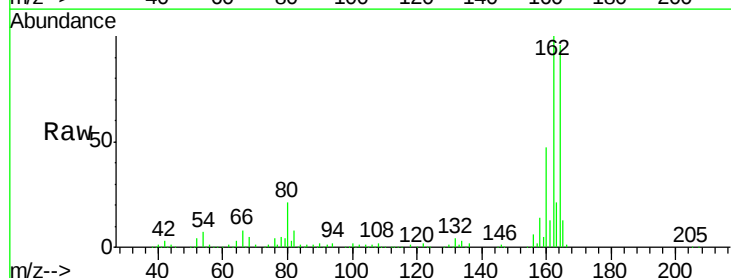
Ion Ratio Lower Upper

165 100

63 1.5 33.8 50.6#

89 1.9 55.4 83.2#

182 0.0 2.2 3.4#

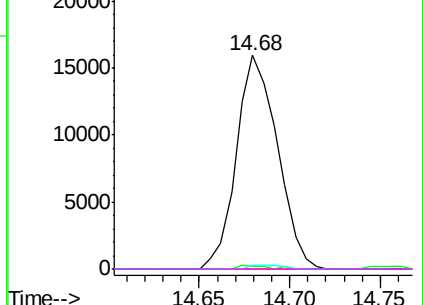


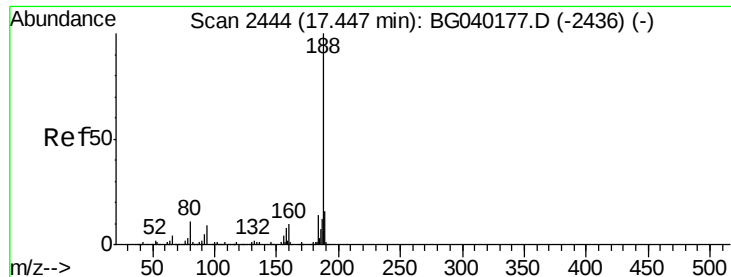
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040301.D

Acq: 2 Apr 2019 17:58

Instrument :

BNA_G

ClientSampleId :

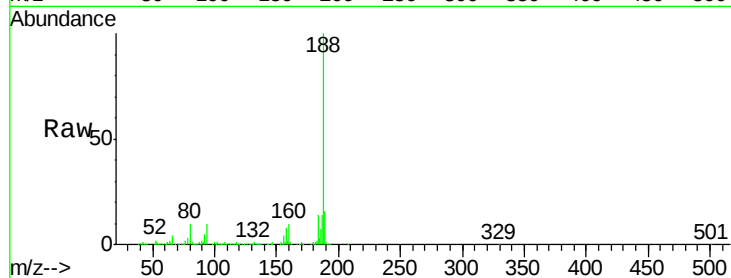
Tot Ion:188 Resp: 479877

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.1 8.6 13.0



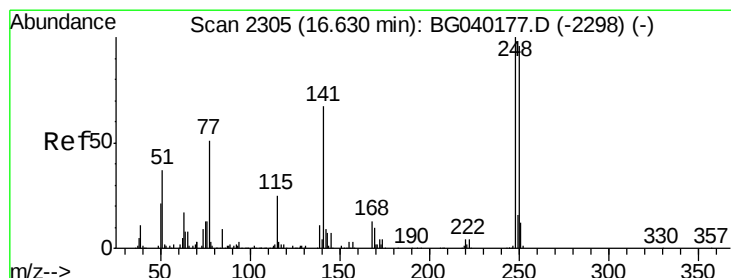
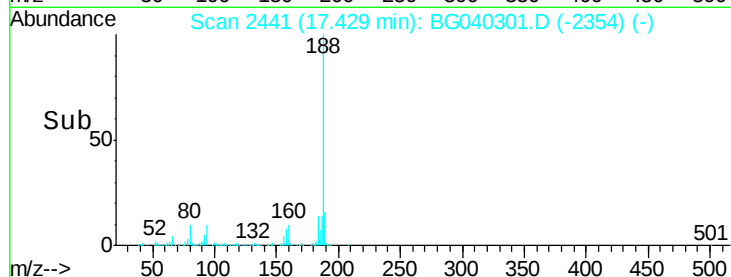
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.43

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.676 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.46 min

Lab File: BG040301.D

Acq: 2 Apr 2019 17:58

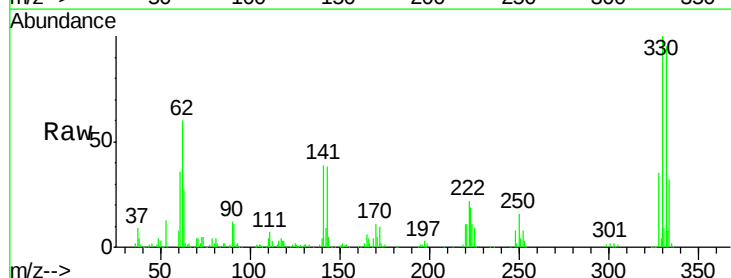
Tgt Ion:248 Resp: 19850

Ion Ratio Lower Upper

248 100

250 199.6 76.4 114.6#

141 481.9 53.8 80.8#



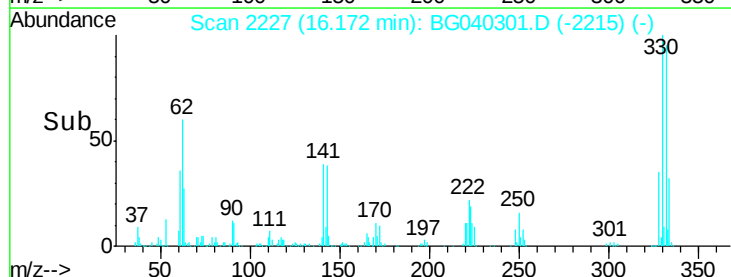
Abundance Ion 248.00 (247.70 to 248.70): E

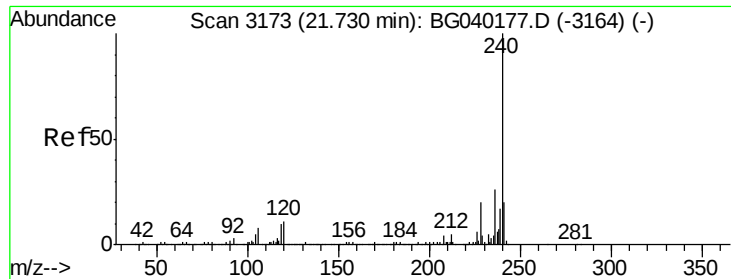
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.17

Time-->

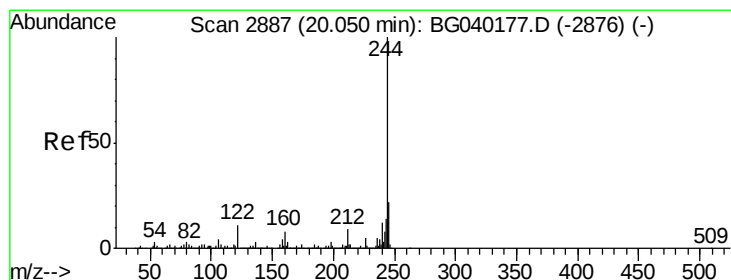
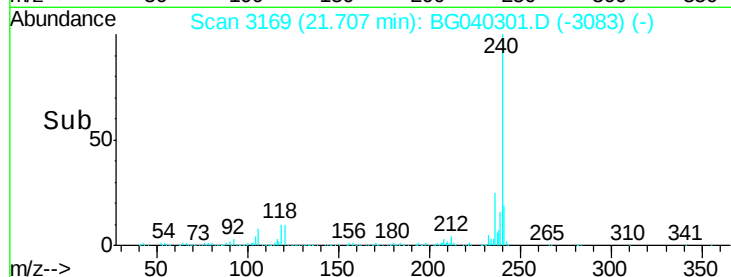
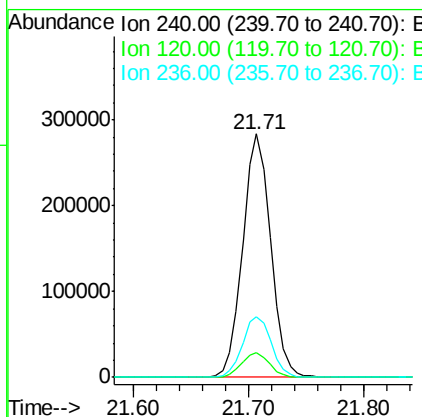
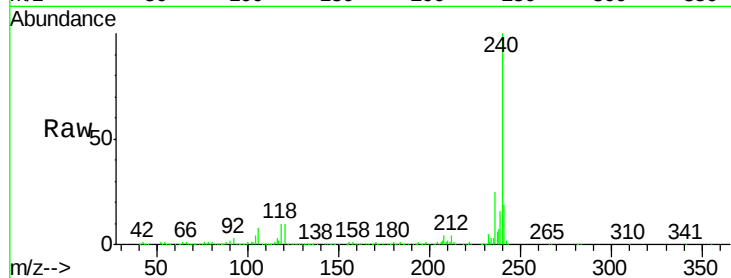




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040301.D
 Acq: 2 Apr 2019 17:58

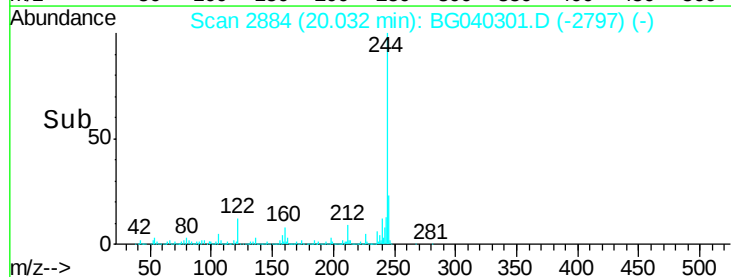
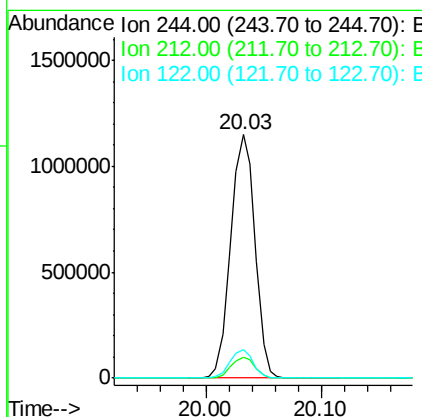
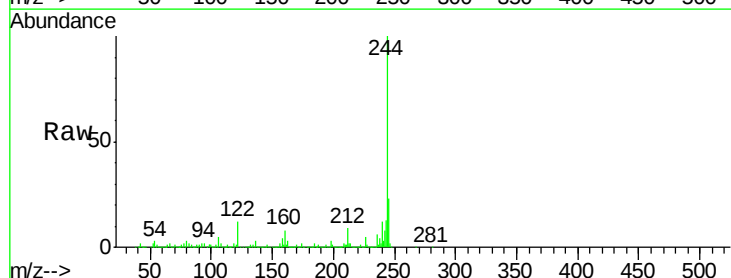
Instrument :
 BNA_G
 ClientSampleId :

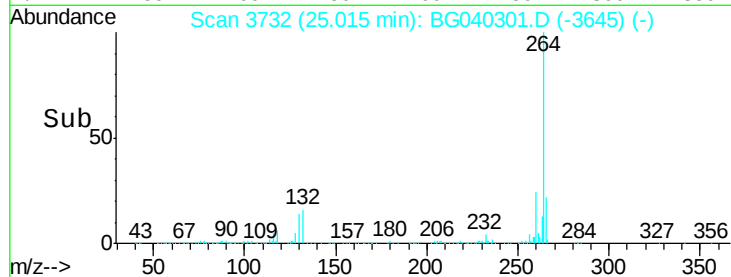
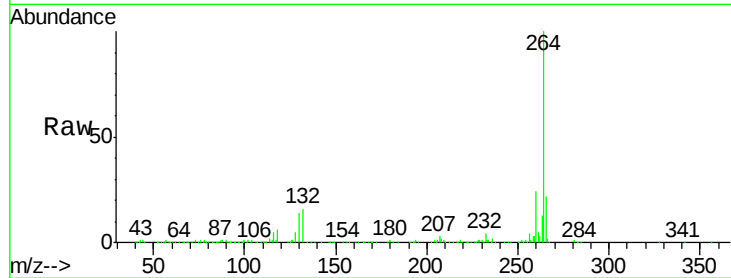
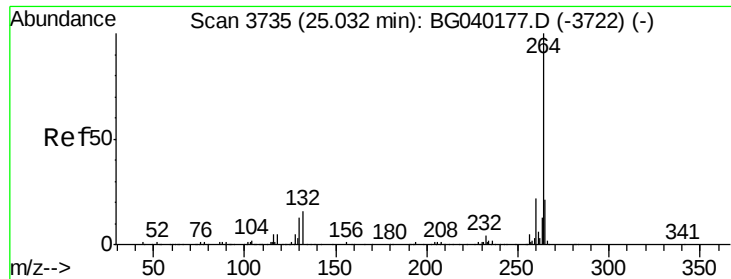
Tot Ion:240 Resp: 477011
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.4 12.6
 236 24.7 20.8 31.2



#79
 Terphenyl-d14
 Concen: 78.681 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.02 min
 Lab File: BG040301.D
 Acq: 2 Apr 2019 17:58

Tgt Ion:244 Resp: 1668338
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.0 10.6
 122 11.6 8.5 12.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3732
 Delta R.T. -0.02 min
 Lab File: BG040301.D
 Acq: 2 Apr 2019 17:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.9	26.9
265	22.0	16.8	25.2

