

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
 Data File : BG039987.D
 Acq On : 19 Mar 2019 2:30
 Operator : JU/SJ
 Sample : K1901-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(12-13)

Quant Time: Mar 19 07:52:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

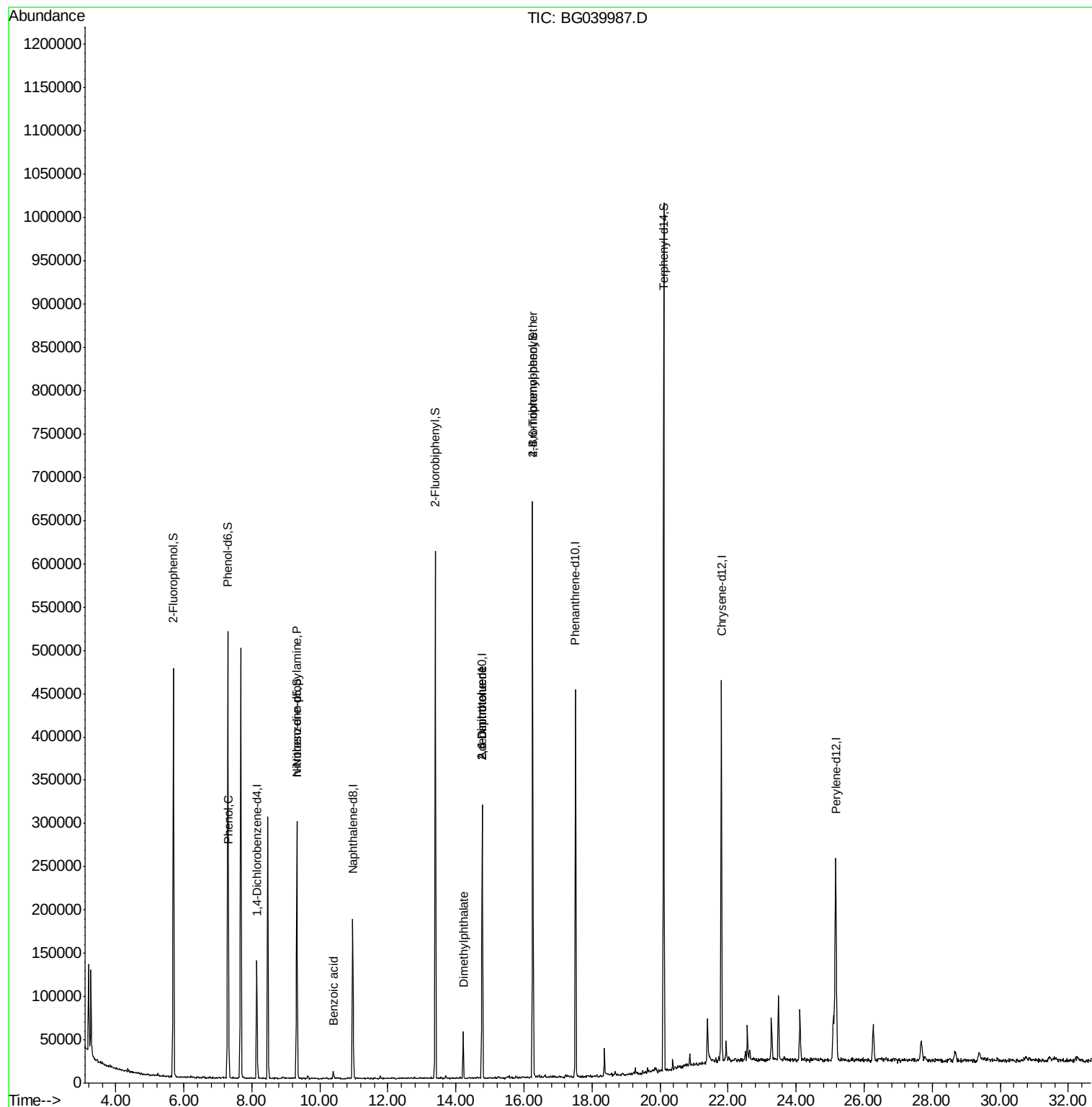
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35613	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	155480	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	110865	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	271310	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	270159	20.00	ng	-0.03
87) Perylene-d12	25.16	264	268359	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	194007	92.94	ng	-0.02
7) Phenol-d6	7.29	99	288573	92.71	ng	-0.02
23) Nitrobenzene-d5	9.32	82	175213	60.95	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	114318	88.47	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	324735	41.71	ng	-0.02
79) Terphenyl-d14	20.11	244	477323	38.90	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	14769	4.380	ng	89
19) n-Nitroso-di-n-propylamine	9.32	70	23495	10.487	ng	# 67
32) Benzoic acid	10.39	122	1919	7.663	ng	# 31
50) Dimethylphthalate	14.21	163	35202	3.797	ng	99
51) 2,6-Dinitrotoluene	14.77	165	14092	7.170	ng	# 23
57) 2,4-Dinitrotoluene	14.77	165	14092	5.103	ng	# 19
67) 4-Bromophenyl-phenylether	16.26	248	8746	2.880	ng	# 1

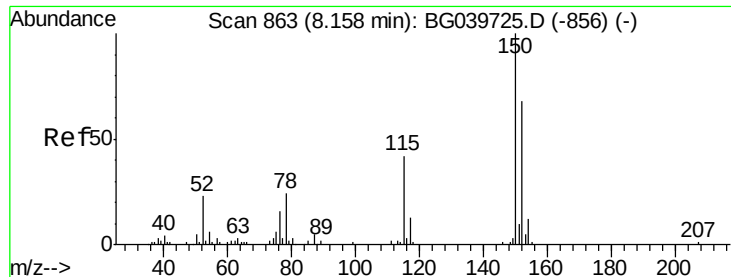
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 04 14:38:15 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG039987.D

Acq: 19 Mar 2019 2:30

Instrument :

BNA_G

ClientSampleId :

SB-1(12-13)

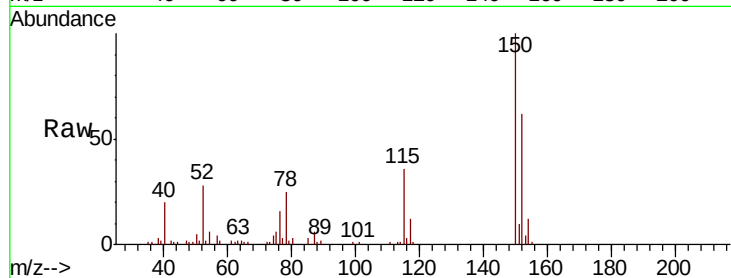
Tgt Ion:152 Resp: 35613

Ion Ratio Lower Upper

152 100

150 160.7 123.7 185.5

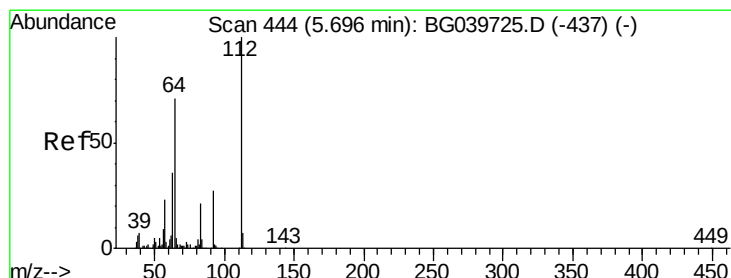
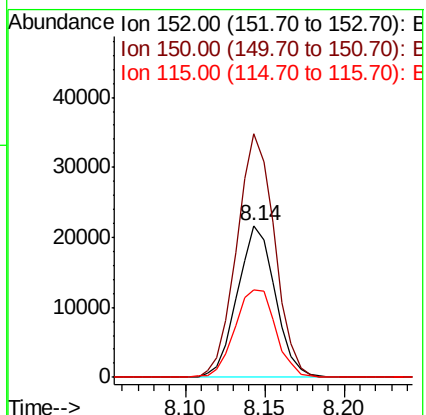
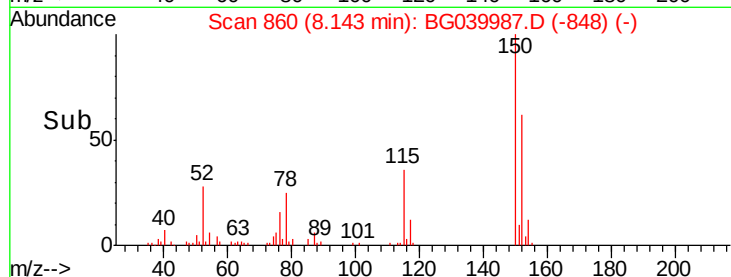
115 57.8 45.9 68.9



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: 92.937 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG039987.D

Acq: 19 Mar 2019 2:30

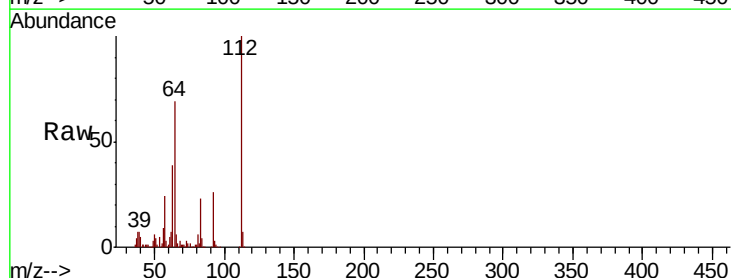
Tgt Ion:112 Resp: 194007

Ion Ratio Lower Upper

112 100

64 69.2 57.8 86.8

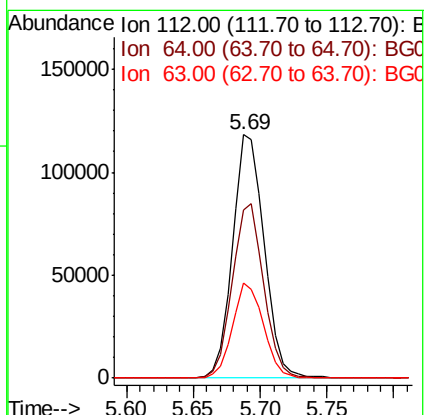
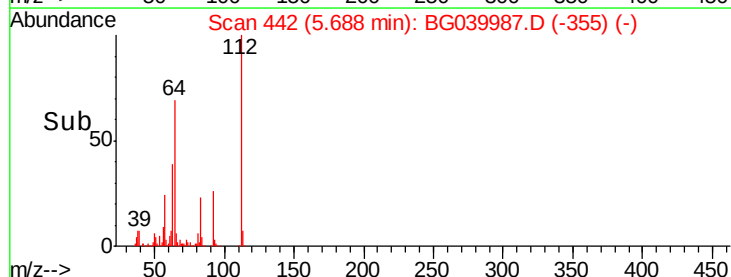
63 38.9 29.8 44.6

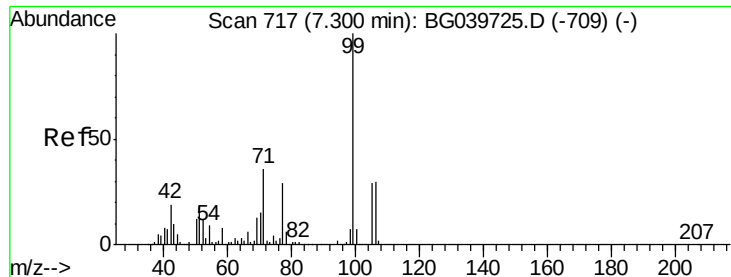


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 92.712 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039987.D

Acq: 19 Mar 2019 2:30

Instrument :

BNA_G

ClientSampleId :

SB-1(12-13)

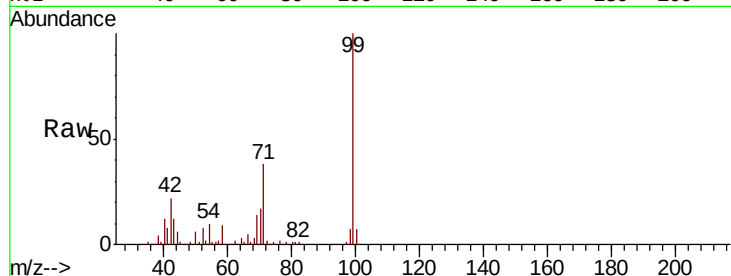
Tgt Ion: 99 Resp: 288573

Ion Ratio Lower Upper

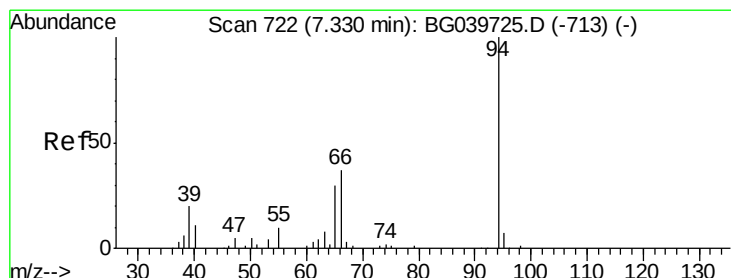
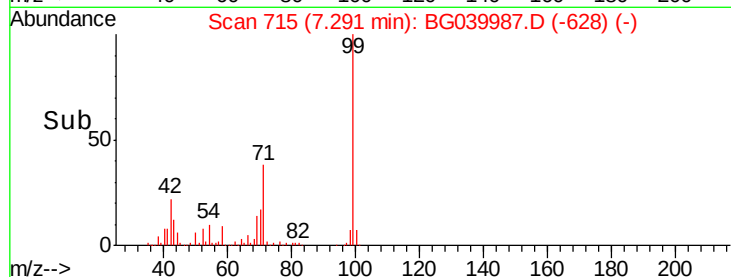
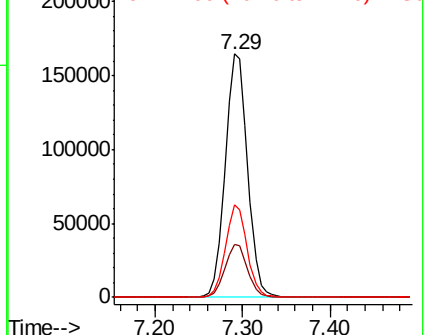
99 100

42 21.7 18.2 27.2

71 38.2 28.0 42.0



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: 4.380 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.02 min

Lab File: BG039987.D

Acq: 19 Mar 2019 2:30

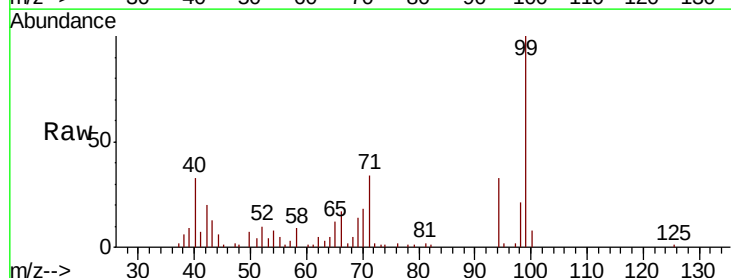
Tgt Ion: 94 Resp: 14769

Ion Ratio Lower Upper

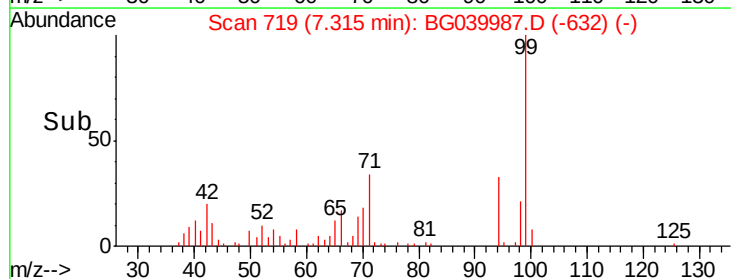
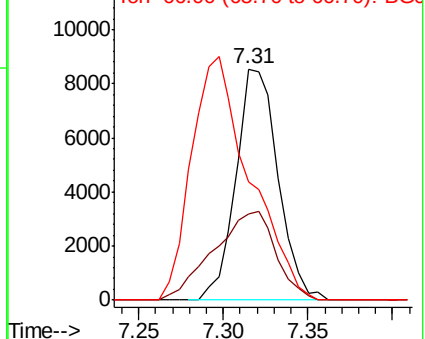
94 100

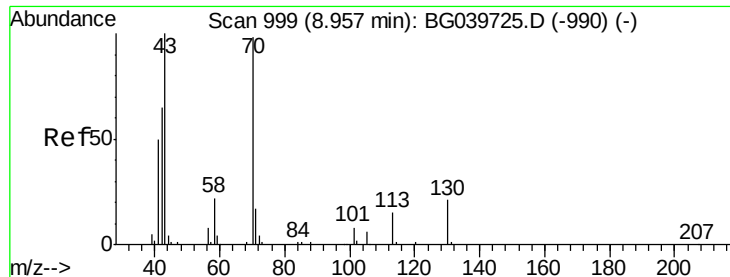
65 37.2 11.7 51.7

66 51.2 23.7 63.7



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

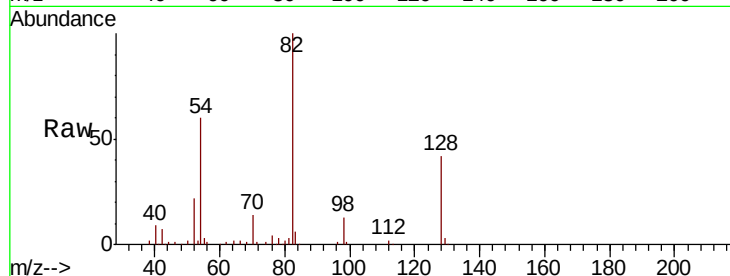




#19
n-Nitroso-di-n-propylamine
Concen: 10.487 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG039987.D
Acq: 19 Mar 2019 2:30

Instrument :
BNA_G
ClientSampled :
SB-1(12-13)

Tgt Ion: 70 Resp: 23495
Ion Ratio Lower Upper
70 100
42 48.7 60.4 90.6#
101 0.0 7.5 11.3#
130 1.4 16.9 25.3#



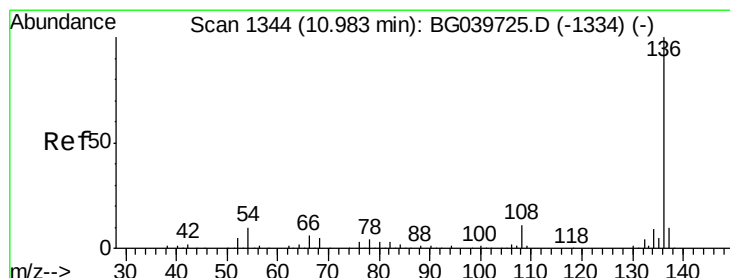
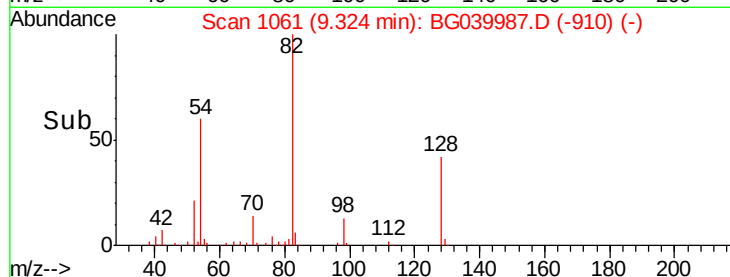
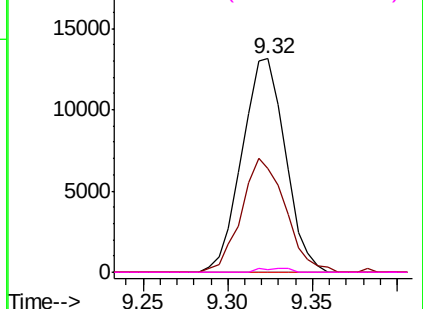
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

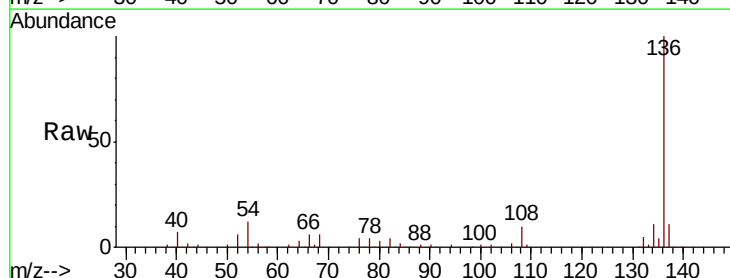
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG039987.D
Acq: 19 Mar 2019 2:30

Tgt Ion: 136 Resp: 155480
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 12.4 9.4 14.2
68 6.2 4.2 6.4



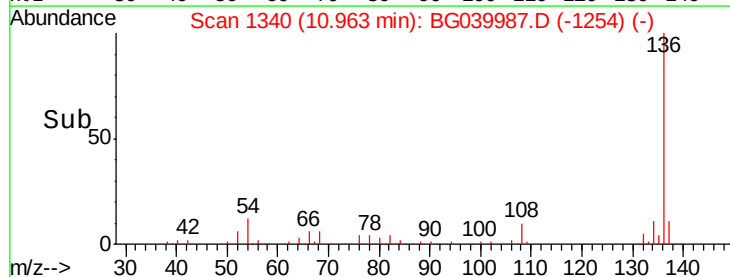
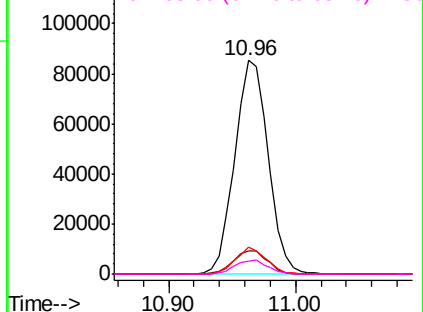
Abundance

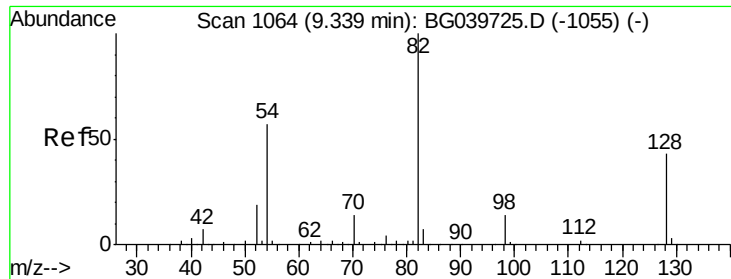
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

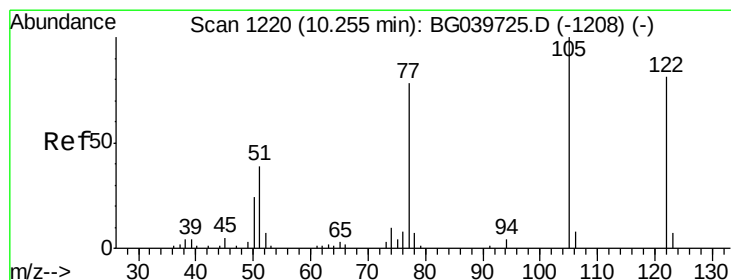
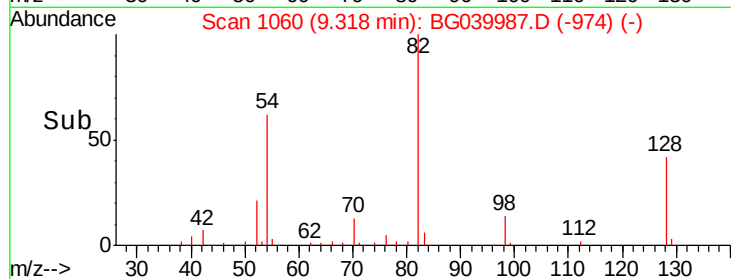
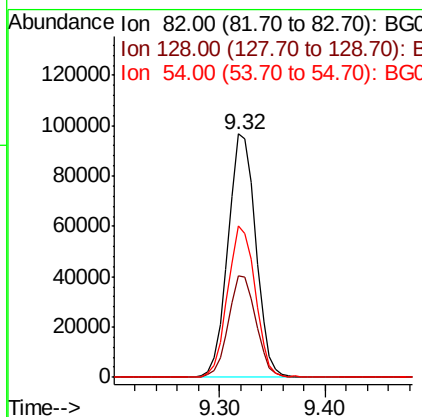
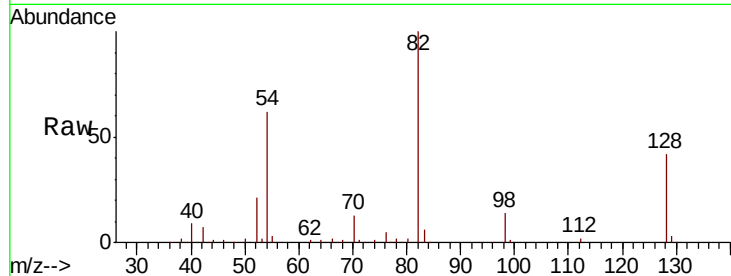




#23
 Nitrobenzene-d5
 Concen: 60.948 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG039987.D
 Acq: 19 Mar 2019 2:30

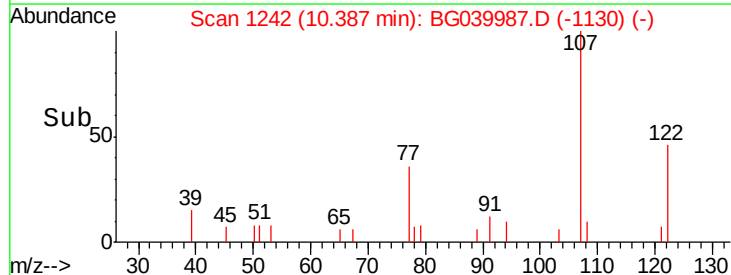
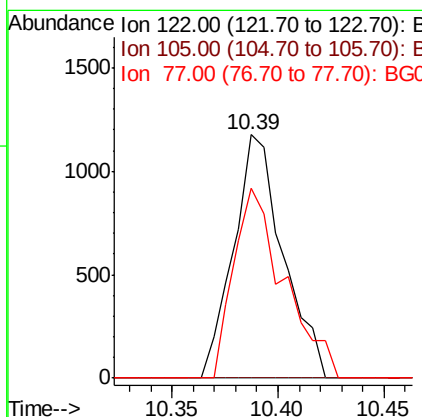
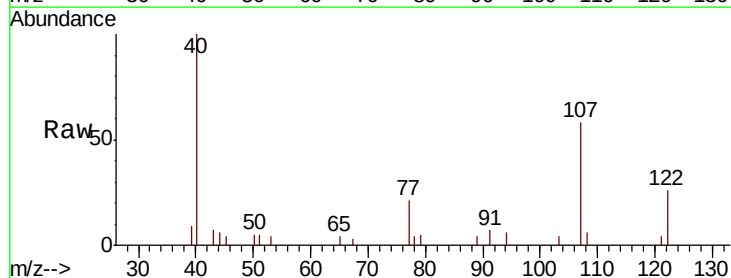
Instrument :
 BNA_G
 ClientSampleId :
 SB-1(12-13)

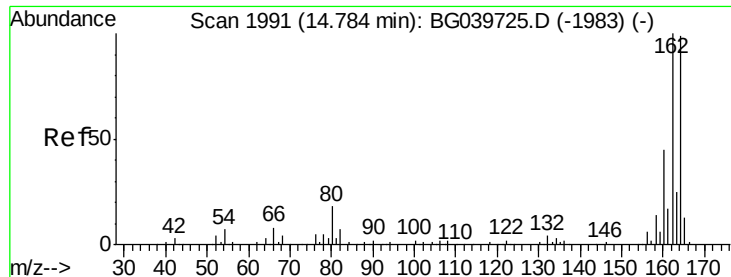
Tgt Ion: 82 Resp: 175213
 Ion Ratio Lower Upper
 82 100
 128 41.6 31.3 46.9
 54 62.0 50.9 76.3



#32
 Benzoic acid
 Concen: 7.663 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. 0.13 min
 Lab File: BG039987.D
 Acq: 19 Mar 2019 2:30

Tgt Ion: 122 Resp: 1919
 Ion Ratio Lower Upper
 122 100
 105 0.0 101.8 141.8#
 77 78.0 76.3 116.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG039987.D

Acq: 19 Mar 2019 2:30

Instrument :

BNA_G

ClientSampleId :

SB-1(12-13)

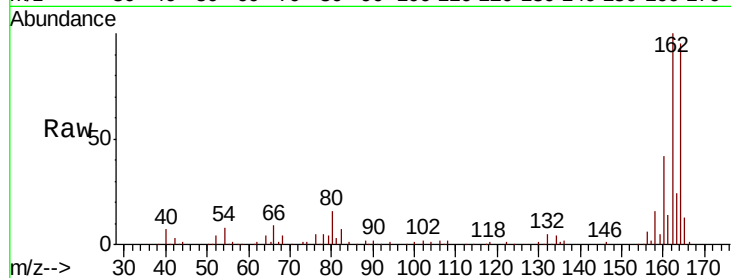
Tgt Ion:164 Resp: 110865

Ion Ratio Lower Upper

164 100

162 105.3 81.6 122.4

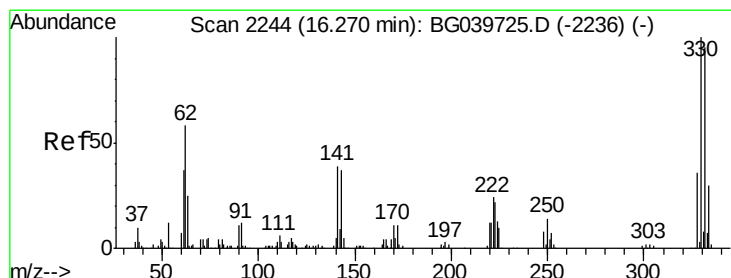
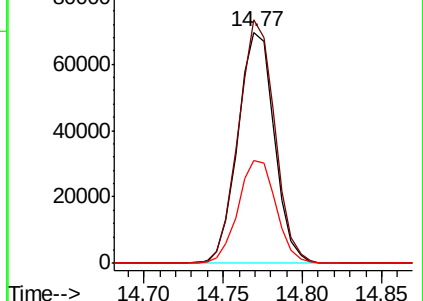
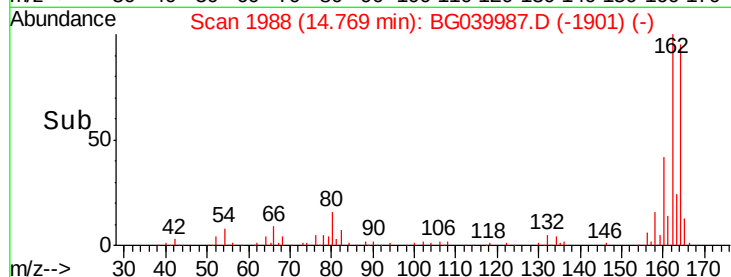
160 44.2 34.2 51.2



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: 88.467 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039987.D

Acq: 19 Mar 2019 2:30

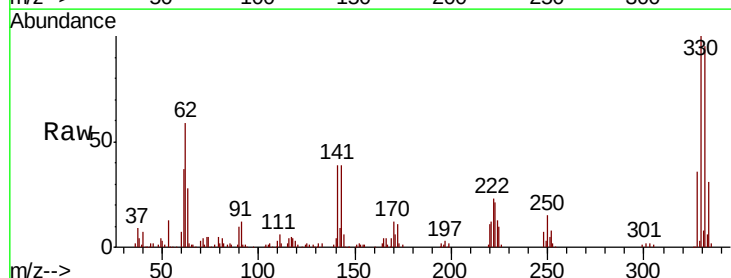
Tgt Ion:330 Resp: 114318

Ion Ratio Lower Upper

330 100

332 96.9 75.7 113.5

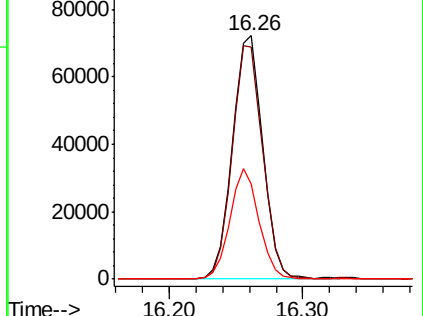
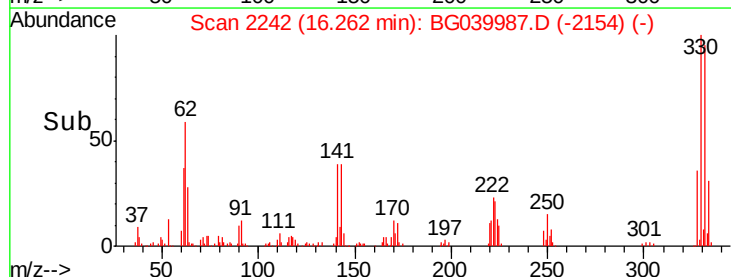
141 43.7 35.6 53.4

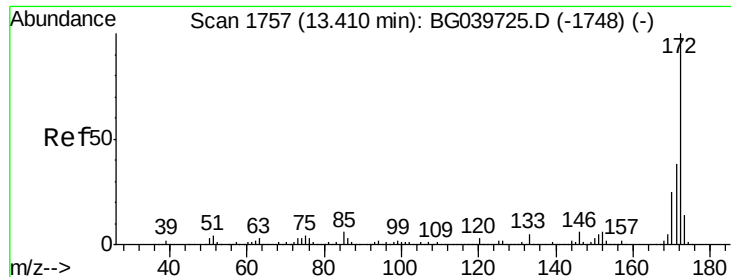


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

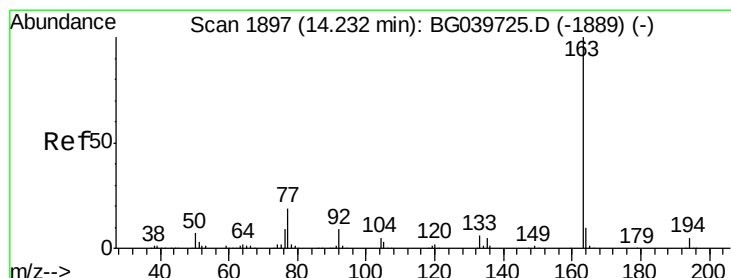
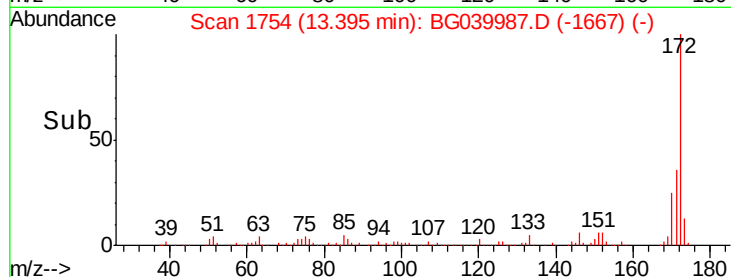
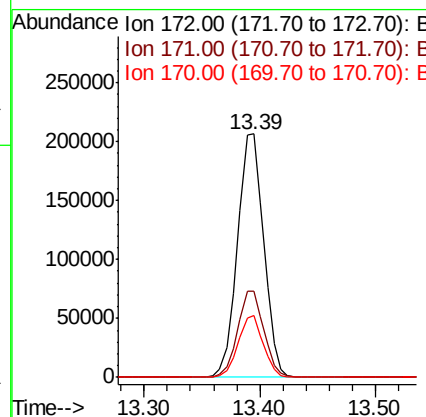
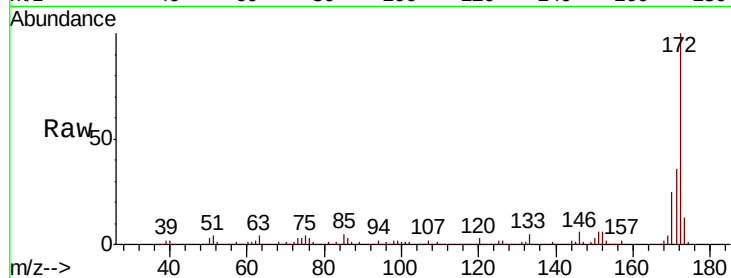




#45
2-Fluorobiphenyl
Concen: 41.705 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039987.D
Acq: 19 Mar 2019 2:30

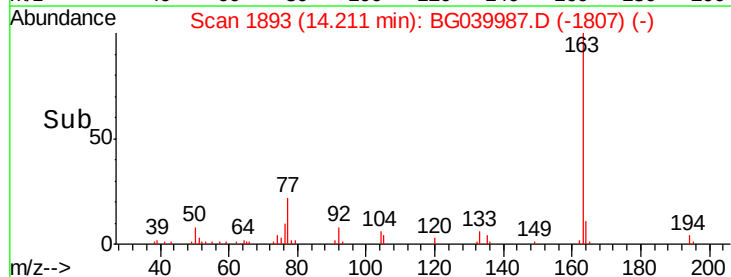
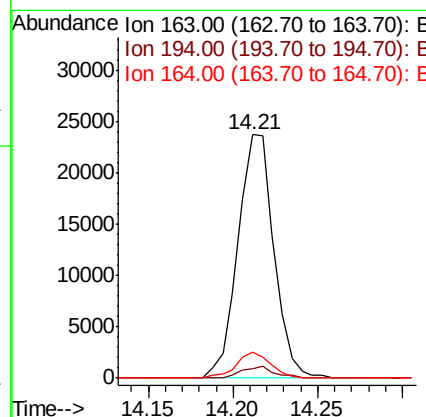
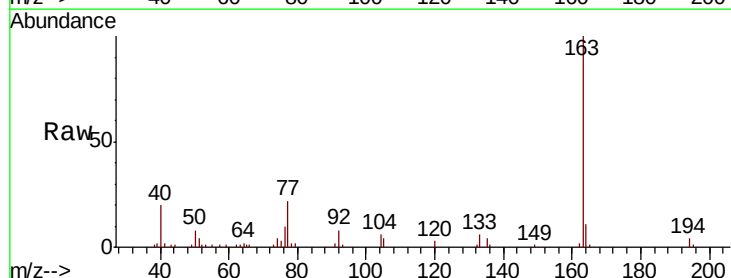
Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

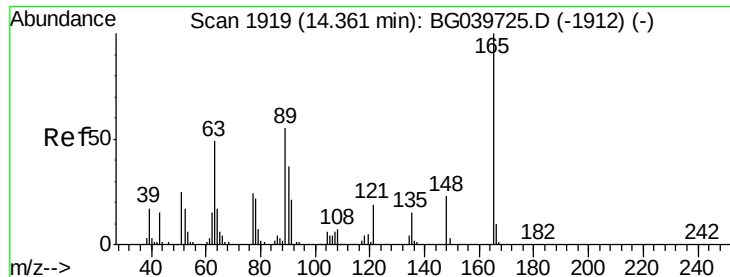
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.8	46.2
170	25.2	20.2	30.4



#50
Dimethylphthalate
Concen: 3.797 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG039987.D
Acq: 19 Mar 2019 2:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	10.6	8.4	12.6

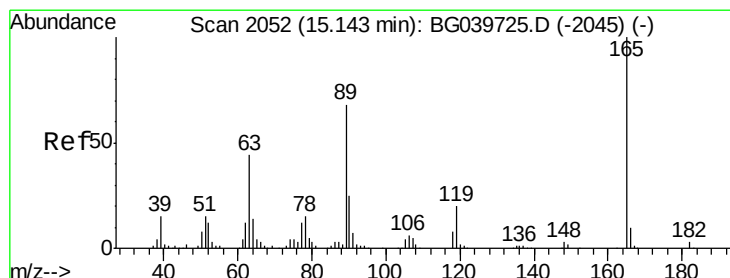
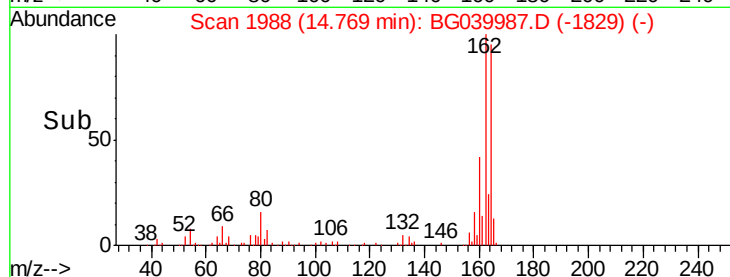
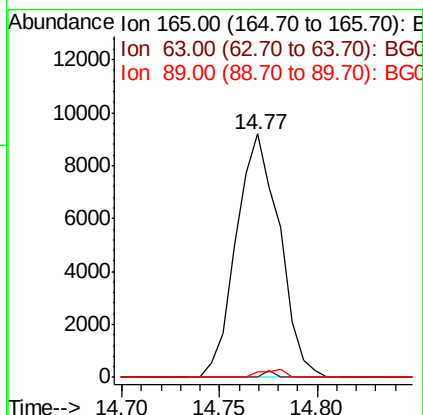
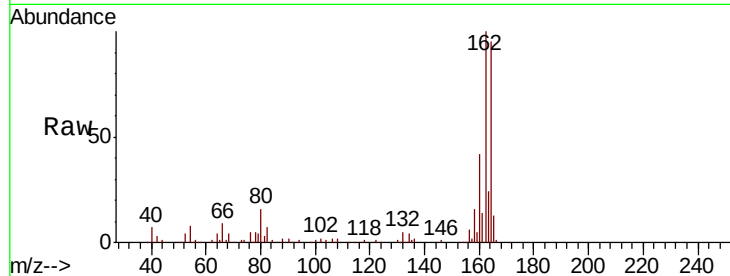




#51
 2,6-Dinitrotoluene
 Concen: 7.170 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.40 min
 Lab File: BG039987.D
 Acq: 19 Mar 2019 2:30

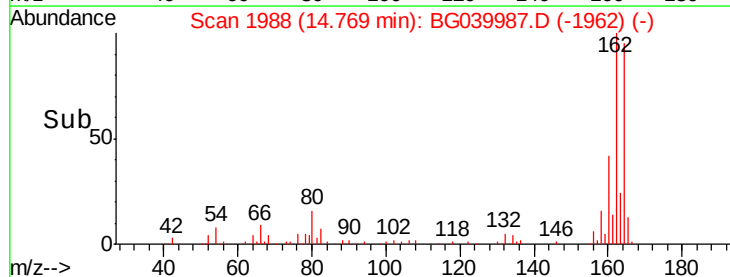
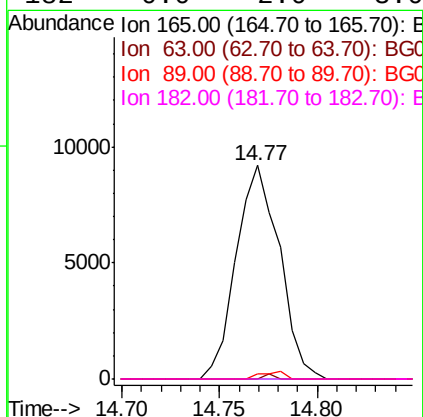
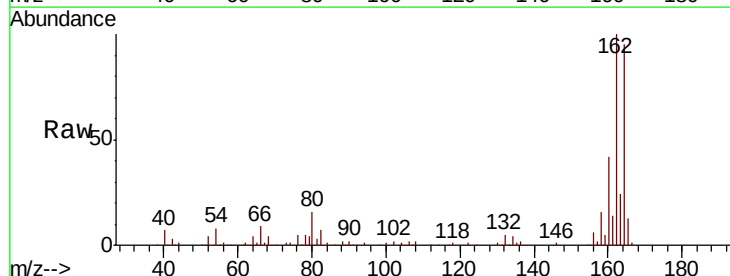
Instrument :
 BNA_G
 ClientSampleId :
 SB-1(12-13)

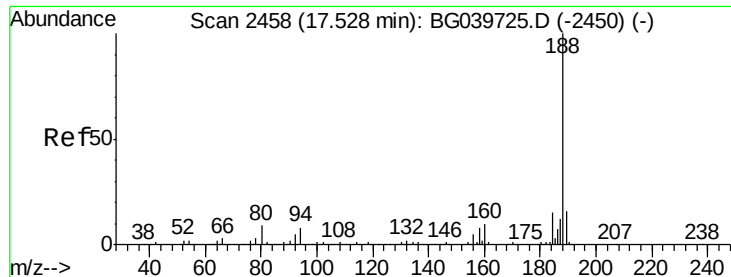
Tgt Ion:165 Resp: 14092
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 2.2 45.8 68.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.103 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG039987.D
 Acq: 19 Mar 2019 2:30

Tgt Ion:165 Resp: 14092
 Ion Ratio Lower Upper
 165 100
 63 0.0 41.0 61.6#
 89 2.2 64.6 96.8#
 182 0.0 2.0 3.0#

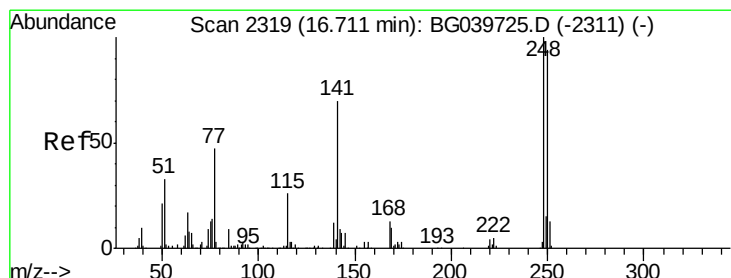
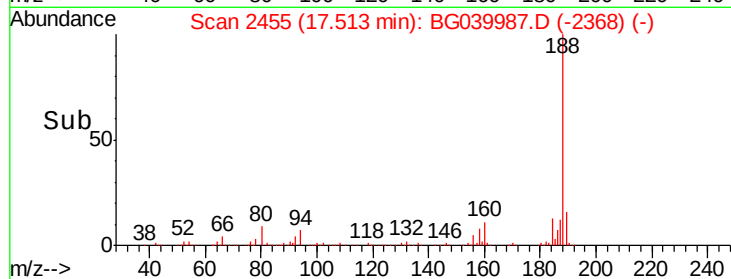
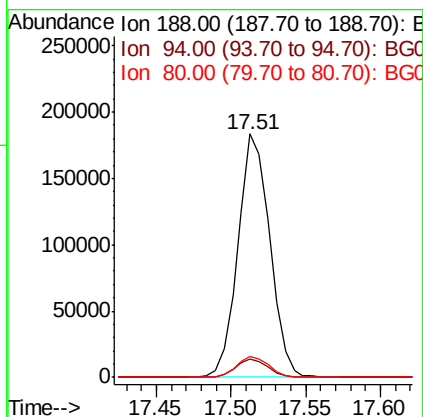
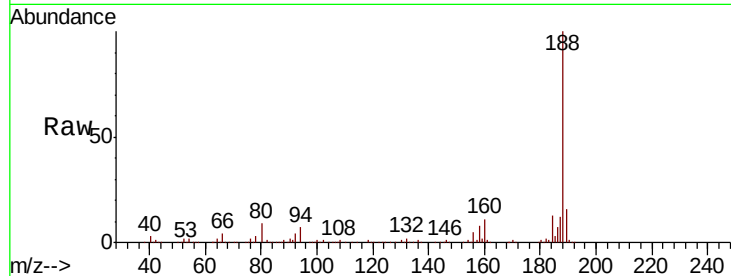




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG039987.D
 Acq: 19 Mar 2019 2:30

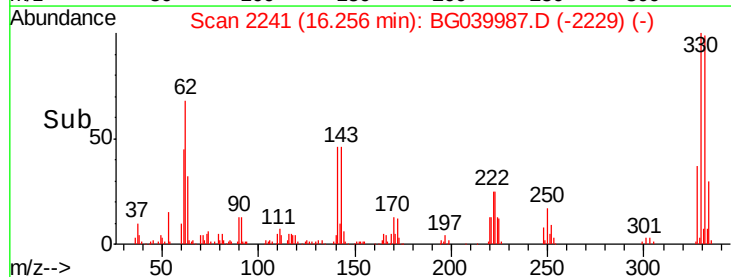
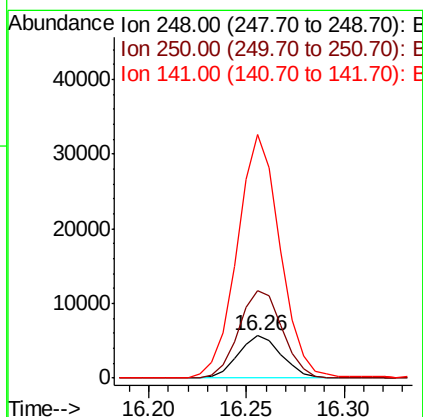
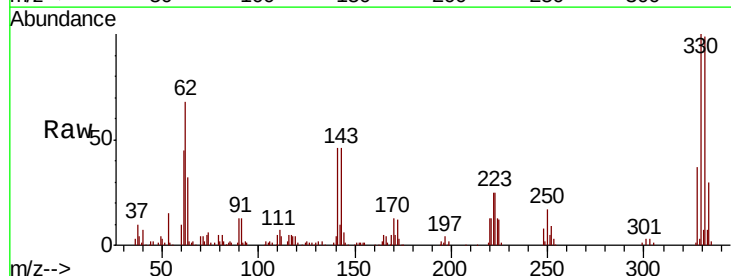
Instrument :
 BNA_G
 ClientSampleId :
 SB-1(12-13)

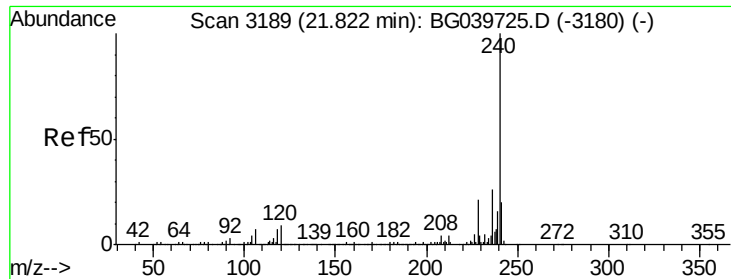
Tgt Ion:188 Resp: 271310
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.9 10.3
 80 8.7 8.1 12.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.880 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG039987.D
 Acq: 19 Mar 2019 2:30

Tgt Ion:248 Resp: 8746
 Ion Ratio Lower Upper
 248 100
 250 208.4 77.6 116.4#
 141 577.7 63.9 95.9#

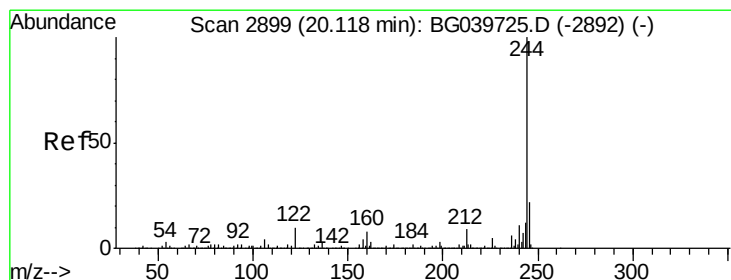
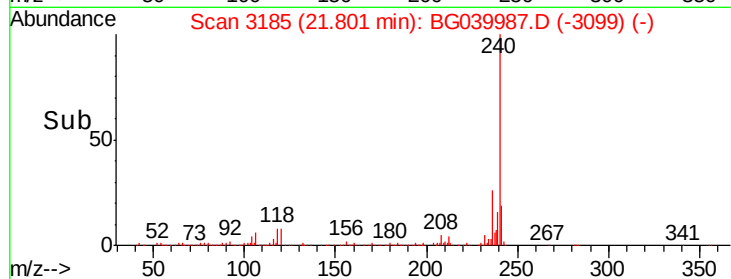
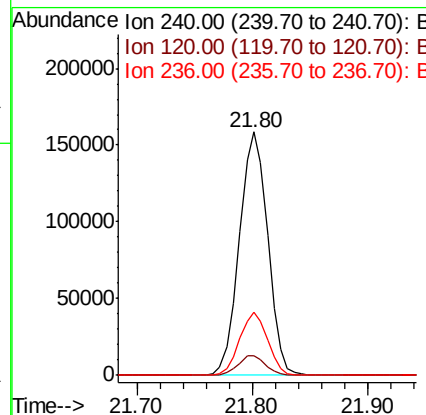
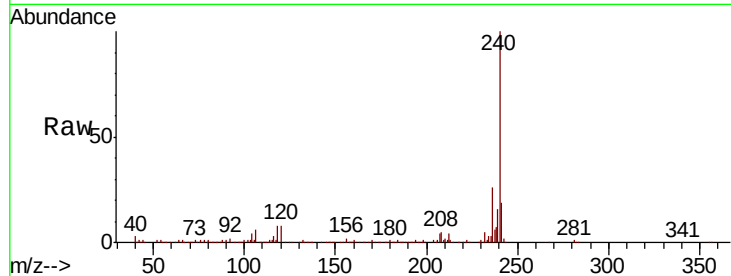




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG039987.D
Acq: 19 Mar 2019 2:30

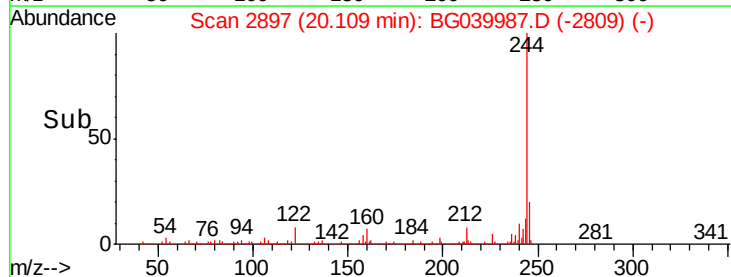
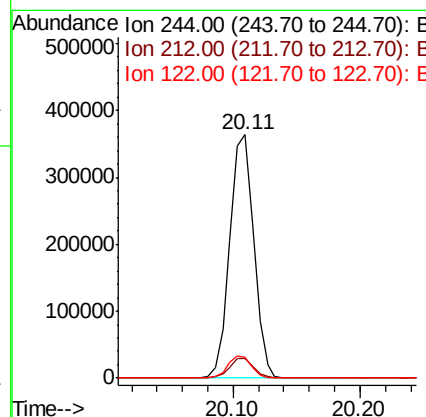
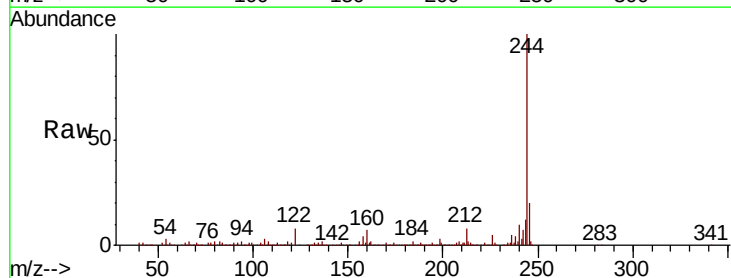
Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

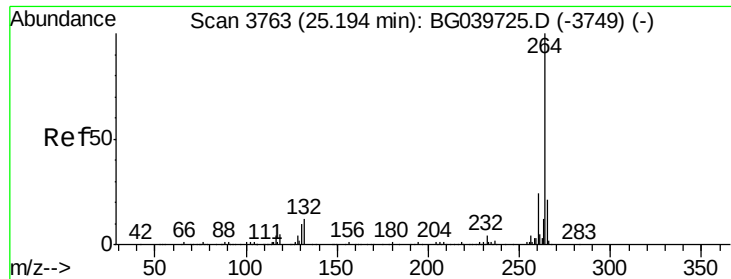
Tgt Ion:240 Resp: 270159
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.9 21.0 31.4



#79
Terphenyl-d14
Concen: 38.902 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG039987.D
Acq: 19 Mar 2019 2:30

Tgt Ion:244 Resp: 477323
Ion Ratio Lower Upper
244 100
212 8.2 7.3 10.9
122 8.4 8.4 12.6#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG039987.D
Acq: 19 Mar 2019 2:30

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	20.5	18.5	27.7

