

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039949.D
 Acq On : 15 Mar 2019 20:08
 Operator : JU/SJ
 Sample : K1909-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 93-94

Quant Time: Mar 16 04:09:59 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

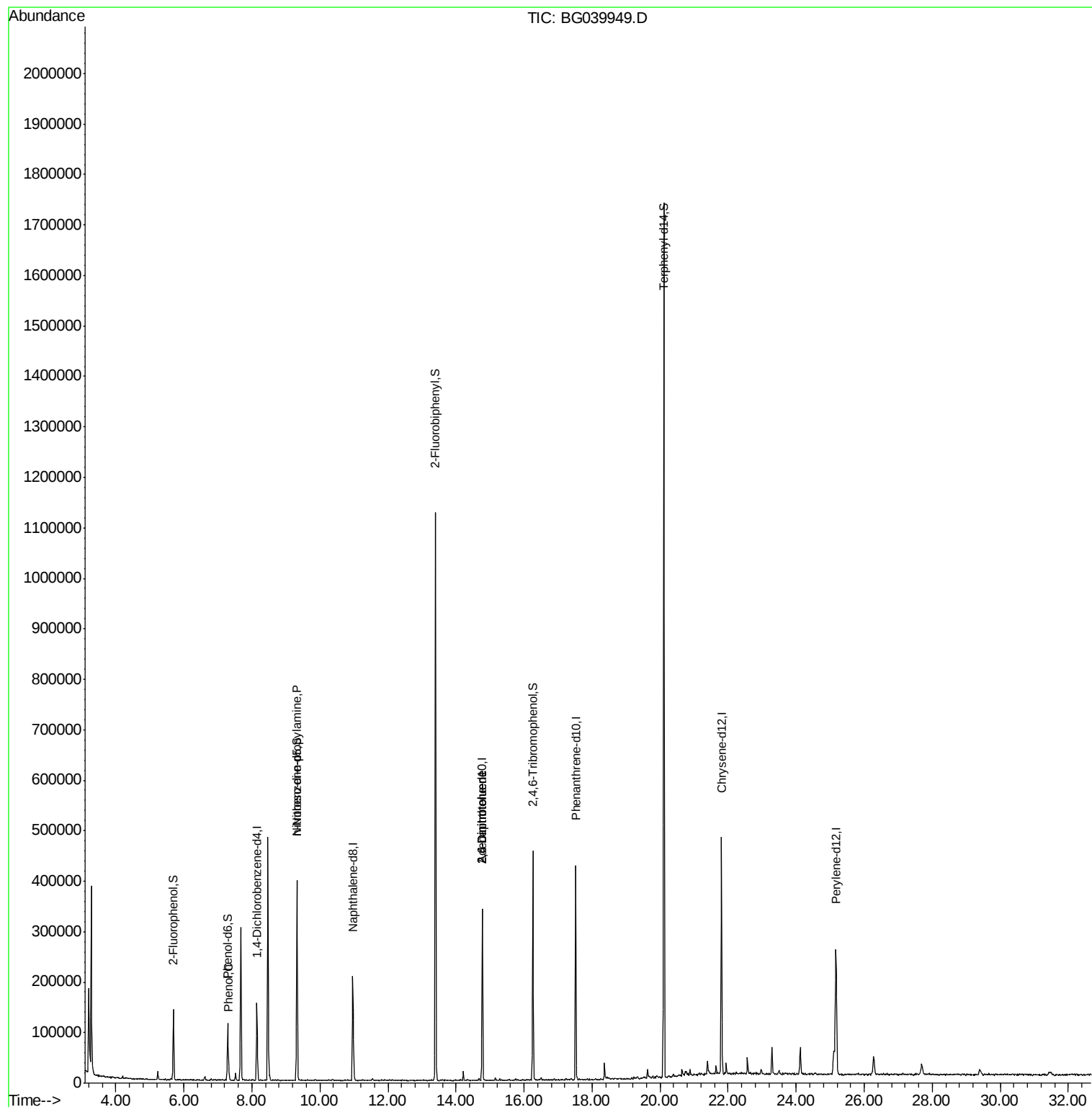
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41352	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	174502	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	114468	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	265342	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	279762	20.00	ng	-0.02
87) Perylene-d12	25.17	264	285755	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	59332	24.48	ng	-0.02
7) Phenol-d6	7.29	99	58372	16.15	ng	-0.02
23) Nitrobenzene-d5	9.32	82	236894	73.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	80068	60.01	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	594865	73.99	ng	-0.02
79) Terphenyl-d14	20.11	244	810773	63.81	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	12805	3.270	ng	98
19) n-Nitroso-di-n-propylamine	9.33	70	30927	11.889	ng	# 67
51) 2,6-Dinitrotoluene	14.77	165	14481	7.136	ng	# 23
57) 2,4-Dinitrotoluene	14.77	165	14481	5.079	ng	# 18

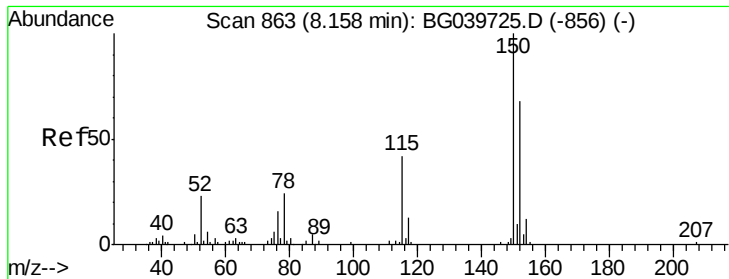
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
Data File : BG039949.D
Acq On : 15 Mar 2019 20:08
Operator : JU/SJ
Sample : K1909-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
93-94

Quant Time: Mar 16 04:09:59 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



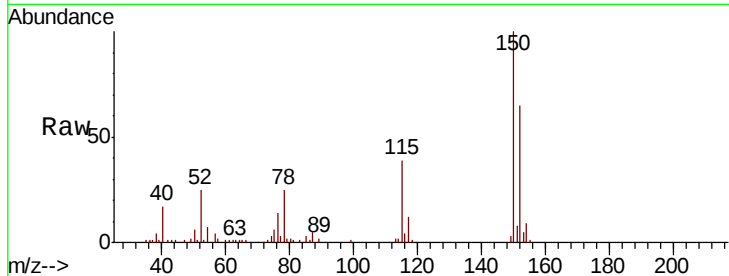


#1

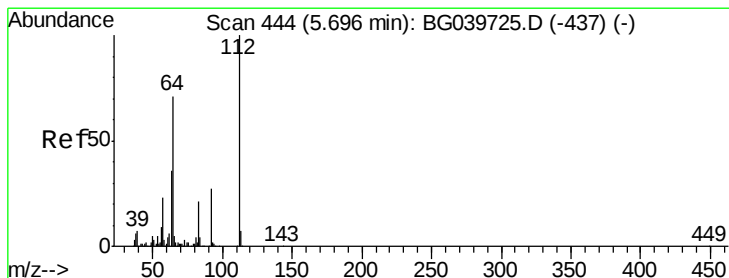
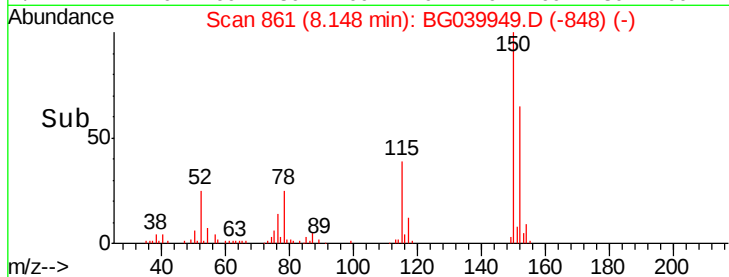
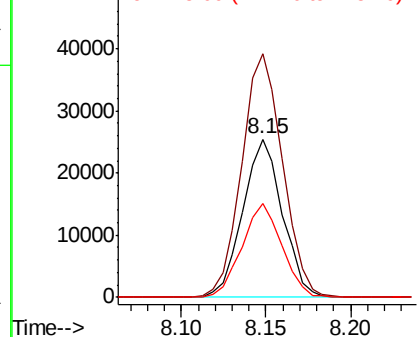
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039949.D
Acq: 15 Mar 2019 20:08

Instrument :
BNA_G
ClientSampled :
93-94

Tgt Ion:152 Resp: 41352
Ion Ratio Lower Upper
152 100
150 154.2 123.7 185.5
115 59.7 45.9 68.9



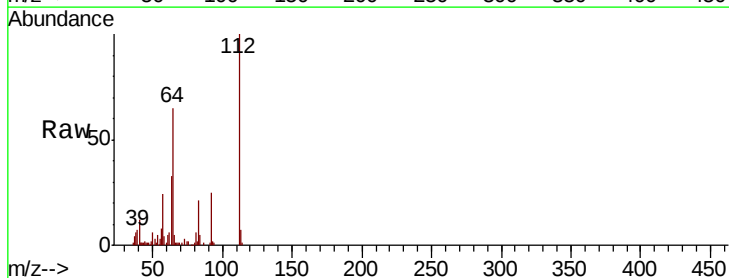
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



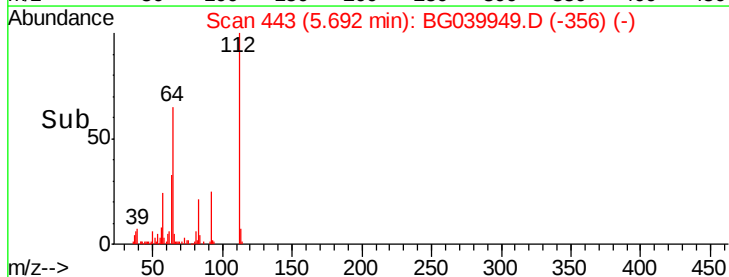
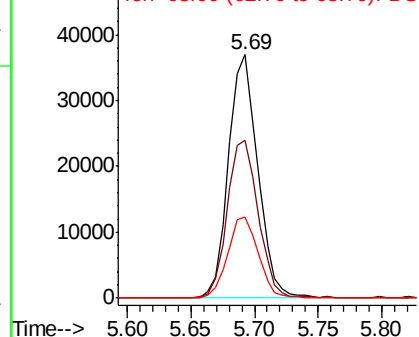
#5

2-Fluorophenol
Concen: 24.478 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039949.D
Acq: 15 Mar 2019 20:08

Tgt Ion:112 Resp: 59332
Ion Ratio Lower Upper
112 100
64 64.8 57.8 86.8
63 33.4 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: 16.151 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039949.D

Acq: 15 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

93-94

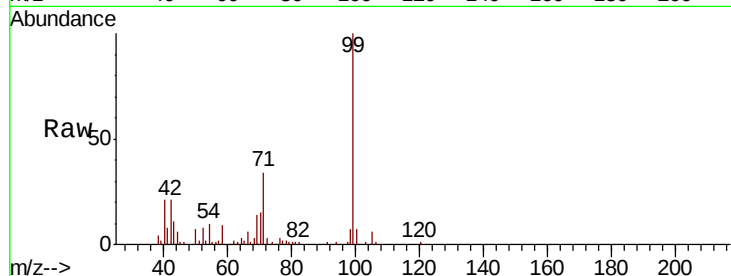
Tgt Ion: 99 Resp: 58372

Ion Ratio Lower Upper

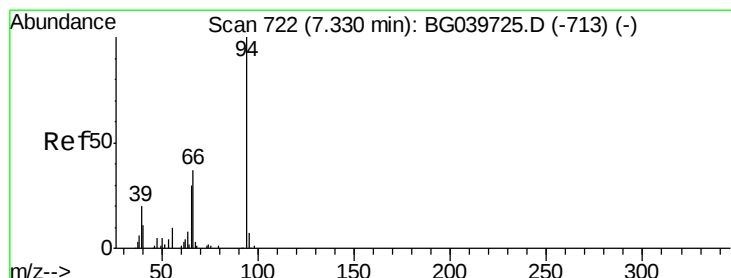
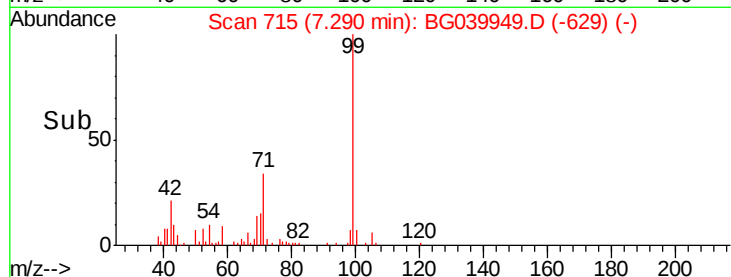
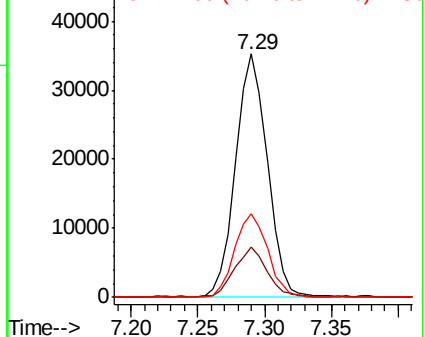
99 100

42 20.9 18.2 27.2

71 34.3 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: 3.270 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.02 min

Lab File: BG039949.D

Acq: 15 Mar 2019 20:08

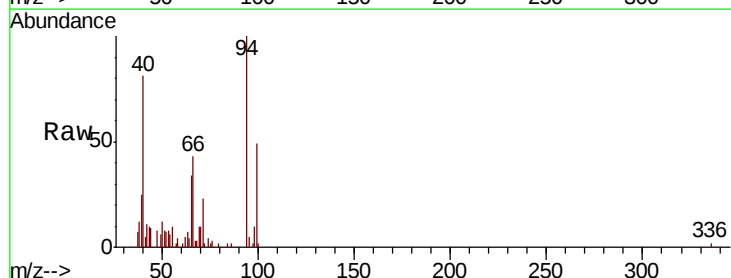
Tgt Ion: 94 Resp: 12805

Ion Ratio Lower Upper

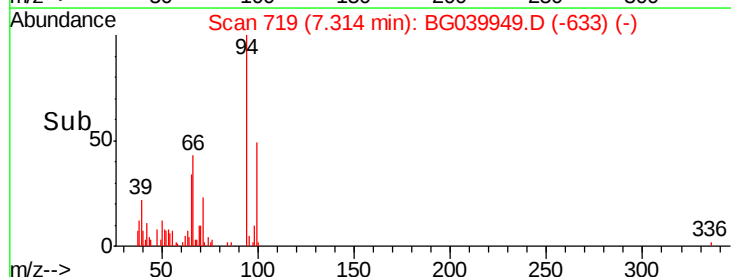
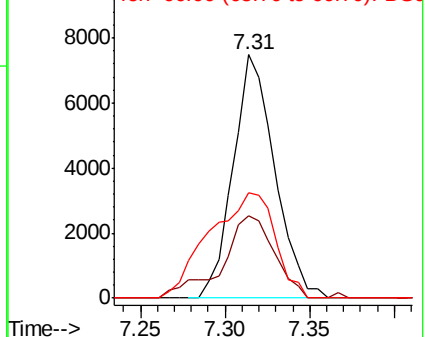
94 100

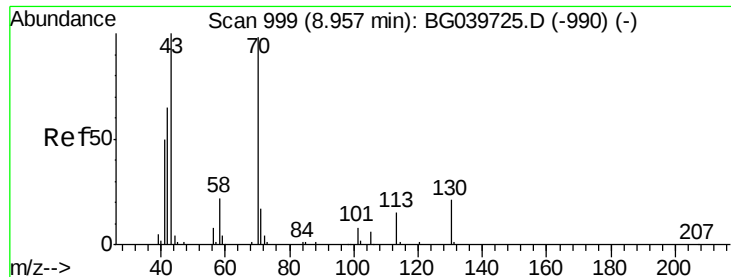
65 34.1 11.7 51.7

66 43.4 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: 11.889 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039949.D

Acq: 15 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

93-94

Tgt Ion: 70 Resp: 30927

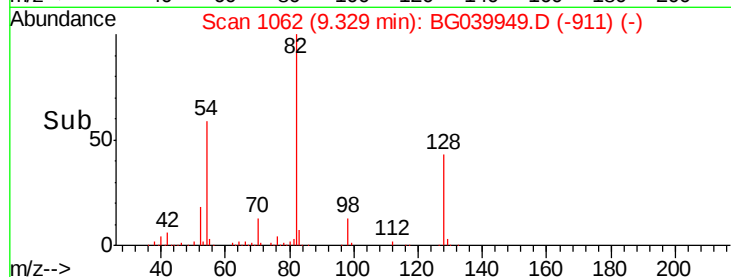
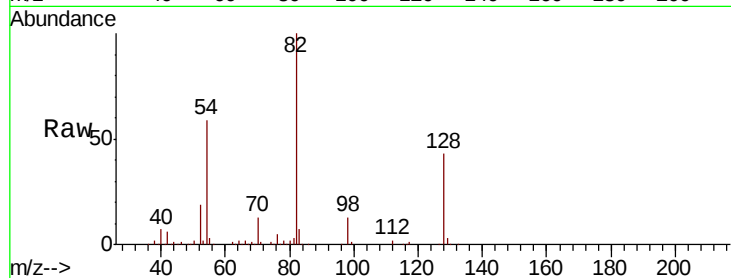
Ion Ratio Lower Upper

70 100

42 47.8 60.4 90.6#

101 0.0 7.5 11.3#

130 2.2 16.9 25.3#



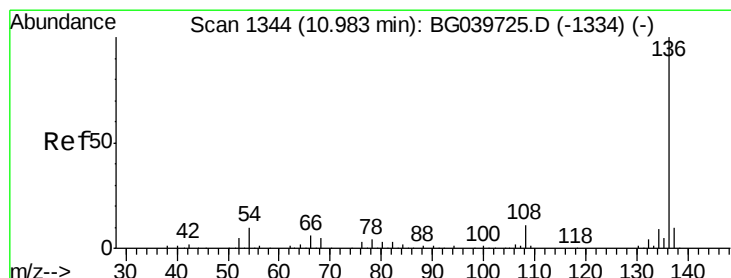
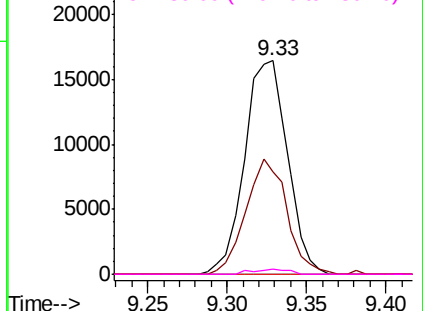
Abundance

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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039949.D

Acq: 15 Mar 2019 20:08

Tgt Ion: 136 Resp: 174502

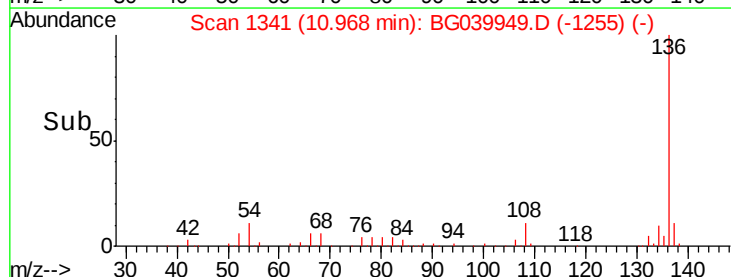
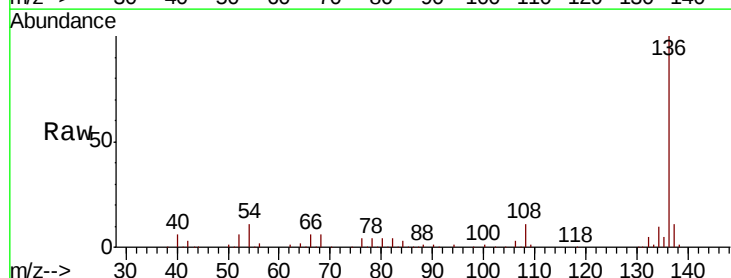
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 11.1 9.4 14.2

68 5.5 4.2 6.4



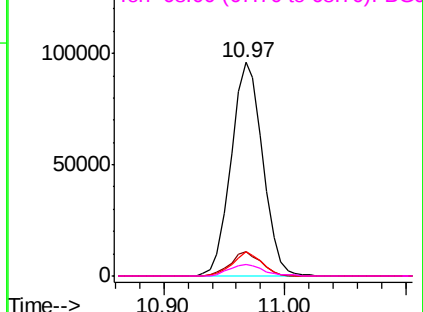
Abundance

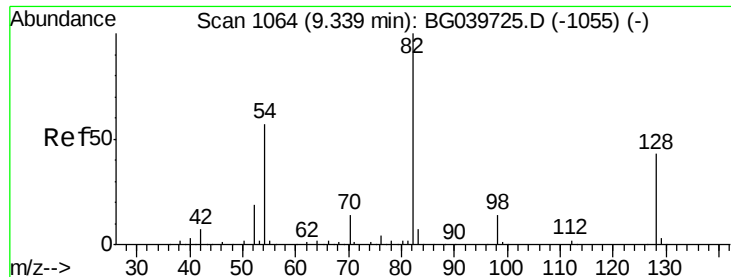
Ion 136.00 (135.70 to 136.70): BGC

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

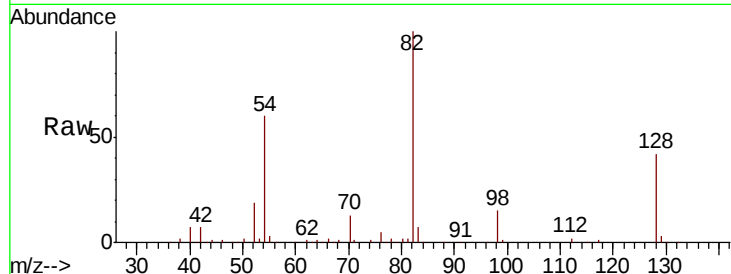




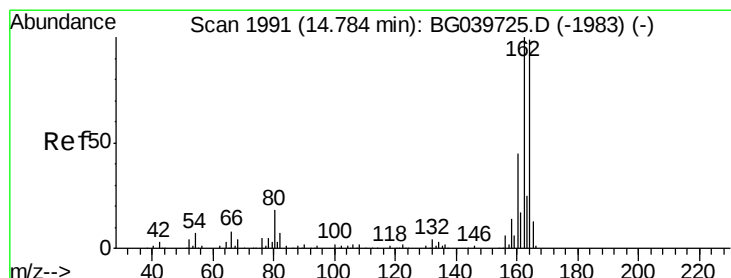
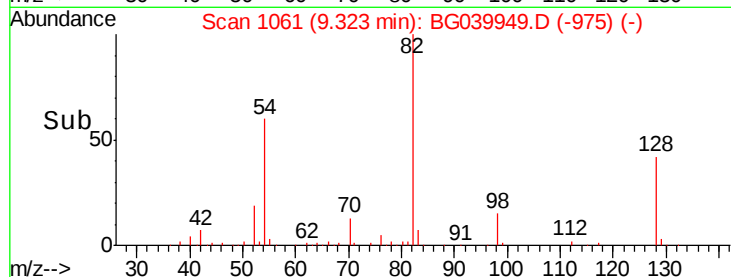
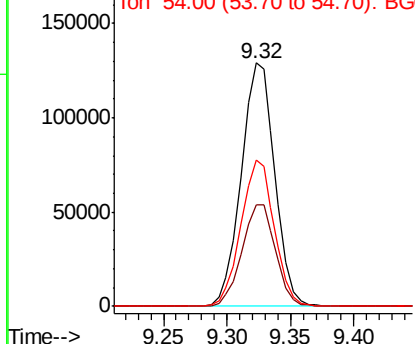
#23
 Nitrobenzene-d5
 Concen: 73.421 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039949.D
 Acq: 15 Mar 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 93-94

Tgt Ion: 82 Resp: 236894
 Ion Ratio Lower Upper
 82 100
 128 41.9 31.3 46.9
 54 60.0 50.9 76.3

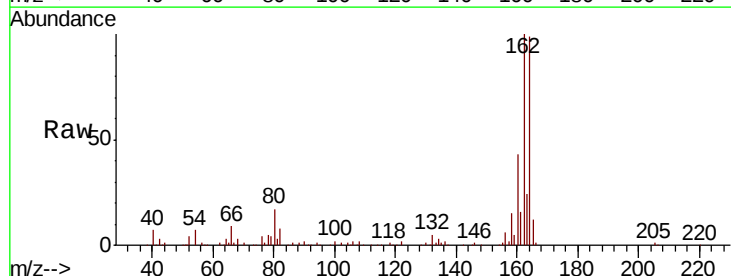


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

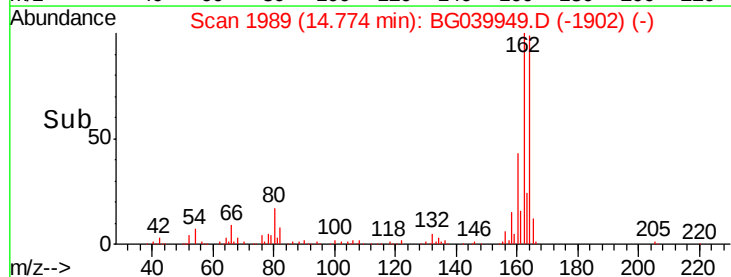
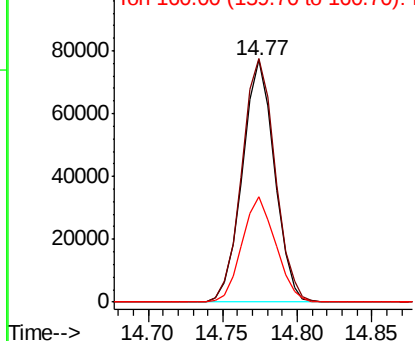


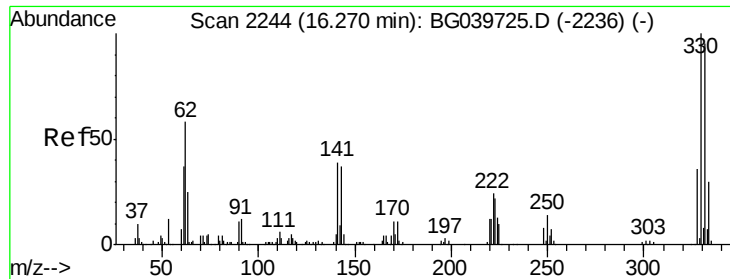
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039949.D
 Acq: 15 Mar 2019 20:08

Tgt Ion: 164 Resp: 114468
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.6 122.4
 160 43.4 34.2 51.2



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

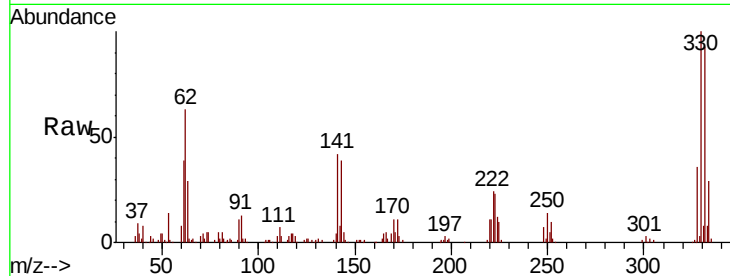




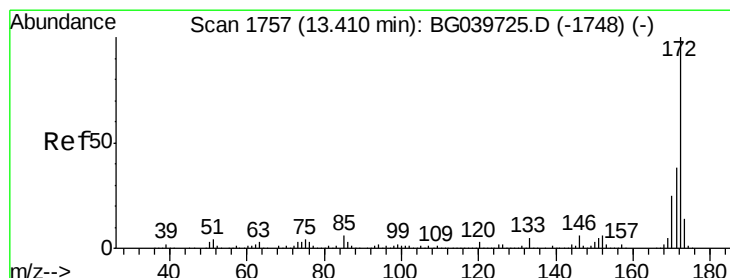
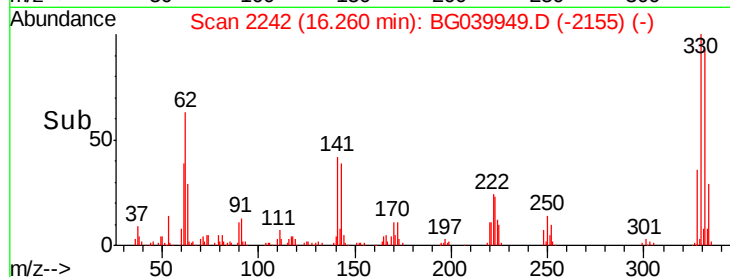
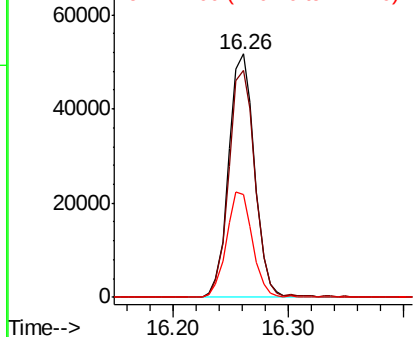
#42
 2,4,6-Tribromophenol
 Concen: 60.012 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039949.D
 Acq: 15 Mar 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 93-94

Tgt Ion:330 Resp: 80068
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.7 113.5
 141 43.3 35.6 53.4

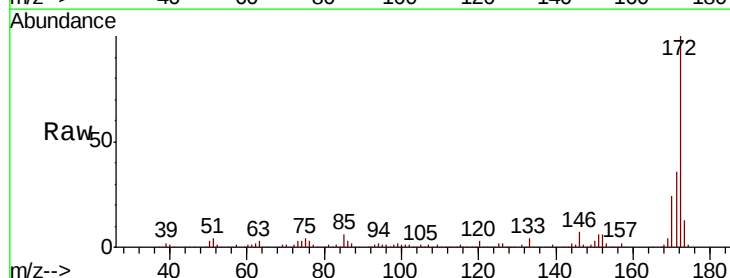


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

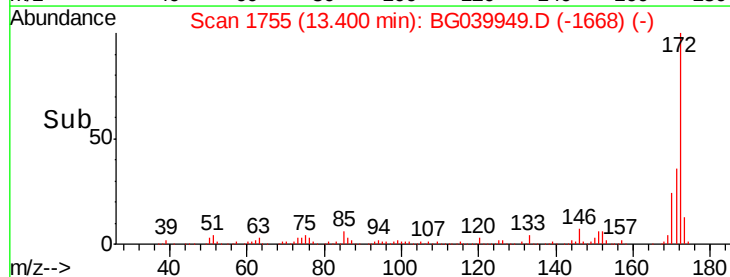
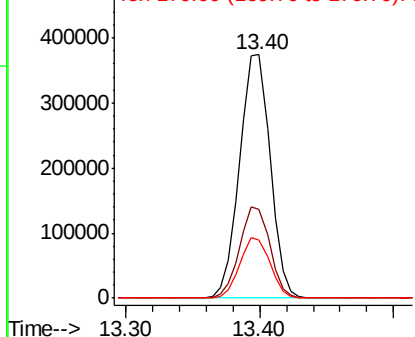


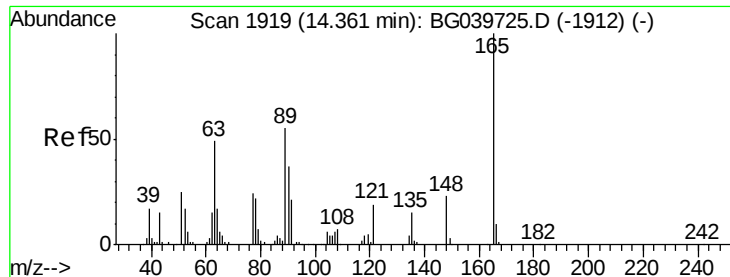
#45
 2-Fluorobiphenyl
 Concen: 73.993 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039949.D
 Acq: 15 Mar 2019 20:08

Tgt Ion:172 Resp: 594865
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.8 46.2
 170 23.9 20.2 30.4



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

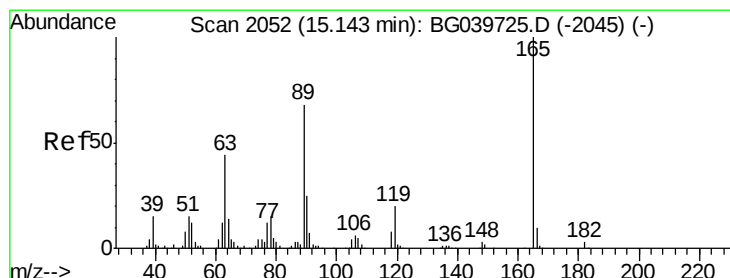
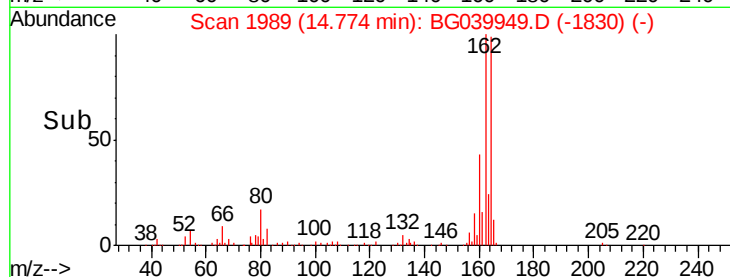
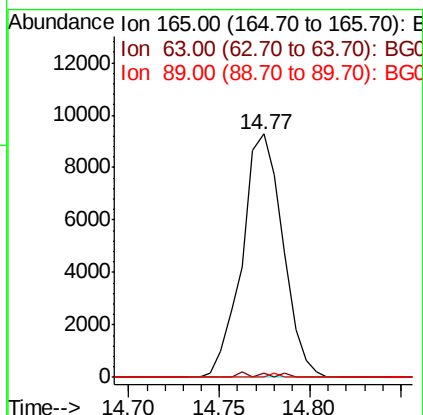
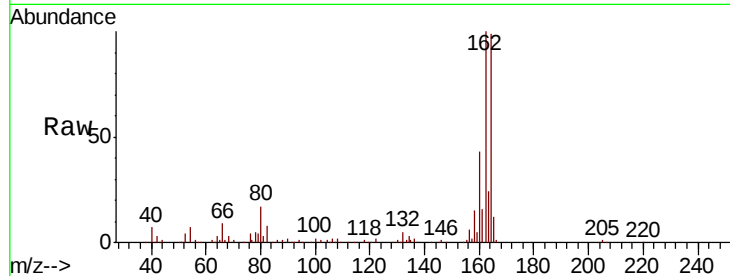




#51
 2,6-Dinitrotoluene
 Concen: 7.136 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. 0.41 min
 Lab File: BG039949.D
 Acq: 15 Mar 2019 20:08

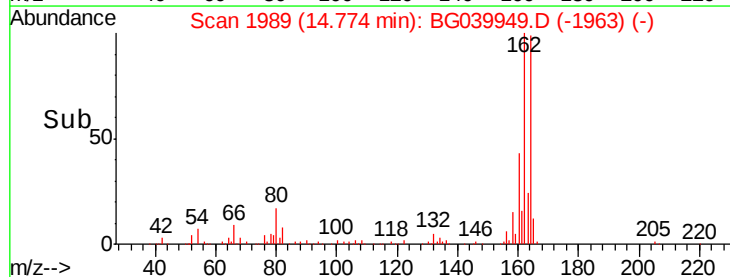
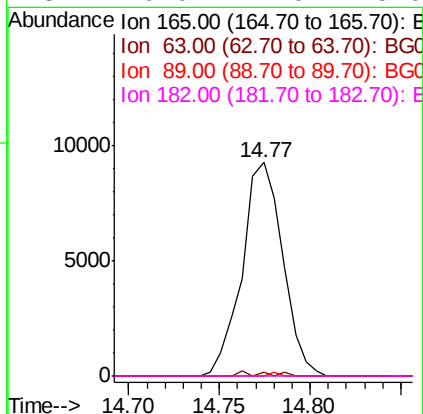
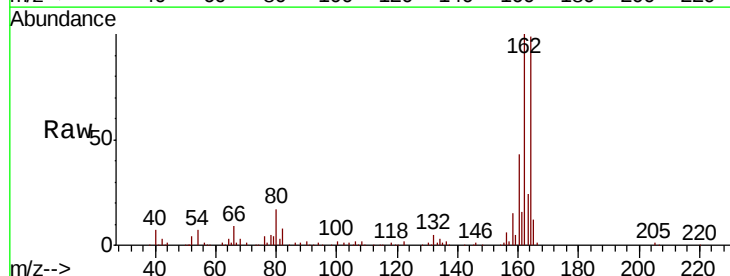
Instrument :
 BNA_G
 ClientSampleId :
 93-94

Tgt Ion:165 Resp: 14481
 Ion Ratio Lower Upper
 165 100
 63 1.7 47.0 70.6#
 89 0.0 45.8 68.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.079 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.37 min
 Lab File: BG039949.D
 Acq: 15 Mar 2019 20:08

Tgt Ion:165 Resp: 14481
 Ion Ratio Lower Upper
 165 100
 63 1.7 41.0 61.6#
 89 0.0 64.6 96.8#
 182 0.0 2.0 3.0#

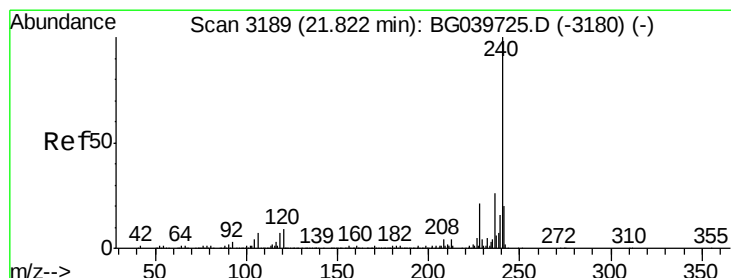
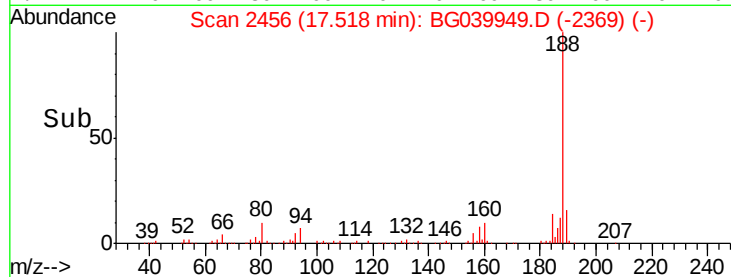
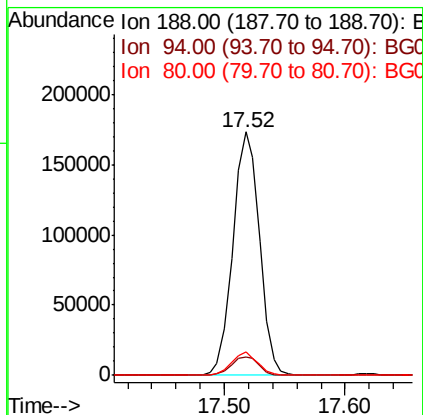
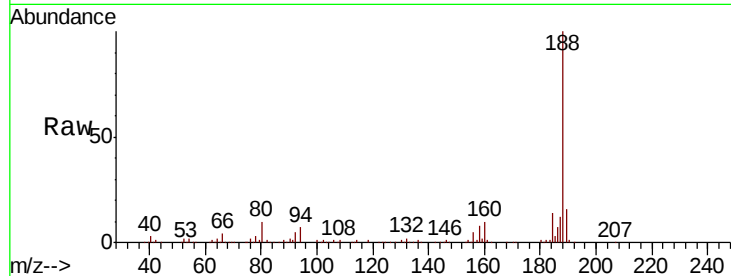




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039949.D
Acq: 15 Mar 2019 20:08

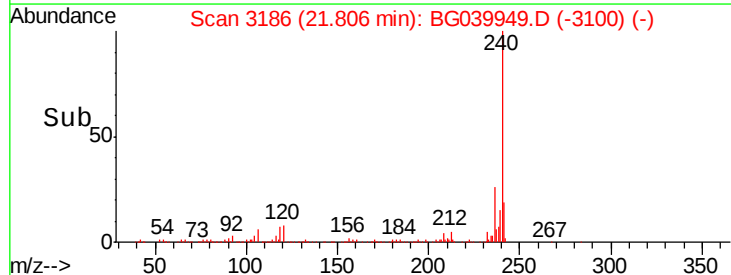
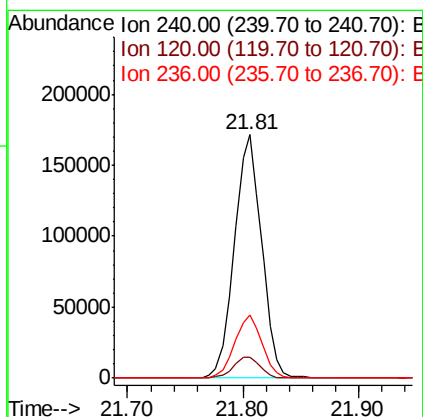
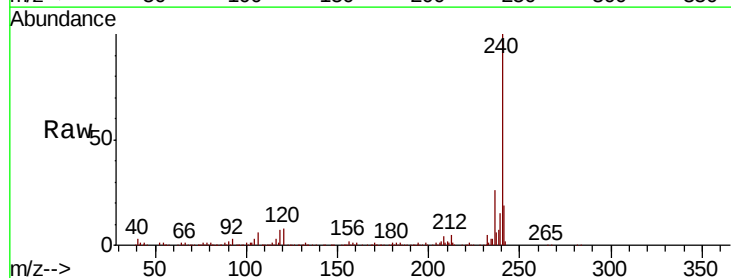
Instrument :
BNA_G
ClientSampleId :
93-94

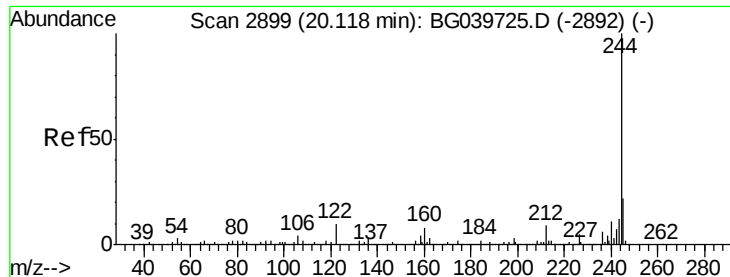
Tgt Ion:188 Resp: 265342
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 9.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039949.D
Acq: 15 Mar 2019 20:08

Tgt Ion:240 Resp: 279762
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 26.2 21.0 31.4





#79

Terphenyl-d14

Concen: 63.810 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039949.D

Acq: 15 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

93-94

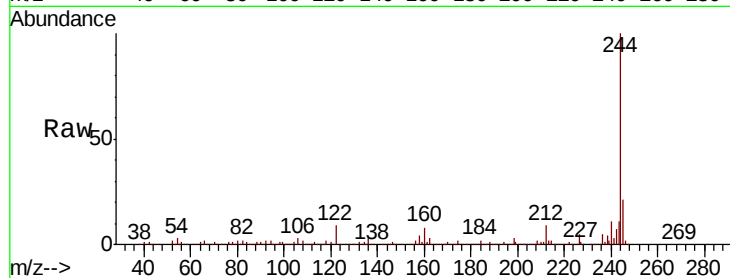
Tgt Ion:244 Resp: 810773

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

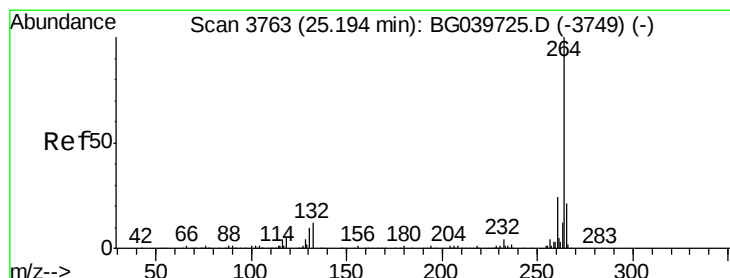
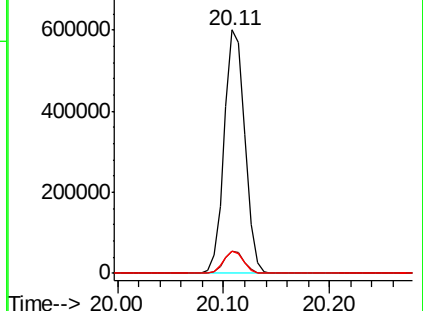
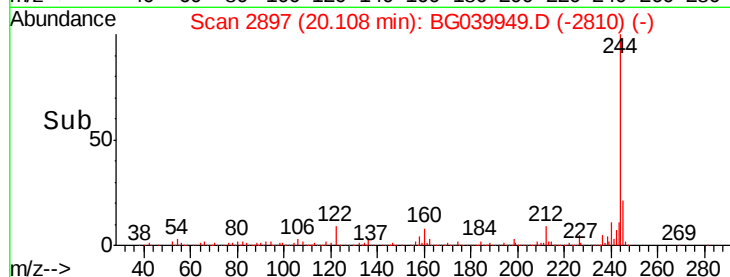
122 9.2 8.4 12.6



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: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039949.D

Acq: 15 Mar 2019 20:08

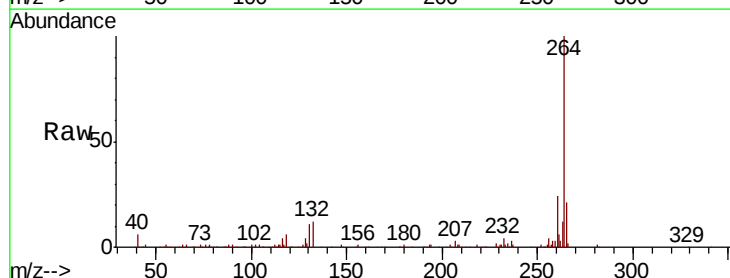
Tgt Ion:264 Resp: 285755

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 21.4 18.5 27.7



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

