

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
 Data File : BG039978.D
 Acq On : 18 Mar 2019 20:35
 Operator : JU/SJ
 Sample : PB117983BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117983BL

Quant Time: Mar 19 07:50:36 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

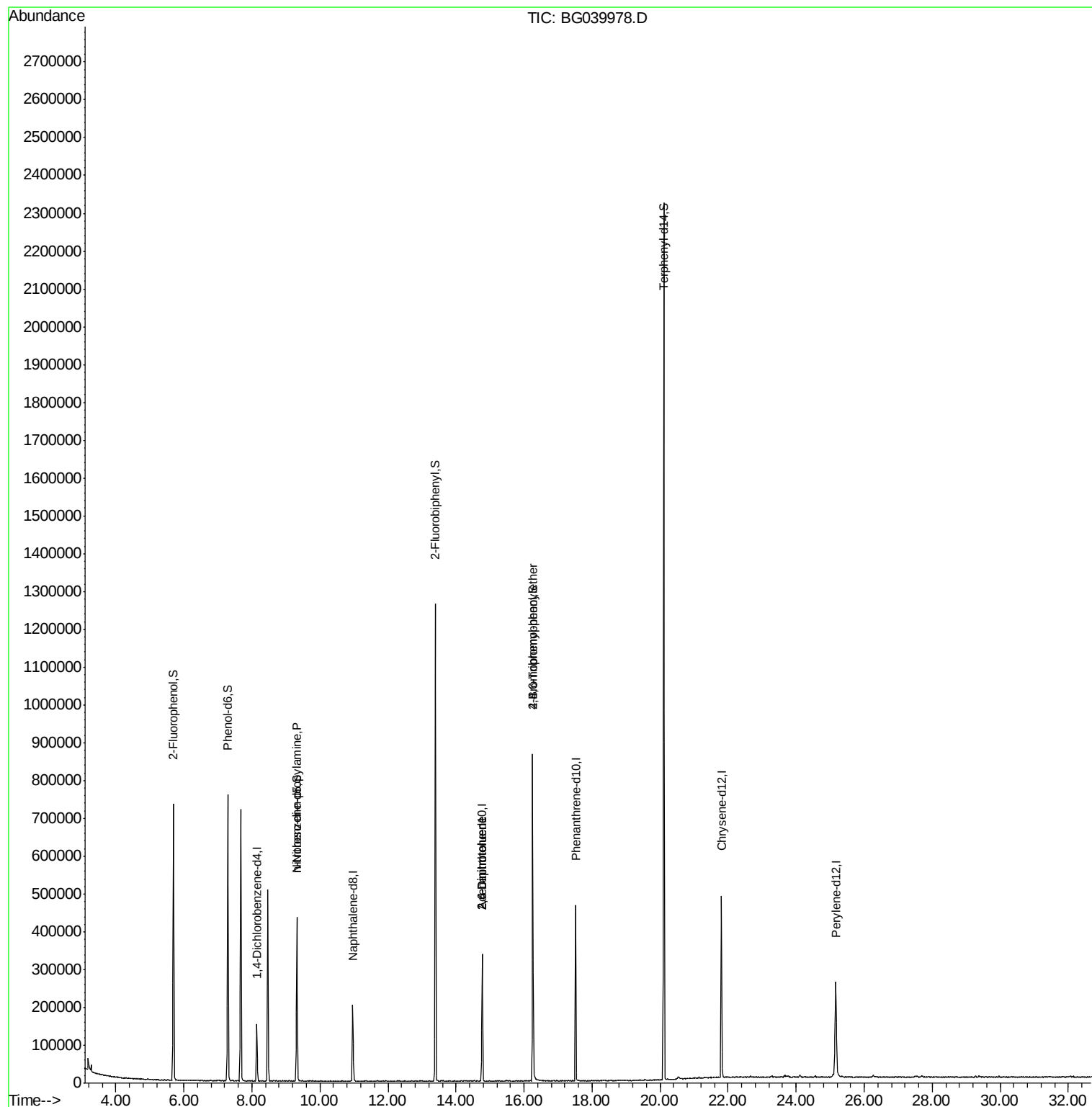
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40086	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	174384	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	117522	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	293991	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	308966	20.00	ng	-0.03
87) Perylene-d12	25.17	264	301793	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	297642	126.67	ng	-0.02
7) Phenol-d6	7.29	99	431467	123.15	ng	-0.02
23) Nitrobenzene-d5	9.32	82	261843	81.21	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	155916	113.82	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	651193	78.89	ng	-0.02
79) Terphenyl-d14	20.11	244	1063009	75.75	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.32	70	33747	13.382	ng	# 70
51) 2,6-Dinitrotoluene	14.77	165	14990	7.195	ng	# 23
57) 2,4-Dinitrotoluene	14.77	165	14990	5.121	ng	# 19
67) 4-Bromophenyl-phenylether	16.25	248	12686	3.855	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: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG039978.D

Acq: 18 Mar 2019 20:35

Instrument :

BNA_G

ClientSampleId :

PB117983BL

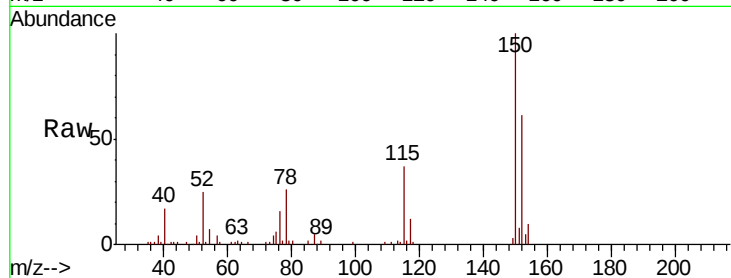
Tgt Ion:152 Resp: 40086

Ion Ratio Lower Upper

152 100

150 162.8 123.7 185.5

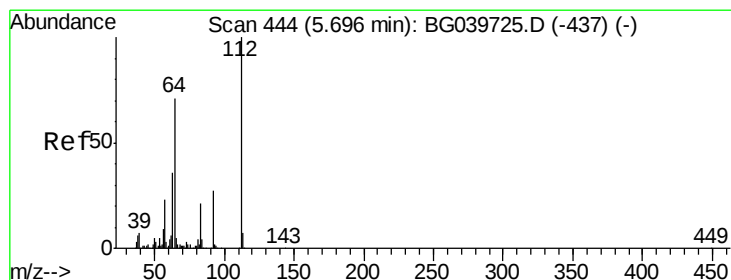
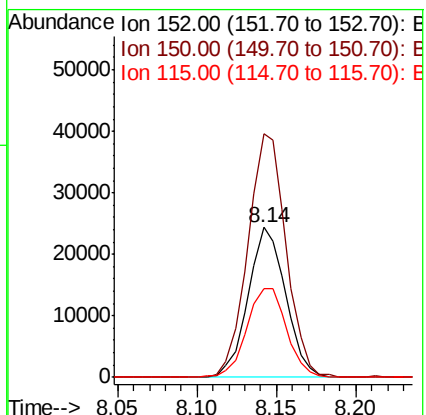
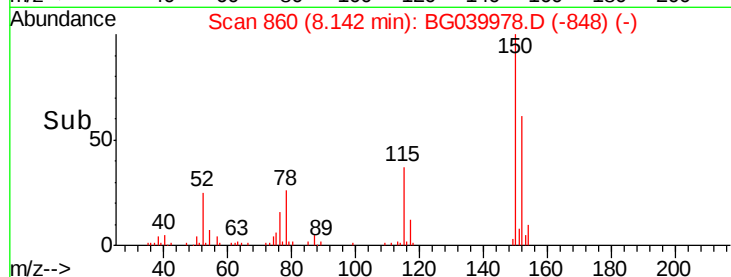
115 59.6 45.9 68.9



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: 126.673 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039978.D

Acq: 18 Mar 2019 20:35

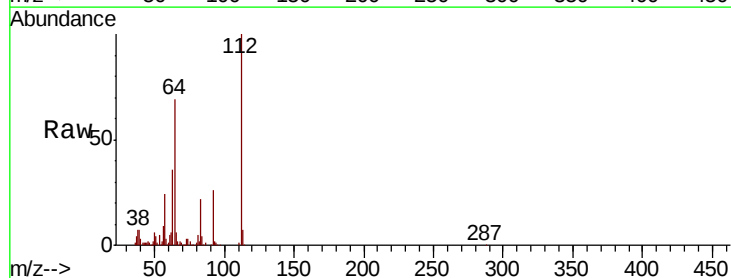
Tgt Ion:112 Resp: 297642

Ion Ratio Lower Upper

112 100

64 69.2 57.8 86.8

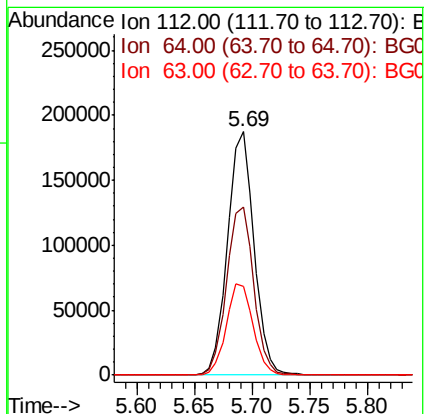
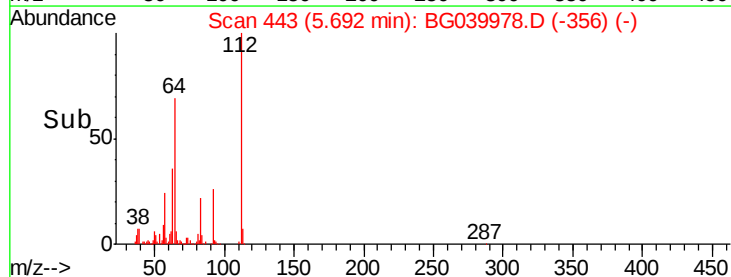
63 36.5 29.8 44.6



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: 123.152 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039978.D

Acq: 18 Mar 2019 20:35

Instrument :

BNA_G

ClientSampleId :

PB117983BL

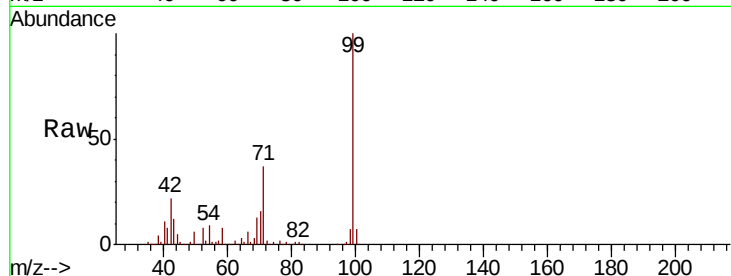
Tgt Ion: 99 Resp: 431467

Ion Ratio Lower Upper

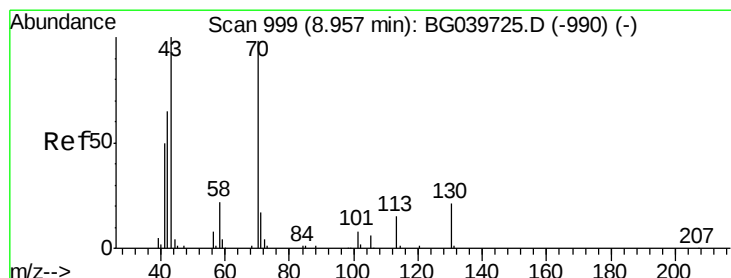
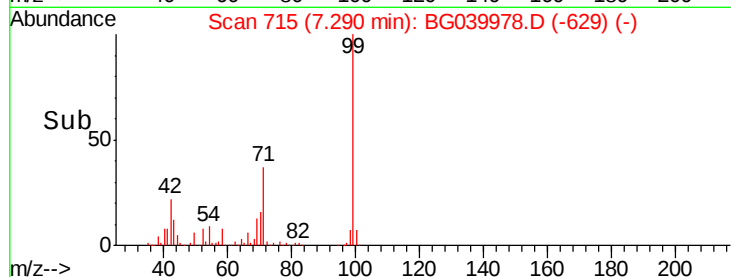
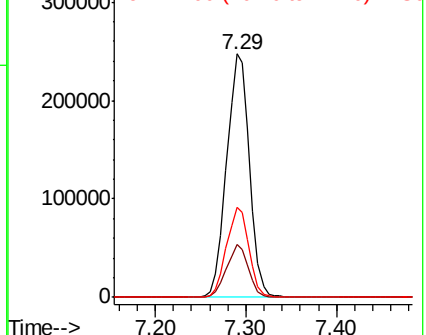
99 100

42 21.8 18.2 27.2

71 36.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.382 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG039978.D

Acq: 18 Mar 2019 20:35

Tgt Ion: 70 Resp: 33747

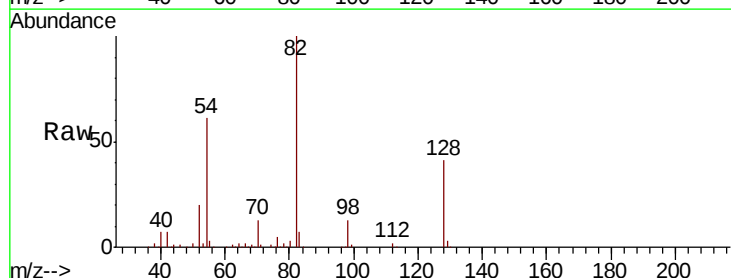
Ion Ratio Lower Upper

70 100

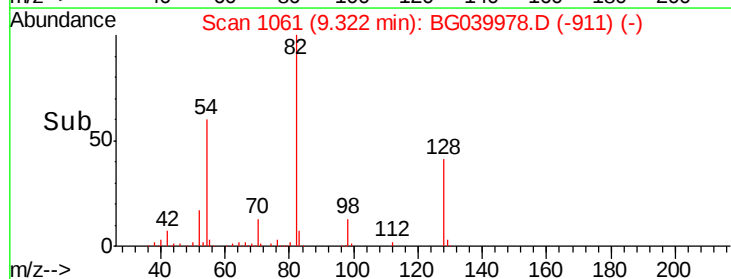
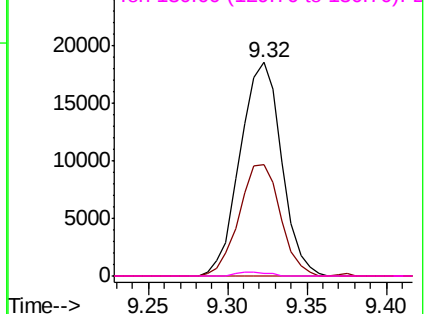
42 51.9 60.4 90.6#

101 0.0 7.5 11.3#

130 1.1 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

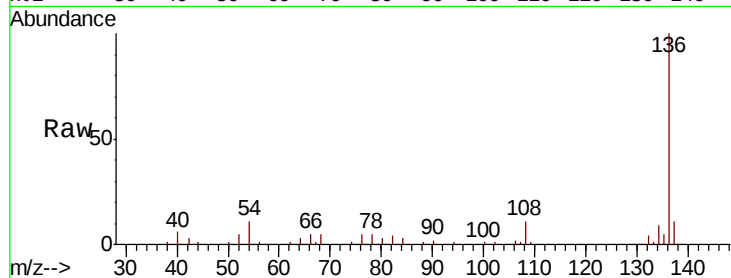




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039978.D
Acq: 18 Mar 2019 20:35

Instrument :
BNA_G
ClientSampleId :
PB117983BL

Tgt Ion:	136	Resp:	174384
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.6	9.4	14.2
68	5.5	4.2	6.4



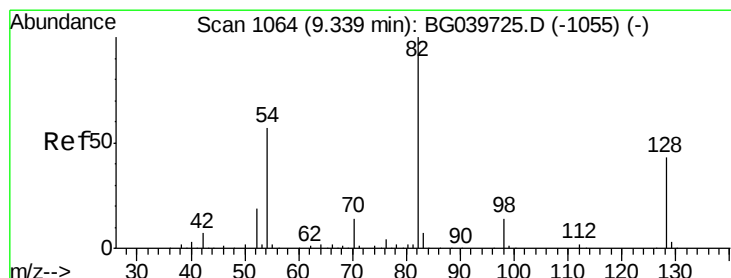
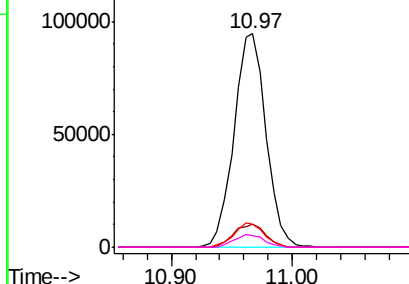
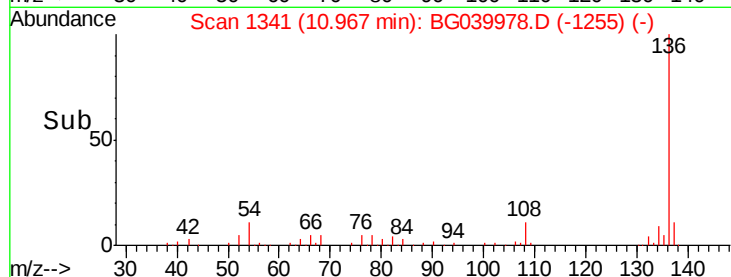
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

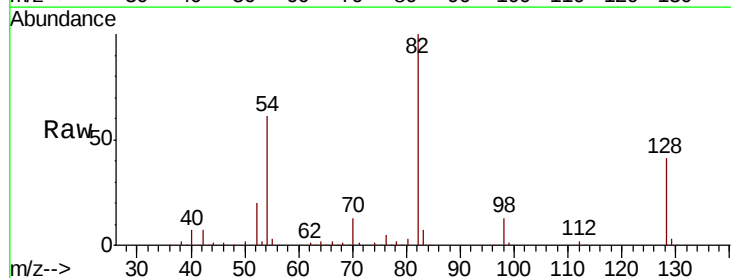
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 81.209 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039978.D
Acq: 18 Mar 2019 20:35

Tgt Ion:	82	Resp:	261843
Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.3	46.9
54	60.6	50.9	76.3

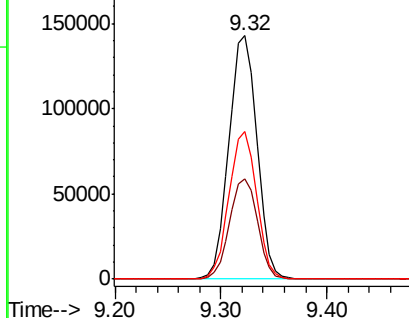
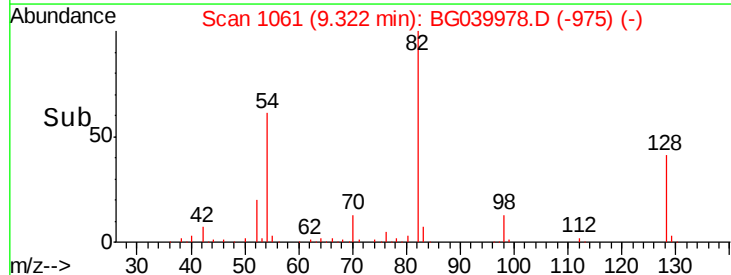


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG039978.D

Acq: 18 Mar 2019 20:35

Instrument :

BNA_G

ClientSampleId :

PB117983BL

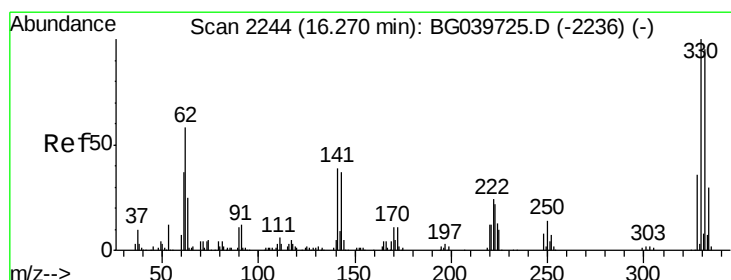
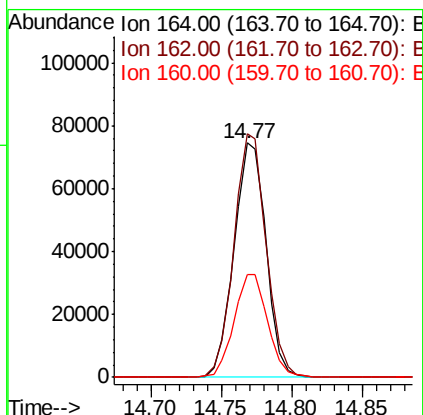
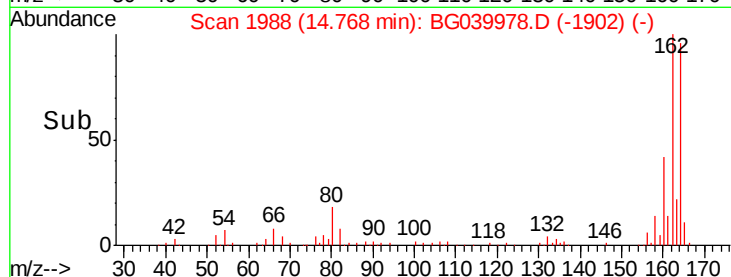
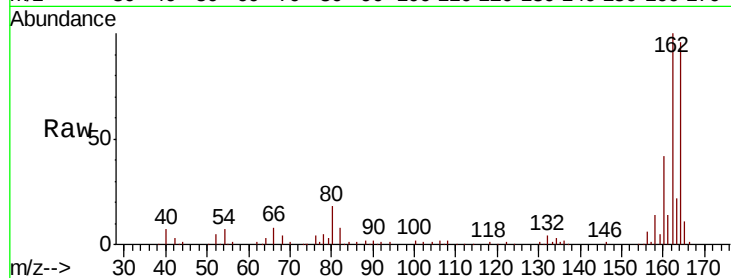
Tgt Ion:164 Resp: 117522

Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

160 44.1 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 113.823 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039978.D

Acq: 18 Mar 2019 20:35

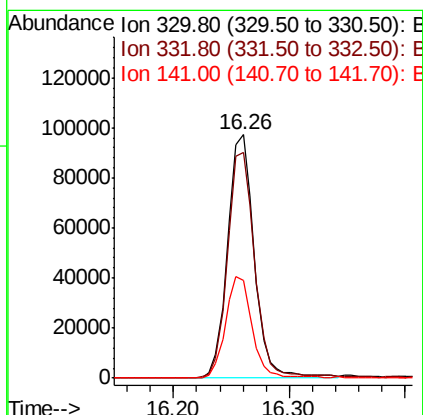
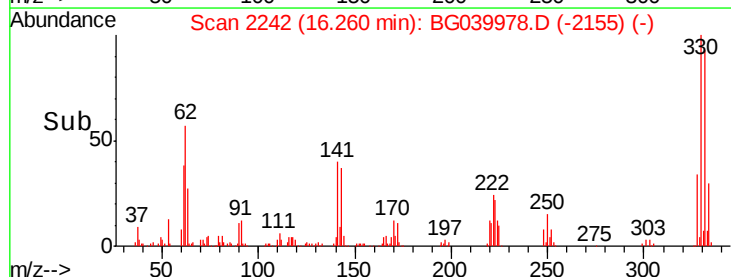
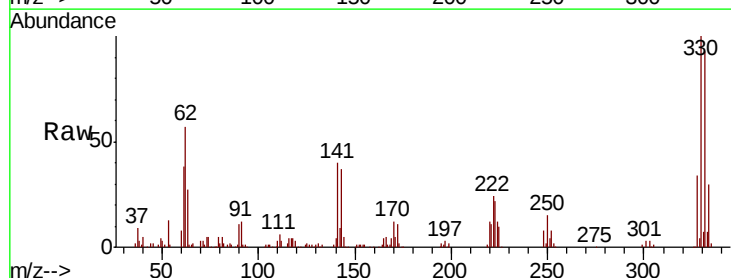
Tgt Ion:330 Resp: 155916

Ion Ratio Lower Upper

330 100

332 94.0 75.7 113.5

141 41.6 35.6 53.4

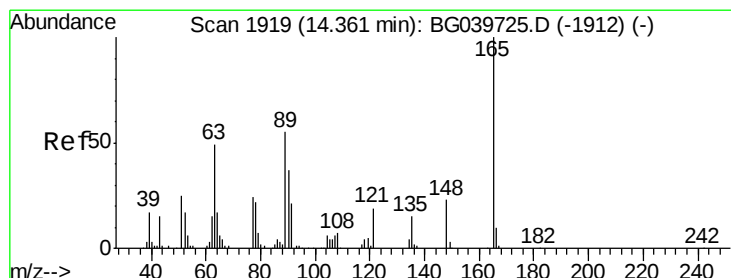
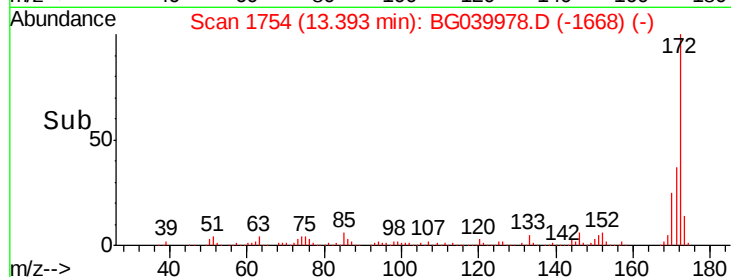
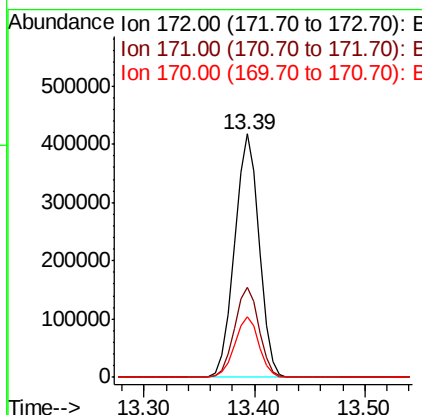
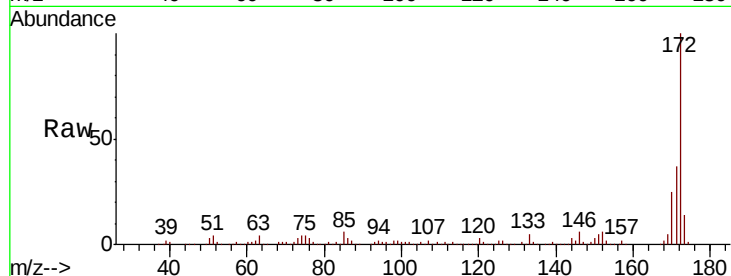




#45
 2-Fluorobiphenyl
 Concen: 78.895 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039978.D
 Acq: 18 Mar 2019 20:35

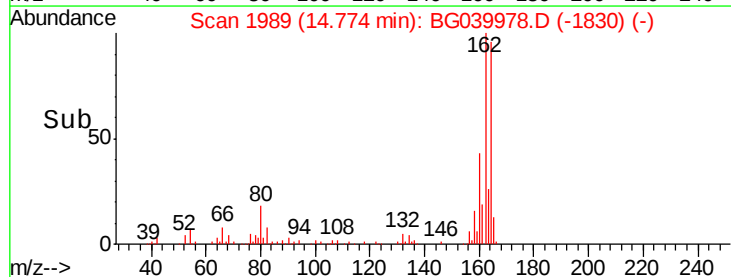
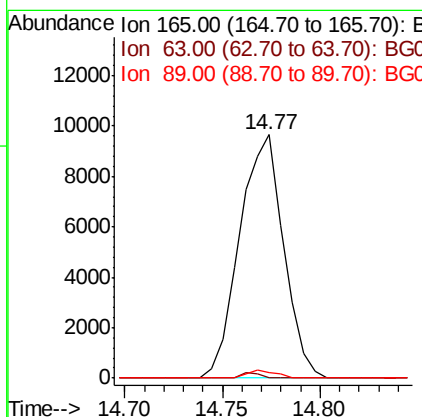
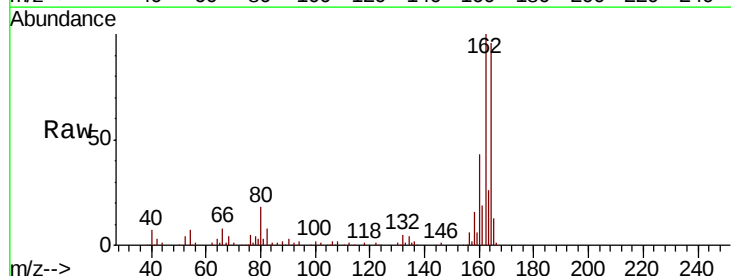
Instrument :
 BNA_G
 ClientSampleId :
 PB117983BL

Tgt Ion:172 Resp: 651193
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 24.7 20.2 30.4



#51
 2,6-Dinitrotoluene
 Concen: 7.195 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. 0.41 min
 Lab File: BG039978.D
 Acq: 18 Mar 2019 20:35

Tgt Ion:165 Resp: 14990
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 2.3 45.8 68.8#

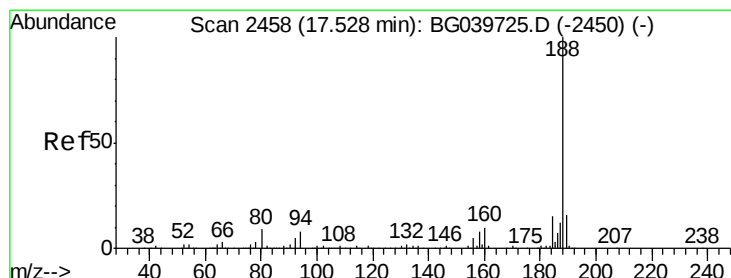
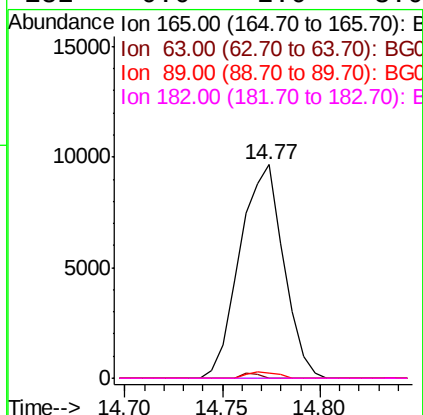
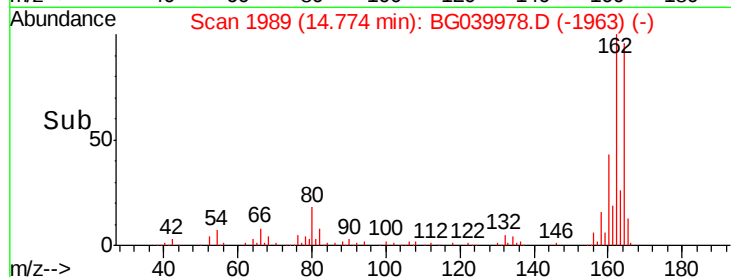
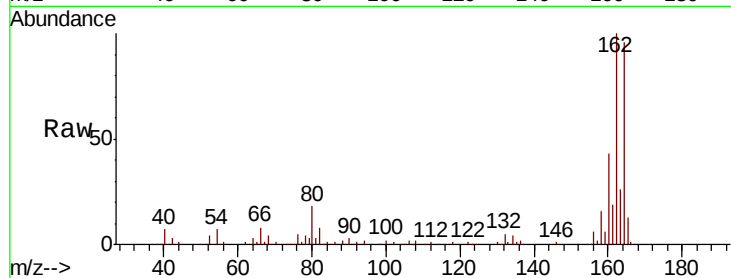




#57
 2,4-Dinitrotoluene
 Concen: 5.121 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.38 min
 Lab File: BG039978.D
 Acq: 18 Mar 2019 20:35

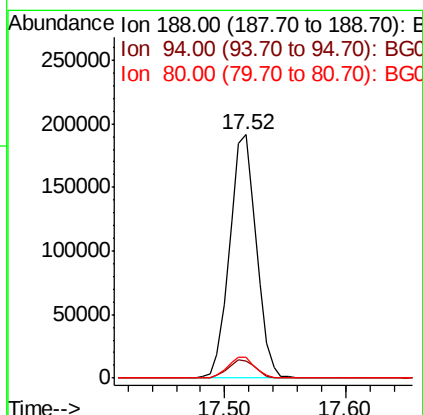
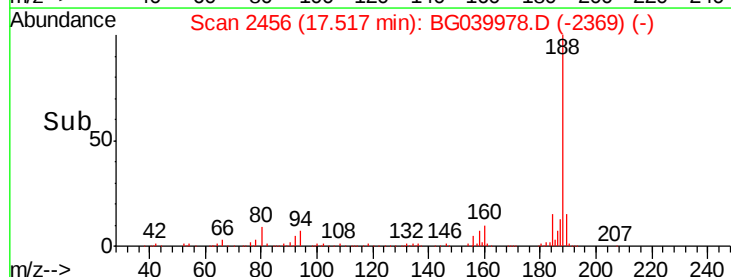
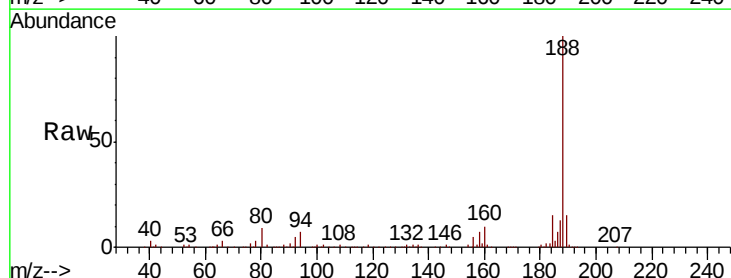
Instrument :
 BNA_G
 ClientSampleId :
 PB117983BL

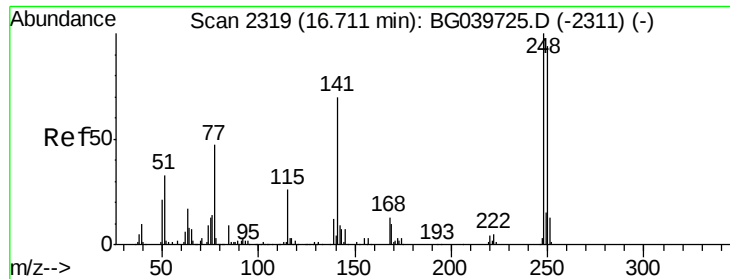
Tgt Ion:	165	Resp:	14990
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	2.3	64.6	96.8#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG039978.D
 Acq: 18 Mar 2019 20:35

Tgt Ion:	188	Resp:	293991
Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	8.8	8.1	12.1

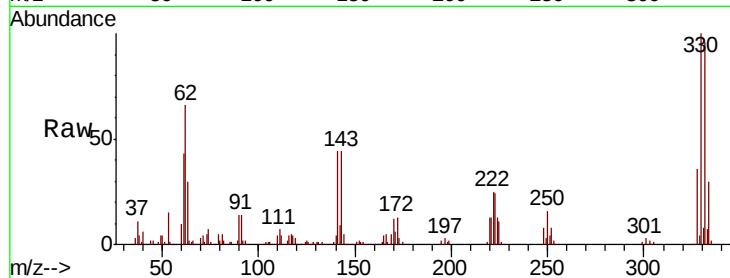




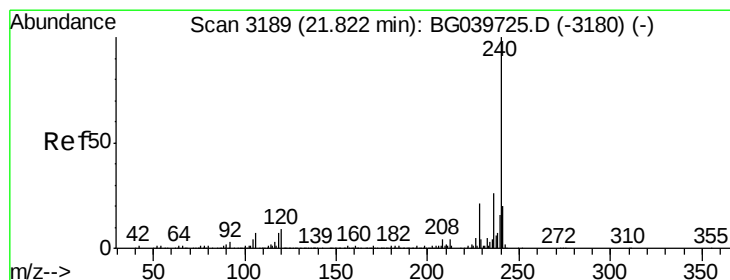
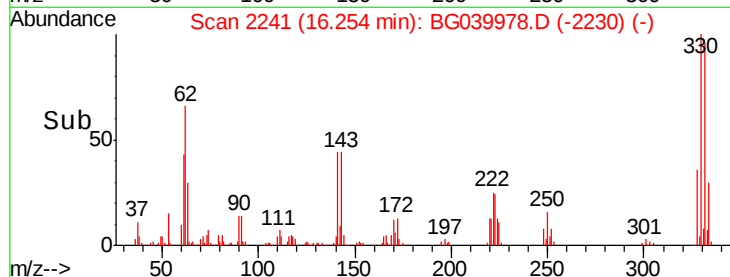
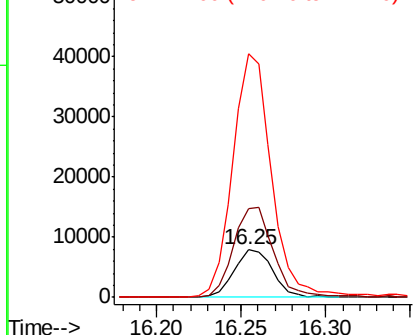
#67
 4-Bromophenyl-phenylether
 Concen: 3.855 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG039978.D
 Acq: 18 Mar 2019 20:35

Instrument :
 BNA_G
 ClientSampleID :
 PB117983BL

Tgt Ion:248 Resp: 12686
 Ion Ratio Lower Upper
 248 100
 250 187.5 77.6 116.4#
 141 515.3 63.9 95.9#

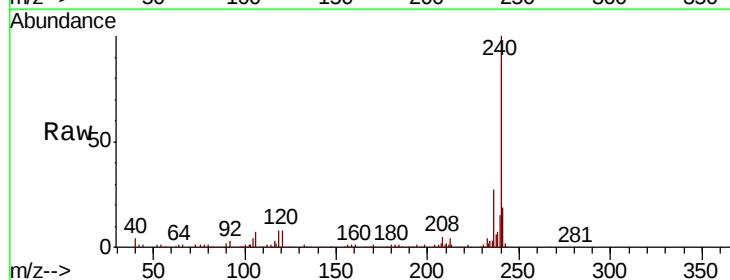


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

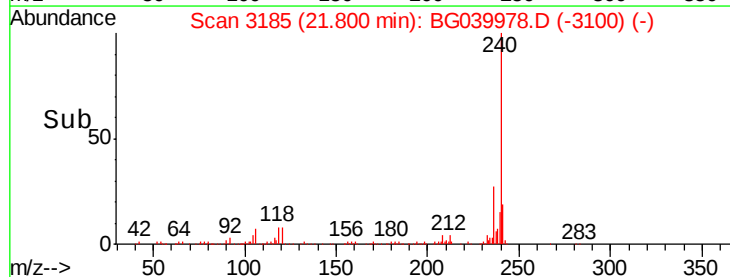
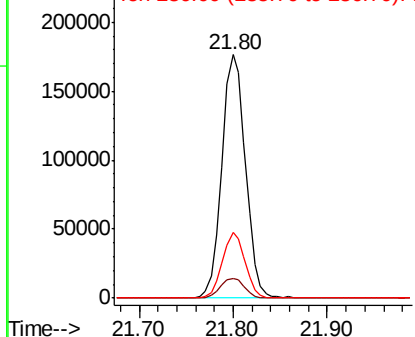


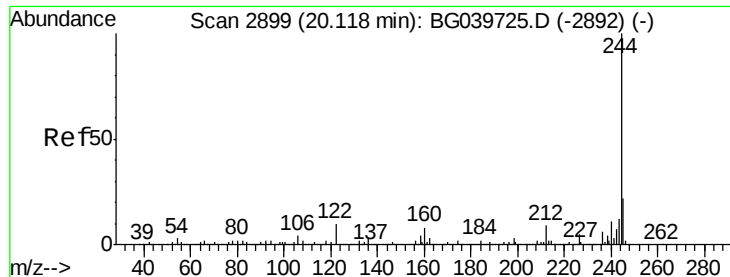
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.03 min
 Lab File: BG039978.D
 Acq: 18 Mar 2019 20:35

Tgt Ion:240 Resp: 308966
 Ion Ratio Lower Upper
 240 100
 120 8.0 7.0 10.6
 236 27.1 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: 75.754 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039978.D

Acq: 18 Mar 2019 20:35

Instrument :

BNA_G

ClientSampleId :

PB117983BL

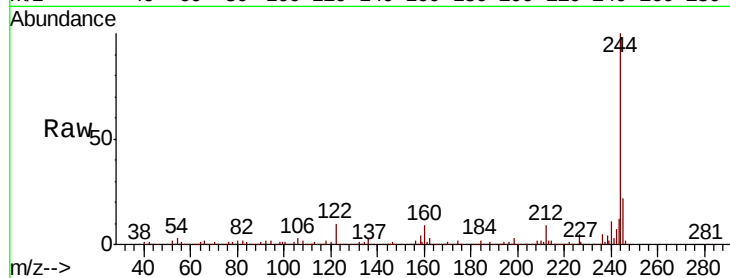
Tgt Ion:244 Resp: 1063009

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

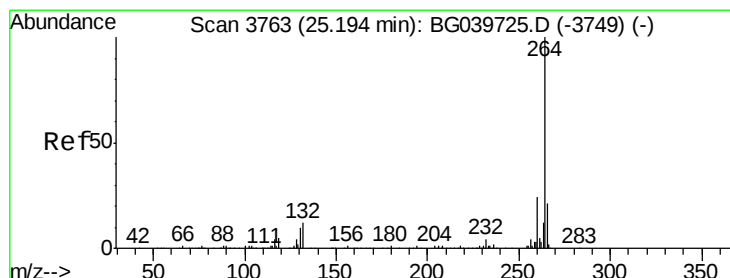
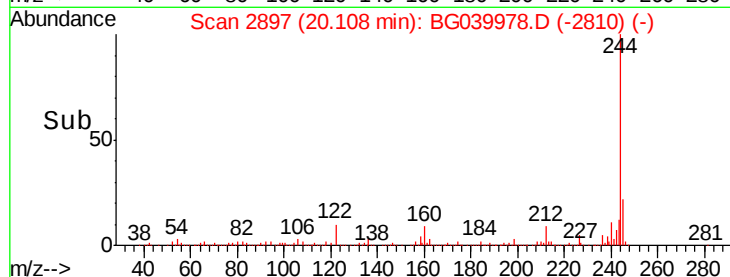
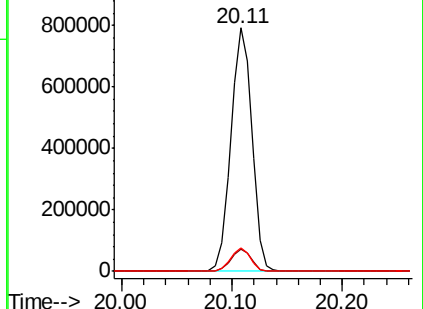
122 9.7 8.4 12.6



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# 3758

Delta R.T. -0.03 min

Lab File: BG039978.D

Acq: 18 Mar 2019 20:35

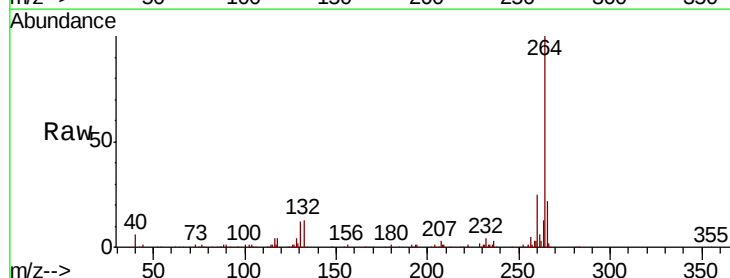
Tgt Ion:264 Resp: 301793

Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.4

265 22.3 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

