

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039944.D
 Acq On : 15 Mar 2019 16:50
 Operator : JU/SJ
 Sample : PB117964BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BL

Quant Time: Mar 16 04:08:21 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

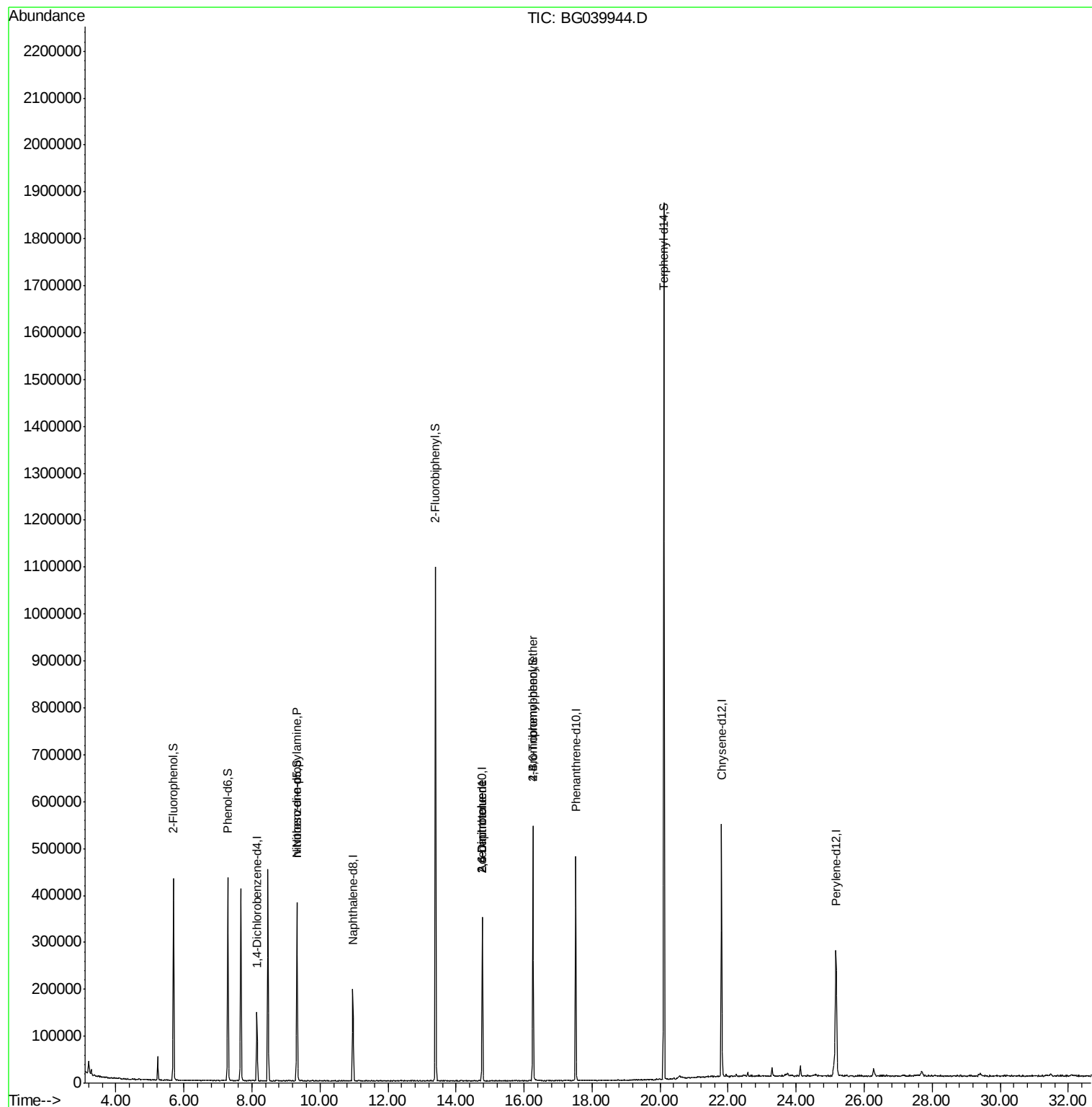
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39409	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	168633	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	118355	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	292786	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	321957	20.00	ng	-0.02
87) Perylene-d12	25.17	264	321531	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	173568	75.14	ng	-0.02
7) Phenol-d6	7.29	99	250101	72.61	ng	-0.02
23) Nitrobenzene-d5	9.32	82	228058	73.14	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	94416	68.44	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	580880	69.88	ng	-0.02
79) Terphenyl-d14	20.11	244	880630	60.22	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.32	70	29875	12.050	ng	# 71
51) 2,6-Dinitrotoluene	14.77	165	15550	7.412	ng	# 27
57) 2,4-Dinitrotoluene	14.77	165	15550	5.275	ng	# 22
67) 4-Bromophenyl-phenylether	16.26	248	7503	2.289	ng	# 1

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

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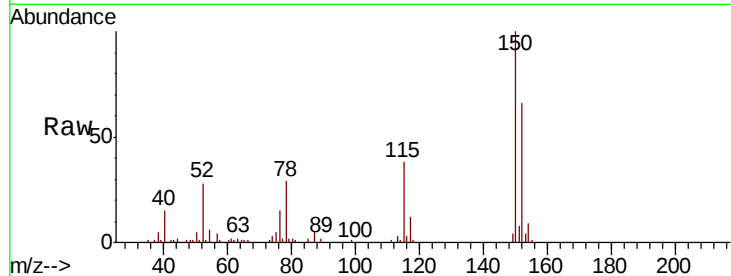


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039944.D
Acq: 15 Mar 2019 16:50

Instrument :
BNA_G
ClientSampleId :
PB117964BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.5	123.7	185.5
115	57.6	45.9	68.9

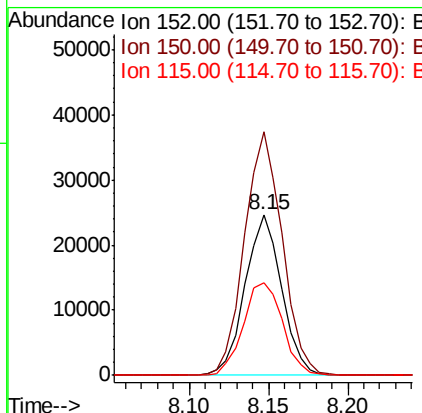
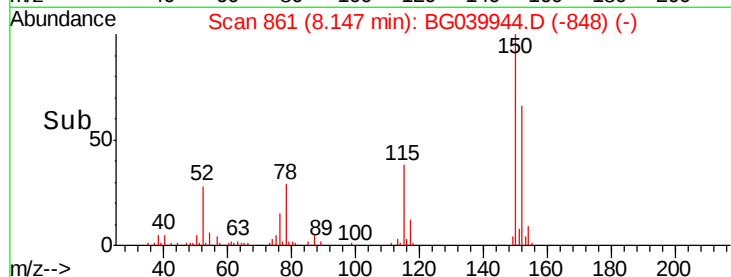


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

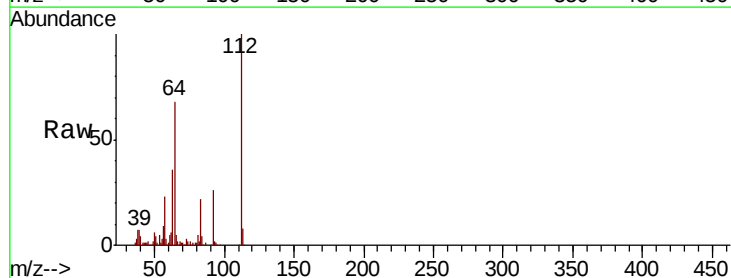
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.137 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039944.D
Acq: 15 Mar 2019 16:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	57.8	86.8
63	36.4	29.8	44.6

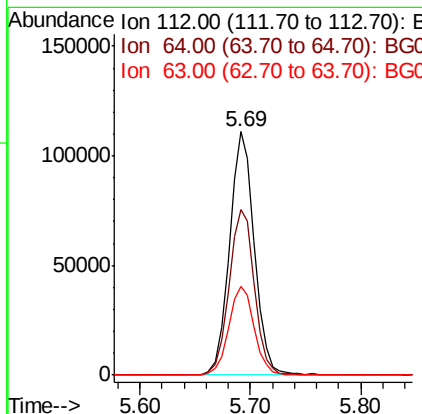
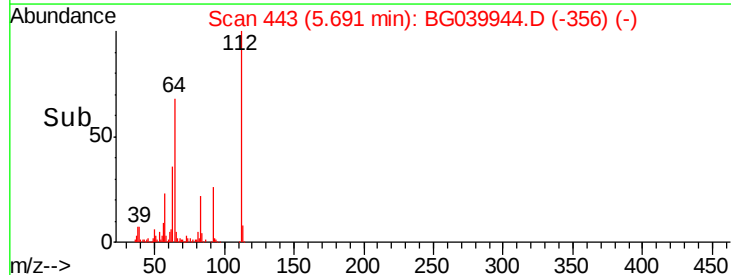


Abundance

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: 72.612 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039944.D

Acq: 15 Mar 2019 16:50

Instrument :

BNA_G

ClientSampleId :

PB117964BL

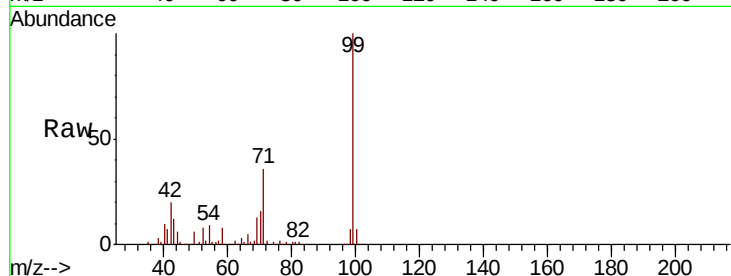
Tgt Ion: 99 Resp: 250101

Ion Ratio Lower Upper

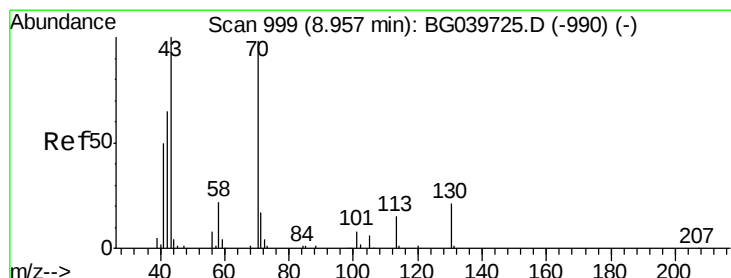
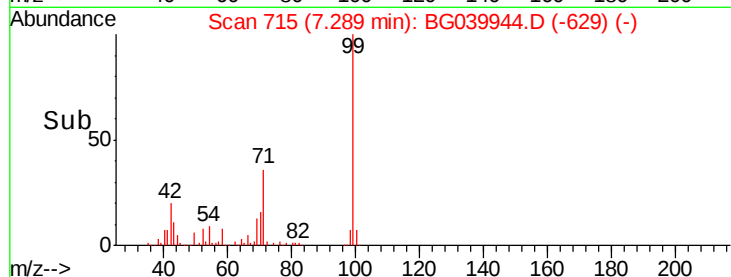
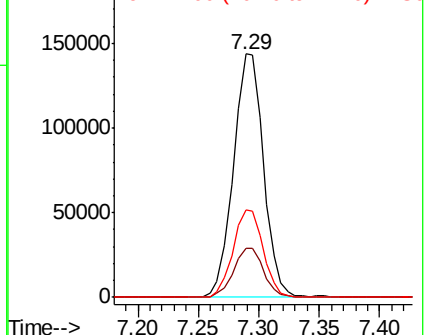
99 100

42 20.1 18.2 27.2

71 35.9 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: 12.050 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG039944.D

Acq: 15 Mar 2019 16:50

Tgt Ion: 70 Resp: 29875

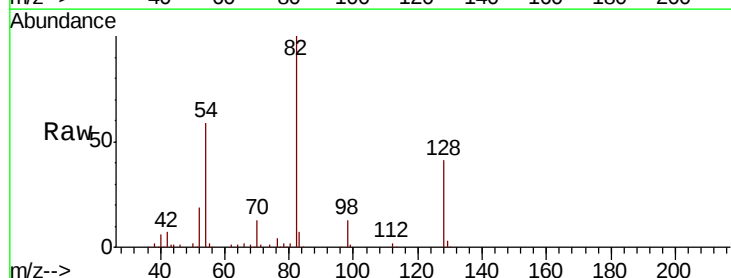
Ion Ratio Lower Upper

70 100

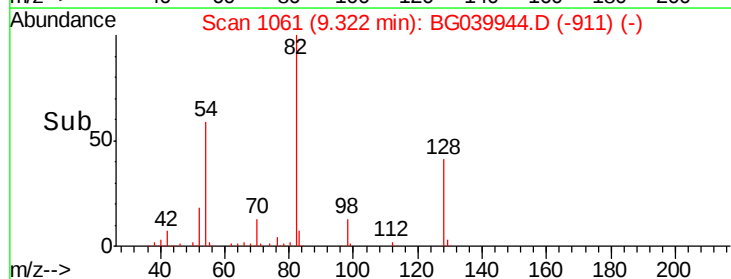
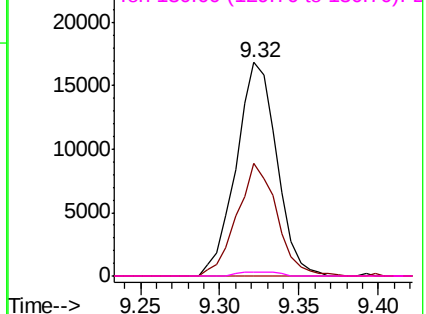
42 52.9 60.4 90.6#

101 0.0 7.5 11.3#

130 2.0 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

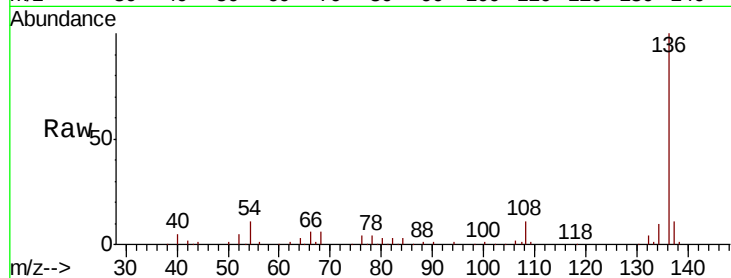




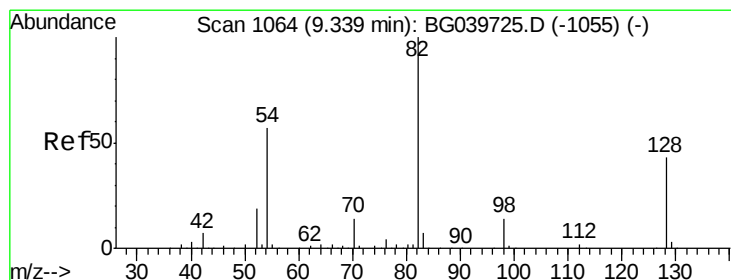
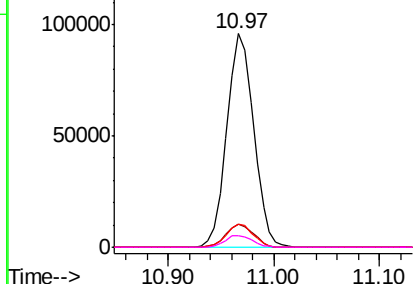
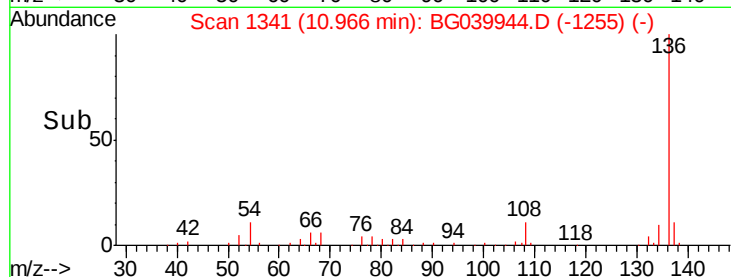
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039944.D
Acq: 15 Mar 2019 16:50

Instrument :
BNA_G
ClientSampleId :
PB117964BL

Tgt Ion:	136	Resp:	168633
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.8	9.4	14.2
68	5.6	4.2	6.4

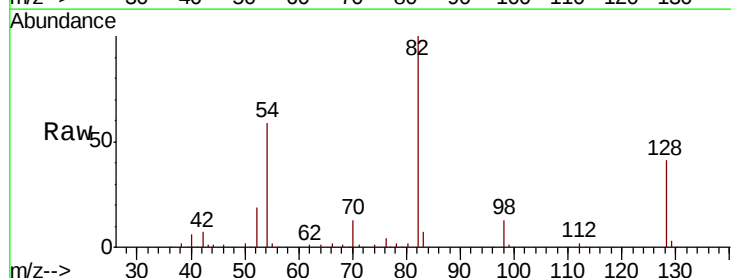


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

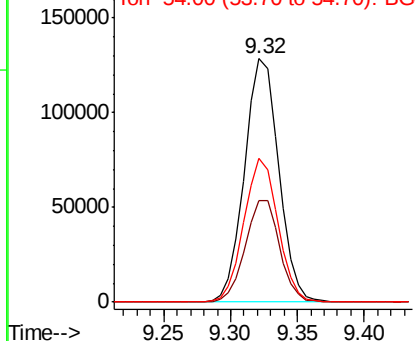
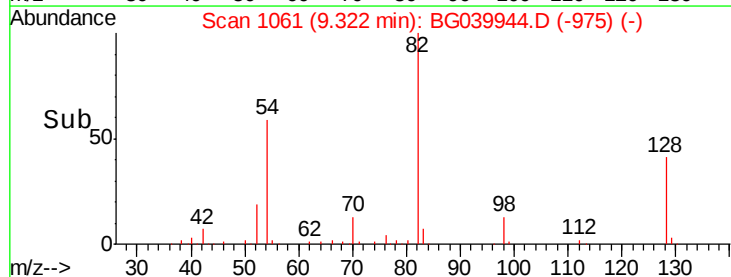


#23
Nitrobenzene-d5
Concen: 73.143 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039944.D
Acq: 15 Mar 2019 16:50

Tgt Ion:	82	Resp:	228058
Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.3	46.9
54	59.0	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: BG039944.D

Acq: 15 Mar 2019 16:50

Instrument :

BNA_G

ClientSampleId :

PB117964BL

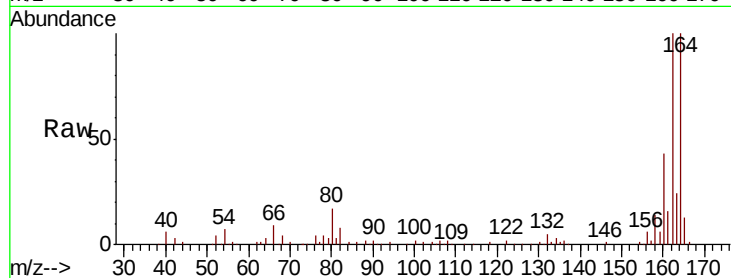
Tgt Ion:164 Resp: 118355

Ion Ratio Lower Upper

164 100

162 100.3 81.6 122.4

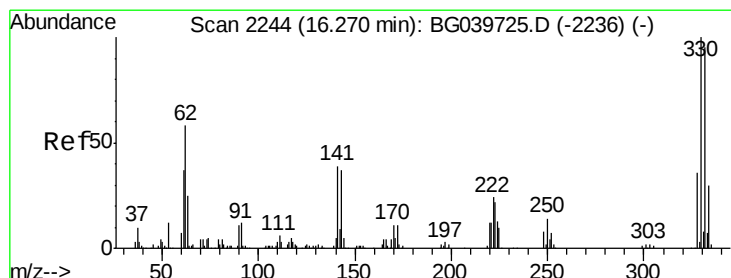
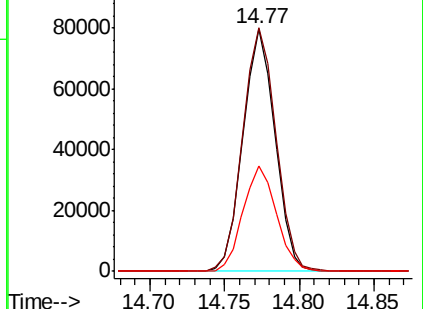
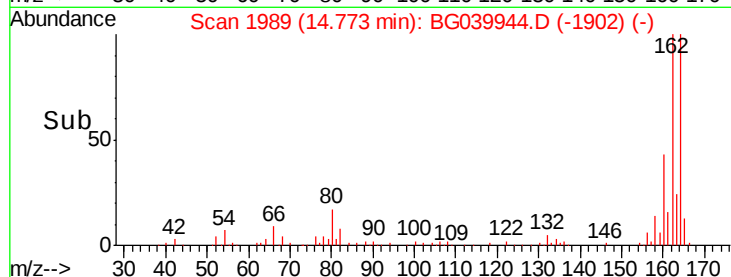
160 43.4 34.2 51.2



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: 68.441 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039944.D

Acq: 15 Mar 2019 16:50

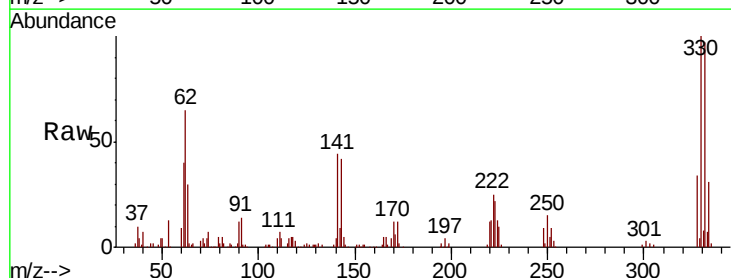
Tgt Ion:330 Resp: 94416

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

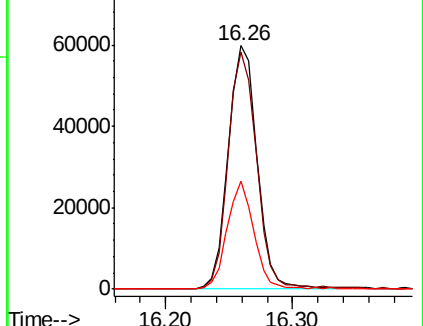
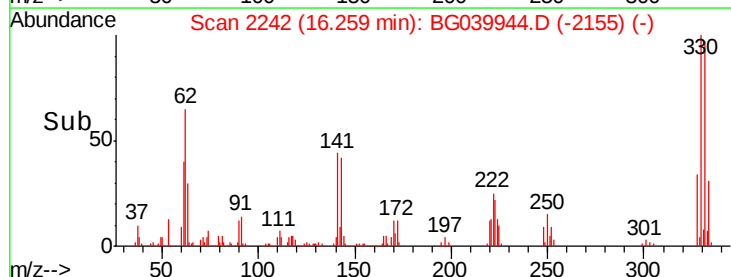
141 40.9 35.6 53.4



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

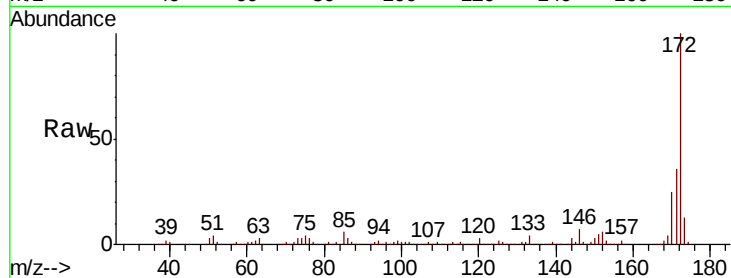




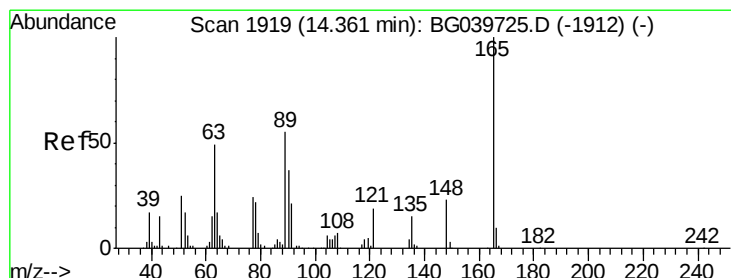
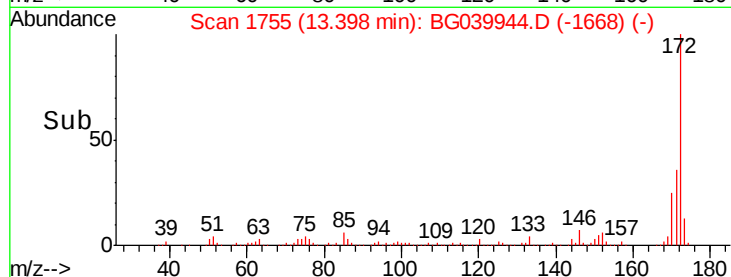
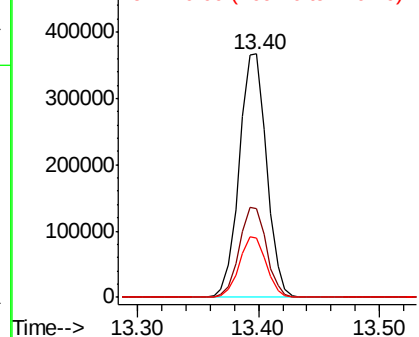
#45
 2-Fluorobiphenyl
 Concen: 69.881 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039944.D
 Acq: 15 Mar 2019 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.8	46.2
170	24.6	20.2	30.4

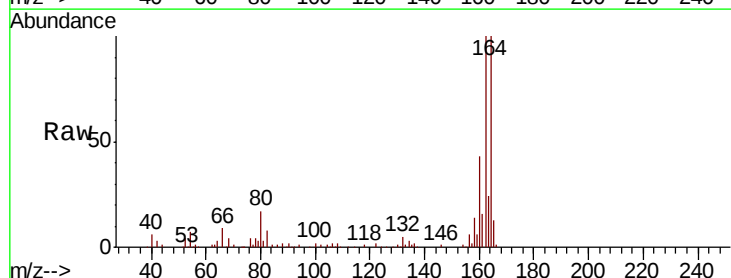


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

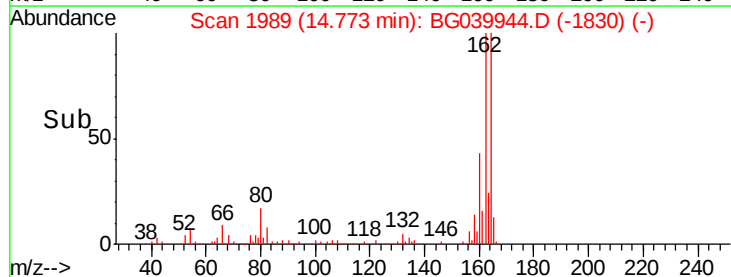
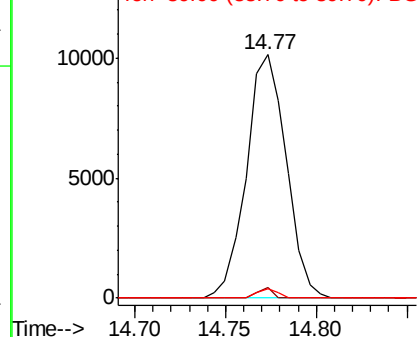


#51
 2,6-Dinitrotoluene
 Concen: 7.412 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. 0.41 min
 Lab File: BG039944.D
 Acq: 15 Mar 2019 16:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	4.5	47.0	70.6#
89	3.6	45.8	68.8#



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

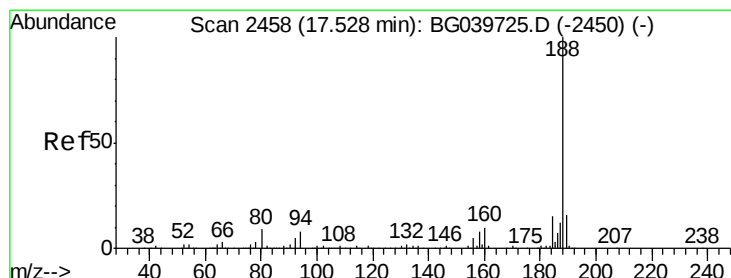
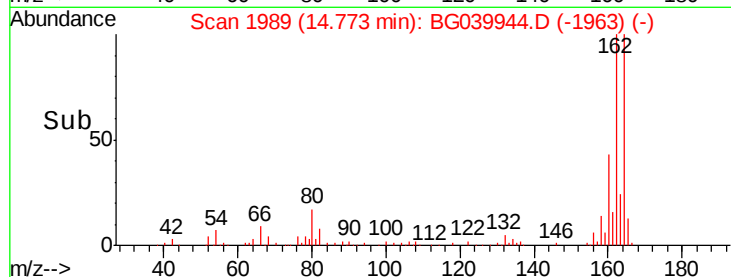
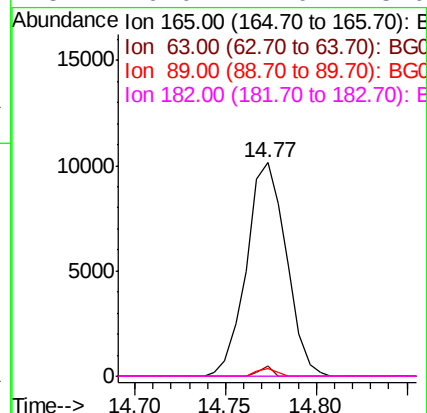
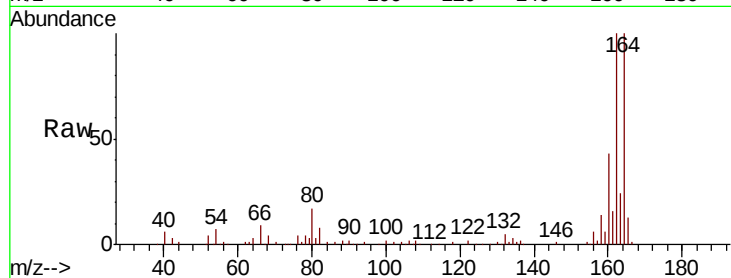




#57
 2,4-Dinitrotoluene
 Concen: 5.275 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.38 min
 Lab File: BG039944.D
 Acq: 15 Mar 2019 16:50

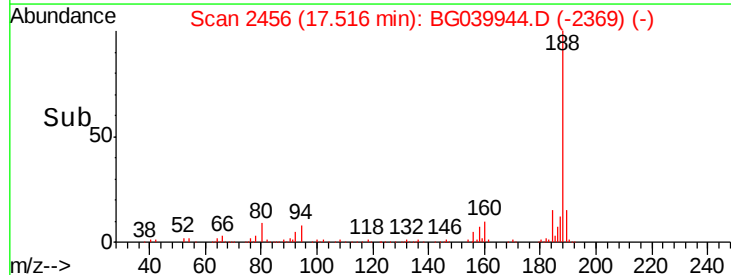
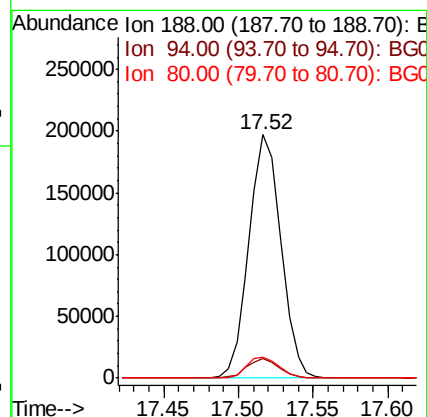
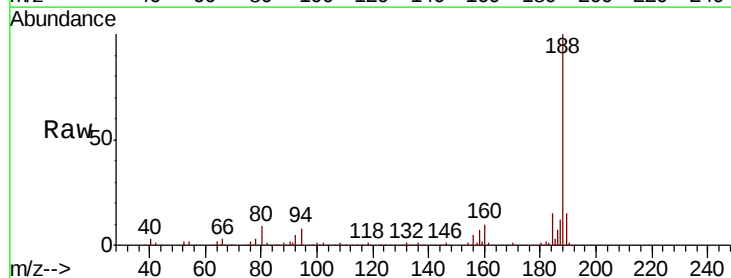
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BL

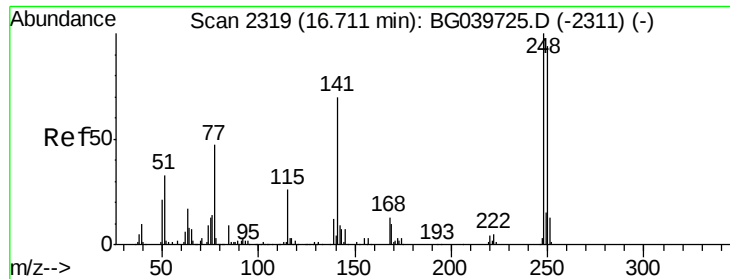
Tgt Ion:	165	Resp:	15550
Ion	Ratio	Lower	Upper
165	100		
63	4.5	41.0	61.6#
89	3.6	64.6	96.8#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG039944.D
 Acq: 15 Mar 2019 16:50

Tgt Ion:	188	Resp:	292786
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.7	8.1	12.1

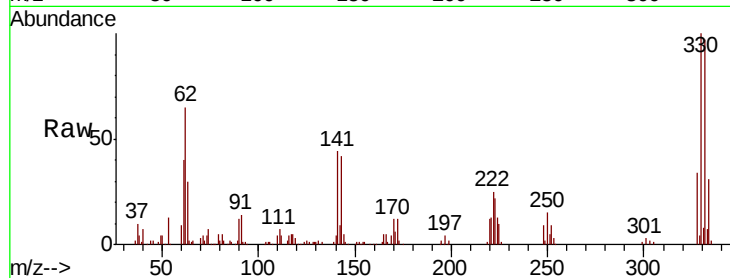




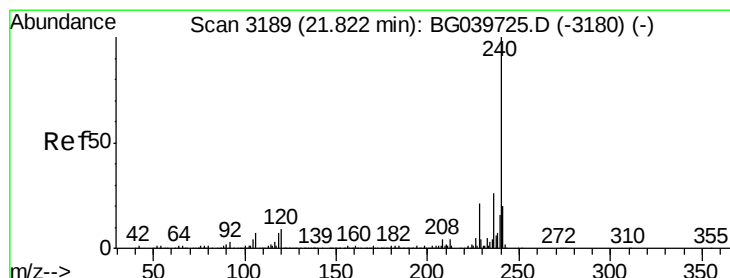
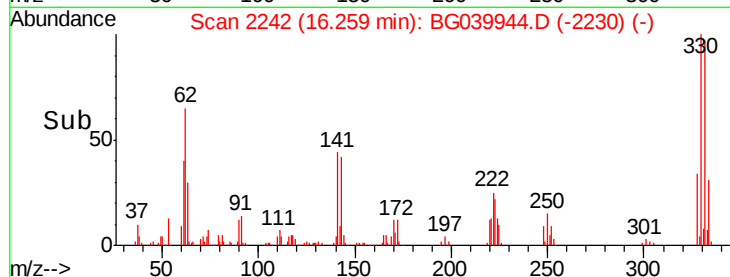
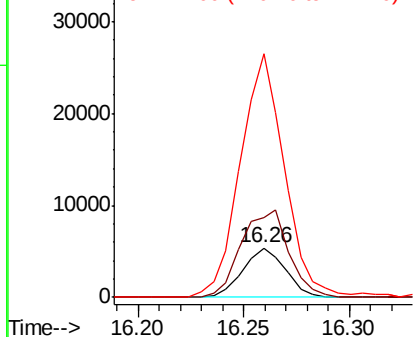
#67
 4-Bromophenyl-phenylether
 Concen: 2.289 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG039944.D
 Acq: 15 Mar 2019 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BL

Tgt Ion:248 Resp: 7503
 Ion Ratio Lower Upper
 248 100
 250 163.8 77.6 116.4#
 141 496.2 63.9 95.9#

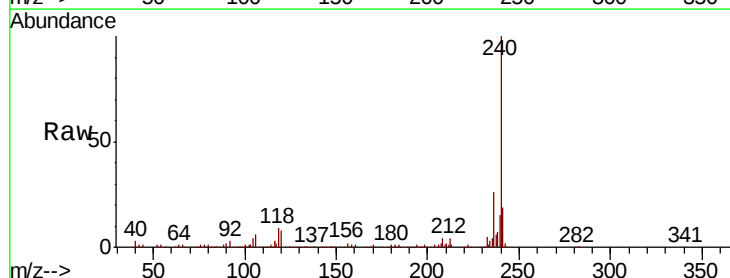


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

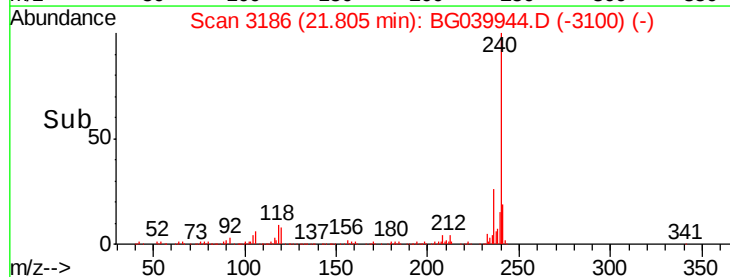
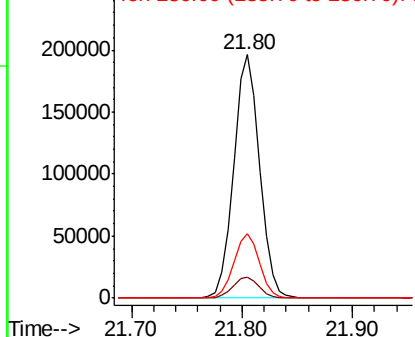


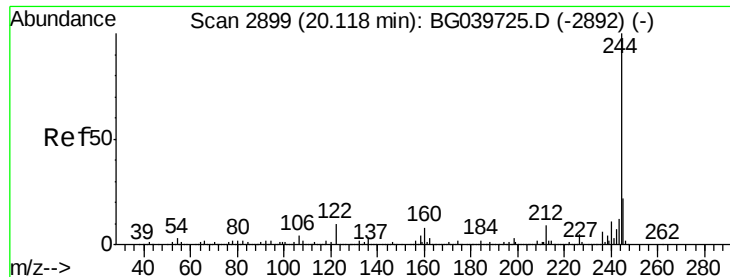
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3186
 Delta R.T. -0.02 min
 Lab File: BG039944.D
 Acq: 15 Mar 2019 16:50

Tgt Ion:240 Resp: 321957
 Ion Ratio Lower Upper
 240 100
 120 8.4 7.0 10.6
 236 26.3 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: 60.225 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039944.D

Acq: 15 Mar 2019 16:50

Instrument :

BNA_G

ClientSampleId :

PB117964BL

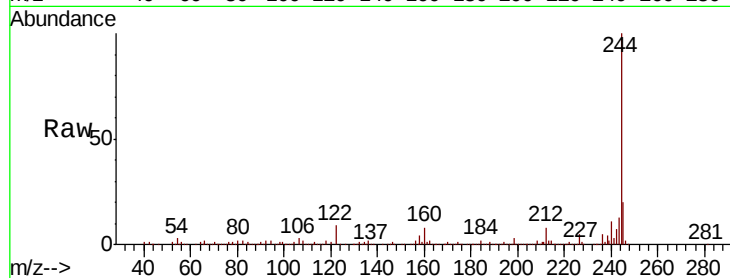
Tgt Ion:244 Resp: 880630

Ion Ratio Lower Upper

244 100

212 8.4 7.3 10.9

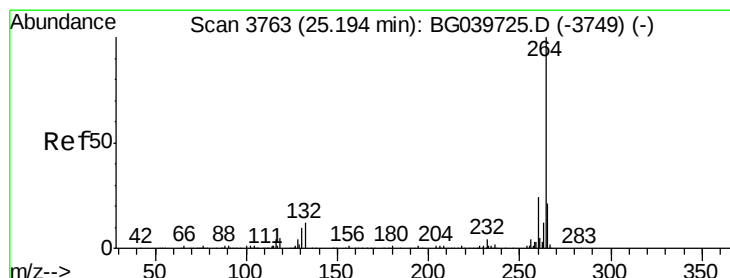
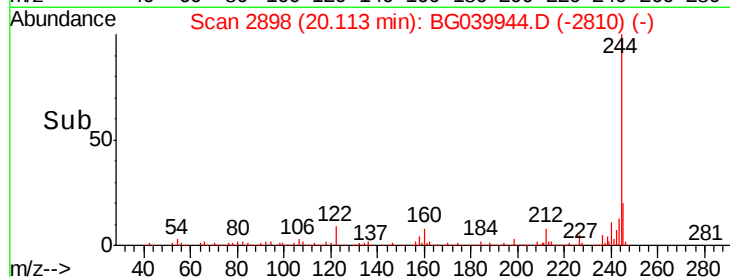
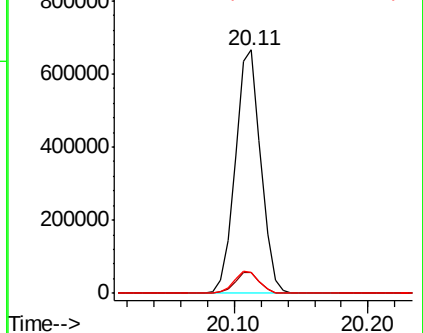
122 8.5 8.4 12.6



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: BG039944.D

Acq: 15 Mar 2019 16:50

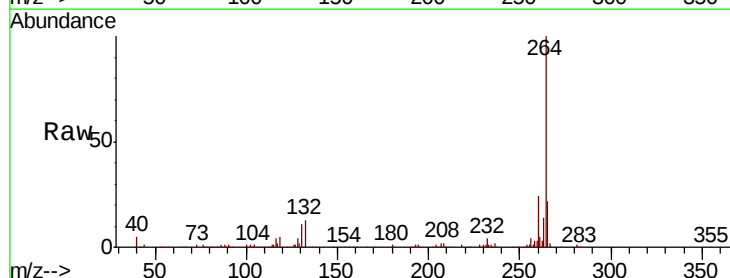
Tgt Ion:264 Resp: 321531

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.7 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

