

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039946.D
 Acq On : 15 Mar 2019 18:09
 Operator : JU/SJ
 Sample : PB117958BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BL

Quant Time: Mar 16 04:09:21 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

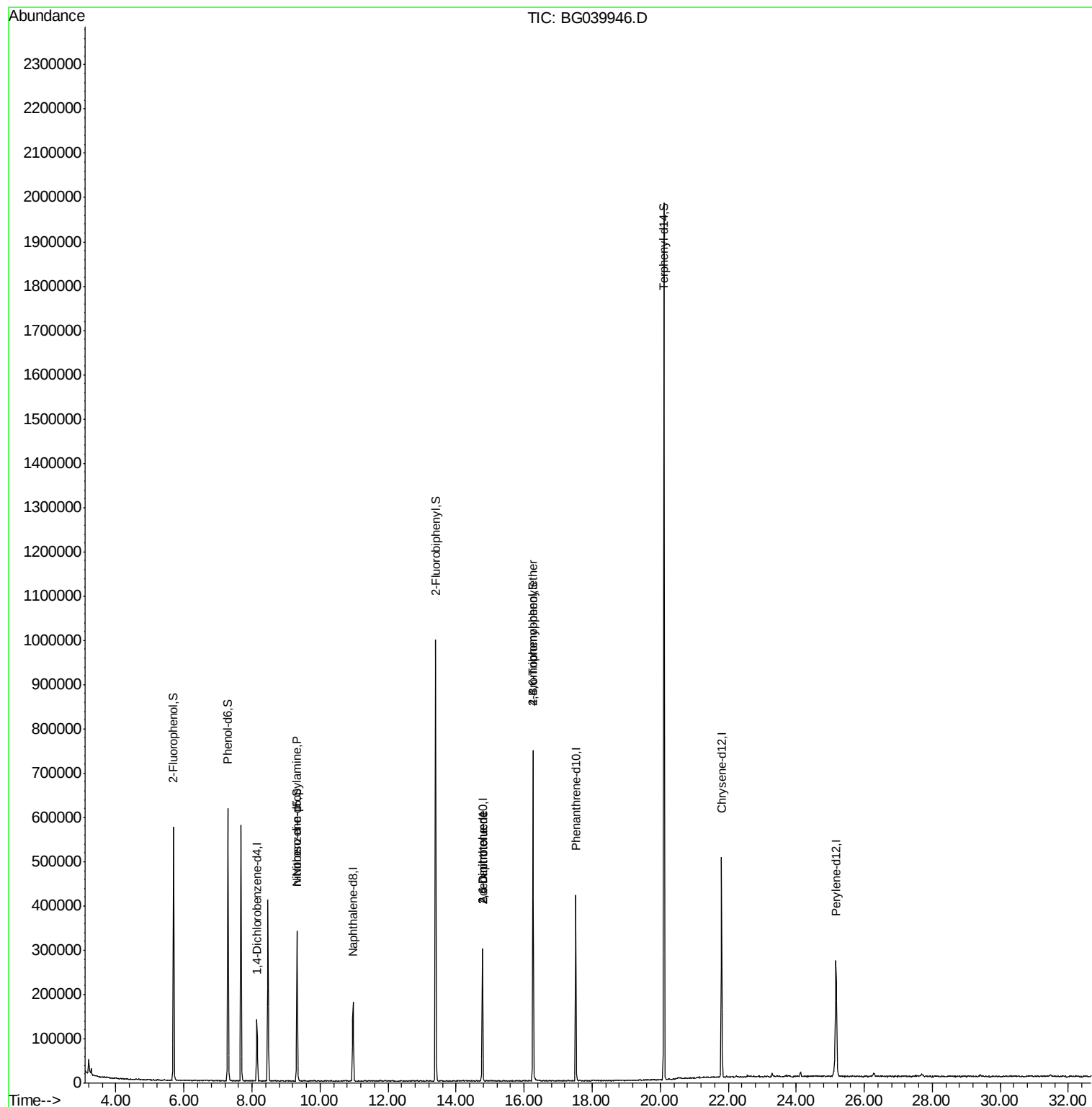
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39116	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	157311	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	108923	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	265288	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	303927	20.00	ng	-0.02
87) Perylene-d12	25.17	264	302005	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	238124	103.86	ng	-0.01
7) Phenol-d6	7.29	99	342525	100.19	ng	-0.02
23) Nitrobenzene-d5	9.33	82	204060	70.16	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	127901	100.74	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	521454	68.16	ng	-0.02
79) Terphenyl-d14	20.11	244	899492	65.16	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	26651	10.830	ng	# 67
51) 2,6-Dinitrotoluene	14.77	165	14043	7.273	ng	# 26
57) 2,4-Dinitrotoluene	14.77	165	14043	5.176	ng	# 21
67) 4-Bromophenyl-phenylether	16.26	248	9490	3.196	ng	# 1

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

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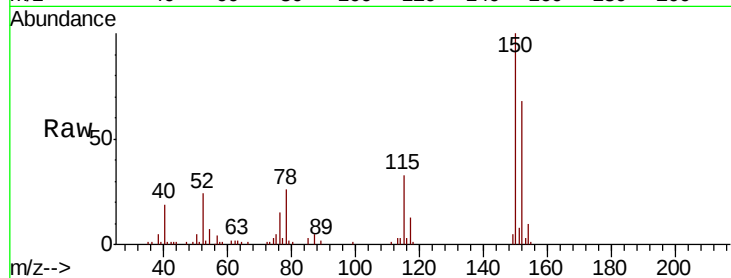


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039946.D
Acq: 15 Mar 2019 18:09

Instrument :
BNA_G
ClientSampleId :
PB117958BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.3	123.7	185.5
115	49.2	45.9	68.9

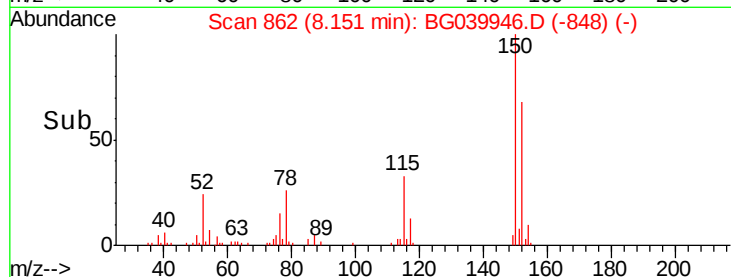
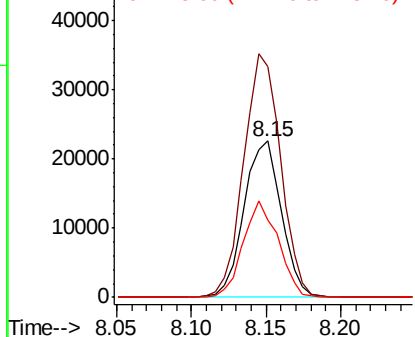


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

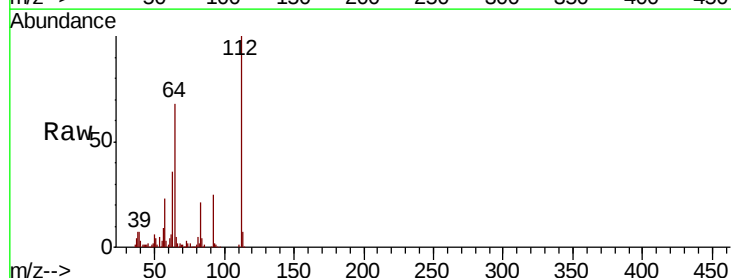
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.856 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039946.D
Acq: 15 Mar 2019 18:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	57.8	86.8
63	36.1	29.8	44.6

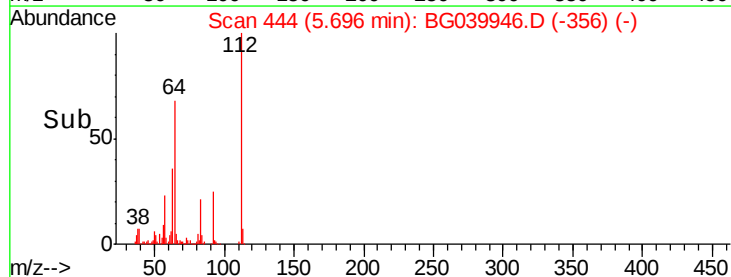
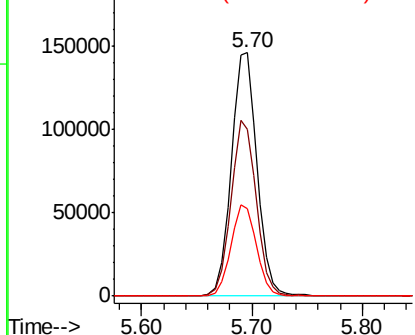


Abundance

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: 100.190 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039946.D

Acq: 15 Mar 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB117958BL

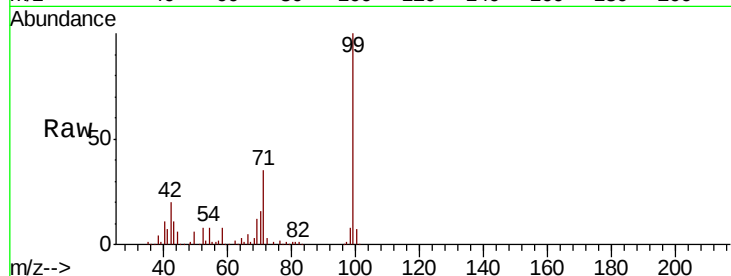
Tgt Ion: 99 Resp: 342525

Ion Ratio Lower Upper

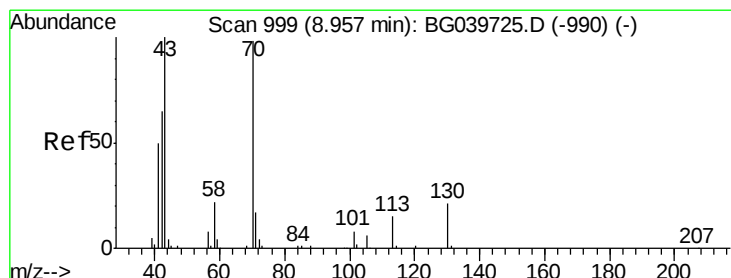
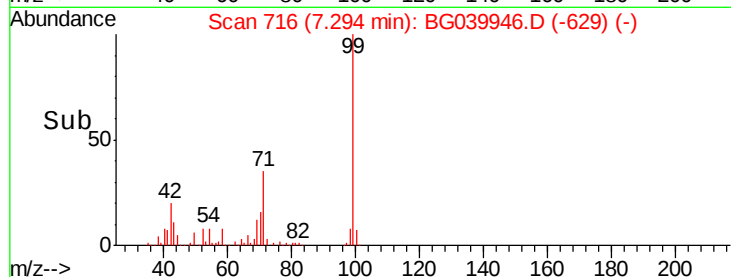
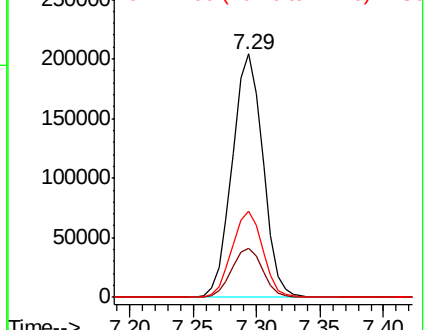
99 100

42 20.4 18.2 27.2

71 35.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.830 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039946.D

Acq: 15 Mar 2019 18:09

Tgt Ion: 70 Resp: 26651

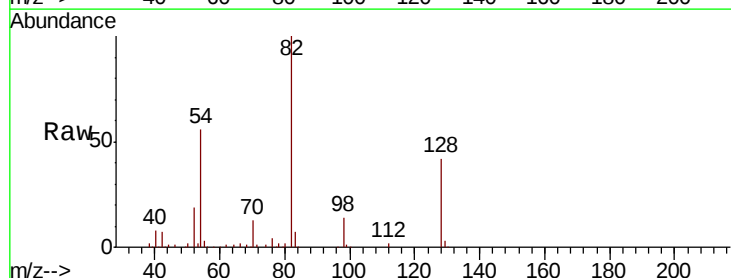
Ion Ratio Lower Upper

70 100

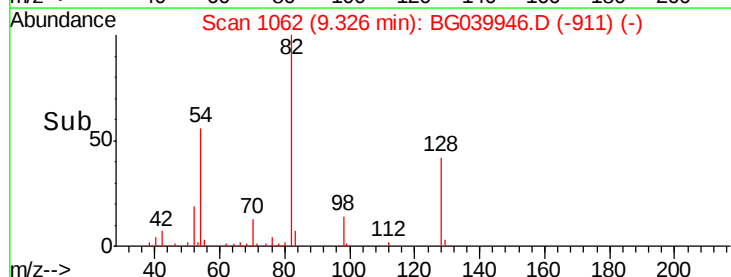
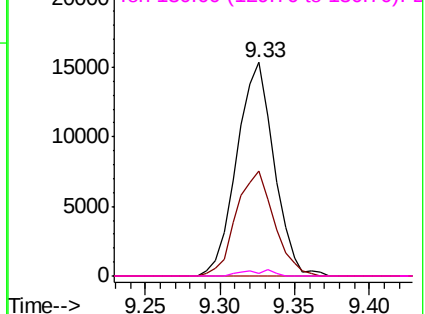
42 49.0 60.4 90.6#

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

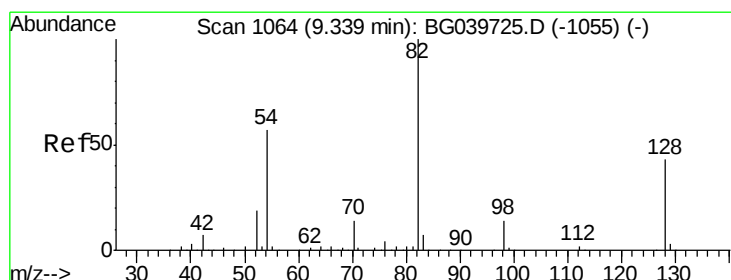
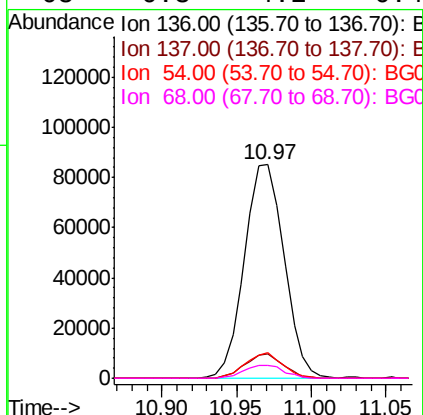
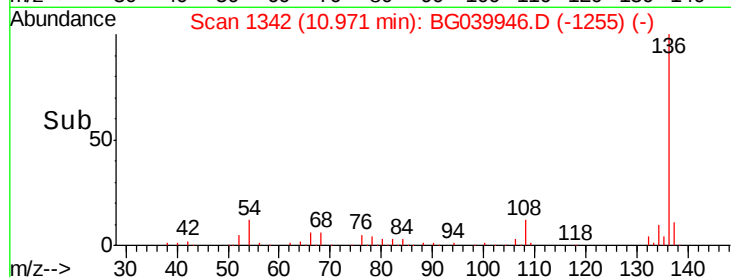
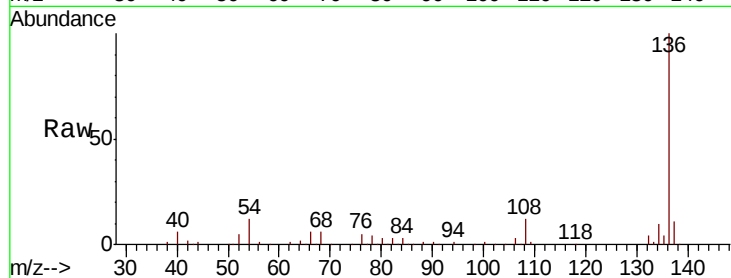




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039946.D
Acq: 15 Mar 2019 18:09

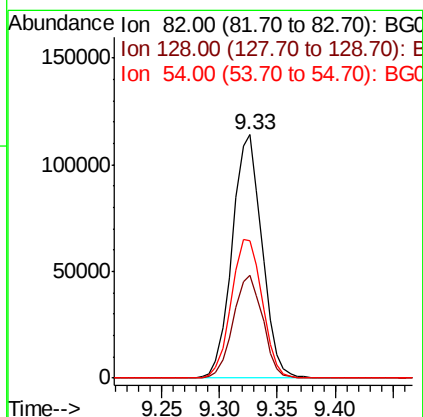
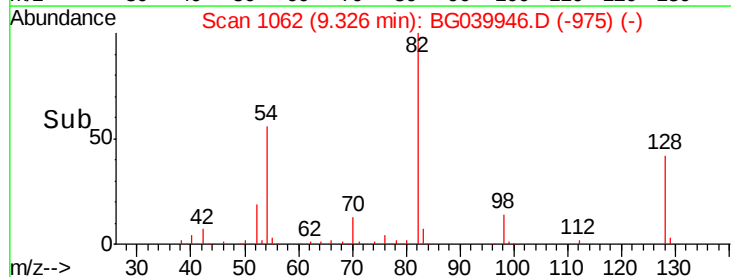
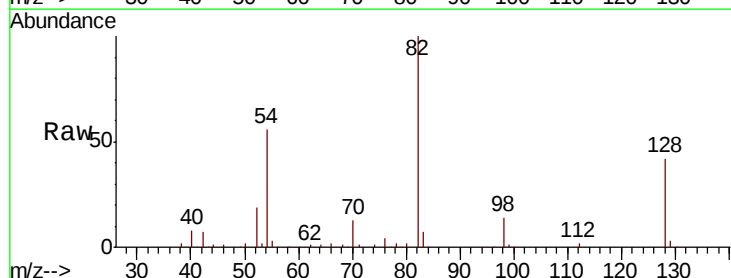
Instrument :
BNA_G
ClientSampleId :
PB117958BL

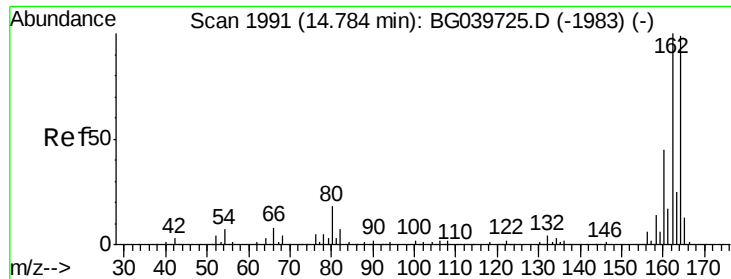
Tgt Ion:	136	Resp:	157311
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	11.9	9.4	14.2
68	6.3	4.2	6.4



#23
Nitrobenzene-d5
Concen: 70.156 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039946.D
Acq: 15 Mar 2019 18:09

Tgt Ion:	82	Resp:	204060
Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.3	46.9
54	56.3	50.9	76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039946.D

Acq: 15 Mar 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB117958BL

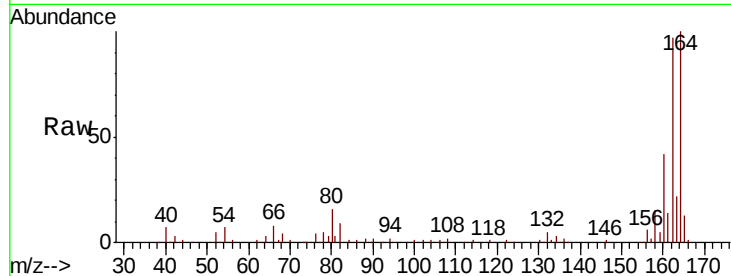
Tgt Ion:164 Resp: 108923

Ion Ratio Lower Upper

164 100

162 97.2 81.6 122.4

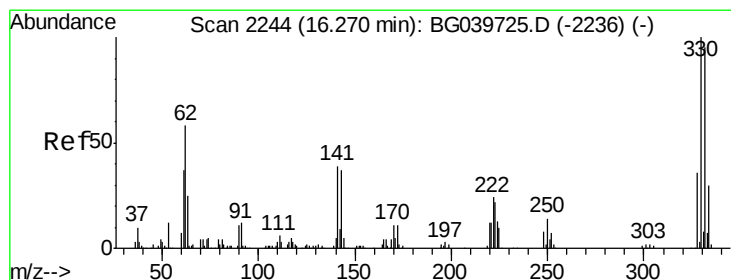
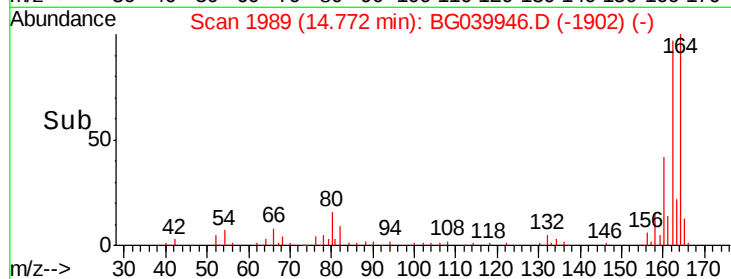
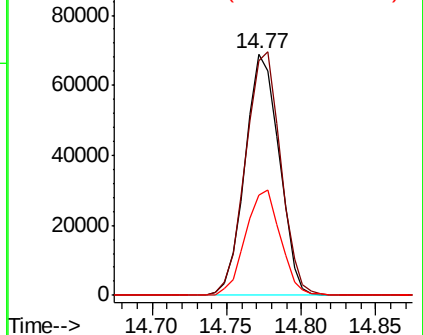
160 41.6 34.2 51.2



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: 100.743 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039946.D

Acq: 15 Mar 2019 18:09

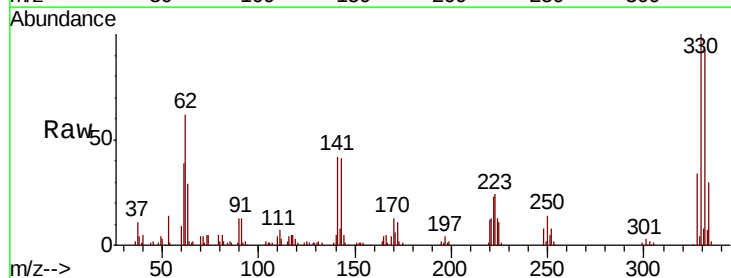
Tgt Ion:330 Resp: 127901

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

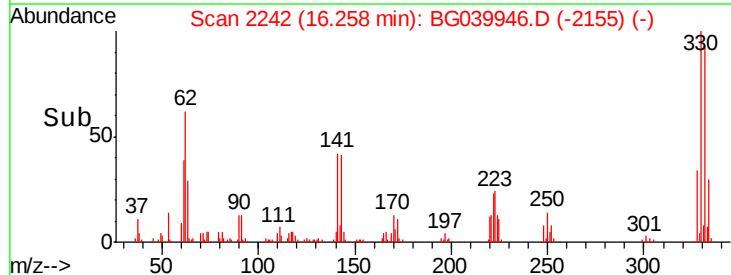
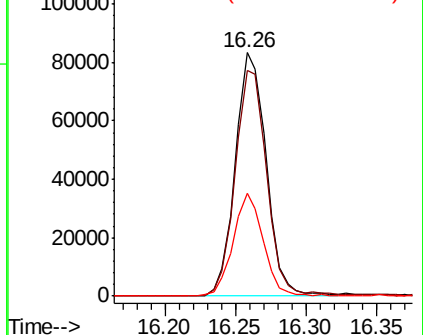
141 40.9 35.6 53.4



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

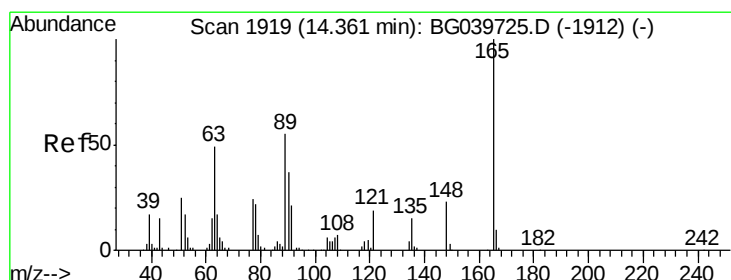
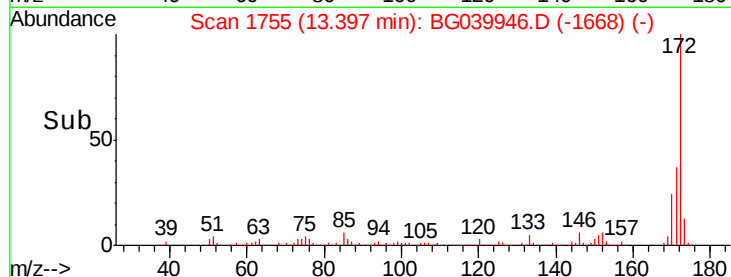
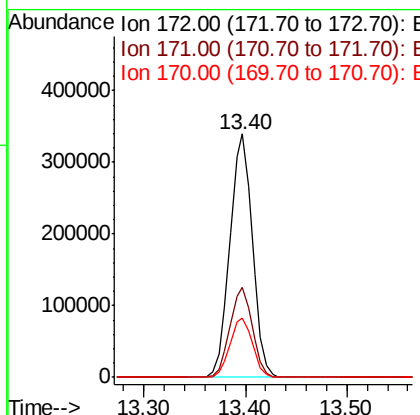
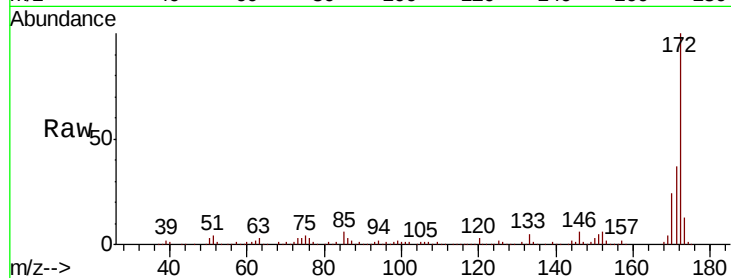




#45
2-Fluorobiphenyl
Concen: 68.164 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039946.D
Acq: 15 Mar 2019 18:09

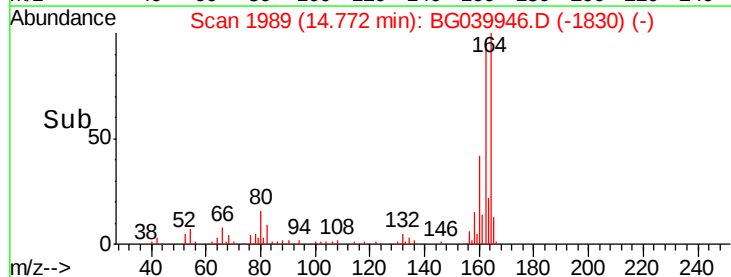
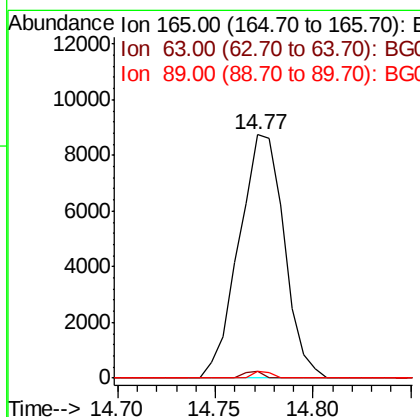
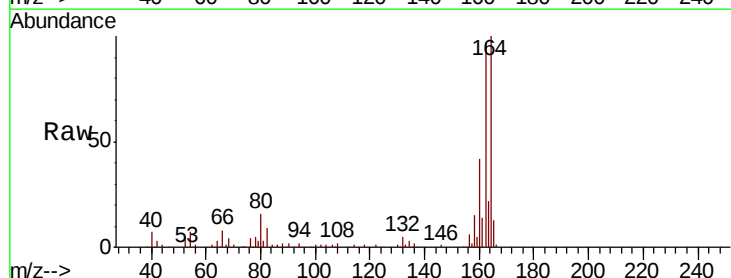
Instrument :
BNA_G
ClientSampleId :
PB117958BL

Tgt Ion:172 Resp: 521454
Ion Ratio Lower Upper
172 100
171 36.7 30.8 46.2
170 24.4 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.273 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.40 min
Lab File: BG039946.D
Acq: 15 Mar 2019 18:09

Tgt Ion:165 Resp: 14043
Ion Ratio Lower Upper
165 100
63 2.6 47.0 70.6#
89 2.9 45.8 68.8#

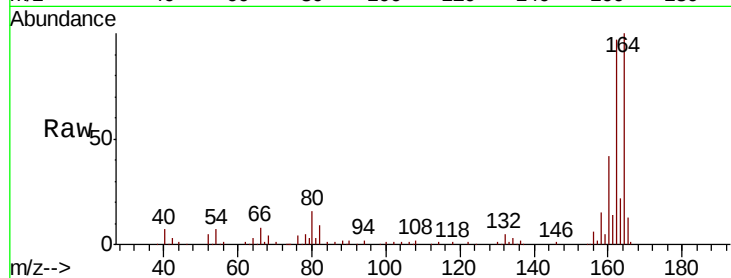




#57
 2,4-Dinitrotoluene
 Concen: 5.176 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.38 min
 Lab File: BG039946.D
 Acq: 15 Mar 2019 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	41.0	61.6#
89	2.9	64.6	96.8#
182	0.0	2.0	3.0#

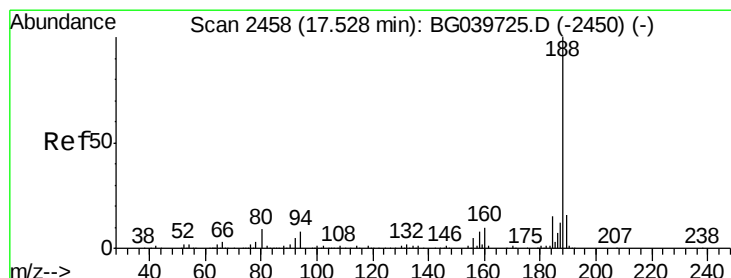
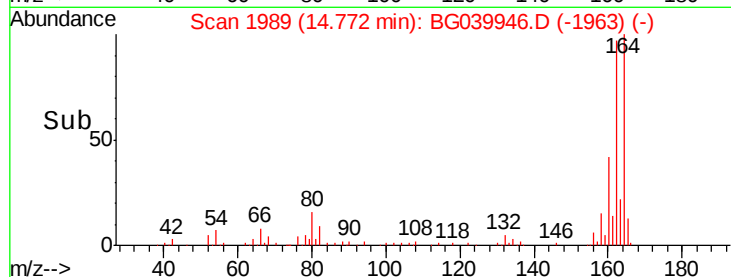
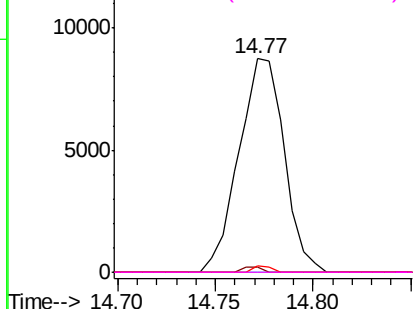


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

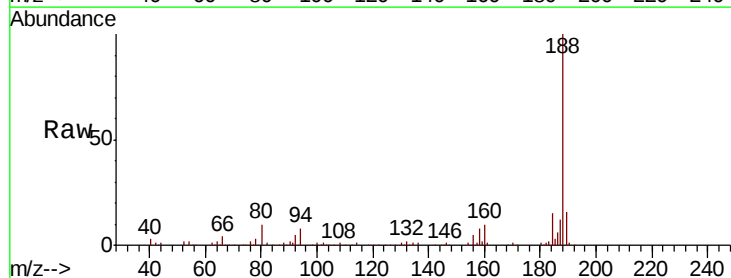
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG039946.D
 Acq: 15 Mar 2019 18:09

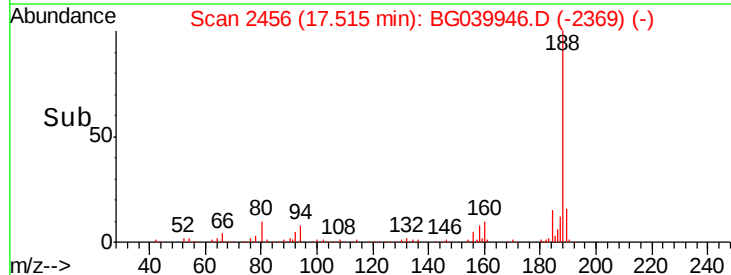
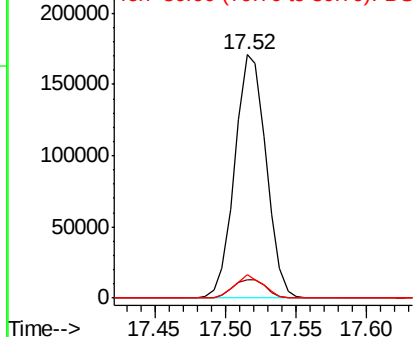
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	9.8	8.1	12.1

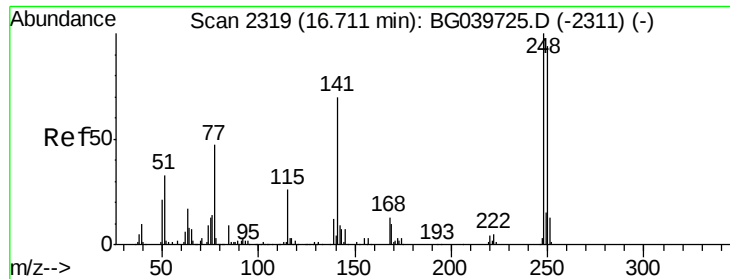


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

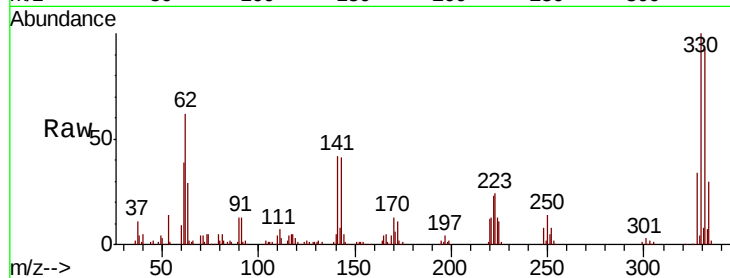




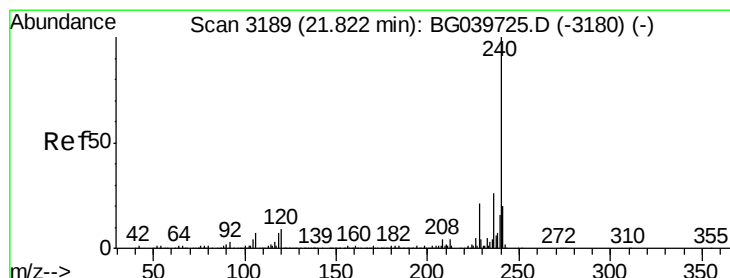
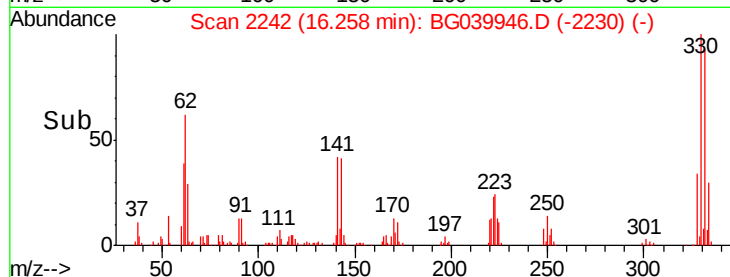
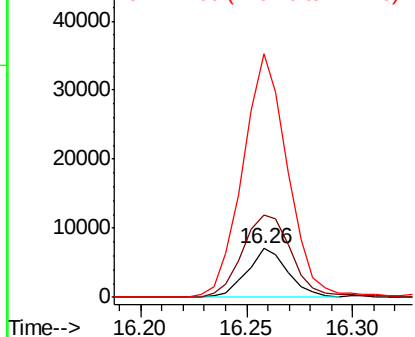
#67
4-Bromophenyl-phenylether
Concen: 3.196 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG039946.D
Acq: 15 Mar 2019 18:09

Instrument :
BNA_G
ClientSampleId :
PB117958BL

Tgt Ion:248 Resp: 9490
Ion Ratio Lower Upper
248 100
250 171.1 77.6 116.4#
141 502.2 63.9 95.9#

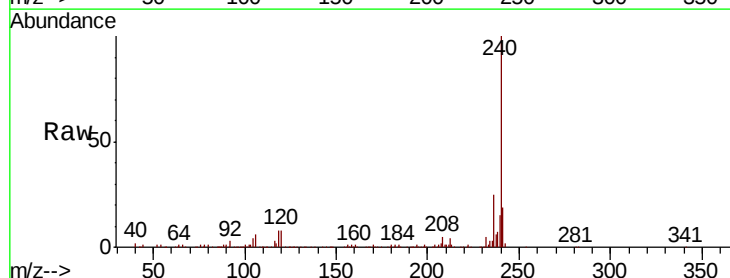


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

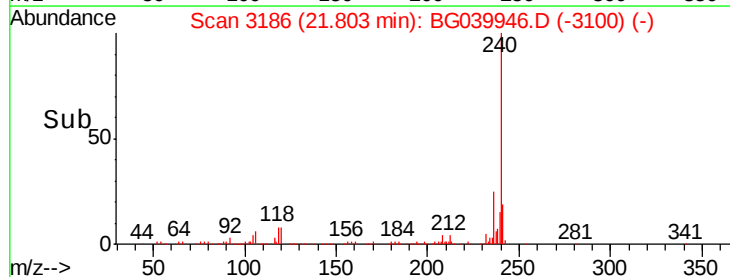
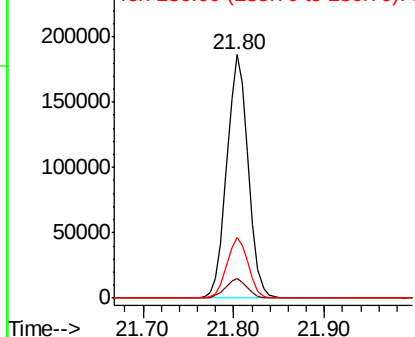


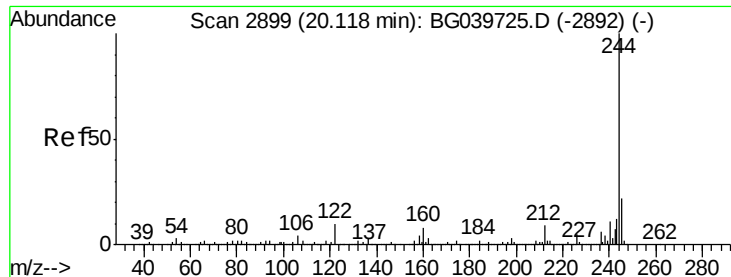
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039946.D
Acq: 15 Mar 2019 18:09

Tgt Ion:240 Resp: 303927
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 24.8 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: 65.164 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039946.D

Acq: 15 Mar 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB117958BL

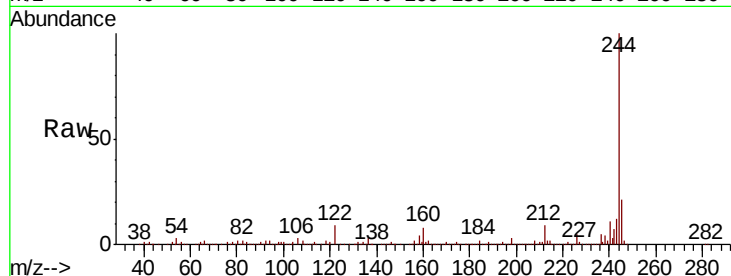
Tgt Ion:244 Resp: 899492

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

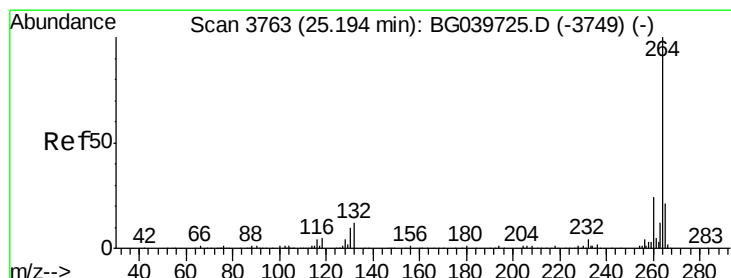
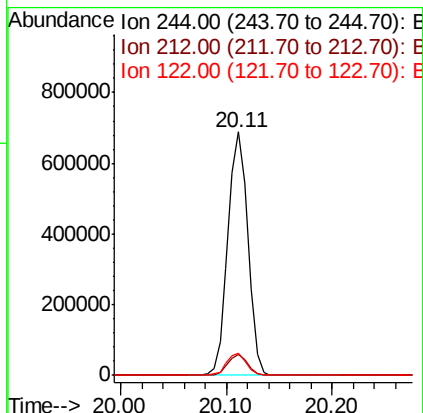
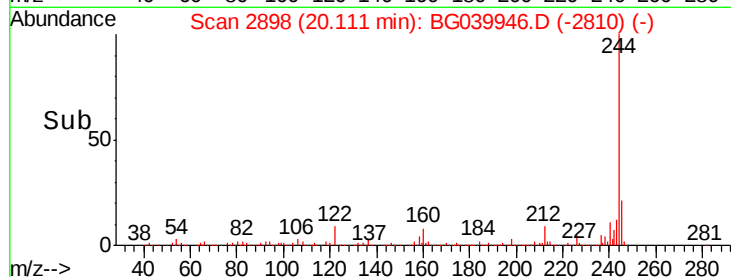
122 9.2 8.4 12.6



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: BG039946.D

Acq: 15 Mar 2019 18:09

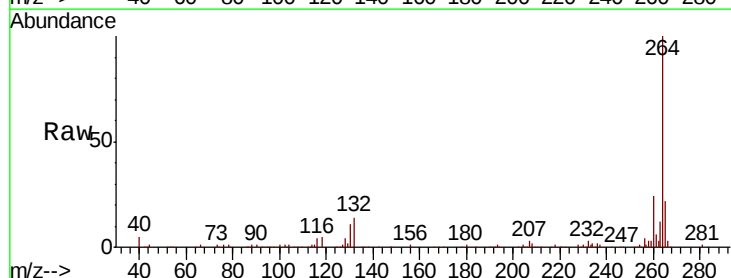
Tgt Ion:264 Resp: 302005

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 22.0 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

