

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
 Data File : BG039886.D
 Acq On : 12 Mar 2019 22:51
 Operator : JU/SJ
 Sample : K1824-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Quant Time: Mar 13 05:50:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

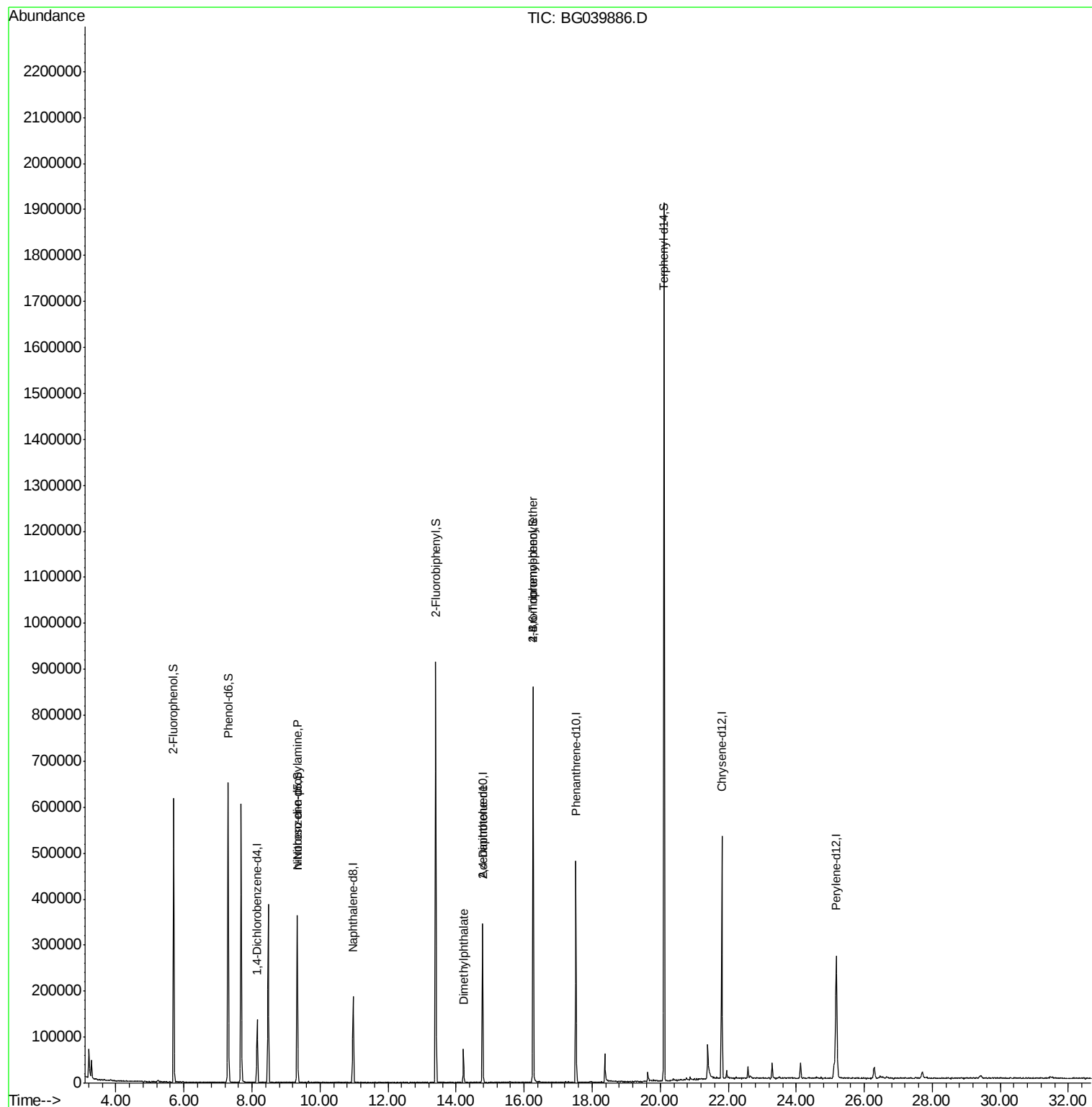
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	38176	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	167531	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	117829	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	302377	20.00	ng	0.00
76) Chrysene-d12	21.81	240	318714	20.00	ng	0.00
87) Perylene-d12	25.18	264	316528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	251559	112.42	ng	0.00
7) Phenol-d6	7.30	99	374576	112.26	ng	0.00
23) Nitrobenzene-d5	9.33	82	216515	69.90	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	146528	106.69	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	487776	58.94	ng	0.00
79) Terphenyl-d14	20.11	244	890377	61.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	27746	11.553	ng	Qvalue # 68
50) Dimethylphthalate	14.22	163	49745	5.049	ng	# 99
57) 2,4-Dinitrotoluene	14.78	165	14795	5.041	ng	# 20
67) 4-Bromophenyl-phenylether	16.26	248	11687	3.453	ng	# 1

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

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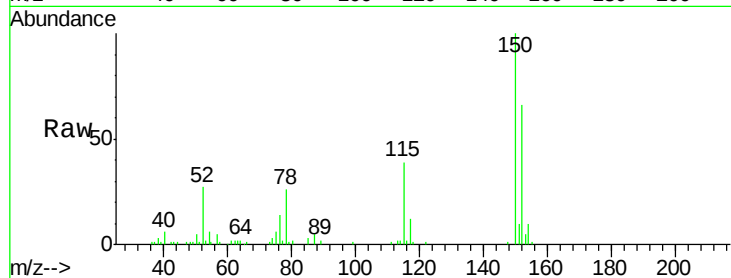


#1

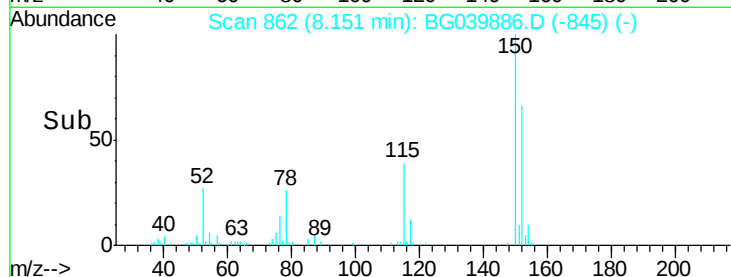
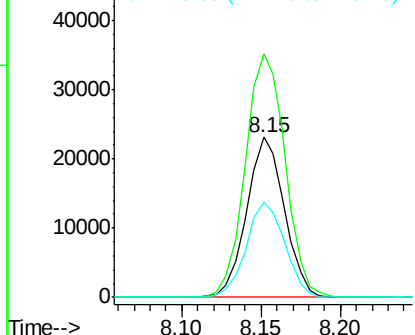
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BG039886.D
 Acq: 12 Mar 2019 22:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Tgt Ion:152 Resp: 38176
 Ion Ratio Lower Upper
 152 100
 150 152.3 123.7 185.5
 115 59.7 45.9 68.9



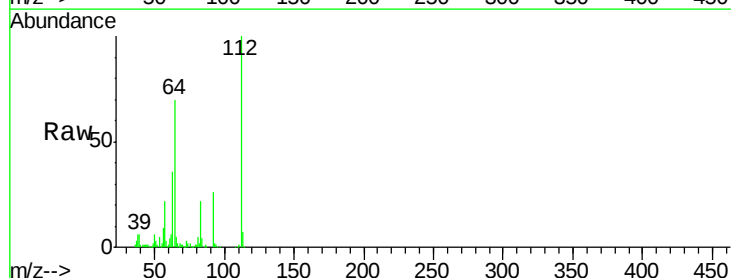
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



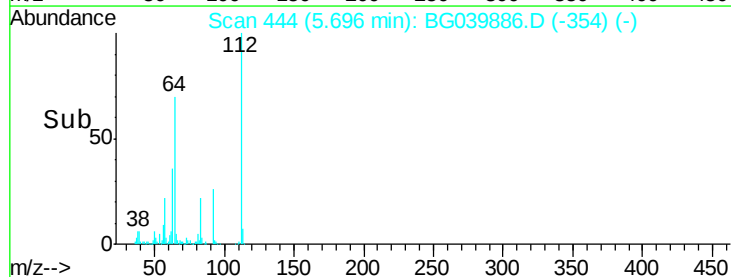
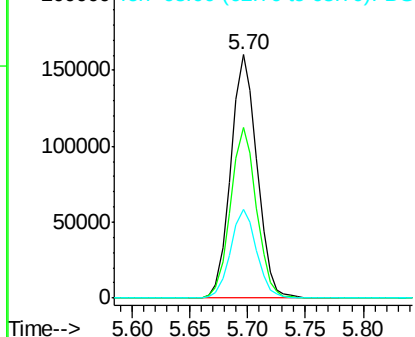
#5

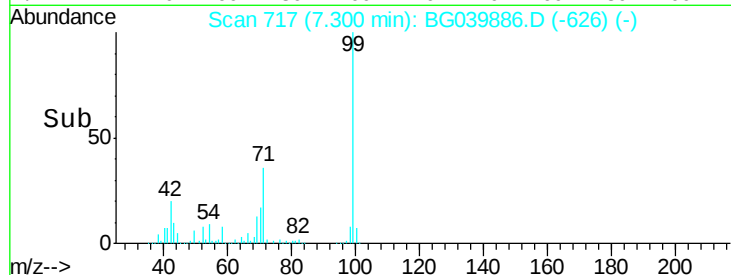
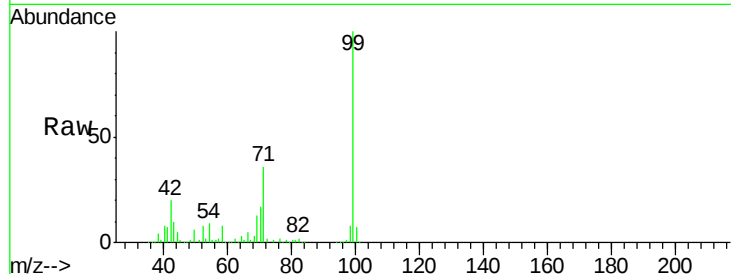
2-Fluorophenol
 Concen: 112.417 ng
 RT: 5.70 min Scan# 444
 Delta R.T. -0.00 min
 Lab File: BG039886.D
 Acq: 12 Mar 2019 22:51

Tgt Ion:112 Resp: 251559
 Ion Ratio Lower Upper
 112 100
 64 70.3 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): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.263 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039886.D

Acq: 12 Mar 2019 22:51

Instrument :

BNA_G

ClientSampleId :

TP-25

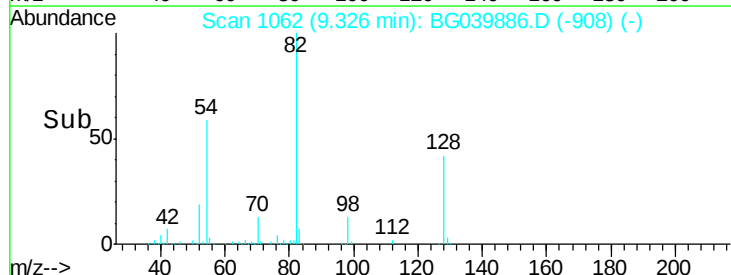
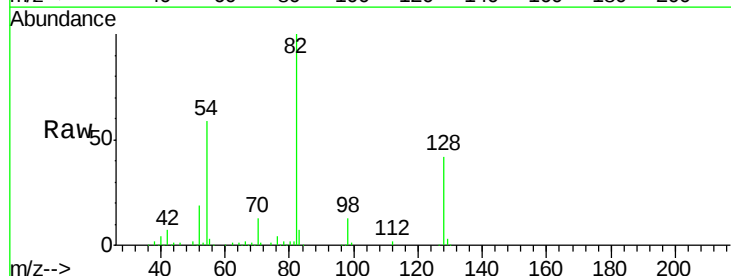
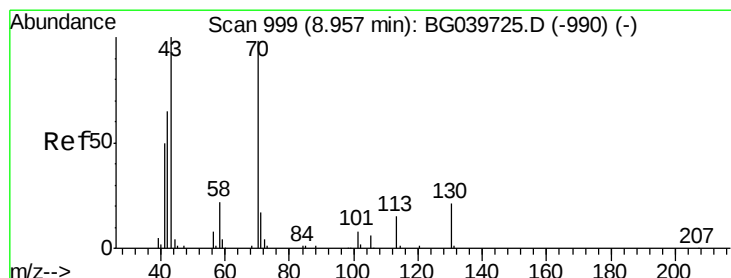
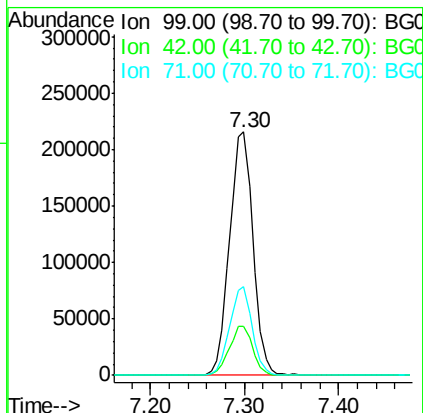
Tgt Ion: 99 Resp: 374576

Ion Ratio Lower Upper

99 100

42 20.3 18.2 27.2

71 36.3 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.553 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.37 min

Lab File: BG039886.D

Acq: 12 Mar 2019 22:51

Tgt Ion: 70 Resp: 27746

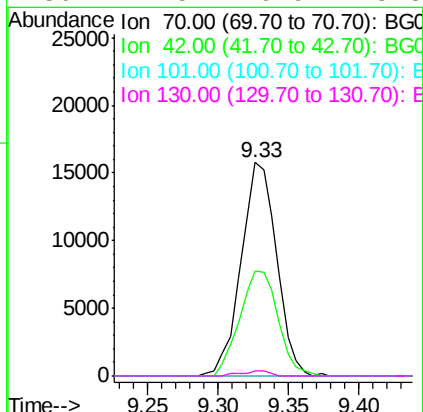
Ion Ratio Lower Upper

70 100

42 49.3 60.4 90.6#

101 0.0 7.5 11.3#

130 2.5 16.9 25.3#

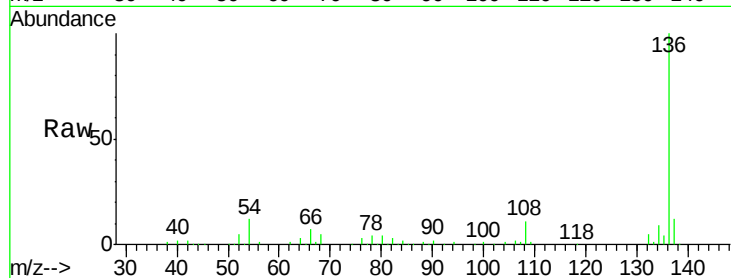




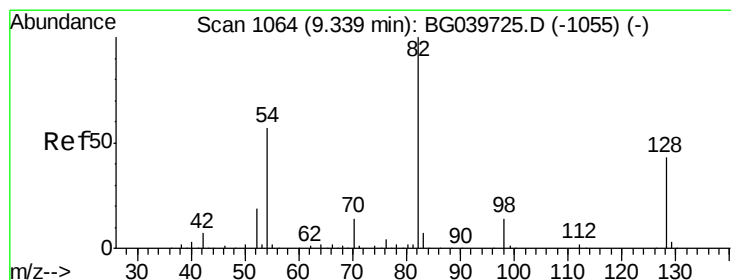
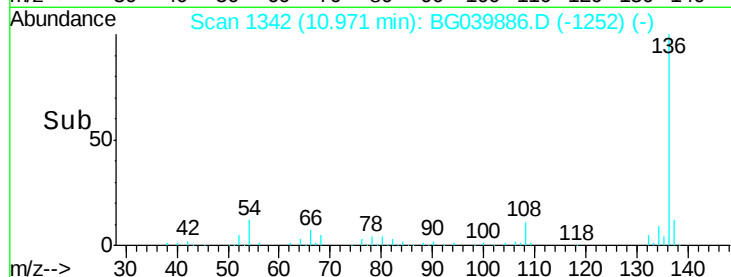
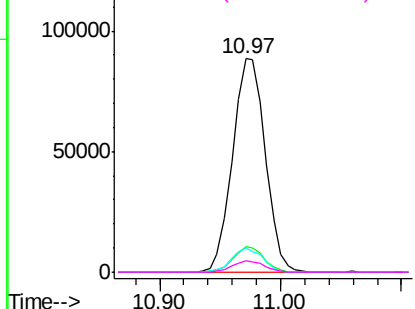
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG039886.D
Acq: 12 Mar 2019 22:51

Instrument :
BNA_G
ClientSampleId :
TP-25

Tgt Ion:	136	Resp:	167531
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	11.7	9.4	14.2
68	5.3	4.2	6.4

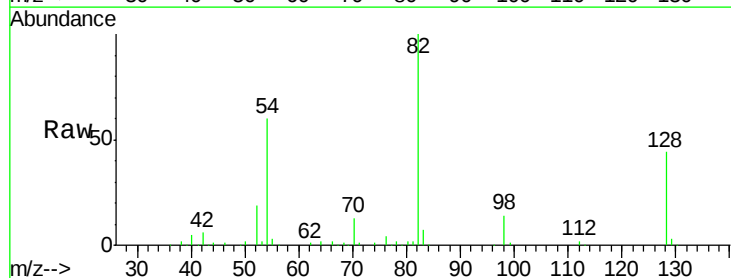


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

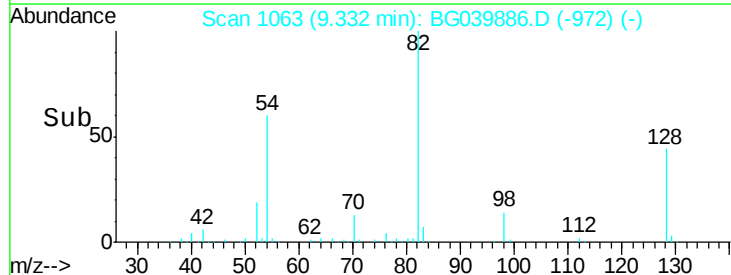
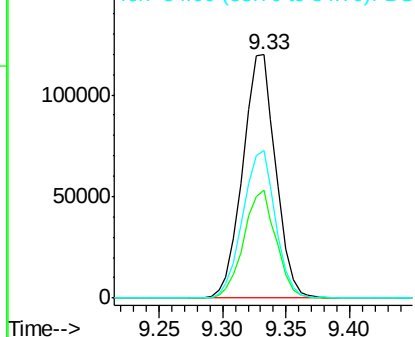


#23
Nitrobenzene-d5
Concen: 69.898 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BG039886.D
Acq: 12 Mar 2019 22:51

Tgt Ion:	82	Resp:	216515
Ion	Ratio	Lower	Upper
82	100		
128	44.1	31.3	46.9
54	60.4	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: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG039886.D

Acq: 12 Mar 2019 22:51

Instrument :

BNA_G

ClientSampleId :

TP-25

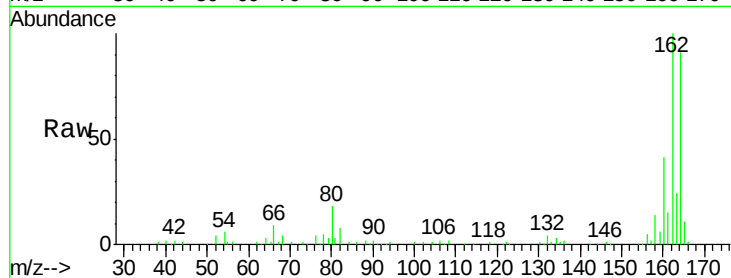
Tgt Ion:164 Resp: 117829

Ion Ratio Lower Upper

164 100

162 109.9 81.6 122.4

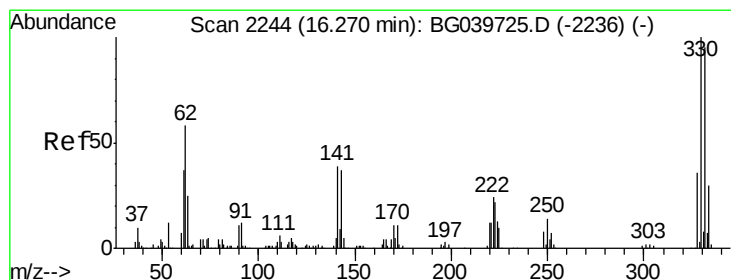
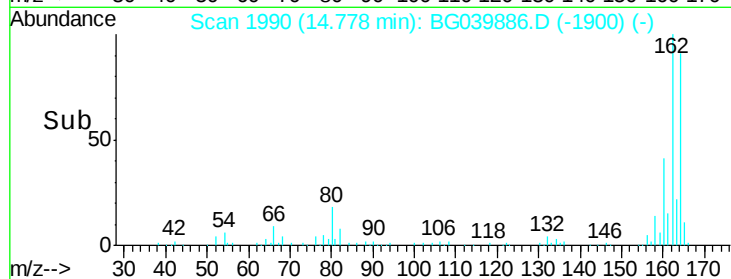
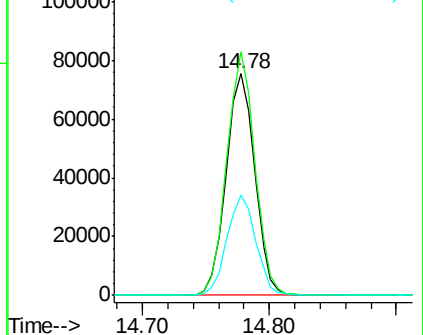
160 45.2 34.2 51.2



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: 106.691 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BG039886.D

Acq: 12 Mar 2019 22:51

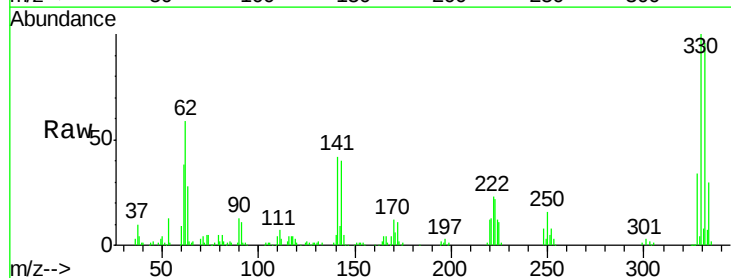
Tgt Ion:330 Resp: 146528

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

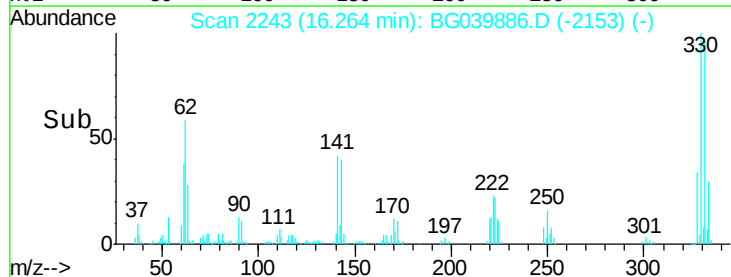
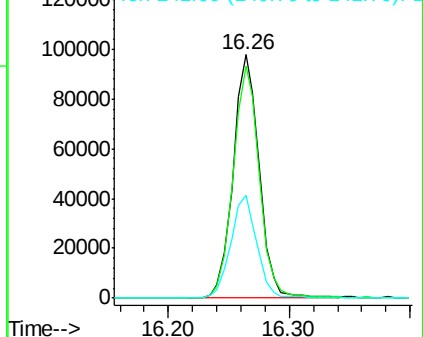
141 42.7 35.6 53.4



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

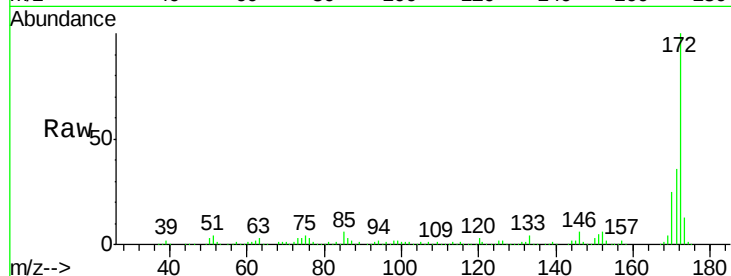




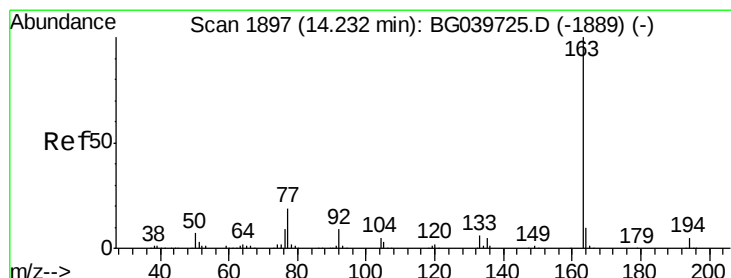
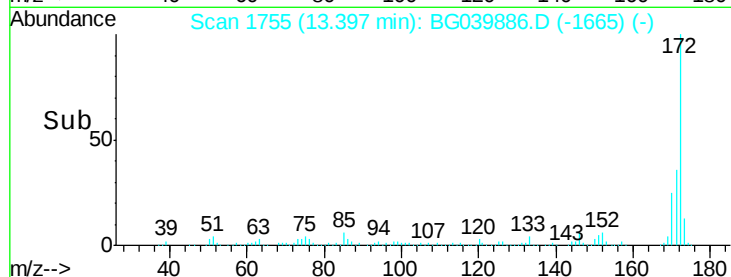
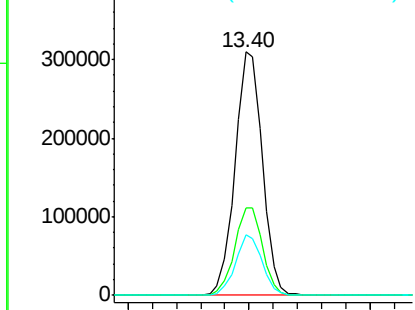
#45
2-Fluorobiphenyl
Concen: 58.942 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BG039886.D
Acq: 12 Mar 2019 22:51

Instrument :
BNA_G
ClientSampleId :
TP-25

Tgt Ion:172 Resp: 487776
Ion Ratio Lower Upper
172 100
171 35.7 30.8 46.2
170 24.6 20.2 30.4

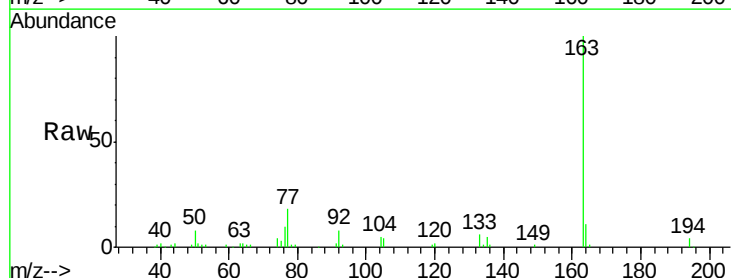


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

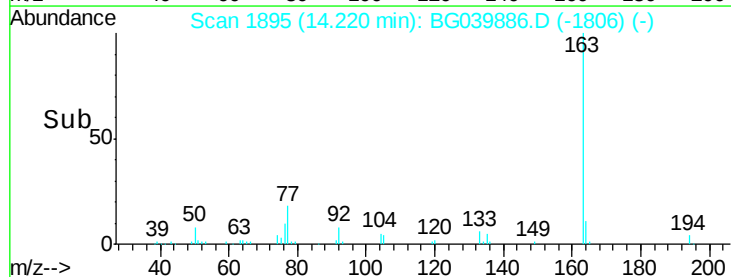
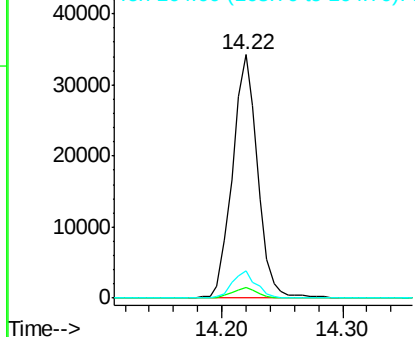


#50
Dimethylphthalate
Concen: 5.049 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BG039886.D
Acq: 12 Mar 2019 22:51

Tgt Ion:163 Resp: 49745
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 11.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

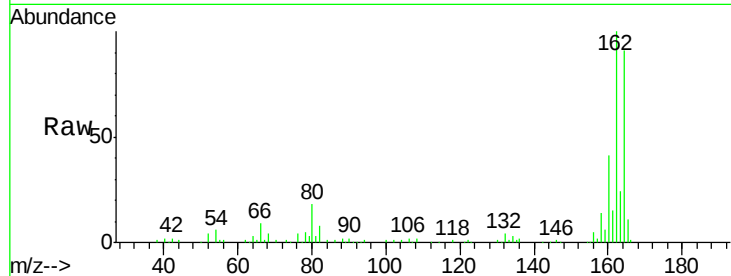




#57
 2,4-Dinitrotoluene
 Concen: 5.041 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.36 min
 Lab File: BG039886.D
 Acq: 12 Mar 2019 22:51

Instrument :
 BNA_G
 ClientSampled :
 TP-25

Tgt Ion:	165	Resp:	14795
Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.0	61.6#
89	3.4	64.6	96.8#
182	0.0	2.0	3.0#

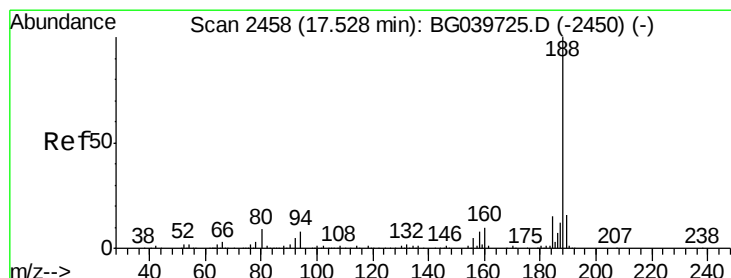
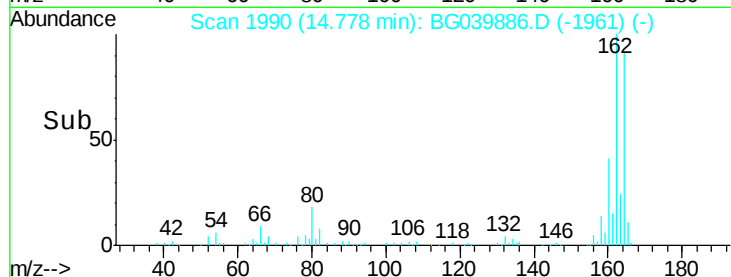
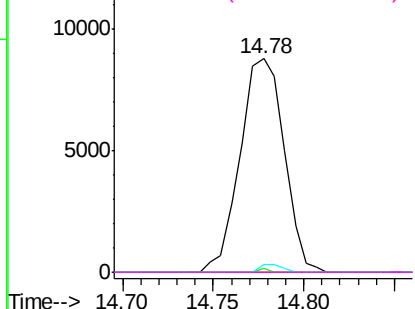


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

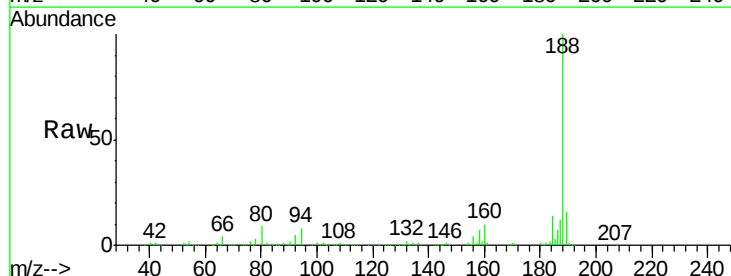
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.00 min
 Lab File: BG039886.D
 Acq: 12 Mar 2019 22:51

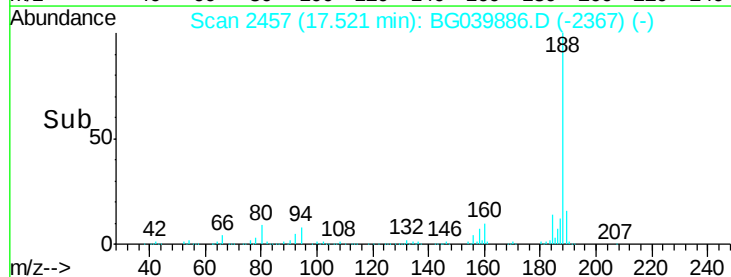
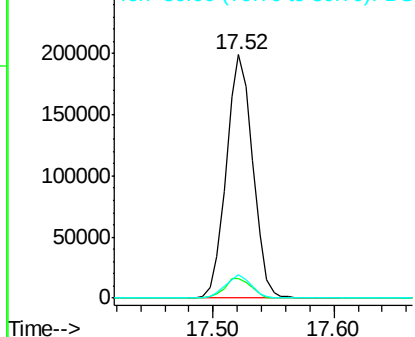
Tgt Ion:	188	Resp:	302377
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.4	8.1	12.1

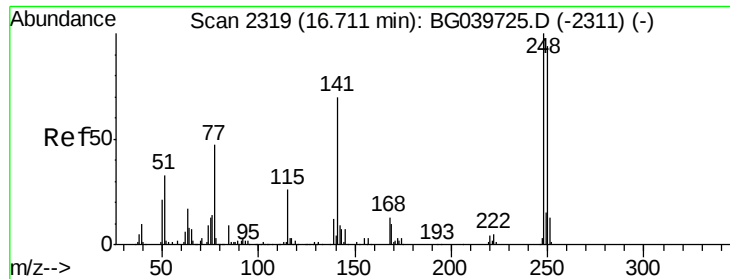


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

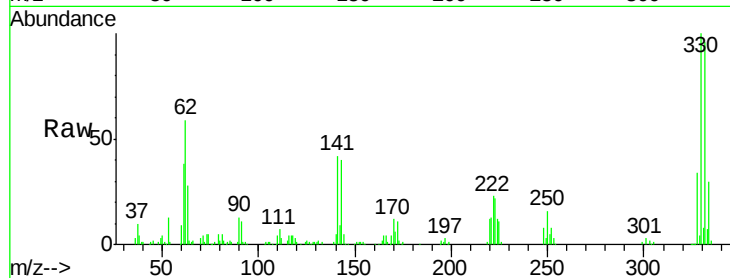




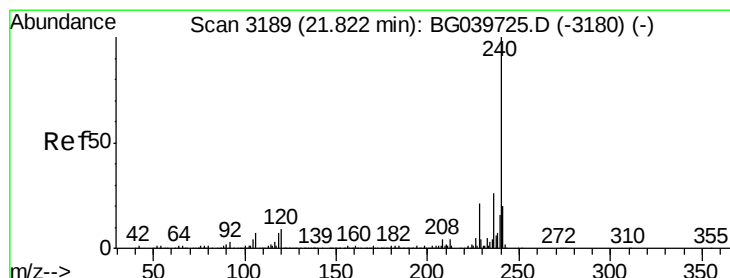
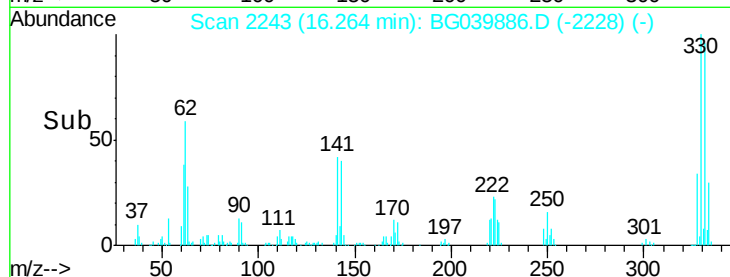
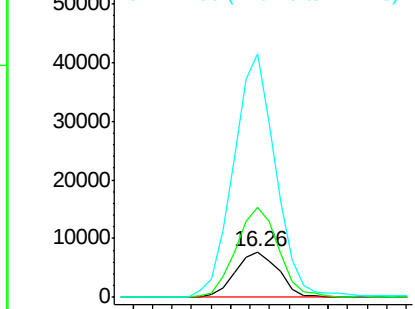
#67
 4-Bromophenyl-phenylether
 Concen: 3.453 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.44 min
 Lab File: BG039886.D
 Acq: 12 Mar 2019 22:51

Instrument :
 BNA_G
 ClientSampled :
 TP-25

Tgt Ion:248 Resp: 11687
 Ion Ratio Lower Upper
 248 100
 250 196.7 77.6 116.4#
 141 534.6 63.9 95.9#

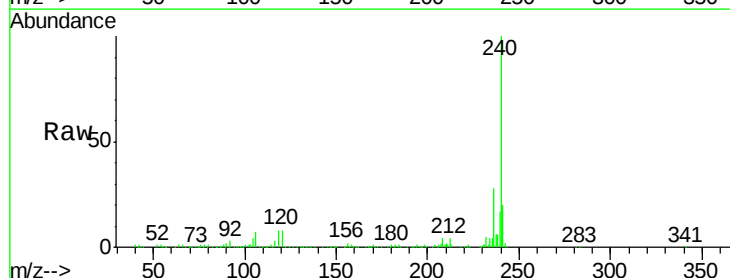


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

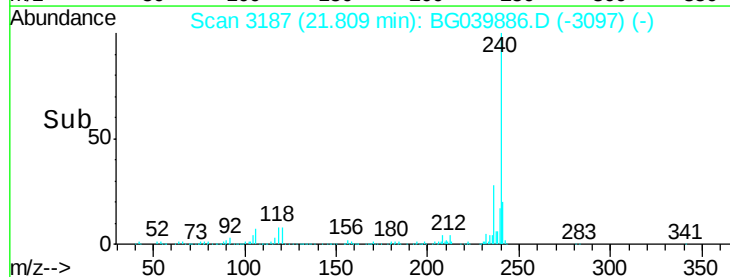
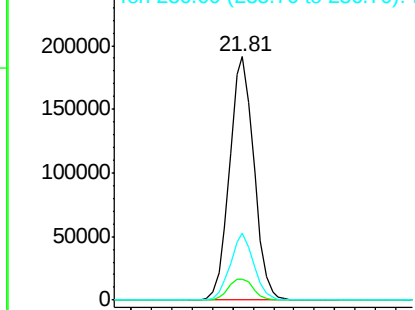


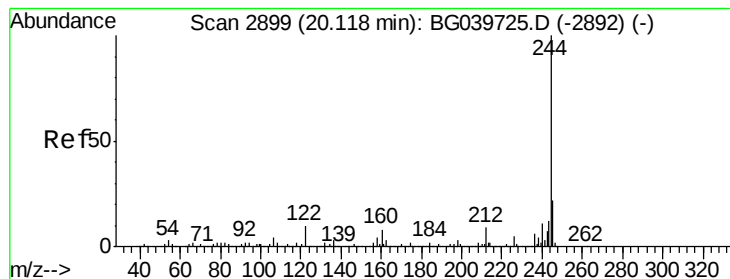
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.00 min
 Lab File: BG039886.D
 Acq: 12 Mar 2019 22:51

Tgt Ion:240 Resp: 318714
 Ion Ratio Lower Upper
 240 100
 120 8.3 7.0 10.6
 236 27.5 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: 61.511 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.00 min

Lab File: BG039886.D

Acq: 12 Mar 2019 22:51

Instrument :

BNA_G

ClientSampled :

TP-25

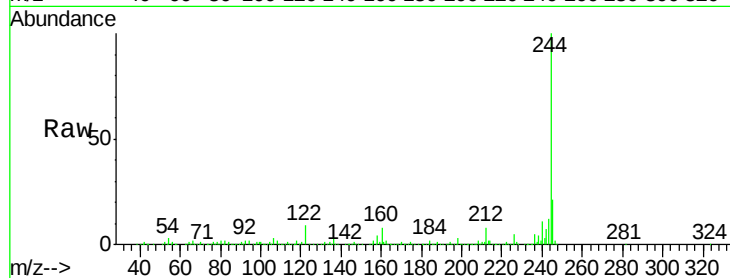
Tgt Ion:244 Resp: 890377

Ion Ratio Lower Upper

244 100

212 8.4 7.3 10.9

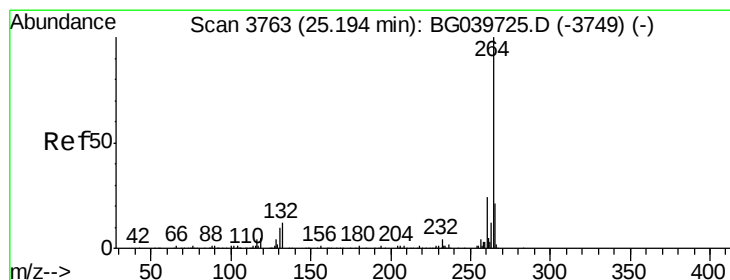
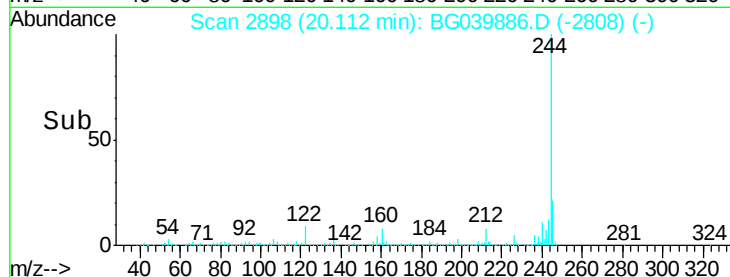
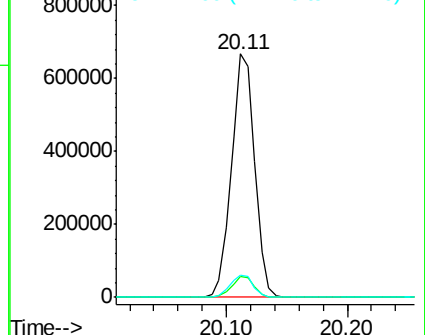
122 9.2 8.4 12.6



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: 25.18 min Scan# 3760

Delta R.T. -0.01 min

Lab File: BG039886.D

Acq: 12 Mar 2019 22:51

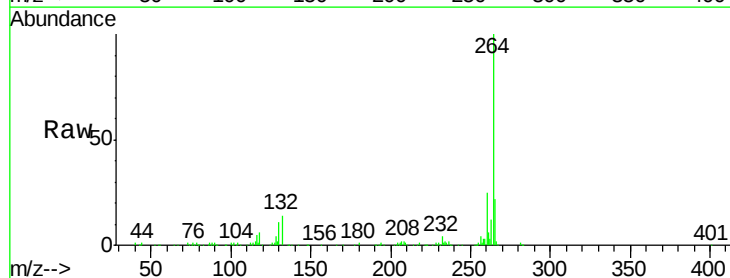
Tgt Ion:264 Resp: 316528

Ion Ratio Lower Upper

264 100

260 25.3 18.2 27.4

265 21.8 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

