

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039846.D
 Acq On : 11 Mar 2019 17:51
 Operator : JU/SJ
 Sample : K1807-37RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19

Quant Time: Mar 12 03:37:34 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

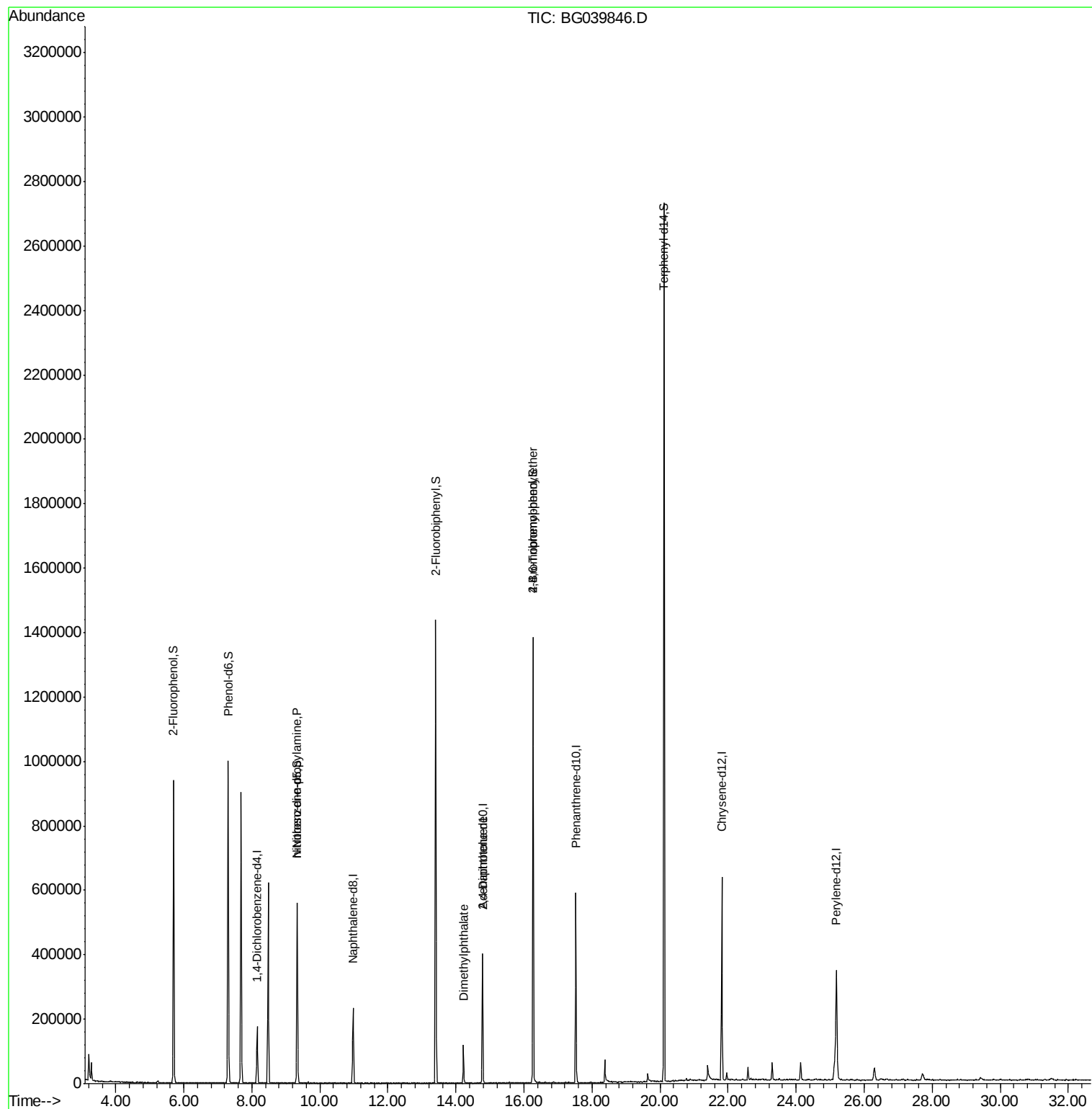
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	46673	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	202411	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	141002	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	369954	20.00	ng	0.00
76) Chrysene-d12	21.81	240	384665	20.00	ng	-0.02
87) Perylene-d12	25.18	264	389435	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	388669	142.07	ng	0.00
7) Phenol-d6	7.30	99	576368	141.29	ng	0.00
23) Nitrobenzene-d5	9.34	82	335428	89.63	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	240032	146.05	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	771739	77.93	ng	-0.02
79) Terphenyl-d14	20.12	244	1294431	74.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.34	70	43404	14.783	ng	# 68
50) Dimethylphthalate	14.22	163	82286	6.979	ng	# 98
57) 2,4-Dinitrotoluene	14.78	165	17565	5.001	ng	# 17
67) 4-Bromophenyl-phenylether	16.27	248	18390	4.441	ng	# 1

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

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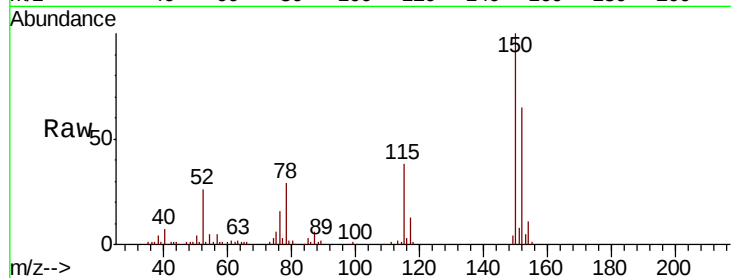


#1

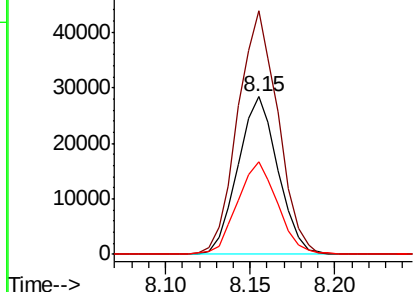
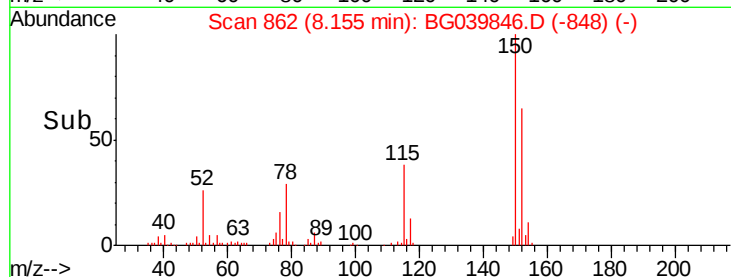
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039846.D
Acq: 11 Mar 2019 17:51

Instrument :
BNA_G
ClientSampled :
TP-19

Tgt Ion:152 Resp: 46673
Ion Ratio Lower Upper
152 100
150 154.3 123.7 185.5
115 58.4 45.9 68.9



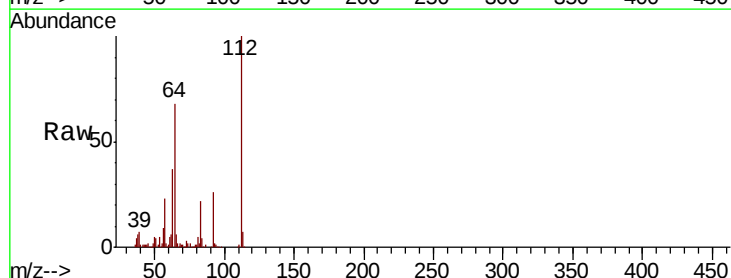
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



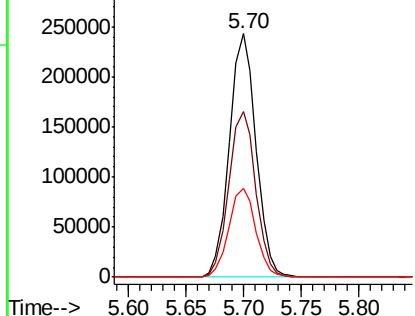
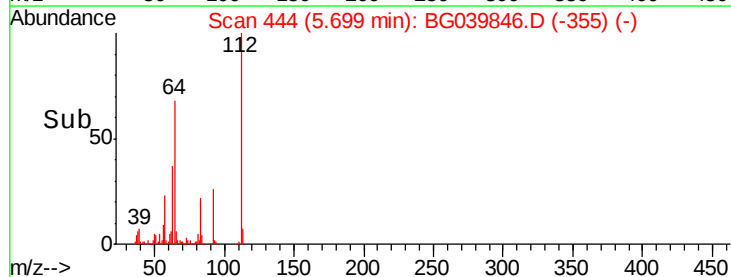
#5

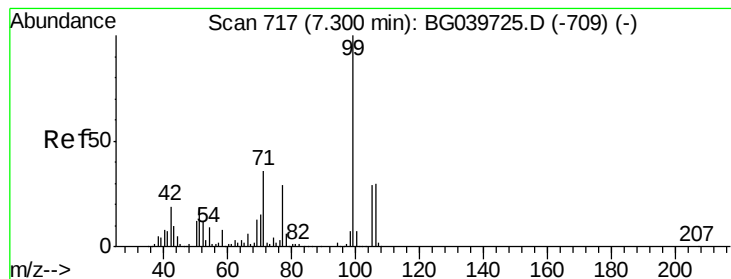
2-Fluorophenol
Concen: 142.068 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039846.D
Acq: 11 Mar 2019 17:51

Tgt Ion:112 Resp: 388669
Ion Ratio Lower Upper
112 100
64 68.2 57.8 86.8
63 36.7 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 141.293 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039846.D

Acq: 11 Mar 2019 17:51

Instrument :

BNA_G

ClientSampled :

TP-19

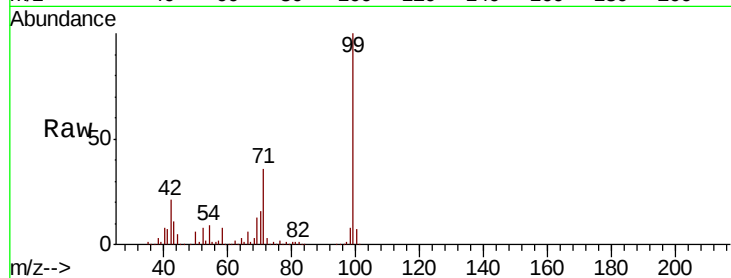
Tgt Ion: 99 Resp: 576368

Ion Ratio Lower Upper

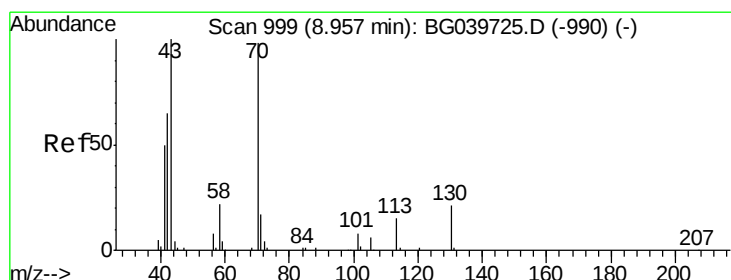
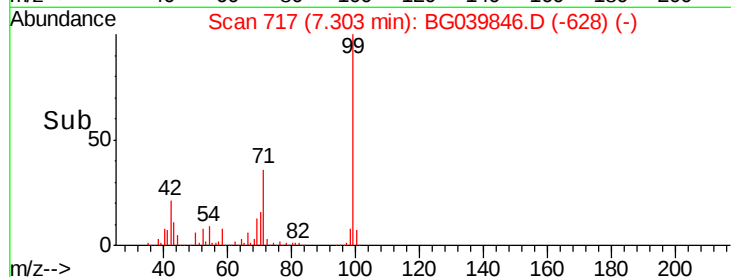
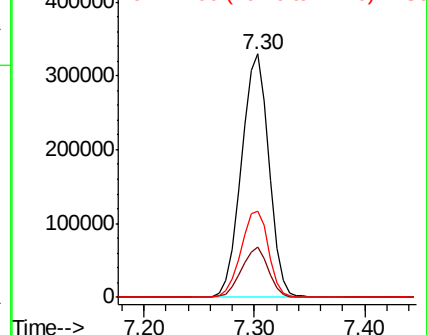
99 100

42 20.7 18.2 27.2

71 35.6 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: 14.783 ng

RT: 9.34 min Scan# 1063

Delta R.T. 0.37 min

Lab File: BG039846.D

Acq: 11 Mar 2019 17:51

Tgt Ion: 70 Resp: 43404

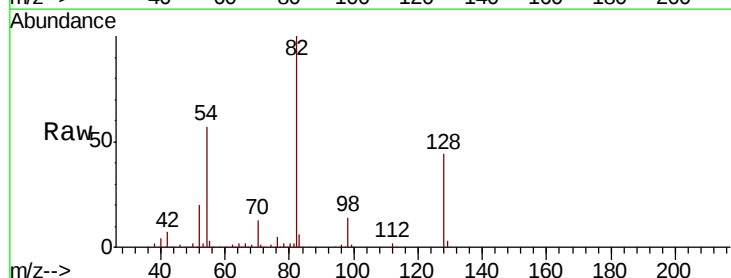
Ion Ratio Lower Upper

70 100

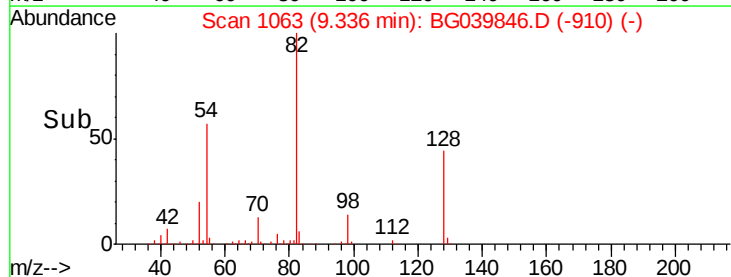
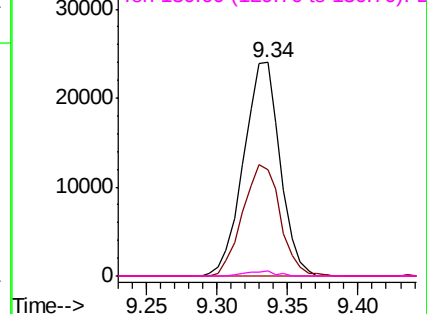
42 49.5 60.4 90.6#

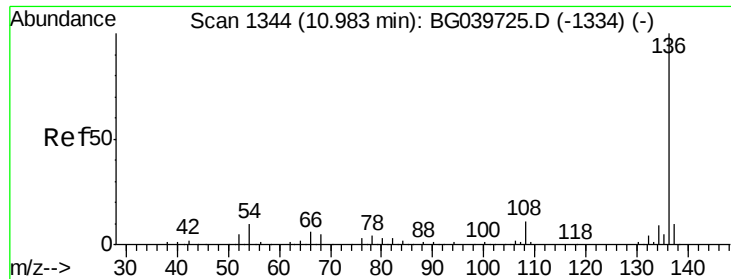
101 0.0 7.5 11.3#

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

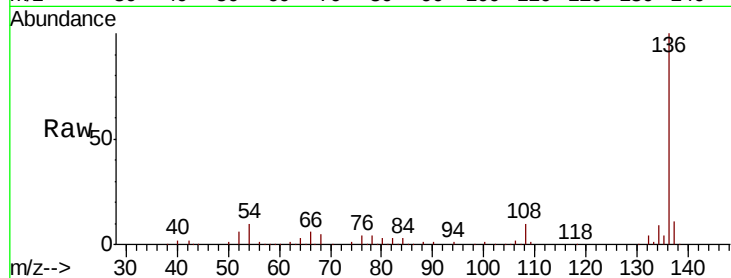




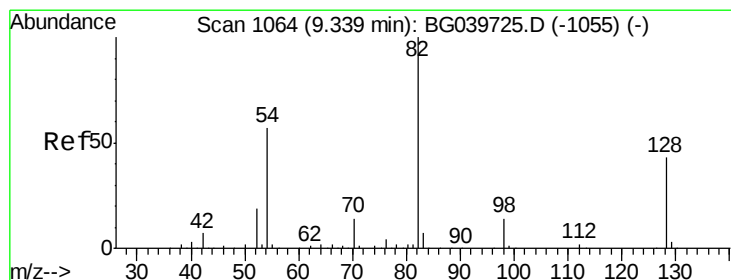
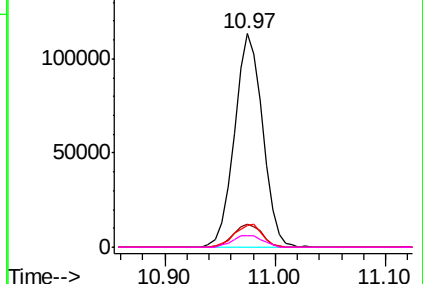
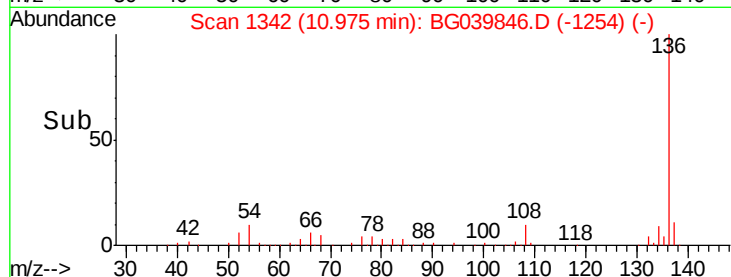
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039846.D
Acq: 11 Mar 2019 17:51

Instrument :
BNA_G
ClientSampleId :
TP-19

Tgt Ion:	136	Resp:	202411
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	10.5	9.4	14.2
68	5.3	4.2	6.4

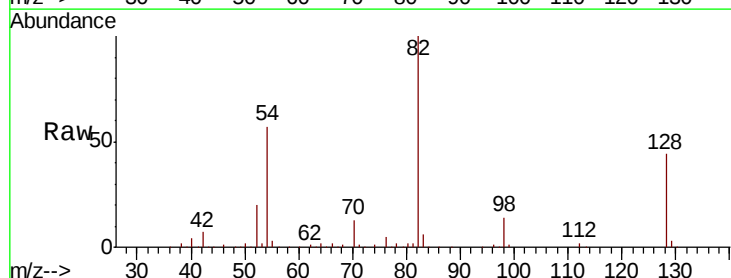


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

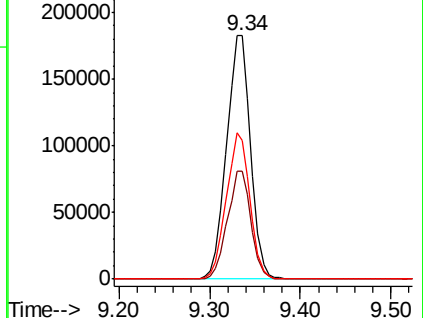
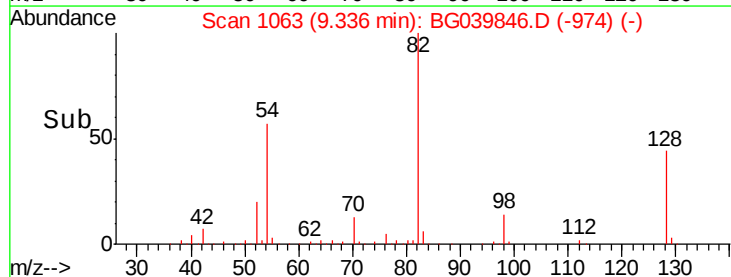


#23
Nitrobenzene-d5
Concen: 89.626 ng
RT: 9.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039846.D
Acq: 11 Mar 2019 17:51

Tgt Ion:	82	Resp:	335428
Ion	Ratio	Lower	Upper
82	100		
128	44.5	31.3	46.9
54	57.0	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: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039846.D

Acq: 11 Mar 2019 17:51

Instrument :

BNA_G

ClientSampleId :

TP-19

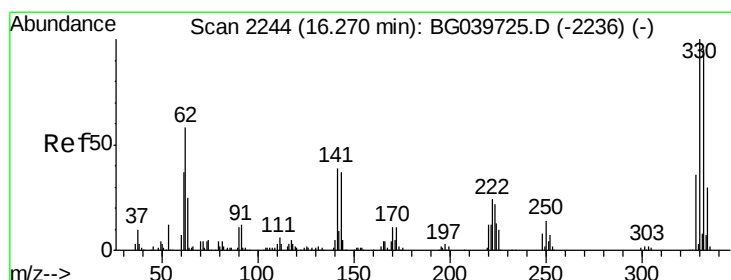
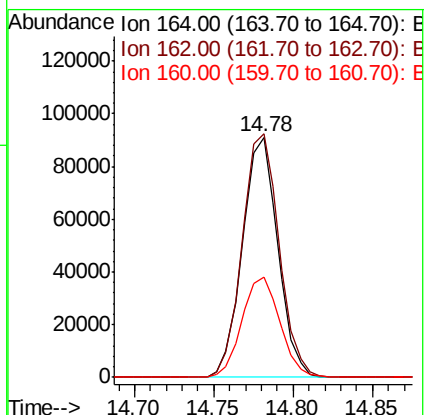
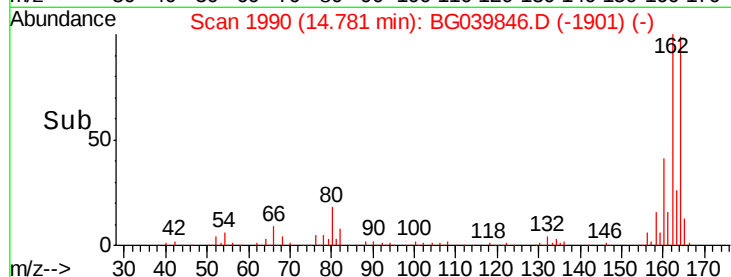
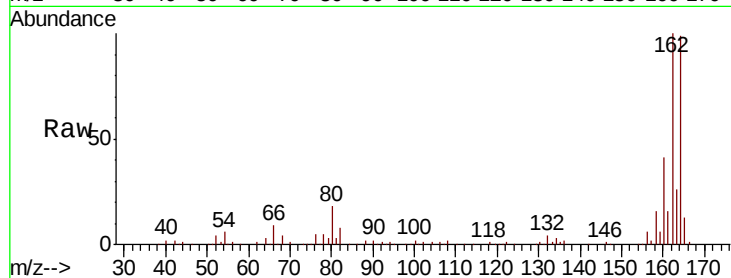
Tgt Ion:164 Resp: 141002

Ion Ratio Lower Upper

164 100

162 101.5 81.6 122.4

160 41.9 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 146.051 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039846.D

Acq: 11 Mar 2019 17:51

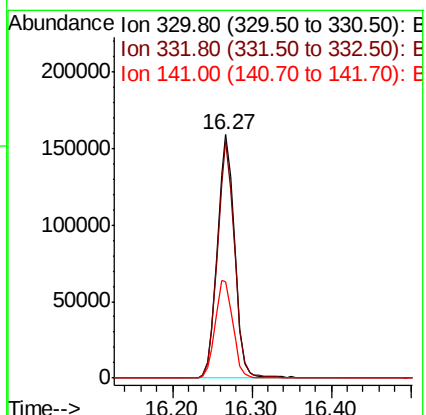
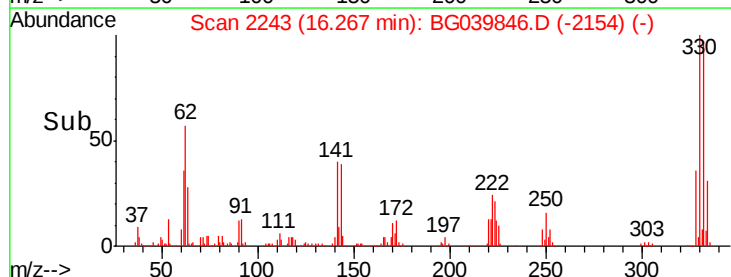
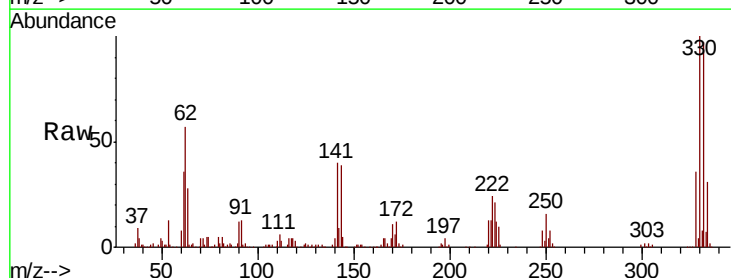
Tgt Ion:330 Resp: 240032

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

141 41.1 35.6 53.4

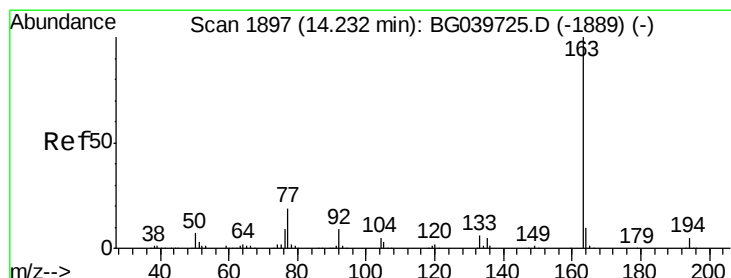
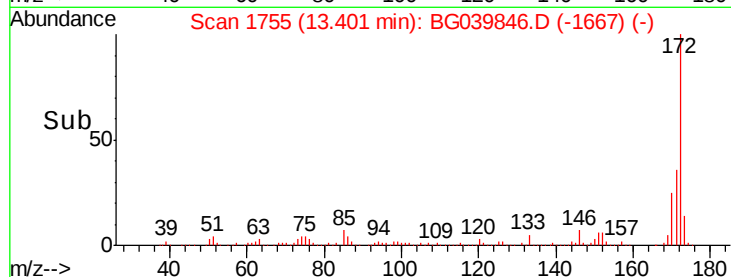
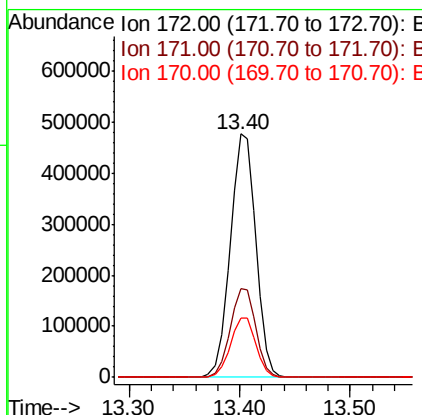
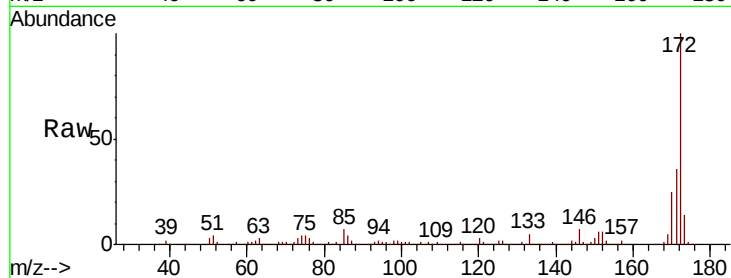




#45
 2-Fluorobiphenyl
 Concen: 77.930 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039846.D
 Acq: 11 Mar 2019 17:51

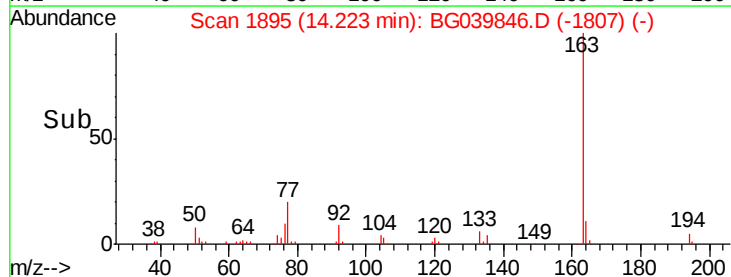
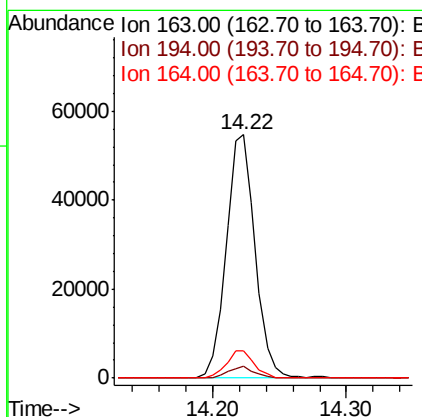
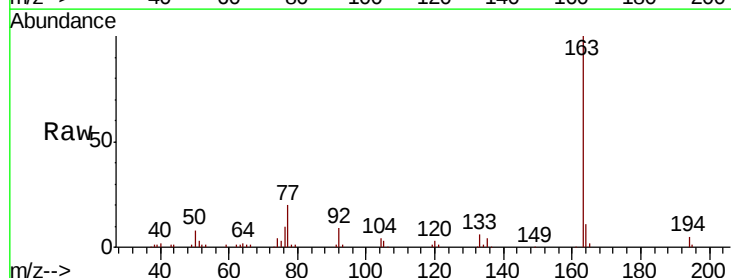
Instrument :
 BNA_G
 ClientSampleId :
 TP-19

Tgt Ion:172 Resp: 771739
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 24.6 20.2 30.4



#50
 Dimethylphthalate
 Concen: 6.979 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BG039846.D
 Acq: 11 Mar 2019 17:51

Tgt Ion:163 Resp: 82286
 Ion Ratio Lower Upper
 163 100
 194 4.9 3.6 5.4
 164 11.4 8.4 12.6

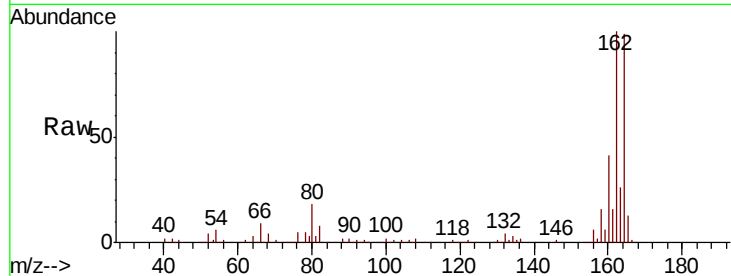




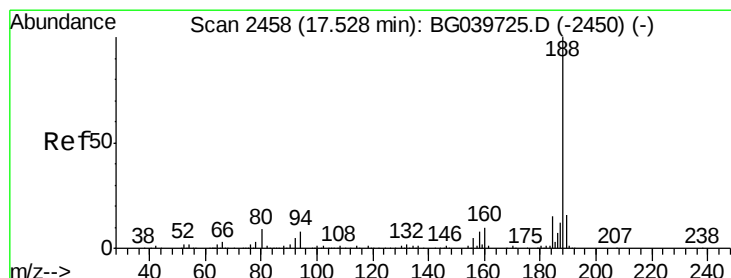
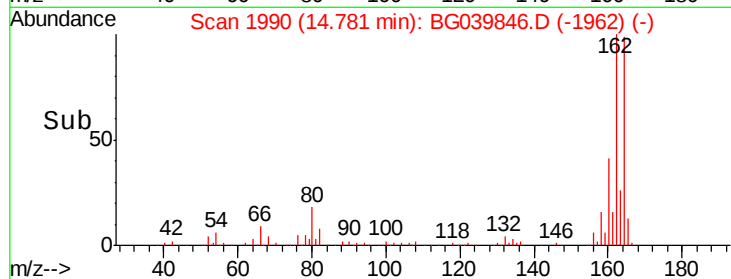
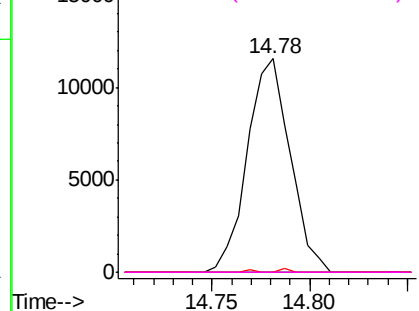
#57
 2,4-Dinitrotoluene
 Concen: 5.001 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039846.D
 Acq: 11 Mar 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-19

Tgt Ion:	165	Resp:	17565
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

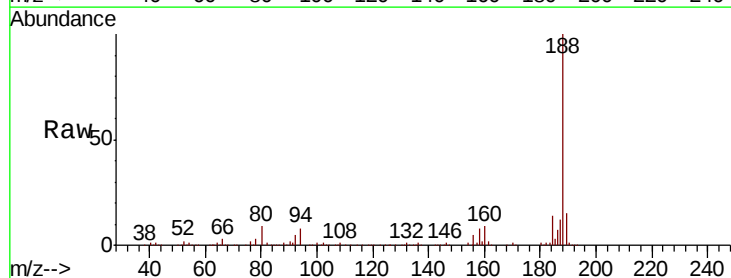


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

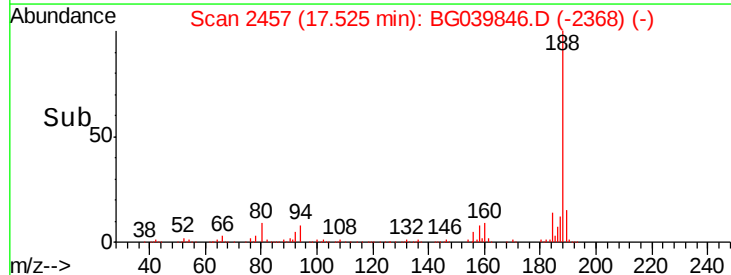
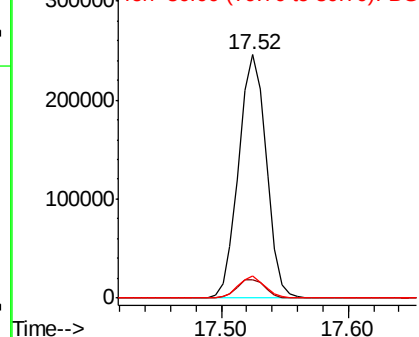


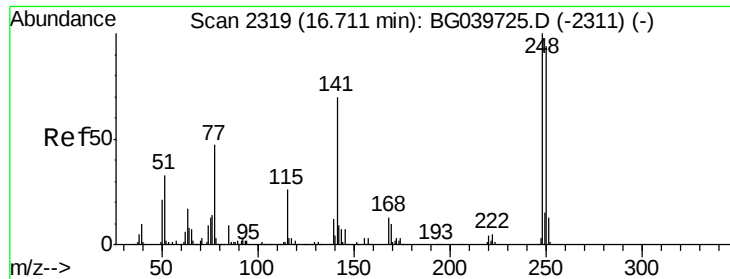
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039846.D
 Acq: 11 Mar 2019 17:51

Tgt Ion:	188	Resp:	369954
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.9	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

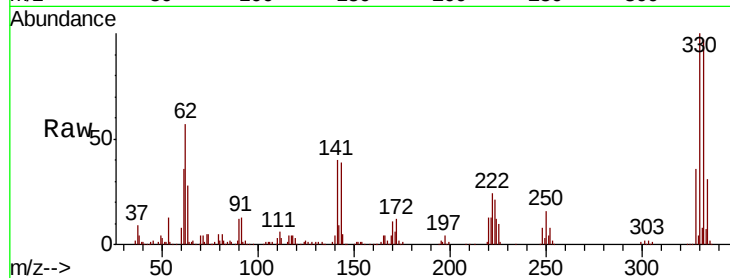




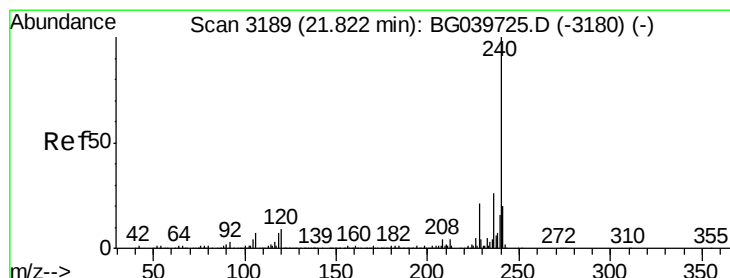
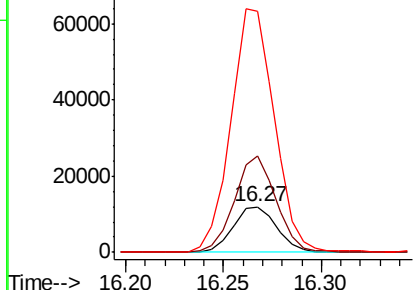
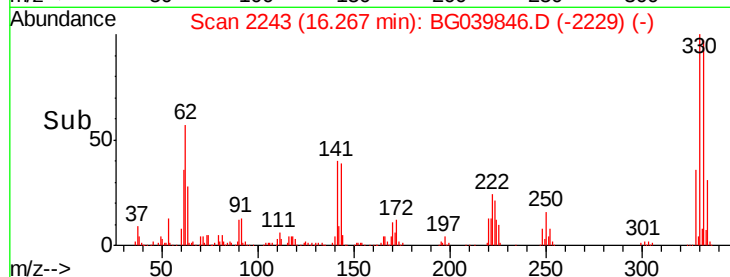
#67
 4-Bromophenyl-phenylether
 Concen: 4.441 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039846.D
 Acq: 11 Mar 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-19

Tgt Ion:248 Resp: 18390
 Ion Ratio Lower Upper
 248 100
 250 209.5 77.6 116.4#
 141 526.0 63.9 95.9#

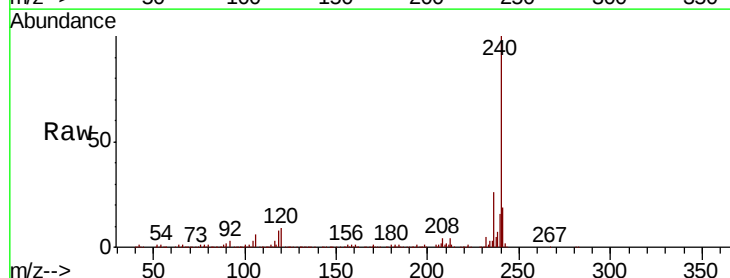


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

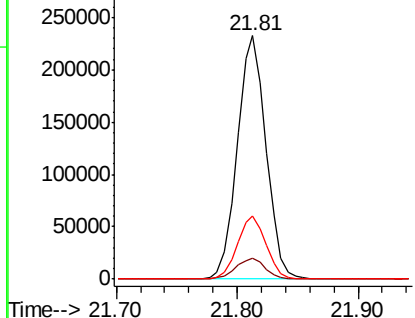
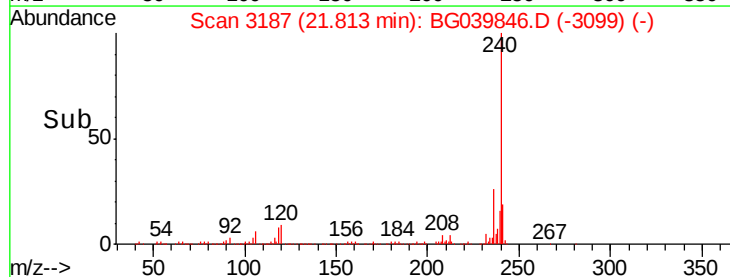


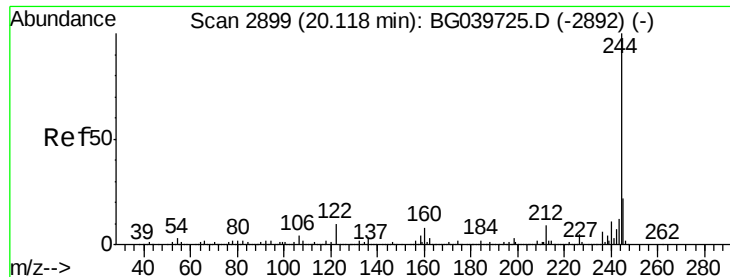
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.02 min
 Lab File: BG039846.D
 Acq: 11 Mar 2019 17:51

Tgt Ion:240 Resp: 384665
 Ion Ratio Lower Upper
 240 100
 120 8.7 7.0 10.6
 236 25.9 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: 74.093 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039846.D

Acq: 11 Mar 2019 17:51

Instrument :

BNA_G

ClientSampleId :

TP-19

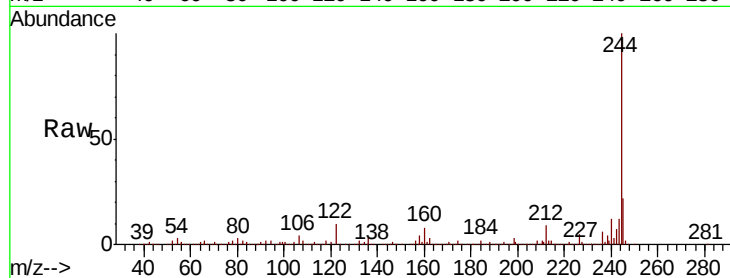
Tgt Ion:244 Resp: 1294431

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

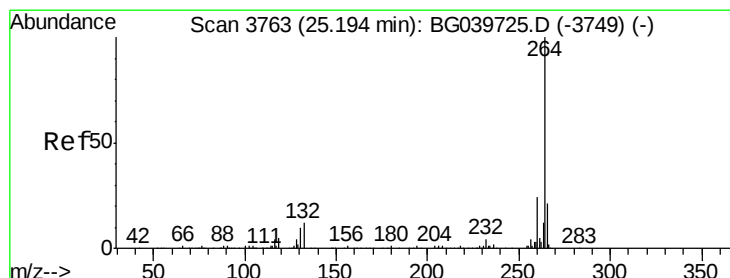
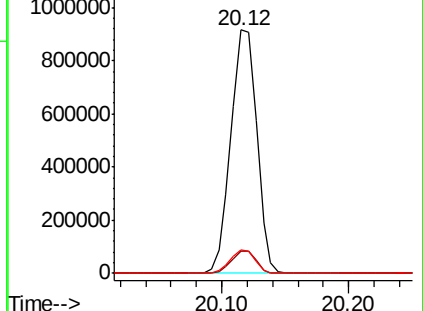
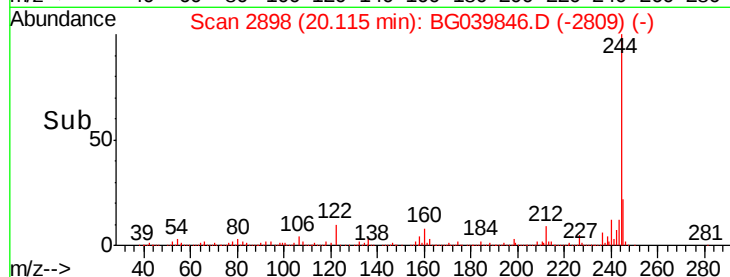
122 9.7 8.4 12.6



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: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039846.D

Acq: 11 Mar 2019 17:51

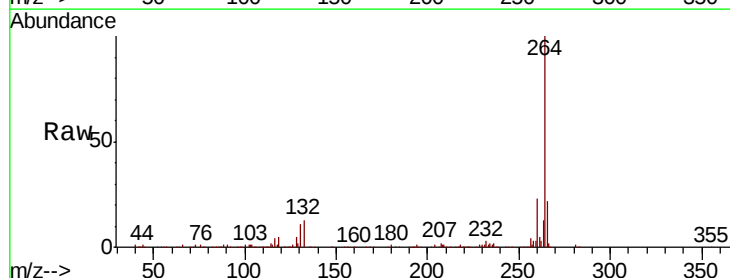
Tgt Ion:264 Resp: 389435

Ion Ratio Lower Upper

264 100

260 23.2 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

