

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030719\
 Data File : BG039807.D
 Acq On : 7 Mar 2019 18:08
 Operator : JU/SJ
 Sample : PB117706BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117706BL

Quant Time: Mar 07 23:53:06 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

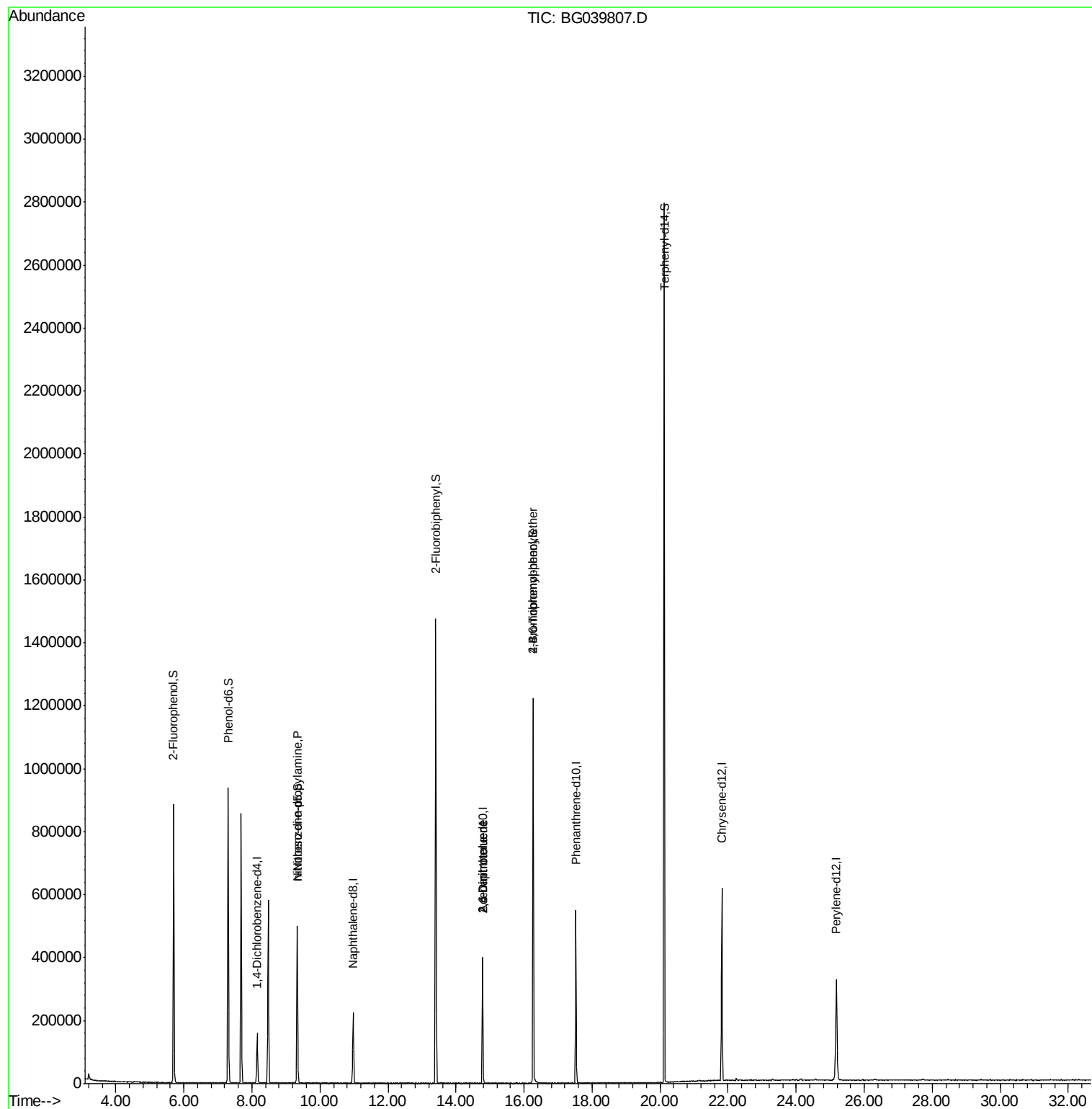
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43023	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	192578	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	138479	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	347521	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	368556	20.00	ng	-0.02
87) Perylene-d12	25.18	264	364617	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	365854	145.07	ng	-0.01
7) Phenol-d6	7.30	99	530497	141.08	ng	-0.01
23) Nitrobenzene-d5	9.33	82	301912	84.79	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	216337	134.03	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	790767	81.31	ng	-0.01
79) Terphenyl-d14	20.12	244	1340725	80.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	39164	14.470	ng	# 65
51) 2,6-Dinitrotoluene	14.78	165	18258	7.438	ng	# 26
57) 2,4-Dinitrotoluene	14.78	165	18258	5.293	ng	# 21
67) 4-Bromophenyl-phenylether	16.27	248	17221	4.427	ng	# 1

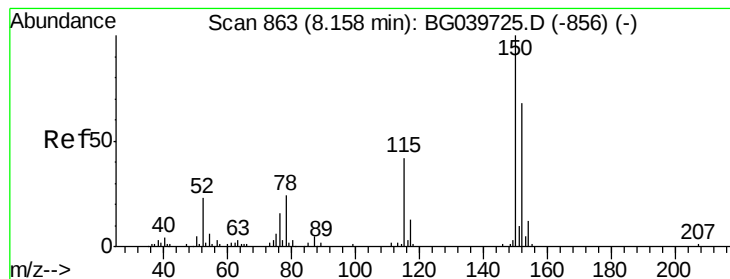
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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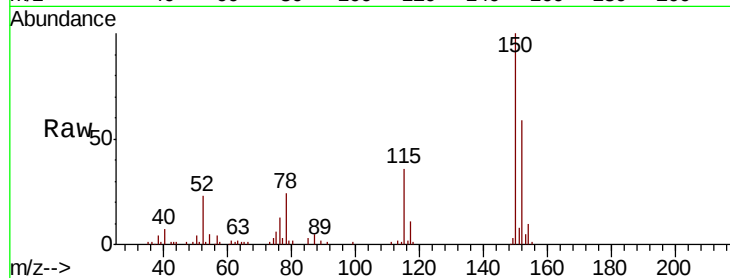


#1

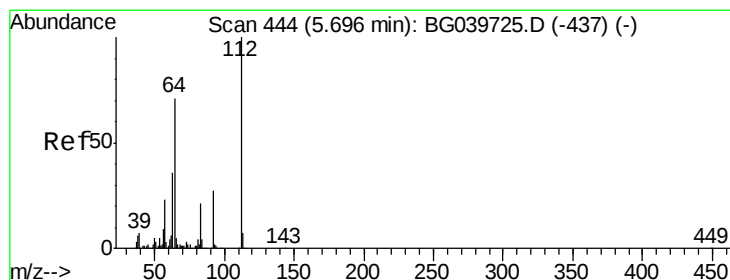
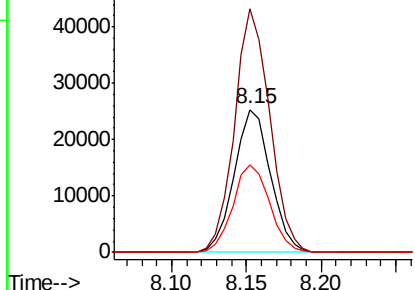
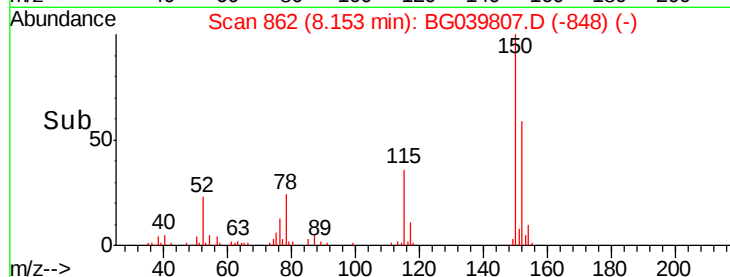
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Instrument :
BNA_G
ClientSampleId :
PB117706BL

Tgt Ion:152 Resp: 43023
Ion Ratio Lower Upper
152 100
150 170.2 123.7 185.5
115 61.6 45.9 68.9



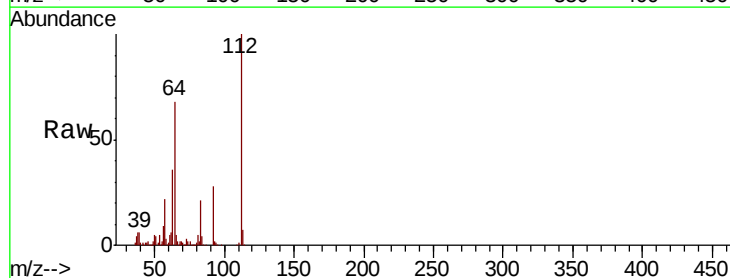
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



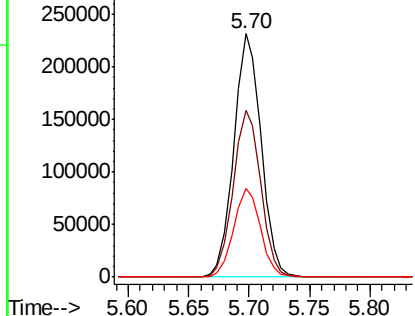
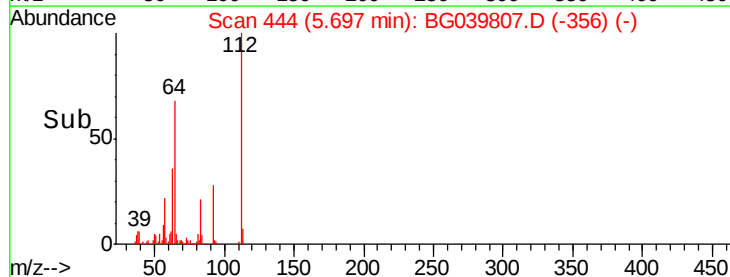
#5

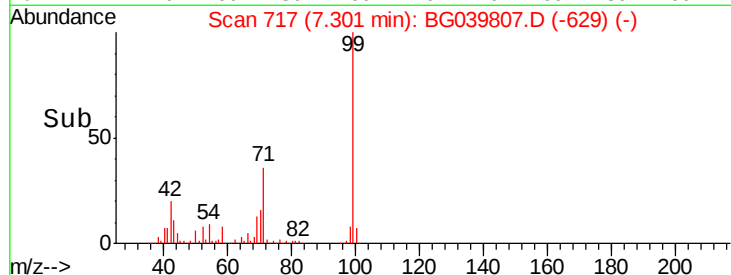
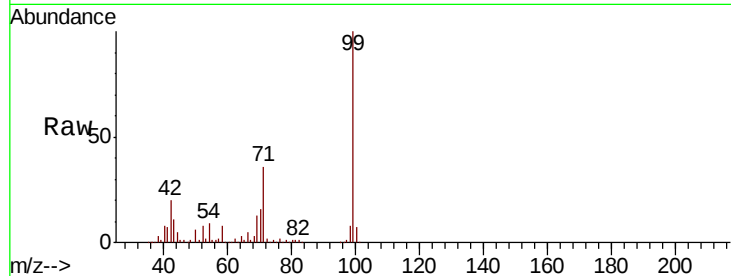
2-Fluorophenol
Concen: 145.074 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Tgt Ion:112 Resp: 365854
Ion Ratio Lower Upper
112 100
64 68.3 57.8 86.8
63 36.2 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: 141.081 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039807.D

Acq: 7 Mar 2019 18:08

Instrument :

BNA_G

ClientSampleId :

PB117706BL

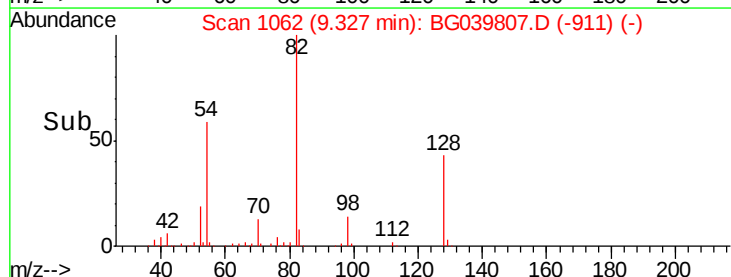
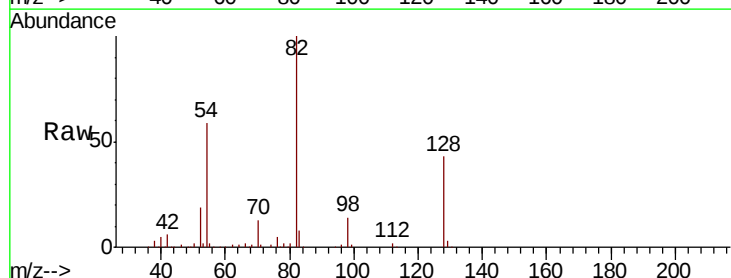
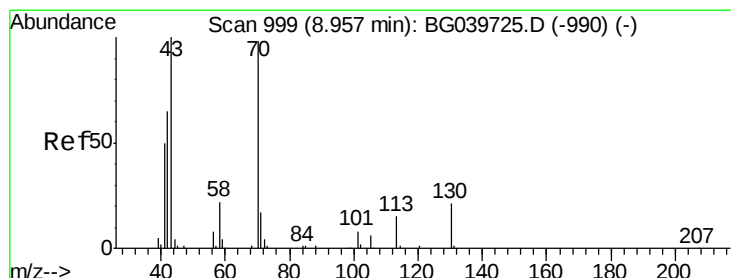
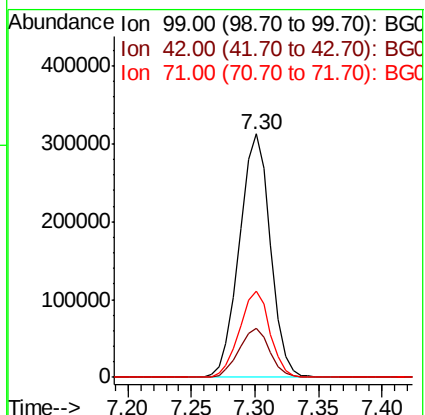
Tgt Ion: 99 Resp: 530497

Ion Ratio Lower Upper

99 100

42 19.9 18.2 27.2

71 35.5 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.470 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039807.D

Acq: 7 Mar 2019 18:08

Tgt Ion: 70 Resp: 39164

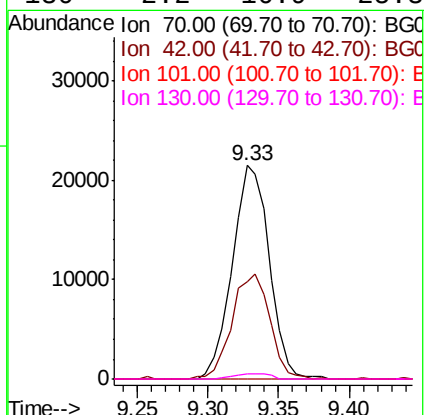
Ion Ratio Lower Upper

70 100

42 45.5 60.4 90.6#

101 0.0 7.5 11.3#

130 2.2 16.9 25.3#

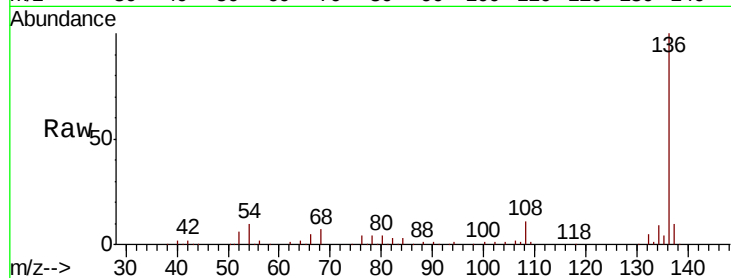




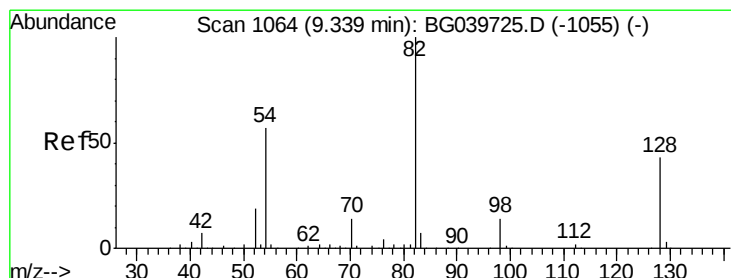
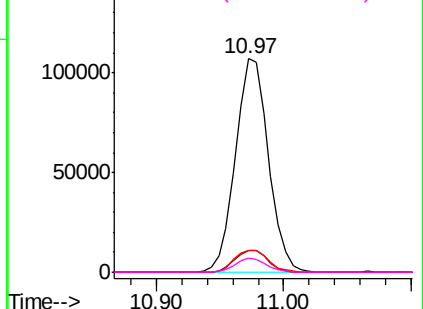
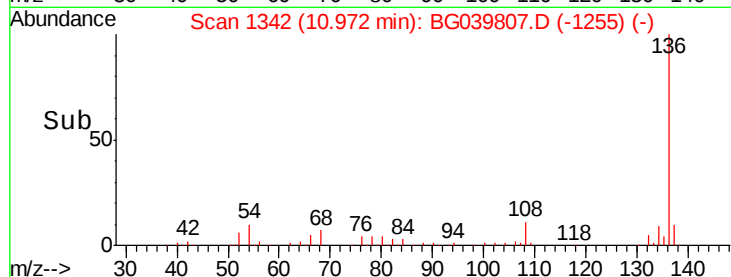
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Instrument :
BNA_G
ClientSampleId :
PB117706BL

Tgt Ion: 136 Resp: 192578
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 9.9 9.4 14.2
68 6.9 4.2 6.4#

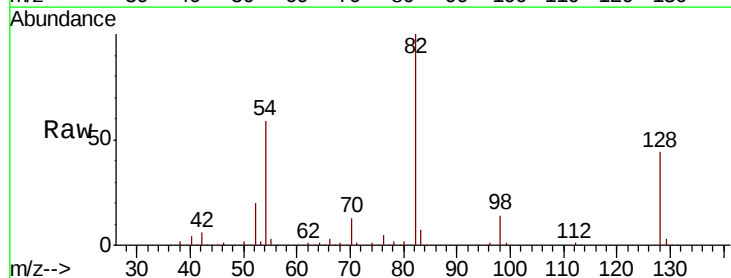


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

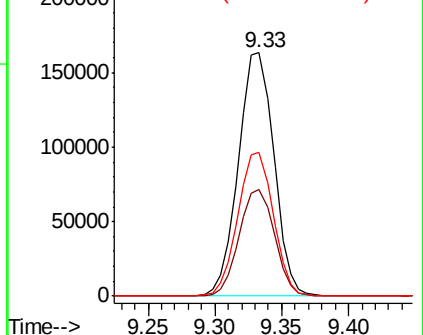
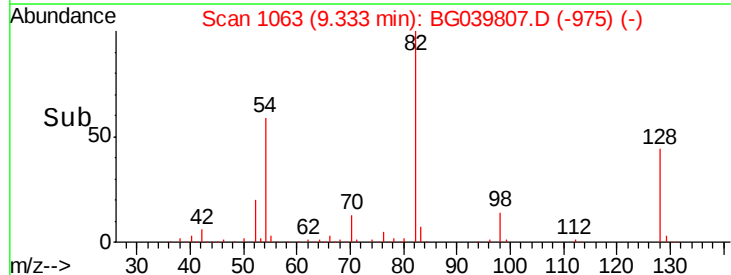


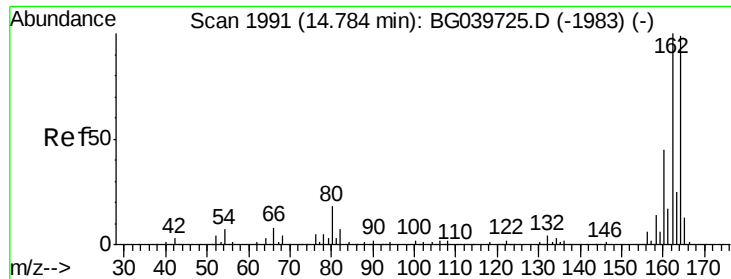
#23
Nitrobenzene-d5
Concen: 84.790 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Tgt Ion: 82 Resp: 301912
Ion Ratio Lower Upper
82 100
128 43.7 31.3 46.9
54 59.2 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: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039807.D

Acq: 7 Mar 2019 18:08

Instrument :

BNA_G

ClientSampleId :

PB117706BL

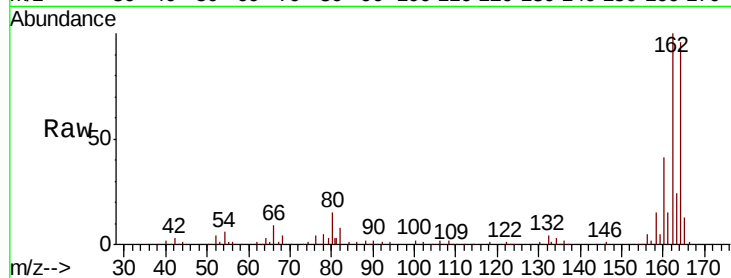
Tgt Ion:164 Resp: 138479

Ion Ratio Lower Upper

164 100

162 104.1 81.6 122.4

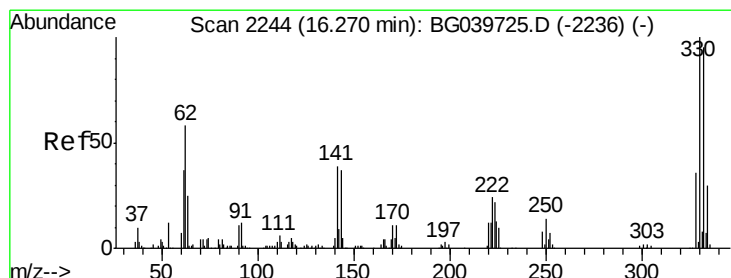
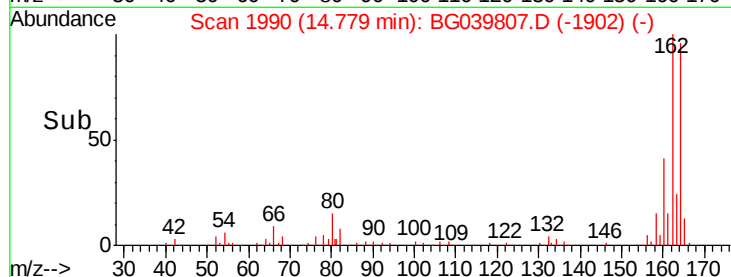
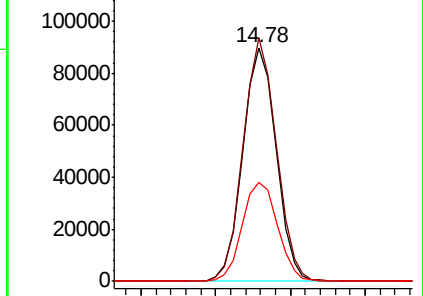
160 42.3 34.2 51.2



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: 134.032 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039807.D

Acq: 7 Mar 2019 18:08

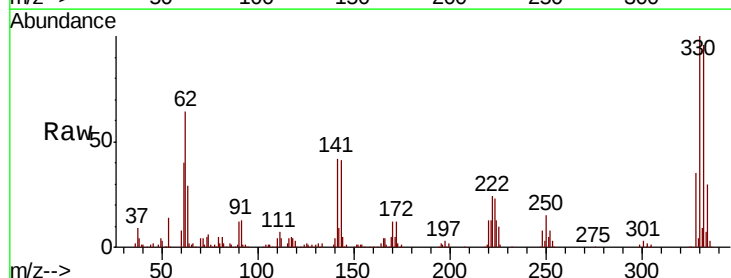
Tgt Ion:330 Resp: 216337

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

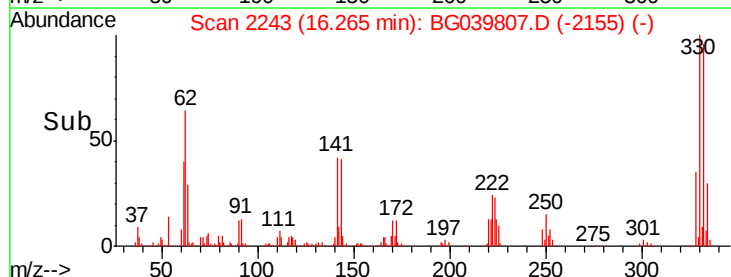
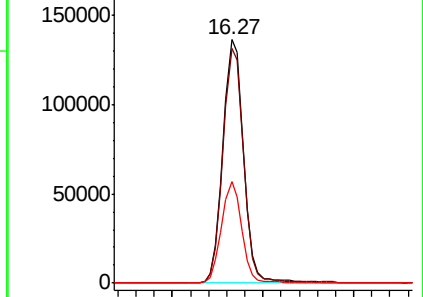
141 40.5 35.6 53.4



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

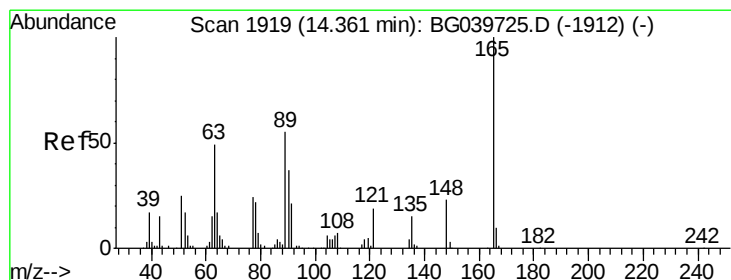
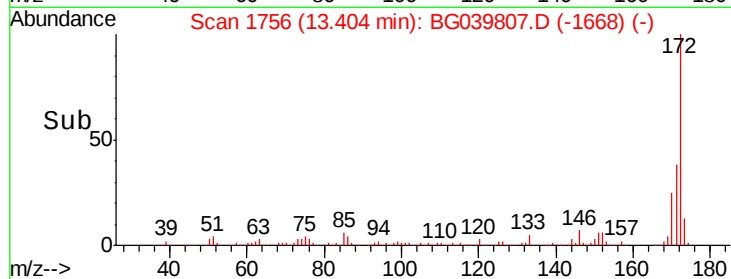
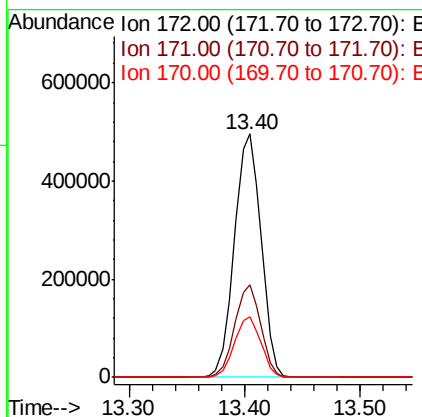
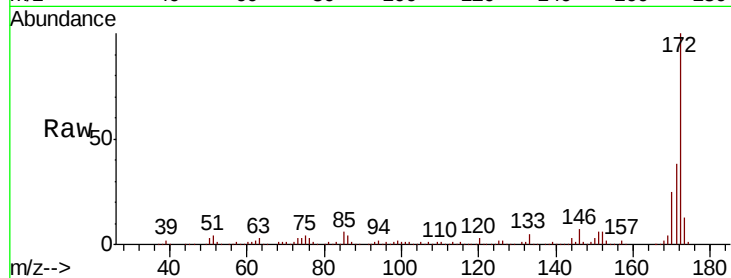




#45
 2-Fluorobiphenyl
 Concen: 81.306 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039807.D
 Acq: 7 Mar 2019 18:08

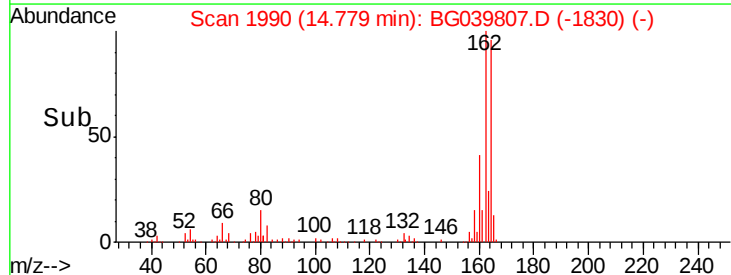
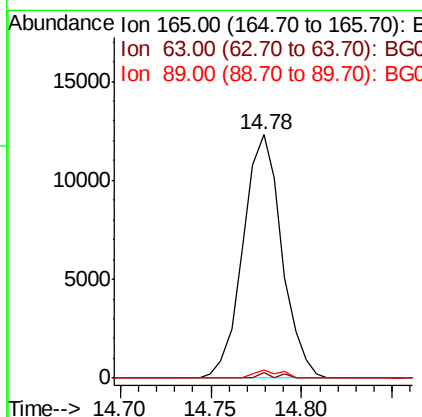
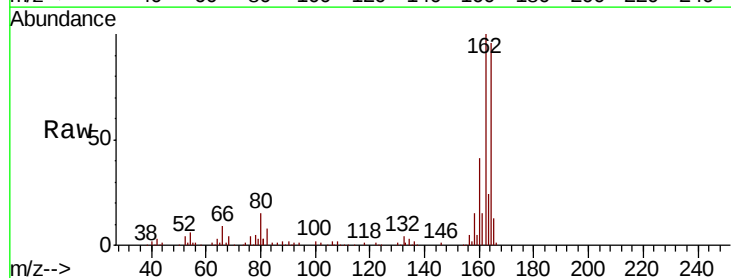
Instrument :
 BNA_G
 ClientSampleId :
 PB117706BL

Tgt Ion:172 Resp: 790767
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 24.8 20.2 30.4



#51
 2,6-Dinitrotoluene
 Concen: 7.438 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.41 min
 Lab File: BG039807.D
 Acq: 7 Mar 2019 18:08

Tgt Ion:165 Resp: 18258
 Ion Ratio Lower Upper
 165 100
 63 2.3 47.0 70.6#
 89 3.1 45.8 68.8#

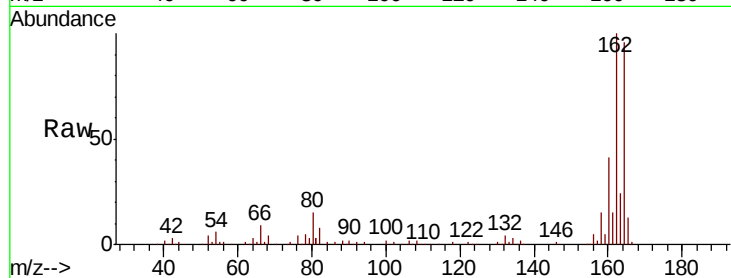




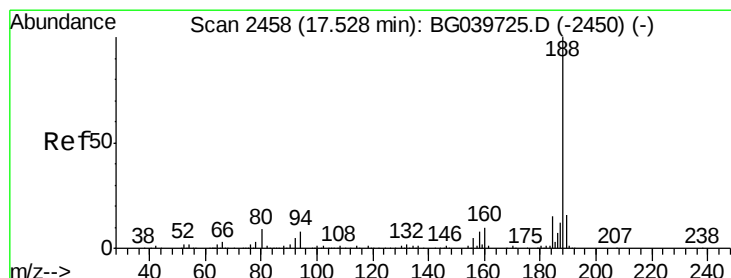
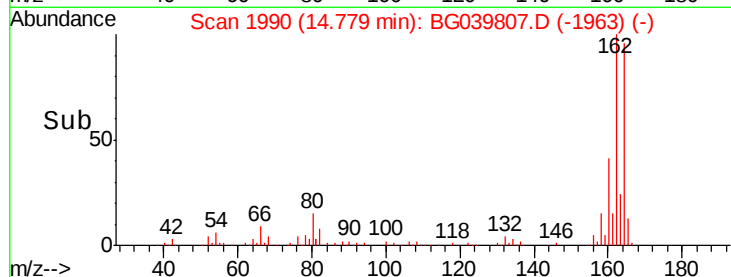
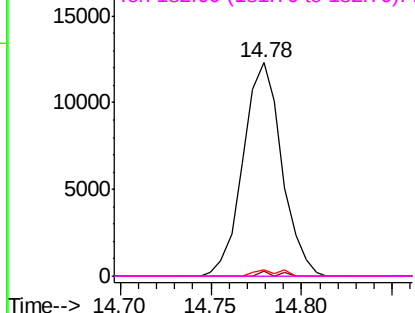
#57
 2,4-Dinitrotoluene
 Concen: 5.293 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039807.D
 Acq: 7 Mar 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB117706BL

Tgt Ion:	165	Resp:	18258
Ion	Ratio	Lower	Upper
165	100		
63	2.3	41.0	61.6#
89	3.1	64.6	96.8#
182	0.0	2.0	3.0#

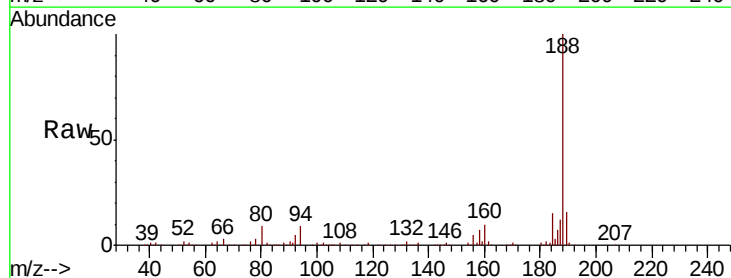


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

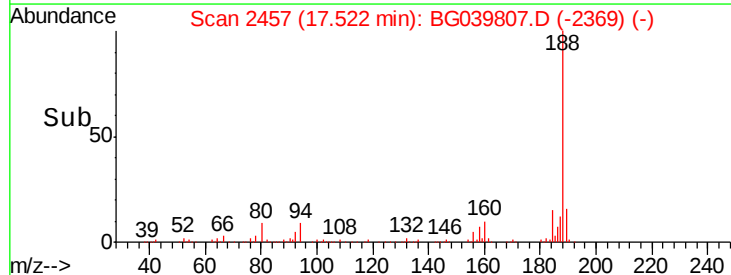
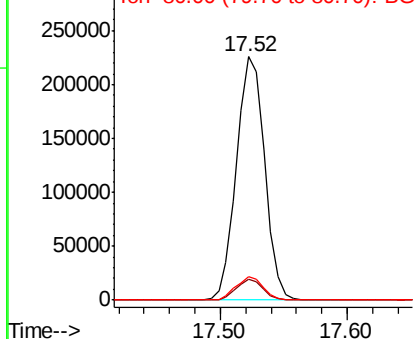


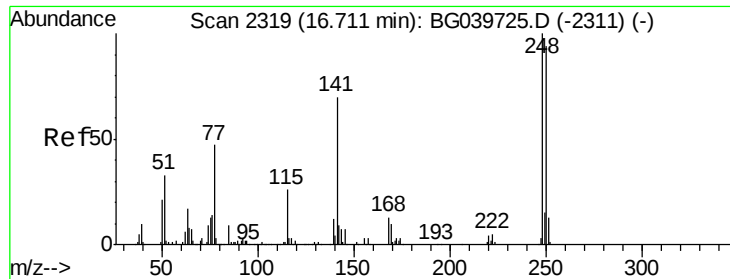
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039807.D
 Acq: 7 Mar 2019 18:08

Tgt Ion:	188	Resp:	347521
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	9.5	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

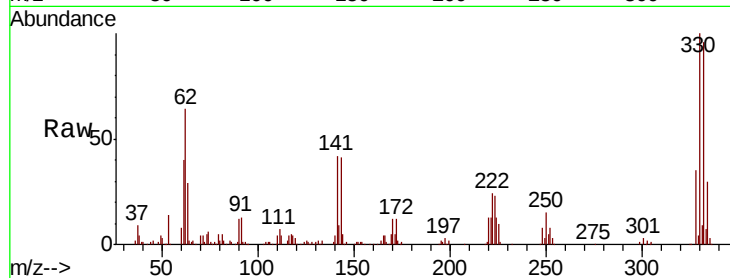




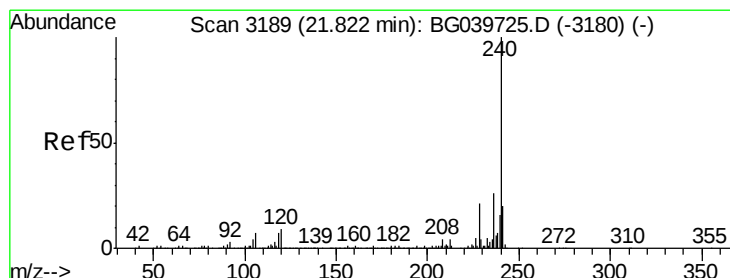
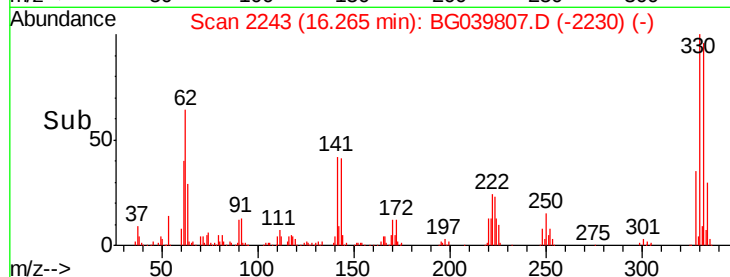
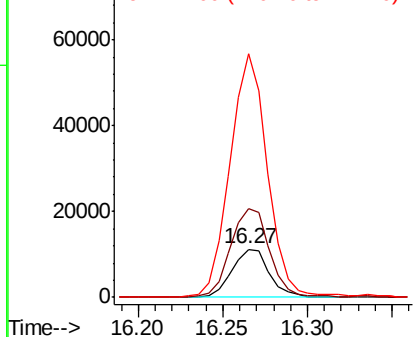
#67
 4-Bromophenyl-phenylether
 Concen: 4.427 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039807.D
 Acq: 7 Mar 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB117706BL

Tgt Ion:248 Resp: 17221
 Ion Ratio Lower Upper
 248 100
 250 186.5 77.6 116.4#
 141 509.3 63.9 95.9#

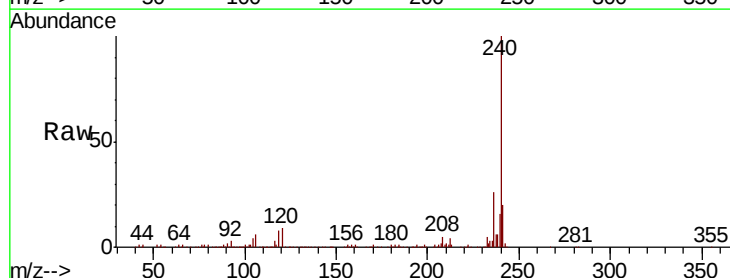


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

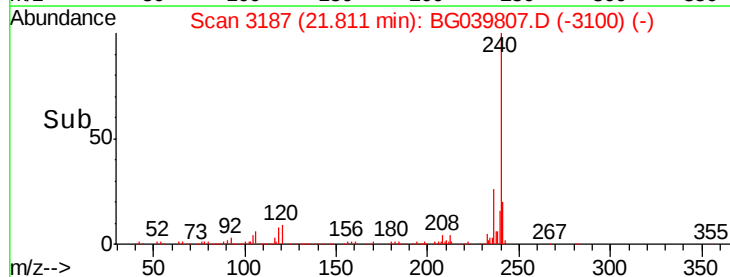
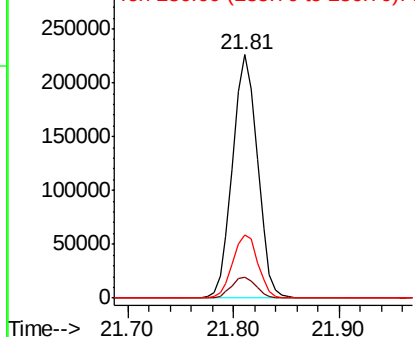


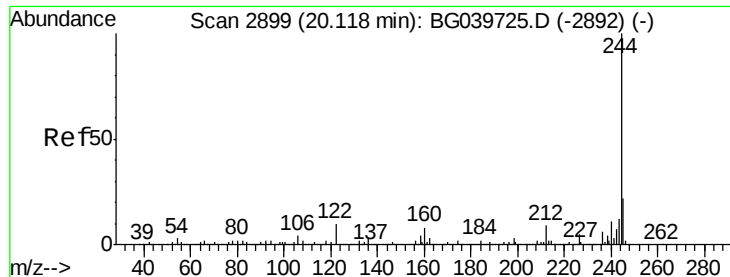
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.02 min
 Lab File: BG039807.D
 Acq: 7 Mar 2019 18:08

Tgt Ion:240 Resp: 368556
 Ion Ratio Lower Upper
 240 100
 120 8.5 7.0 10.6
 236 25.8 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: 80.097 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039807.D

Acq: 7 Mar 2019 18:08

Instrument :

BNA_G

ClientSampleId :

PB117706BL

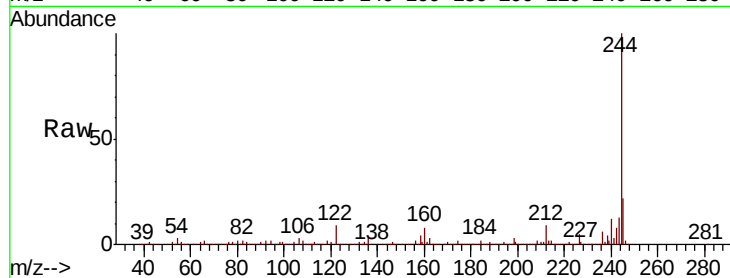
Tgt Ion:244 Resp: 1340725

Ion Ratio Lower Upper

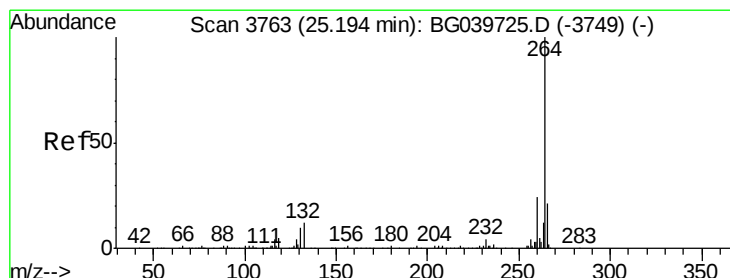
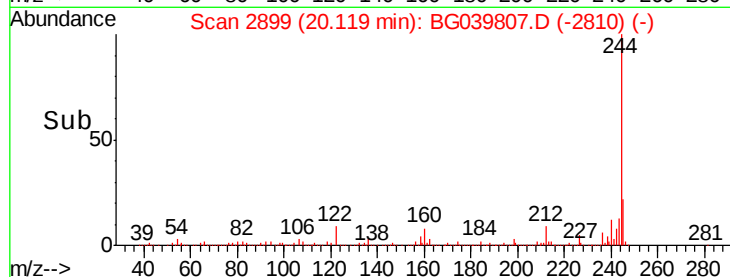
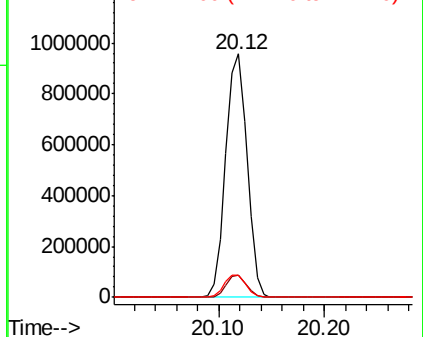
244 100

212 8.9 7.3 10.9

122 9.4 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: BG039807.D

Acq: 7 Mar 2019 18:08

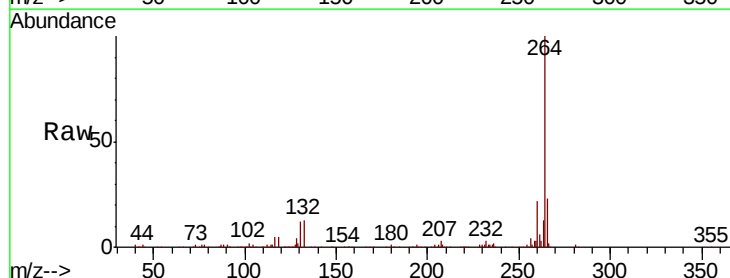
Tgt Ion:264 Resp: 364617

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 23.2 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

