

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030719\
 Data File : BG039809.D
 Acq On : 7 Mar 2019 19:27
 Operator : JU/SJ
 Sample : K1757-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6CD-S

Quant Time: Mar 07 23:53:28 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

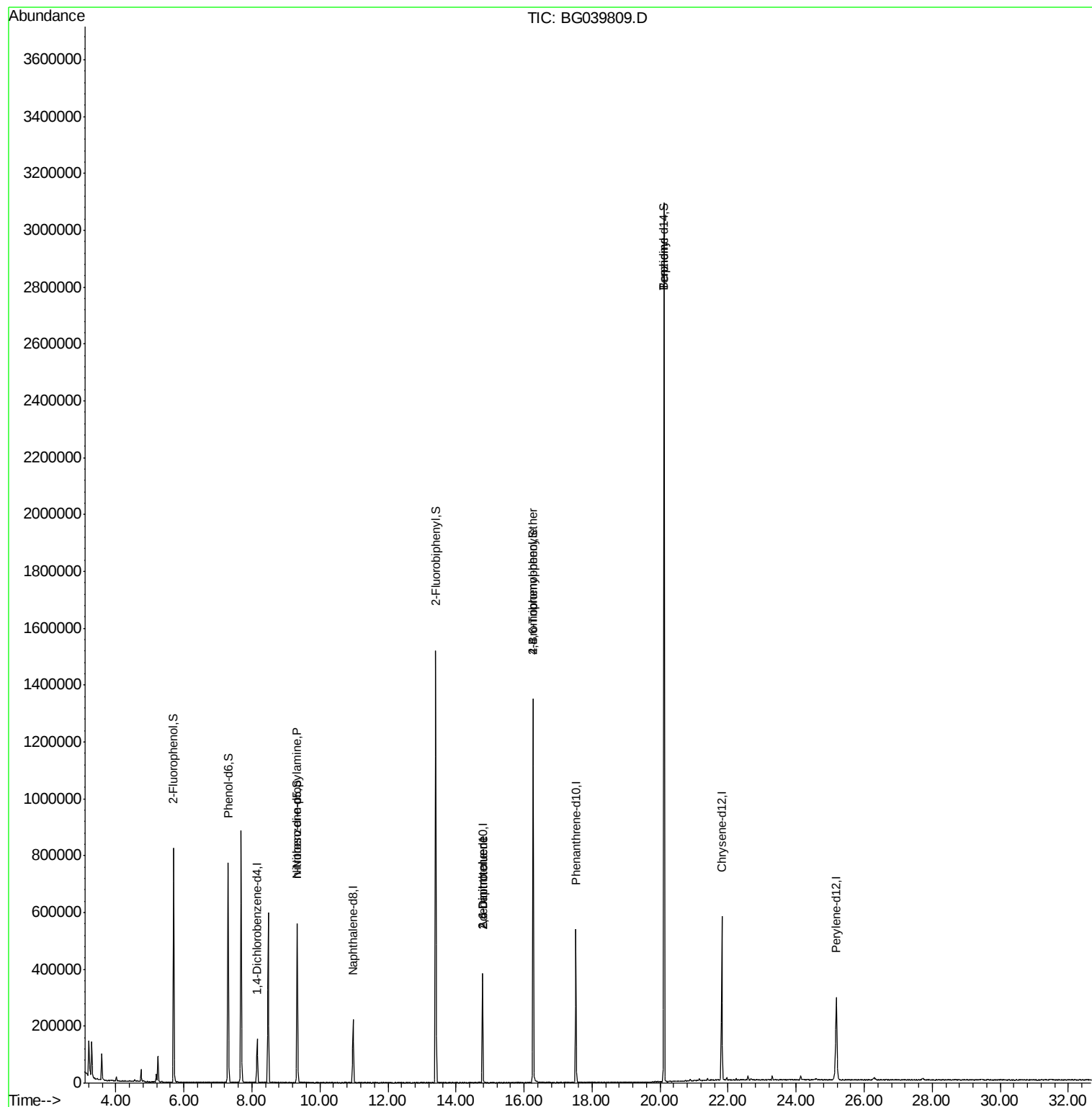
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43688	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	188598	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	132752	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	333351	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	345138	20.00	ng	-0.02
87) Perylene-d12	25.18	264	339757	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	338256	132.09	ng	-0.01
7) Phenol-d6	7.30	99	445877	116.77	ng	-0.01
23) Nitrobenzene-d5	9.33	82	332692	95.41	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	233995	151.23	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	806279	86.48	ng	-0.02
79) Terphenyl-d14	20.11	244	1442657	92.03	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	42516	15.470	ng	# 72
51) 2,6-Dinitrotoluene	14.78	165	17197	7.308	ng	# 23
57) 2,4-Dinitrotoluene	14.78	165	17197	5.201	ng	# 18
67) 4-Bromophenyl-phenylether	16.27	248	18396	4.930	ng	# 1
77) Benzidine	20.11	184	25664	2.343	ng	# 92

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

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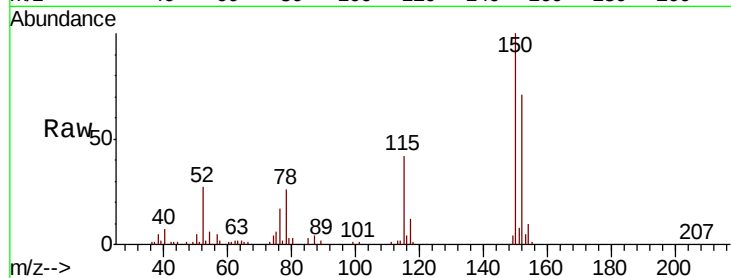


#1

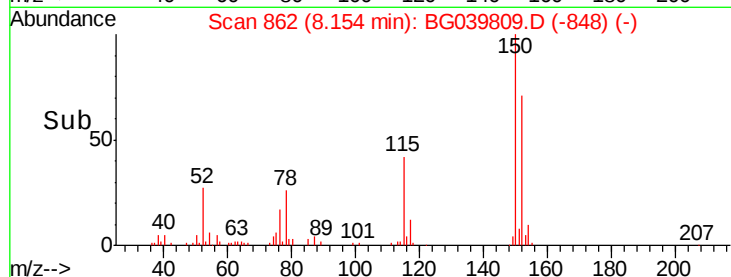
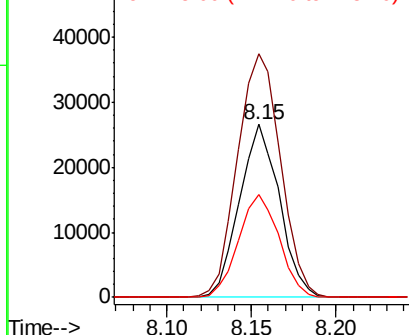
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039809.D
Acq: 7 Mar 2019 19:27

Instrument :
BNA_G
ClientSampleId :
TP-6CD-S

Tgt Ion:152 Resp: 43688
Ion Ratio Lower Upper
152 100
150 141.0 123.7 185.5
115 59.8 45.9 68.9



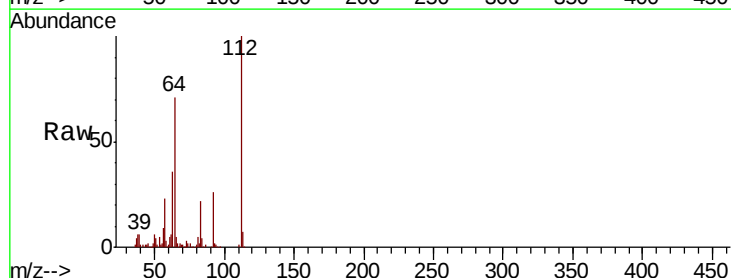
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



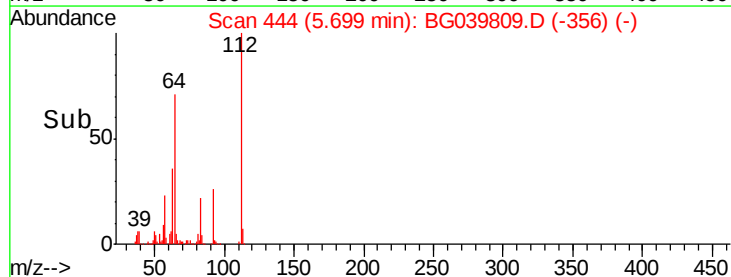
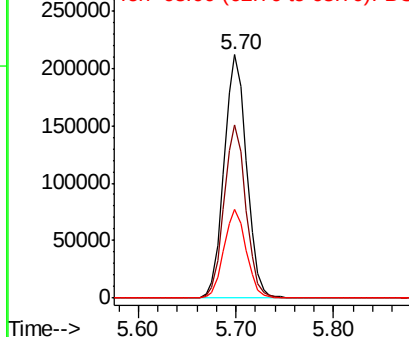
#5

2-Fluorophenol
Concen: 132.088 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039809.D
Acq: 7 Mar 2019 19:27

Tgt Ion:112 Resp: 338256
Ion Ratio Lower Upper
112 100
64 71.3 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 116.772 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039809.D

Acq: 7 Mar 2019 19:27

Instrument :

BNA_G

ClientSampleId :

TP-6CD-S

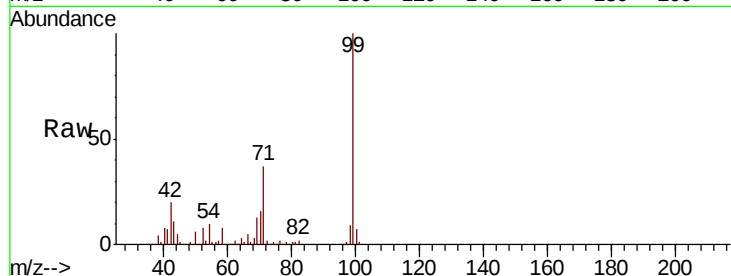
Tgt Ion: 99 Resp: 445877

Ion Ratio Lower Upper

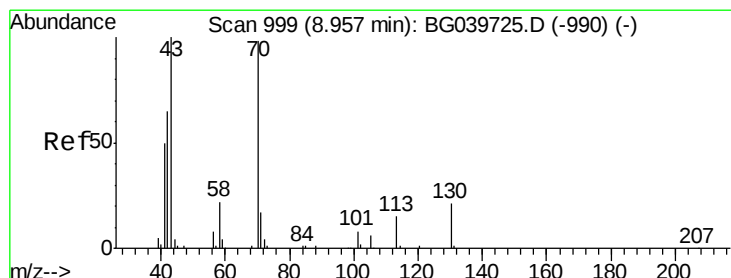
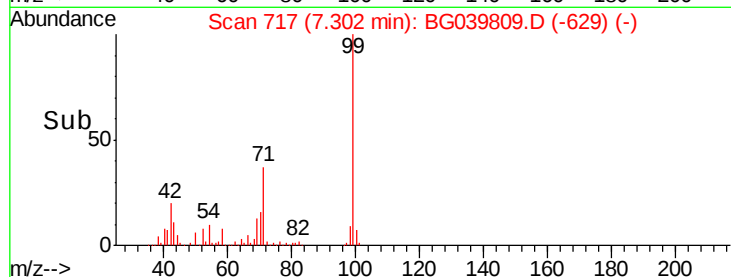
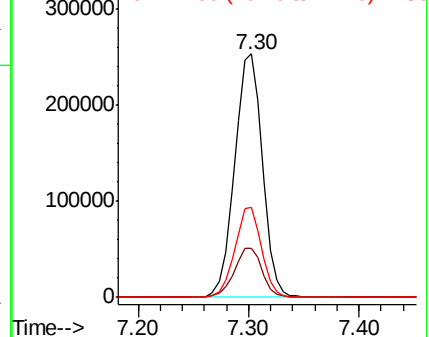
99 100

42 20.3 18.2 27.2

71 37.0 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: 15.470 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039809.D

Acq: 7 Mar 2019 19:27

Tgt Ion: 70 Resp: 42516

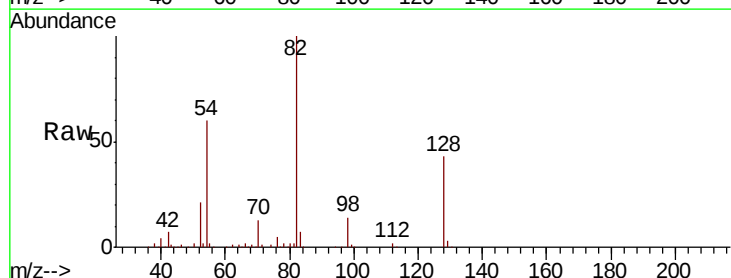
Ion Ratio Lower Upper

70 100

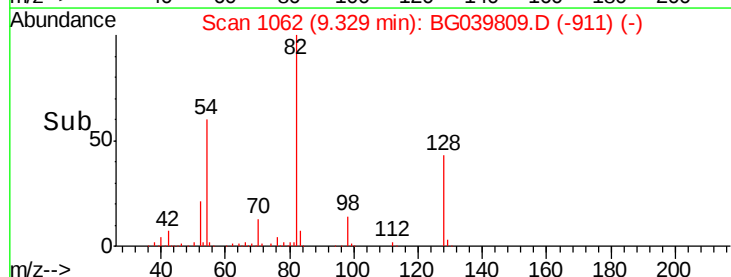
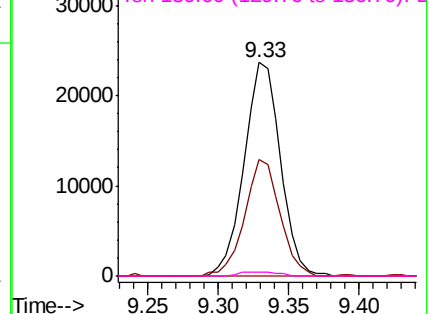
42 54.8 60.4 90.6#

101 0.0 7.5 11.3#

130 1.7 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

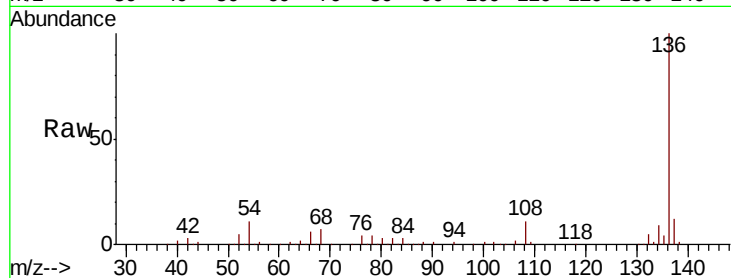




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039809.D
Acq: 7 Mar 2019 19:27

Instrument :
BNA_G
ClientSampleId :
TP-6CD-S

Tgt Ion:	136	Resp:	188598
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	11.4	9.4	14.2
68	6.6	4.2	6.4#



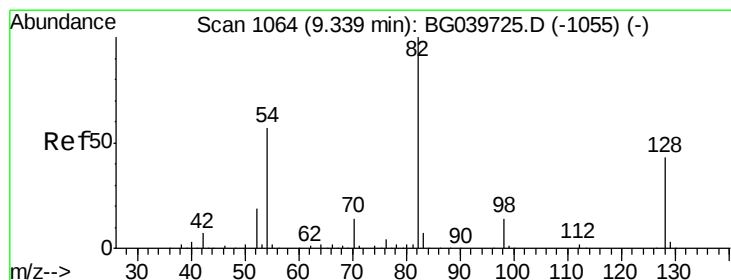
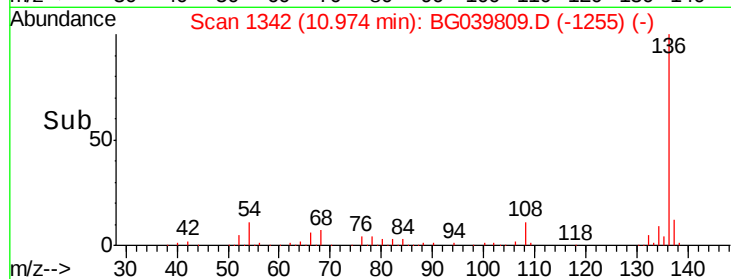
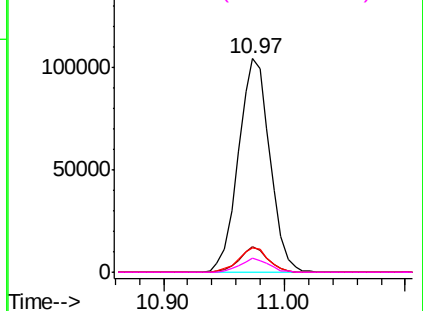
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

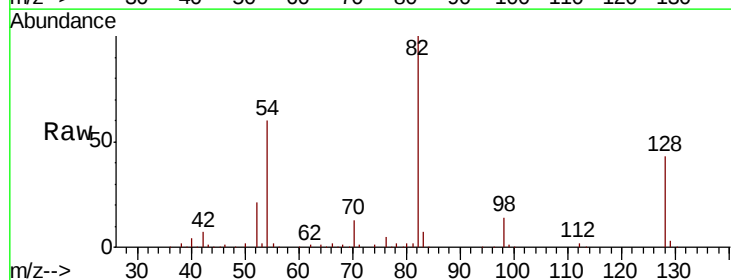
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 95.406 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039809.D
Acq: 7 Mar 2019 19:27

Tgt Ion:	82	Resp:	332692
Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	59.8	50.9	76.3

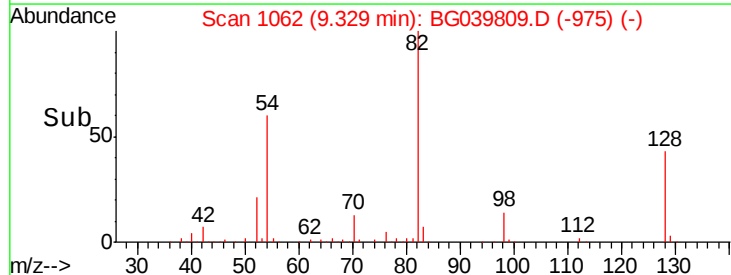
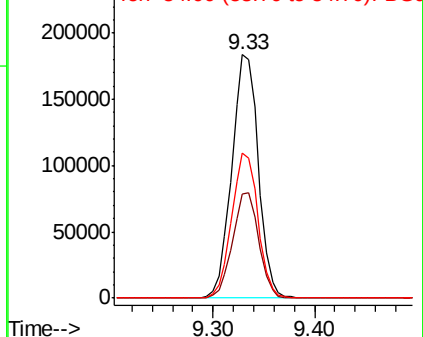


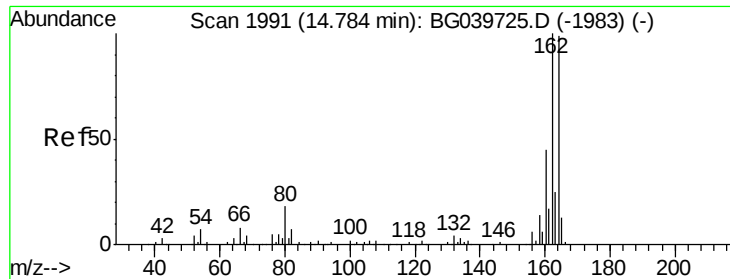
Abundance

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: BG039809.D

Acq: 7 Mar 2019 19:27

Instrument :

BNA_G

ClientSampleId :

TP-6CD-S

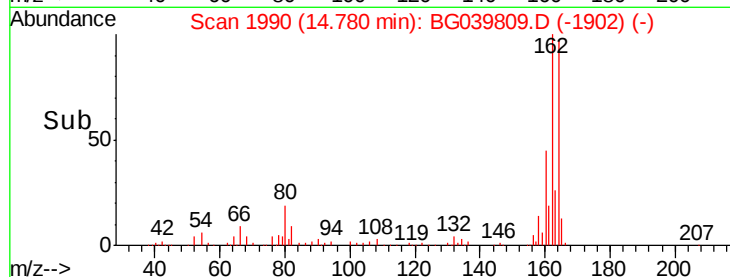
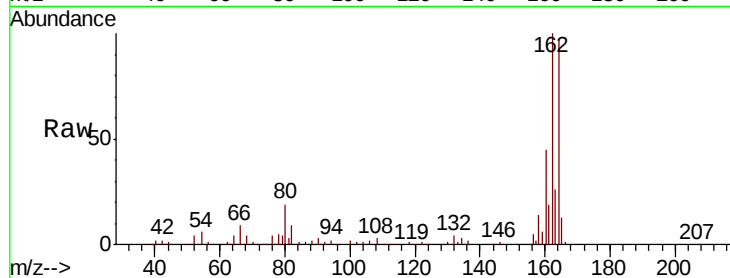
Tgt Ion:164 Resp: 132752

Ion Ratio Lower Upper

164 100

162 103.2 81.6 122.4

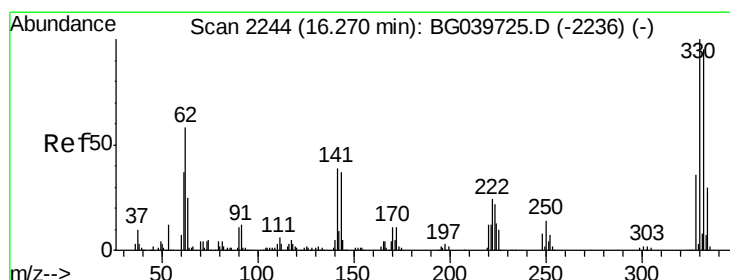
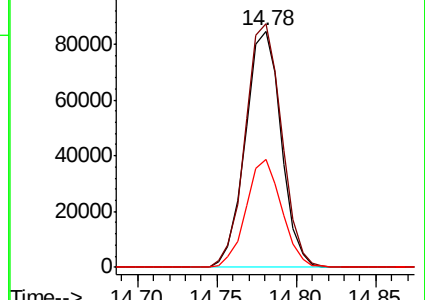
160 46.0 34.2 51.2



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: 151.226 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039809.D

Acq: 7 Mar 2019 19:27

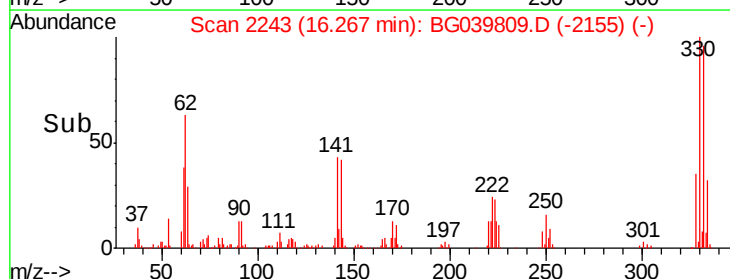
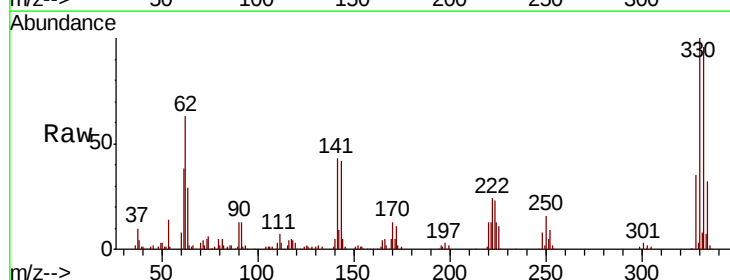
Tgt Ion:330 Resp: 233995

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

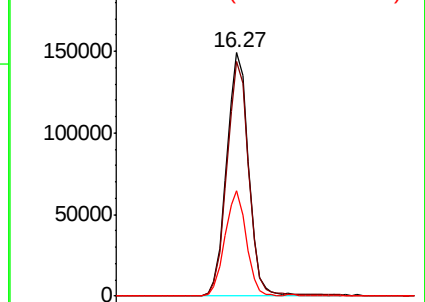
141 41.9 35.6 53.4

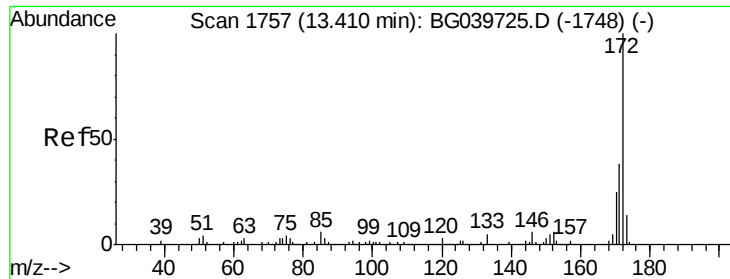


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

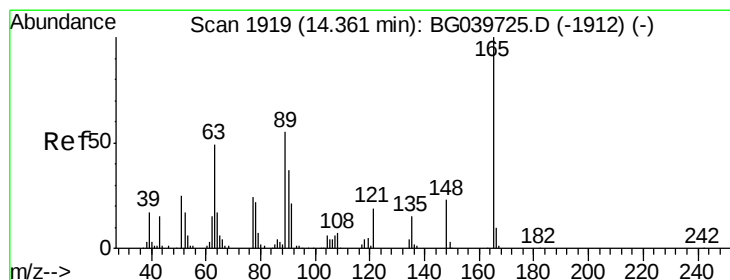
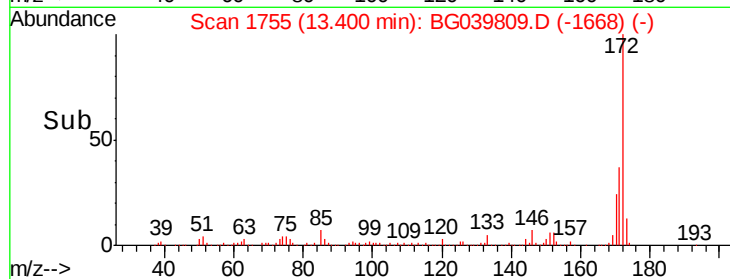
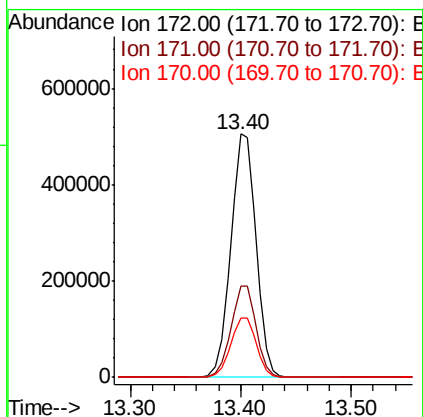
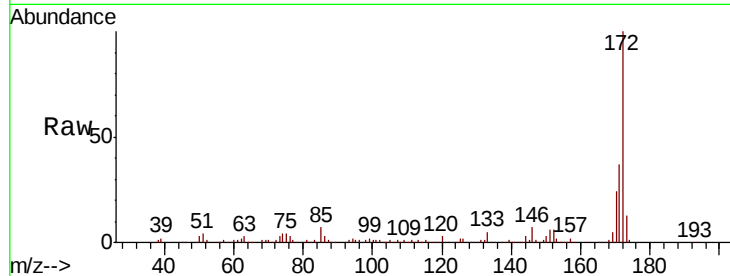




#45
 2-Fluorobiphenyl
 Concen: 86.477 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039809.D
 Acq: 7 Mar 2019 19:27

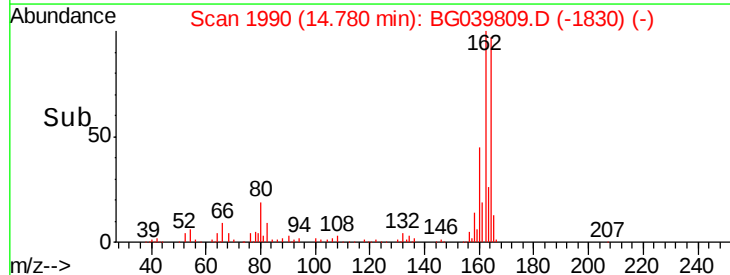
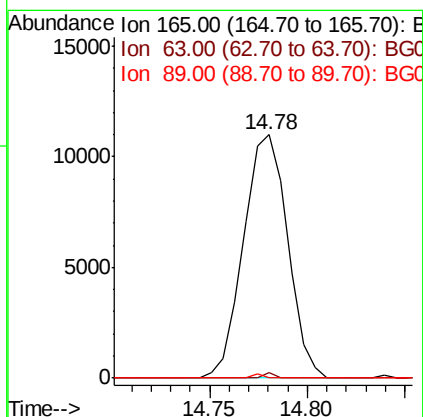
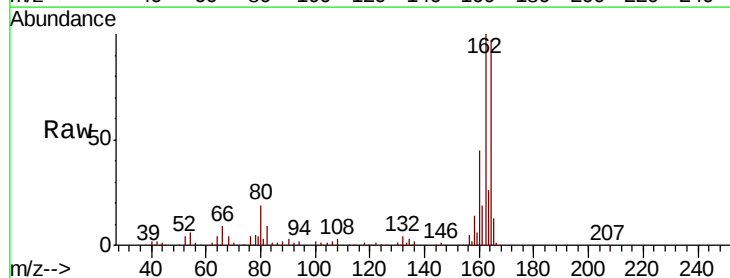
Instrument :
 BNA_G
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 TP-6CD-S

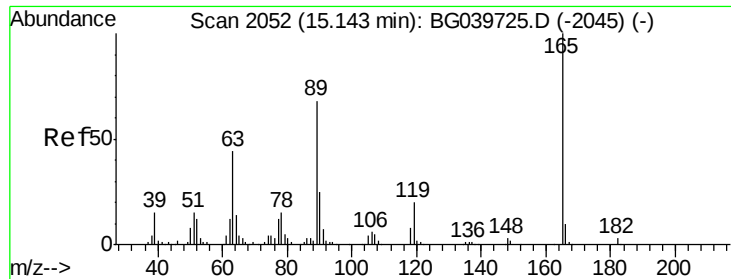
Tgt Ion:172 Resp: 806279
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 24.2 20.2 30.4



#51
 2,6-Dinitrotoluene
 Concen: 7.308 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.41 min
 Lab File: BG039809.D
 Acq: 7 Mar 2019 19:27

Tgt Ion:165 Resp: 17197
 Ion Ratio Lower Upper
 165 100
 63 2.3 47.0 70.6#
 89 0.0 45.8 68.8#

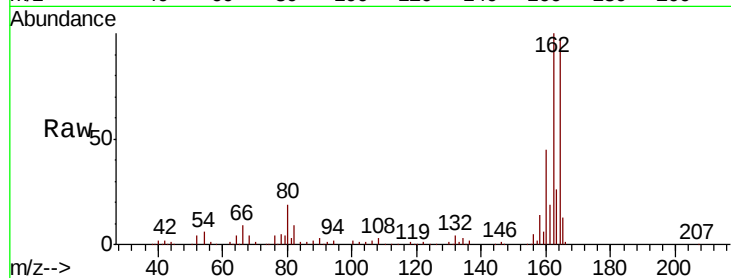




#57
 2,4-Dinitrotoluene
 Concen: 5.201 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039809.D
 Acq: 7 Mar 2019 19:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-6CD-S

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



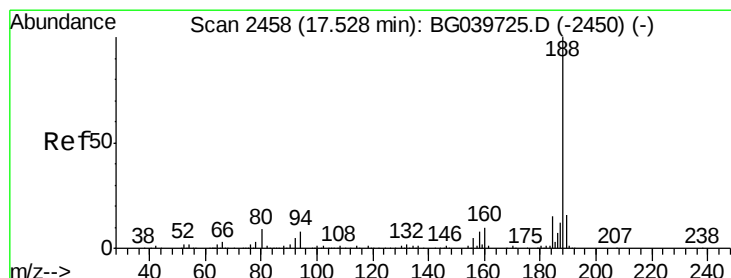
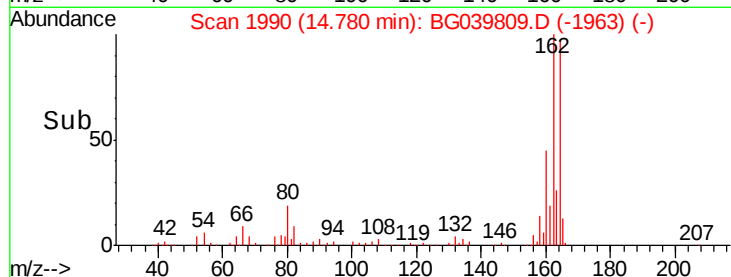
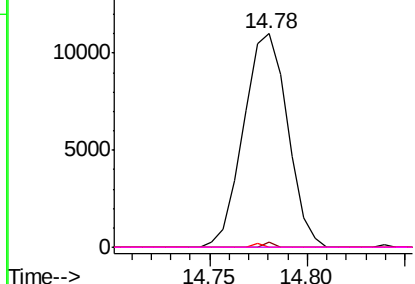
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

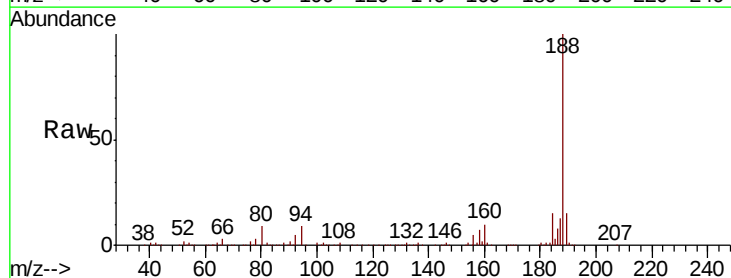
Ion 89.00 (88.70 to 89.70): BGC

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: BG039809.D
 Acq: 7 Mar 2019 19:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	9.0	8.1	12.1

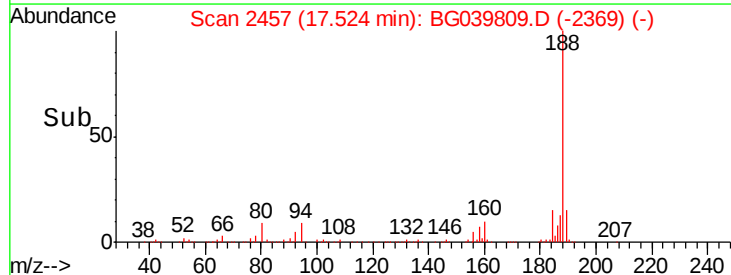
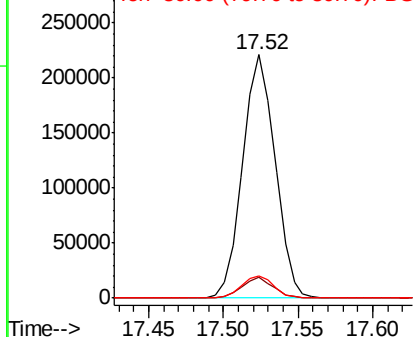


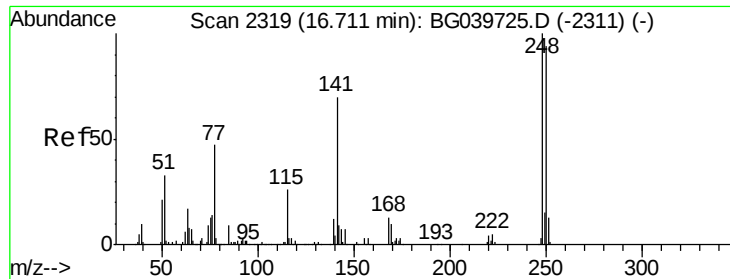
Abundance

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

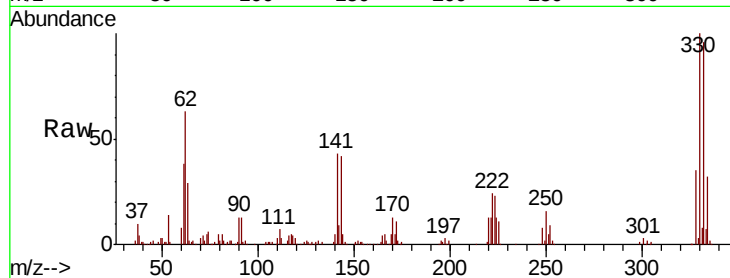




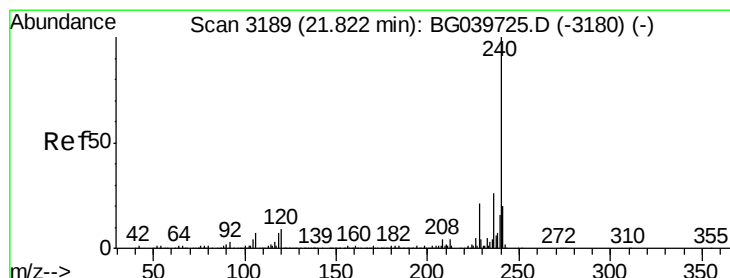
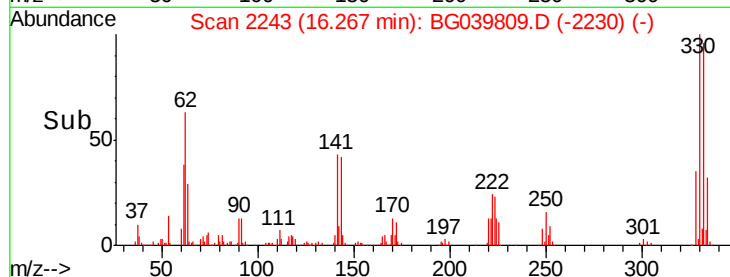
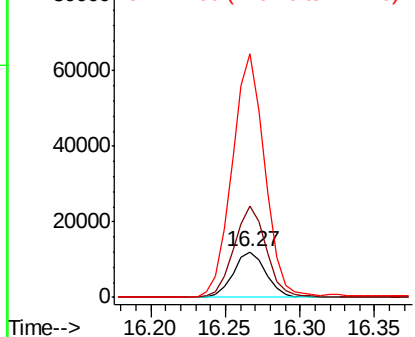
#67
4-Bromophenyl-phenylether
Concen: 4.930 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039809.D
Acq: 7 Mar 2019 19:27

Instrument :
BNA_G
ClientSampleId :
TP-6CD-S

Tgt Ion:248 Resp: 18396
Ion Ratio Lower Upper
248 100
250 201.1 77.6 116.4#
141 536.8 63.9 95.9#

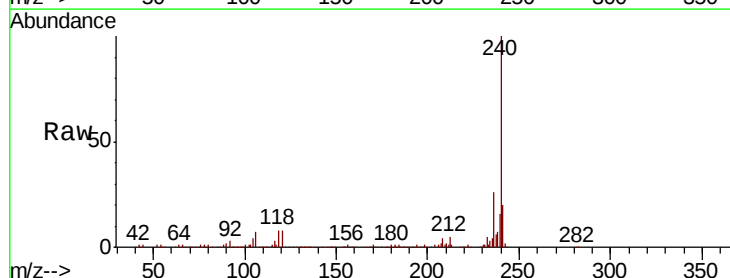


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

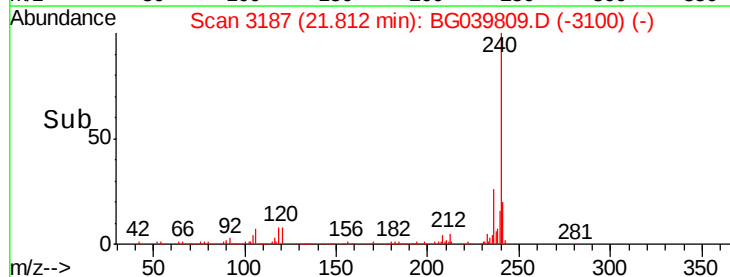
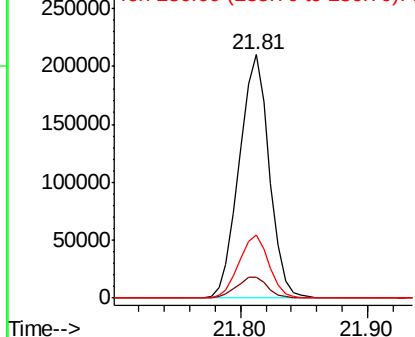


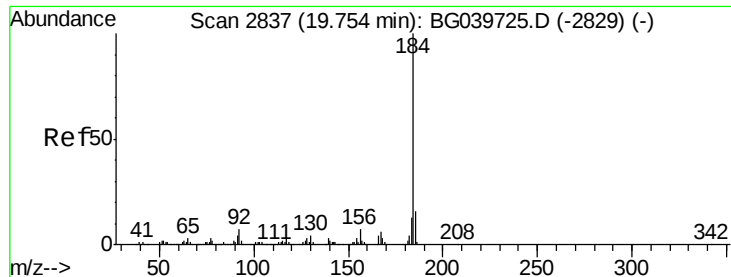
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039809.D
Acq: 7 Mar 2019 19:27

Tgt Ion:240 Resp: 345138
Ion Ratio Lower Upper
240 100
120 8.4 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





#77

Benzidine

Concen: 2.343 ng

RT: 20.11 min Scan# 2898

Delta R.T. 0.36 min

Lab File: BG039809.D

Acq: 7 Mar 2019 19:27

Instrument :

BNA_G

ClientSampled :

TP-6CD-S

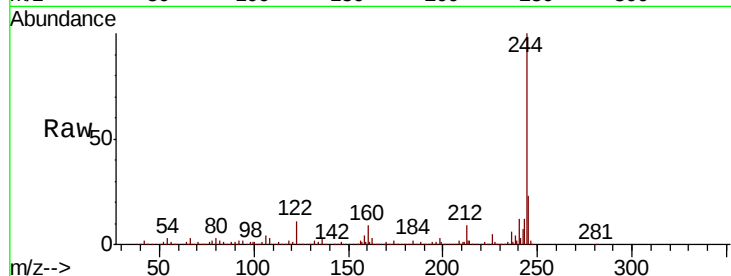
Tgt Ion:184 Resp: 25664

Ion Ratio Lower Upper

184 100

185 17.4 12.2 18.2

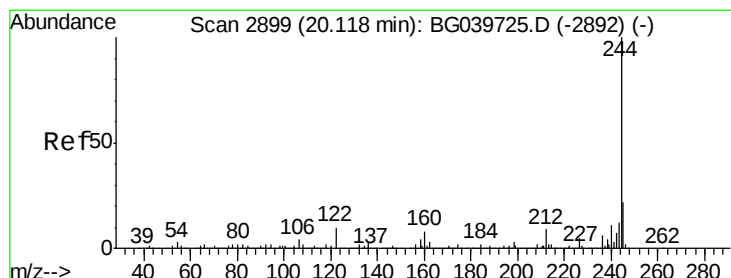
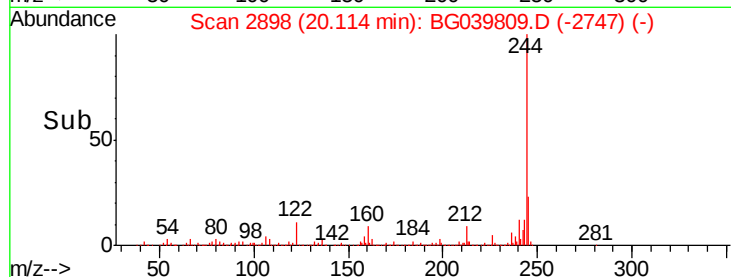
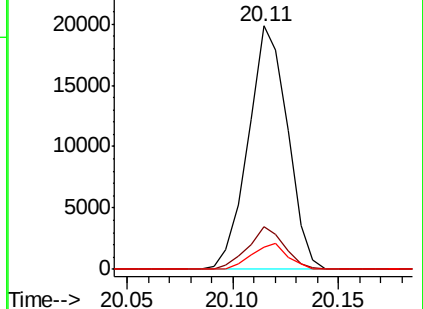
183 9.0 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 92.034 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039809.D

Acq: 7 Mar 2019 19:27

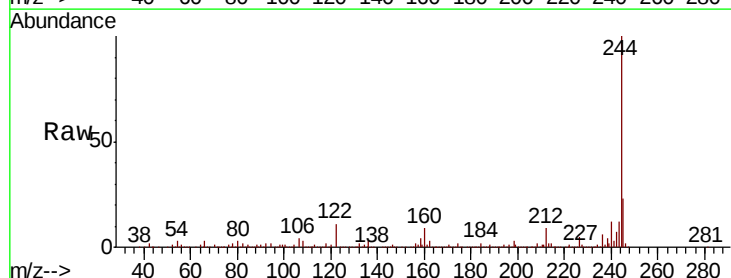
Tgt Ion:244 Resp: 1442657

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

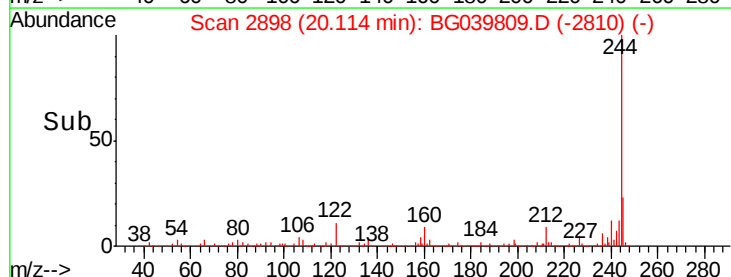
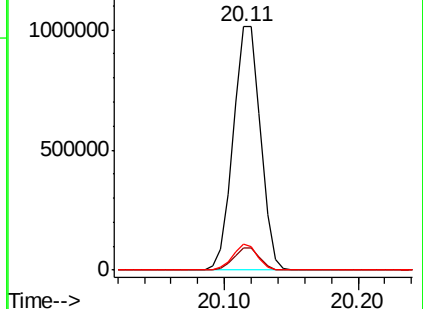
122 10.6 8.4 12.6

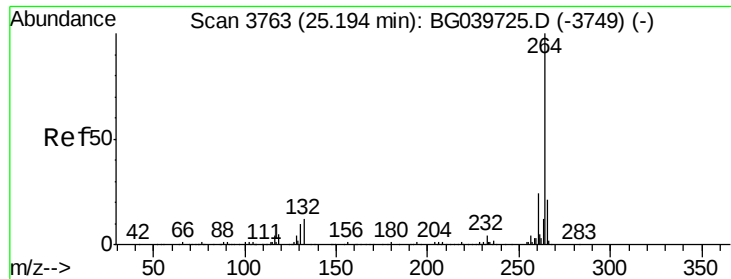


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.02 min
Lab File: BG039809.D
Acq: 7 Mar 2019 19:27

Instrument :
BNA_G
ClientSampleId :
TP-6CD-S

Tgt Ion: 264 Resp: 339757
Ion Ratio Lower Upper
264 100
260 24.4 18.2 27.4
265 20.7 18.5 27.7

