

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040919\
 Data File : BG040411.D
 Acq On : 9 Apr 2019 23:08
 Operator : JU/SJ
 Sample : PB118723TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 00:53:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

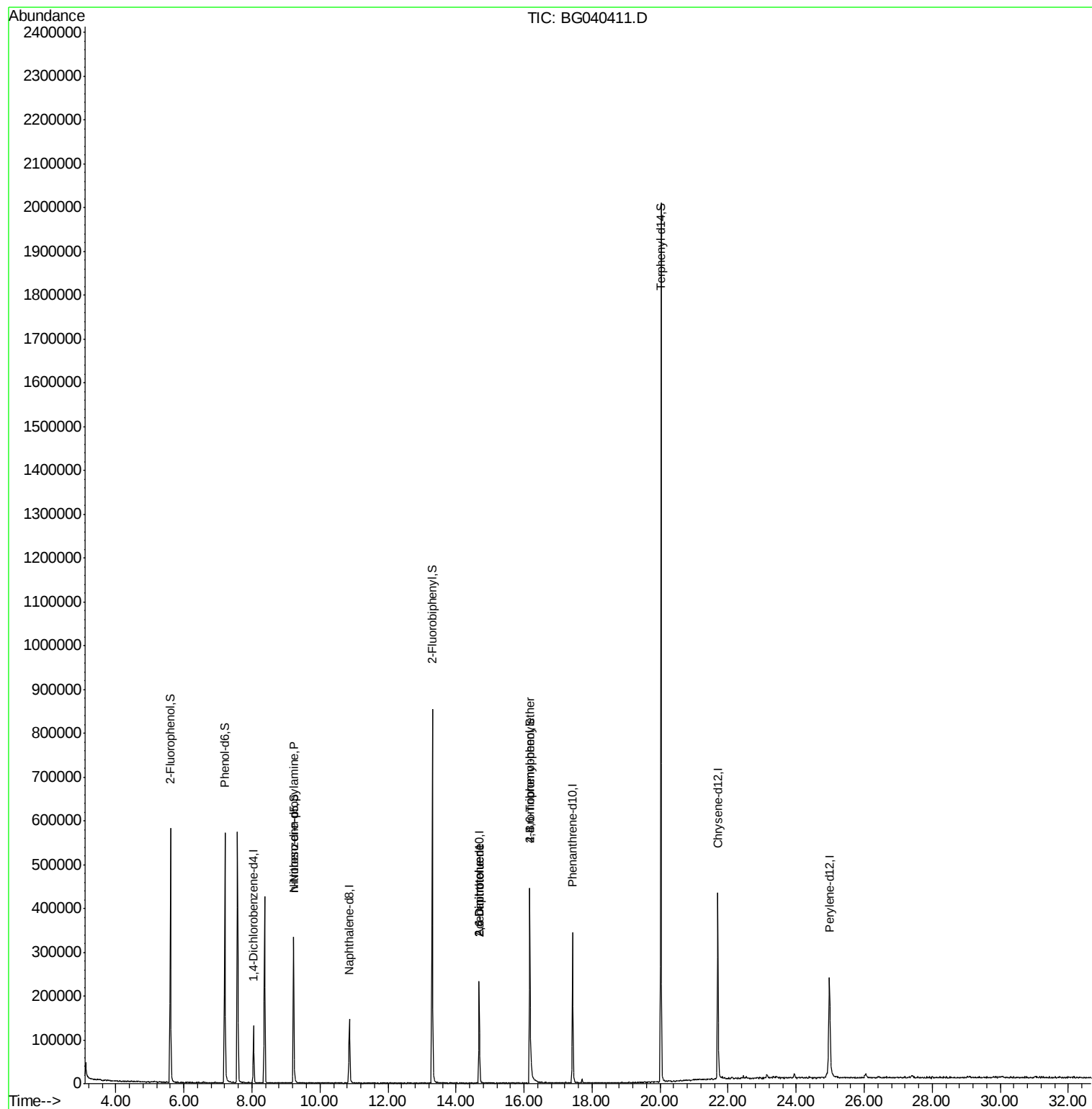
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38535	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	143939	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	87023	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	232750	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	281921	20.00	ng	-0.03
87) Perylene-d12	24.98	264	291151	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	266092	114.79	ng	-0.02
7) Phenol-d6	7.20	99	366856	114.52	ng	-0.02
23) Nitrobenzene-d5	9.22	82	208018	76.82	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	104633	111.25	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	498614	84.90	ng	-0.02
79) Terphenyl-d14	20.02	244	951757	75.95	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	25559	11.128	ng	# 73
51) 2,6-Dinitrotoluene	14.68	165	11177	7.309	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	11177	5.260	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	8101	3.093	ng	# 1

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

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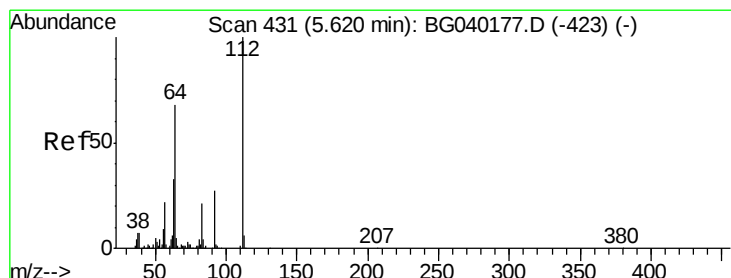
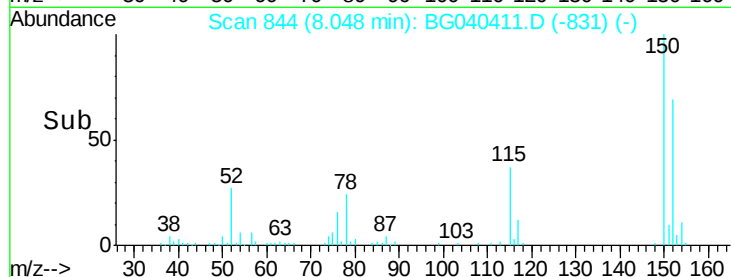
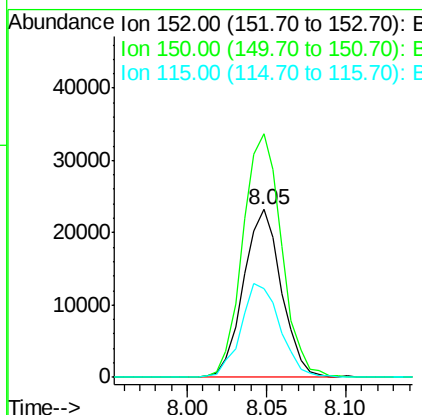
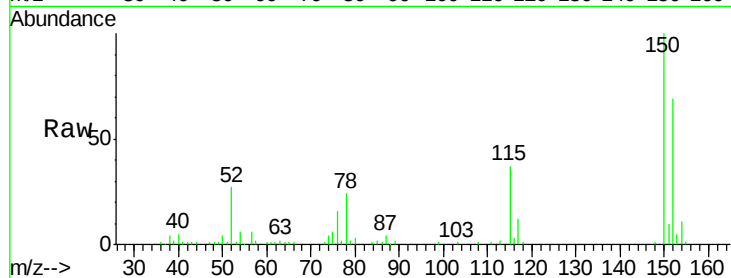


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040411.D
Acq: 9 Apr 2019 23:08

Instrument :
BNA_G
ClientSampleId :

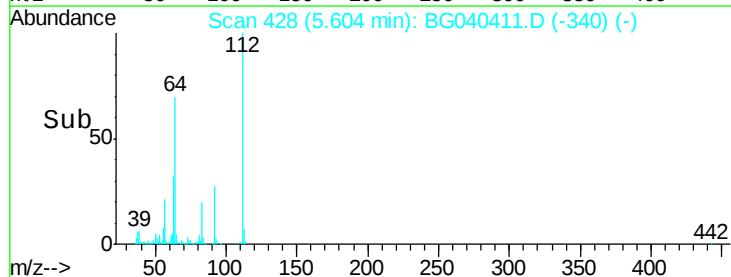
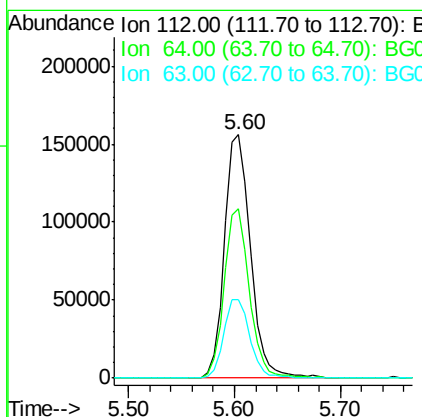
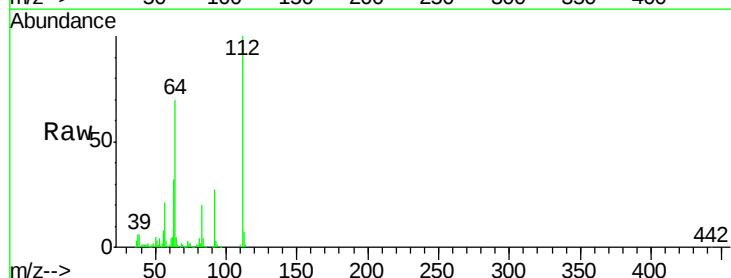
Tot Ion:152 Resp: 38535
Ion Ratio Lower Upper
152 100
150 145.3 123.7 185.5
115 53.3 46.9 70.3

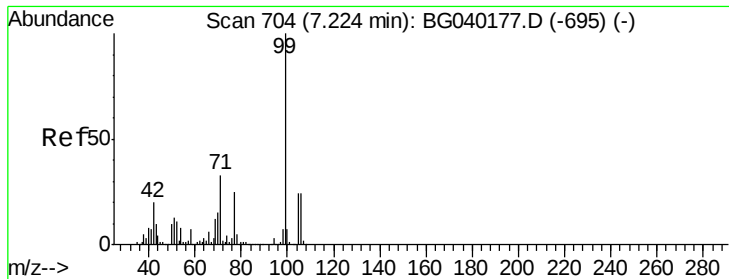


#5

2-Fluorophenol
Concen: 114.793 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040411.D
Acq: 9 Apr 2019 23:08

Tgt Ion:112 Resp: 266092
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.2
63 32.3 26.4 39.6





#7

Phenol-d6

Concen: 114.516 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040411.D

Acq: 9 Apr 2019 23:08

Instrument :

BNA_G

ClientSampled :

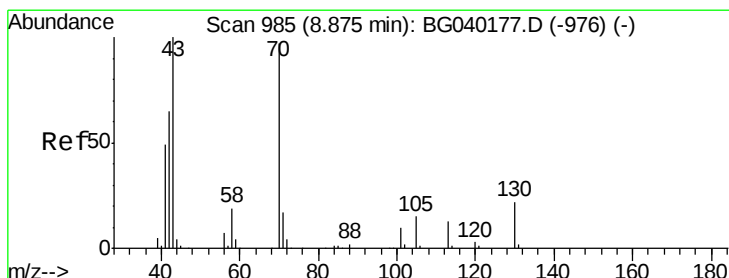
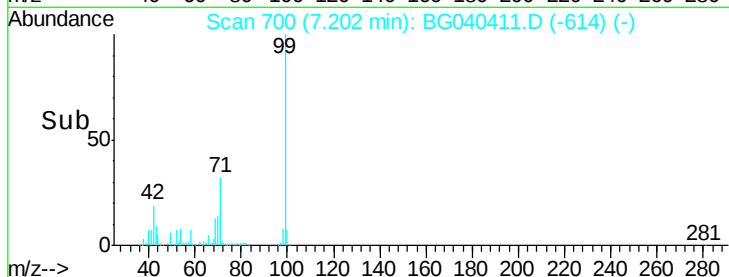
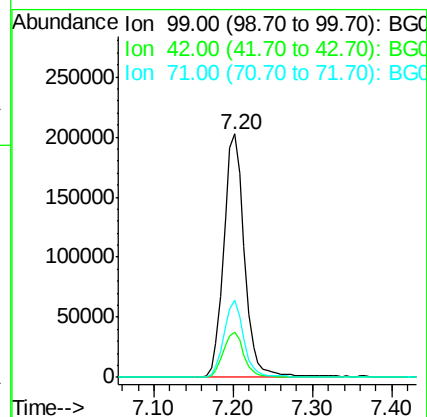
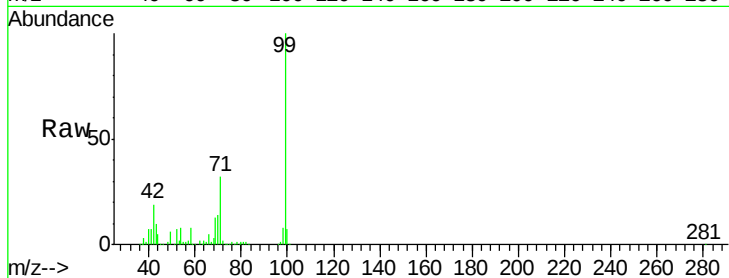
Tot Ion: 99 Resp: 366856

Ion Ratio Lower Upper

99 100

42 18.8 16.2 24.2

71 31.8 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.128 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040411.D

Acq: 9 Apr 2019 23:08

Tgt Ion: 70 Resp: 25559

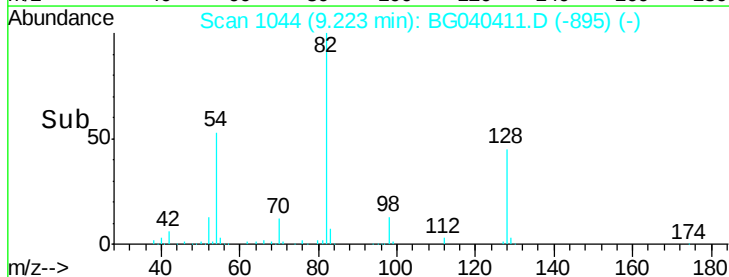
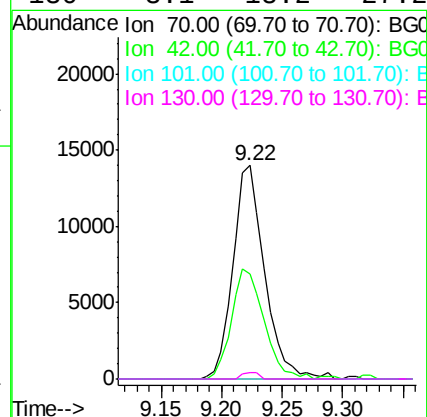
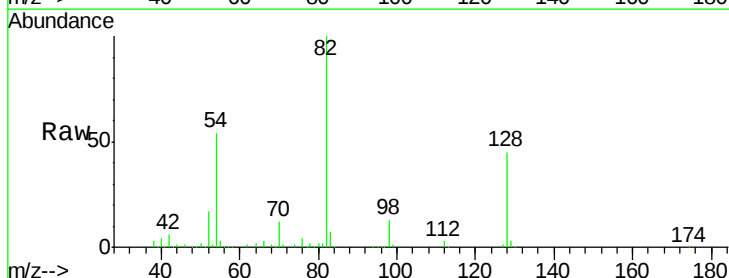
Ion Ratio Lower Upper

70 100

42 49.3 54.0 81.0#

101 0.0 8.6 13.0#

130 3.1 18.2 27.2#

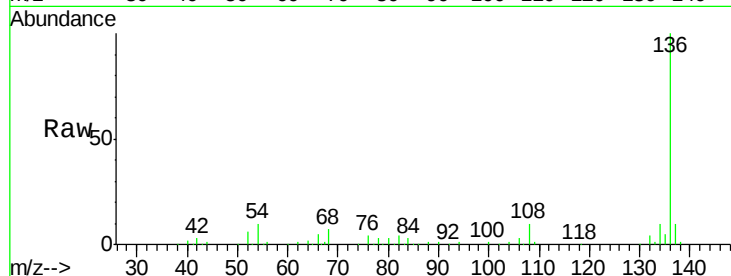




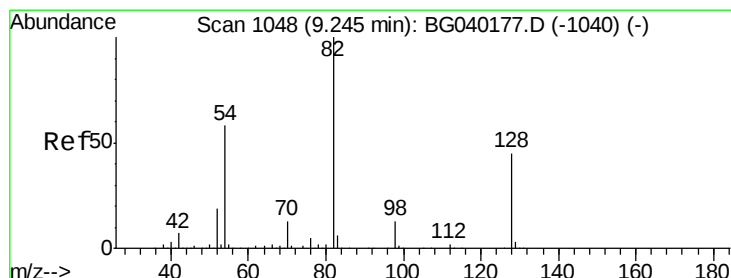
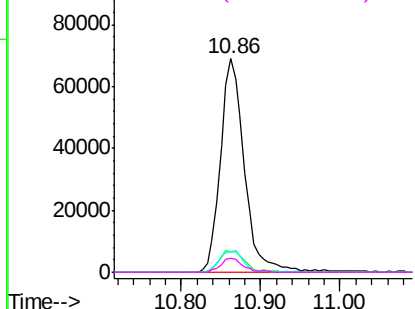
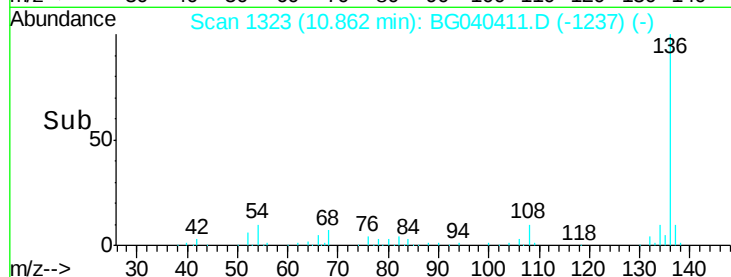
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040411.D
Acq: 9 Apr 2019 23:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	143939
Ion Ratio	Lower	Upper
136 100		
137 9.9	8.9	13.3
54 9.8	9.6	14.4
68 6.9	5.1	7.7

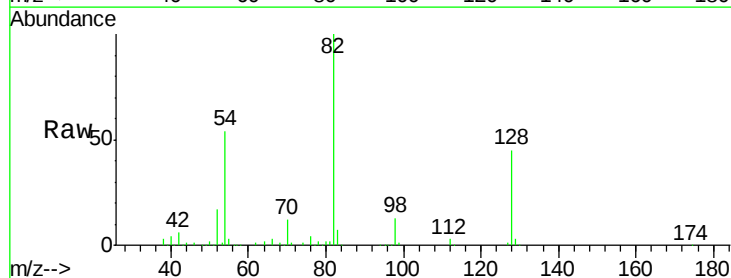


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

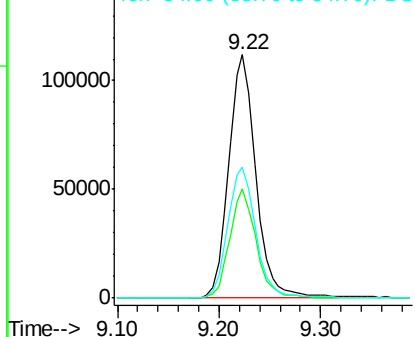
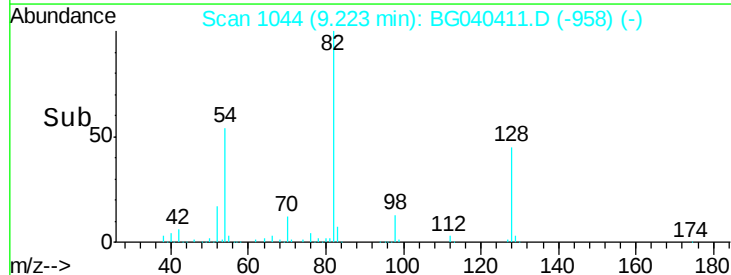


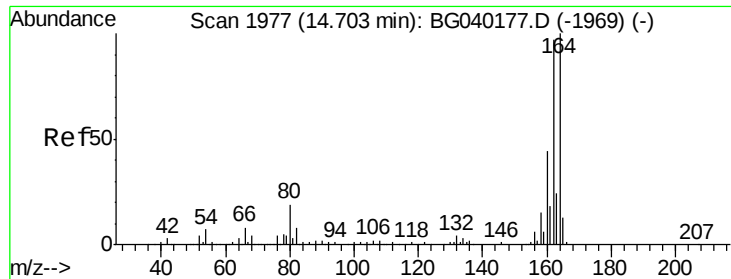
#23
Nitrobenzene-d5
Concen: 76.816 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040411.D
Acq: 9 Apr 2019 23:08

Tgt	Ion: 82	Resp:	208018
Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.8	53.8
54	53.9	46.2	69.2



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

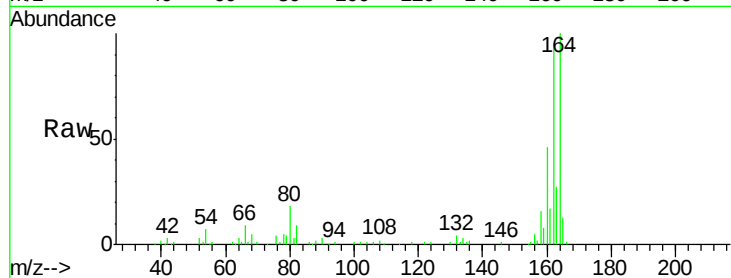




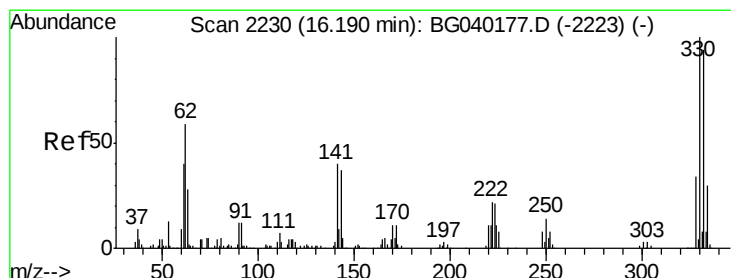
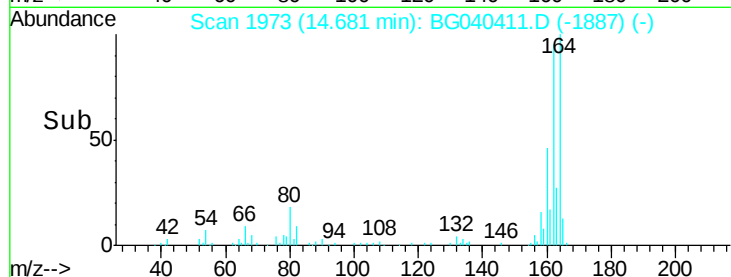
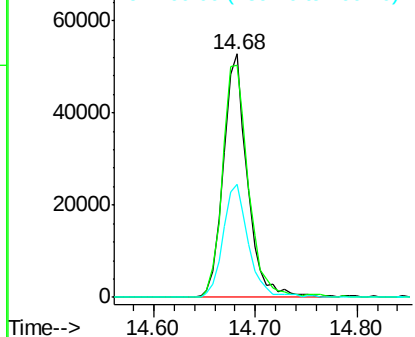
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040411.D
Acq: 9 Apr 2019 23:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 87023
Ion Ratio Lower Upper
164 100
162 95.3 77.4 116.2
160 46.3 35.3 52.9

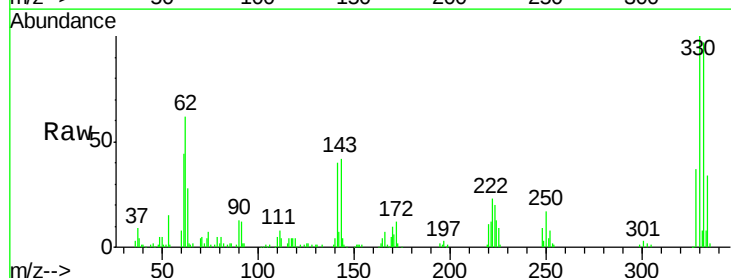


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

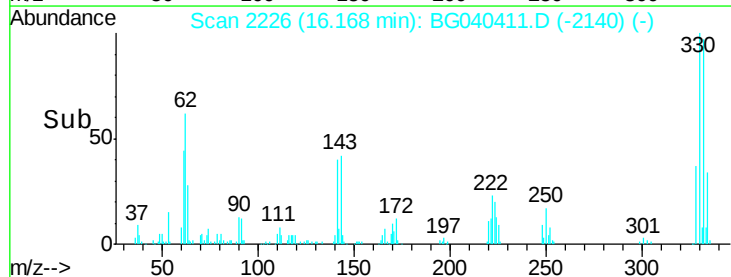
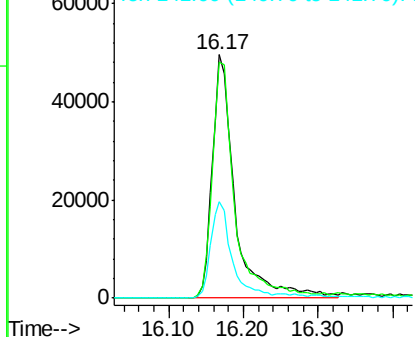


#42
2,4,6-Tribromophenol
Concen: 111.253 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040411.D
Acq: 9 Apr 2019 23:08

Tgt Ion:330 Resp: 104633
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 38.2 32.6 48.8



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

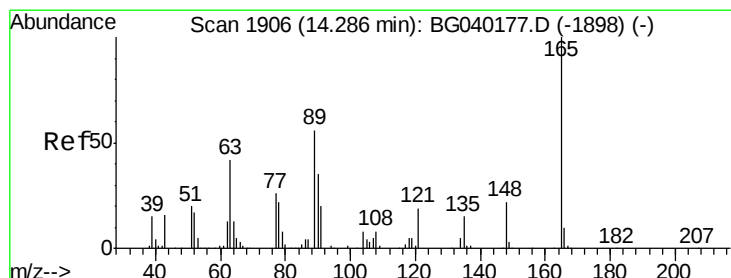
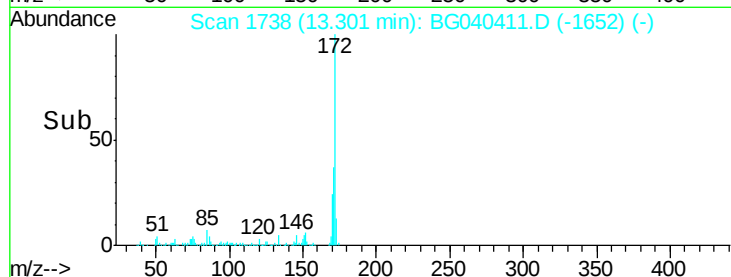
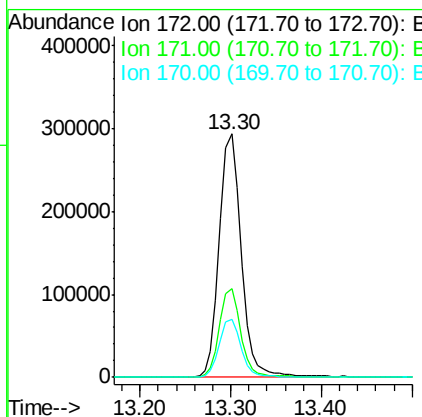
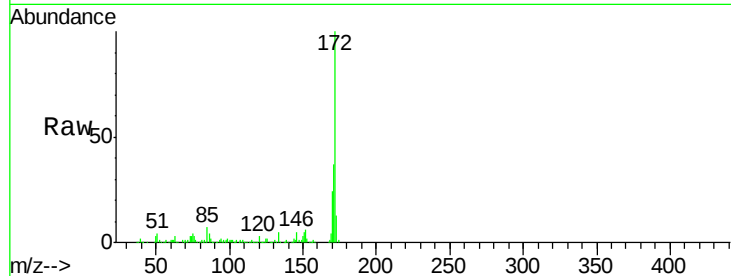




#45
2-Fluorobiphenyl
Concen: 84.900 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040411.D
Acq: 9 Apr 2019 23:08

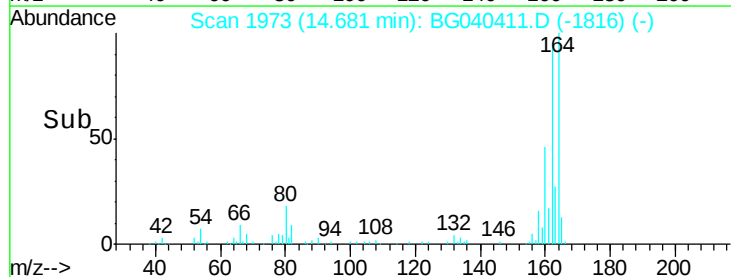
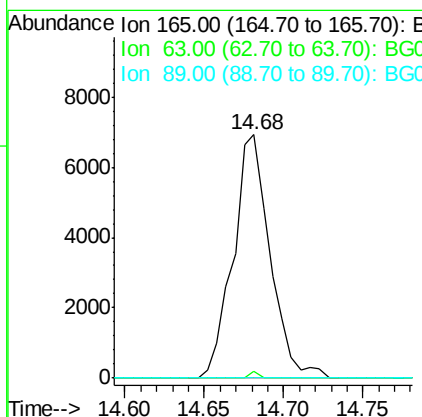
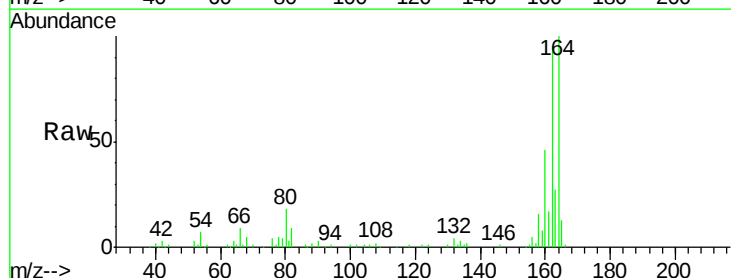
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 498614
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 23.8 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.309 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.40 min
Lab File: BG040411.D
Acq: 9 Apr 2019 23:08

Tgt Ion:165 Resp: 11177
Ion Ratio Lower Upper
165 100
63 2.8 44.1 66.1#
89 0.0 44.9 67.3#

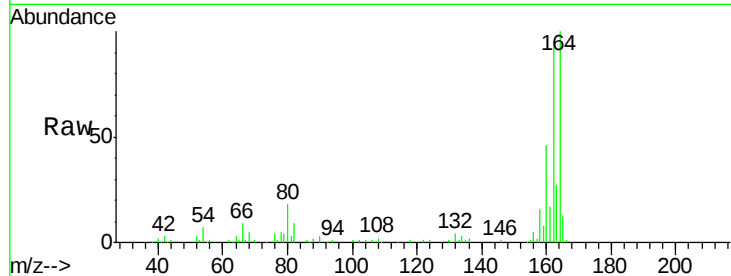




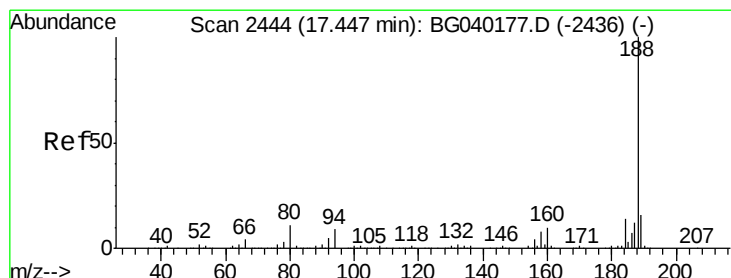
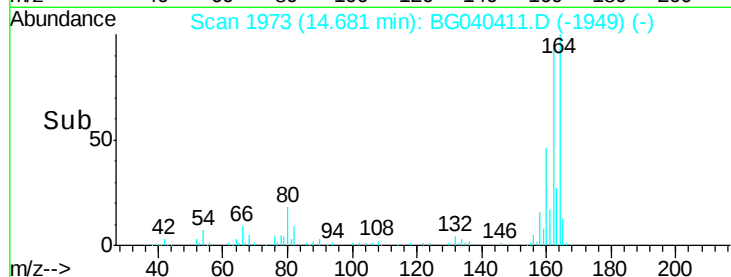
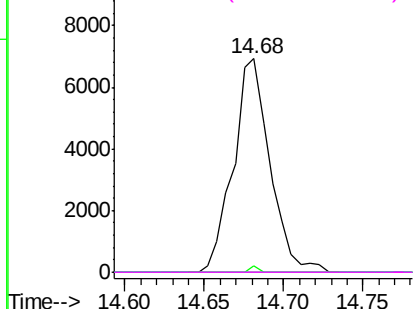
#57
 2,4-Dinitrotoluene
 Concen: 5.260 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040411.D
 Acq: 9 Apr 2019 23:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 11177
 Ion Ratio Lower Upper
 165 100
 63 2.8 33.8 50.6#
 89 0.0 55.4 83.2#
 182 0.0 2.2 3.4#

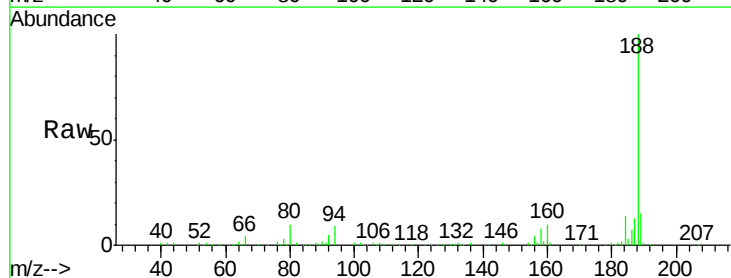


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

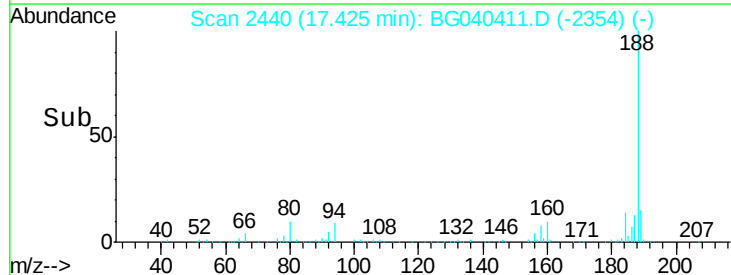
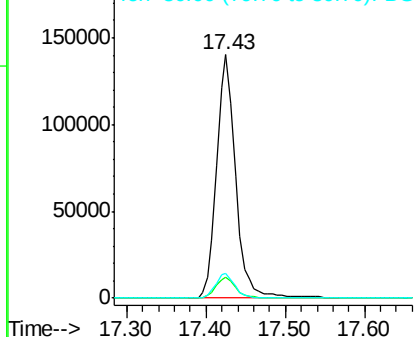


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040411.D
 Acq: 9 Apr 2019 23:08

Tgt Ion:188 Resp: 232750
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.0 10.4
 80 10.1 8.6 13.0



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

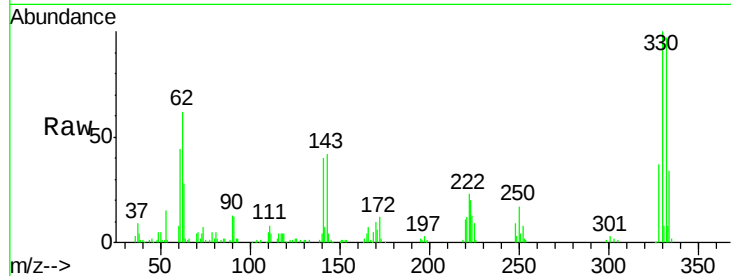




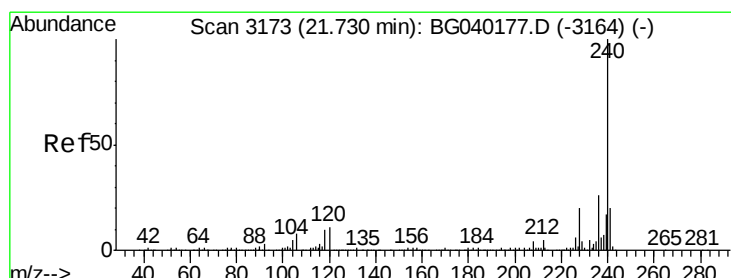
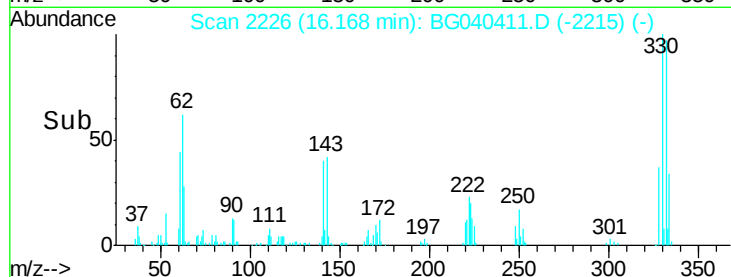
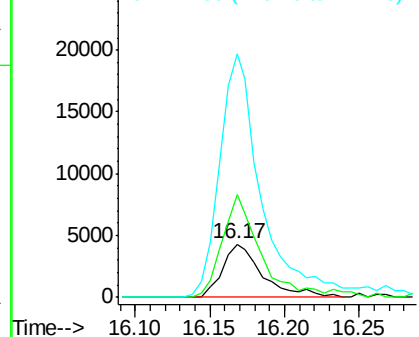
#67
4-Bromophenyl-phenylether
Concen: 3.093 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG040411.D
Acq: 9 Apr 2019 23:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 8101
Ion Ratio Lower Upper
248 100
250 139.5 76.4 114.6#
141 329.8 53.8 80.8#

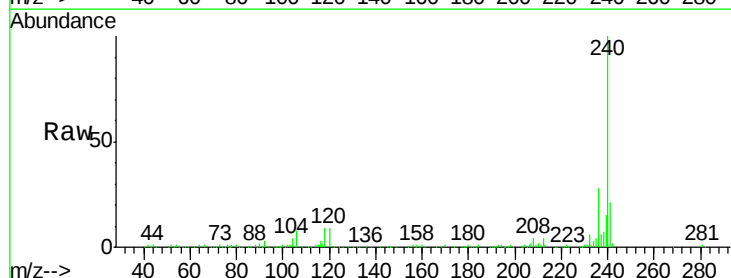


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

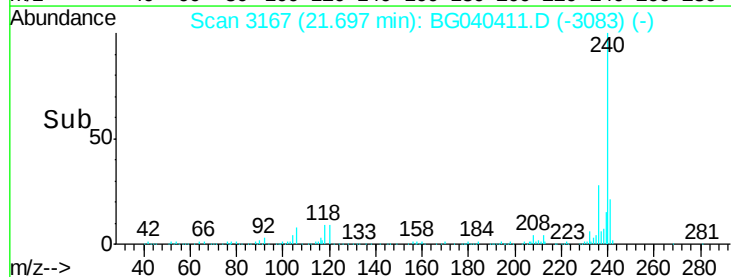
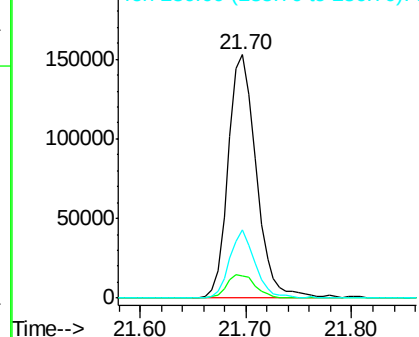


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.03 min
Lab File: BG040411.D
Acq: 9 Apr 2019 23:08

Tgt Ion:240 Resp: 281921
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 28.1 20.8 31.2



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: 75.948 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040411.D

Acq: 9 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

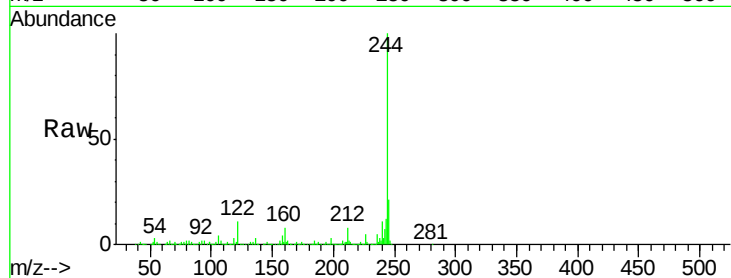
Tot Ion:244 Resp: 951757

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.6

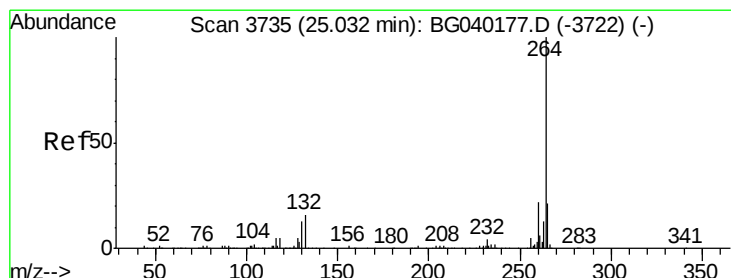
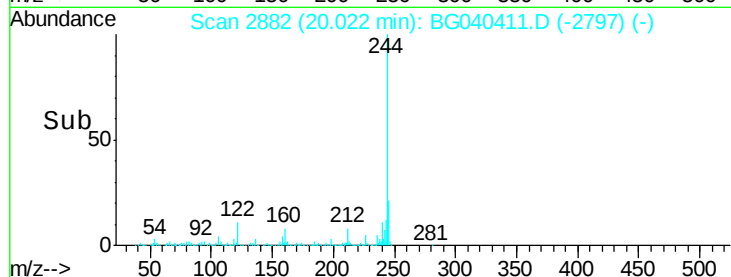
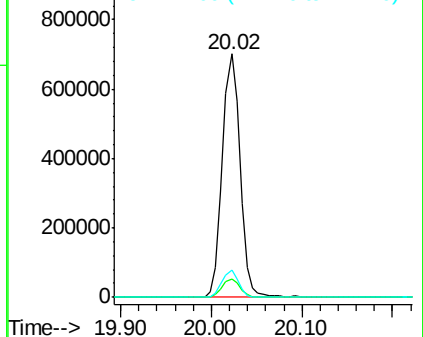
122 11.2 8.5 12.7



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: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040411.D

Acq: 9 Apr 2019 23:08

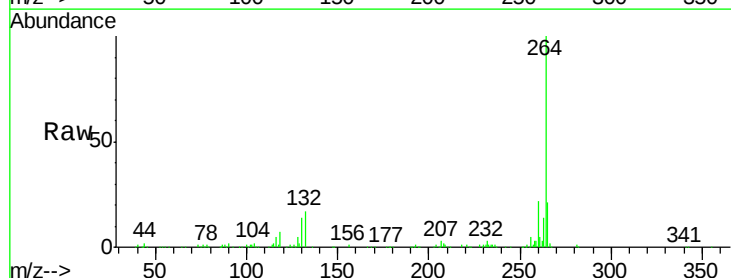
Tgt Ion:264 Resp: 291151

Ion Ratio Lower Upper

264 100

260 21.7 17.9 26.9

265 20.7 16.8 25.2



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

