

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
 Data File : BG040506.D
 Acq On : 16 Apr 2019 16:49
 Operator : JU/SJ
 Sample : K2423-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3-B

Quant Time: Apr 16 18:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

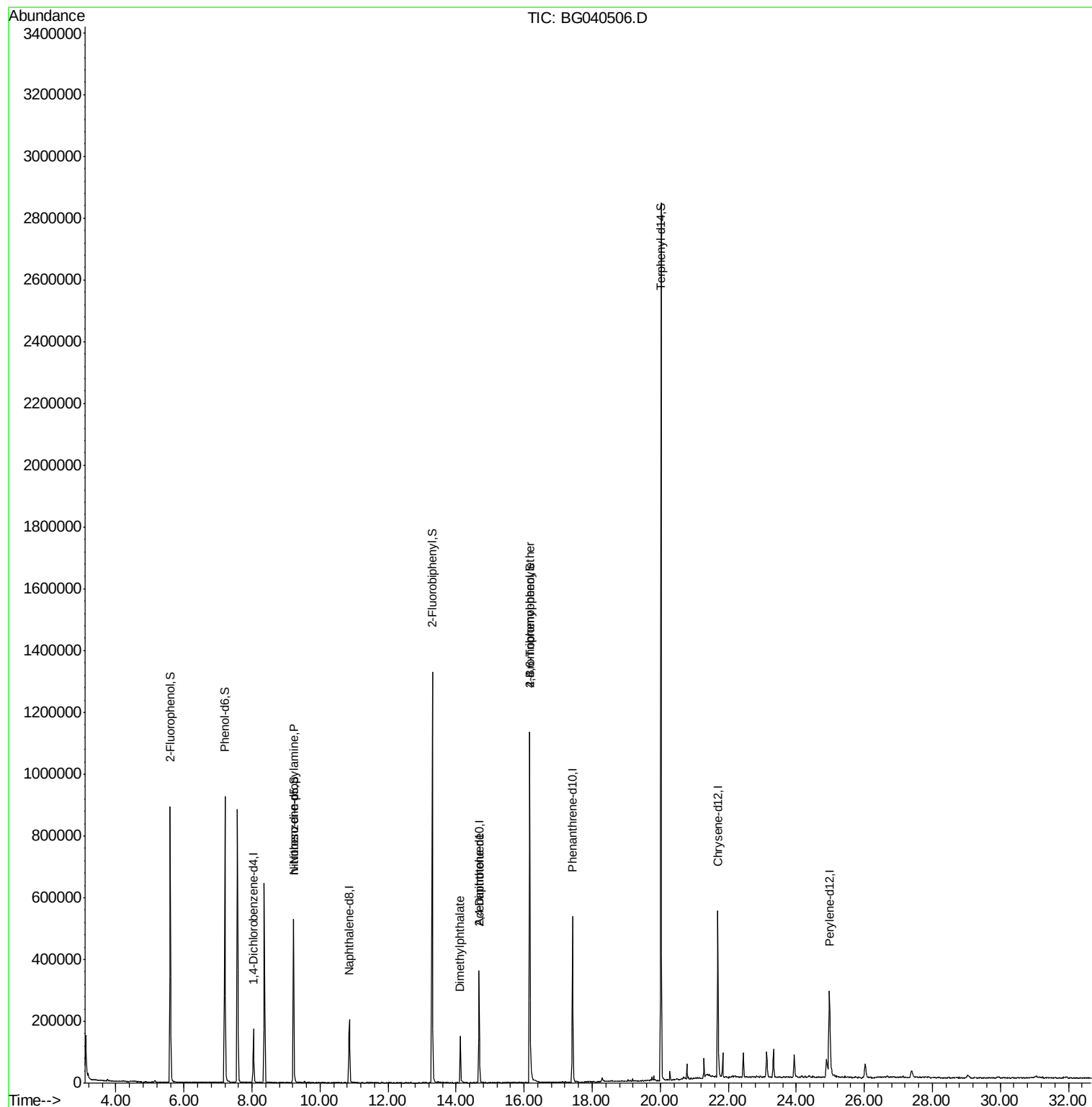
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49183	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	193682	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	128282	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	360363	20.00	ng	0.00
76) Chrysene-d12	21.69	240	336627	20.00	ng	0.00
87) Perylene-d12	24.97	264	347986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	399432	135.01	ng	0.00
7) Phenol-d6	7.20	99	568446	139.03	ng	0.00
23) Nitrobenzene-d5	9.22	82	337885	92.73	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	226668	163.49	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	745796	86.15	ng	0.00
79) Terphenyl-d14	20.02	244	1292660	86.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	42804	14.601	ng	Qvalue
50) Dimethylphthalate	14.12	163	113939	11.349	ng	# 75
57) 2,4-Dinitrotoluene	14.67	165	15670	5.003	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	17513	4.319	ng	# 1

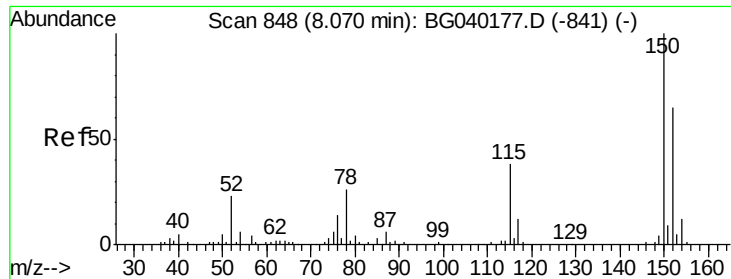
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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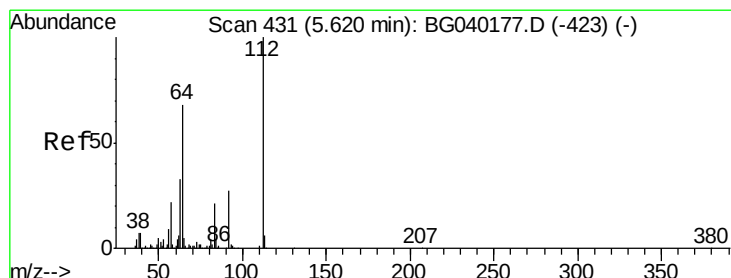
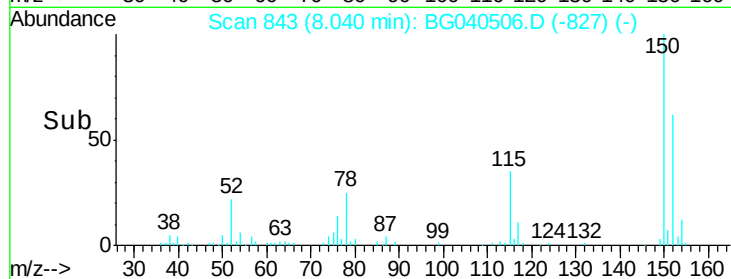
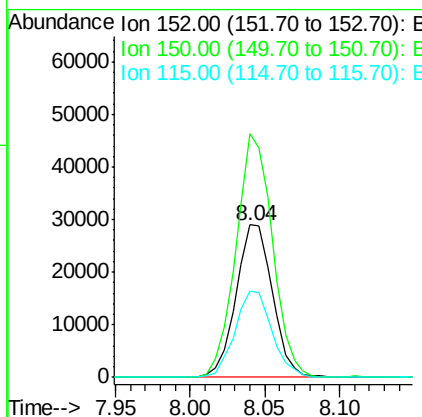
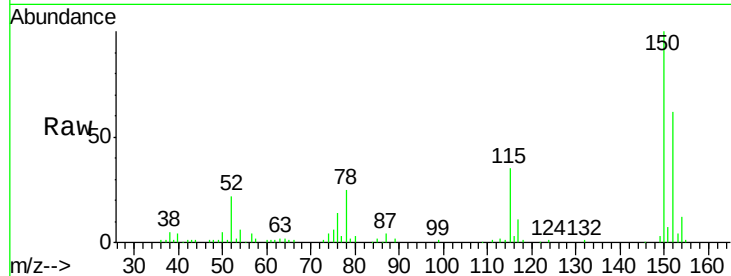


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Instrument :
BNA_G
ClientSampleId :
TP3-B

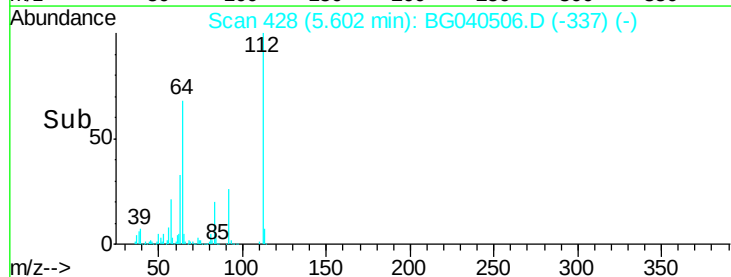
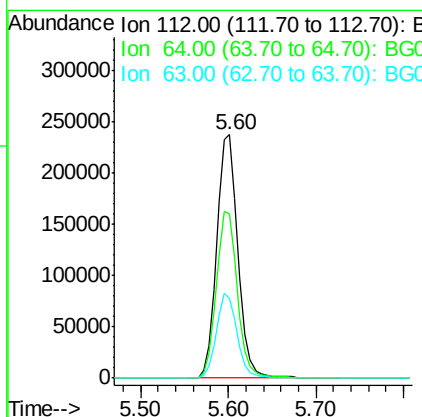
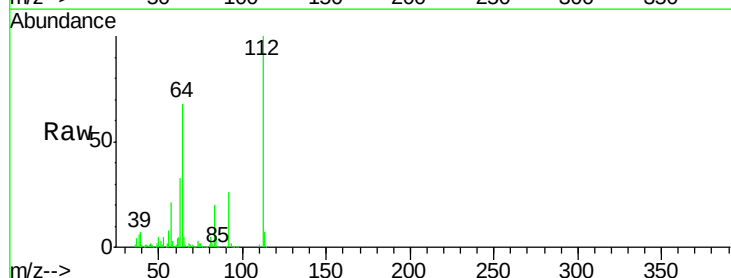
Tgt Ion:152 Resp: 49183
Ion Ratio Lower Upper
152 100
150 160.0 123.7 185.5
115 56.3 46.9 70.3

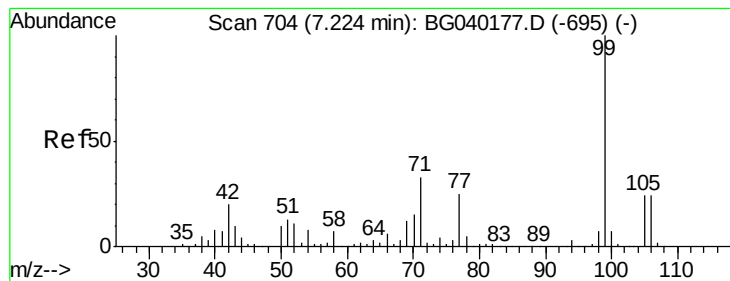


#5

2-Fluorophenol
Concen: 135.010 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Tgt Ion:112 Resp: 399432
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.2
63 33.0 26.4 39.6





#7

Phenol-d6

Concen: 139.027 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040506.D

Acq: 16 Apr 2019 16:49

Instrument :

BNA_G

ClientSampled :

TP3-B

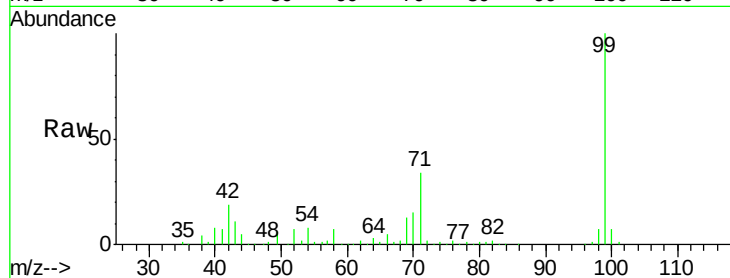
Tgt Ion: 99 Resp: 568446

Ion Ratio Lower Upper

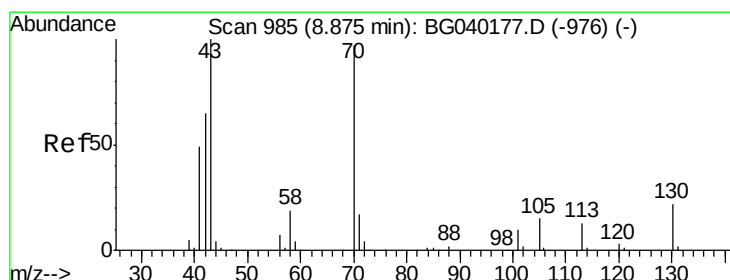
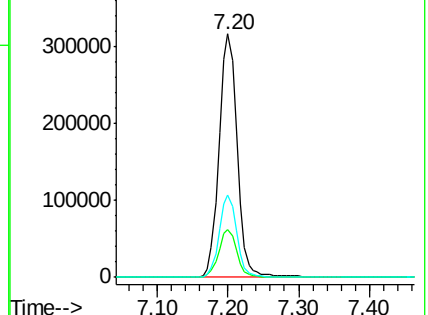
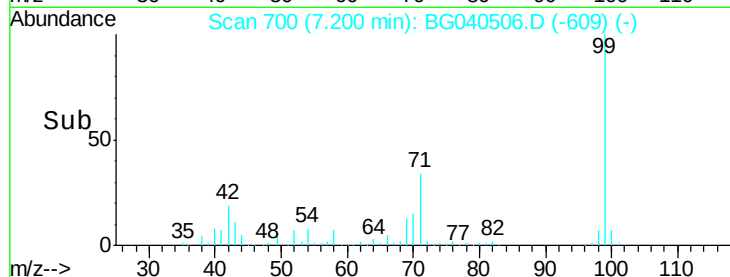
99 100

42 19.4 16.2 24.2

71 33.9 26.8 40.2



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: 14.601 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.38 min

Lab File: BG040506.D

Acq: 16 Apr 2019 16:49

Tgt Ion: 70 Resp: 42804

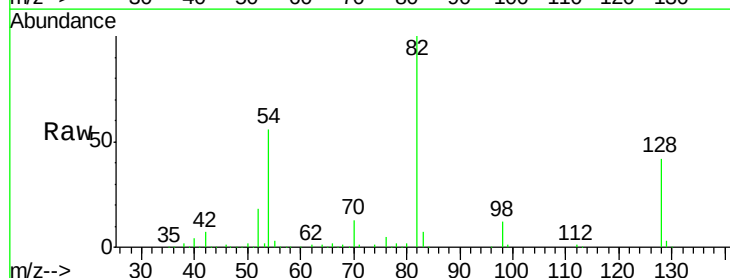
Ion Ratio Lower Upper

70 100

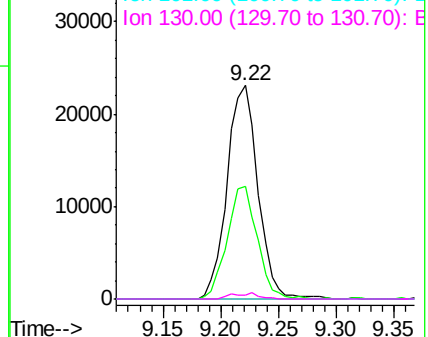
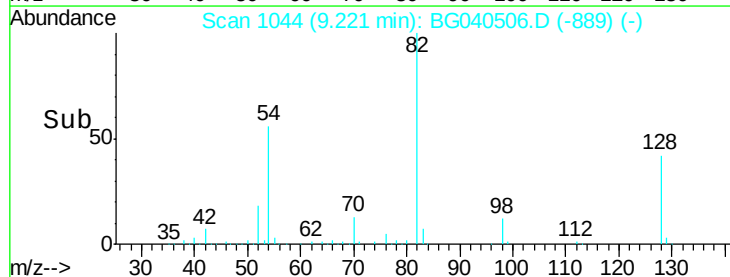
42 52.7 54.0 81.0#

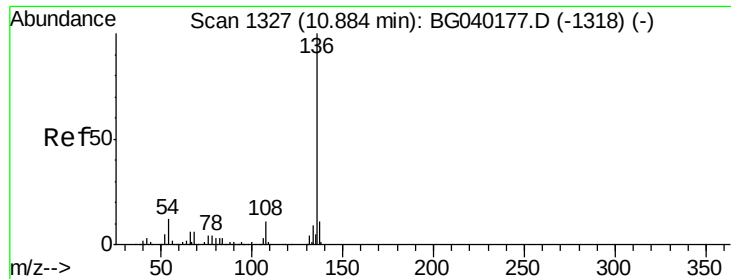
101 0.0 8.6 13.0#

130 1.9 18.2 27.2#



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

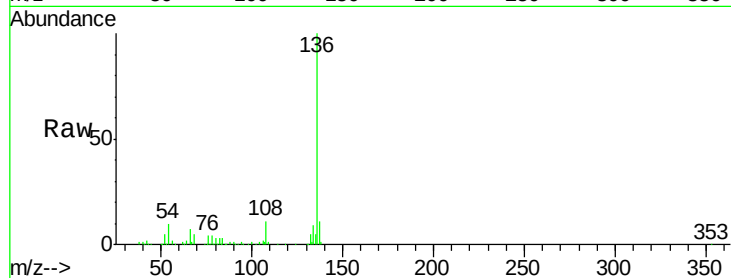




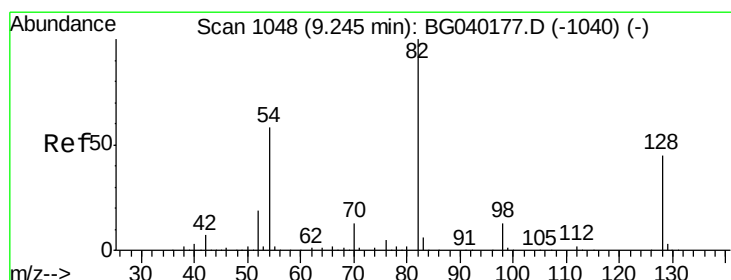
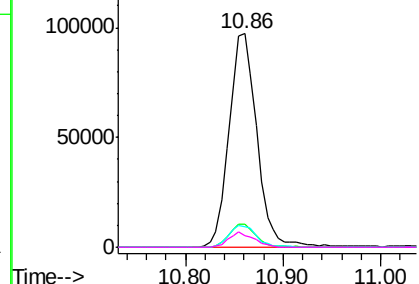
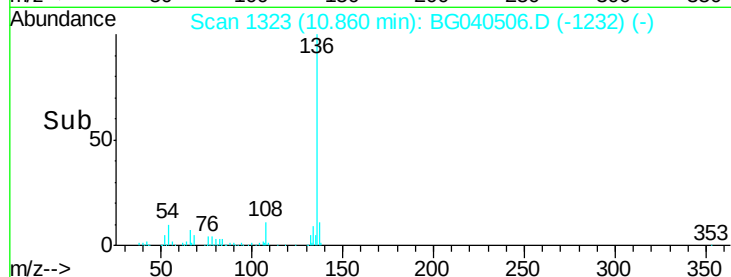
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Instrument :
BNA_G
ClientSampled :
TP3-B

Tgt Ion:	136	Resp:	193682
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.8	9.6	14.4
68	5.4	5.1	7.7

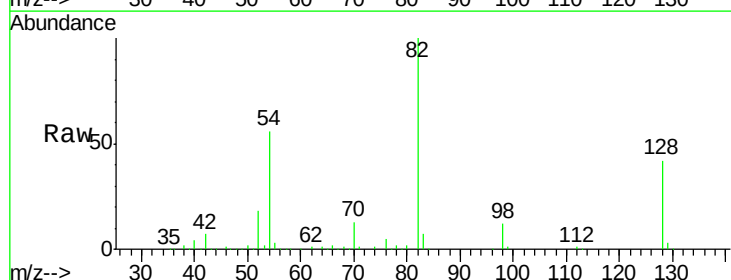


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

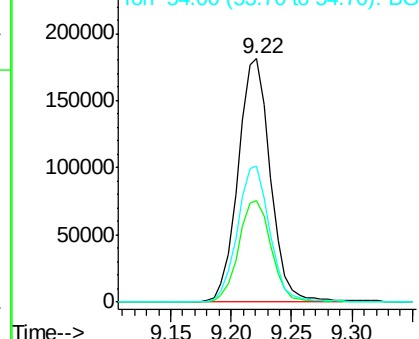
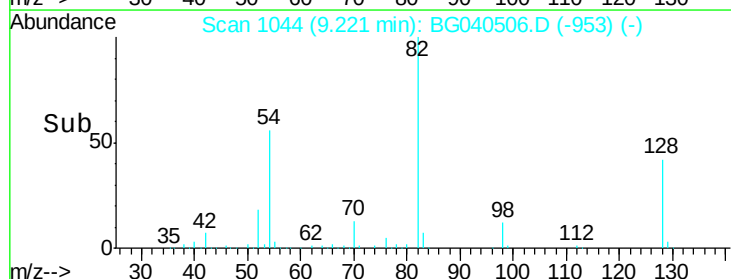


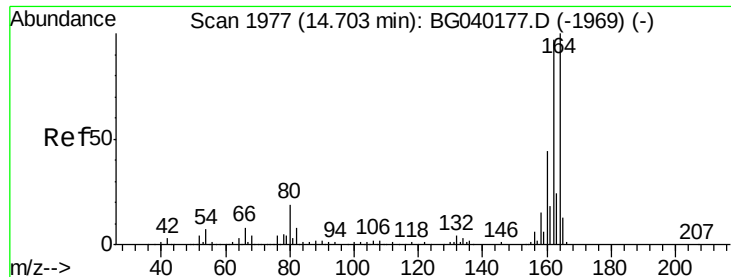
#23
Nitrobenzene-d5
Concen: 92.728 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Tgt Ion:	82	Resp:	337885
Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.8	53.8
54	55.8	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: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG040506.D

Acq: 16 Apr 2019 16:49

Instrument :

BNA_G

ClientSampleId :

TP3-B

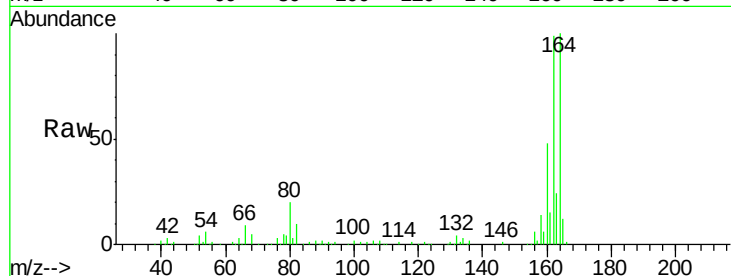
Tgt Ion:164 Resp: 128282

Ion Ratio Lower Upper

164 100

162 99.2 77.4 116.2

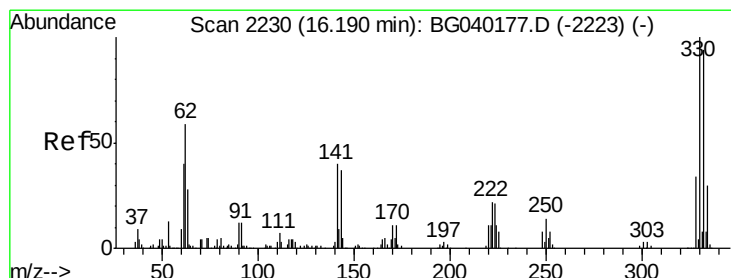
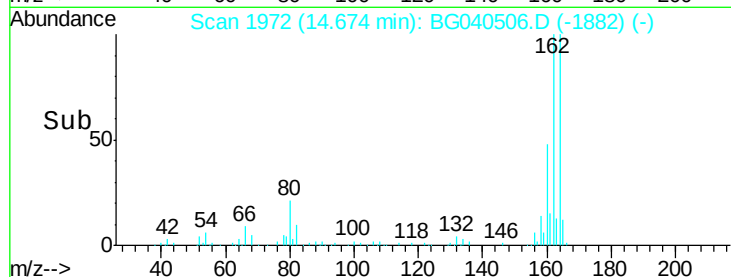
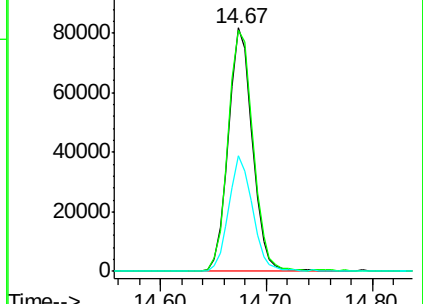
160 47.5 35.3 52.9



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: 163.495 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG040506.D

Acq: 16 Apr 2019 16:49

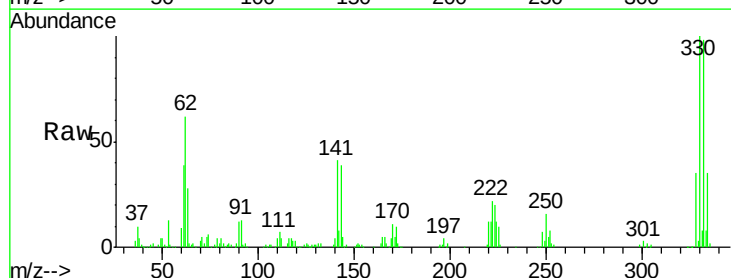
Tgt Ion:330 Resp: 226668

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

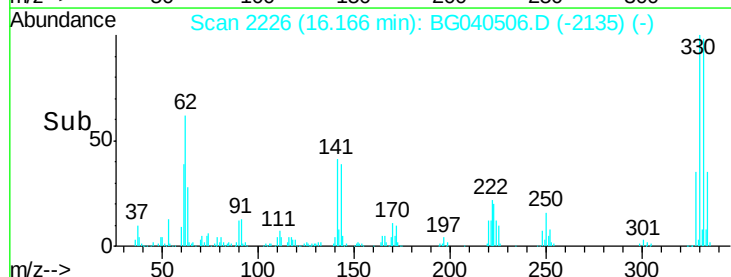
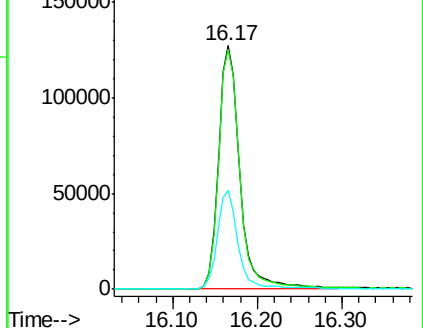
141 39.8 32.6 48.8

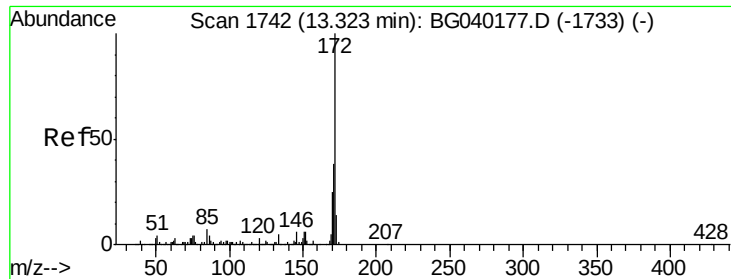


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

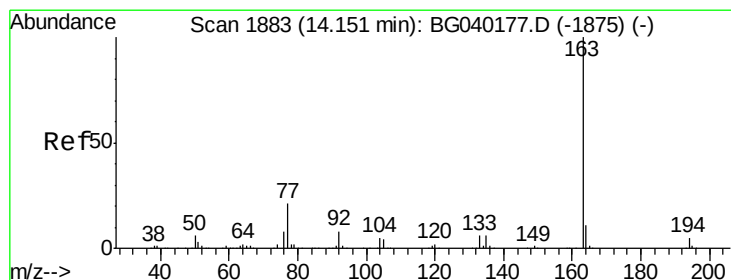
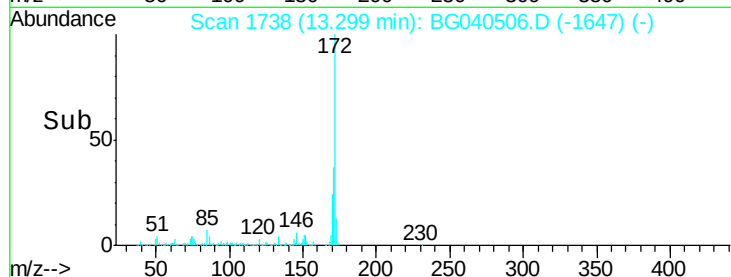
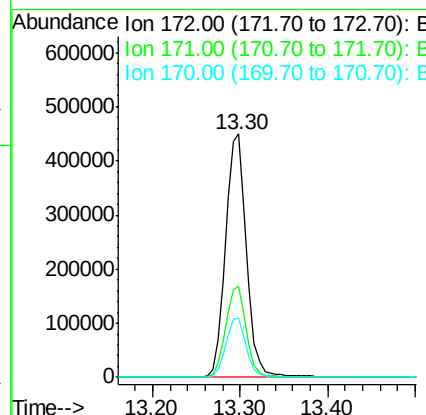
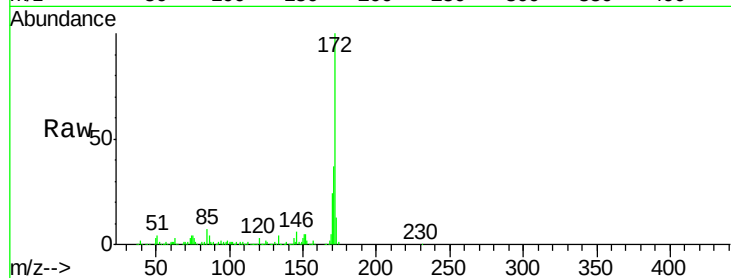




#45
2-Fluorobiphenyl
Concen: 86.146 ng
RT: 13.30 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

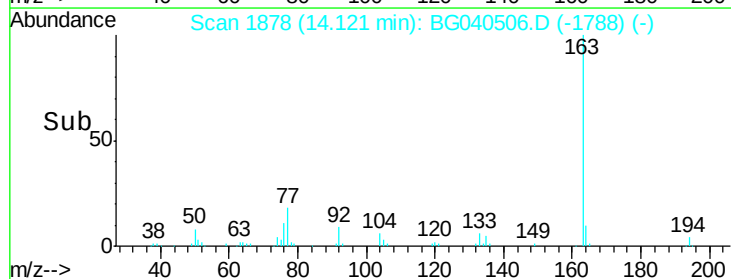
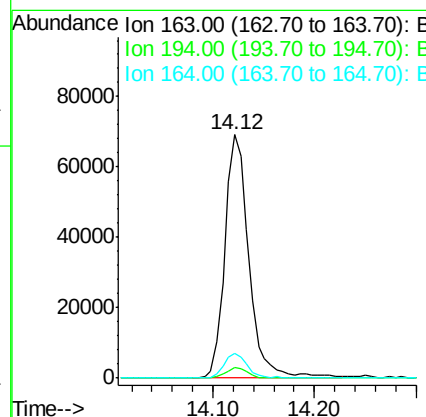
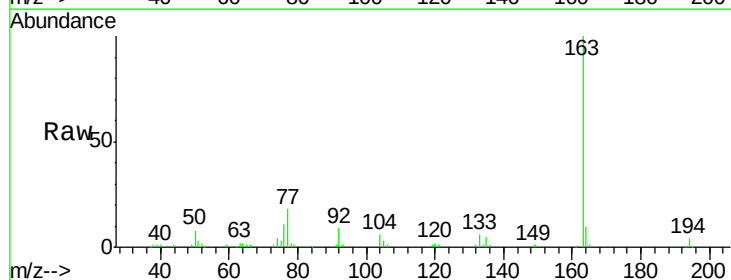
Instrument :
BNA_G
ClientSampleId :
TP3-B

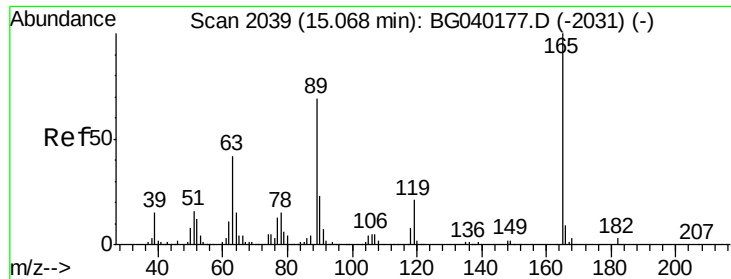
Tgt Ion:172 Resp: 745796
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 24.1 20.1 30.1



#50
Dimethylphthalate
Concen: 11.349 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Tgt Ion:163 Resp: 113939
Ion Ratio Lower Upper
163 100
194 4.3 4.1 6.1
164 10.4 8.6 13.0

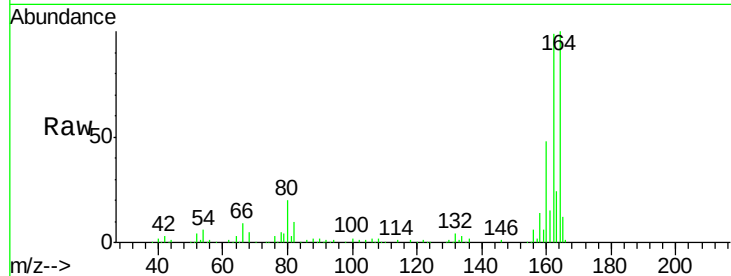




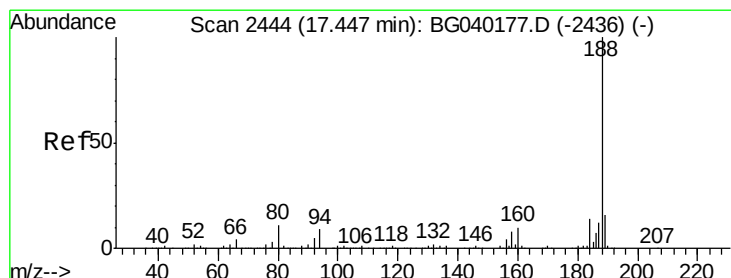
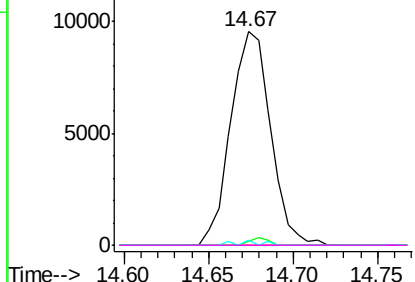
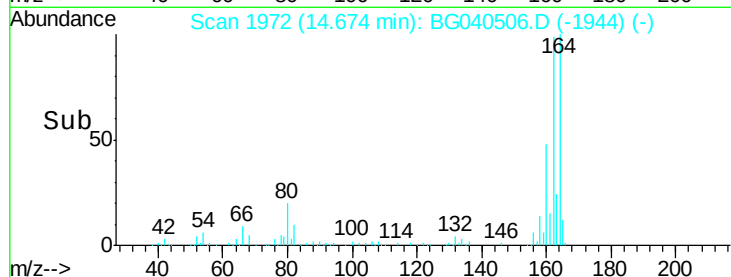
#57
 2,4-Dinitrotoluene
 Concen: 5.003 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.37 min
 Lab File: BG040506.D
 Acq: 16 Apr 2019 16:49

Instrument :
 BNA_G
 ClientSampleId :
 TP3-B

Tgt Ion:165 Resp: 15670
 Ion Ratio Lower Upper
 165 100
 63 2.0 33.8 50.6#
 89 2.1 55.4 83.2#
 182 0.0 2.2 3.4#

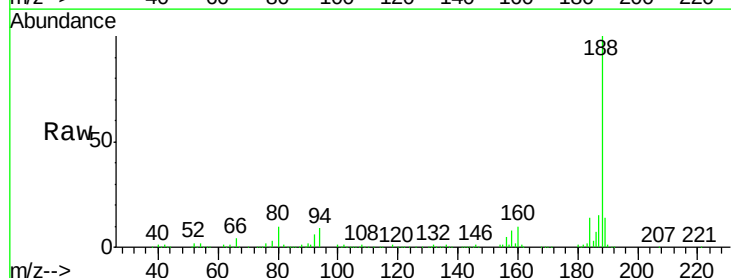


Abundance Ion 165.00 (164.70 to 165.70): E
 15000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

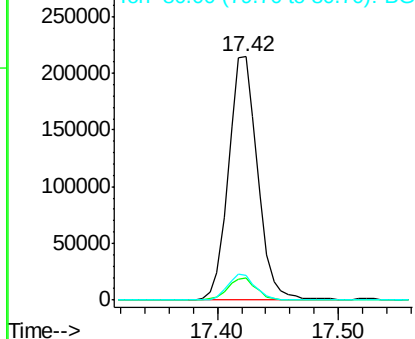
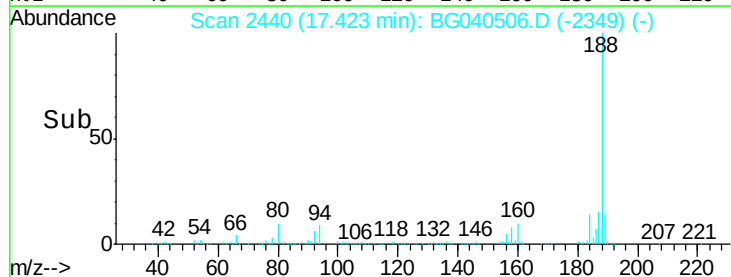


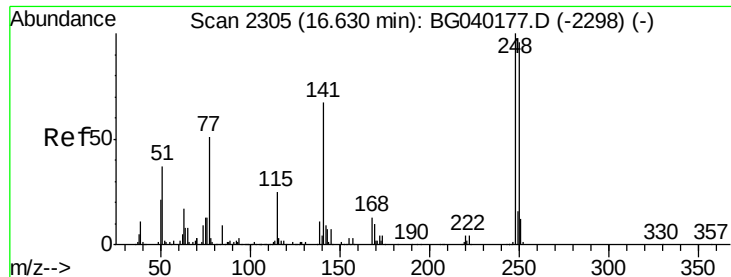
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. 0.00 min
 Lab File: BG040506.D
 Acq: 16 Apr 2019 16:49

Tgt Ion:188 Resp: 360363
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.0 10.4
 80 10.3 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
 300000
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

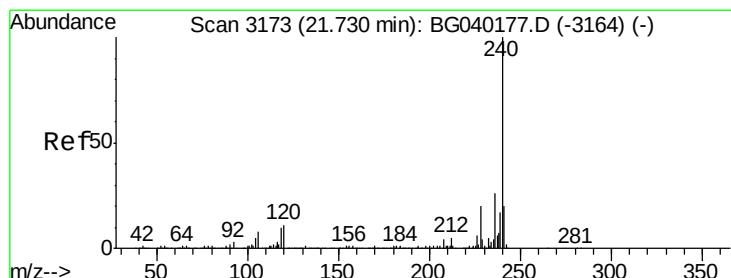
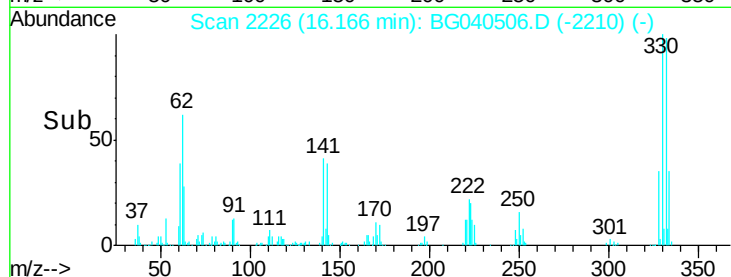
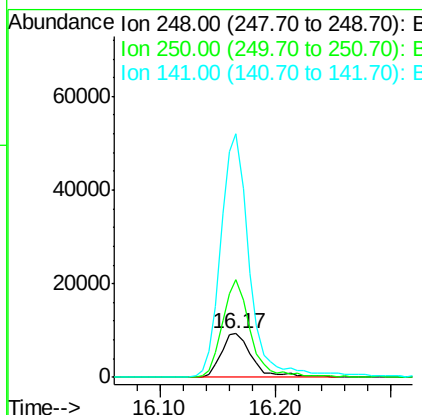
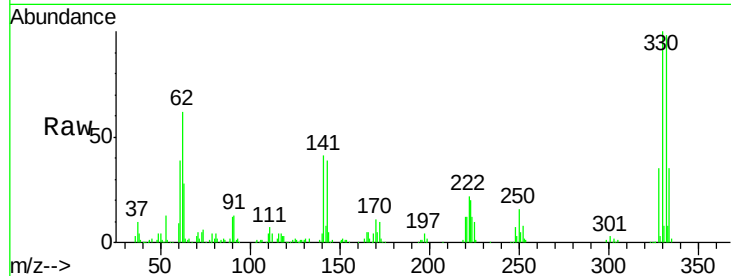




#67
 4-Bromophenyl-phenylether
 Concen: 4.319 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.44 min
 Lab File: BG040506.D
 Acq: 16 Apr 2019 16:49

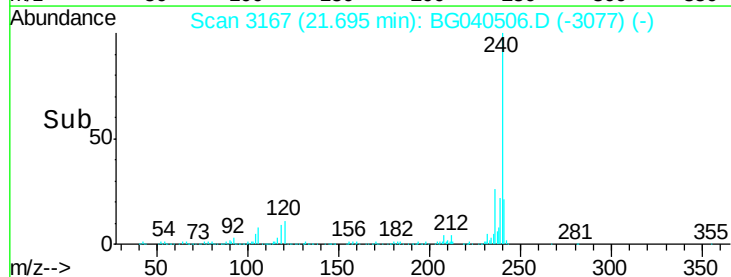
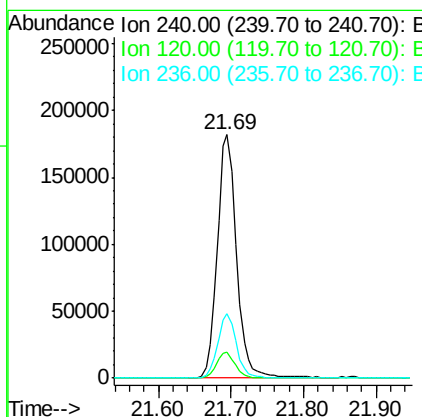
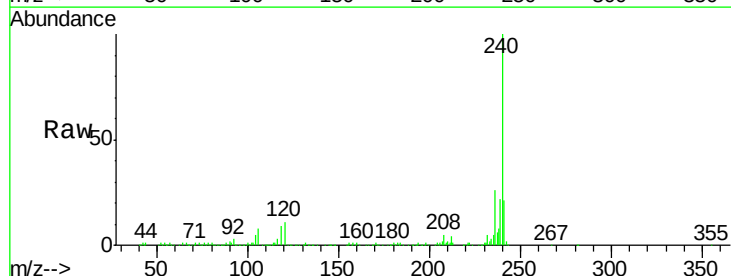
Instrument :
 BNA_G
 ClientSampleId :
 TP3-B

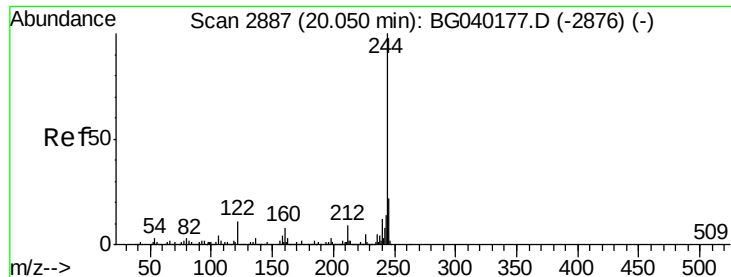
Tgt Ion:248 Resp: 17513
 Ion Ratio Lower Upper
 248 100
 250 222.8 76.4 114.6#
 141 556.3 53.8 80.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG040506.D
 Acq: 16 Apr 2019 16:49

Tgt Ion:240 Resp: 336627
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.4 12.6
 236 26.5 20.8 31.2





#79

Terphenyl-d14

Concen: 86.388 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040506.D

Acq: 16 Apr 2019 16:49

Instrument :

BNA_G

ClientSampleId :

TP3-B

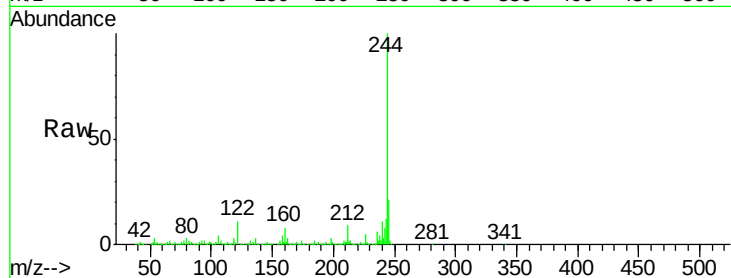
Tgt Ion:244 Resp: 1292660

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

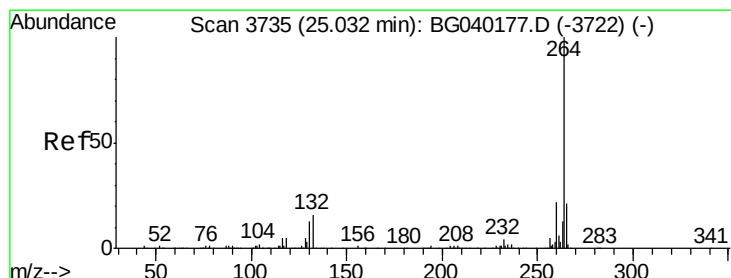
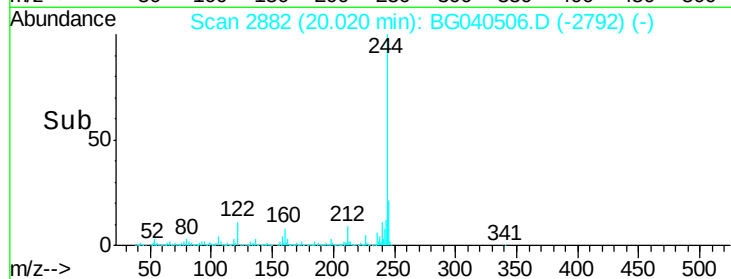
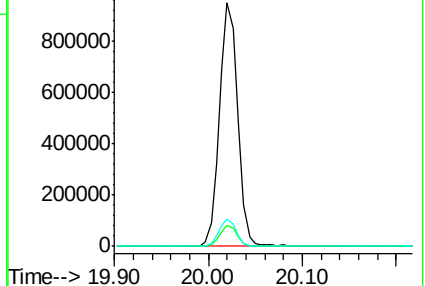
122 11.3 8.5 12.7



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: 24.97 min Scan# 3725

Delta R.T. 0.00 min

Lab File: BG040506.D

Acq: 16 Apr 2019 16:49

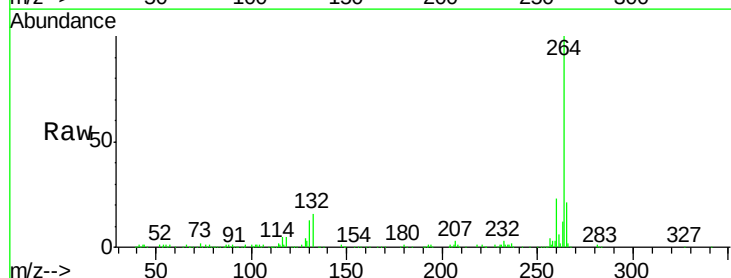
Tgt Ion:264 Resp: 347986

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 21.2 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

