

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
 Data File : BG040503.D
 Acq On : 16 Apr 2019 14:34
 Operator : JU/SJ
 Sample : K2423-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3-A

Quant Time: Apr 16 18:21:05 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

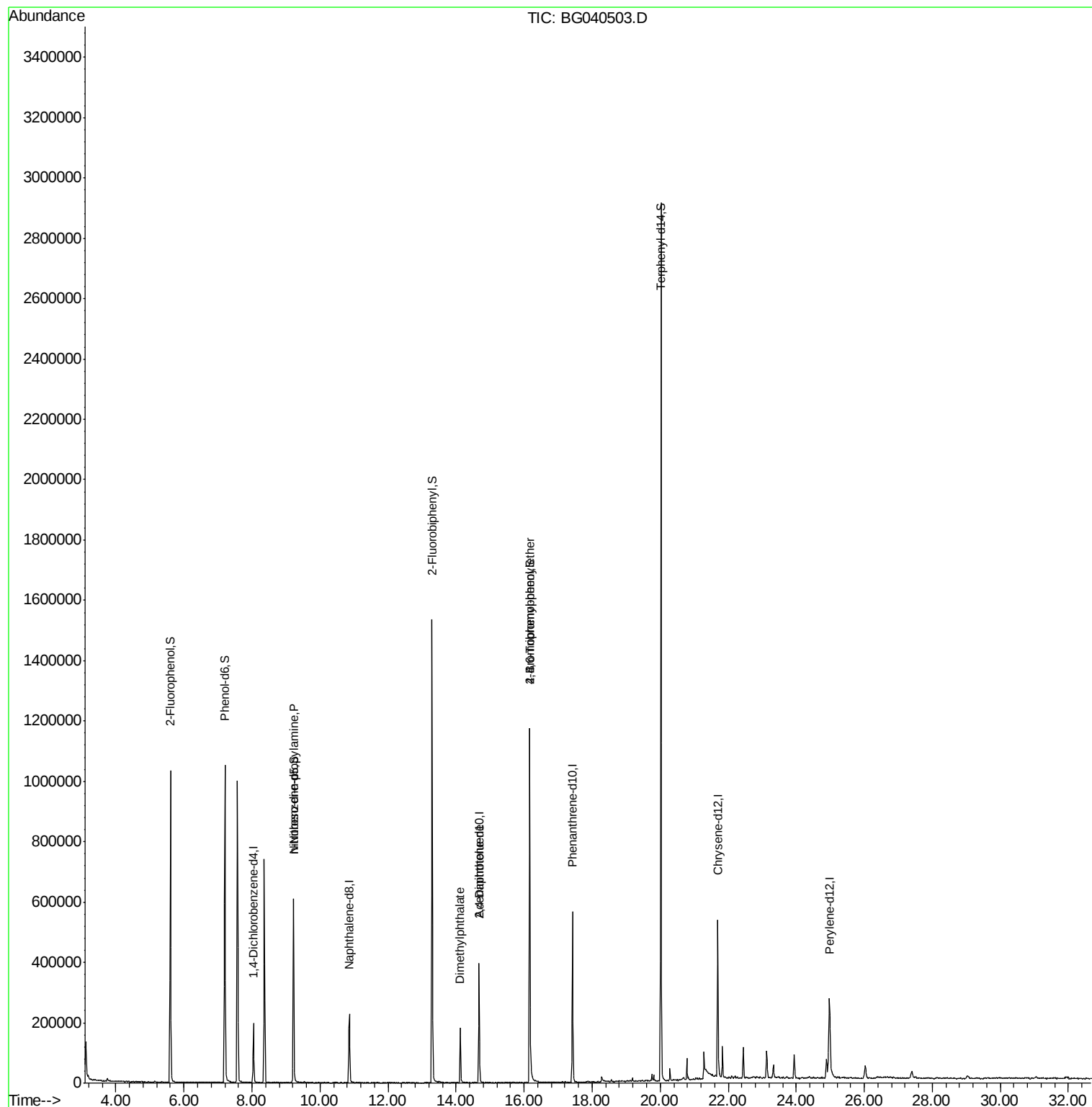
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54549	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	219559	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	141006	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	365731	20.00	ng	0.00
76) Chrysene-d12	21.70	240	317592	20.00	ng	0.00
87) Perylene-d12	24.98	264	345372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	453138	138.10	ng	0.00
7) Phenol-d6	7.20	99	644635	142.15	ng	0.00
23) Nitrobenzene-d5	9.22	82	382245	92.54	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	233031	152.92	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	850625	89.39	ng	0.00
79) Terphenyl-d14	20.02	244	1319165	93.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	48963	15.059	ng	Qvalue
50) Dimethylphthalate	14.12	163	136194	12.341	ng	# 71
57) 2,4-Dinitrotoluene	14.67	165	18584	5.397	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	18457	4.484	ng	# 1

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

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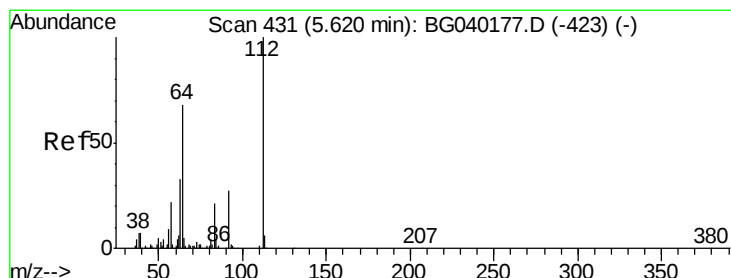
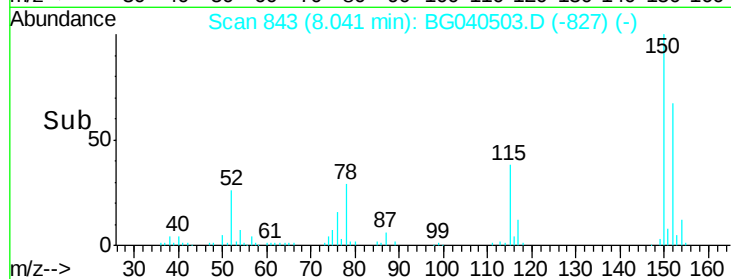
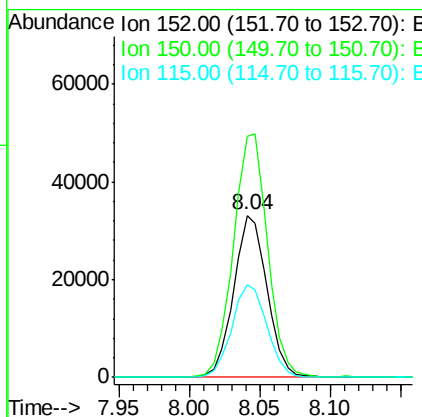
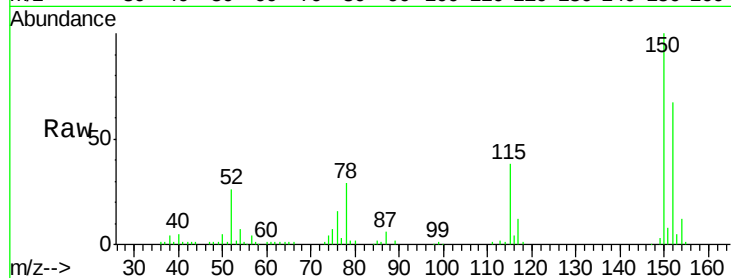




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG040503.D
 Acq: 16 Apr 2019 14:34

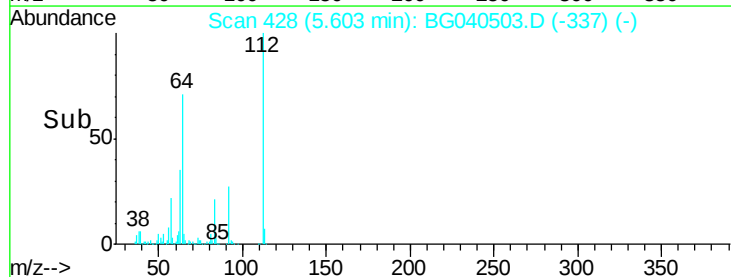
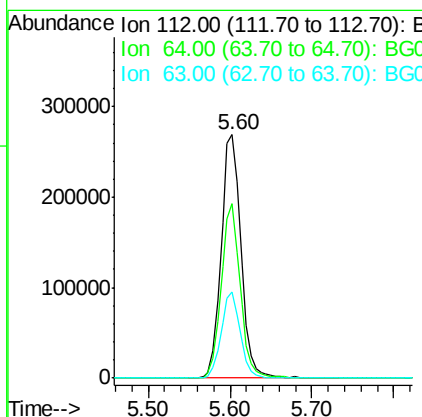
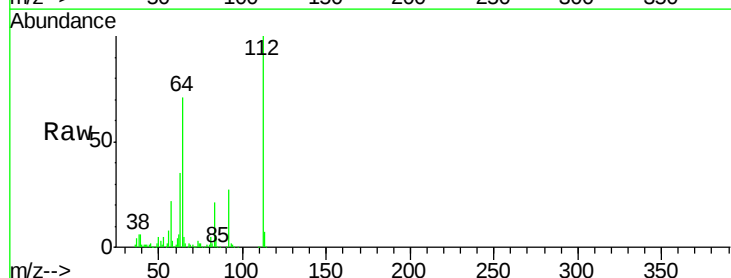
Instrument :
 BNA_G
 ClientSampleId :
 TP3-A

Tgt Ion:152 Resp: 54549
 Ion Ratio Lower Upper
 152 100
 150 149.1 123.7 185.5
 115 57.1 46.9 70.3



#5
 2-Fluorophenol
 Concen: 138.096 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG040503.D
 Acq: 16 Apr 2019 14:34

Tgt Ion:112 Resp: 453138
 Ion Ratio Lower Upper
 112 100
 64 71.5 54.2 81.2
 63 35.4 26.4 39.6





#7

Phenol-d6

Concen: 142.152 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040503.D

Acq: 16 Apr 2019 14:34

Instrument :

BNA_G

ClientSampleId :

TP3-A

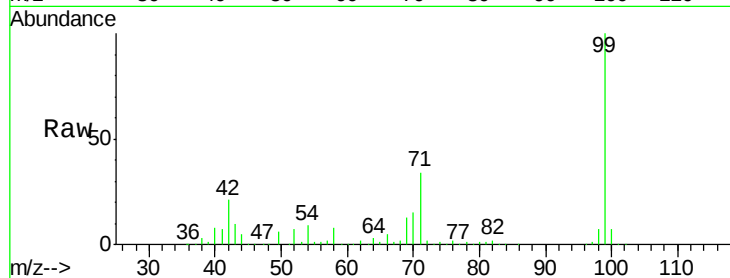
Tgt Ion: 99 Resp: 644635

Ion Ratio Lower Upper

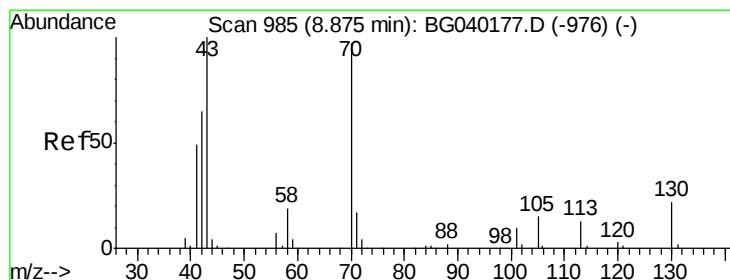
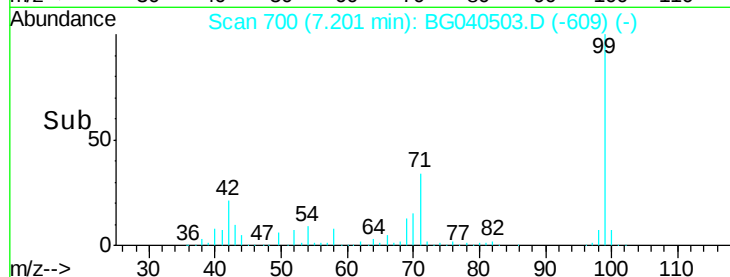
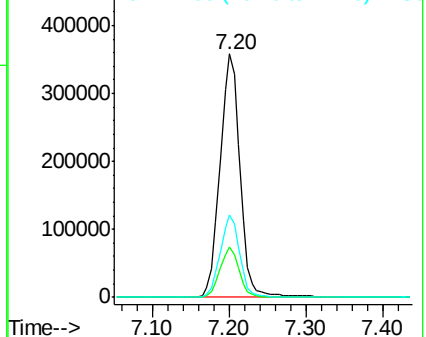
99 100

42 20.7 16.2 24.2

71 33.8 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: 15.059 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.38 min

Lab File: BG040503.D

Acq: 16 Apr 2019 14:34

Tgt Ion: 70 Resp: 48963

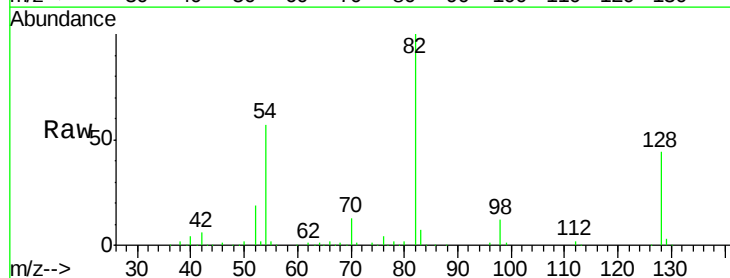
Ion Ratio Lower Upper

70 100

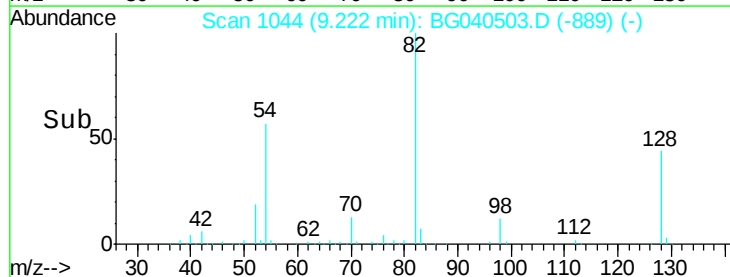
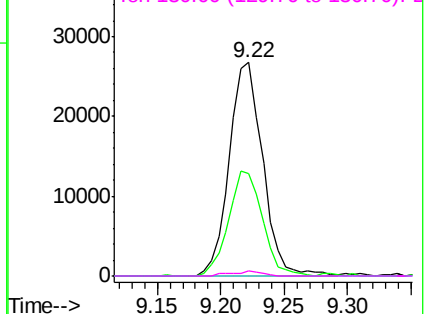
42 47.8 54.0 81.0#

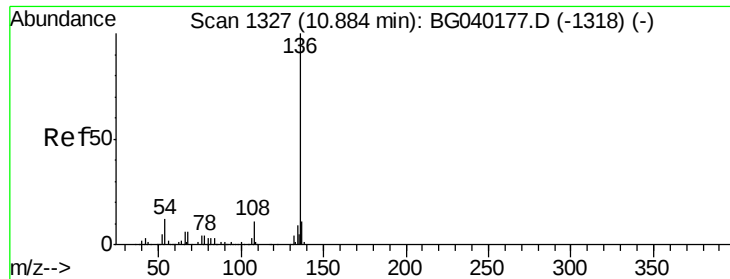
101 0.0 8.6 13.0#

130 2.2 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# 1322

Delta R.T. -0.00 min

Lab File: BG040503.D

Acq: 16 Apr 2019 14:34

Instrument :

BNA_G

ClientSampleId :

TP3-A

Tgt Ion:136 Resp: 219559

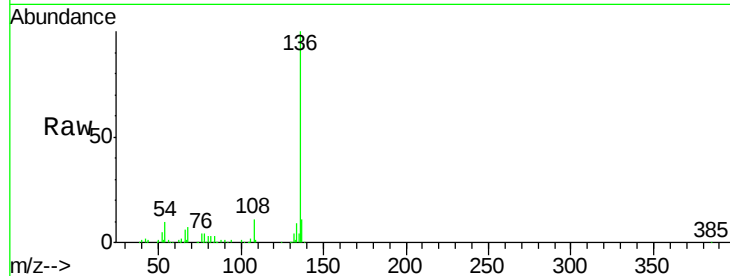
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 10.2 9.6 14.4

68 6.8 5.1 7.7

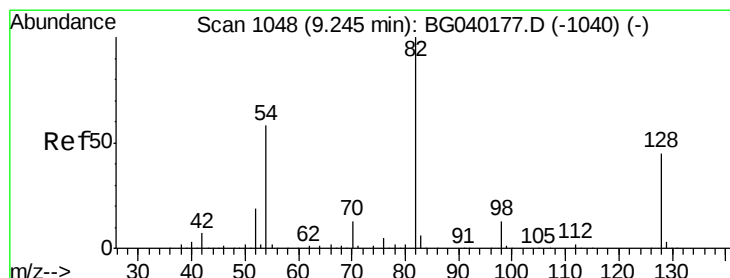
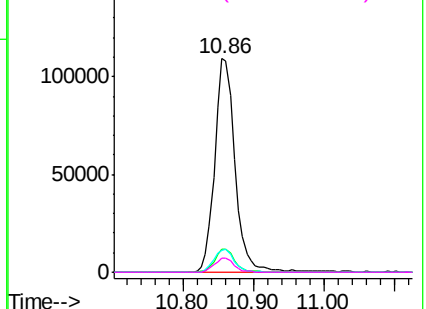
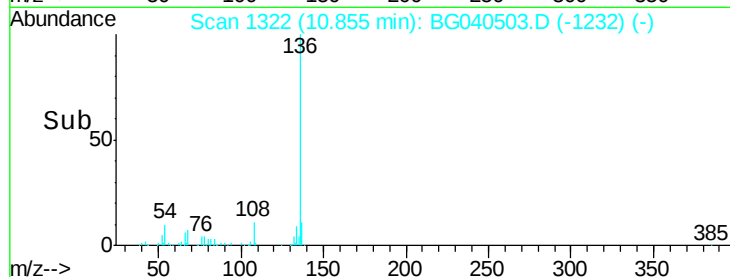


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.538 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BG040503.D

Acq: 16 Apr 2019 14:34

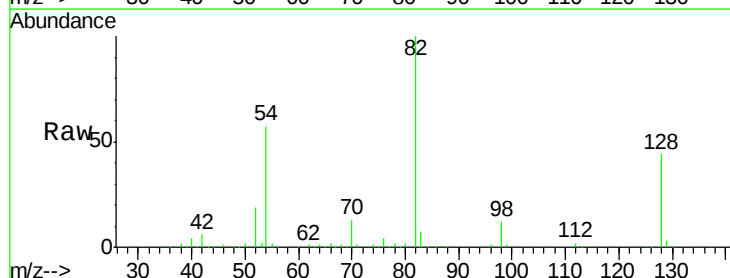
Tgt Ion: 82 Resp: 382245

Ion Ratio Lower Upper

82 100

128 43.9 35.8 53.8

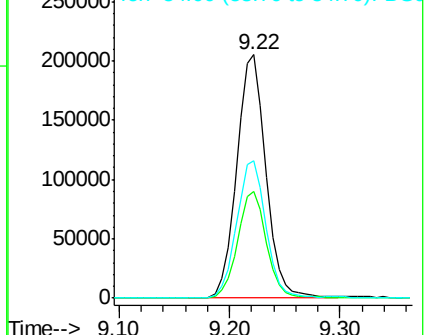
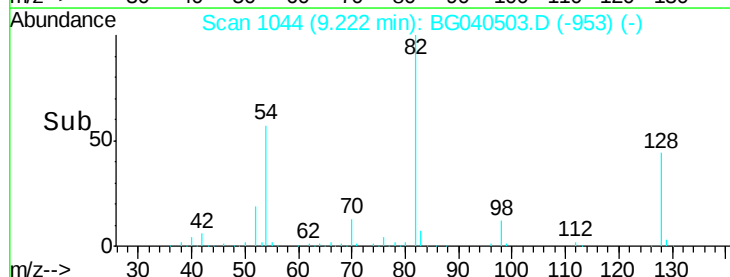
54 56.5 46.2 69.2

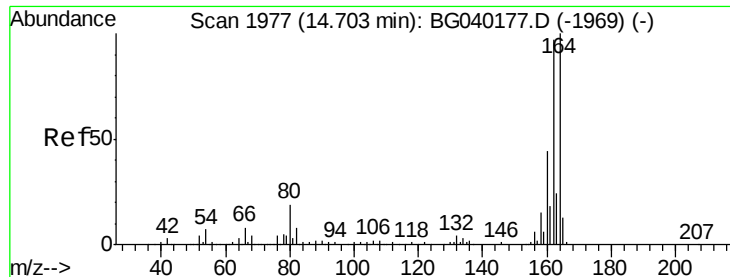


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG040503.D

Acq: 16 Apr 2019 14:34

Instrument :

BNA_G

ClientSampleId :

TP3-A

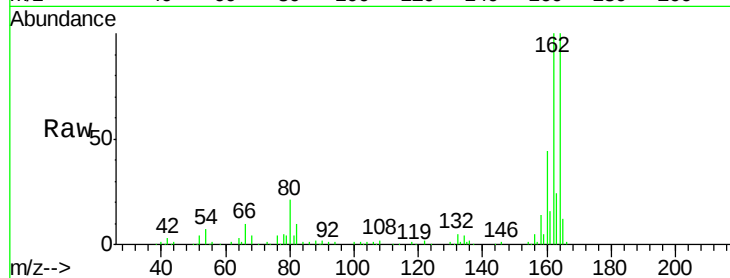
Tgt Ion:164 Resp: 141006

Ion Ratio Lower Upper

164 100

162 99.9 77.4 116.2

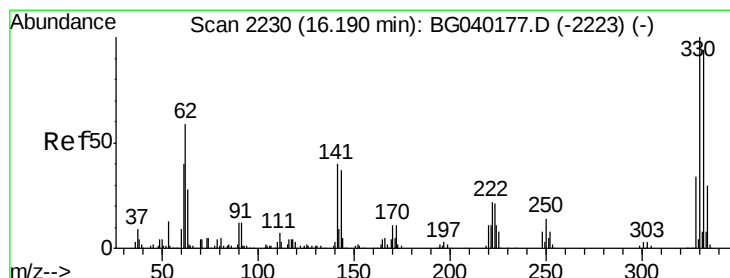
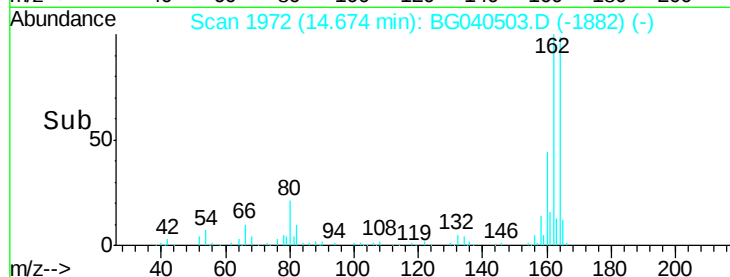
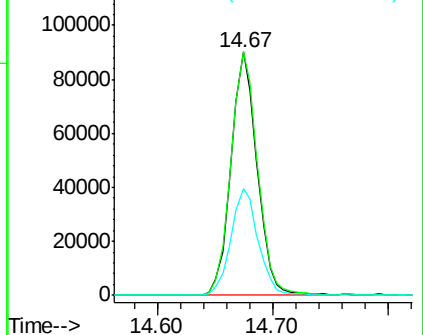
160 43.6 35.3 52.9



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: 152.917 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG040503.D

Acq: 16 Apr 2019 14:34

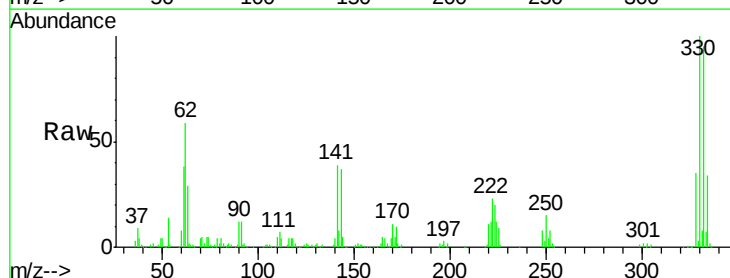
Tgt Ion:330 Resp: 233031

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

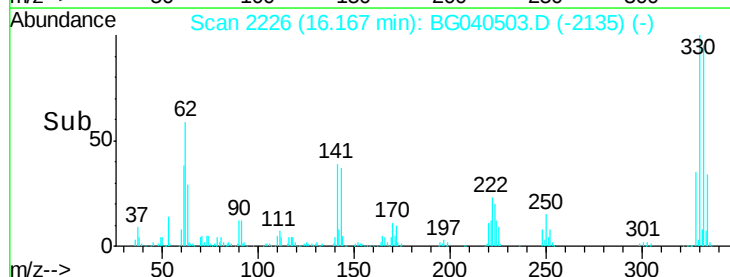
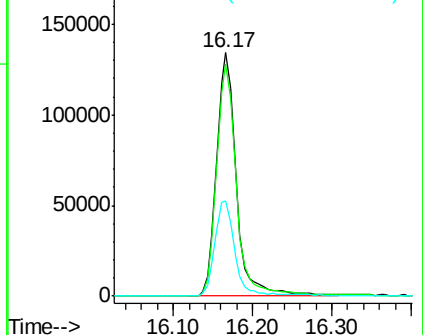
141 39.4 32.6 48.8

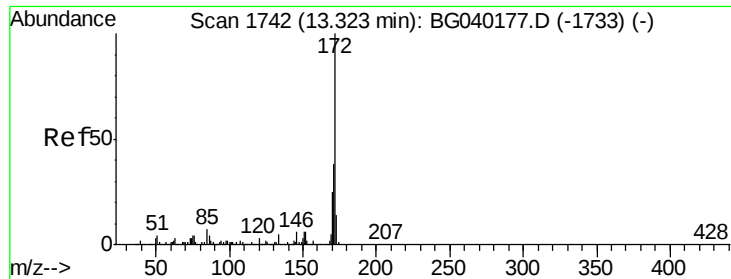


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

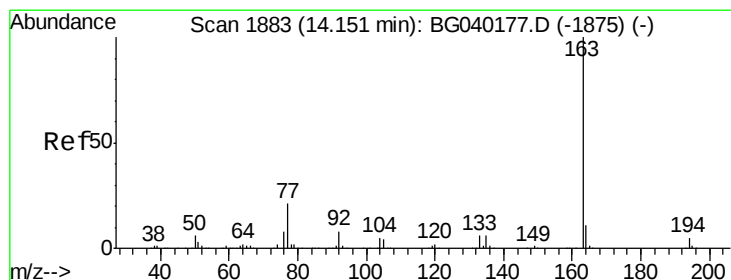
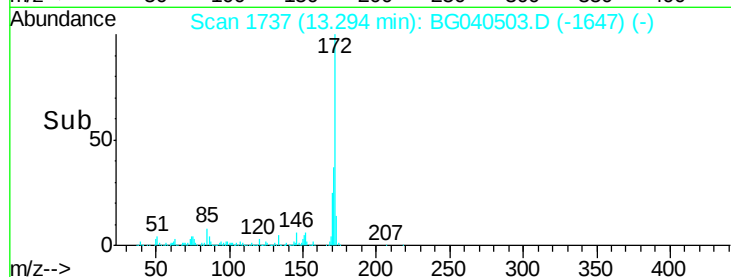
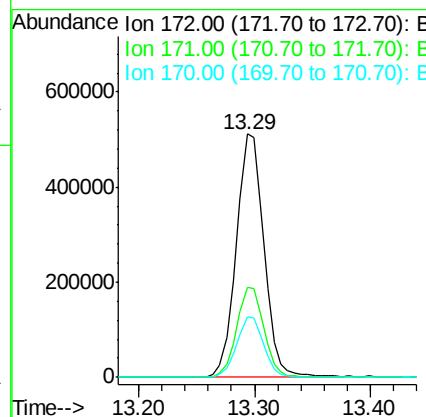
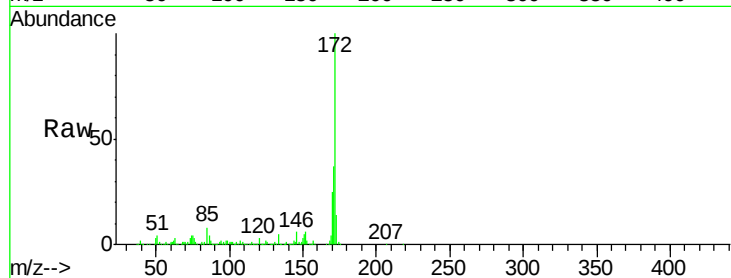




#45
2-Fluorobiphenyl
Concen: 89.388 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG040503.D
Acq: 16 Apr 2019 14:34

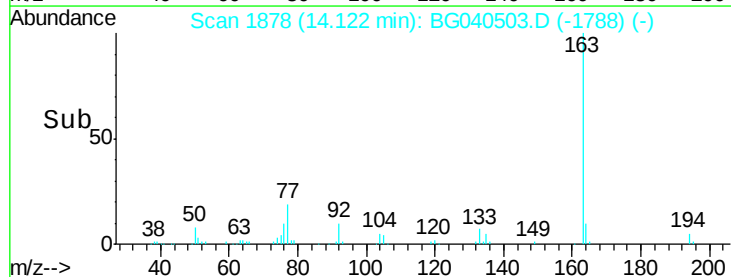
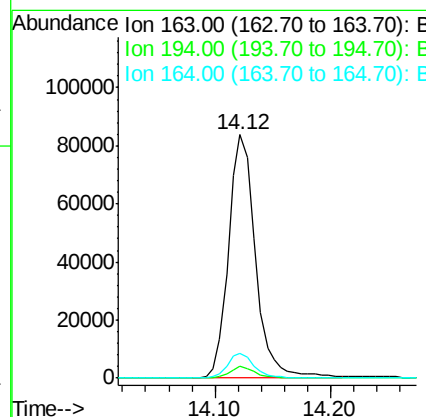
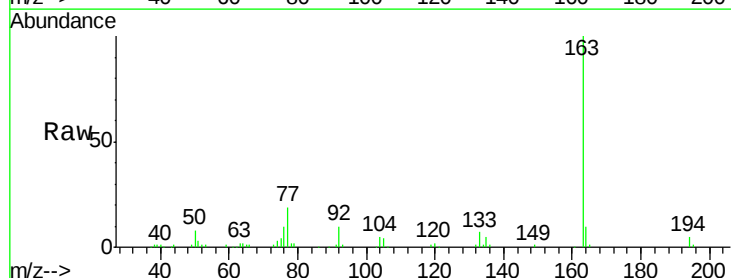
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TP3-A

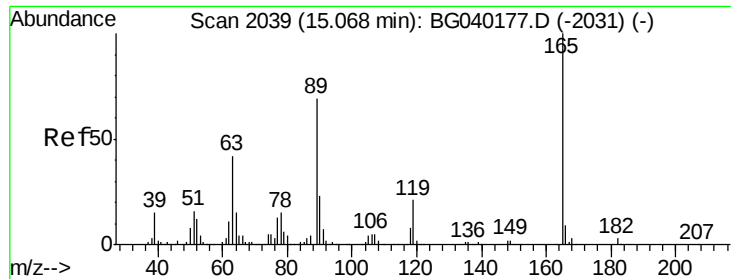
Tgt Ion:172 Resp: 850625
Ion Ratio Lower Upper
172 100
171 36.9 30.5 45.7
170 24.8 20.1 30.1



#50
Dimethylphthalate
Concen: 12.341 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG040503.D
Acq: 16 Apr 2019 14:34

Tgt Ion:163 Resp: 136194
Ion Ratio Lower Upper
163 100
194 5.1 4.1 6.1
164 10.2 8.6 13.0

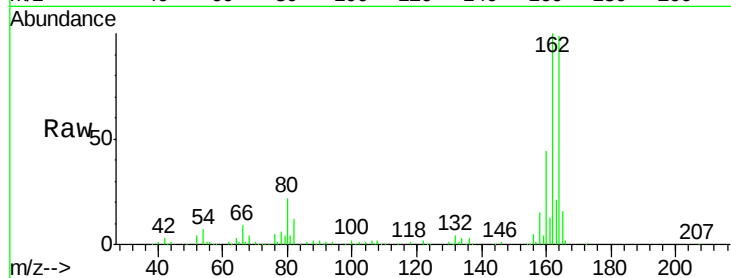




#57
 2,4-Dinitrotoluene
 Concen: 5.397 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.37 min
 Lab File: BG040503.D
 Acq: 16 Apr 2019 14:34

Instrument :
 BNA_G
 ClientSampleId :
 TP3-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.8	50.6#
89	1.6	55.4	83.2#
182	0.0	2.2	3.4#

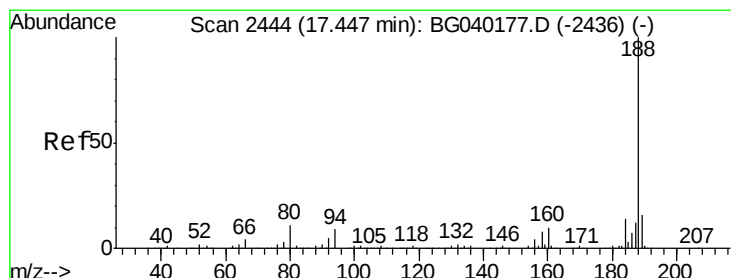
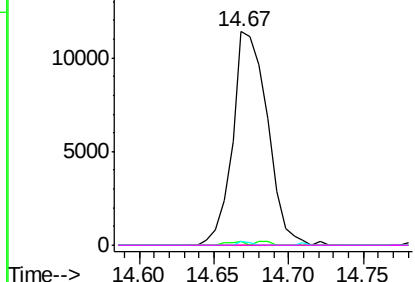
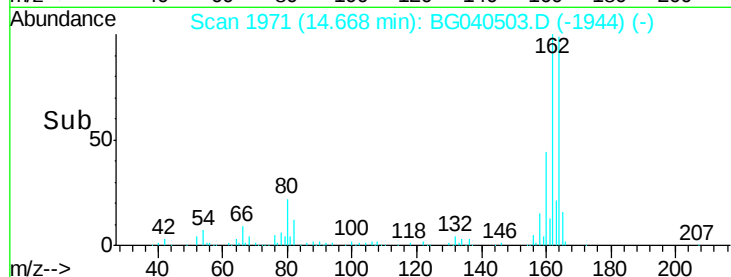


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

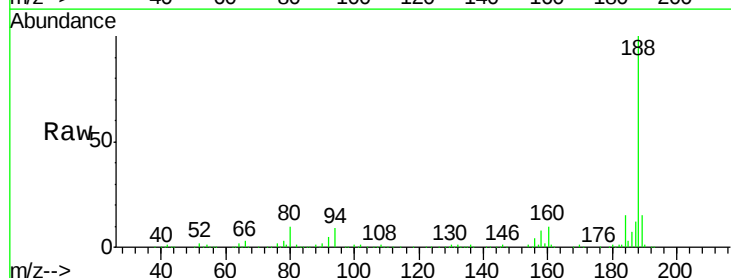
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG040503.D
 Acq: 16 Apr 2019 14:34

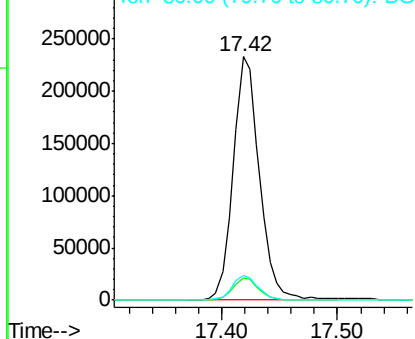
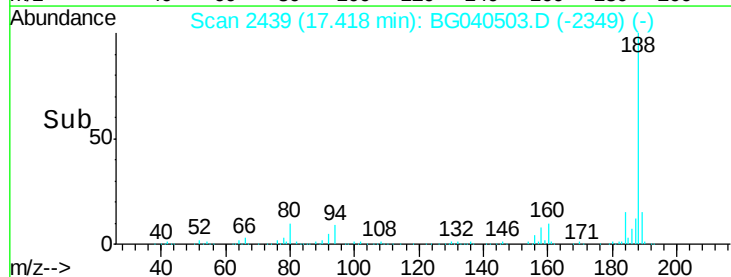
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	10.1	8.6	13.0



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

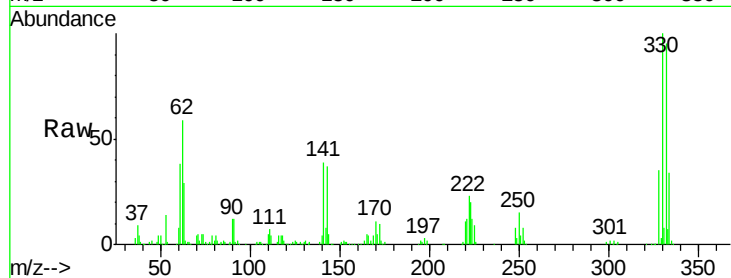




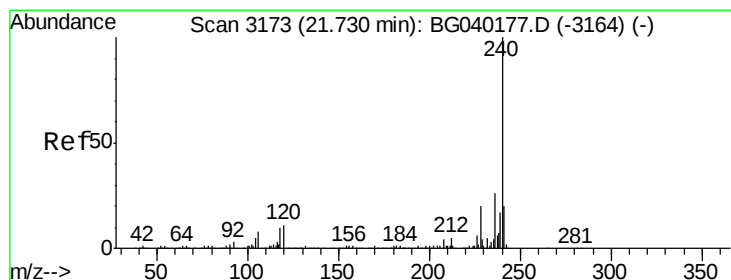
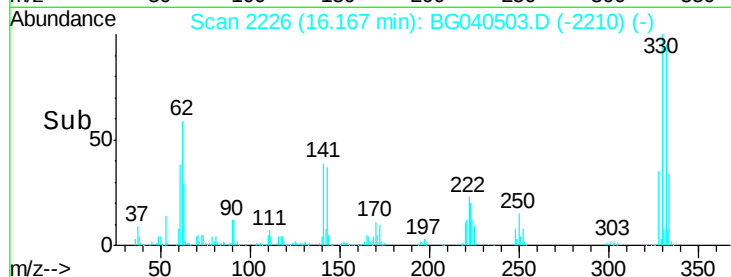
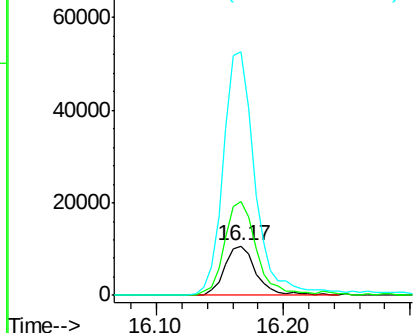
#67
 4-Bromophenyl-phenylether
 Concen: 4.484 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.44 min
 Lab File: BG040503.D
 Acq: 16 Apr 2019 14:34

Instrument :
 BNA_G
 ClientSampleId :
 TP3-A

Tgt Ion:248 Resp: 18457
 Ion Ratio Lower Upper
 248 100
 250 189.9 76.4 114.6#
 141 494.0 53.8 80.8#

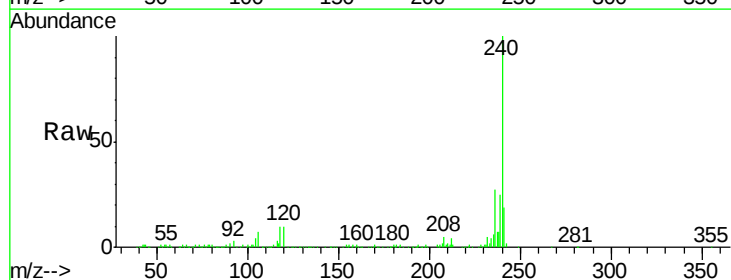


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

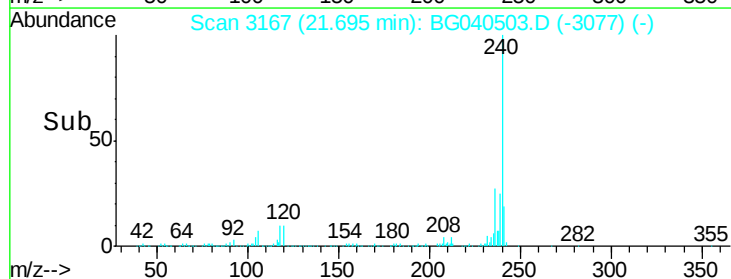
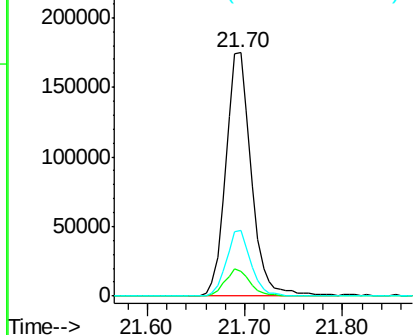


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG040503.D
 Acq: 16 Apr 2019 14:34

Tgt Ion:240 Resp: 317592
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 27.1 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: 93.443 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040503.D

Acq: 16 Apr 2019 14:34

Instrument :

BNA_G

ClientSampleId :

TP3-A

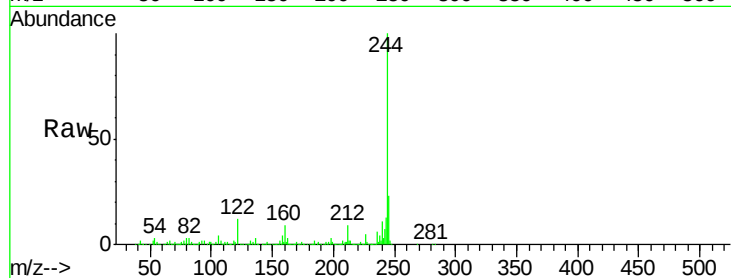
Tgt Ion:244 Resp: 1319165

Ion Ratio Lower Upper

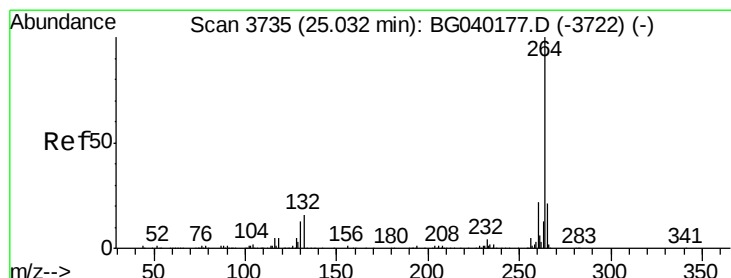
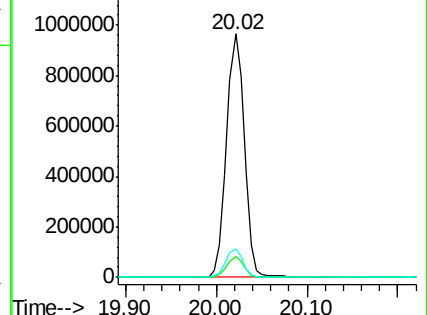
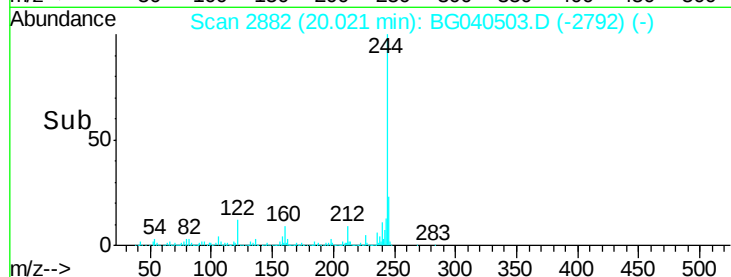
244 100

212 8.8 7.0 10.6

122 11.9 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. 0.01 min

Lab File: BG040503.D

Acq: 16 Apr 2019 14:34

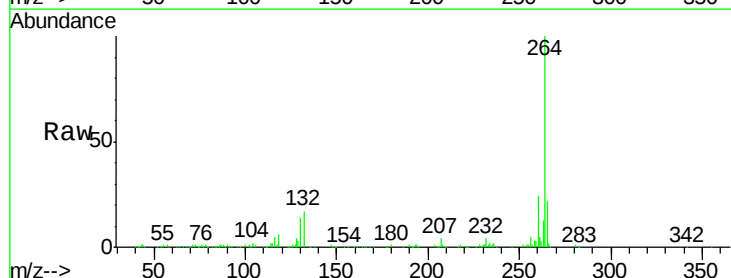
Tgt Ion:264 Resp: 345372

Ion Ratio Lower Upper

264 100

260 23.9 17.9 26.9

265 22.0 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

