

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040919\
 Data File : BG040403.D
 Acq On : 9 Apr 2019 17:45
 Operator : JU/SJ
 Sample : K2338-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 00:52:01 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

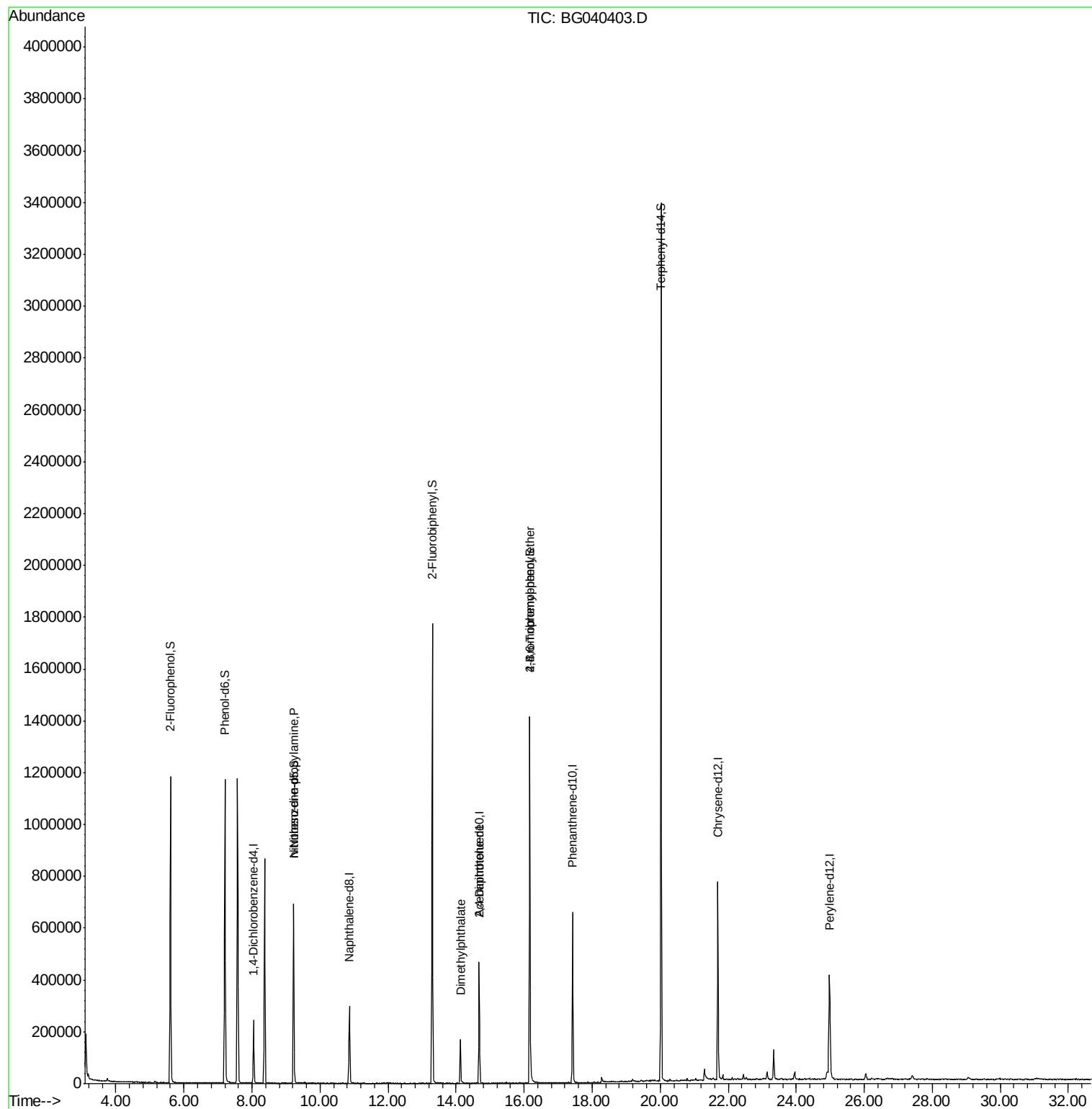
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	68439	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	271315	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	166007	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	427532	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	456319	20.00	ng	-0.03
87) Perylene-d12	24.98	264	451008	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	520985	126.55	ng	-0.02
7) Phenol-d6	7.20	99	730435	128.38	ng	-0.02
23) Nitrobenzene-d5	9.22	82	430956	84.43	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	258390	144.02	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	948355	84.65	ng	-0.02
79) Terphenyl-d14	20.03	244	1570625	77.43	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	53276	13.060	ng	# 71
50) Dimethylphthalate	14.13	163	131095	10.090	ng	# 99
57) 2,4-Dinitrotoluene	14.68	165	21017	5.185	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	19997	4.156	ng	# 1

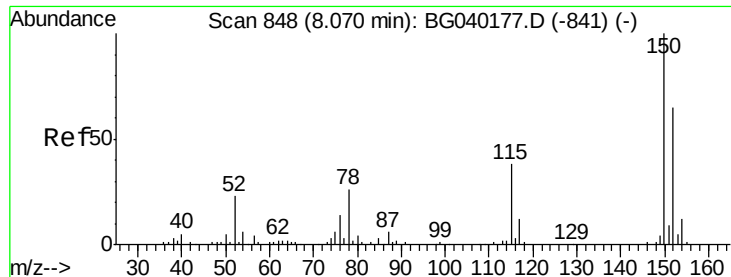
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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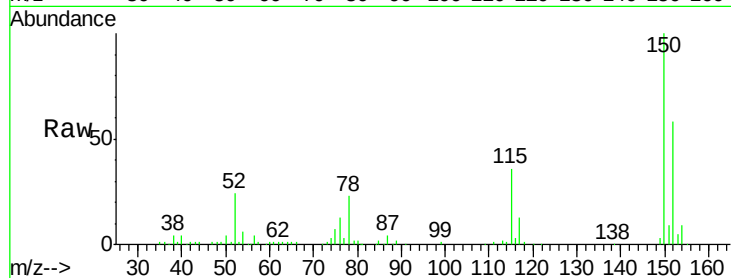


#1

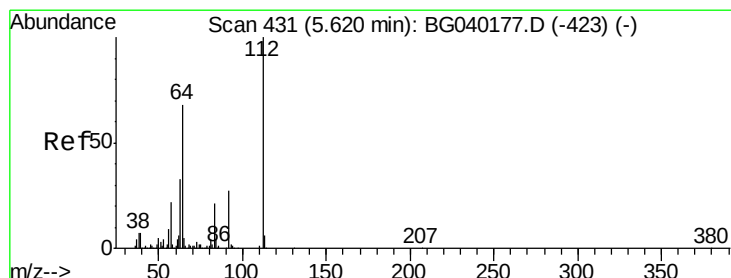
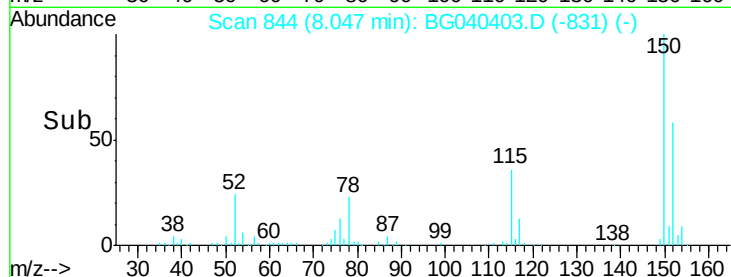
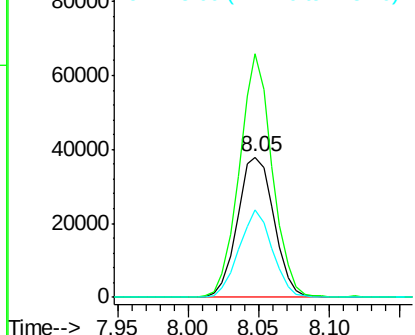
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040403.D
Acq: 9 Apr 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 68439
Ion Ratio Lower Upper
152 100
150 173.6 123.7 185.5
115 62.2 46.9 70.3



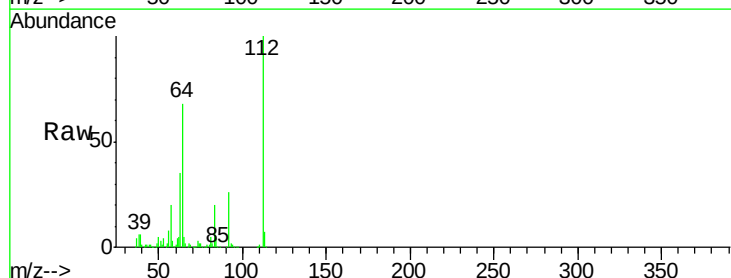
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



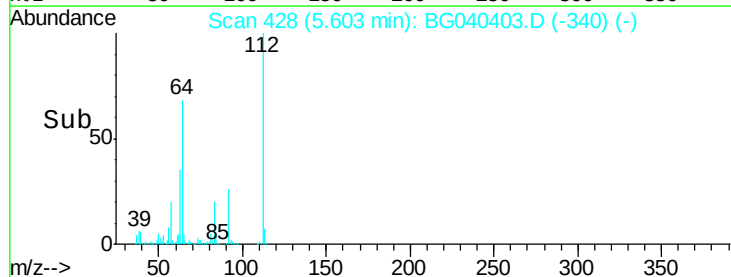
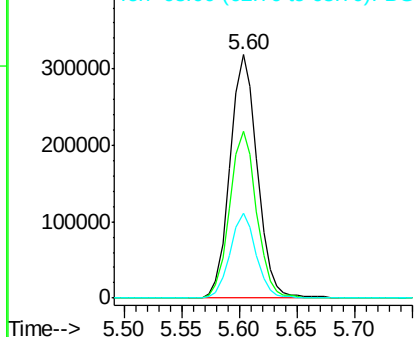
#5

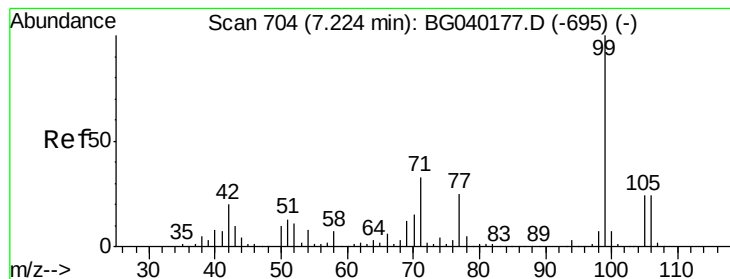
2-Fluorophenol
Concen: 126.549 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040403.D
Acq: 9 Apr 2019 17:45

Tgt Ion:112 Resp: 520985
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.2
63 34.8 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 128.382 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040403.D

Acq: 9 Apr 2019 17:45

Instrument :

BNA_G

ClientSampled :

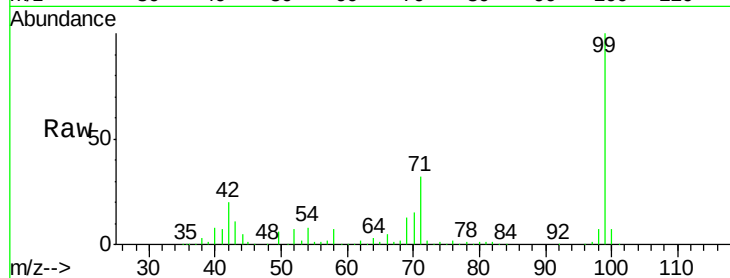
Tot Ion: 99 Resp: 730435

Ion Ratio Lower Upper

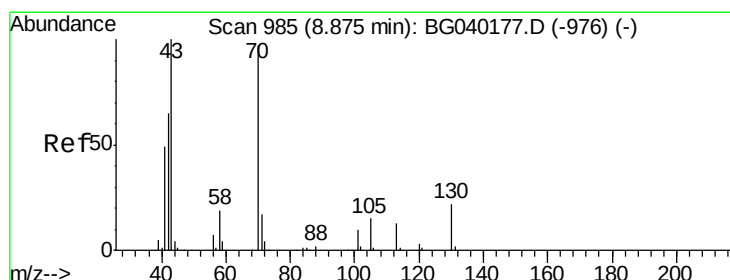
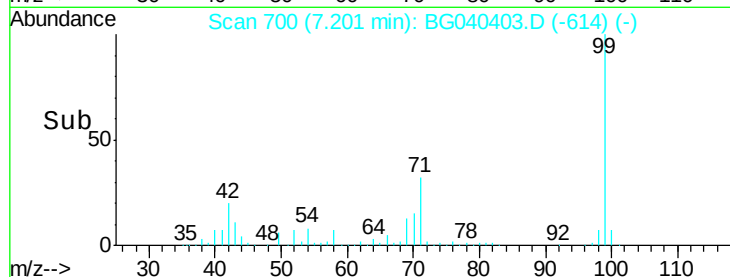
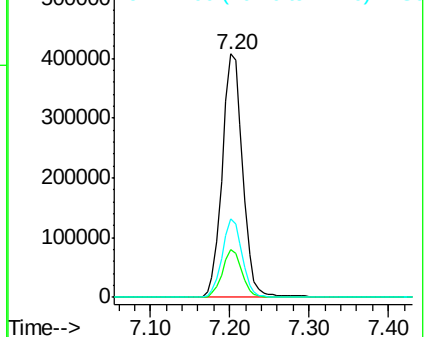
99 100

42 19.8 16.2 24.2

71 32.3 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: 13.060 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040403.D

Acq: 9 Apr 2019 17:45

Tgt Ion: 70 Resp: 53276

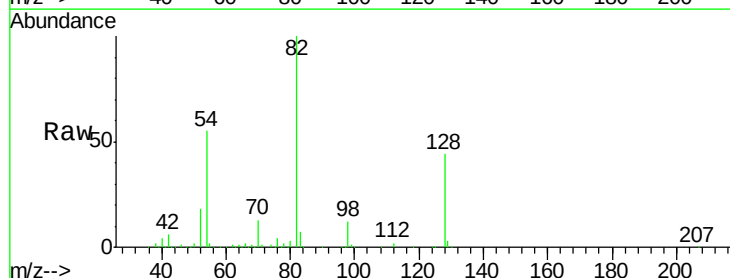
Ion Ratio Lower Upper

70 100

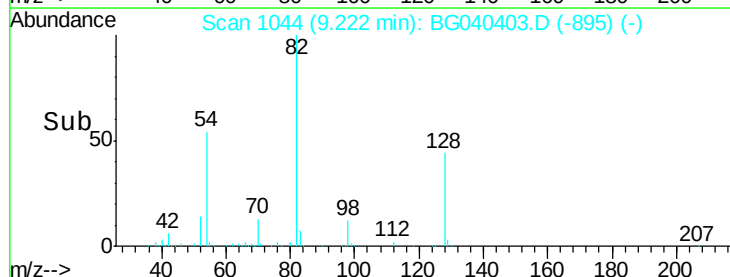
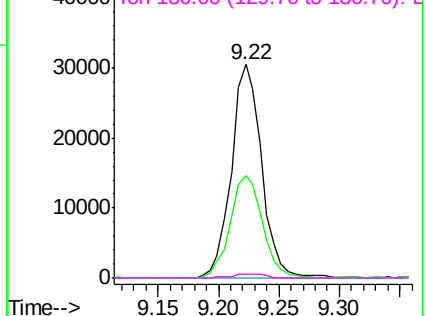
42 47.9 54.0 81.0#

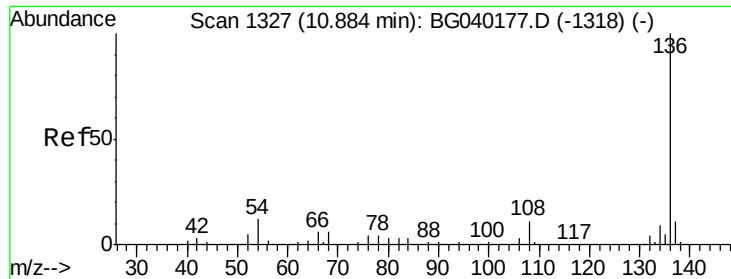
101 0.0 8.6 13.0#

130 2.0 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

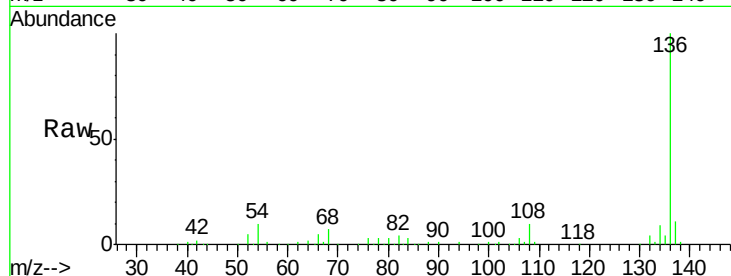




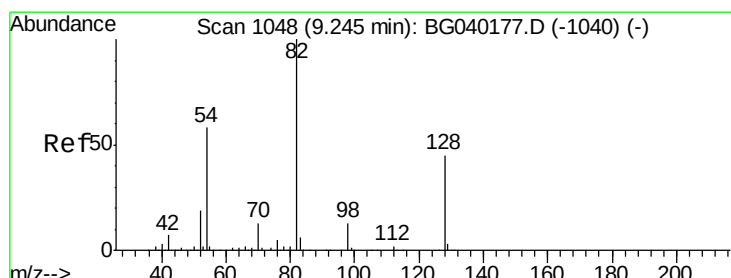
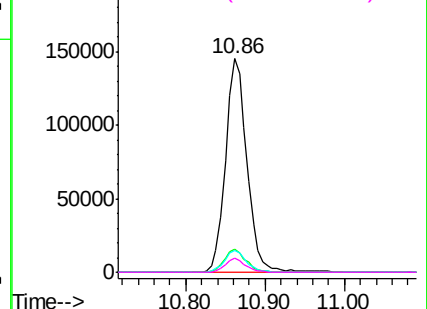
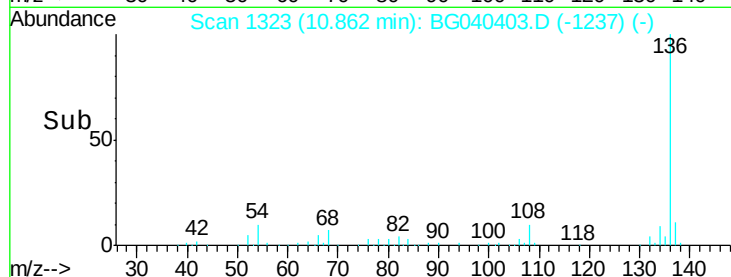
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040403.D
Acq: 9 Apr 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	271315
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 10.3	9.6	14.4
68 6.8	5.1	7.7

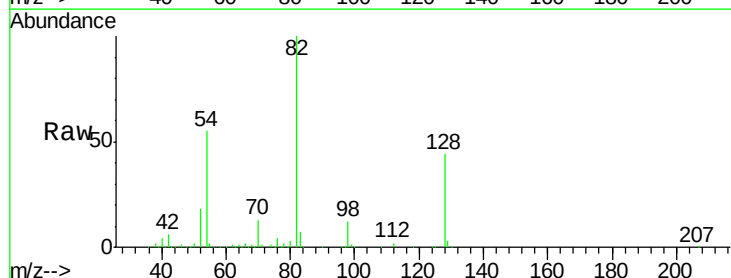


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

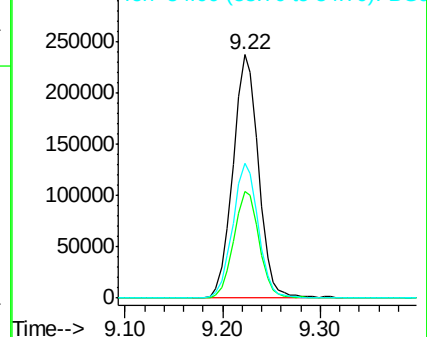
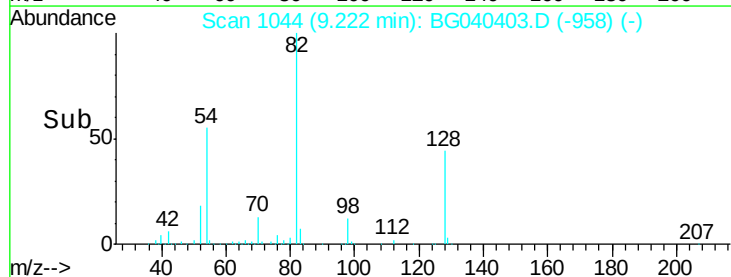


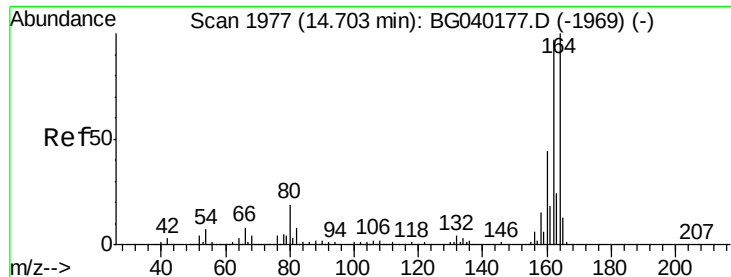
#23
Nitrobenzene-d5
Concen: 84.429 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040403.D
Acq: 9 Apr 2019 17:45

Tgt Ion: 82	Resp: 430956
Ion Ratio	Lower Upper
82 100	
128 44.0	35.8 53.8
54 55.3	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

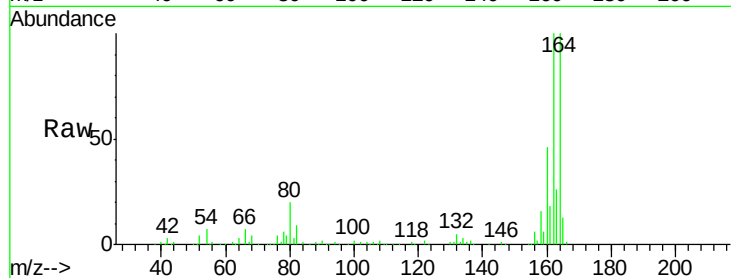




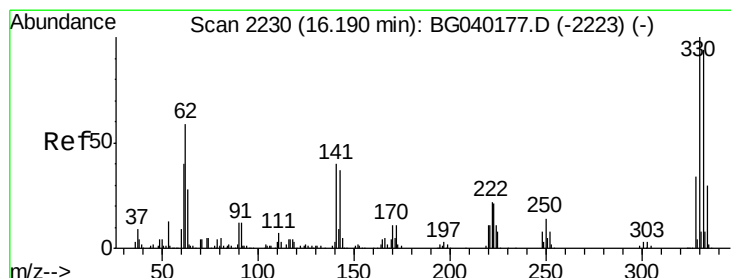
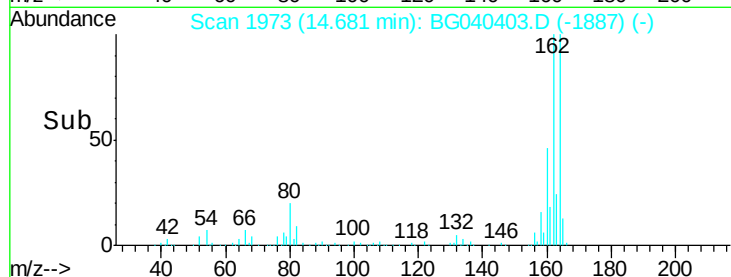
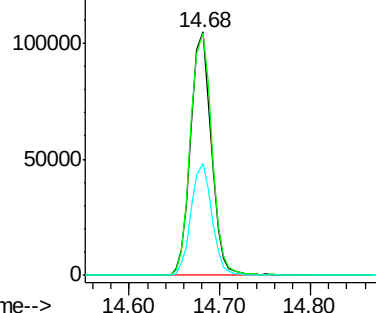
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040403.D
Acq: 9 Apr 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 166007
Ion Ratio Lower Upper
164 100
162 99.5 77.4 116.2
160 45.8 35.3 52.9

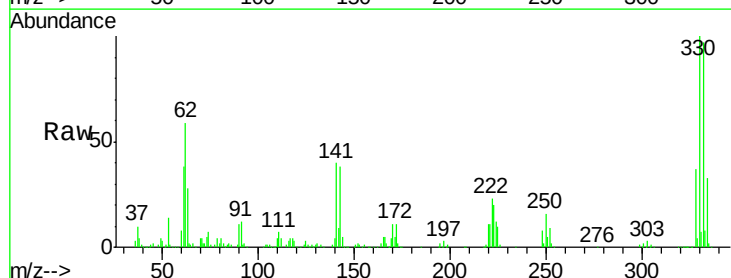


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

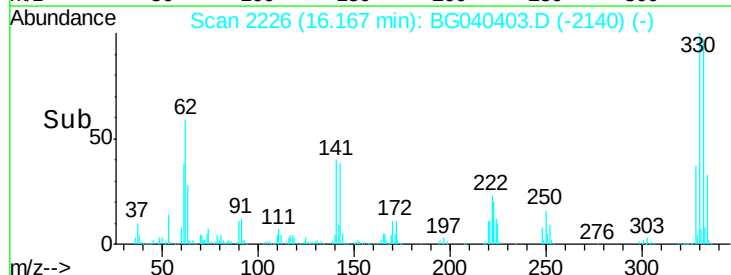
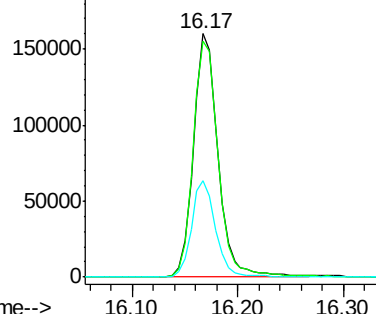


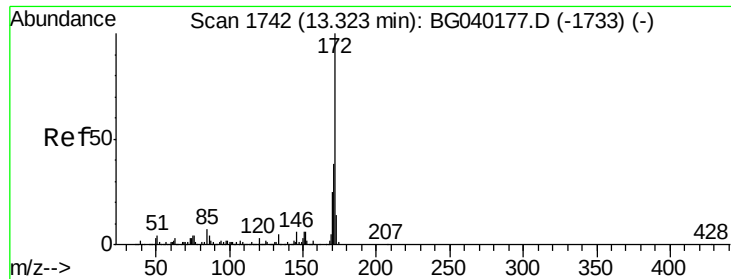
#42
2,4,6-Tribromophenol
Concen: 144.022 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040403.D
Acq: 9 Apr 2019 17:45

Tgt Ion:330 Resp: 258390
Ion Ratio Lower Upper
330 100
332 98.7 76.6 115.0
141 39.2 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

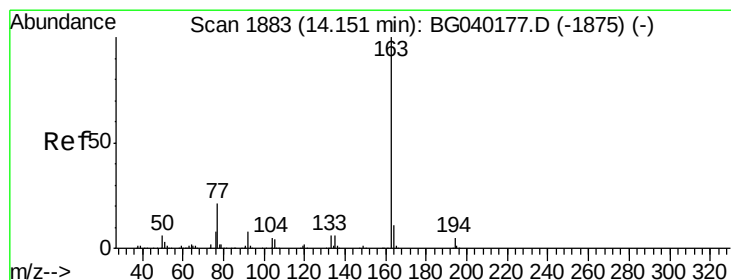
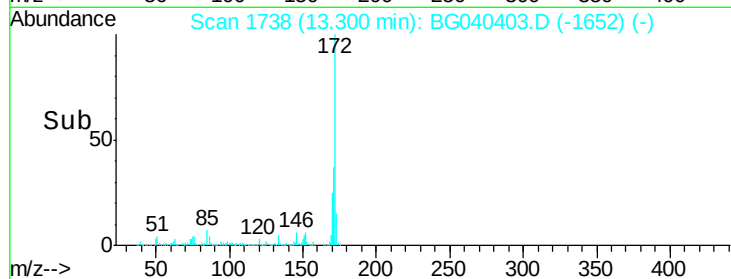
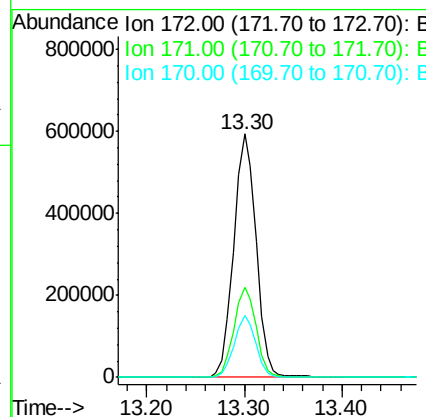
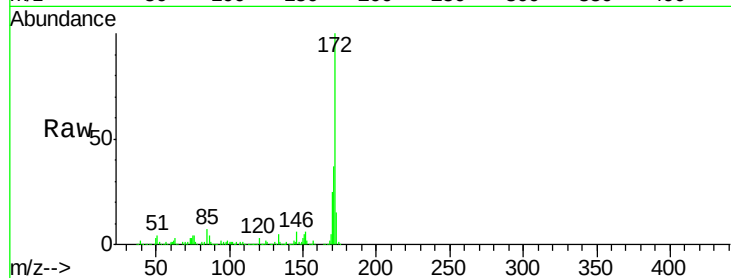




#45
2-Fluorobiphenyl
Concen: 84.649 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040403.D
Acq: 9 Apr 2019 17:45

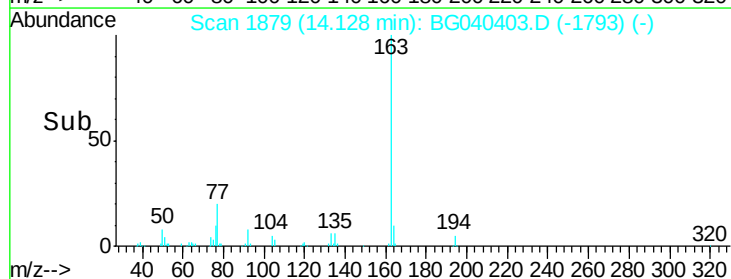
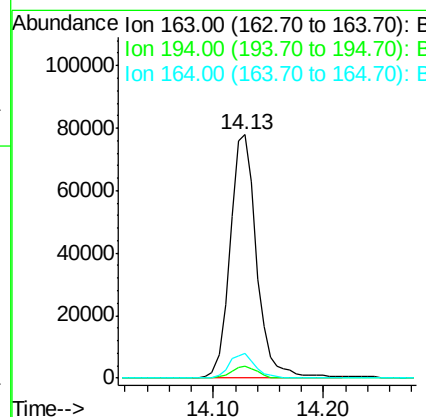
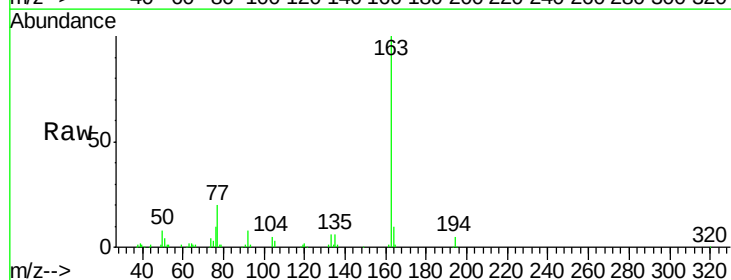
Instrument :
BNA_G
ClientSampleId :

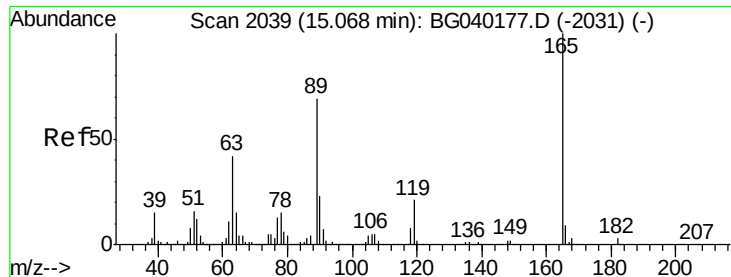
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	25.4	20.1	30.1



#50
Dimethylphthalate
Concen: 10.090 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040403.D
Acq: 9 Apr 2019 17:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.1	6.1
164	10.2	8.6	13.0

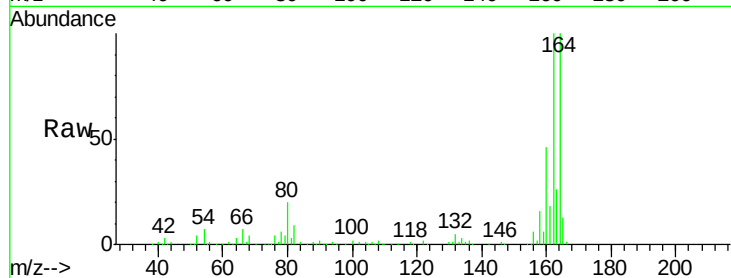




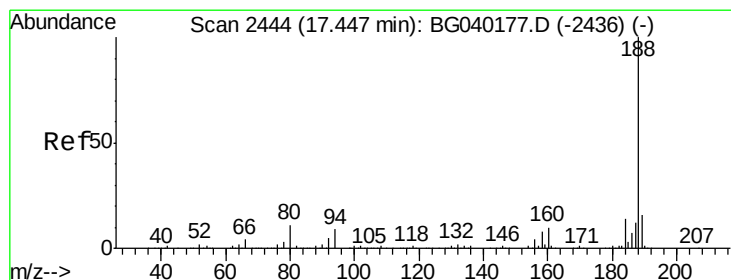
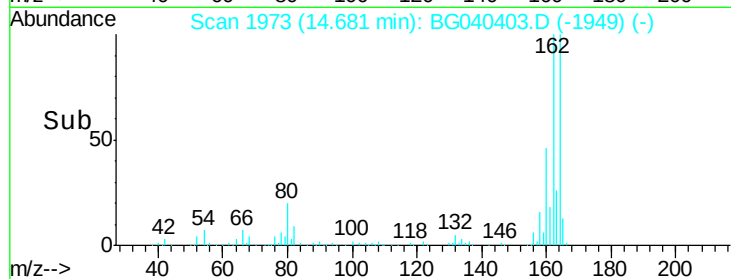
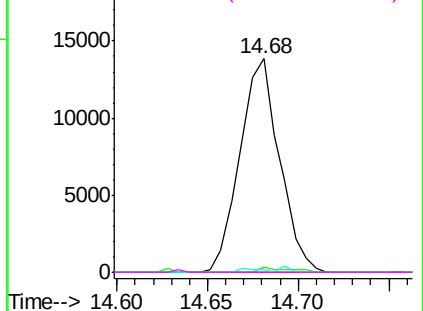
#57
 2,4-Dinitrotoluene
 Concen: 5.185 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040403.D
 Acq: 9 Apr 2019 17:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 21017
 Ion Ratio Lower Upper
 165 100
 63 2.2 33.8 50.6#
 89 1.3 55.4 83.2#
 182 0.0 2.2 3.4#

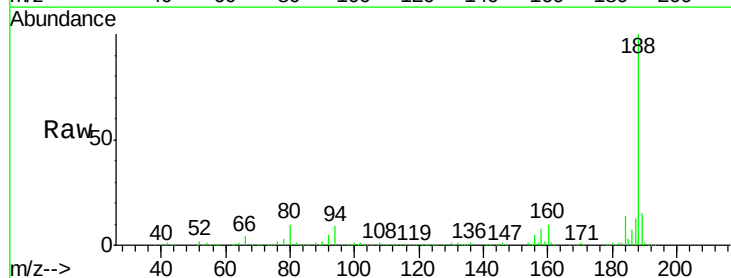


Abundance Ion 165.00 (164.70 to 165.70): E

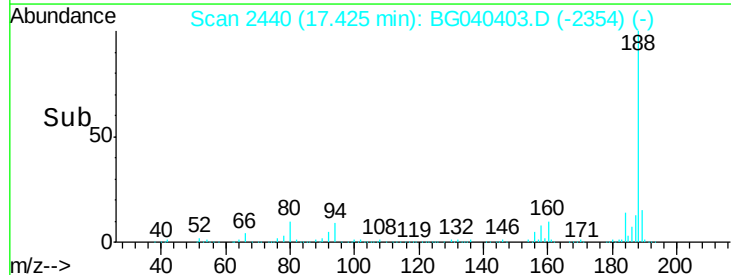
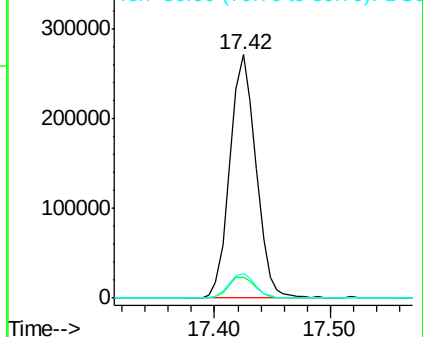


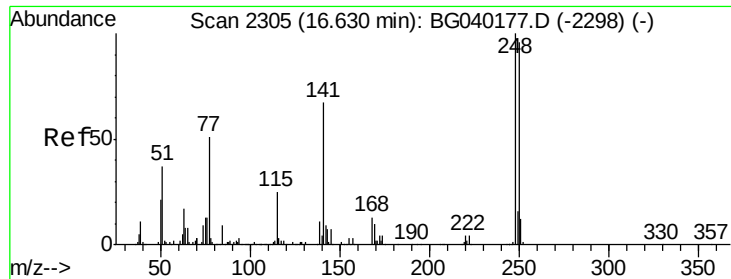
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040403.D
 Acq: 9 Apr 2019 17:45

Tgt Ion:188 Resp: 427532
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.0 10.4
 80 10.0 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

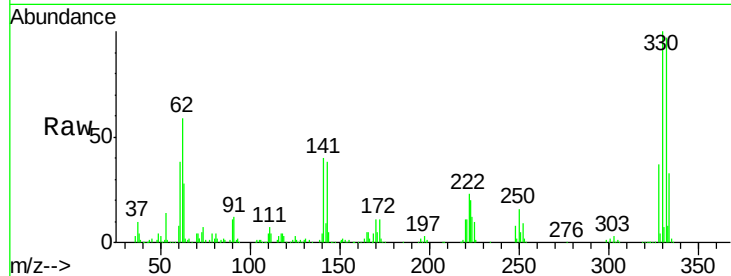




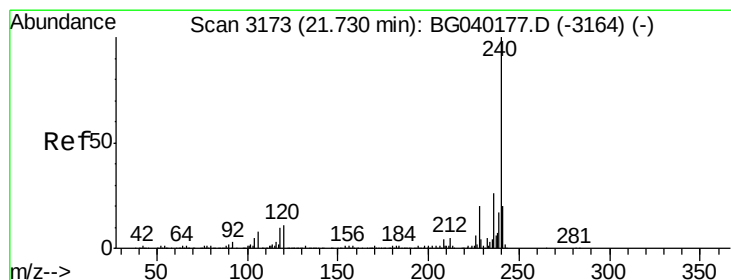
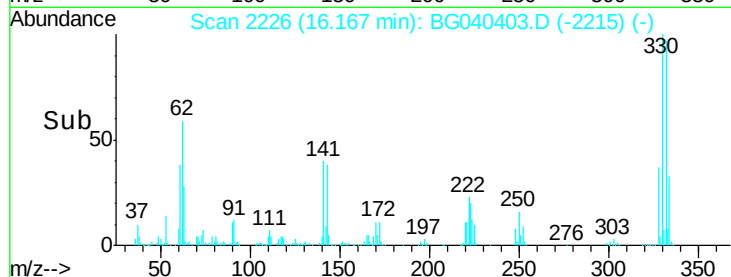
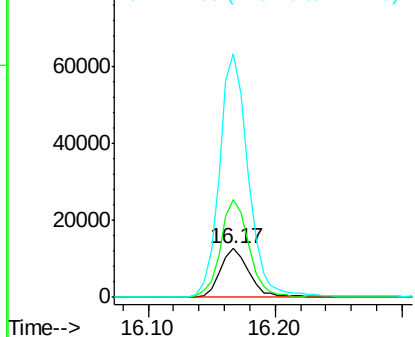
#67
 4-Bromophenyl-phenylether
 Concen: 4.156 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040403.D
 Acq: 9 Apr 2019 17:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 19997
 Ion Ratio Lower Upper
 248 100
 250 201.1 76.4 114.6#
 141 498.5 53.8 80.8#

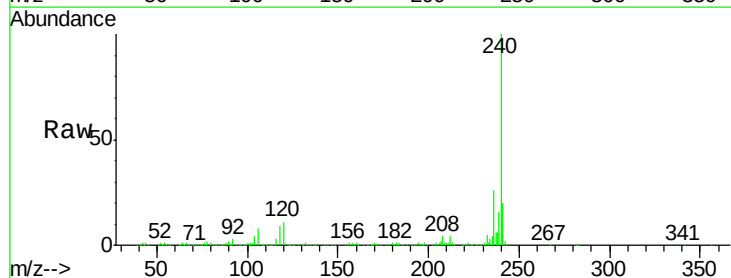


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

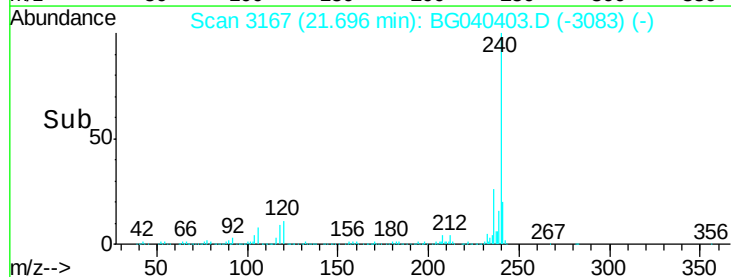
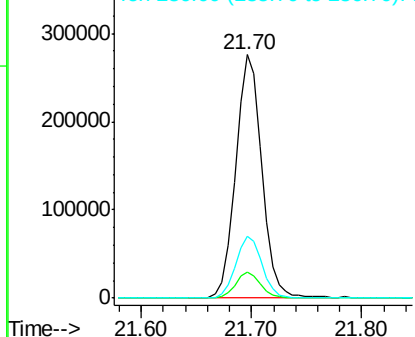


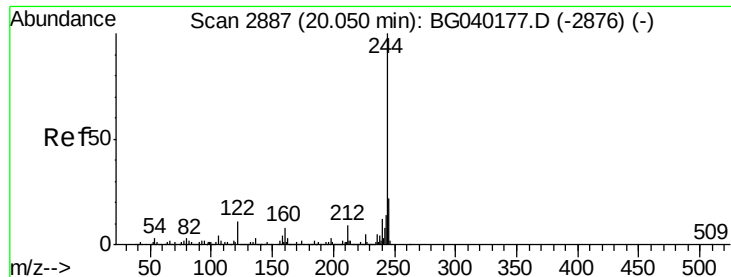
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.03 min
 Lab File: BG040403.D
 Acq: 9 Apr 2019 17:45

Tgt Ion:240 Resp: 456319
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.4 12.6
 236 25.6 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: 77.432 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040403.D

Acq: 9 Apr 2019 17:45

Instrument :

BNA_G

ClientSampled :

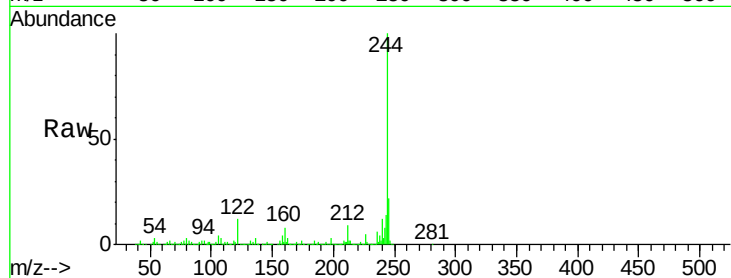
Tot Ion:244 Resp: 1570625

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

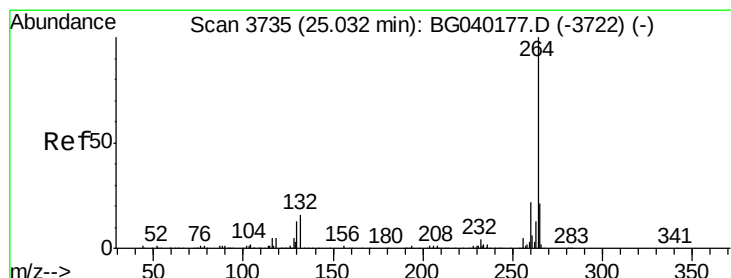
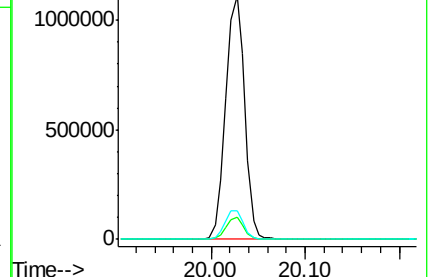
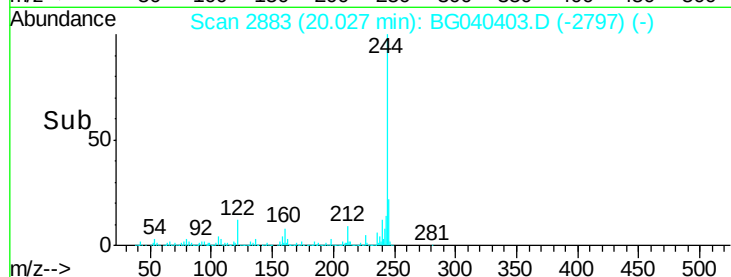
122 11.9 8.5 12.7



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. -0.05 min

Lab File: BG040403.D

Acq: 9 Apr 2019 17:45

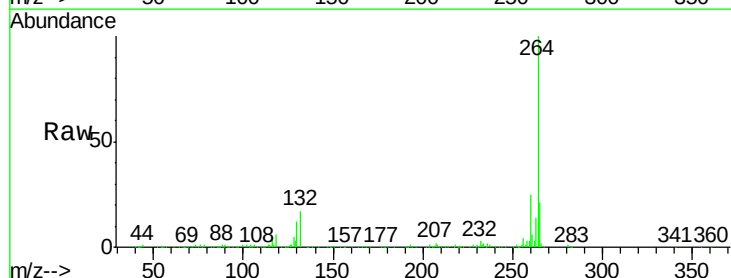
Tgt Ion:264 Resp: 451008

Ion Ratio Lower Upper

264 100

260 24.6 17.9 26.9

265 20.8 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

