

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040419\
 Data File : BG040374.D
 Acq On : 5 Apr 2019 00:39
 Operator : JU/SJ
 Sample : K2240-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 01:22:34 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

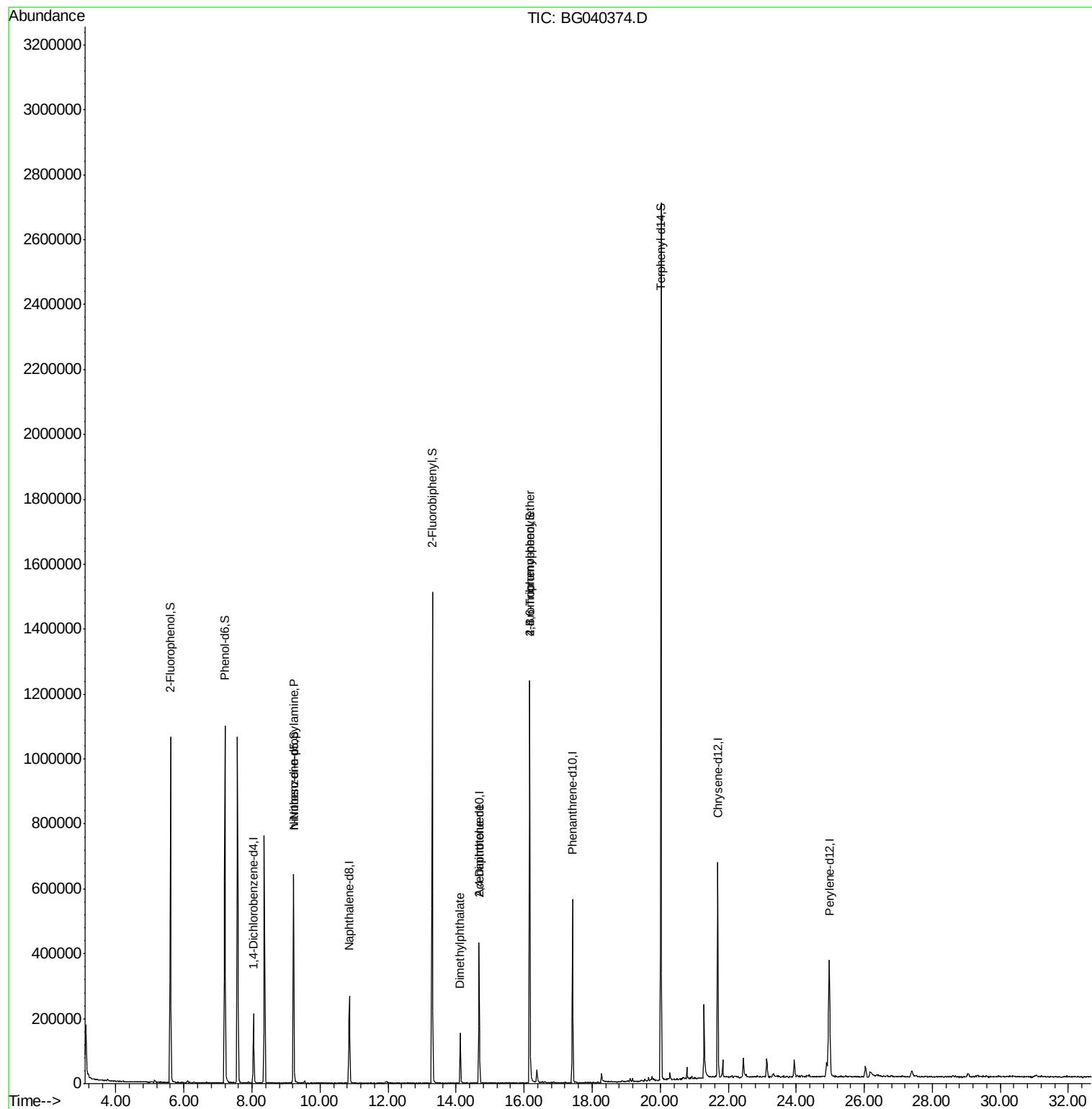
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62095	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	245441	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	150763	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	360287	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	404896	20.00	ng	-0.04
87) Perylene-d12	24.97	264	413279	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	475539	127.31	ng	-0.02
7) Phenol-d6	7.20	99	663851	128.60	ng	-0.02
23) Nitrobenzene-d5	9.22	82	392490	85.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	230753	141.62	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	827899	81.37	ng	-0.02
79) Terphenyl-d14	20.02	244	1270700	70.60	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	49301	13.320	ng	# 73
50) Dimethylphthalate	14.12	163	112441	9.529	ng	# 98
57) 2,4-Dinitrotoluene	14.67	165	19322	5.249	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	17892	4.413	ng	# 1

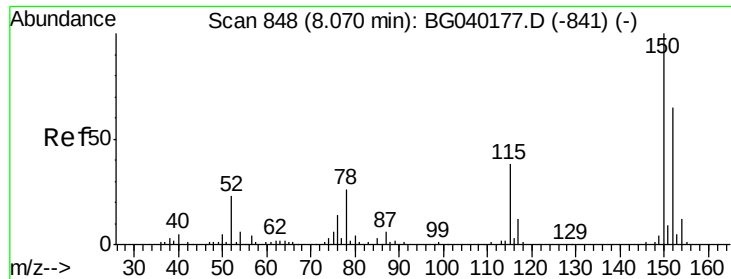
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



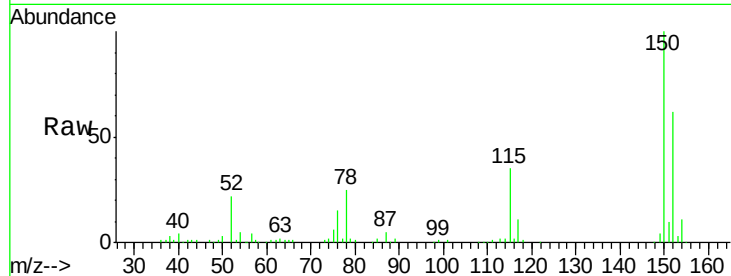


#1

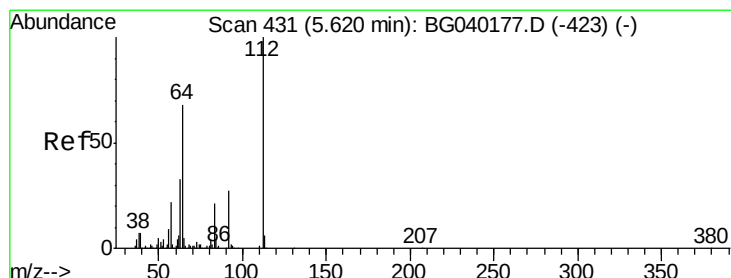
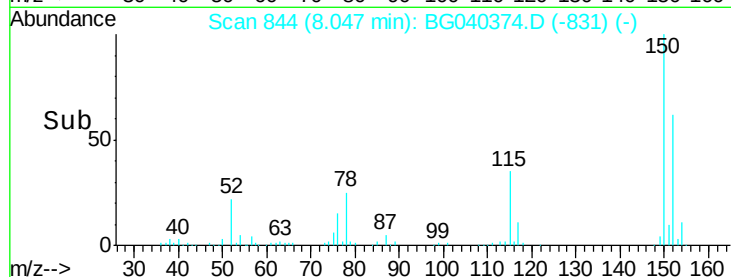
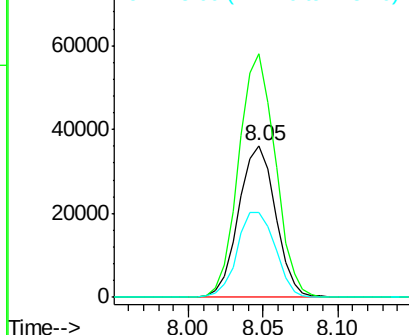
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040374.D
Acq: 5 Apr 2019 00:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62095
Ion Ratio Lower Upper
152 100
150 160.4 123.7 185.5
115 55.6 46.9 70.3



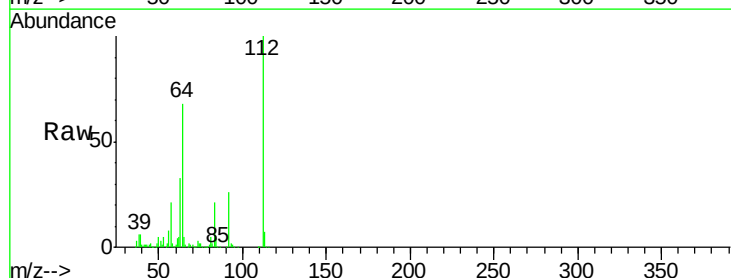
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



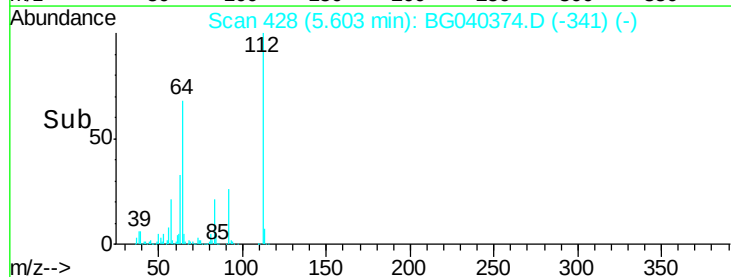
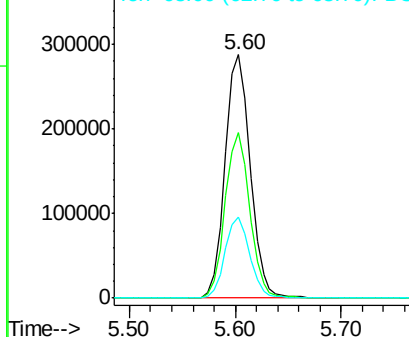
#5

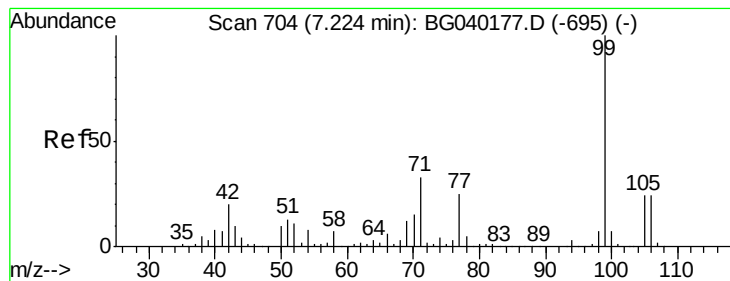
2-Fluorophenol
Concen: 127.312 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040374.D
Acq: 5 Apr 2019 00:39

Tgt Ion:112 Resp: 475539
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.2
63 33.3 26.4 39.6



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





#7

Phenol-d6

Concen: 128.600 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040374.D

Acq: 5 Apr 2019 00:39

Instrument :

BNA_G

ClientSampled :

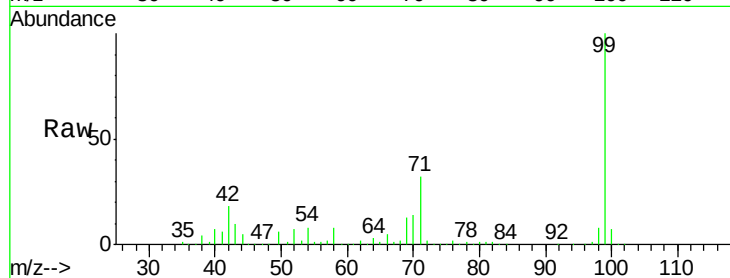
Tot Ion: 99 Resp: 663851

Ion Ratio Lower Upper

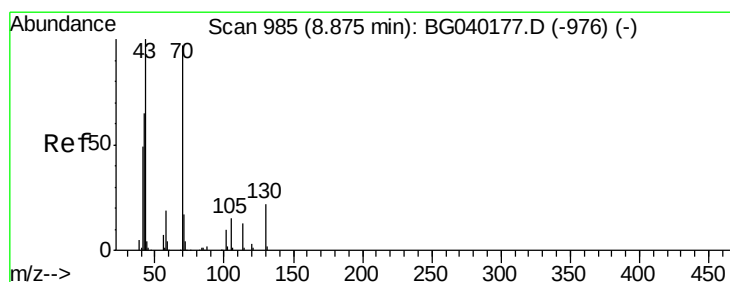
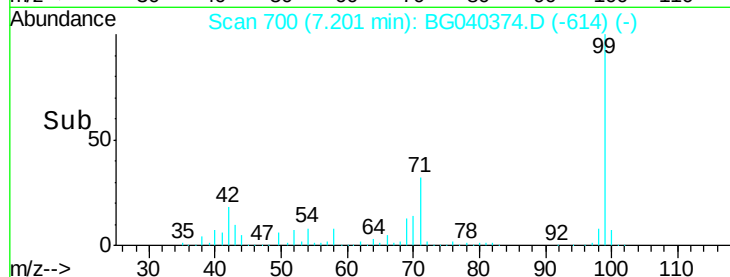
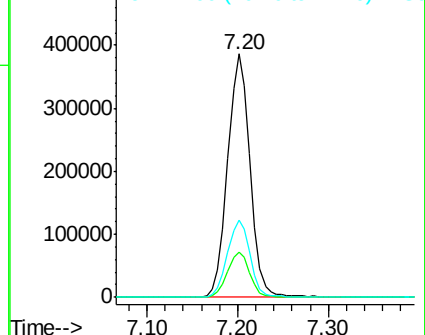
99 100

42 18.4 16.2 24.2

71 31.8 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: 13.320 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040374.D

Acq: 5 Apr 2019 00:39

Tgt Ion: 70 Resp: 49301

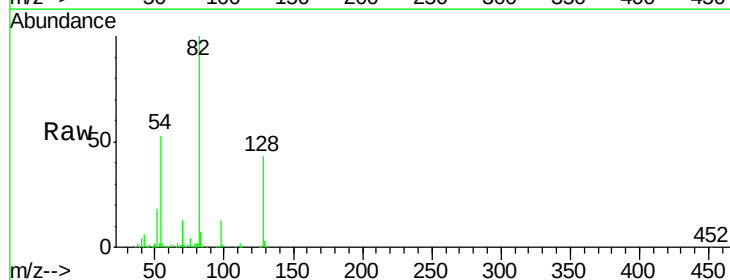
Ion Ratio Lower Upper

70 100

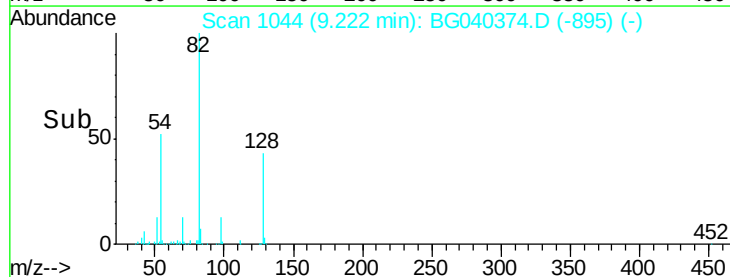
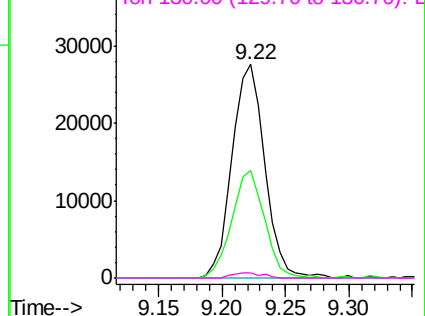
42 50.5 54.0 81.0#

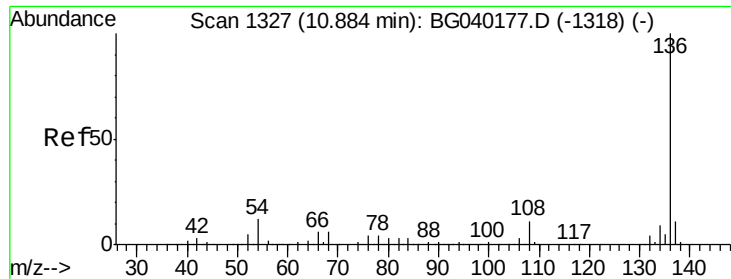
101 0.0 8.6 13.0#

130 2.6 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

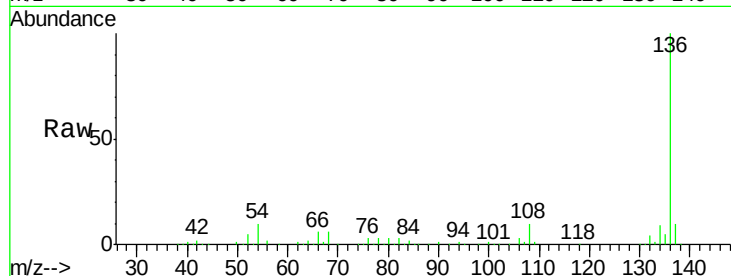




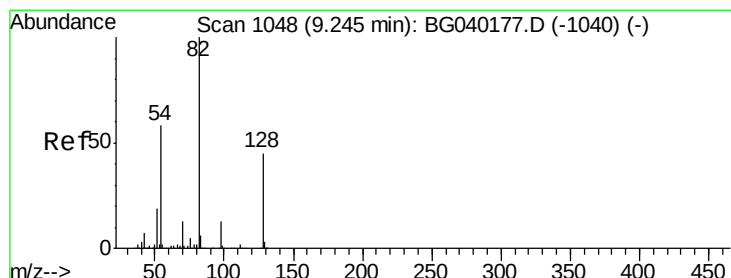
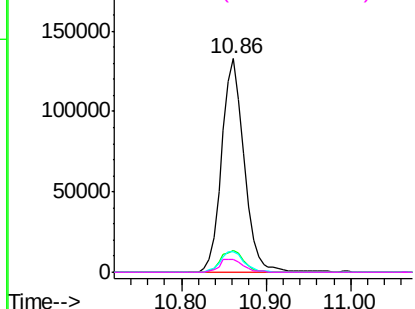
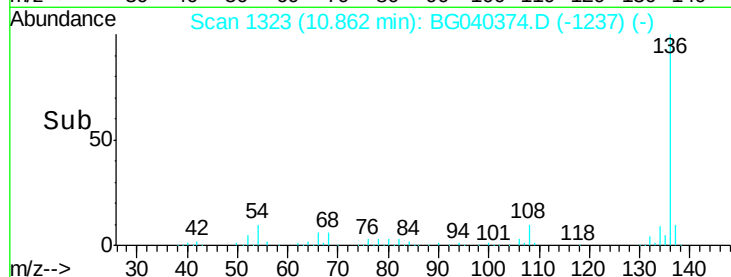
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040374.D
Acq: 5 Apr 2019 00:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	245441
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.9 13.3
54	9.9	9.6 14.4
68	6.0	5.1 7.7

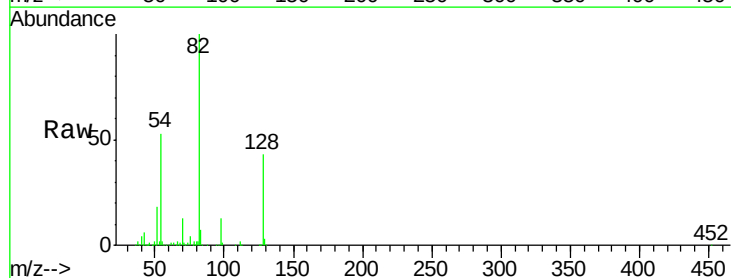


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

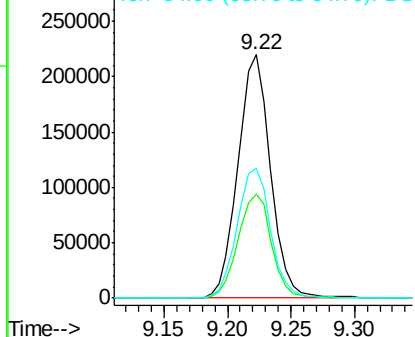
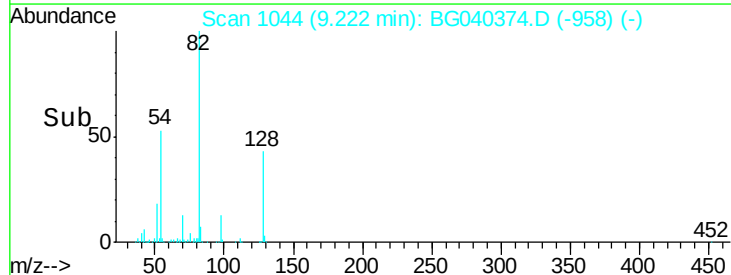


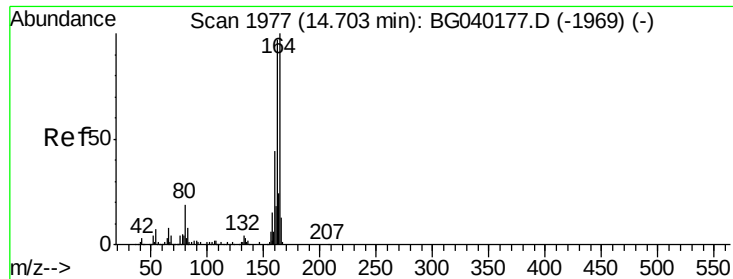
#23
Nitrobenzene-d5
Concen: 84.999 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040374.D
Acq: 5 Apr 2019 00:39

Tgt Ion: 82	Resp:	392490
Ion Ratio	Lower	Upper
82	100	
128	43.0	35.8 53.8
54	53.4	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

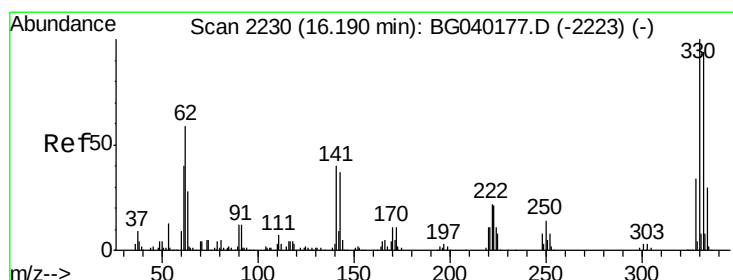
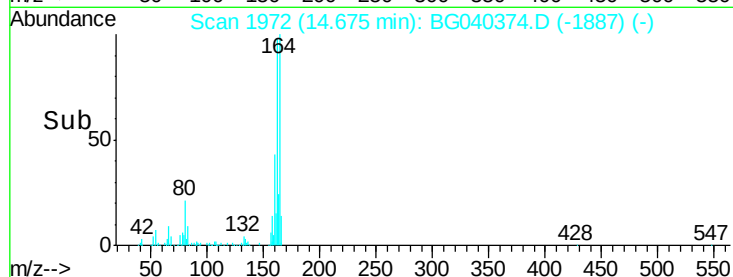
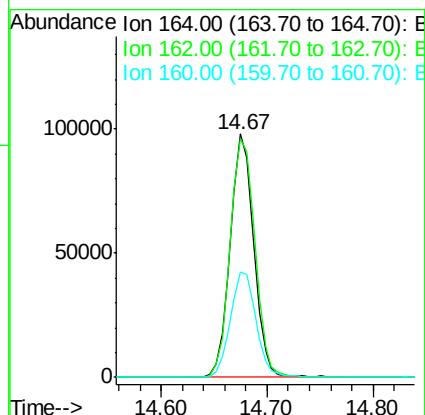
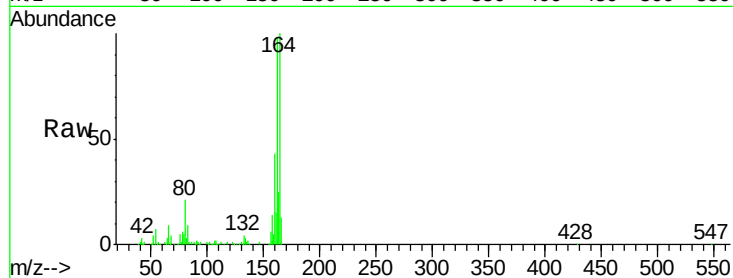




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040374.D
Acq: 5 Apr 2019 00:39

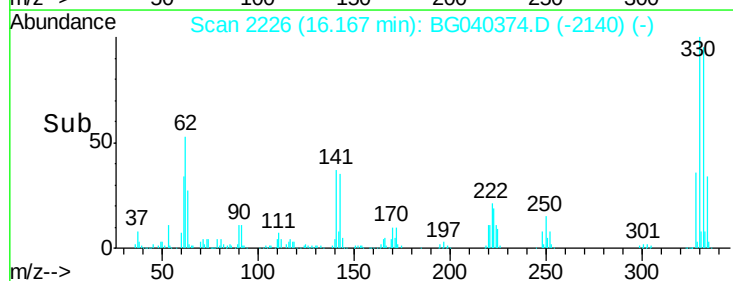
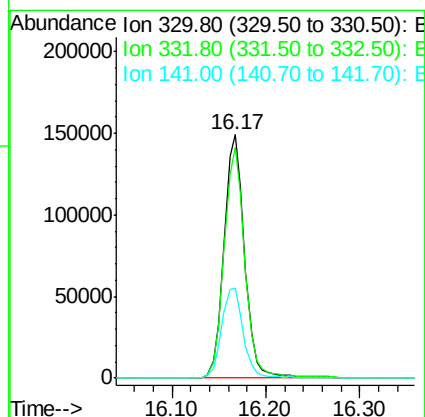
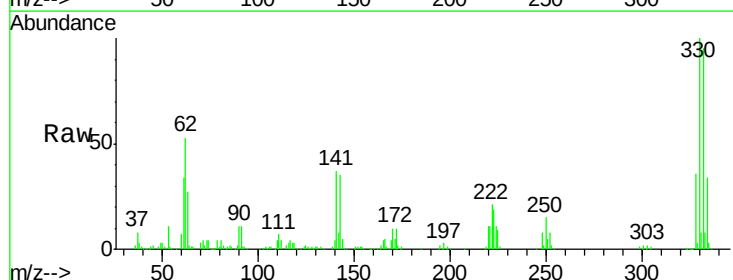
Instrument :
BNA_G
ClientSampleId :

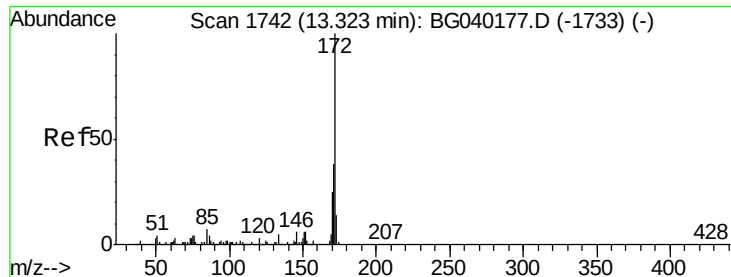
Tot Ion:164 Resp: 150763
Ion Ratio Lower Upper
164 100
162 98.1 77.4 116.2
160 43.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 141.622 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040374.D
Acq: 5 Apr 2019 00:39

Tgt Ion:330 Resp: 230753
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 39.0 32.6 48.8





#45

2-Fluorobiphenyl

Concen: 81.369 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040374.D

Acq: 5 Apr 2019 00:39

Instrument :

BNA_G

ClientSampleId :

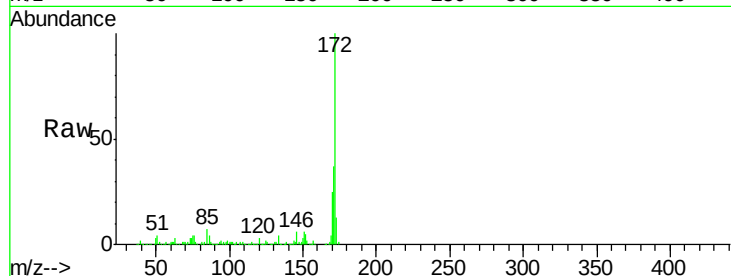
Tot Ion:172 Resp: 827899

Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

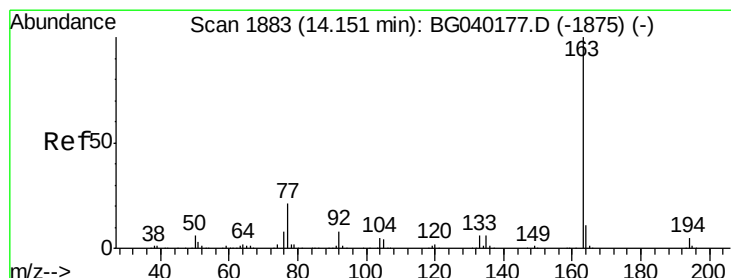
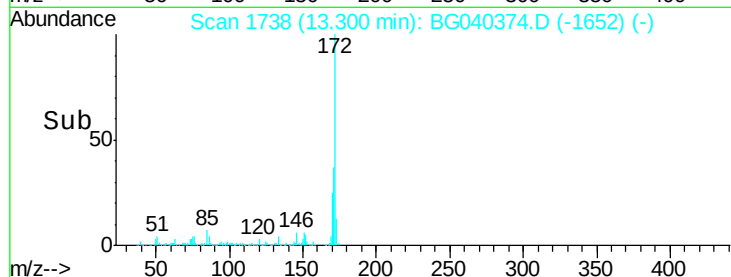
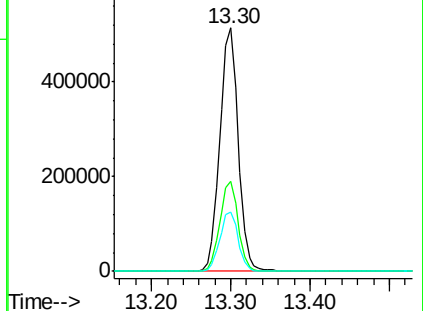
170 24.5 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 9.529 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040374.D

Acq: 5 Apr 2019 00:39

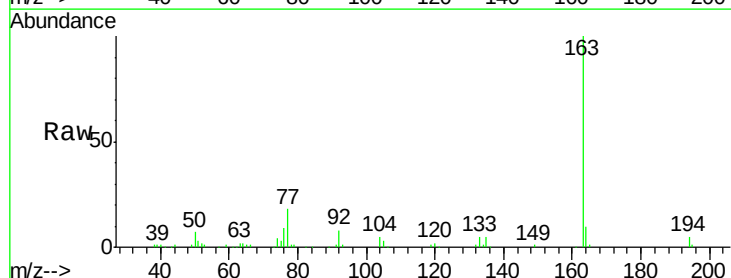
Tgt Ion:163 Resp: 112441

Ion Ratio Lower Upper

163 100

194 5.2 4.1 6.1

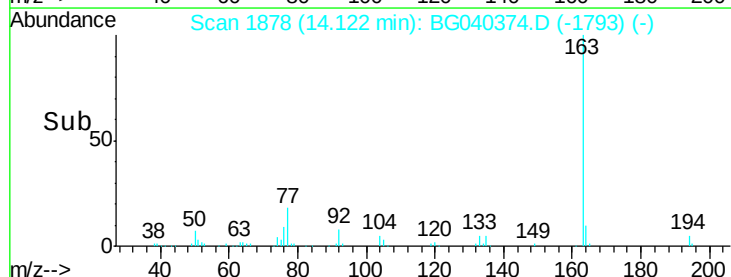
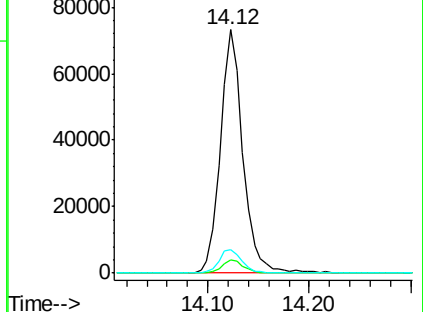
164 9.8 8.6 13.0

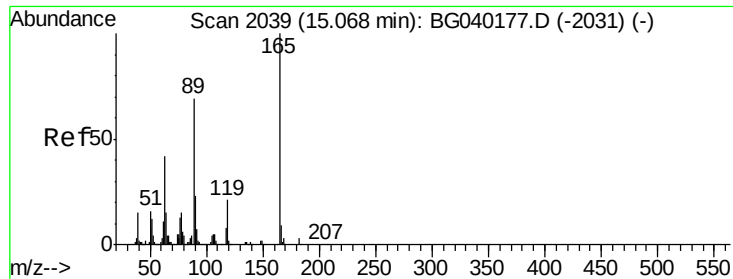


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#57

2,4-Dinitrotoluene

Concen: 5.249 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.39 min

Lab File: BG040374.D

Acq: 5 Apr 2019 00:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 19322

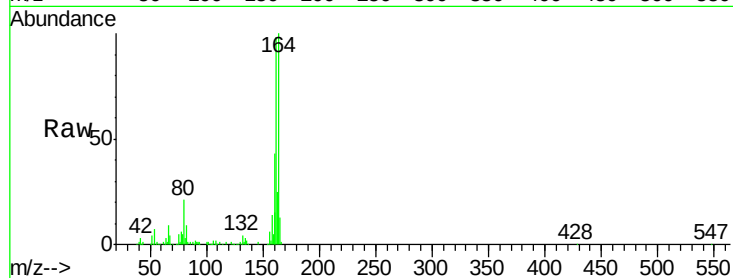
Ion Ratio Lower Upper

165 100

63 1.7 33.8 50.6#

89 1.7 55.4 83.2#

182 0.0 2.2 3.4#

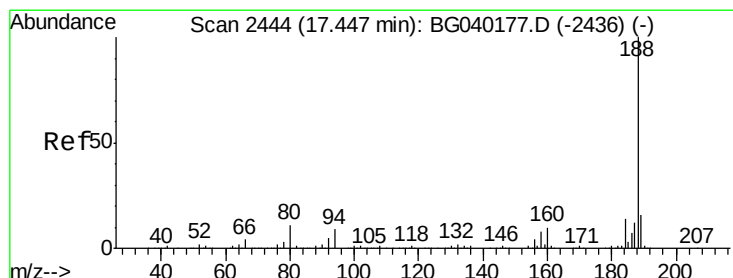
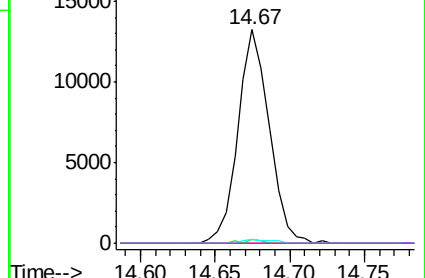
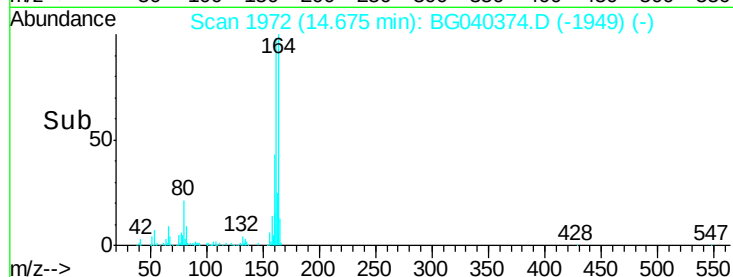


Abundance Ion 165.00 (164.70 to 165.70): E

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# 2440

Delta R.T. -0.02 min

Lab File: BG040374.D

Acq: 5 Apr 2019 00:39

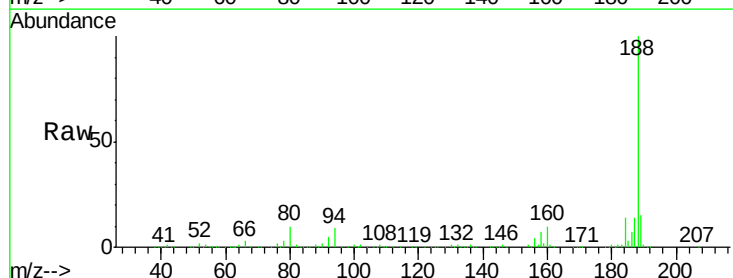
Tgt Ion:188 Resp: 360287

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

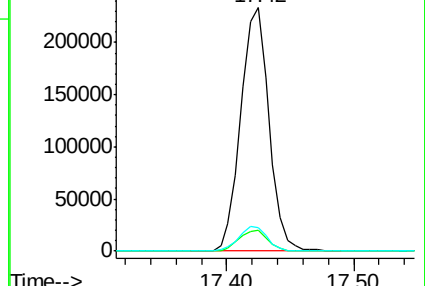
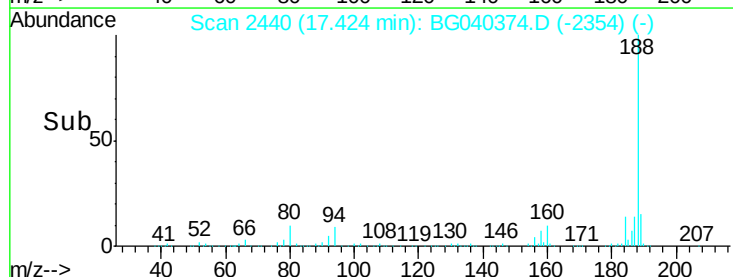
80 9.6 8.6 13.0

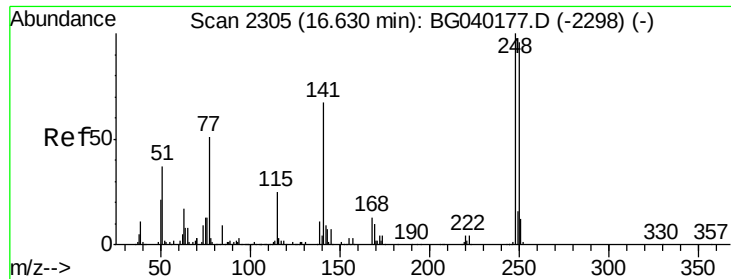


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

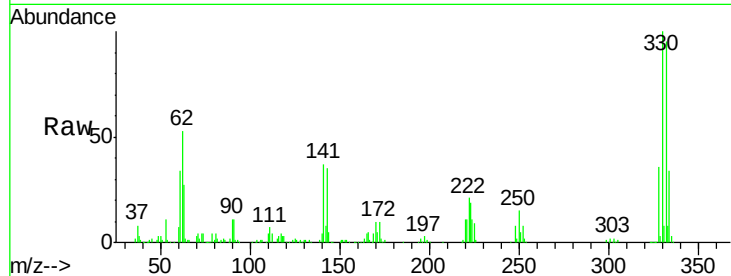




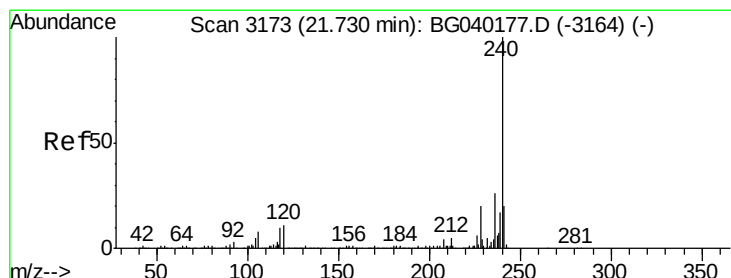
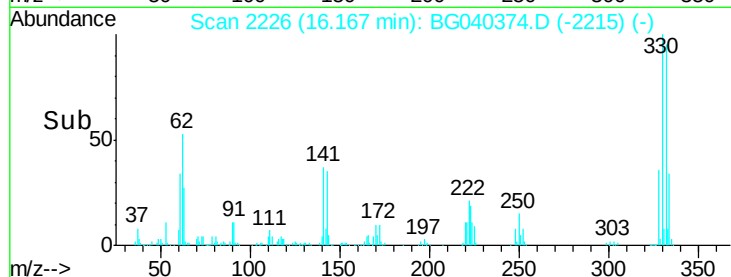
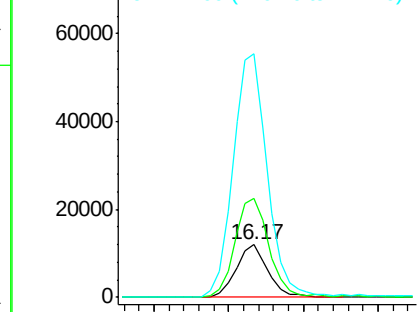
#67
 4-Bromophenyl-phenylether
 Concen: 4.413 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040374.D
 Acq: 5 Apr 2019 00:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 17892
 Ion Ratio Lower Upper
 248 100
 250 188.6 76.4 114.6#
 141 462.6 53.8 80.8#

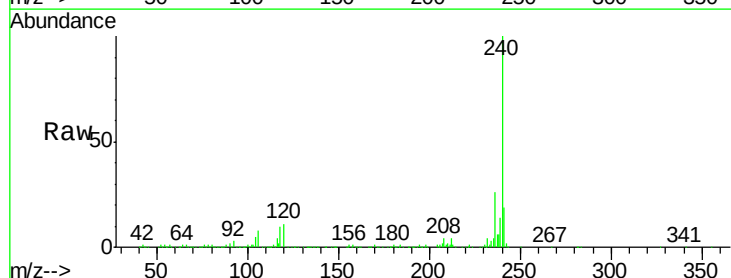


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

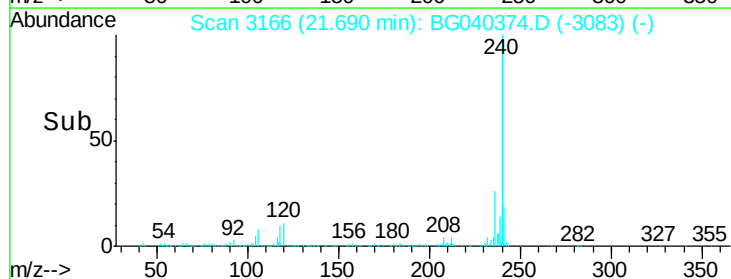
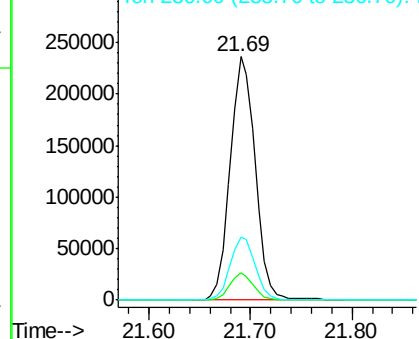


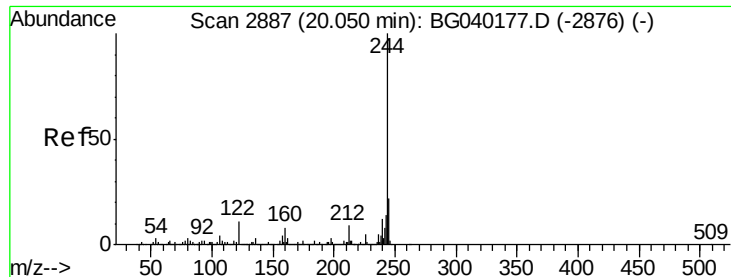
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.04 min
 Lab File: BG040374.D
 Acq: 5 Apr 2019 00:39

Tgt Ion:240 Resp: 404896
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.4 12.6
 236 26.2 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: 70.602 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040374.D

Acq: 5 Apr 2019 00:39

Instrument :

BNA_G

ClientSampleId :

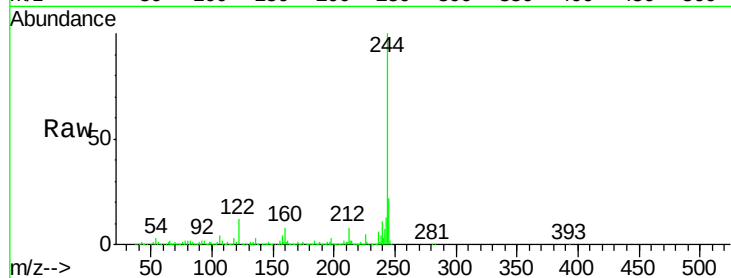
Tot Ion:244 Resp: 1270700

Ion Ratio Lower Upper

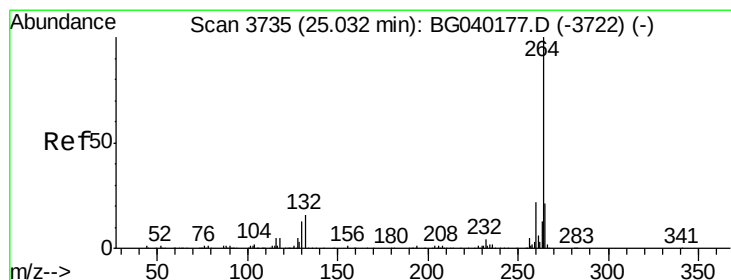
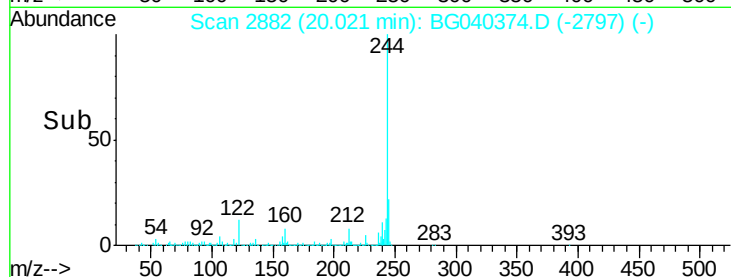
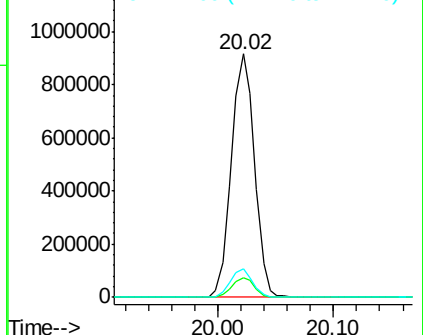
244 100

212 8.3 7.0 10.6

122 11.6 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# 3724

Delta R.T. -0.06 min

Lab File: BG040374.D

Acq: 5 Apr 2019 00:39

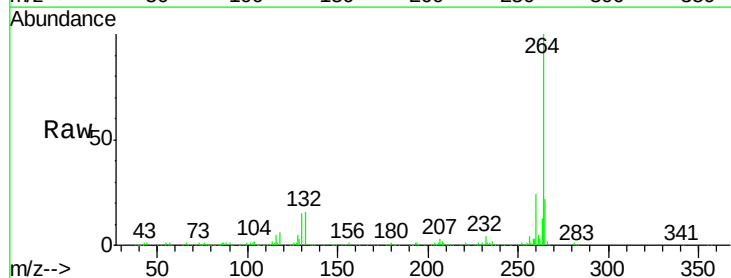
Tgt Ion:264 Resp: 413279

Ion Ratio Lower Upper

264 100

260 24.3 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

