

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040333.D
 Acq On : 3 Apr 2019 19:46
 Operator : JU/SJ
 Sample : K2180-27
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:24:21 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

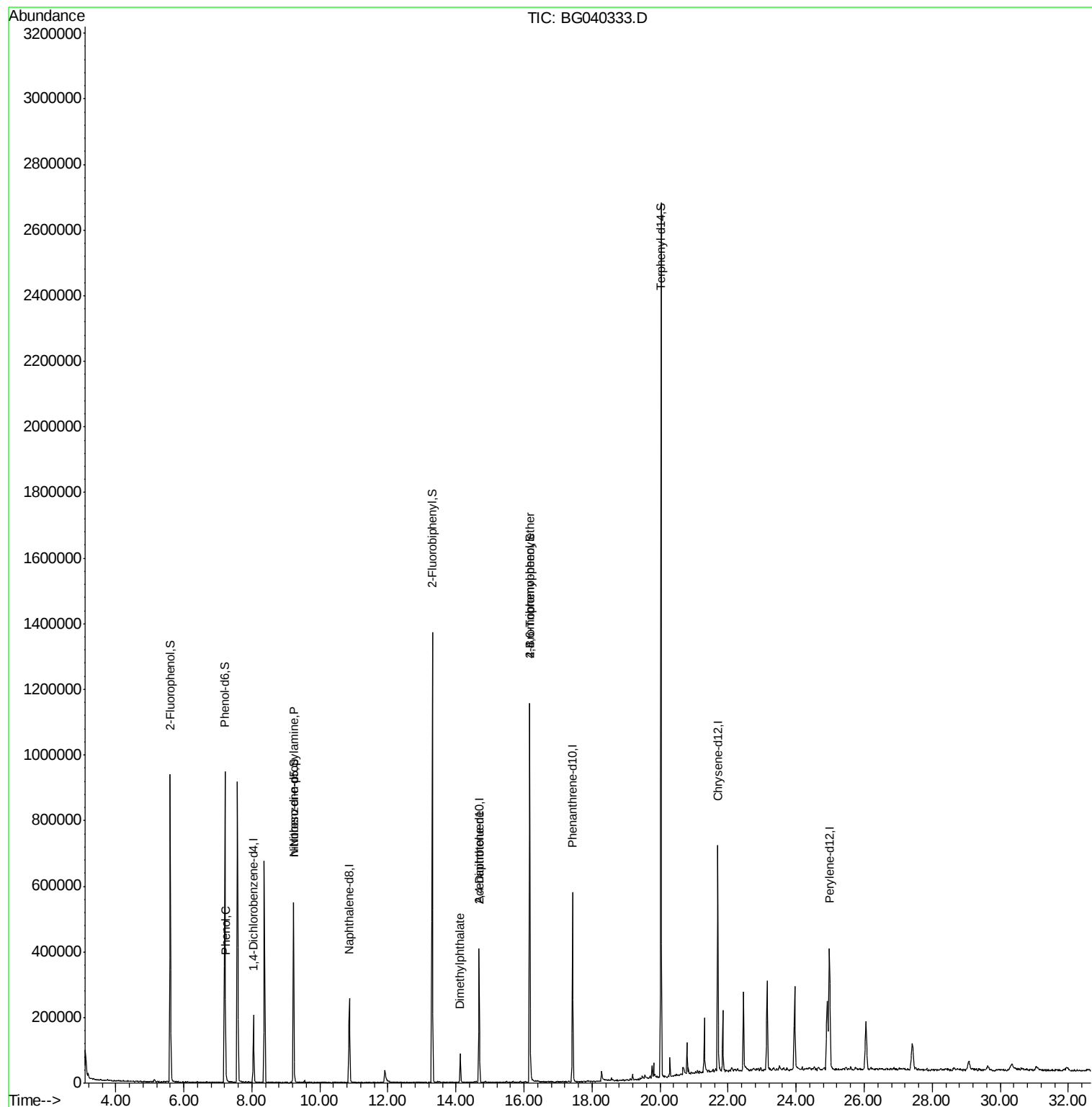
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59333	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	234212	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	141396	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	365944	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	398004	20.00	ng	-0.03
87) Perylene-d12	24.98	264	407391	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	424142	118.84	ng	-0.02
7) Phenol-d6	7.20	99	579256	117.44	ng	-0.02
23) Nitrobenzene-d5	9.22	82	339228	76.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	220256	144.14	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	747657	78.35	ng	-0.02
79) Terphenyl-d14	20.02	244	1246434	70.45	ng	-0.03
Target Compounds						
10) Phenol	7.23	94	16523	3.086	ng	74
19) n-Nitroso-di-n-propylamine	9.22	70	42189	11.930	ng	# 74
50) Dimethylphthalate	14.13	163	61965	5.599	ng	99
57) 2,4-Dinitrotoluene	14.68	165	18364	5.319	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	16999	4.128	ng	# 1

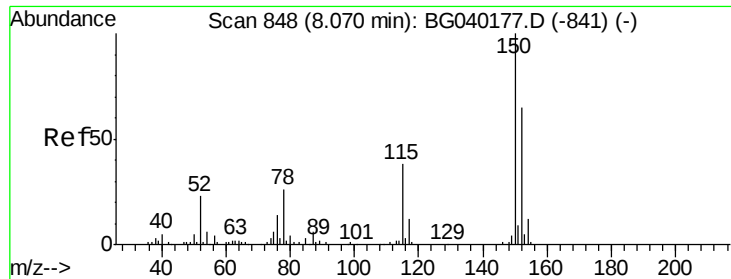
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



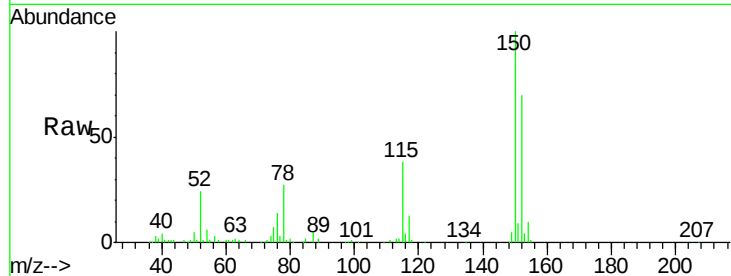


#1

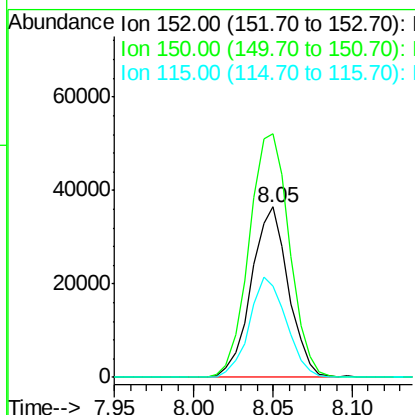
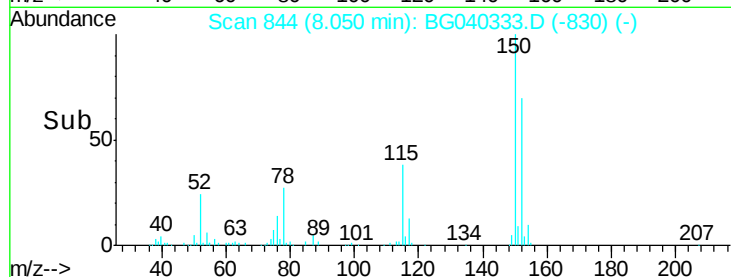
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.1	123.7	185.5
115	53.7	46.9	70.3



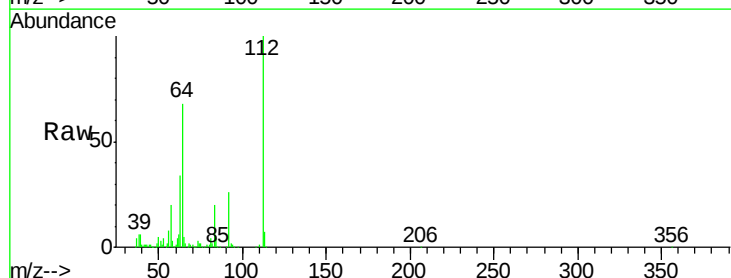
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



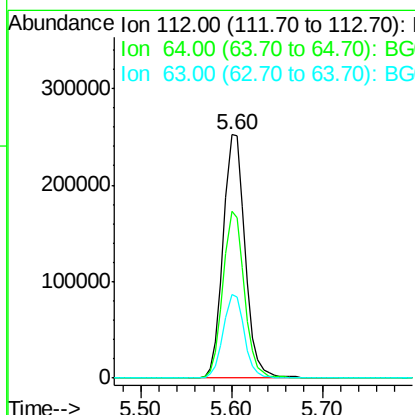
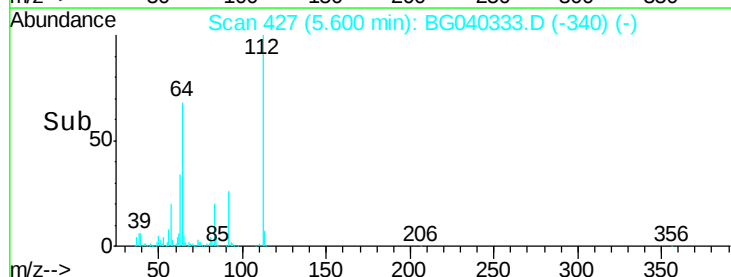
#5

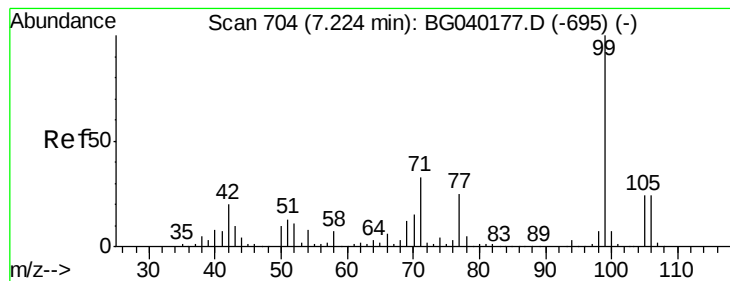
2-Fluorophenol
Concen: 118.838 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	54.2	81.2
63	34.5	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: 117.436 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040333.D

Acq: 3 Apr 2019 19:46

Instrument :

BNA_G

ClientSampled :

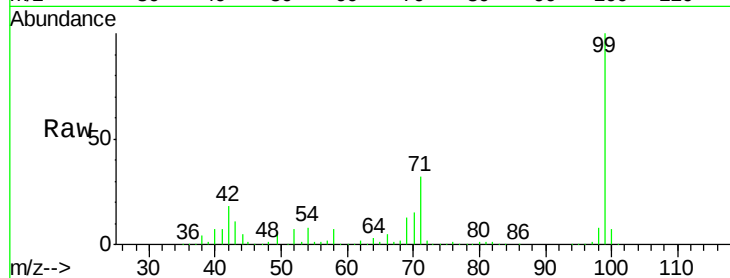
Tot Ion: 99 Resp: 579256

Ion Ratio Lower Upper

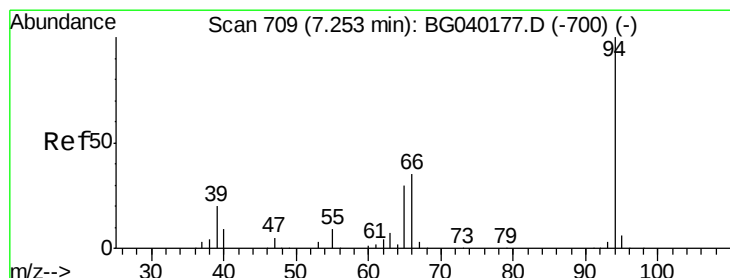
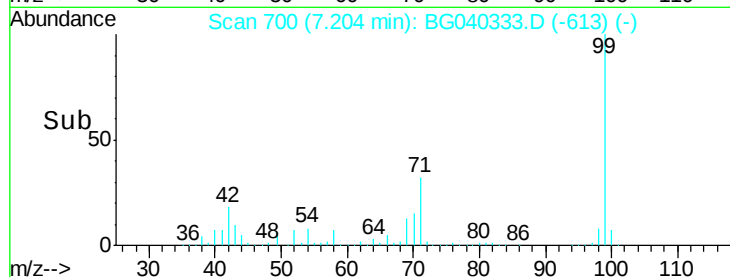
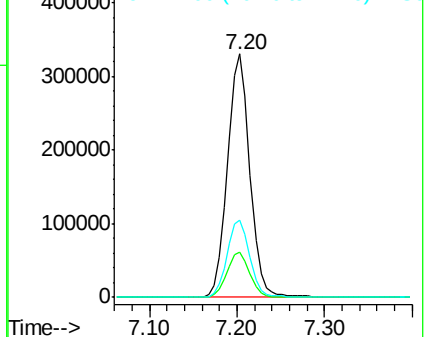
99 100

42 18.3 16.2 24.2

71 31.6 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



#10

Phenol

Concen: 3.086 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.03 min

Lab File: BG040333.D

Acq: 3 Apr 2019 19:46

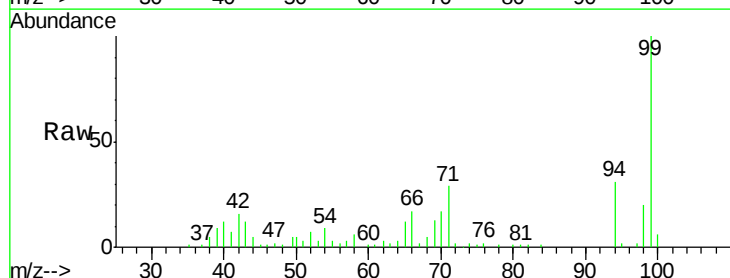
Tgt Ion: 94 Resp: 16523

Ion Ratio Lower Upper

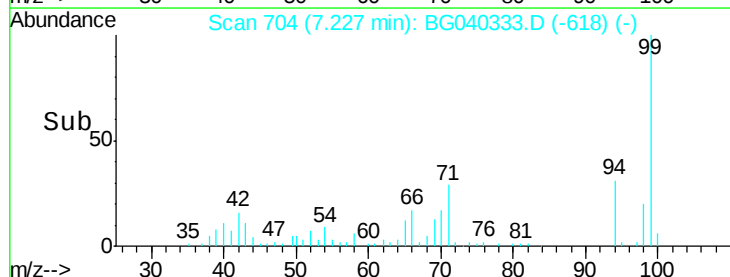
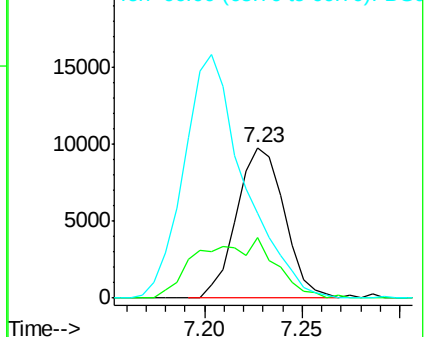
94 100

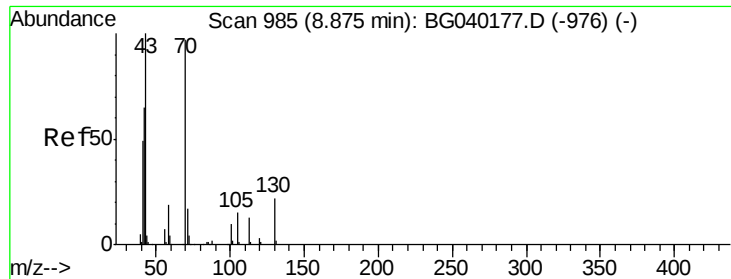
65 39.9 10.5 50.5

66 56.4 16.9 56.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 11.930 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040333.D

Acq: 3 Apr 2019 19:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 42189

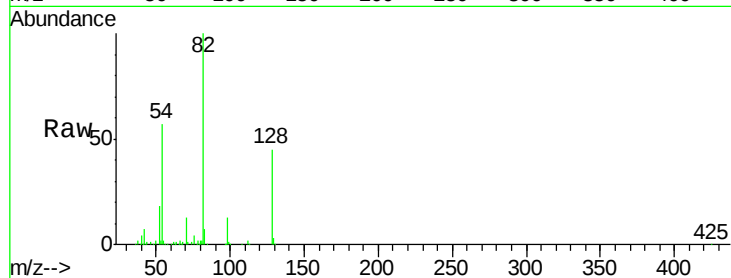
Ion Ratio Lower Upper

70 100

42 51.8 54.0 81.0#

101 0.0 8.6 13.0#

130 2.4 18.2 27.2#

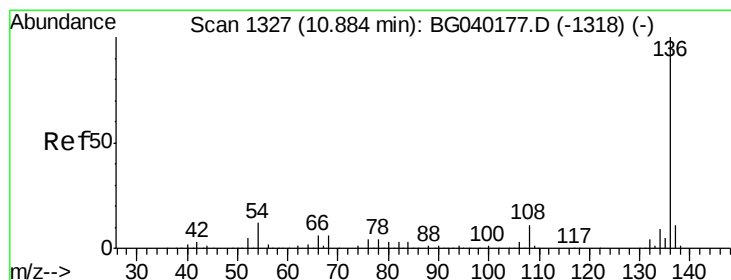
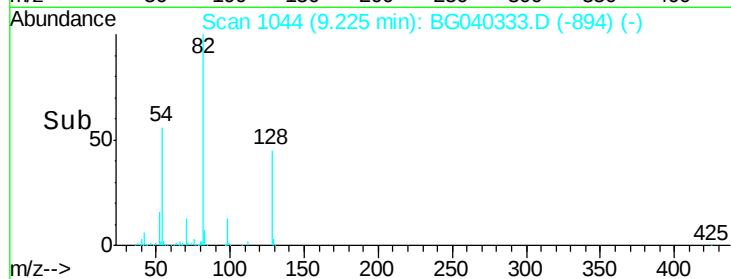
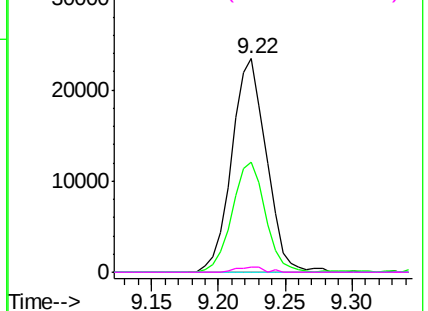


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: BG040333.D

Acq: 3 Apr 2019 19:46

Tgt Ion: 136 Resp: 234212

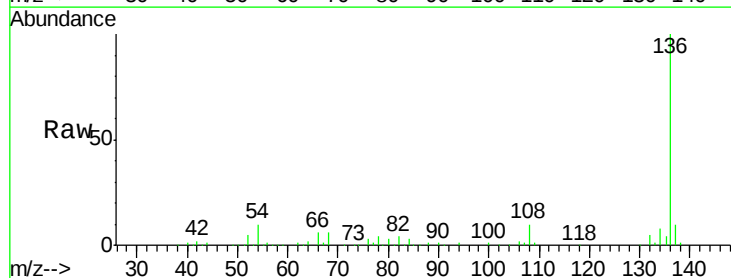
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 10.0 9.6 14.4

68 5.5 5.1 7.7

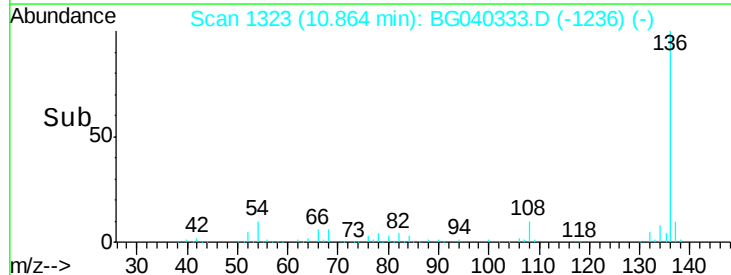
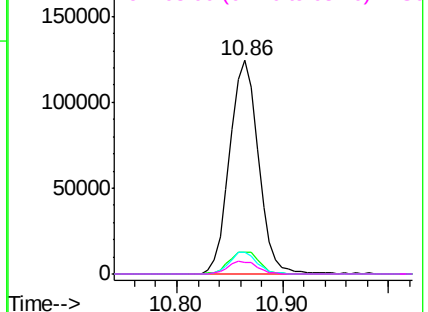


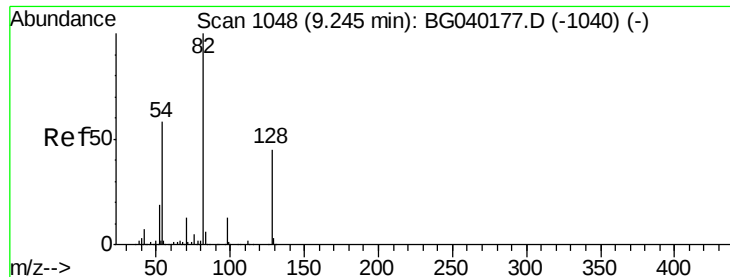
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

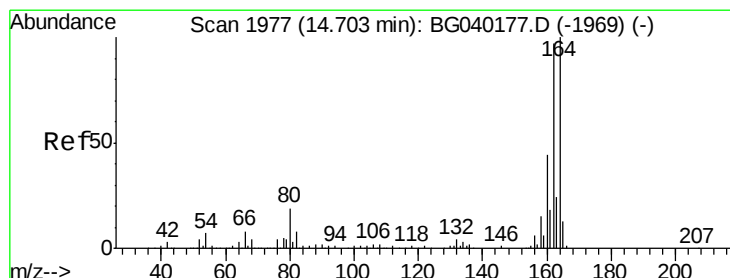
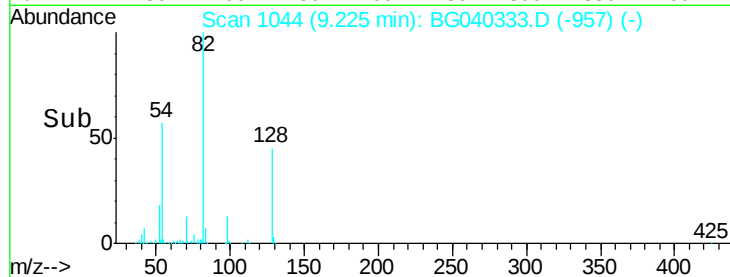
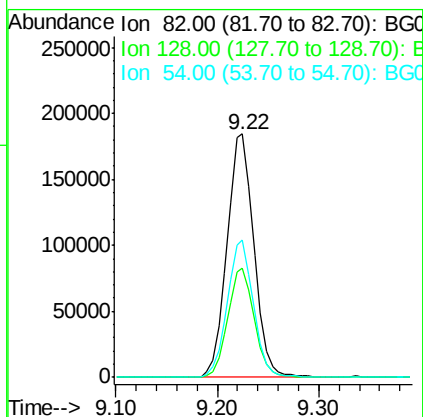
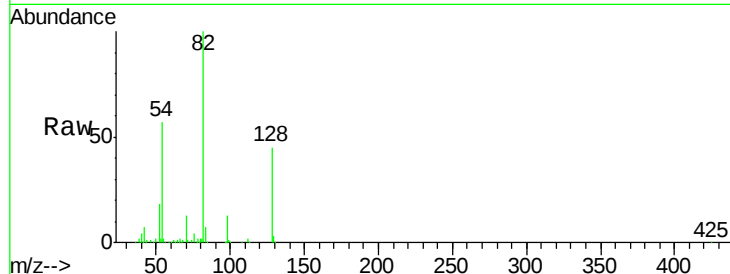




#23
Nitrobenzene-d5
Concen: 76.986 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

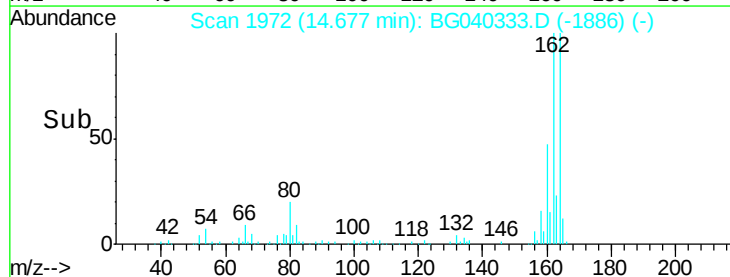
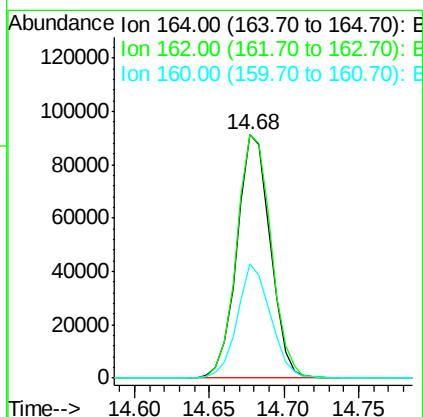
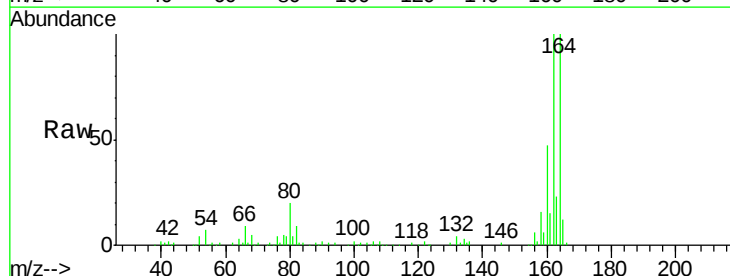
Instrument :
BNA_G
ClientSampleId :

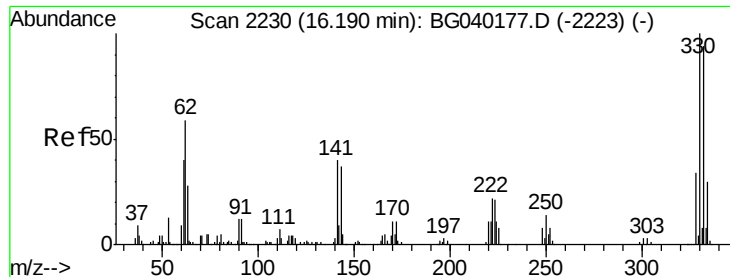
Tot Ion: 82 Resp: 339228
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.8
54 56.6 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

Tgt Ion: 164 Resp: 141396
Ion Ratio Lower Upper
164 100
162 100.0 77.4 116.2
160 46.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 144.135 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040333.D

Acq: 3 Apr 2019 19:46

Instrument :

BNA_G

ClientSampled :

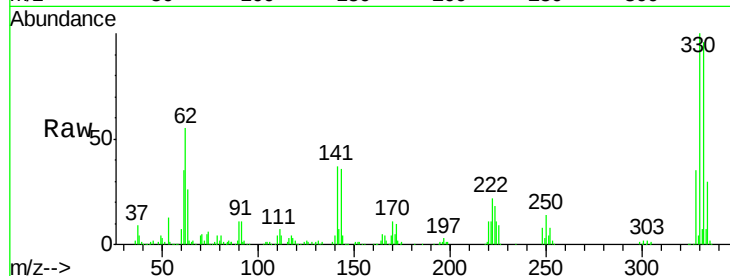
Tot Ion:330 Resp: 220256

Ion Ratio Lower Upper

330 100

332 98.4 76.6 115.0

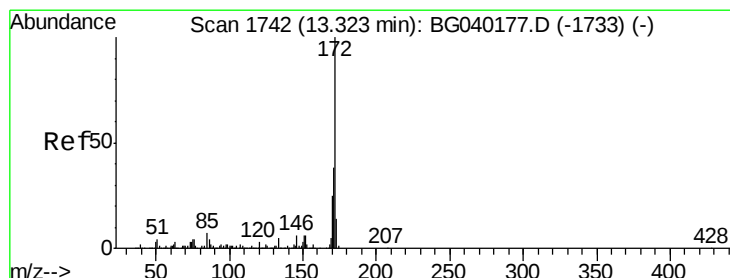
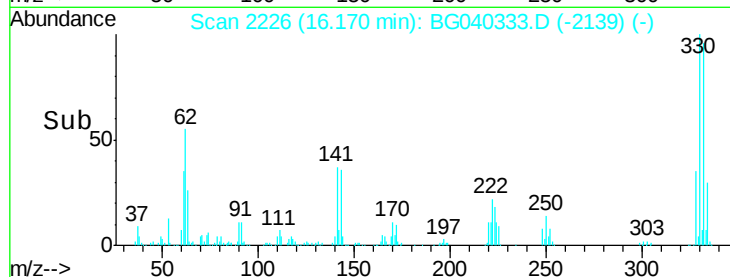
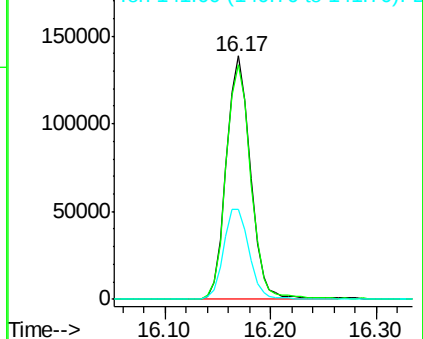
141 39.4 32.6 48.8



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: 78.351 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040333.D

Acq: 3 Apr 2019 19:46

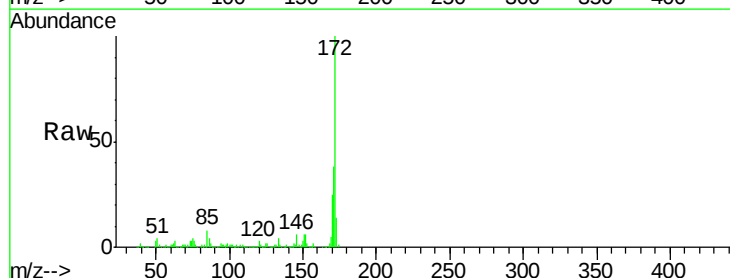
Tgt Ion:172 Resp: 747657

Ion Ratio Lower Upper

172 100

171 37.8 30.5 45.7

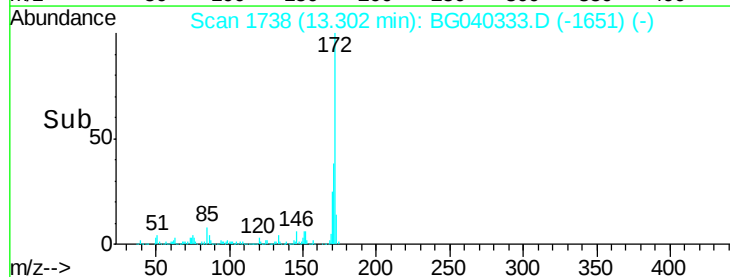
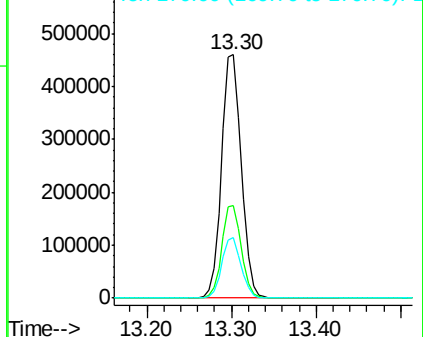
170 24.9 20.1 30.1

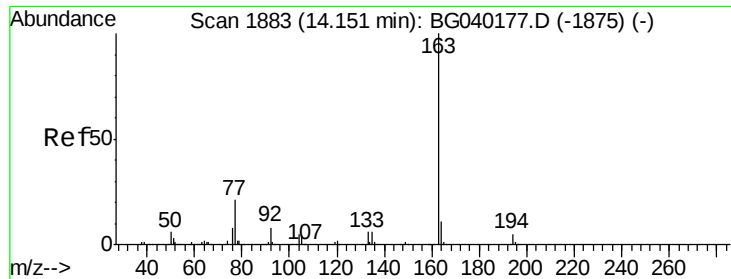


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

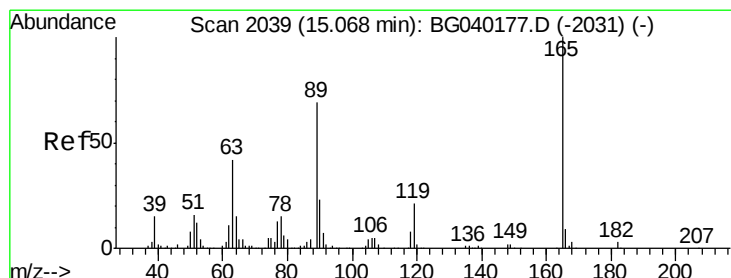
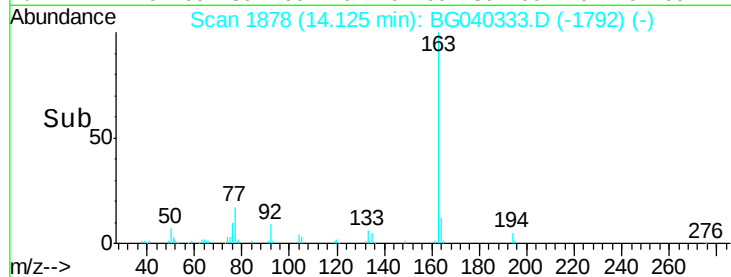
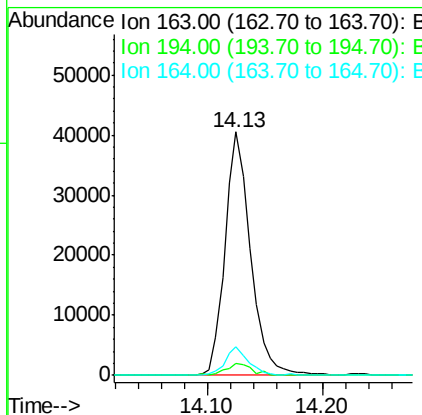
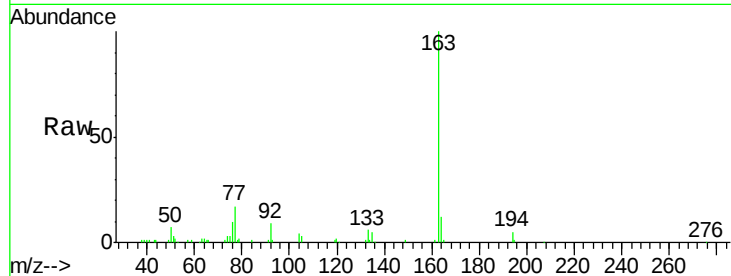




#50
Dimethylphthalate
Concen: 5.599 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

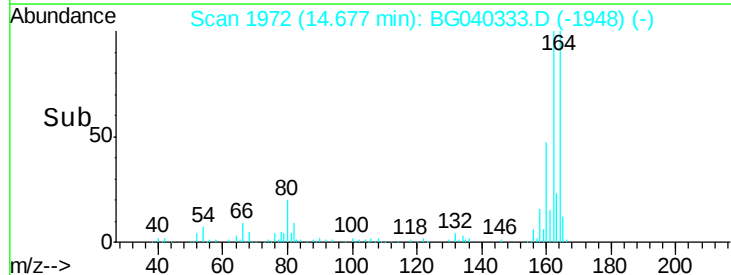
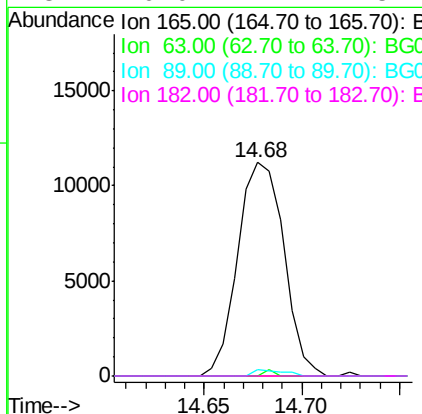
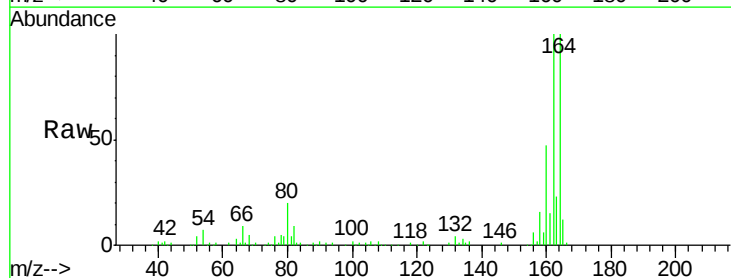
Instrument :
BNA_G
ClientSampleId :

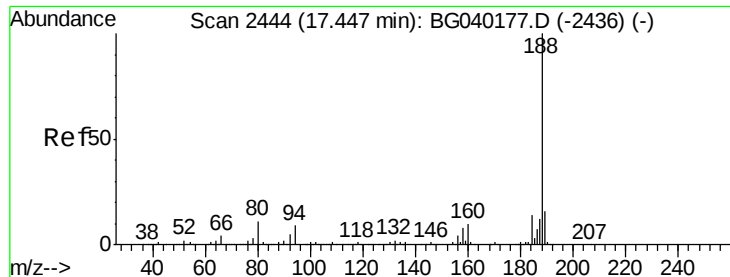
Tot Ion:163 Resp: 61965
Ion Ratio Lower Upper
163 100
194 5.0 4.1 6.1
164 11.5 8.6 13.0



#57
2,4-Dinitrotoluene
Concen: 5.319 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.39 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

Tgt Ion:165 Resp: 18364
Ion Ratio Lower Upper
165 100
63 0.0 33.8 50.6#
89 2.9 55.4 83.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040333.D

Acq: 3 Apr 2019 19:46

Instrument :

BNA_G

ClientSampleId :

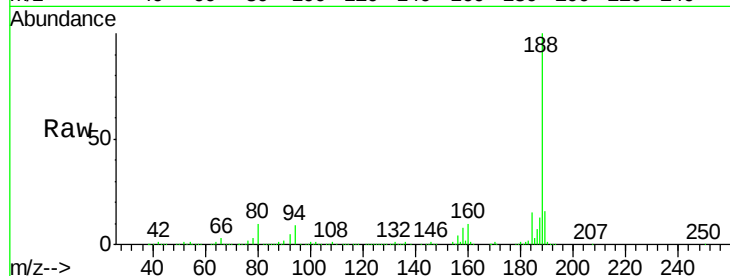
Tot Ion:188 Resp: 365944

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

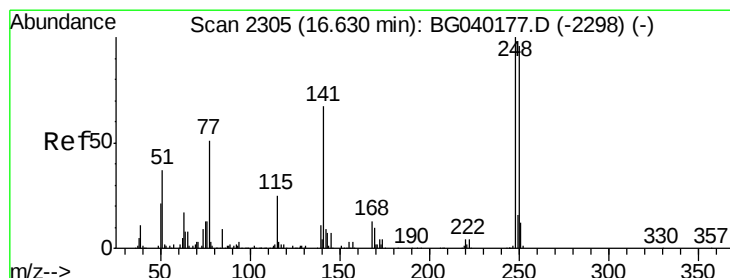
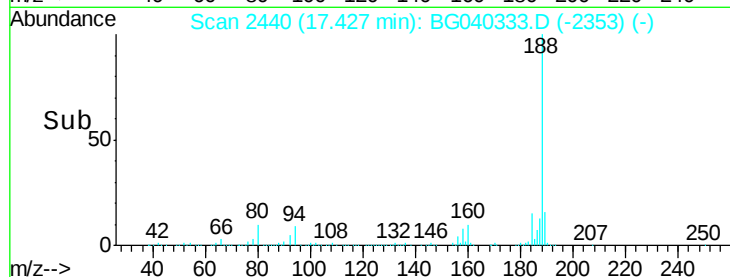
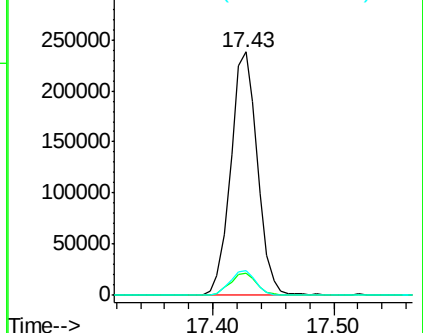
80 9.9 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#67

4-Bromophenyl-phenylether

Concen: 4.128 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.46 min

Lab File: BG040333.D

Acq: 3 Apr 2019 19:46

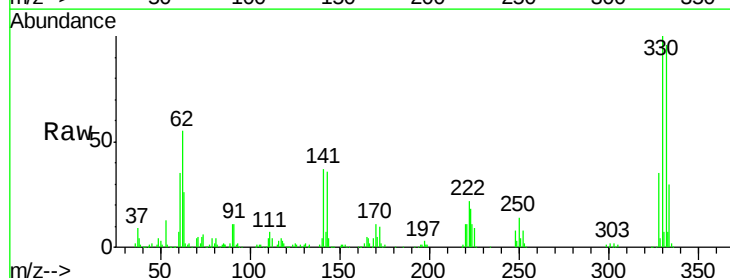
Tgt Ion:248 Resp: 16999

Ion Ratio Lower Upper

248 100

250 190.2 76.4 114.6#

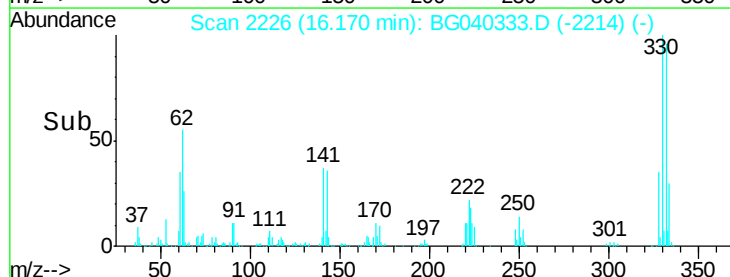
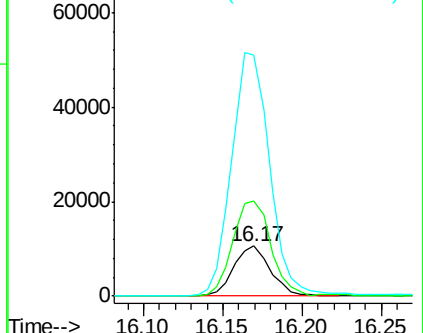
141 483.4 53.8 80.8#

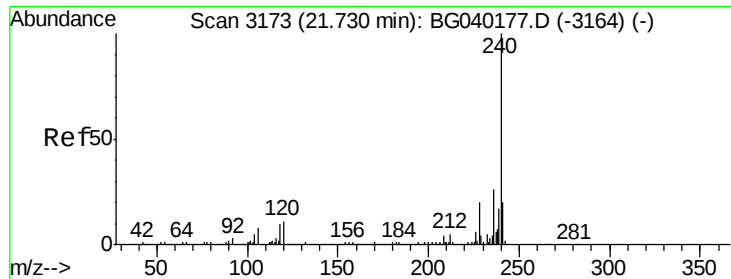


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

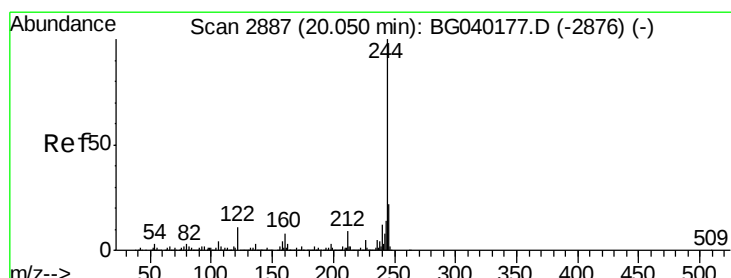
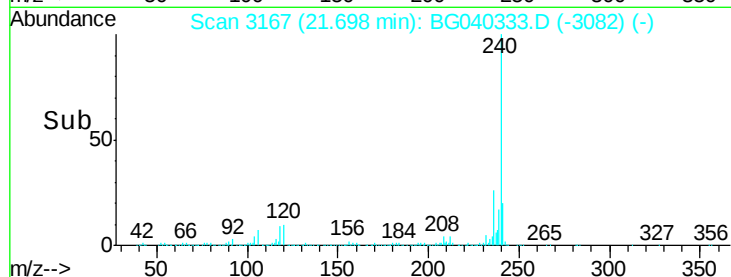
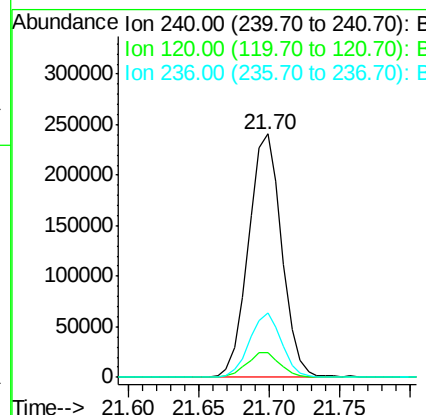
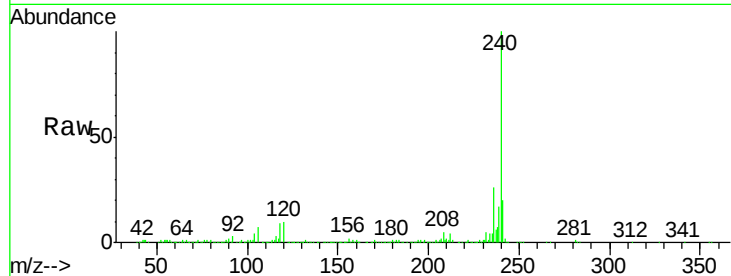




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.03 min
 Lab File: BG040333.D
 Acq: 3 Apr 2019 19:46

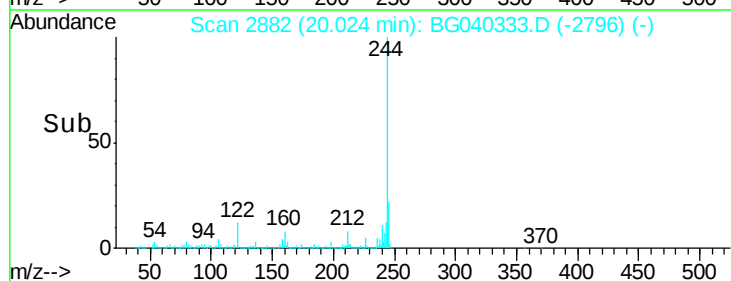
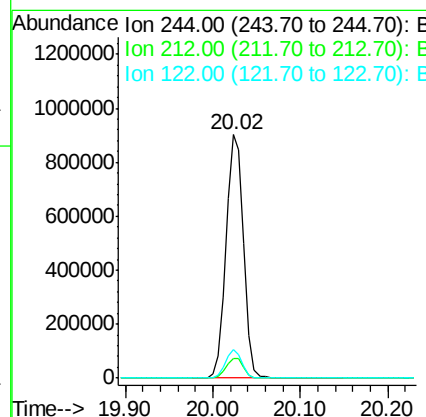
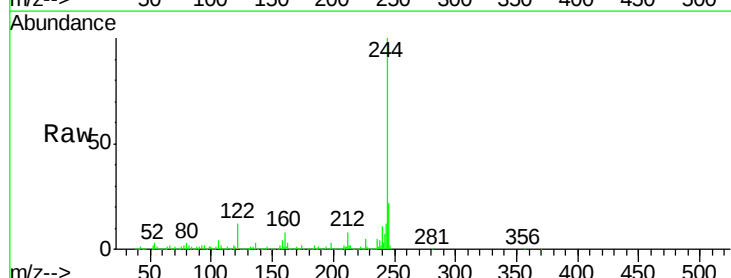
Instrument :
 BNA_G
 ClientSampleId :

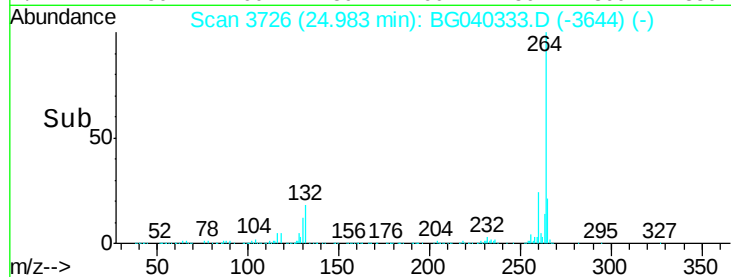
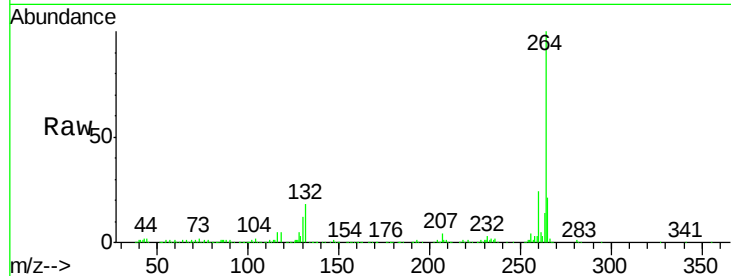
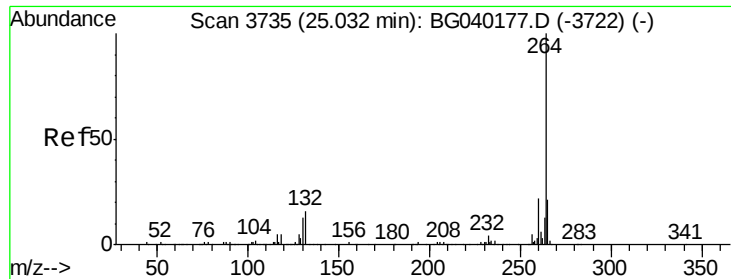
Tot Ion:240 Resp: 398004
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.4 12.6
 236 26.3 20.8 31.2



#79
 Terphenyl-d14
 Concen: 70.453 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.03 min
 Lab File: BG040333.D
 Acq: 3 Apr 2019 19:46

Tgt Ion:244 Resp: 1246434
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.0 10.6
 122 11.7 8.5 12.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.05 min
Lab File: BG040333.D
Acq: 3 Apr 2019 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.9	26.9
265	21.2	16.8	25.2

