

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040351.D
 Acq On : 4 Apr 2019 8:35
 Operator : JU/SJ
 Sample : K2214-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 11:23:39 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

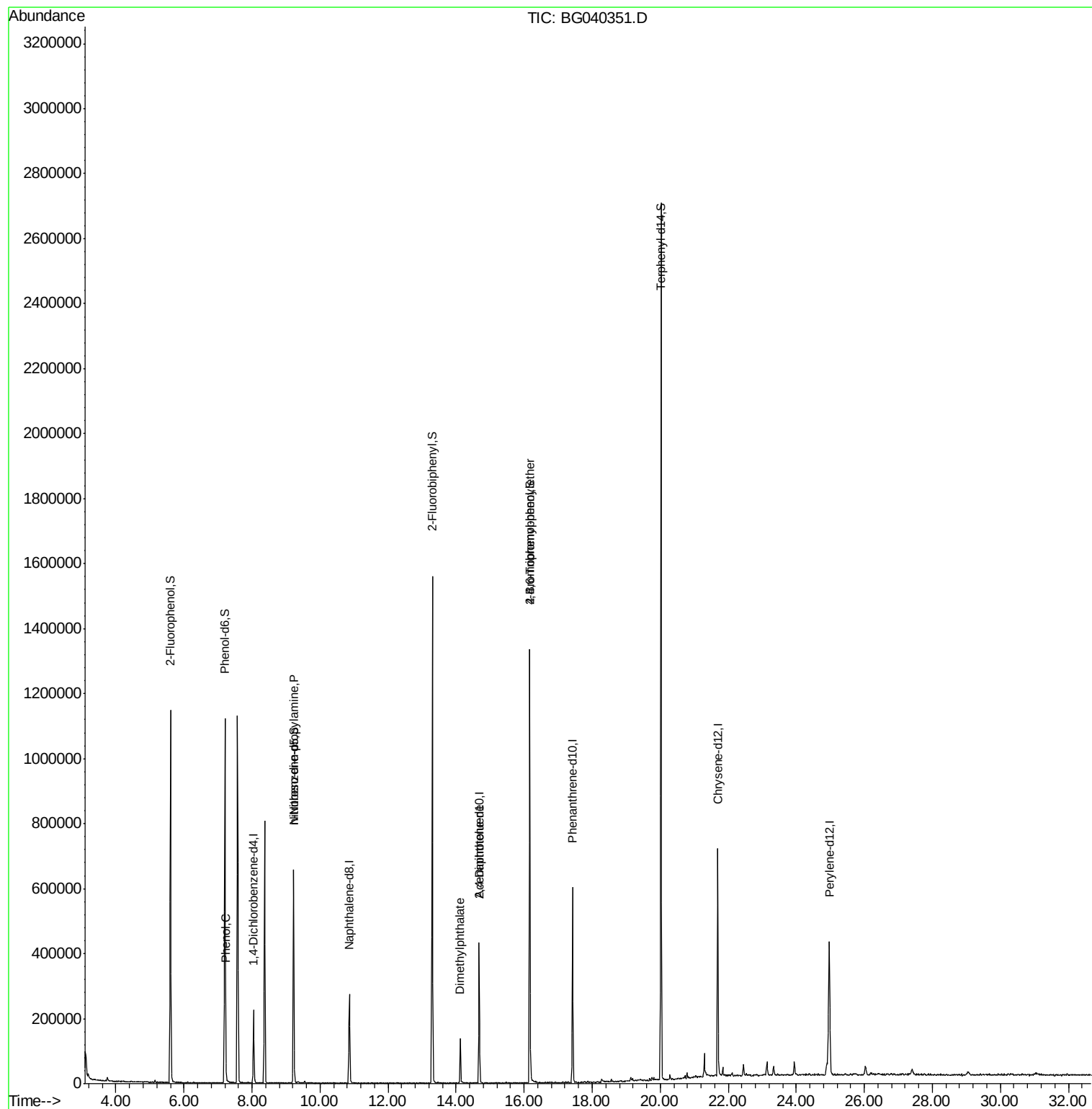
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	64265	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	251915	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	154362	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	379236	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	434384	20.00	ng	-0.04
87) Perylene-d12	24.97	264	448090	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	509967	131.92	ng	-0.02
7) Phenol-d6	7.20	99	693441	129.80	ng	-0.02
23) Nitrobenzene-d5	9.22	82	413046	87.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	243168	145.76	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	850941	81.68	ng	-0.02
79) Terphenyl-d14	20.02	244	1301895	67.42	ng	-0.03
Target Compounds						
10) Phenol	7.23	94	18312	3.158	ng	87
19) n-Nitroso-di-n-propylamine	9.22	70	52395	13.678	ng	# 75
50) Dimethylphthalate	14.13	163	104698	8.666	ng	97
57) 2,4-Dinitrotoluene	14.67	165	20850	5.532	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	19183	4.495	ng	# 1

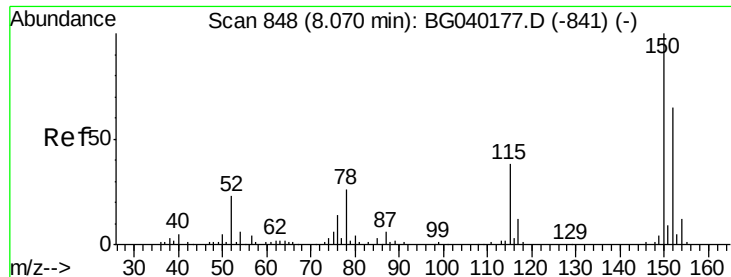
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 05:47:00 2019
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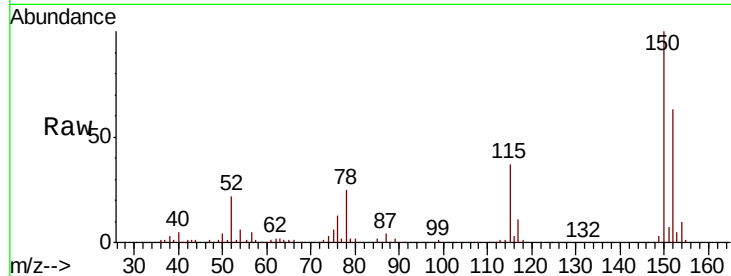


#1

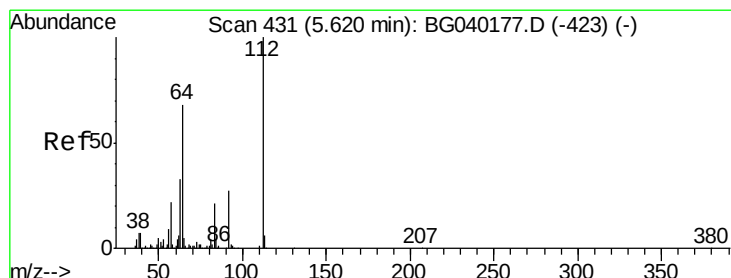
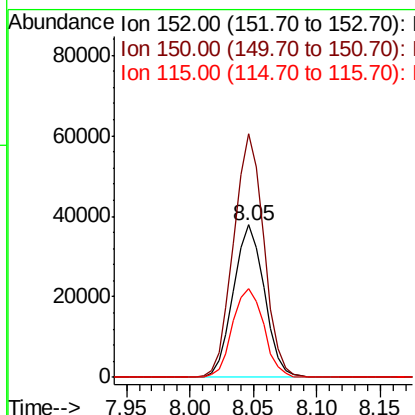
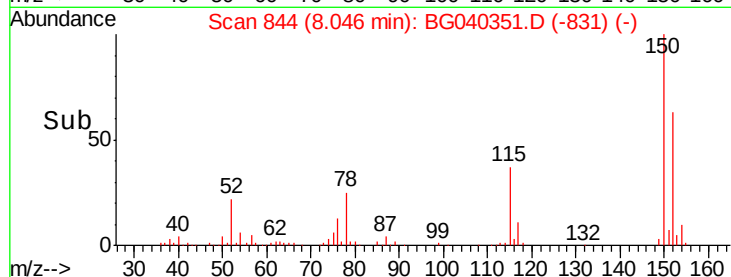
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64265
Ion Ratio Lower Upper
152 100
150 160.0 123.7 185.5
115 58.5 46.9 70.3



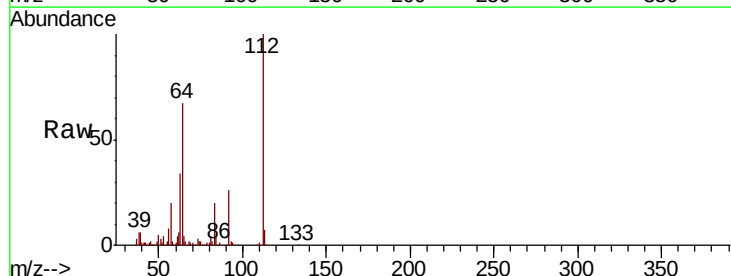
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



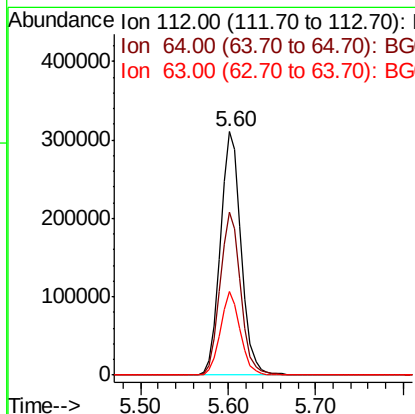
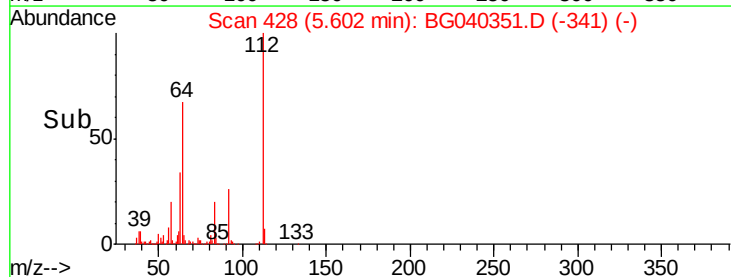
#5

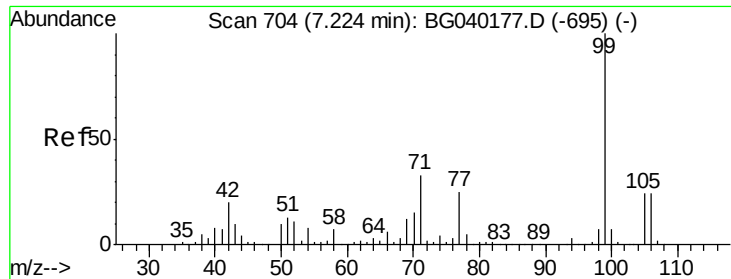
2-Fluorophenol
Concen: 131.919 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Tgt Ion:112 Resp: 509967
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.2
63 34.1 26.4 39.6



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





#7

Phenol-d6

Concen: 129.796 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040351.D

Acq: 4 Apr 2019 8:35

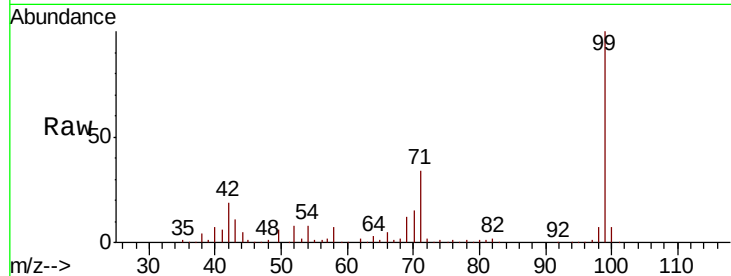
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 693441

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.2	24.2
71	33.6	26.8	40.2

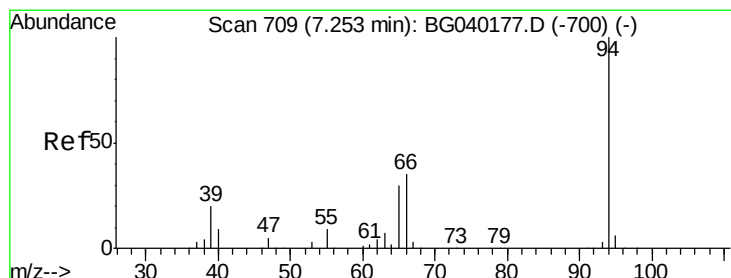
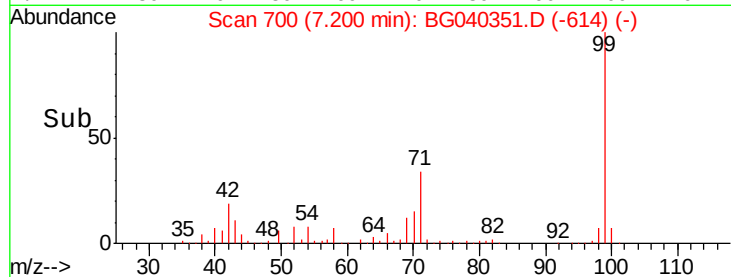
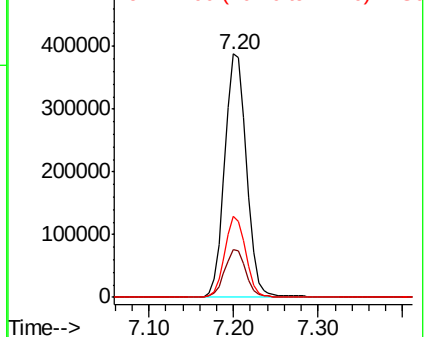


Abundance

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: 3.158 ng

RT: 7.23 min Scan# 705

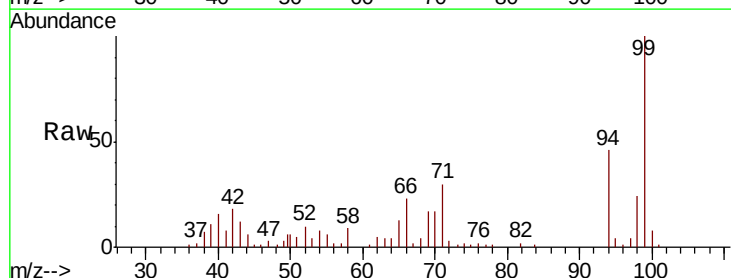
Delta R.T. -0.02 min

Lab File: BG040351.D

Acq: 4 Apr 2019 8:35

Tgt Ion: 94 Resp: 18312

Ion	Ratio	Lower	Upper
94	100		
65	29.3	10.5	50.5
66	49.7	16.9	56.9

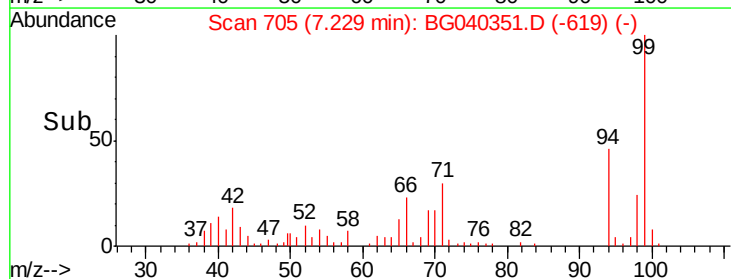
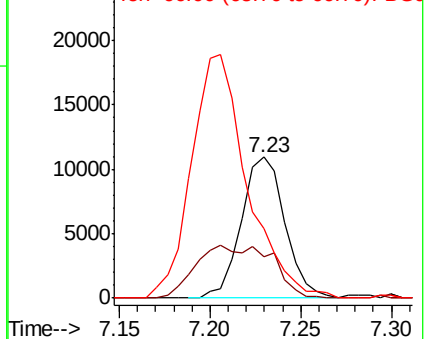


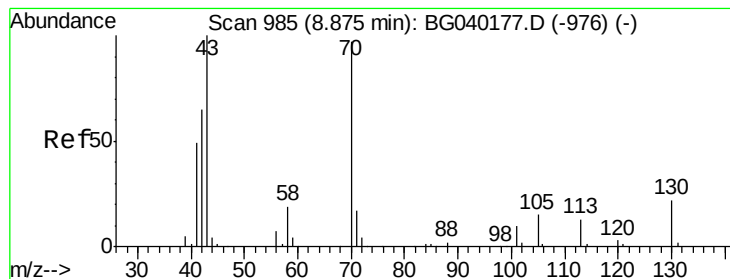
Abundance

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: 13.678 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040351.D

Acq: 4 Apr 2019 8:35

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 52395

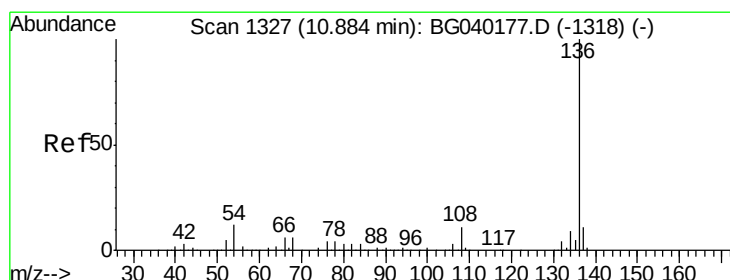
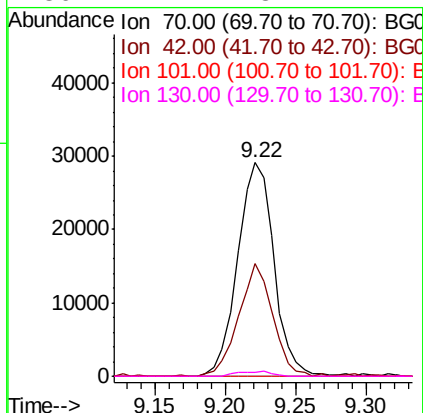
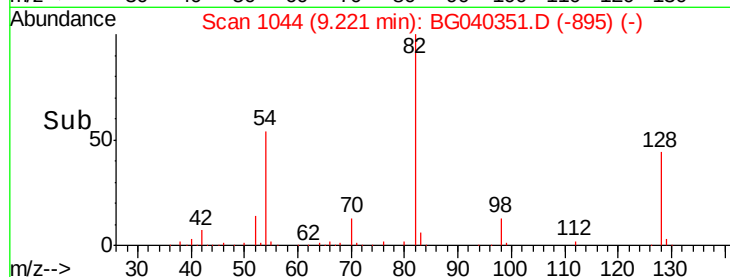
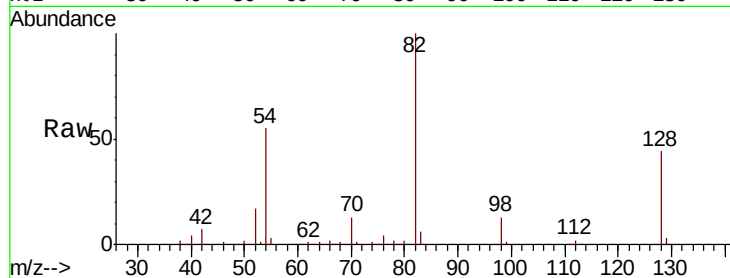
Ion Ratio Lower Upper

70 100

42 52.6 54.0 81.0#

101 0.0 8.6 13.0#

130 1.7 18.2 27.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040351.D

Acq: 4 Apr 2019 8:35

Tgt Ion: 136 Resp: 251915

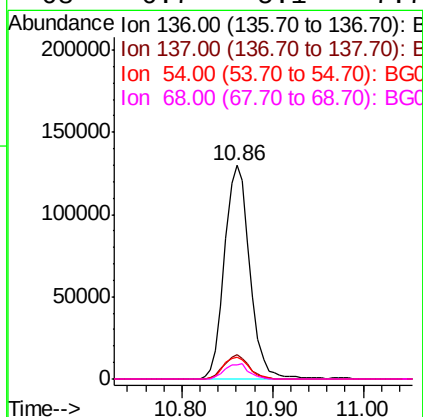
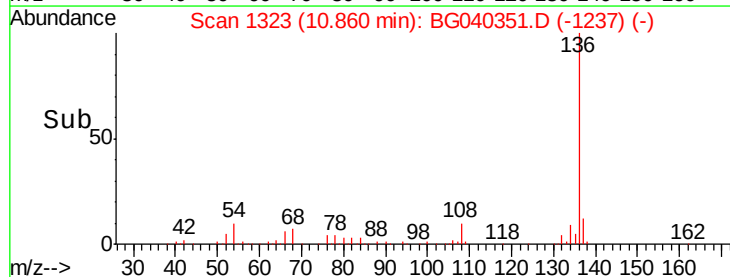
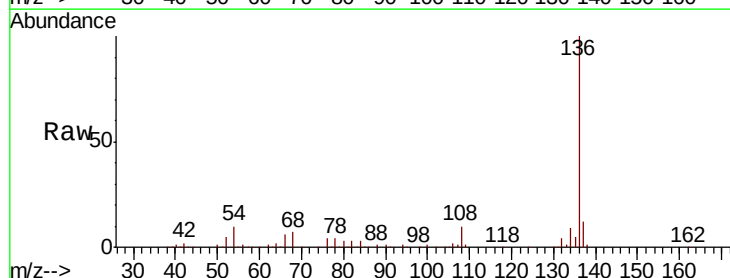
Ion Ratio Lower Upper

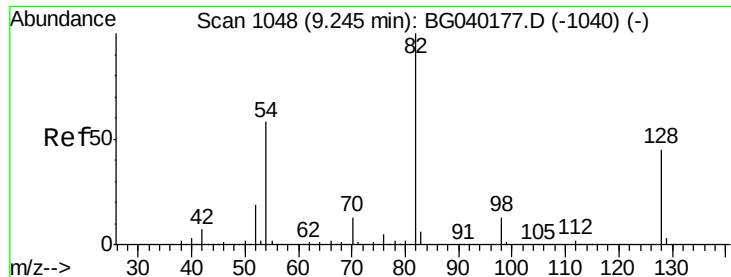
136 100

137 11.7 8.9 13.3

54 10.4 9.6 14.4

68 6.7 5.1 7.7

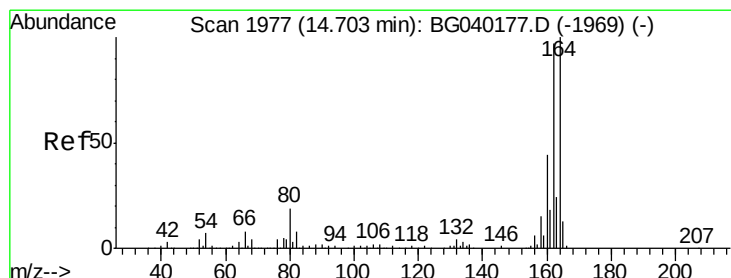
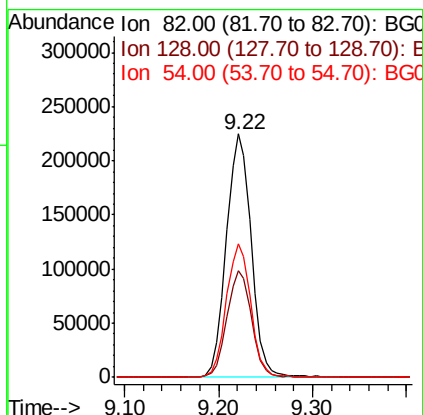
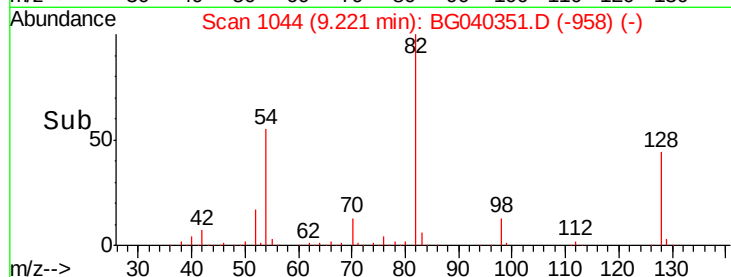
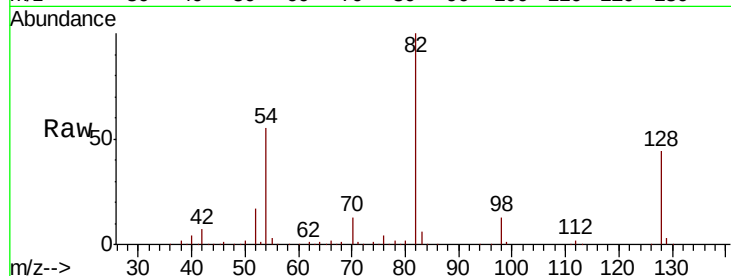




#23
Nitrobenzene-d5
Concen: 87.152 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

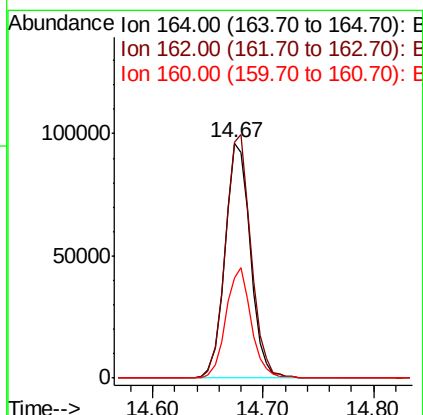
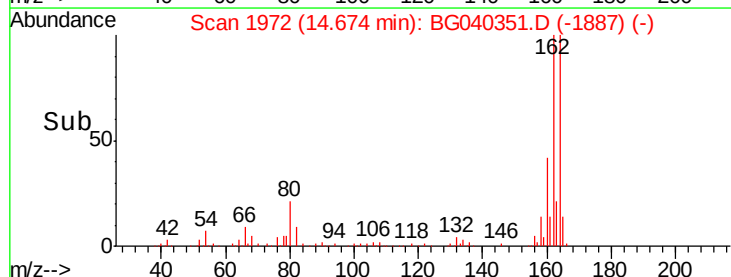
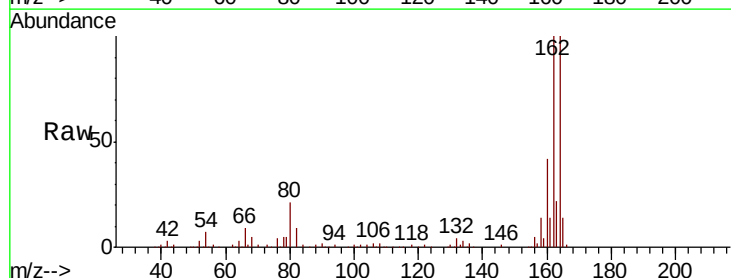
Instrument :
BNA_G
ClientSampleID :

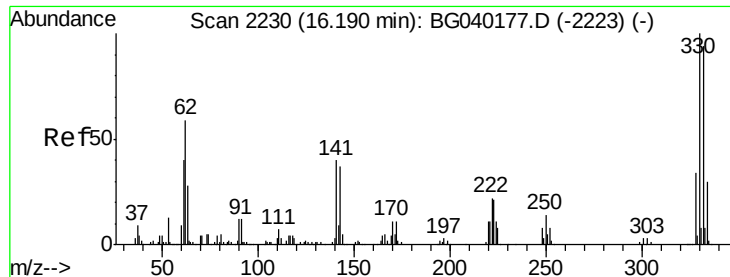
Tot Ion: 82 Resp: 413046
Ion Ratio Lower Upper
82 100
128 43.9 35.8 53.8
54 55.0 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Tgt Ion:164 Resp: 154362
Ion Ratio Lower Upper
164 100
162 100.1 77.4 116.2
160 42.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 145.762 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040351.D

Acq: 4 Apr 2019 8:35

Instrument :

BNA_G

ClientSampleId :

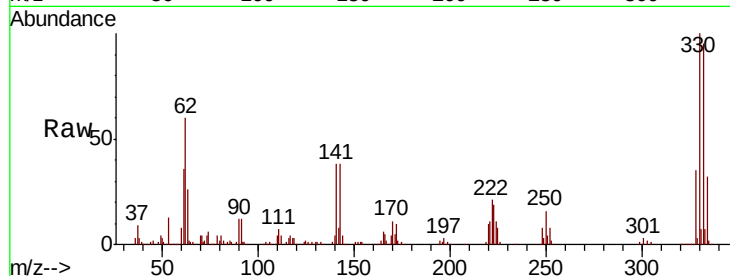
Tot Ion:330 Resp: 243168

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

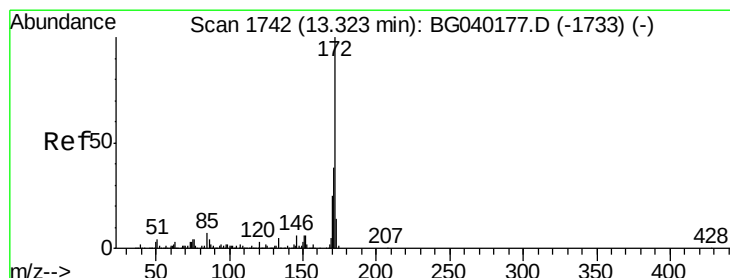
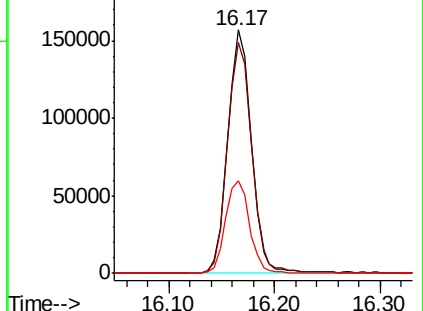
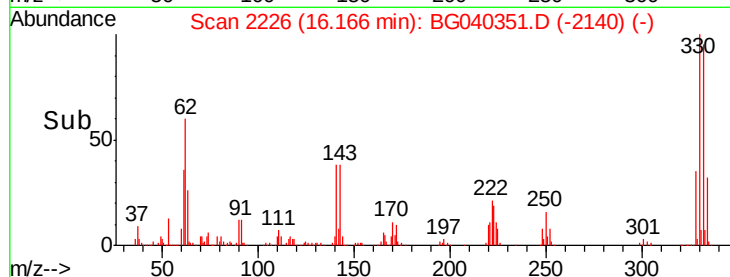
141 39.0 32.6 48.8



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: 81.684 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040351.D

Acq: 4 Apr 2019 8:35

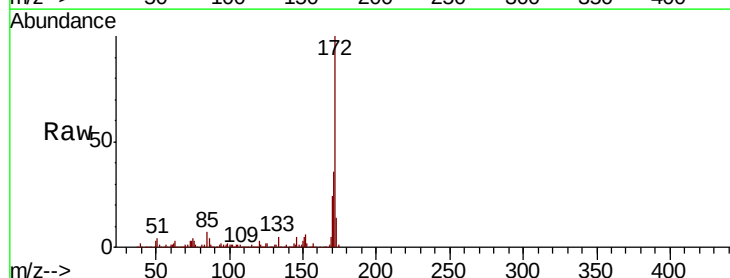
Tgt Ion:172 Resp: 850941

Ion Ratio Lower Upper

172 100

171 36.5 30.5 45.7

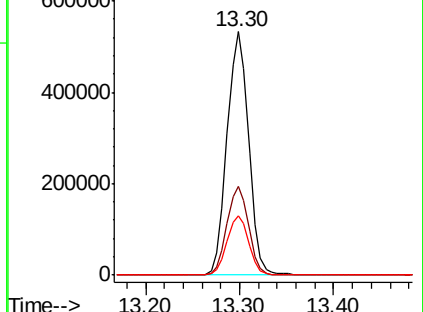
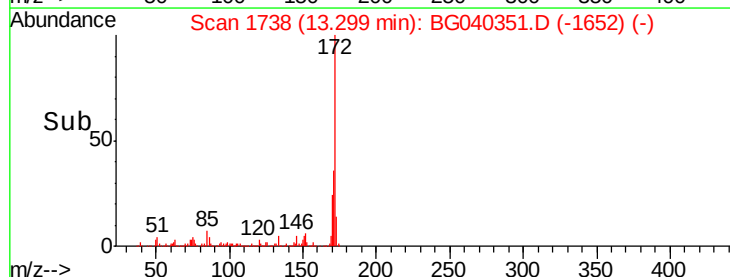
170 24.4 20.1 30.1

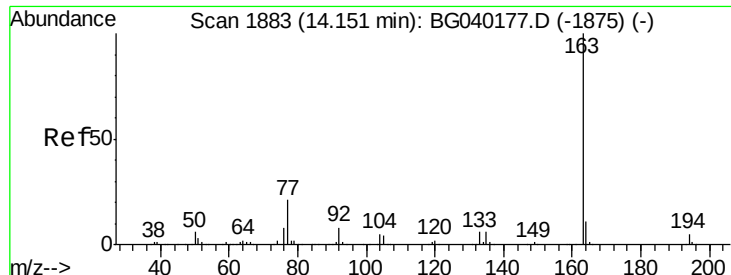


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.666 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040351.D

Acq: 4 Apr 2019 8:35

Instrument :

BNA_G

ClientSampleId :

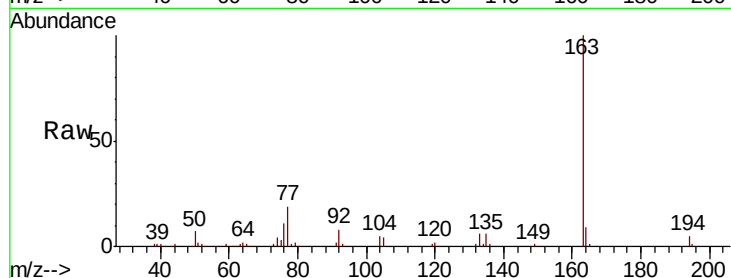
Tot Ion:163 Resp: 104698

Ion Ratio Lower Upper

163 100

194 5.5 4.1 6.1

164 9.4 8.6 13.0

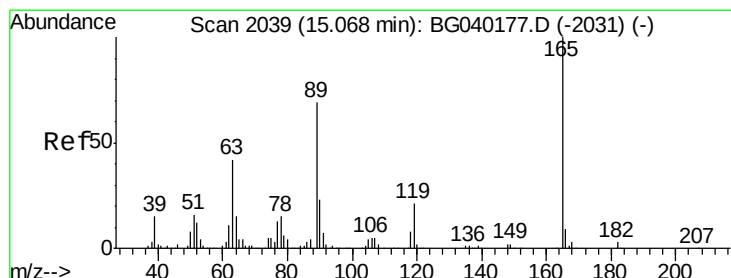
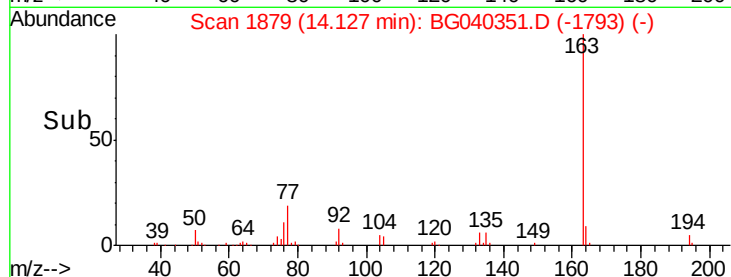
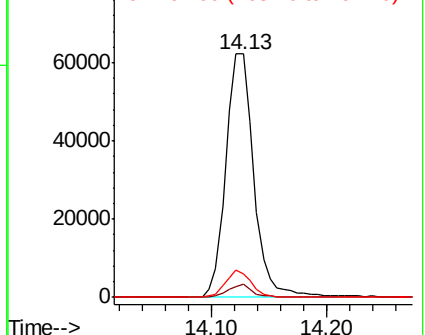


Abundance

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: 5.532 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.39 min

Lab File: BG040351.D

Acq: 4 Apr 2019 8:35

Tgt Ion:165 Resp: 20850

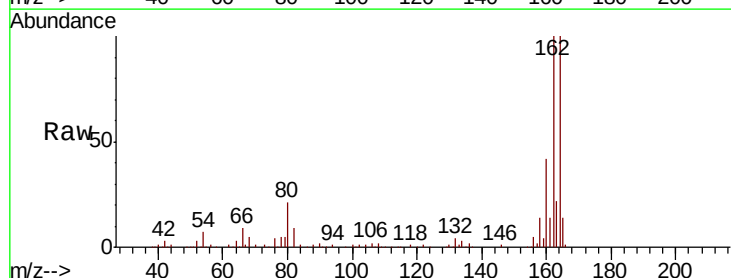
Ion Ratio Lower Upper

165 100

63 2.0 33.8 50.6#

89 0.0 55.4 83.2#

182 0.0 2.2 3.4#



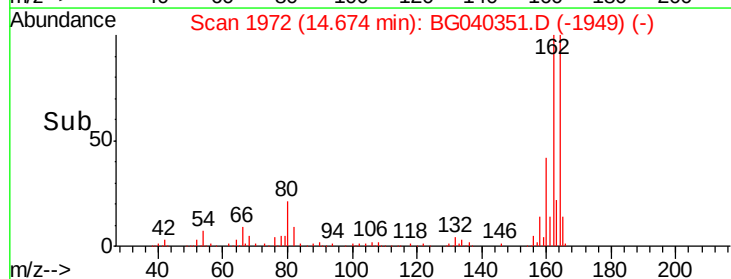
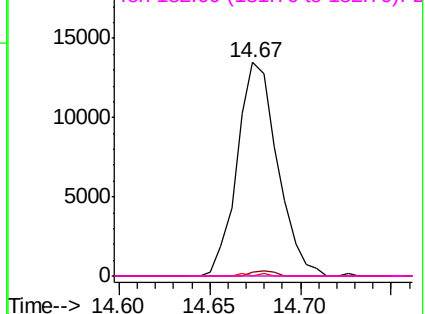
Abundance

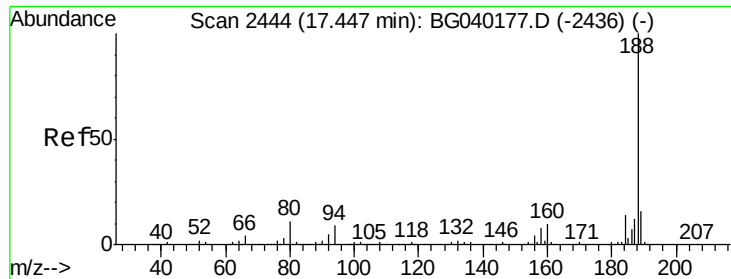
Ion 165.00 (164.70 to 165.70): E

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: BG040351.D

Acq: 4 Apr 2019 8:35

Instrument :

BNA_G

ClientSampleId :

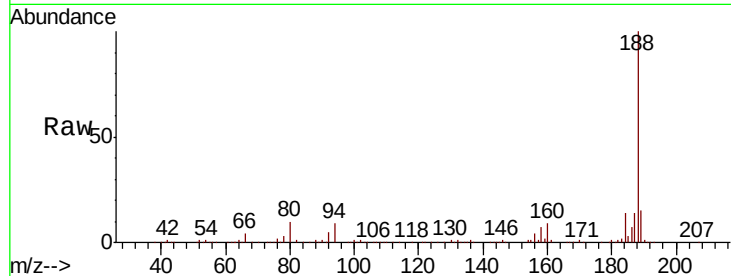
Tot Ion:188 Resp: 379236

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

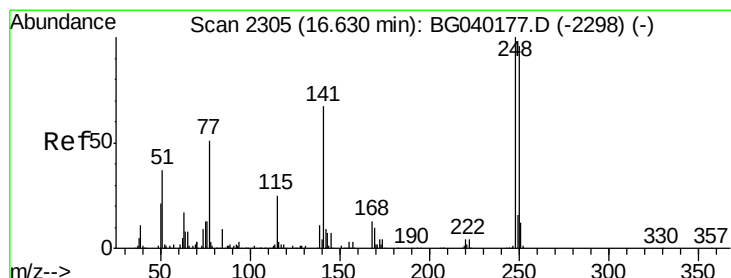
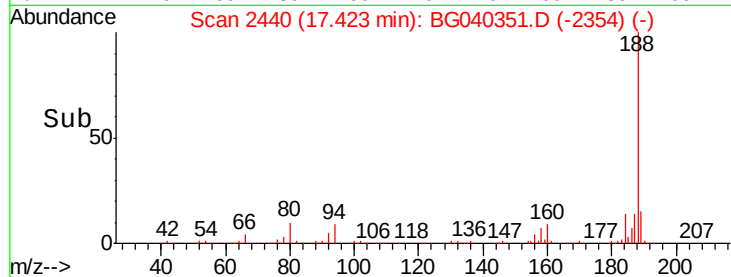
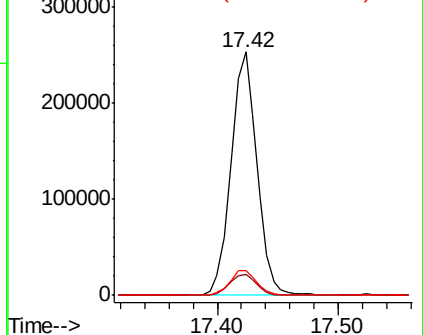
80 10.2 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.495 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.46 min

Lab File: BG040351.D

Acq: 4 Apr 2019 8:35

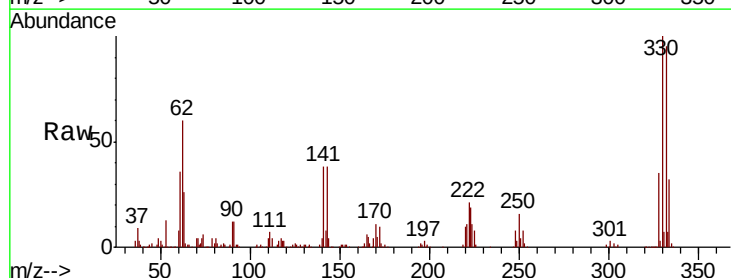
Tgt Ion:248 Resp: 19183

Ion Ratio Lower Upper

248 100

250 209.1 76.4 114.6#

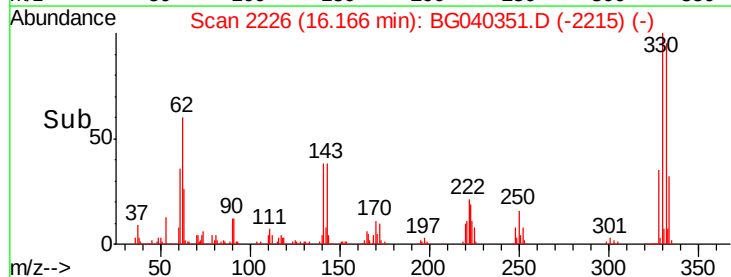
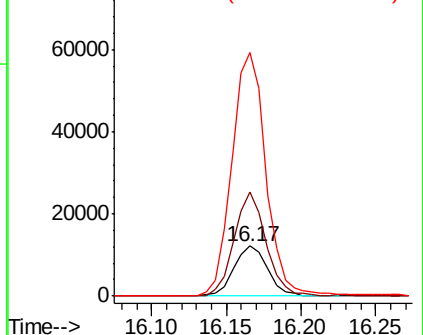
141 487.7 53.8 80.8#

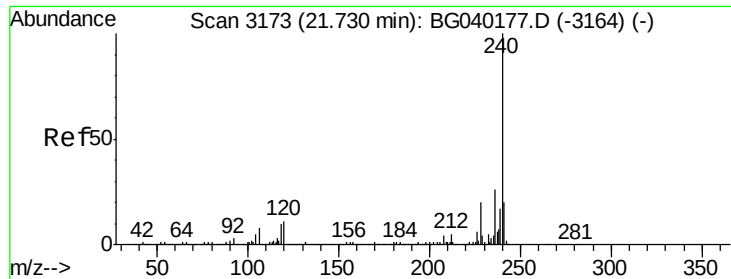


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

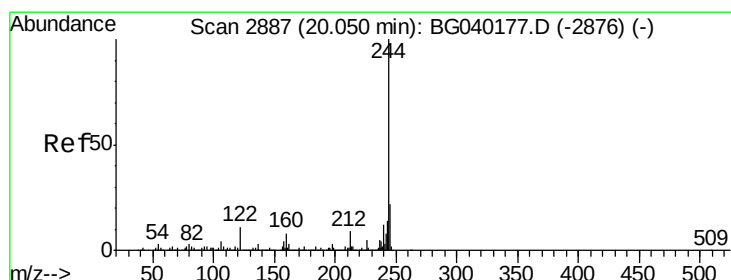
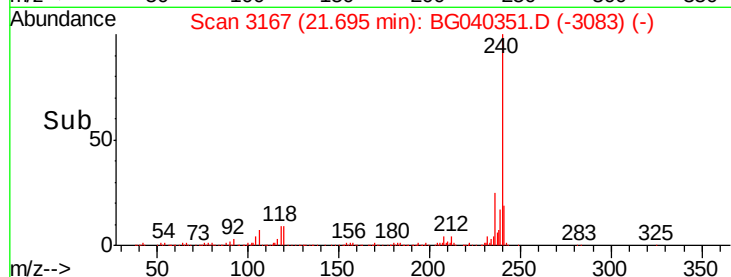
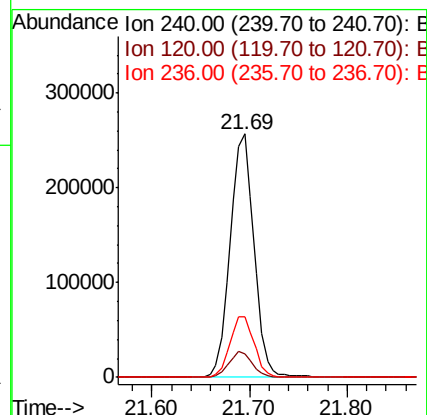
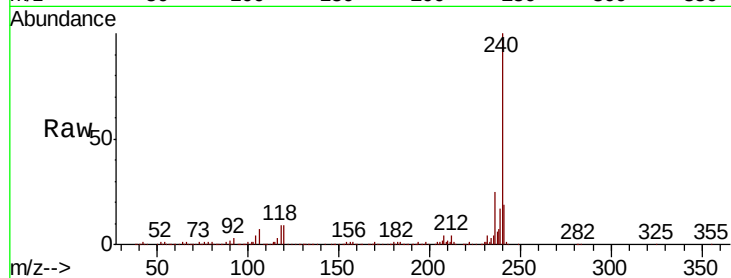




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.04 min
 Lab File: BG040351.D
 Acq: 4 Apr 2019 8:35

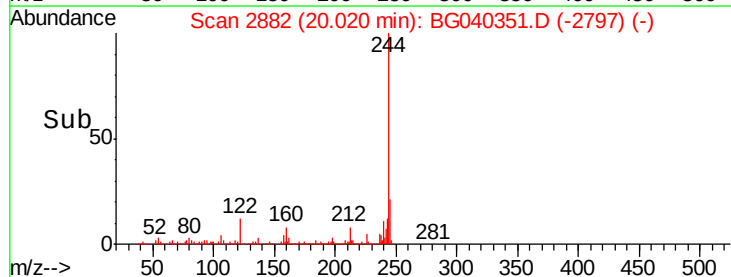
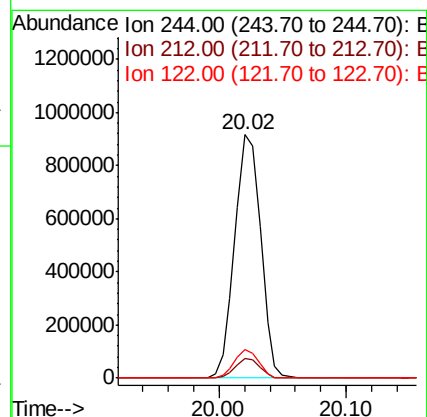
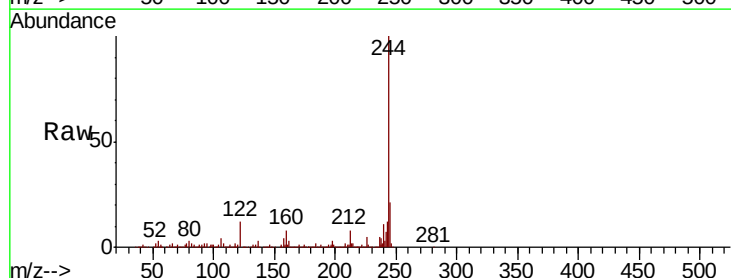
Instrument :
 BNA_G
 ClientSampleId :

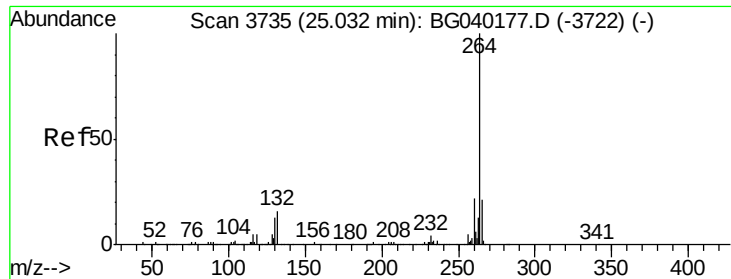
Tot Ion:240 Resp: 434384
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.4 12.6
 236 24.9 20.8 31.2



#79
 Terphenyl-d14
 Concen: 67.424 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.03 min
 Lab File: BG040351.D
 Acq: 4 Apr 2019 8:35

Tgt Ion:244 Resp: 1301895
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.6
 122 11.7 8.5 12.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	21.5	16.8	25.2

