

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040122.D
 Acq On : 25 Mar 2019 18:12
 Operator : JU/SJ
 Sample : PB118239TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118239TB

Quant Time: Mar 26 02:54:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	31685	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	131680	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	96278	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	258760	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	271276	20.00	ng	-0.03
87) Perylene-d12	25.15	264	260679	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	254413	136.98	ng	-0.02
7) Phenol-d6	7.29	99	361629	130.59	ng	-0.02
23) Nitrobenzene-d5	9.32	82	210625	86.51	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	154674	137.83	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	561494	83.04	ng	-0.03
79) Terphenyl-d14	20.11	244	1028363	83.47	ng	-0.02

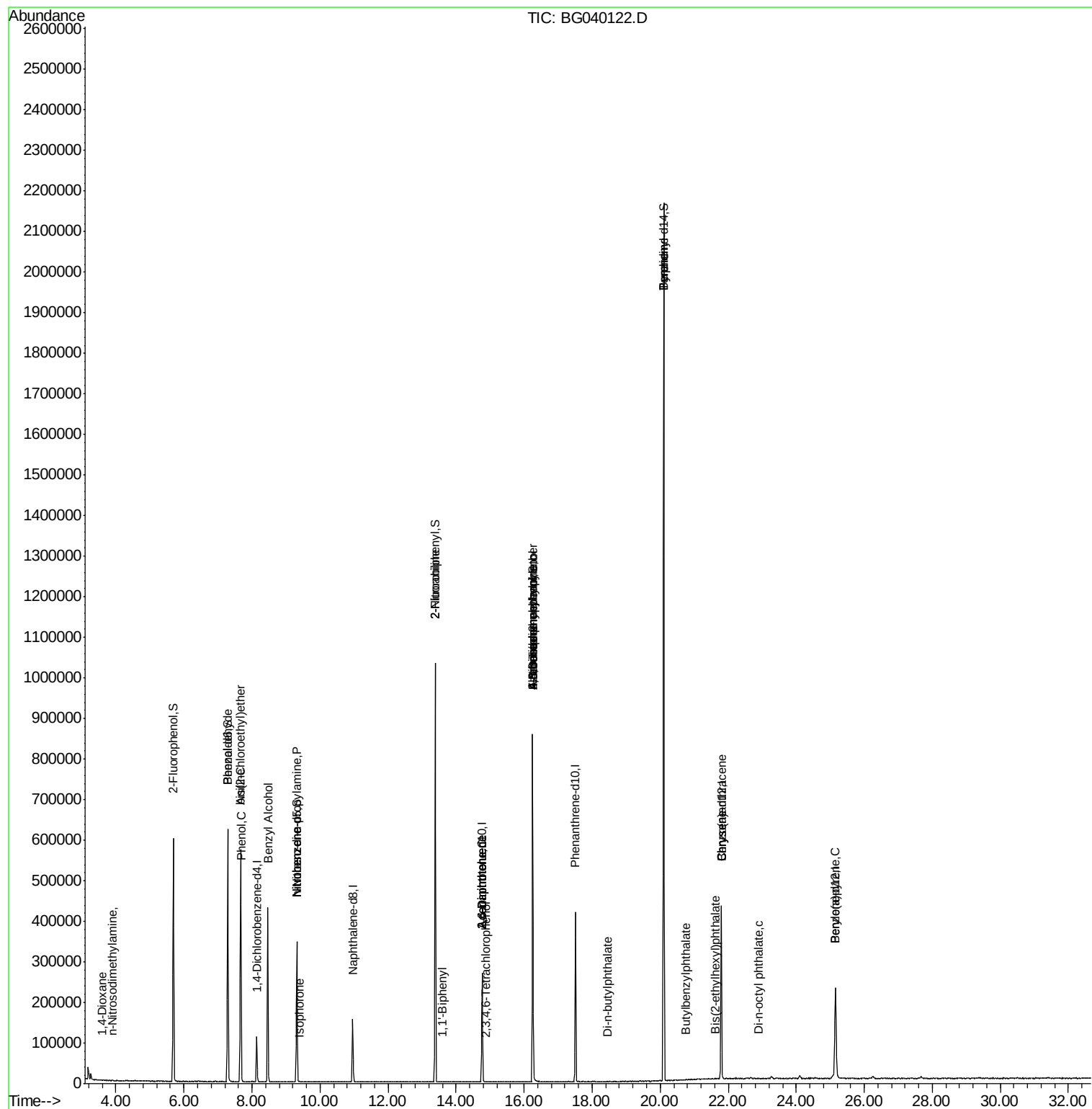
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	72	0.084	ng	# 1
4) n-Nitrosodimethylamine	3.90	42	60	0.055	ng	# 1
6) Aniline	7.66	93	345	0.095	ng	# 1
9) Benzaldehyde	7.29	77	459	0.257	ng	# 4
10) Phenol	7.68	94	612	0.204	ng	# 1
11) bis(2-Chloroethyl)ether	7.66	93	345	0.147	ng	# 1
15) Benzyl Alcohol	8.46	79	3488	1.588	ng	# 65
19) n-Nitroso-di-n-propylamine	9.32	70	27216	13.654	ng	# 64
24) Nitrobenzene	9.32	77	579	0.227	ng	# 41
25) Isophorone	9.40	82	498	0.098	ng	# 67
46) 1,1'-Biphenyl	13.60	154	699	0.088	ng	# 81
48) 2-Nitroaniline	13.39	65	1031	0.539	ng	# 1
51) 2,6-Dinitrotoluene	14.77	165	11443	6.705	ng	# 22
52) Acenaphthene	14.77	154	117	0.020	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	11443	4.772	ng	# 17
58) Fluorene	16.25	166	5999	0.790	ng	# 91
59) 2,3,4,6-Tetrachlorophenol	14.88	232	57	0.027	ng	# 39
63) Azobenzene	16.25	77	645	0.089	ng	# 37
65) 4,6-Dinitro-2-methylphenol	16.25	198	504	0.329	ng	# 1
66) n-Nitrosodiphenylamine	16.25	169	6296	0.840	ng	# 45
67) 4-Bromophenyl-phenylether	16.25	248	11940	4.122	ng	# 1
74) Di-n-butylphthalate	18.45	149	229	0.016	ng	# 77
77) Benzidine	20.10	184	17284	2.008	ng	# 94
78) Pyrene	20.10	202	4059	0.230	ng	# 78
80) Butylbenzylphthalate	20.74	149	56	0.008	ng	# 22
81) Benzo(a)anthracene	21.80	228	865	0.051	ng	# 50
83) Chrysene	21.80	228	865	0.052	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.62	149	55	0.006	ng	# 52
85) Di-n-octyl phthalate	22.89	149	67	0.004	ng	# 1
90) Benzo(a)pyrene	25.15	252	946	0.066	ng	# 55

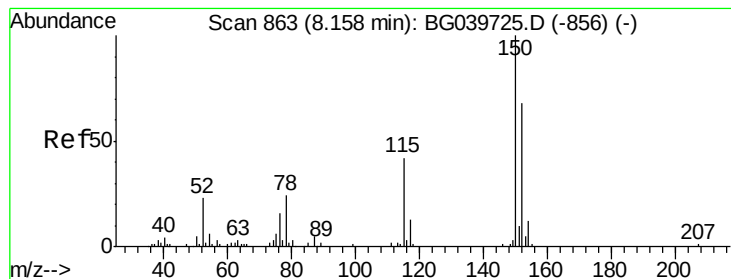
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040122.D

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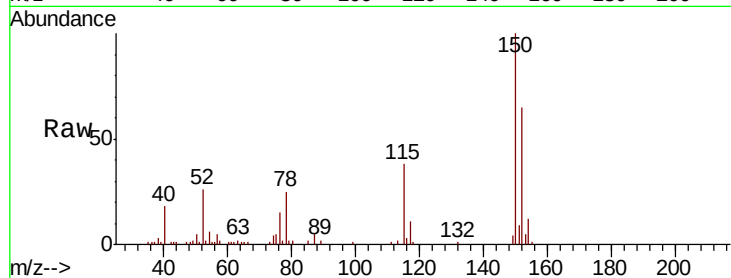
Tgt Ion:152 Resp: 31685

Ion Ratio Lower Upper

152 100

150 154.0 123.7 185.5

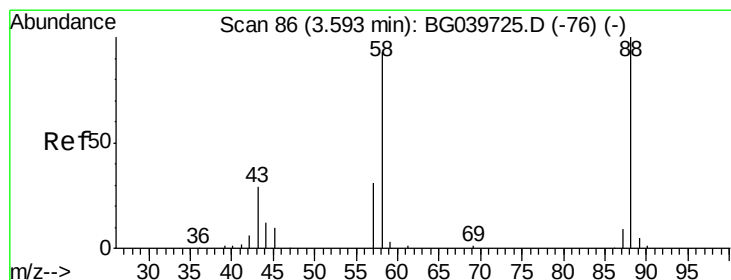
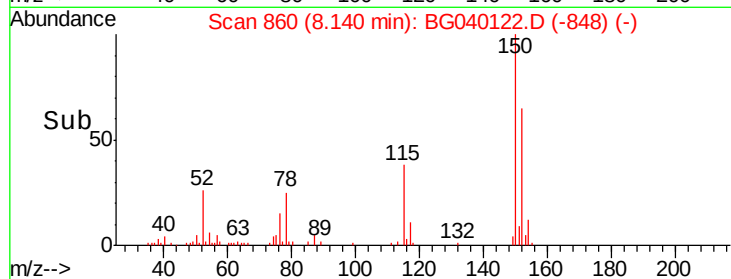
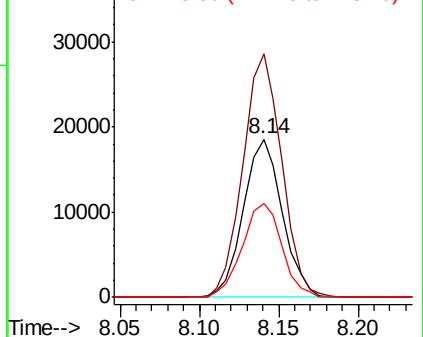
115 59.3 45.9 68.9



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



#2

1,4-Dioxane

Concen: 0.084 ng

RT: 3.59 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

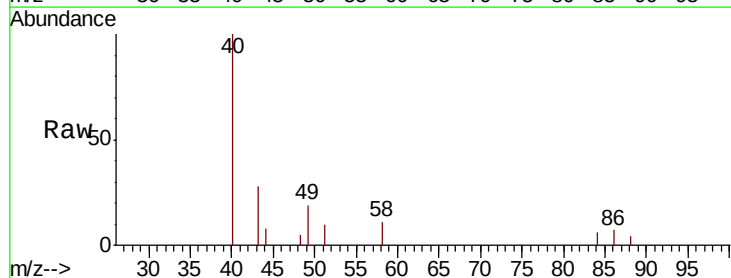
Tgt Ion: 88 Resp: 72

Ion Ratio Lower Upper

88 100

58 268.1 81.1 121.7#

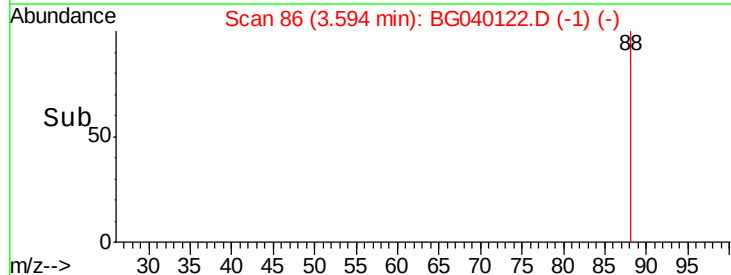
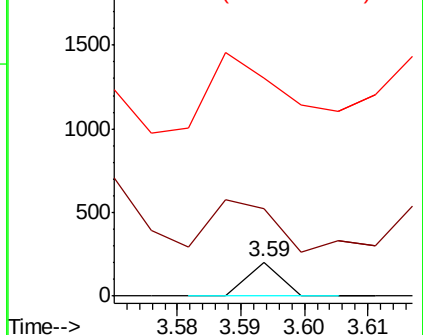
43 562.5 31.4 47.0#

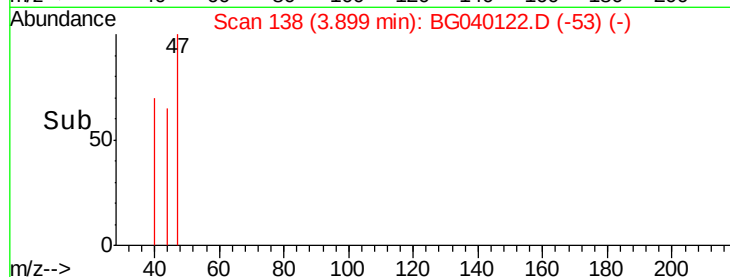
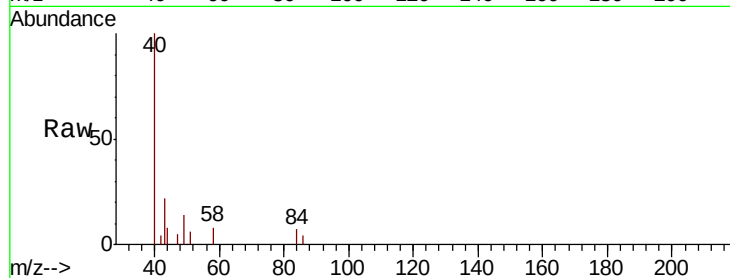
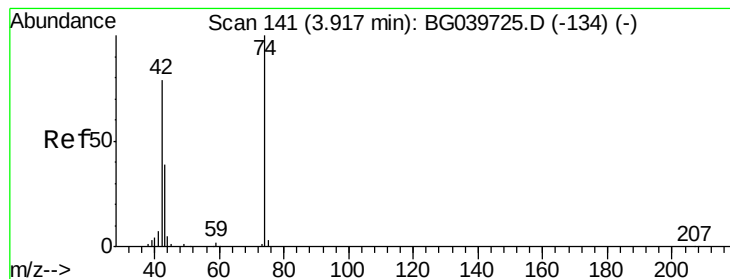


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.055 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

Instrument :

BNA_G

ClientSampleId :

PB118239TB

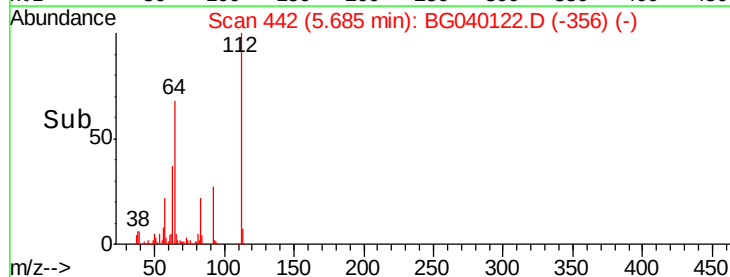
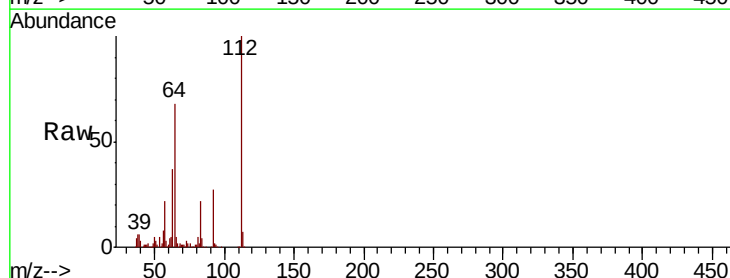
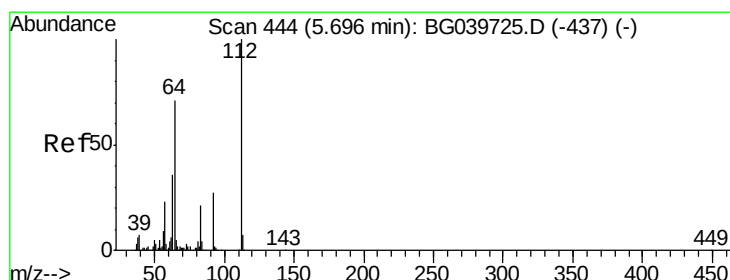
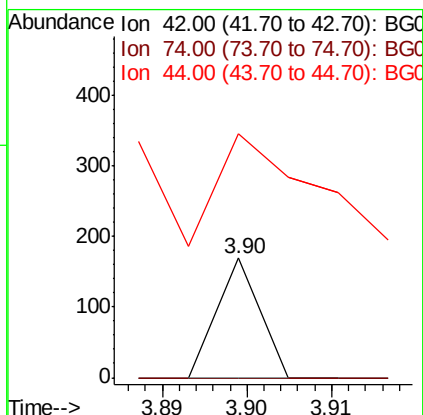
Tgt Ion: 42 Resp: 60

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

44 204.1 6.9 10.3#



#5

2-Fluorophenol

Concen: 136.983 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

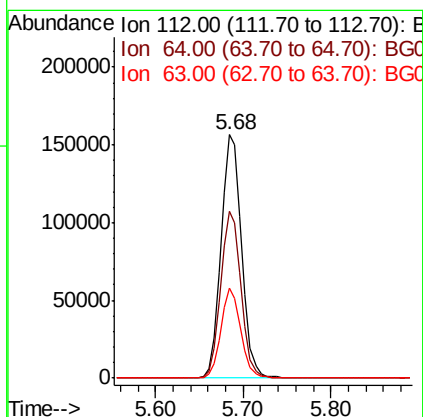
Tgt Ion: 112 Resp: 254413

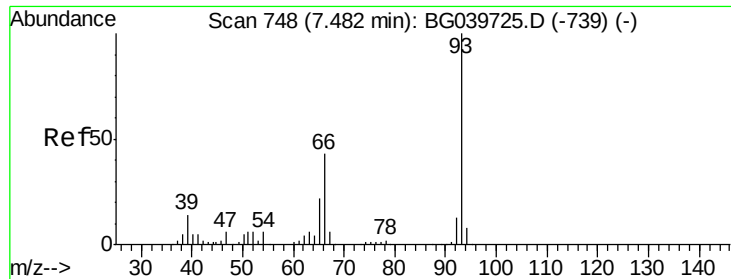
Ion Ratio Lower Upper

112 100

64 68.5 57.8 86.8

63 36.7 29.8 44.6





#6

Aniline

Concen: 0.095 ng

RT: 7.66 min Scan# 779

Delta R.T. 0.17 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

Instrument :

BNA_G

ClientSampleId :

PB118239TB

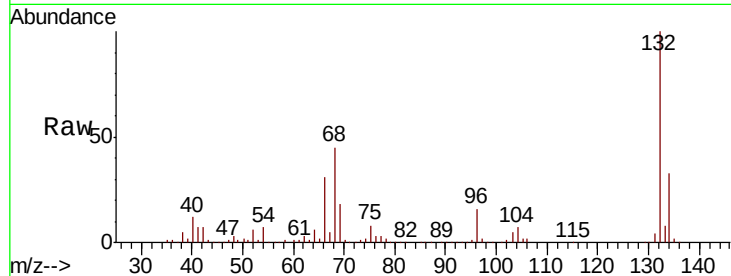
Tgt Ion: 93 Resp: 345

Ion Ratio Lower Upper

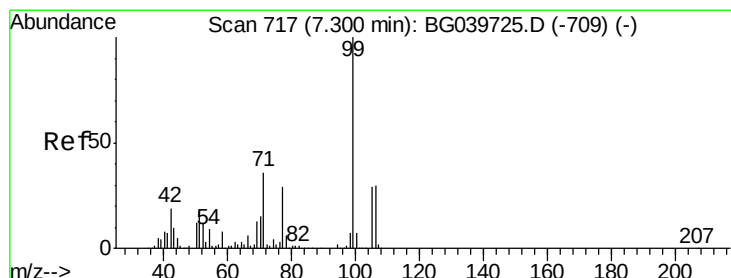
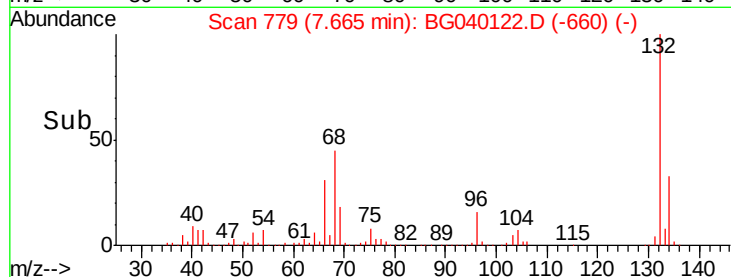
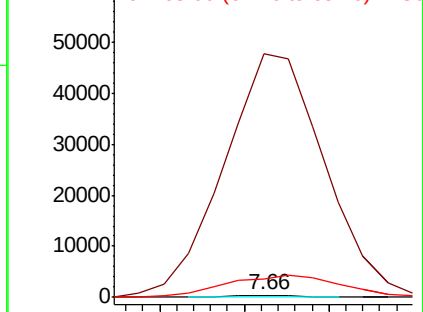
93 100

66 13366.9 34.2 51.4#

65 1019.9 17.7 26.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 130.586 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

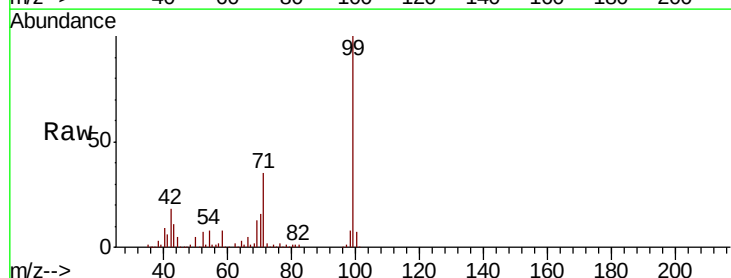
Tgt Ion: 99 Resp: 361629

Ion Ratio Lower Upper

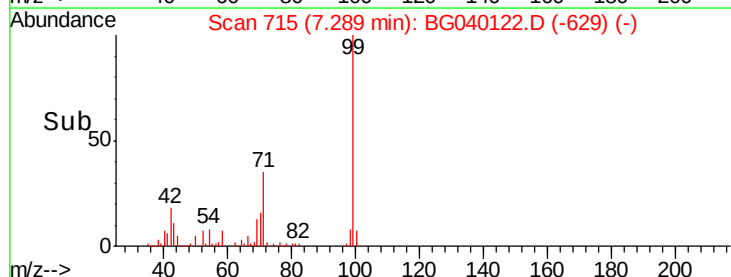
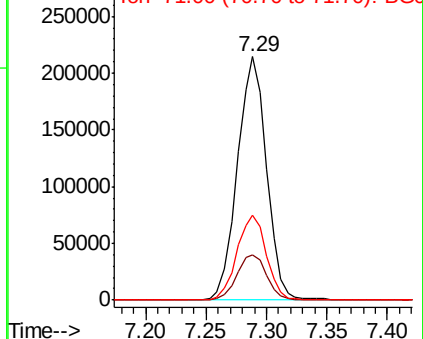
99 100

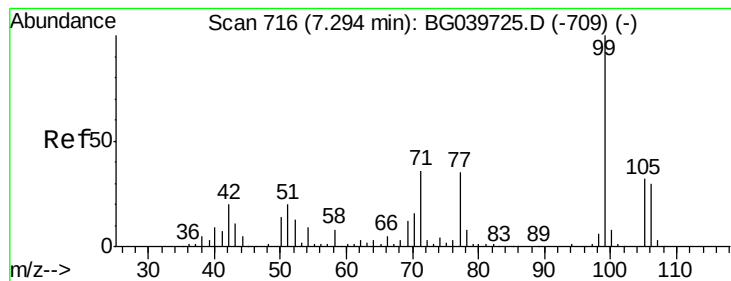
42 18.4 18.2 27.2

71 34.9 28.0 42.0



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





#9

Benzaldehyde

Concen: 0.257 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

Instrument :

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PB118239TB

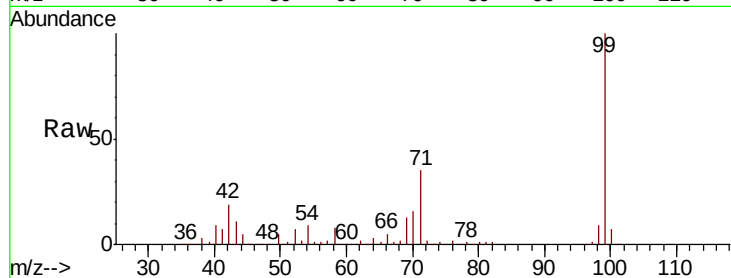
Tgt Ion: 77 Resp: 459

Ion Ratio Lower Upper

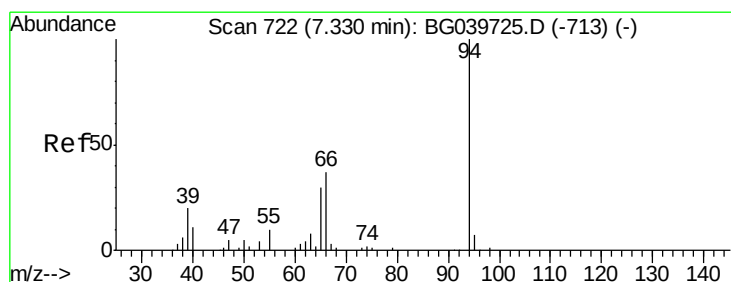
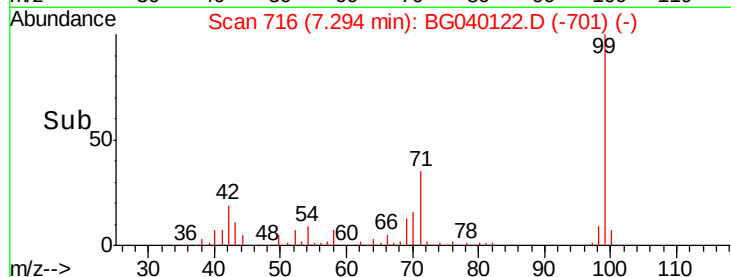
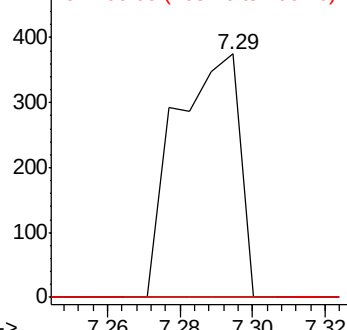
77 100

105 0.0 74.5 114.5#

106 0.0 68.0 108.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.204 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.35 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

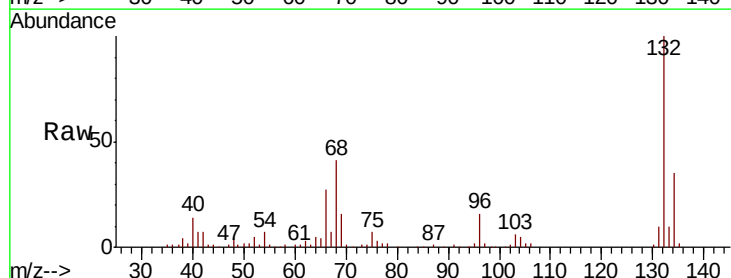
Tgt Ion: 94 Resp: 612

Ion Ratio Lower Upper

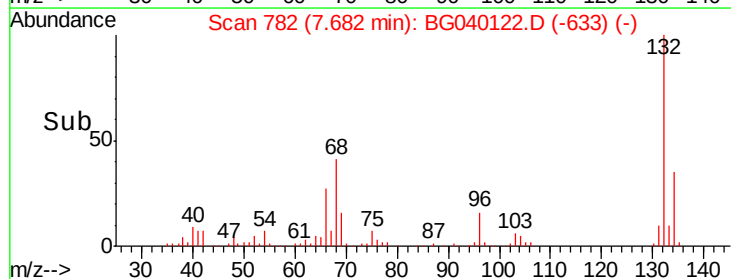
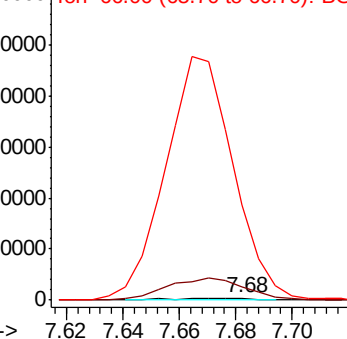
94 100

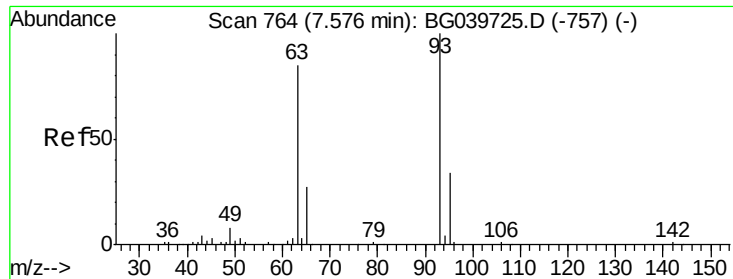
65 648.4 11.7 51.7#

66 4735.2 23.7 63.7#



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

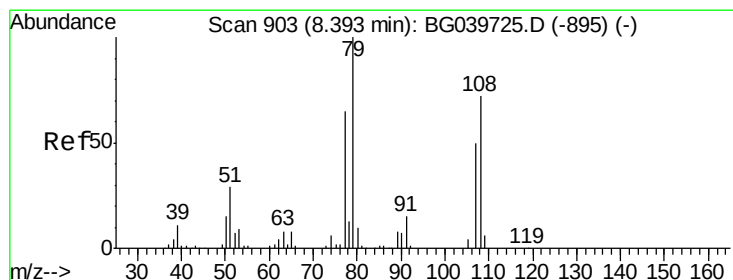
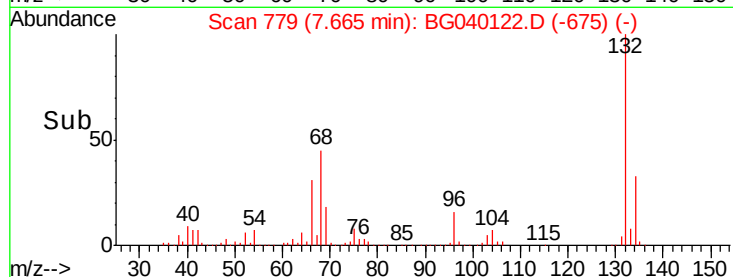
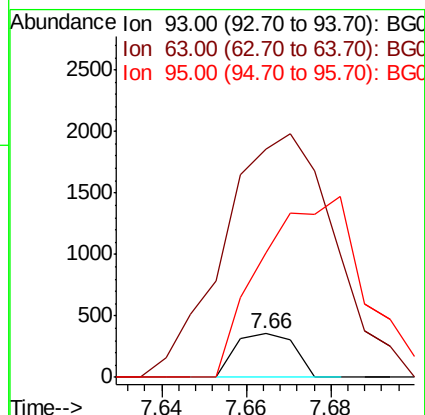
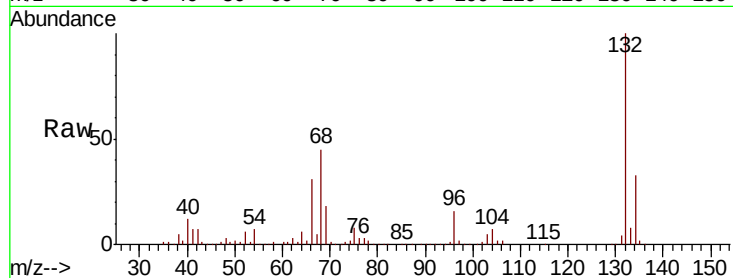




#11
bis(2-Chloroethyl)ether
Concen: 0.147 ng
RT: 7.66 min Scan# 779
Delta R.T. 0.08 min
Lab File: BG040122.D
Acq: 25 Mar 2019 18:12

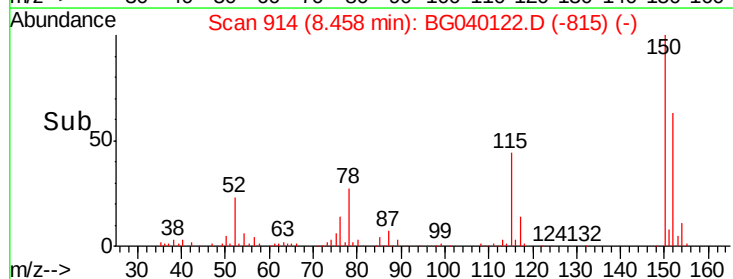
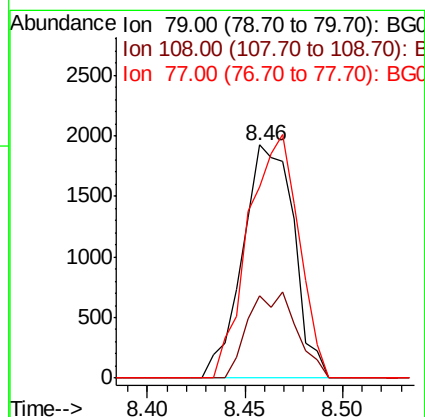
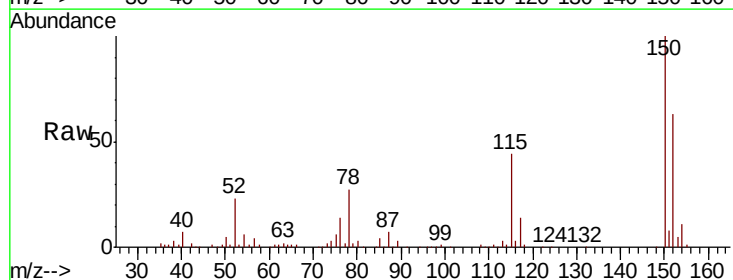
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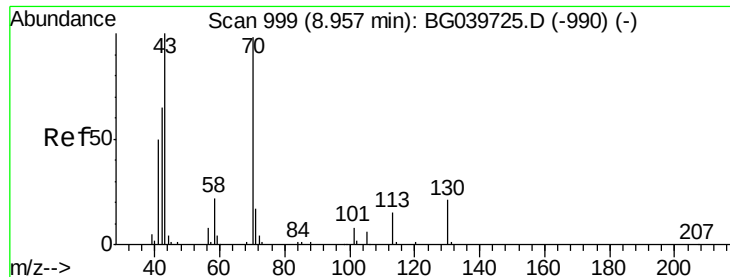
Tgt Ion: 93 Resp: 345
Ion Ratio Lower Upper
93 100
63 518.8 69.5 109.5#
95 284.3 12.7 52.7#



#15
Benzyl Alcohol
Concen: 1.588 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.05 min
Lab File: BG040122.D
Acq: 25 Mar 2019 18:12

Tgt Ion: 79 Resp: 3488
Ion Ratio Lower Upper
79 100
108 35.1 57.8 86.6#
77 82.1 51.1 76.7#

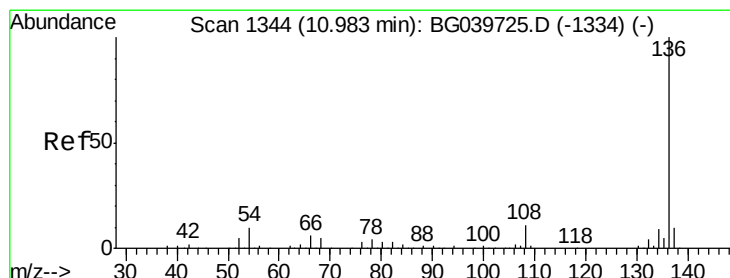
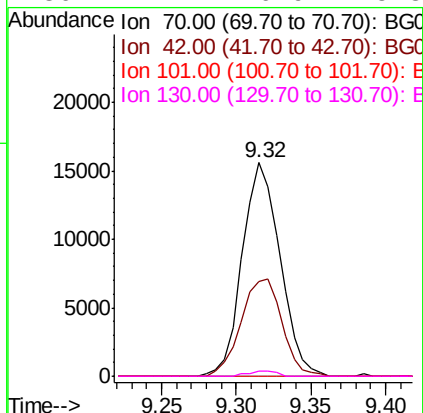
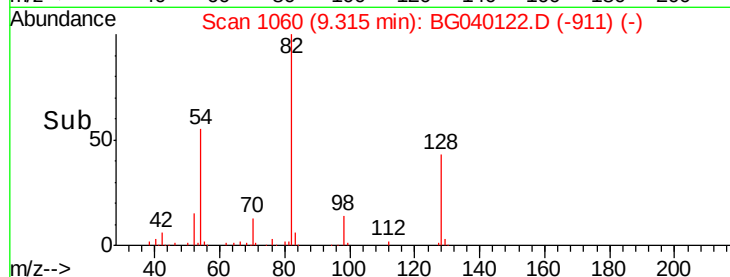
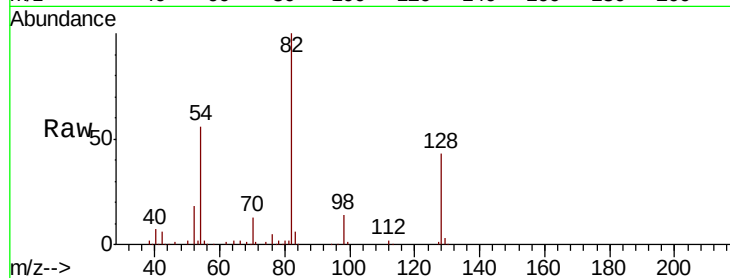




#19
n-Nitroso-di-n-propylamine
Concen: 13.654 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040122.D
Acq: 25 Mar 2019 18:12

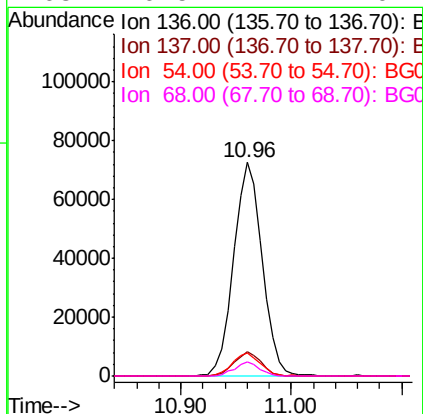
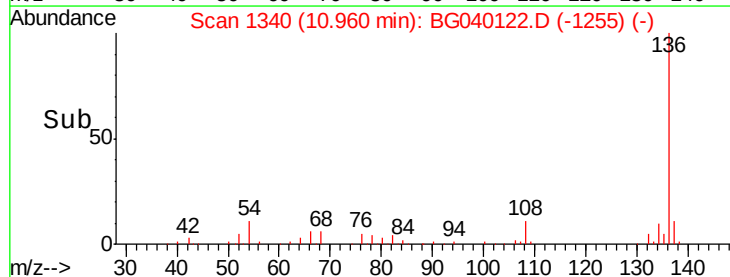
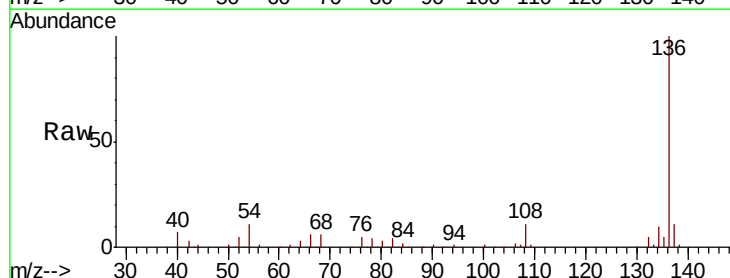
Instrument :
BNA_G
ClientSampleId :
PB118239TB

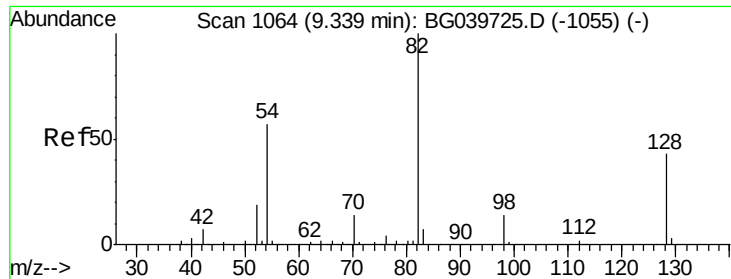
Tgt Ion: 70 Resp: 27216
Ion Ratio Lower Upper
70 100
42 44.1 60.4 90.6#
101 0.0 7.5 11.3#
130 2.1 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040122.D
Acq: 25 Mar 2019 18:12

Tgt Ion: 136 Resp: 131680
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 10.6 9.4 14.2
68 6.5 4.2 6.4#

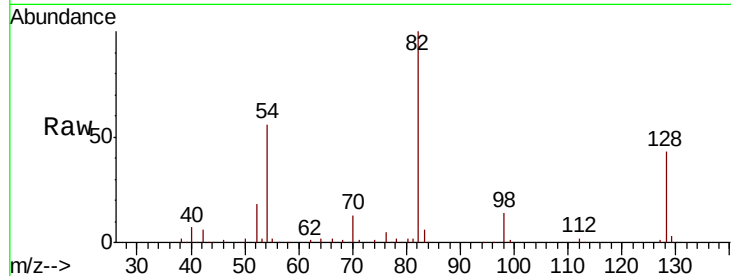




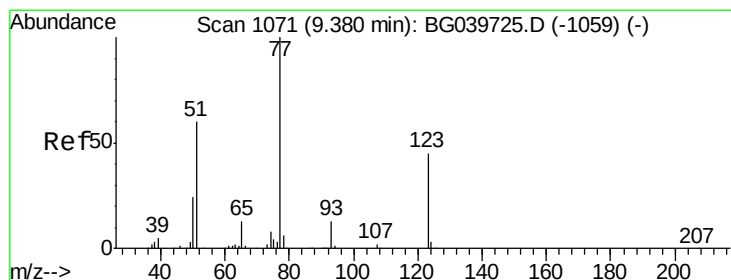
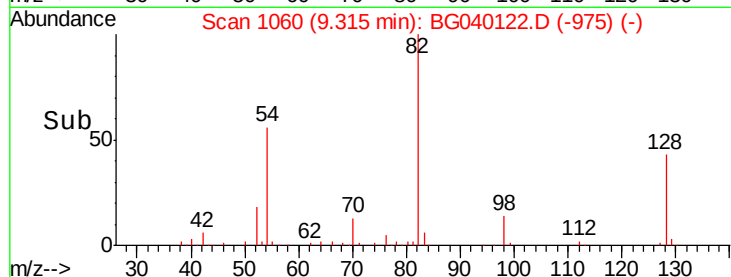
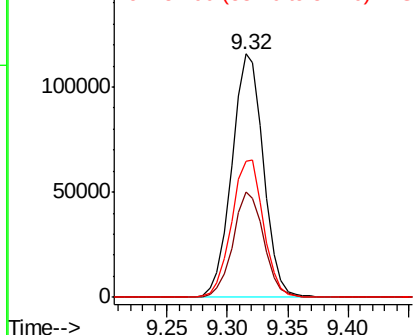
#23
 Nitrobenzene-d5
 Concen: 86.509 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040122.D
 Acq: 25 Mar 2019 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB118239TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.3	46.9
54	56.0	50.9	76.3

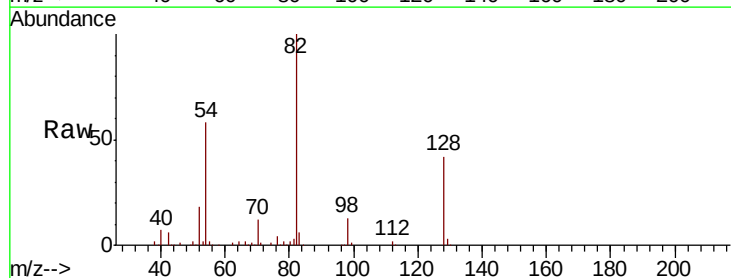


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

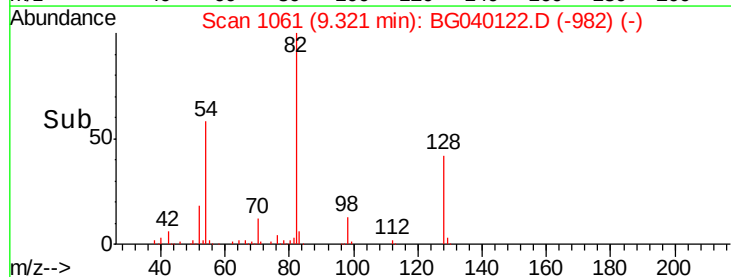
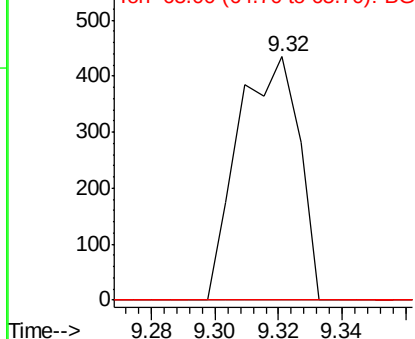


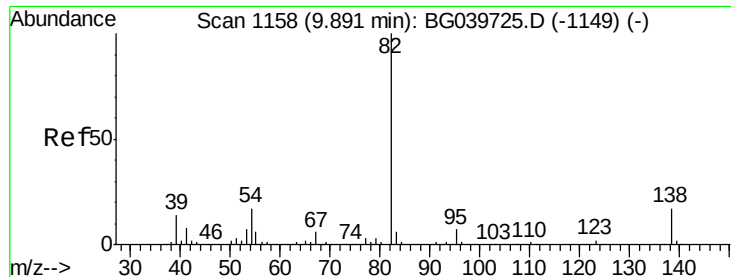
#24
 Nitrobenzene
 Concen: 0.227 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.07 min
 Lab File: BG040122.D
 Acq: 25 Mar 2019 18:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	0.0	12.3	18.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.098 ng

RT: 9.40 min Scan# 1075

Delta R.T. -0.49 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

Instrument :

BNA_G

ClientSampleId :

PB118239TB

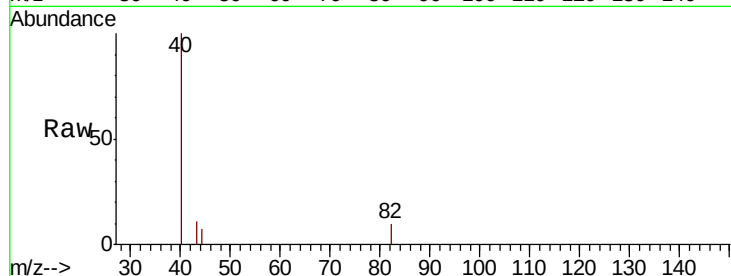
Tgt Ion: 82 Resp: 498

Ion Ratio Lower Upper

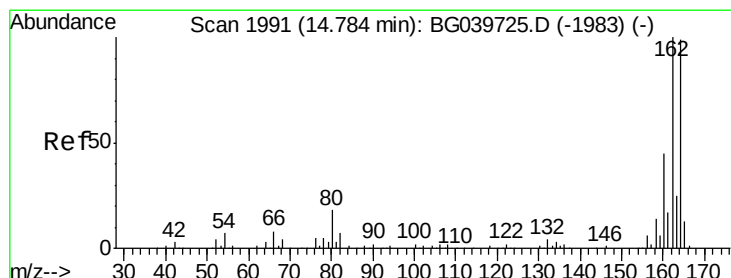
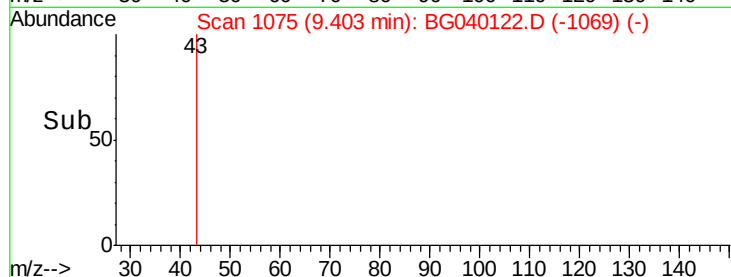
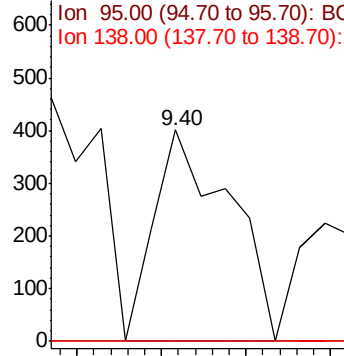
82 100

95 0.0 6.2 9.2#

138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

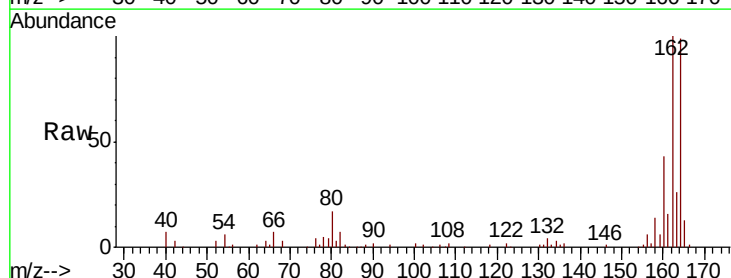
Tgt Ion: 164 Resp: 96278

Ion Ratio Lower Upper

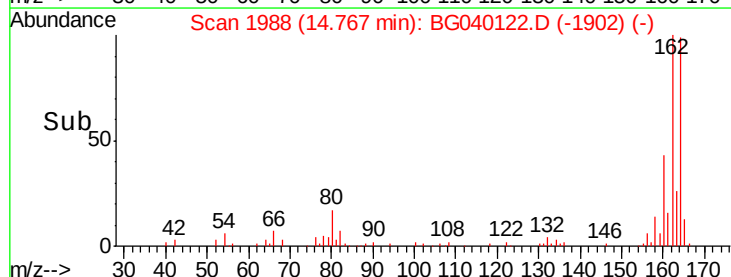
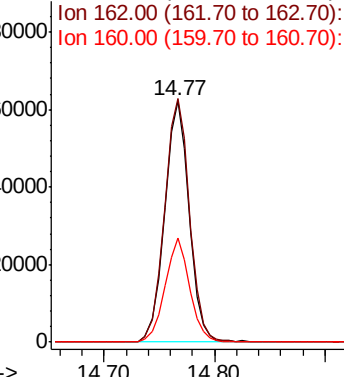
164 100

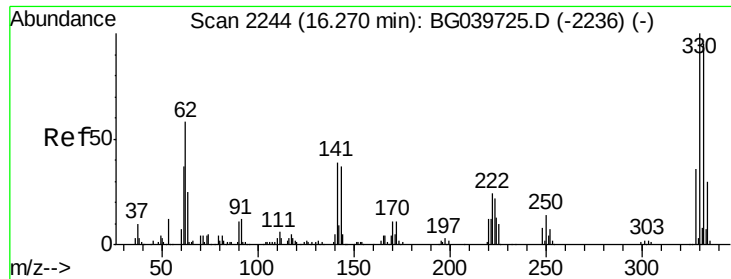
162 101.0 81.6 122.4

160 43.2 34.2 51.2



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: 137.832 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

Instrument :

BNA_G

ClientSampleId :

PB118239TB

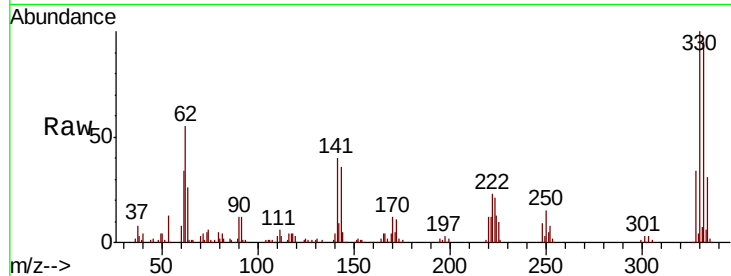
Tgt Ion:330 Resp: 154674

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

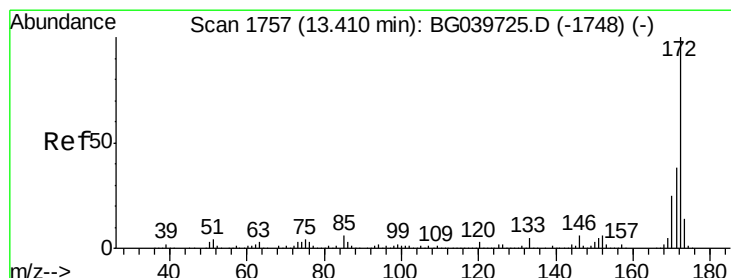
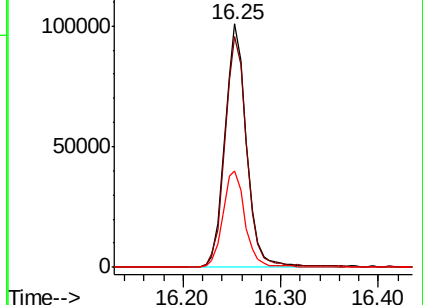
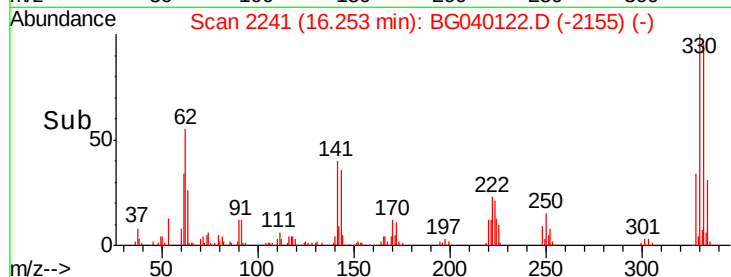
141 40.5 35.6 53.4



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: 83.038 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.03 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

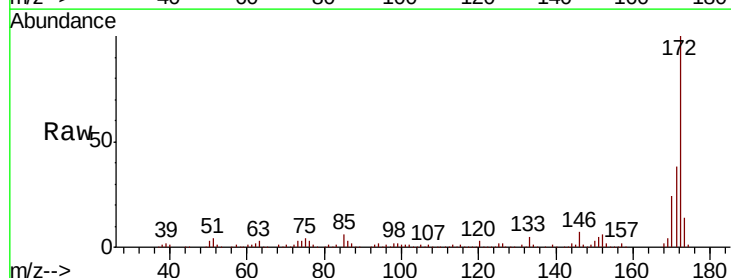
Tgt Ion:172 Resp: 561494

Ion Ratio Lower Upper

172 100

171 37.5 30.8 46.2

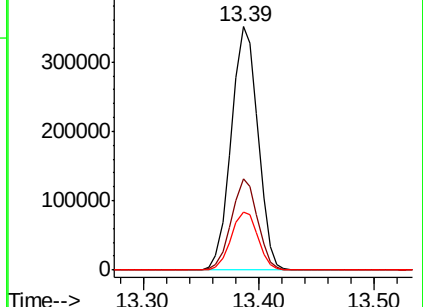
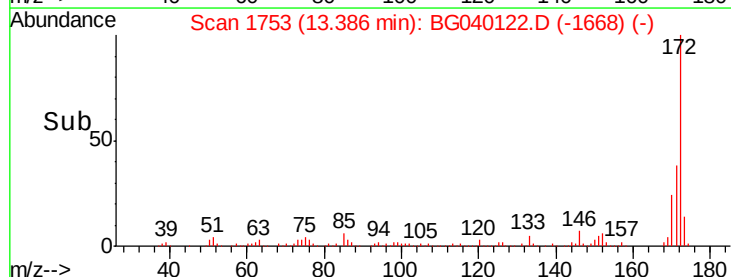
170 23.7 20.2 30.4

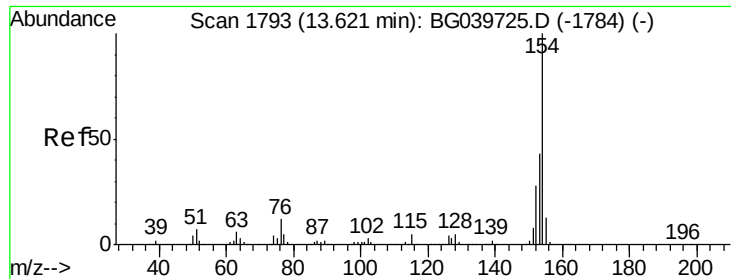


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

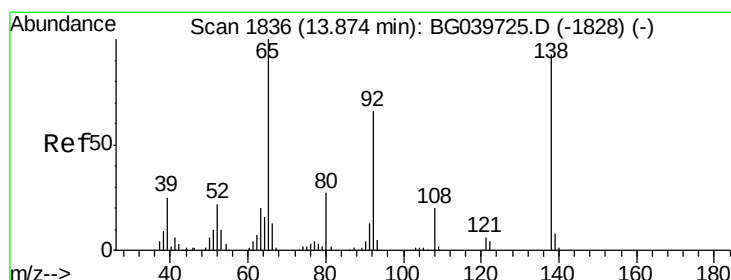
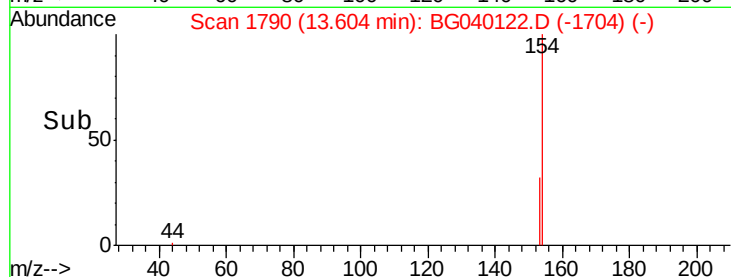
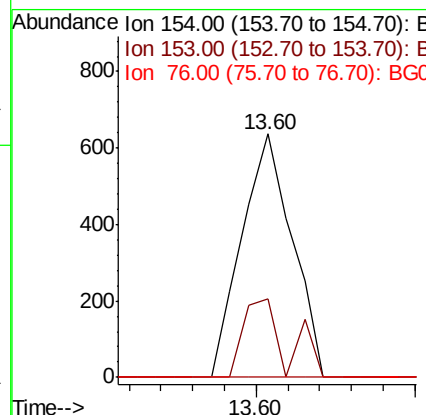
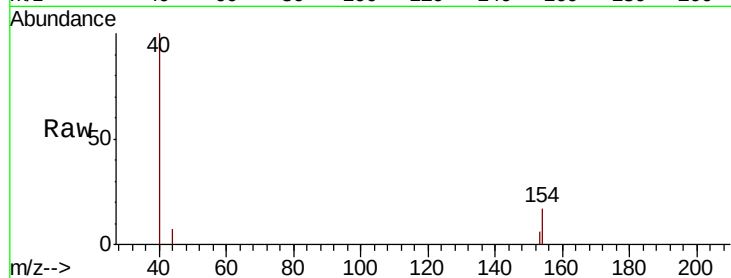




#46
1,1'-Biphenyl
Concen: 0.088 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040122.D
Acq: 25 Mar 2019 18:12

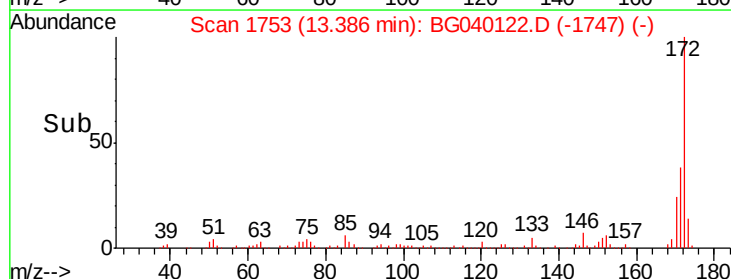
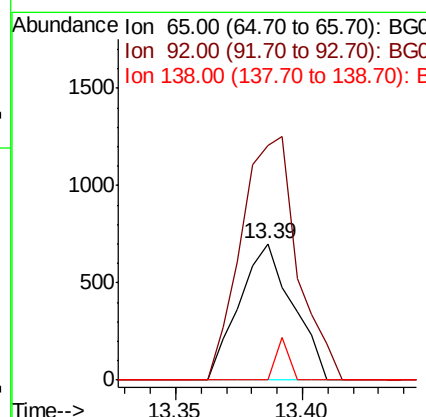
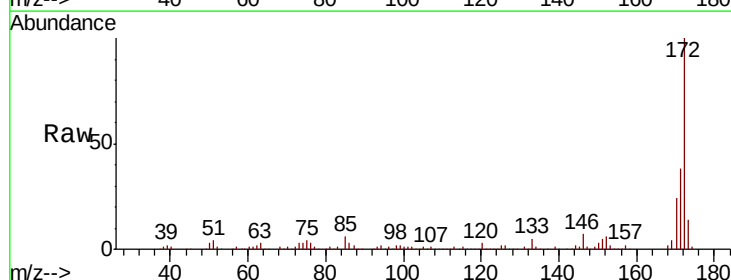
Instrument :
BNA_G
ClientSampleId :
PB118239TB

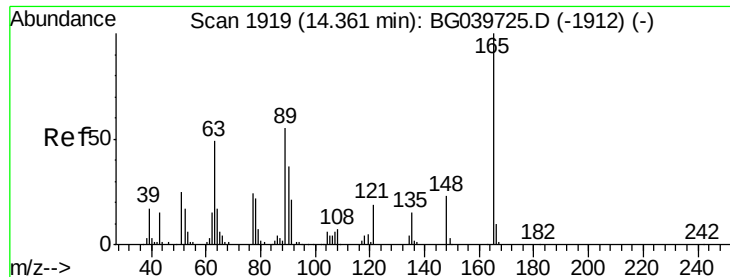
Tgt Ion: 154 Resp: 699
Ion Ratio Lower Upper
154 100
153 32.0 22.1 62.1
76 0.0 0.0 32.4



#48
2-Nitroaniline
Concen: 0.539 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.49 min
Lab File: BG040122.D
Acq: 25 Mar 2019 18:12

Tgt Ion: 65 Resp: 1031
Ion Ratio Lower Upper
65 100
92 172.5 51.4 77.2#
138 0.0 71.4 107.2#





#51

2,6-Dinitrotoluene

Concen: 6.705 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.40 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

Instrument :

BNA_G

ClientSampleId :

PB118239TB

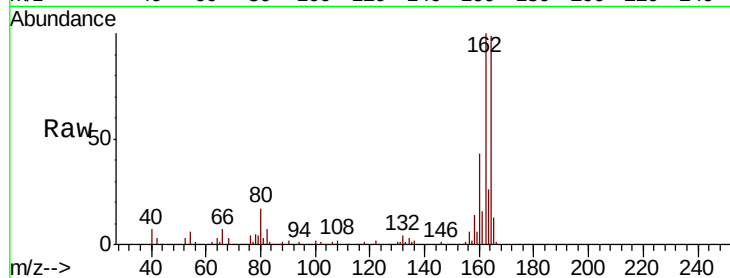
Tgt Ion:165 Resp: 11443

Ion Ratio Lower Upper

165 100

63 0.0 47.0 70.6#

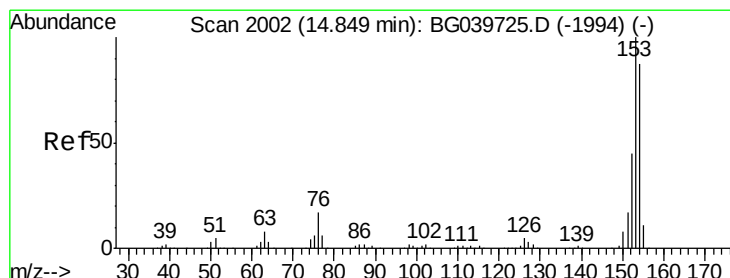
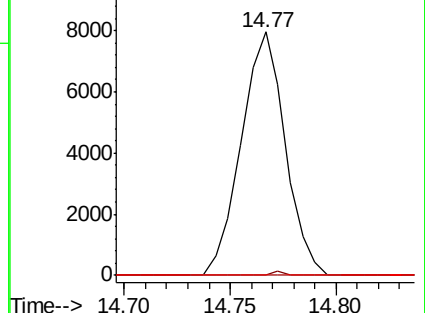
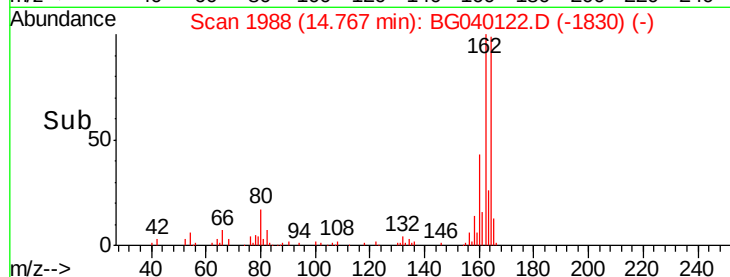
89 0.0 45.8 68.8#



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



#52

Acenaphthene

Concen: 0.020 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.08 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

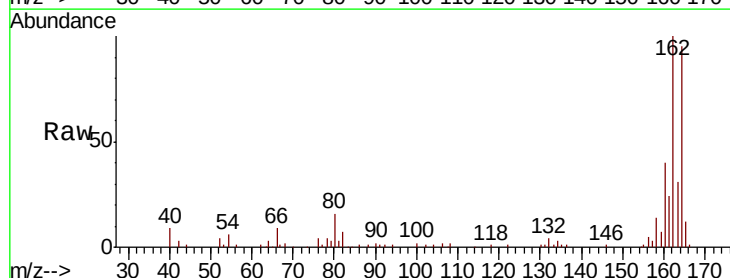
Tgt Ion:154 Resp: 117

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

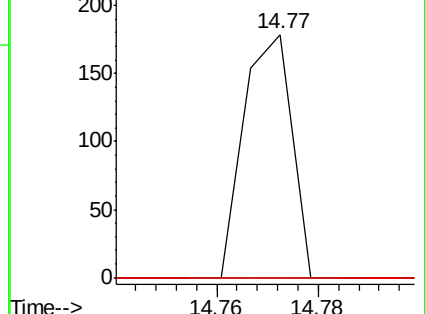
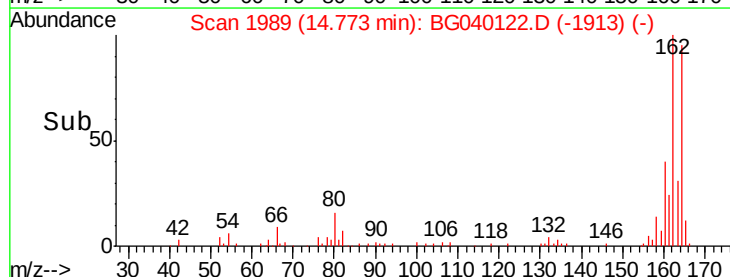
152 0.0 40.9 61.3#

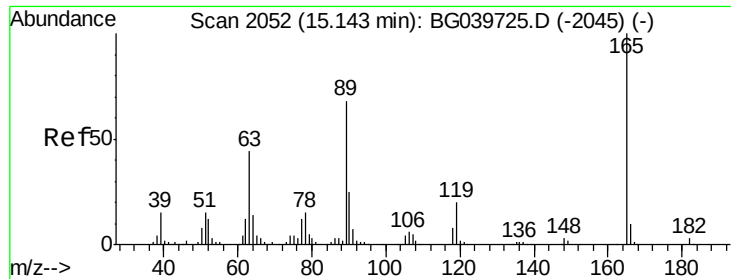


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

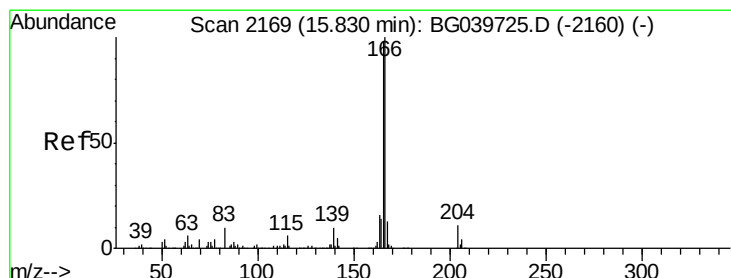
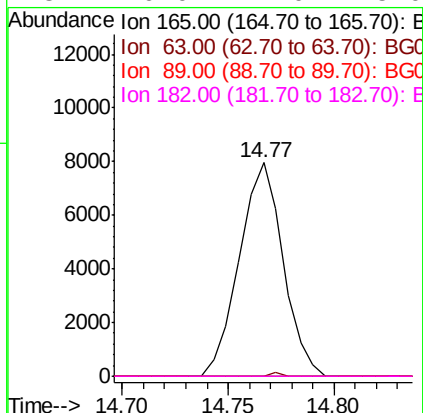
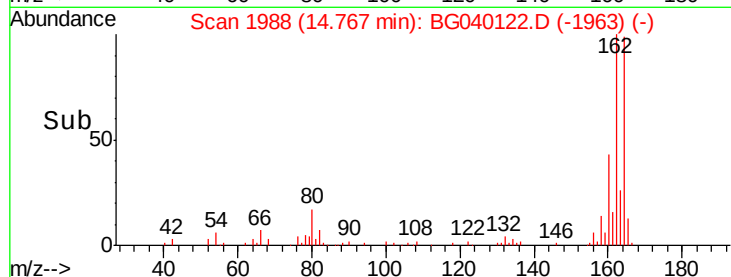
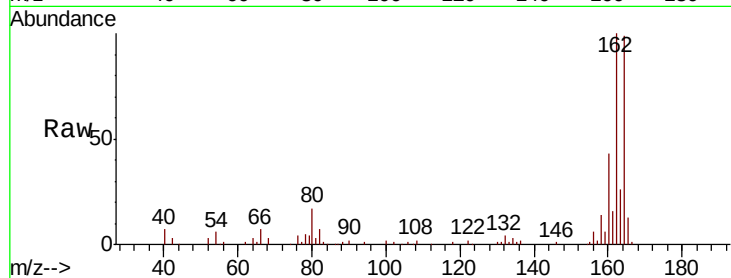




#57
 2,4-Dinitrotoluene
 Concen: 4.772 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG040122.D
 Acq: 25 Mar 2019 18:12

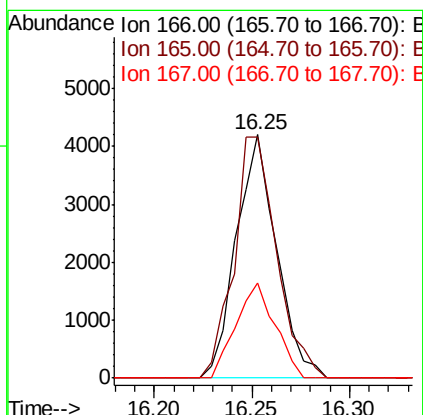
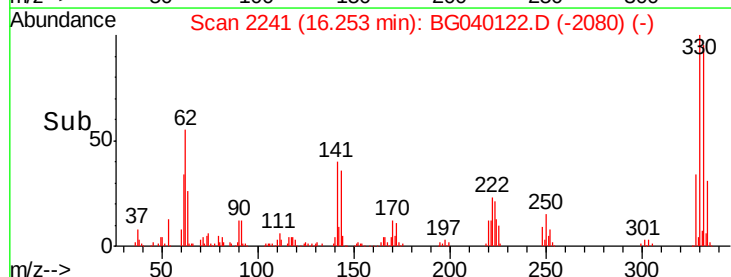
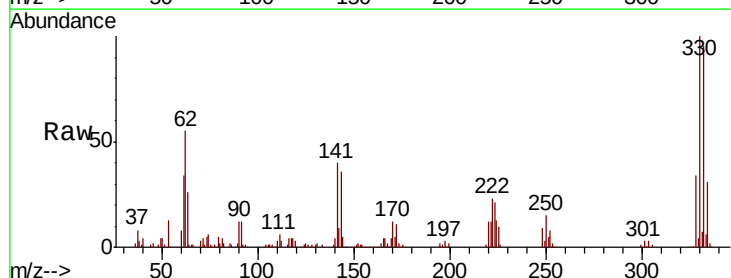
Instrument :
 BNA_G
 ClientSampleId :
 PB118239TB

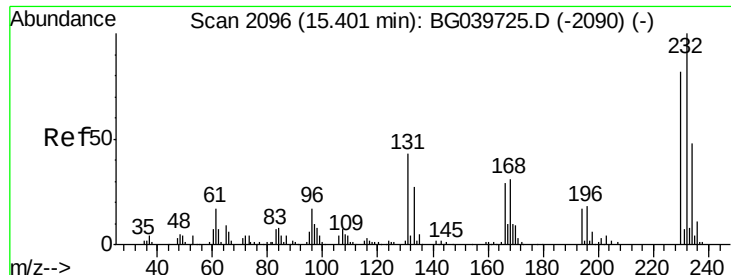
Tgt Ion:	165	Resp:	11443
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



#58
 Fluorene
 Concen: 0.790 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.42 min
 Lab File: BG040122.D
 Acq: 25 Mar 2019 18:12

Tgt Ion:	166	Resp:	5999
Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.9	116.9
167	39.2	10.8	16.2#

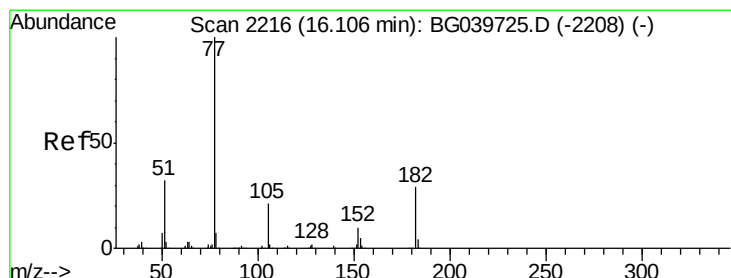
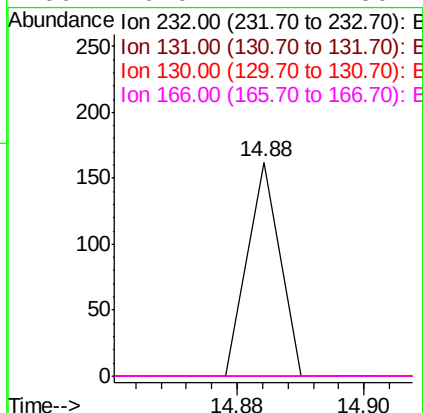
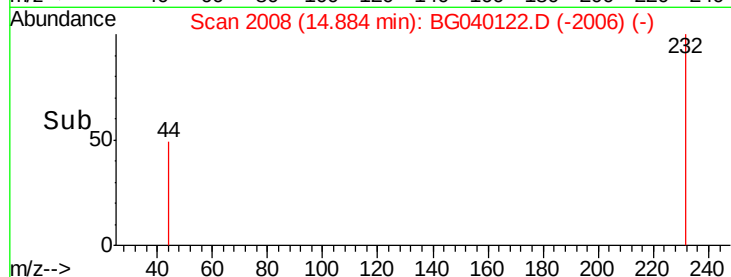
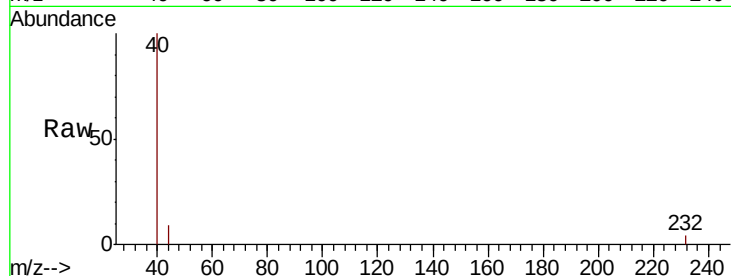




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.027 ng
 RT: 14.88 min Scan# 2008
 Delta R.T. -0.52 min
 Lab File: BG040122.D
 Acq: 25 Mar 2019 18:12

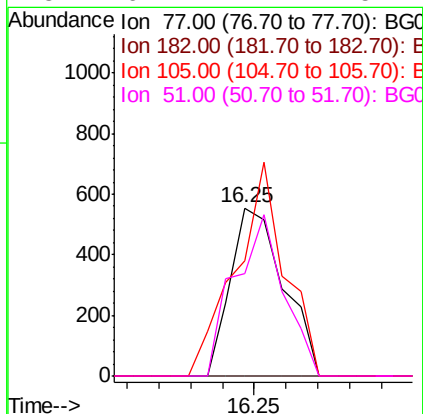
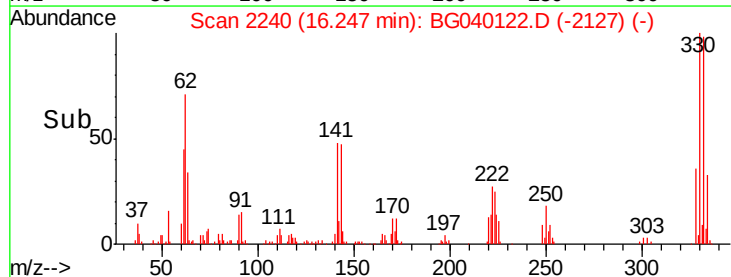
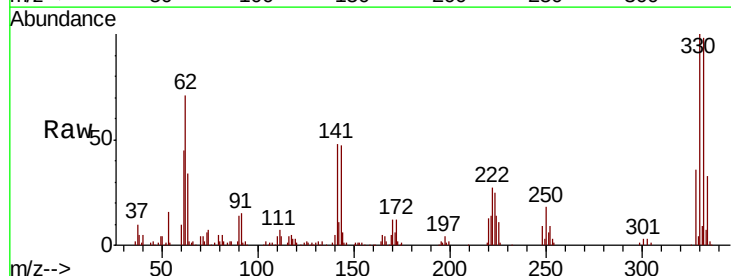
Instrument :
 BNA_G
 ClientSampleId :
 PB118239TB

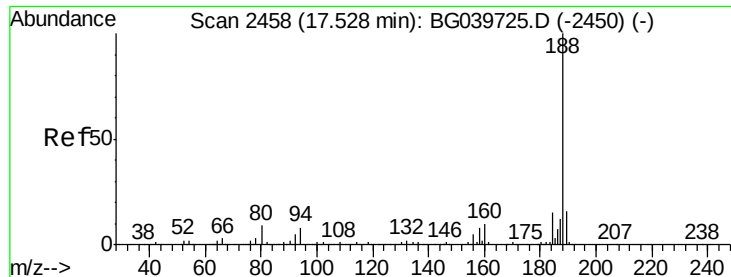
Tgt Ion	Ratio	Lower	Upper
232	100		
131	0.0	34.9	52.3#
130	0.0	2.0	3.0#
166	0.0	24.1	36.1#



#63
 Azobenzene
 Concen: 0.089 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. 0.13 min
 Lab File: BG040122.D
 Acq: 25 Mar 2019 18:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.4	46.4#
105	68.6	0.0	39.8#
51	61.4	14.1	54.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

Instrument :

BNA_G

ClientSampleId :

PB118239TB

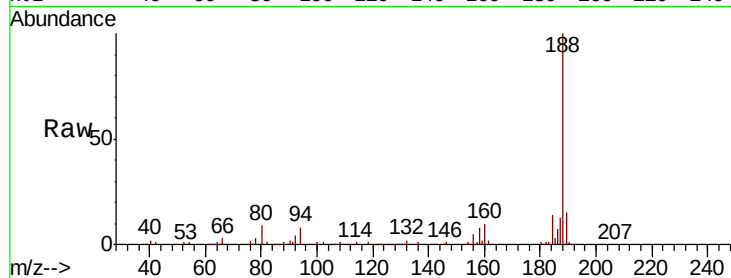
Tgt Ion:188 Resp: 258760

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

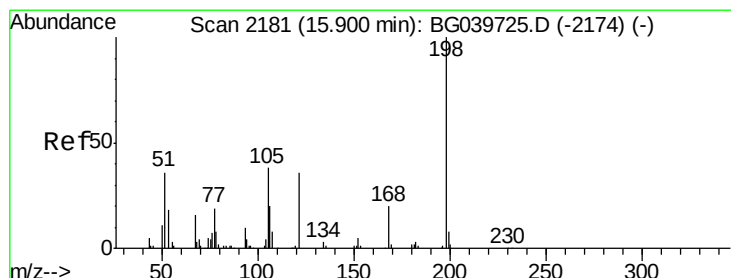
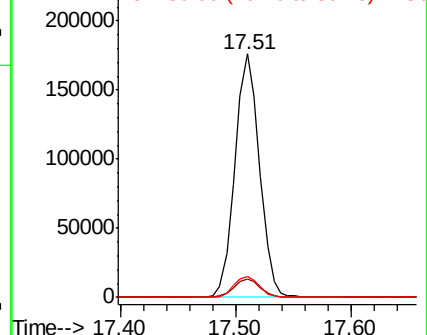
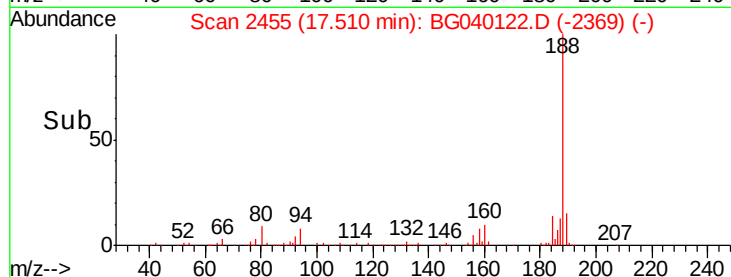
80 8.6 8.1 12.1



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



#65

4,6-Dinitro-2-methylphenol

Concen: 0.329 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.35 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

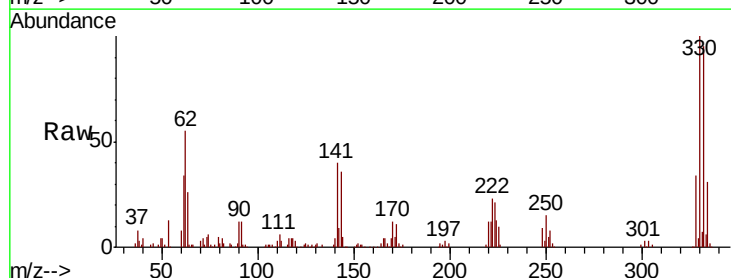
Tgt Ion:198 Resp: 504

Ion Ratio Lower Upper

198 100

51 124.5 27.4 67.4#

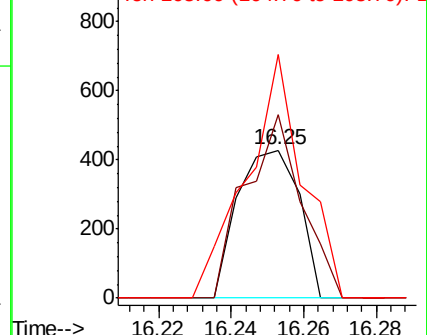
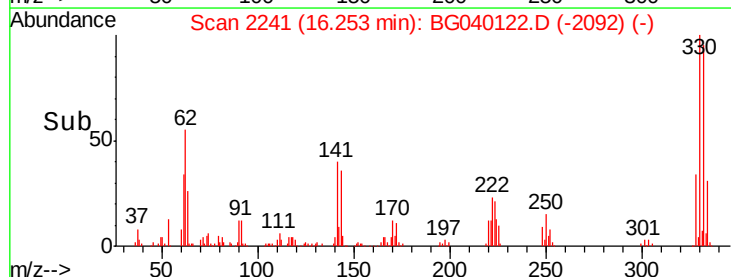
105 164.7 19.7 59.7#

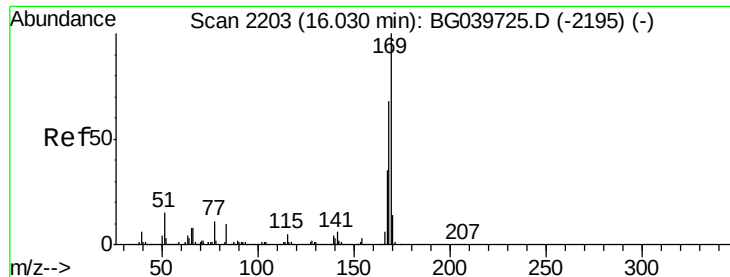


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

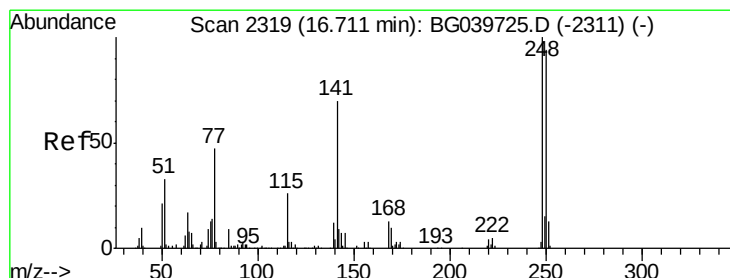
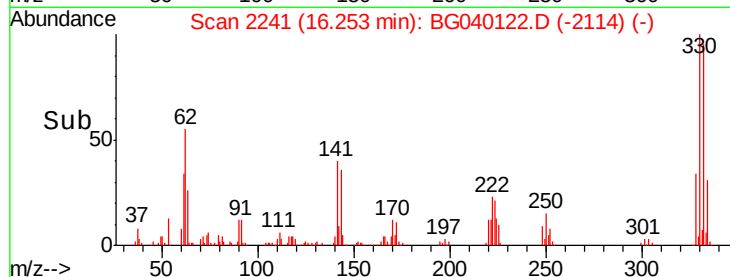
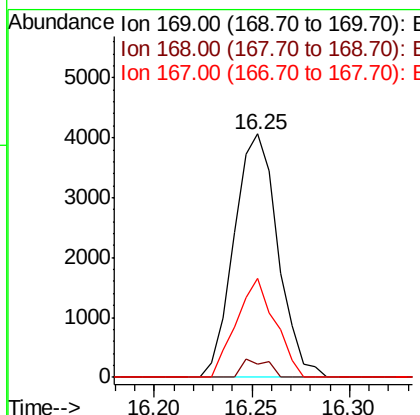
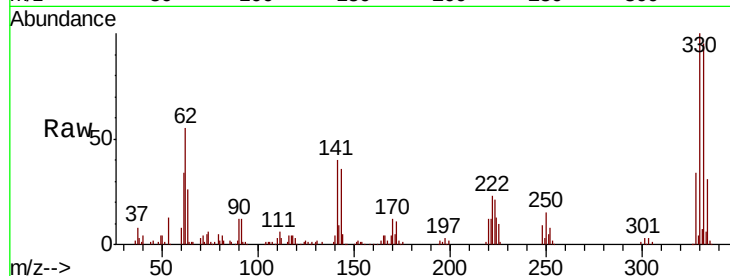




#66
 n-Nitrosodiphenylamine
 Concen: 0.840 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040122.D
 Acq: 25 Mar 2019 18:12

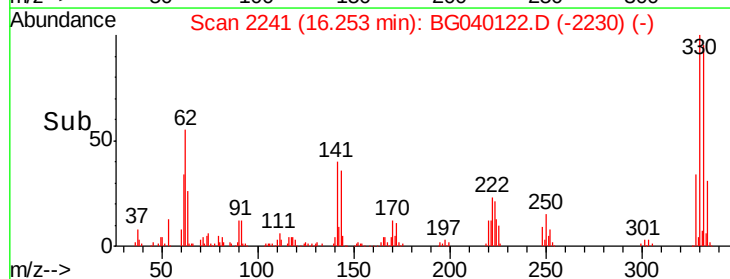
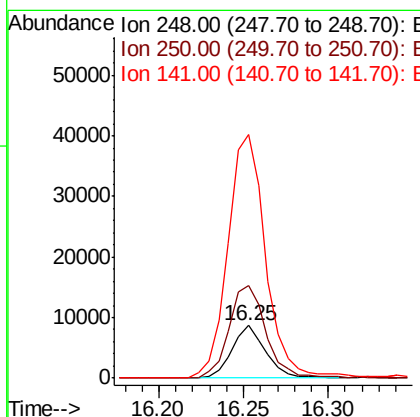
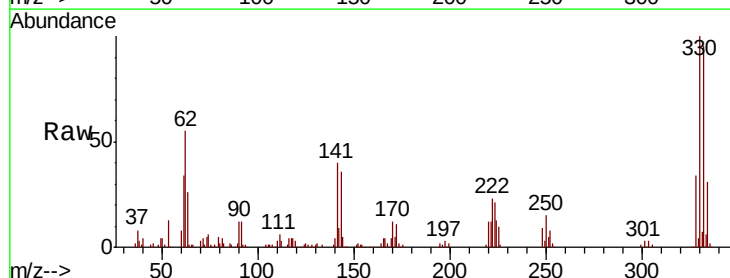
Instrument :
 BNA_G
 ClientSampleId :
 PB118239TB

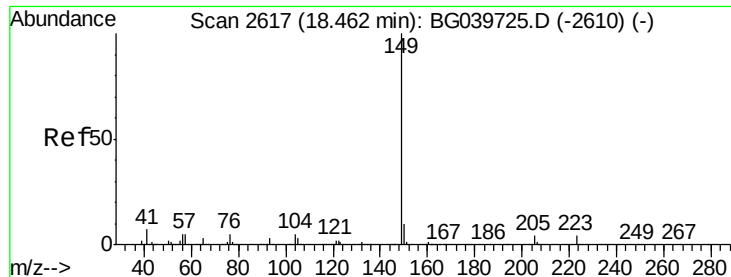
Tgt Ion:169 Resp: 6296
 Ion Ratio Lower Upper
 169 100
 168 5.3 56.6 85.0#
 167 40.5 28.8 43.2



#67
 4-Bromophenyl-phenylether
 Concen: 4.122 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040122.D
 Acq: 25 Mar 2019 18:12

Tgt Ion:248 Resp: 11940
 Ion Ratio Lower Upper
 248 100
 250 177.5 77.6 116.4#
 141 465.8 63.9 95.9#





#74

Di-n-butylphthalate

Concen: 0.016 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

Instrument :

BNA_G

ClientSampleId :

PB118239TB

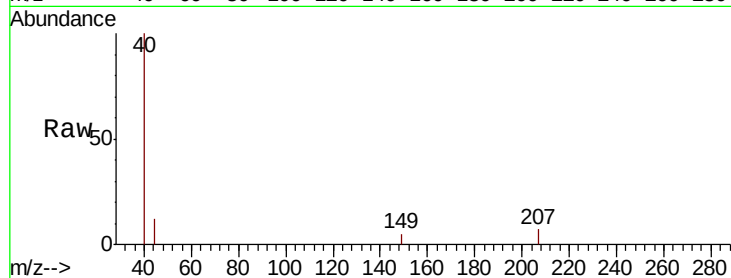
Tgt Ion:149 Resp: 229

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.5 6.7#

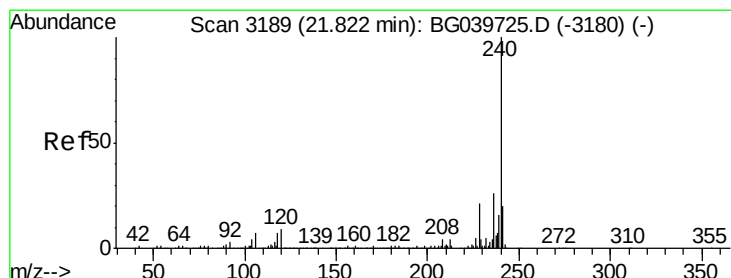
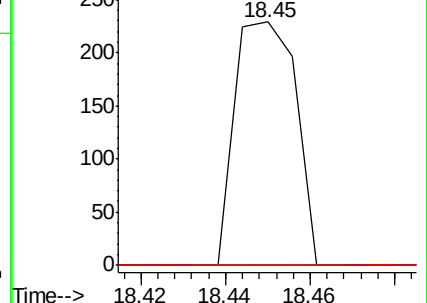
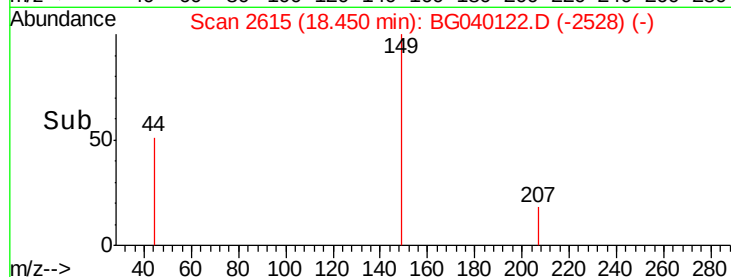


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.45



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

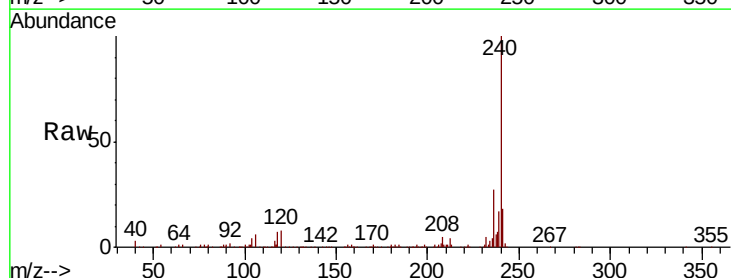
Tgt Ion:240 Resp: 271276

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

236 26.7 21.0 31.4

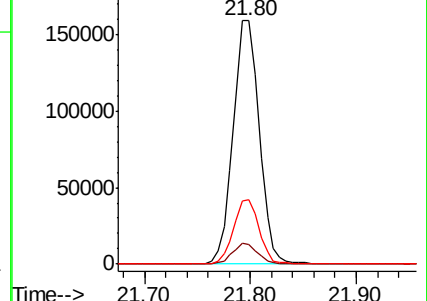
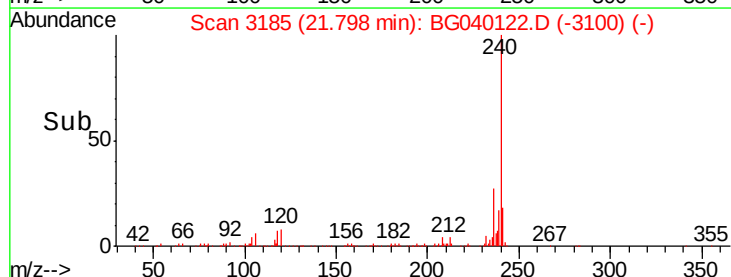


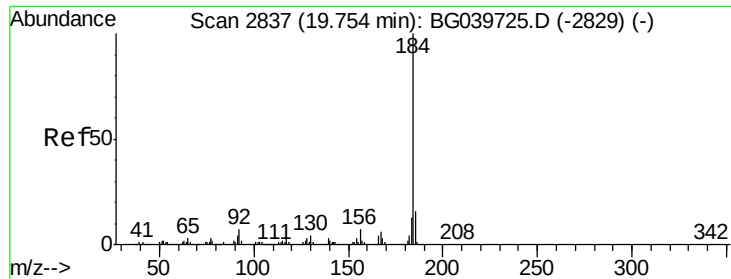
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.80





#77

Benzidine

Concen: 2.008 ng

RT: 20.10 min Scan# 2896

Delta R.T. 0.35 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

Instrument :

BNA_G

ClientSampleId :

PB118239TB

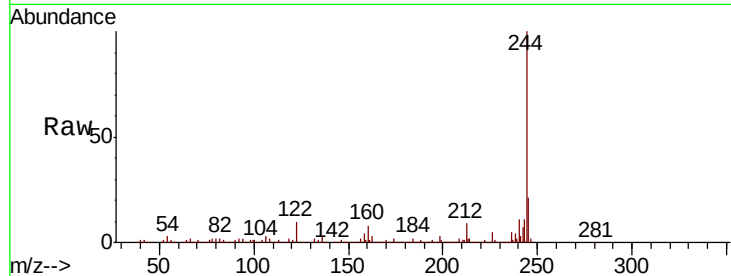
Tgt Ion:184 Resp: 17284

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.2

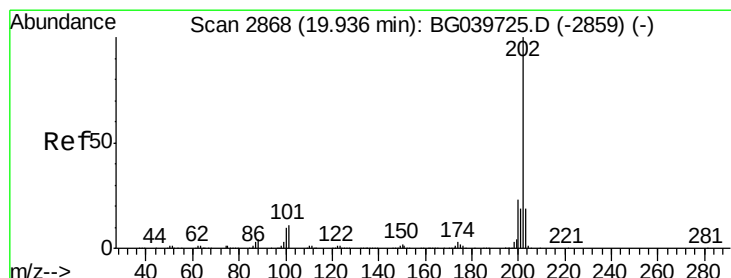
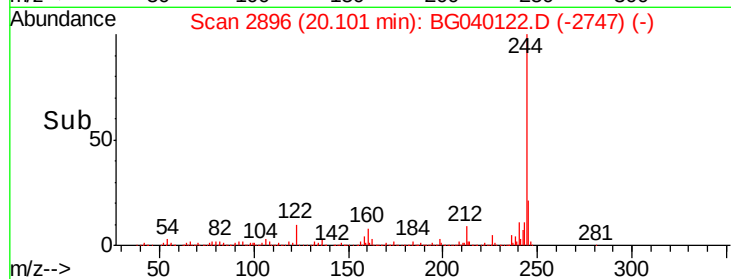
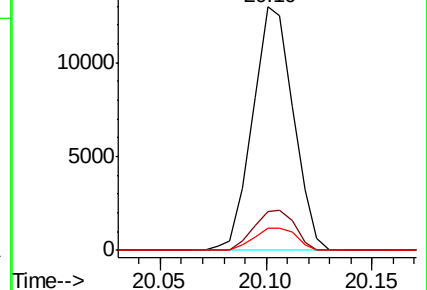
183 8.9 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.230 ng

RT: 20.10 min Scan# 2896

Delta R.T. 0.16 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

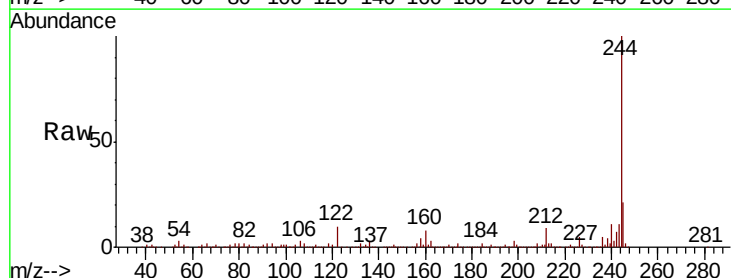
Tgt Ion:202 Resp: 4059

Ion Ratio Lower Upper

202 100

200 41.7 17.8 26.8#

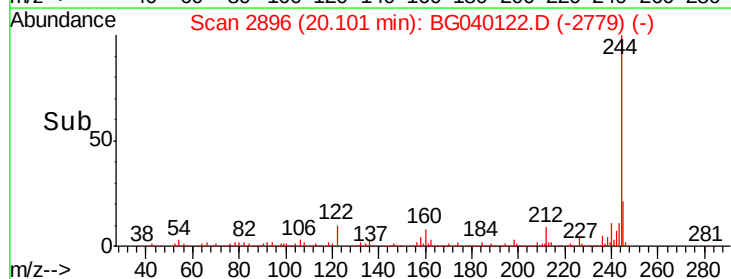
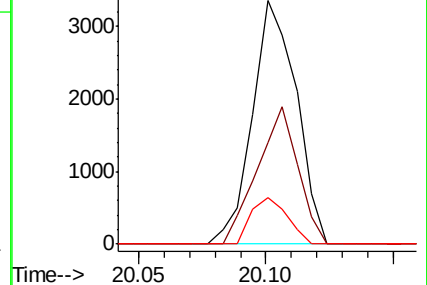
203 19.2 15.3 22.9

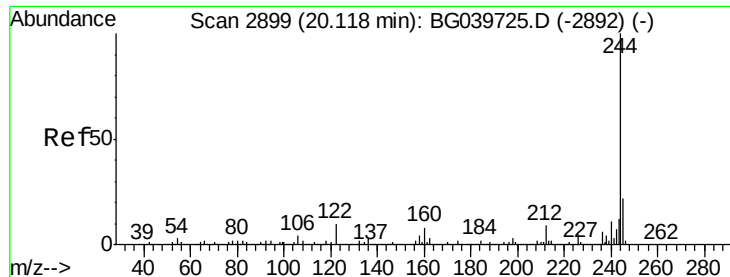


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.467 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

Instrument :

BNA_G

ClientSampleId :

PB118239TB

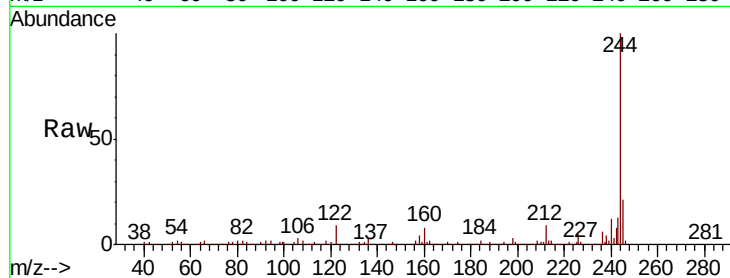
Tgt Ion:244 Resp: 1028363

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

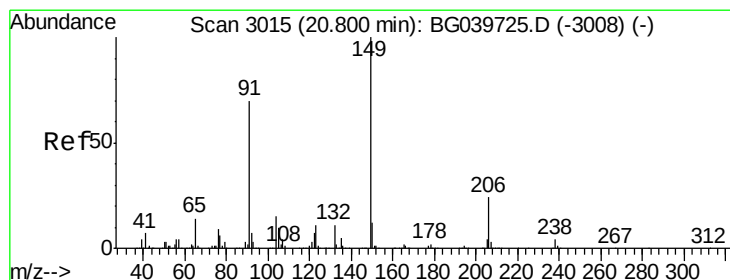
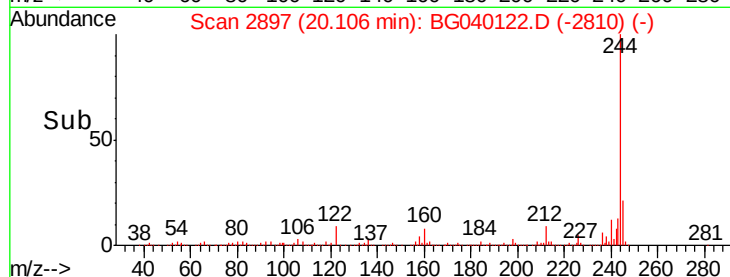
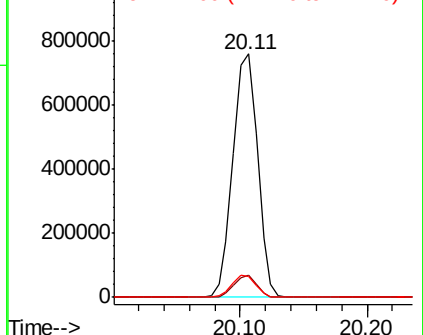
122 8.7 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 0.008 ng

RT: 20.74 min Scan# 3005

Delta R.T. -0.07 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

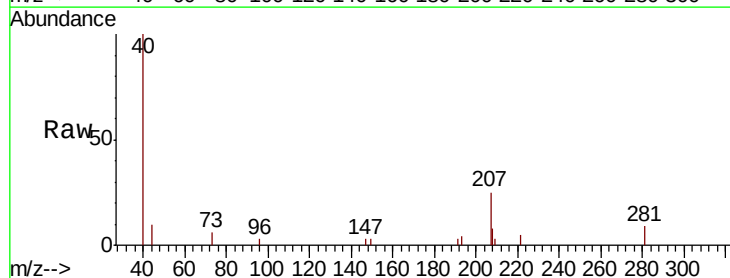
Tgt Ion:149 Resp: 56

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

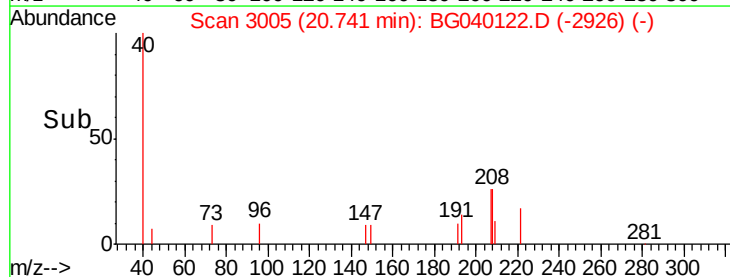
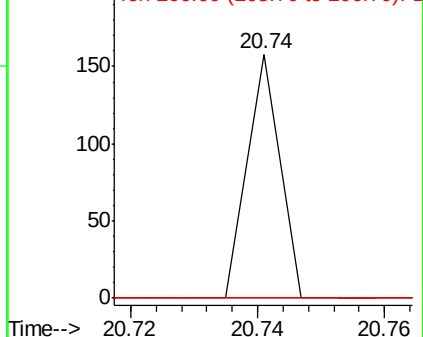
206 0.0 18.6 27.8#

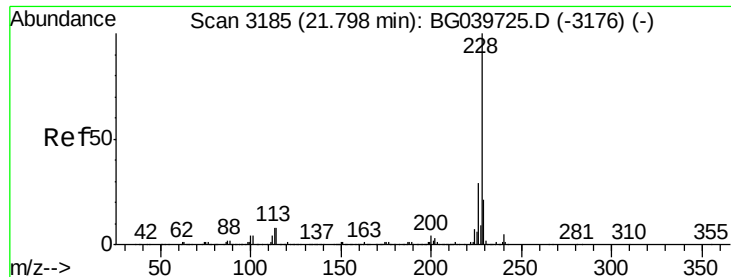


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.051 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

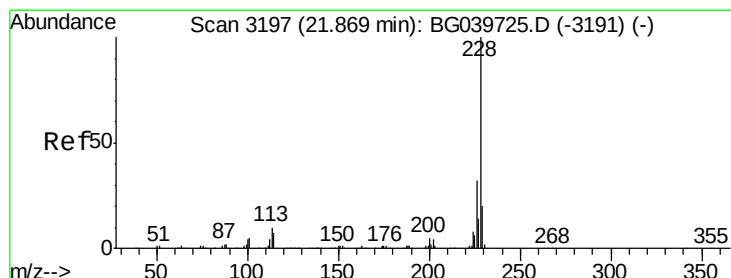
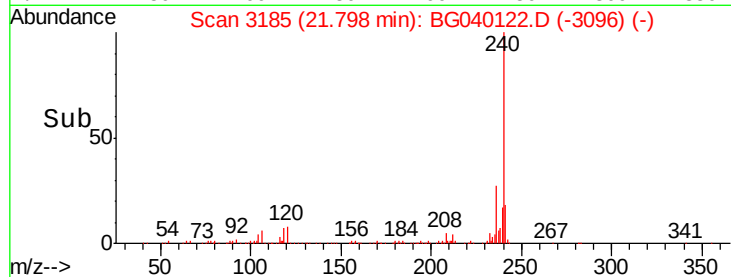
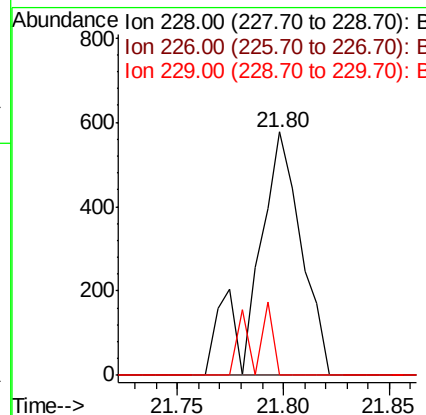
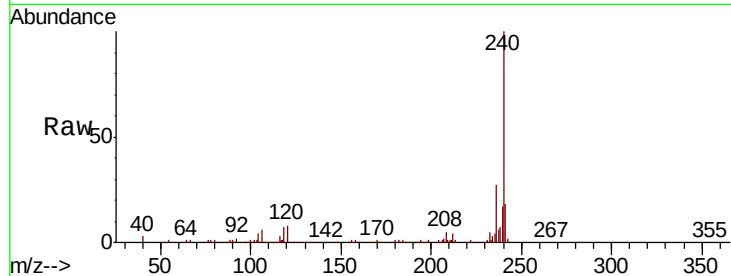
Instrument :

BNA_G

ClientSampleId :

PB118239TB

Tgt Ion:	228	Resp:	865
Ion Ratio	Lower	Upper	
228	100		
226	0.0	23.0	34.6#
229	0.0	16.9	25.3#



#83

Chrysene

Concen: 0.052 ng

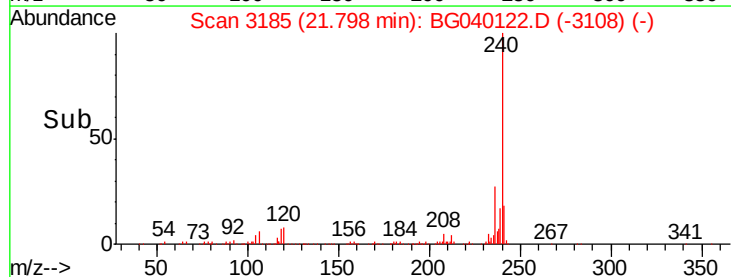
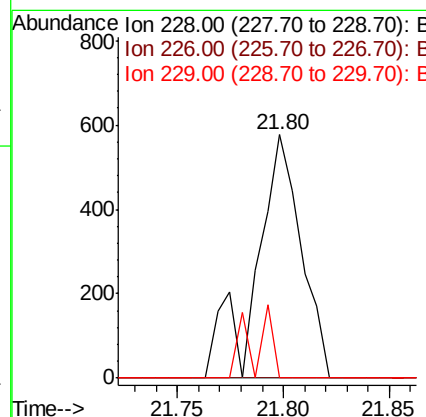
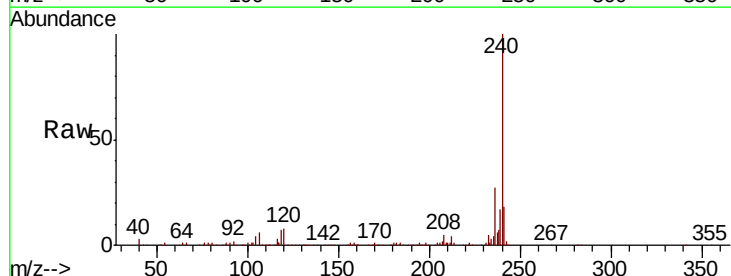
RT: 21.80 min Scan# 3185

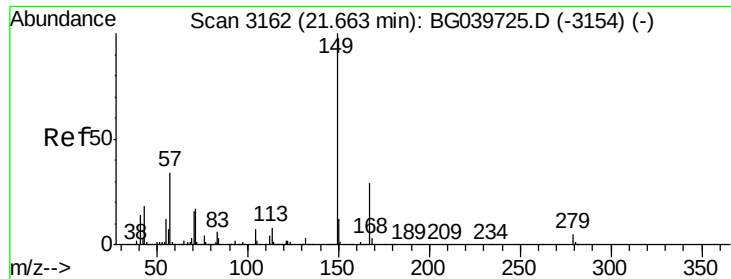
Delta R.T. -0.08 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

Tgt Ion:	228	Resp:	865
Ion Ratio	Lower	Upper	
228	100		
226	0.0	25.8	38.6#
229	0.0	16.6	25.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.006 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.05 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

Instrument :

BNA_G

ClientSampleId :

PB118239TB

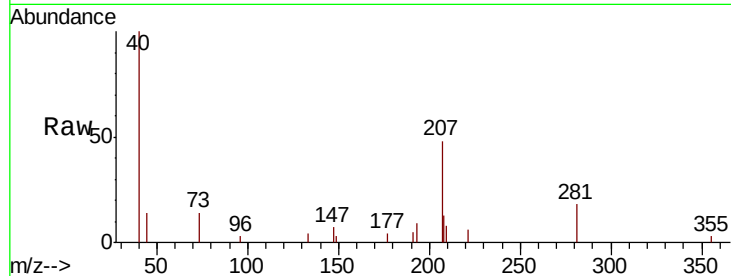
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

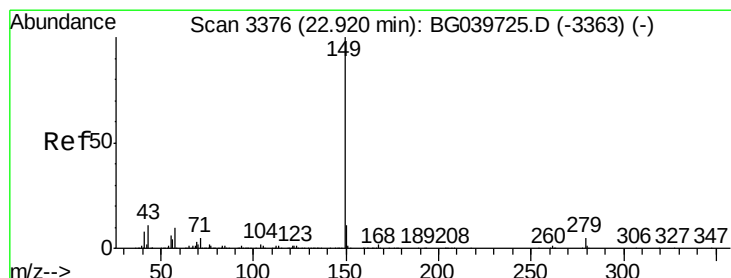
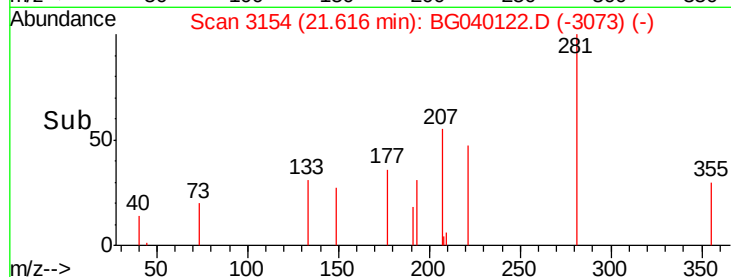
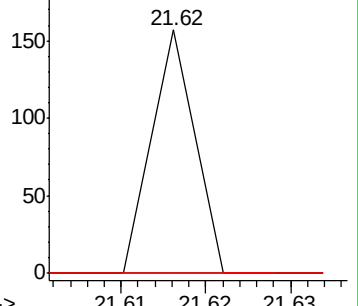
279 0.0 3.5 5.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.04 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

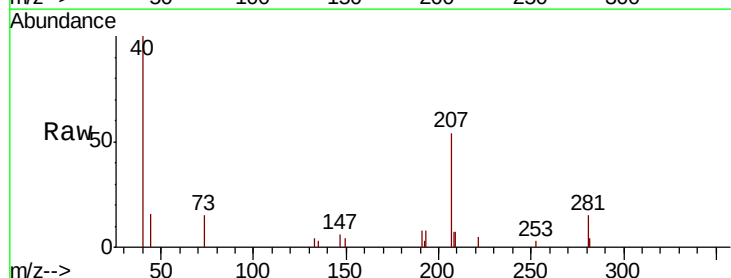
Tgt Ion:149 Resp: 67

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

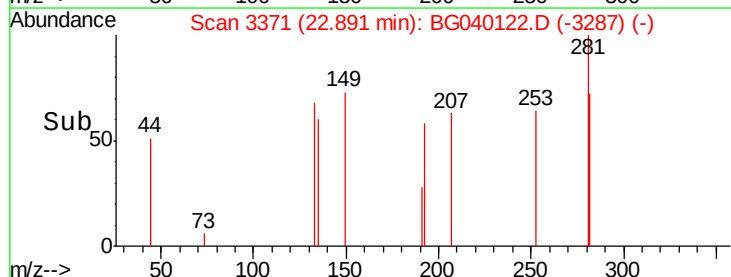
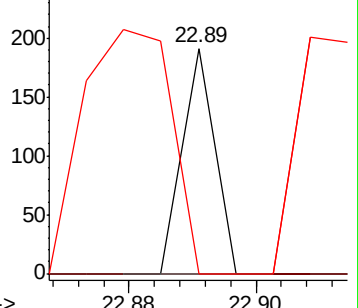
43 298.5 10.2 15.4#

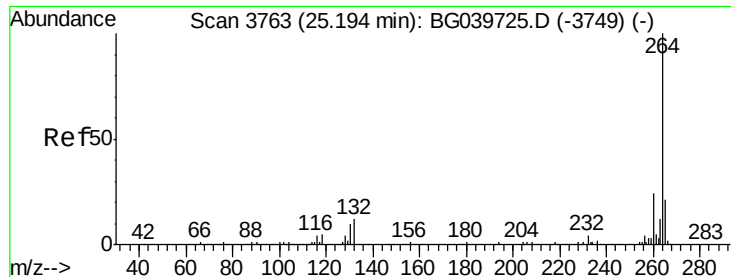


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

Instrument :

BNA_G

ClientSampleId :

PB118239TB

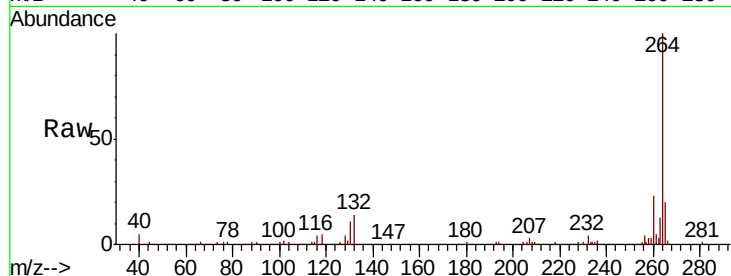
Tgt Ion:264 Resp: 260679

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

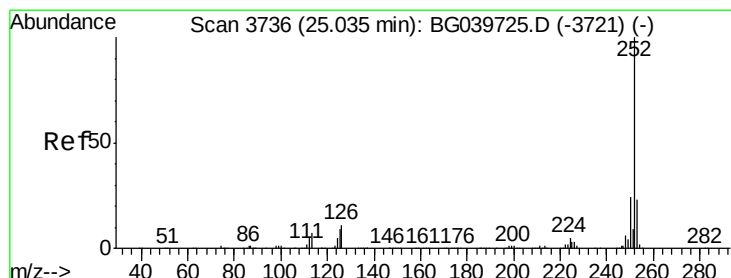
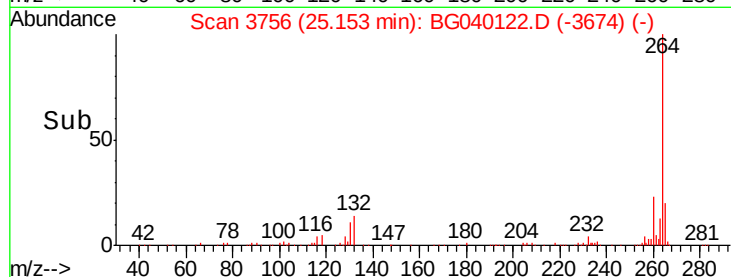
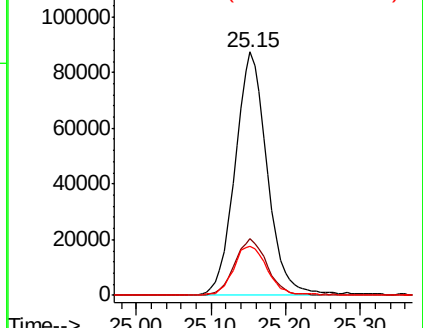
265 20.2 18.5 27.7



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



#90

Benzo(a)pyrene

Concen: 0.066 ng

RT: 25.15 min Scan# 3756

Delta R.T. 0.11 min

Lab File: BG040122.D

Acq: 25 Mar 2019 18:12

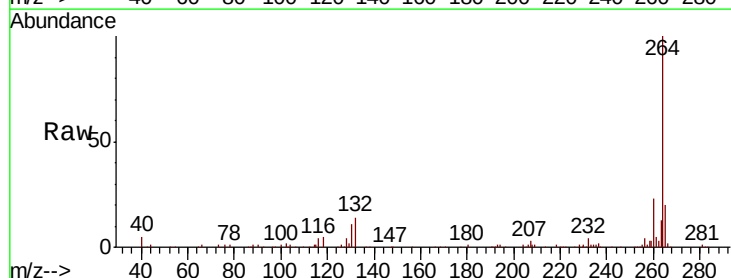
Tgt Ion:252 Resp: 946

Ion Ratio Lower Upper

252 100

253 48.0 17.9 26.9#

125 0.0 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

