

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032119\
 Data File : BG040075.D
 Acq On : 21 Mar 2019 21:10
 Operator : JU/SJ
 Sample : K1989-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2

Quant Time: Mar 22 01:35:39 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	35455	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	154764	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	109934	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	281822	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	279801	20.00	ng	-0.03
87) Perylene-d12	25.16	264	282322	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	276188	132.89	ng	-0.02
7) Phenol-d6	7.29	99	362960	117.13	ng	-0.02
23) Nitrobenzene-d5	9.32	82	265049	92.62	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	169119	131.98	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	664431	86.05	ng	-0.03
79) Terphenyl-d14	20.11	244	1154653	90.86	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	183	0.191	ng	# 1
4) n-Nitrosodimethylamine	3.91	42	958	0.786	ng	# 1
6) Aniline	7.68	93	368	0.091	ng	# 1
8) 2-Chlorophenol	7.68	128	54	0.021	ng	# 1
9) Benzaldehyde	7.30	77	453	0.227	ng	# 4
10) Phenol	7.67	94	815	0.243	ng	# 1
11) bis(2-Chloroethyl)ether	7.68	93	368	0.141	ng	# 1
12) 1,3-Dichlorobenzene	8.49	146	20744	7.275	ng	99
13) 1,4-Dichlorobenzene	8.18	146	14543	5.007	ng	95
14) 1,2-Dichlorobenzene	8.49	146	20740	7.390	ng	97
15) Benzyl Alcohol	8.47	79	3808	1.549	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	8.67	45	120	0.023	ng	75
18) Hexachloroethane	9.32	117	56	0.054	ng	# 1
19) n-Nitroso-di-n-propylamine	9.32	70	34193	15.330	ng	# 64
22) Acetophenone	8.98	105	77	0.019	ng	# 44
24) Nitrobenzene	9.36	77	290	0.097	ng	# 41
30) 1,2,4-Trichlorobenzene	10.82	180	3025	1.059	ng	# 85
31) Naphthalene	11.01	128	5321	0.649	ng	# 90
33) 4-Chloroaniline	11.01	127	652	0.188	ng	# 57
37) 2-Methylnaphthalene	12.61	142	1421	0.232	ng	# 87
38) 1-Methylnaphthalene	12.83	142	1613	0.271	ng	# 91
46) 1,1'-Biphenyl	13.61	154	1186	0.131	ng	# 81
48) 2-Nitroaniline	13.39	65	1145	0.524	ng	# 1
49) Acenaphthylene	14.83	152	617	0.055	ng	# 1
50) Dimethylphthalate	14.10	163	58	0.006	ng	# 76
51) 2,6-Dinitrotoluene	14.77	165	14080	7.225	ng	# 23
52) Acenaphthene	14.83	154	1480	0.220	ng	97
55) Dibenzofuran	15.16	168	156	0.014	ng	# 45
56) 4-Nitrophenol	15.18	139	67	0.038	ng	# 1
57) 2,4-Dinitrotoluene	14.77	165	14080	5.142	ng	# 18
58) Fluorene	15.81	166	714	0.082	ng	# 77
63) Azobenzene	16.25	77	1081	0.131	ng	# 41
65) 4,6-Dinitro-2-methylphenol	16.25	198	702	0.421	ng	# 1
66) n-Nitrosodiphenylamine	16.25	169	7222	0.885	ng	# 48

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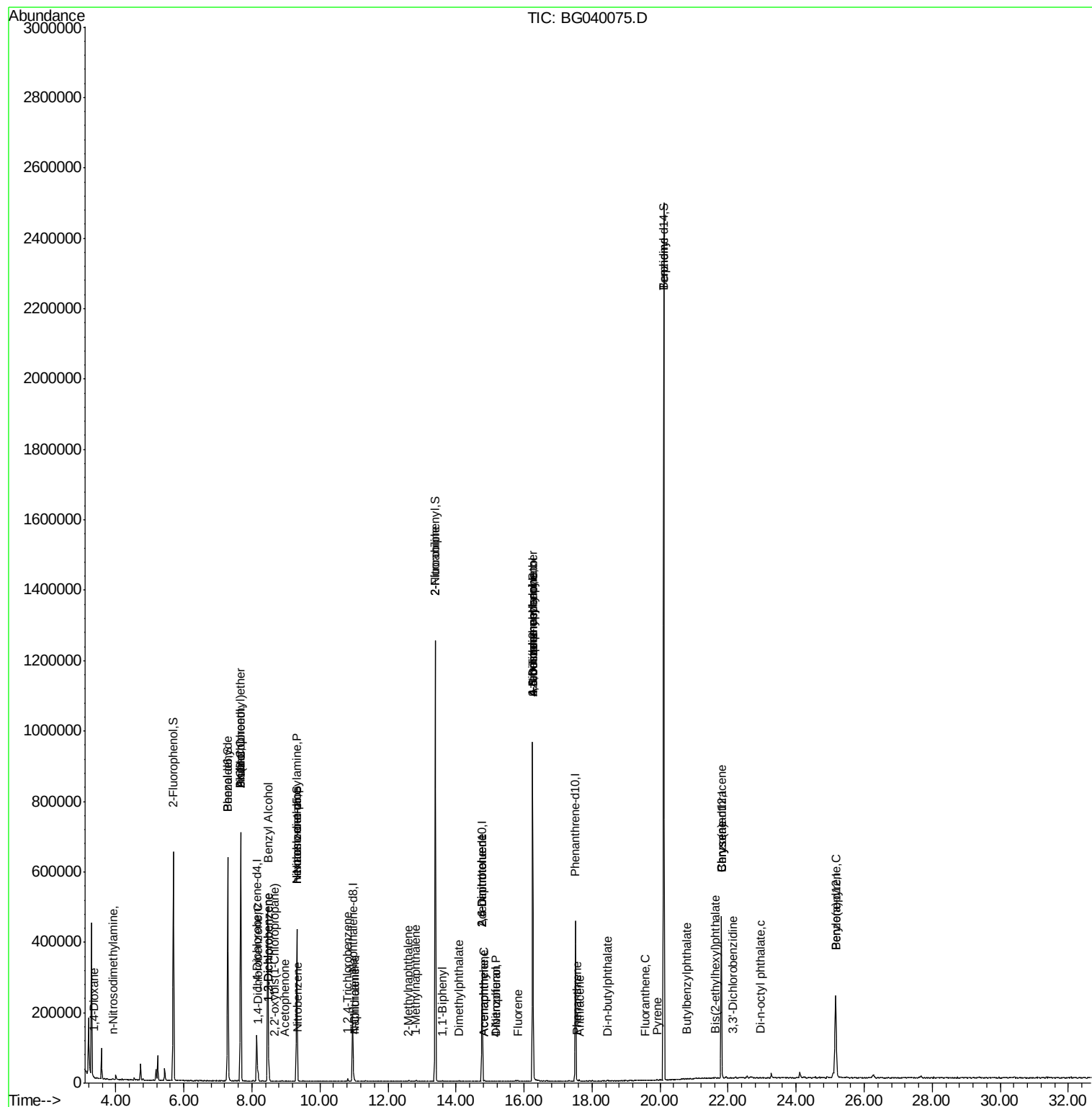
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
67) 4-Bromophenyl-phenylether	16.25	248	13397	4.247	ng	#	1
71) Phenanthrene	17.55	178	2410	0.155	ng	#	90
72) Anthracene	17.65	178	201	0.013	ng	#	60
74) Di-n-butylphthalate	18.45	149	1937	0.121	ng	#	77
75) Fluoranthene	19.56	202	244	0.013	ng		63
77) Benzidine	20.11	184	19920	2.244	ng	#	91
78) Pyrene	19.93	202	245	0.013	ng	#	55
80) Butylbenzylphthalate	20.77	149	69	0.010	ng	#	22
81) Benzo(a)anthracene	21.79	228	650	0.037	ng	#	50
82) 3,3'-Dichlorobenzidine	22.13	252	55	0.009	ng	#	26
83) Chrysene	21.79	228	650	0.038	ng	#	48
84) Bis(2-ethylhexyl)phthalate	21.64	149	192	0.019	ng	#	52
85) Di-n-octyl phthalate	22.95	149	67	0.004	ng	#	1
90) Benzo(a)pyrene	25.17	252	1075	0.069	ng	#	77

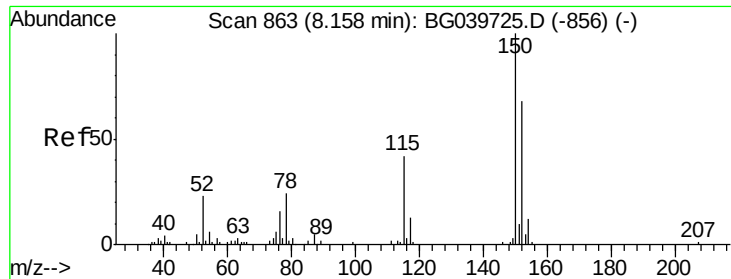
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG040075.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

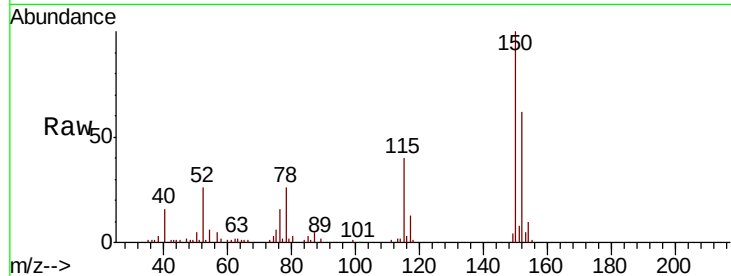
Tgt Ion:152 Resp: 35455

Ion Ratio Lower Upper

152 100

150 160.9 123.7 185.5

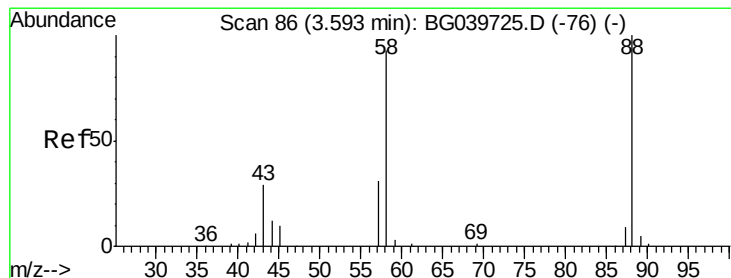
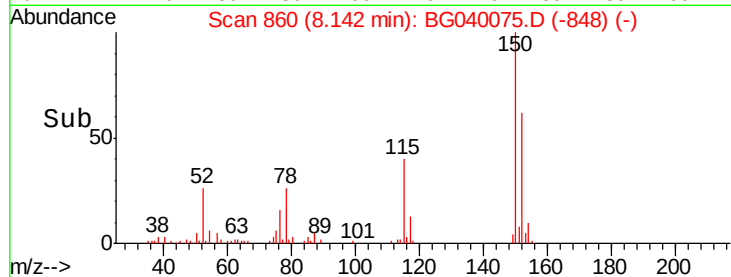
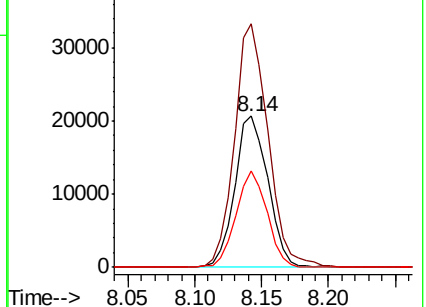
115 63.7 45.9 68.9



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: 0.191 ng

RT: 3.35 min Scan# 44

Delta R.T. -0.26 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

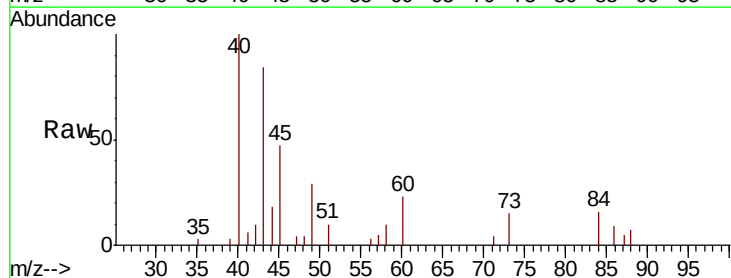
Tgt Ion: 88 Resp: 183

Ion Ratio Lower Upper

88 100

58 407.1 81.1 121.7#

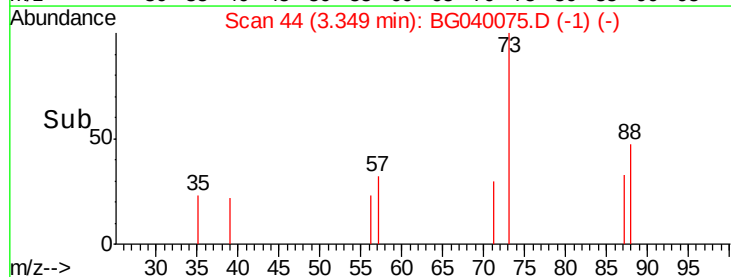
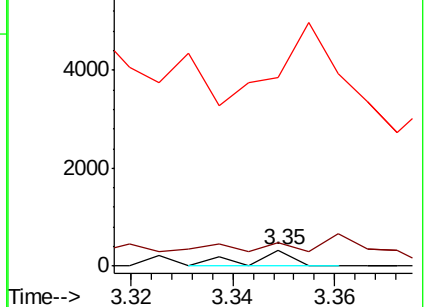
43 0.0 31.4 47.0#

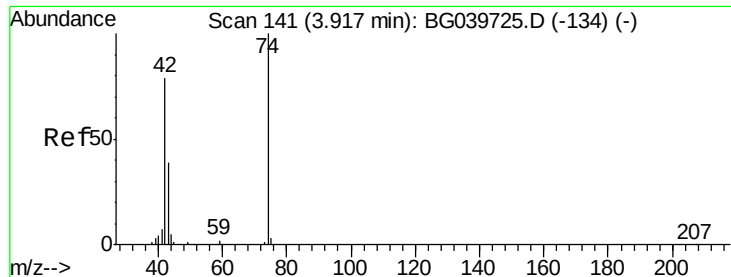


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.786 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

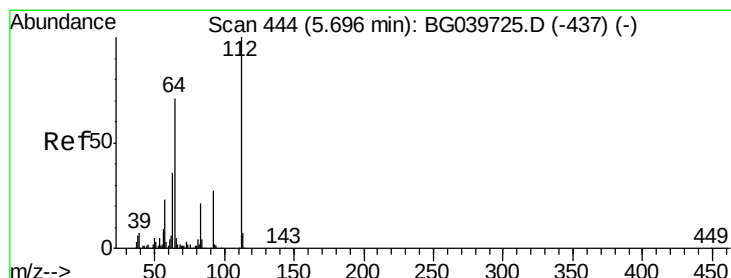
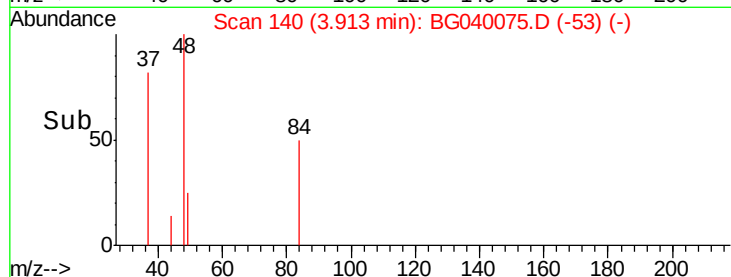
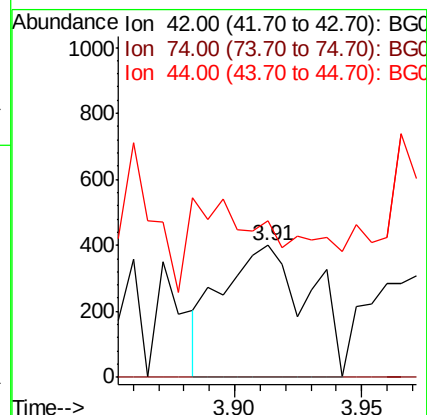
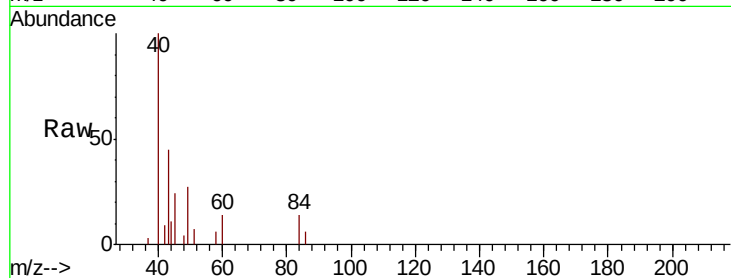
Tgt Ion: 42 Resp: 958

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

44 118.5 6.9 10.3#



#5

2-Fluorophenol

Concen: 132.895 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

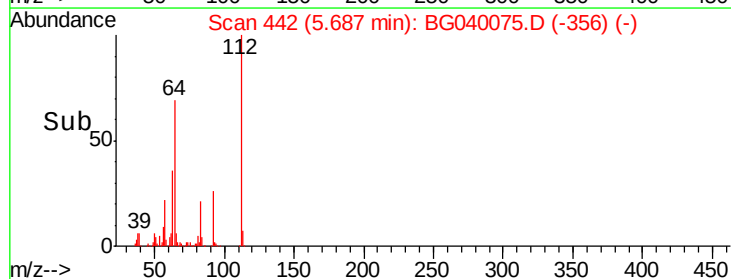
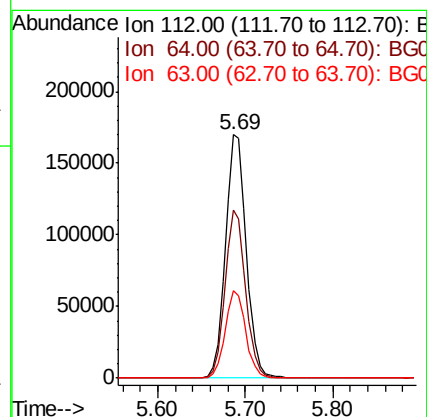
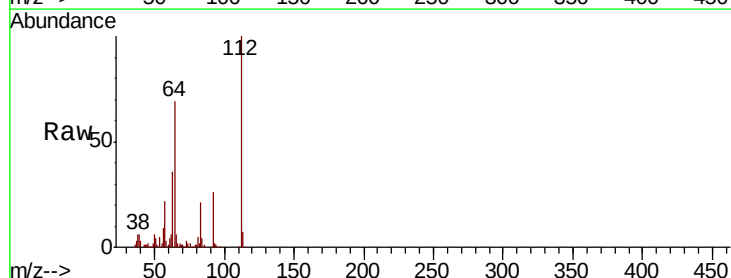
Tgt Ion: 112 Resp: 276188

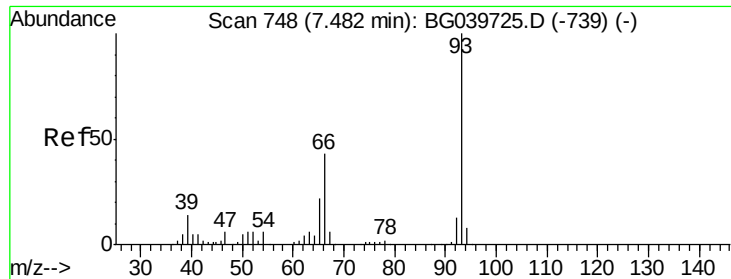
Ion Ratio Lower Upper

112 100

64 69.0 57.8 86.8

63 35.9 29.8 44.6





#6

Aniline

Concen: 0.091 ng

RT: 7.68 min Scan# 781

Delta R.T. 0.18 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

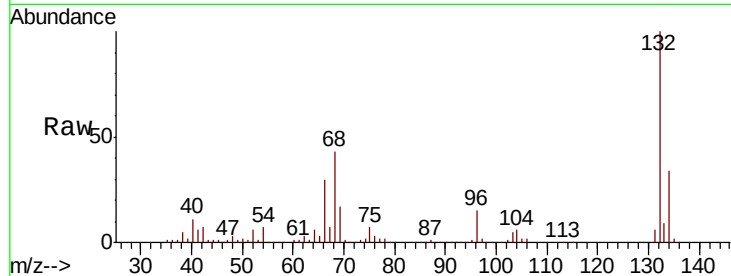
Tgt Ion: 93 Resp: 368

Ion Ratio Lower Upper

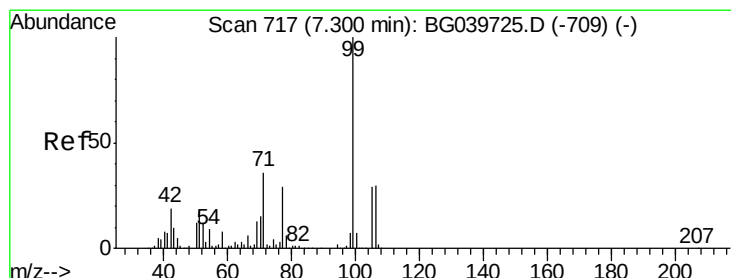
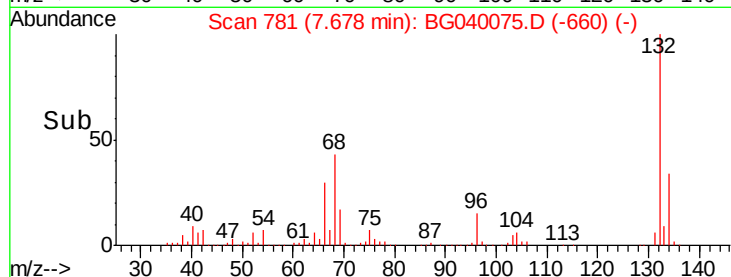
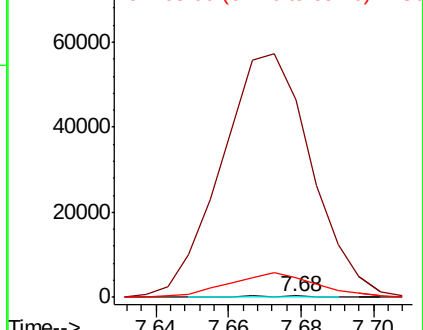
93 100

66 15189.5 34.2 51.4#

65 1536.1 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: 117.130 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

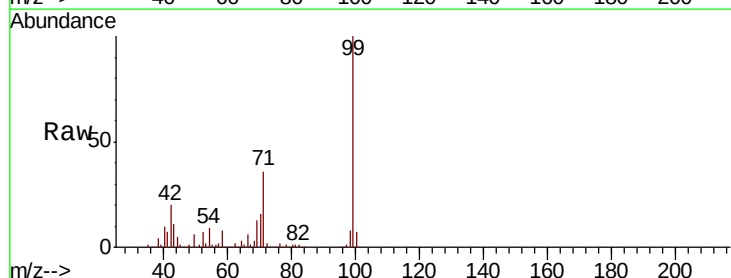
Tgt Ion: 99 Resp: 362960

Ion Ratio Lower Upper

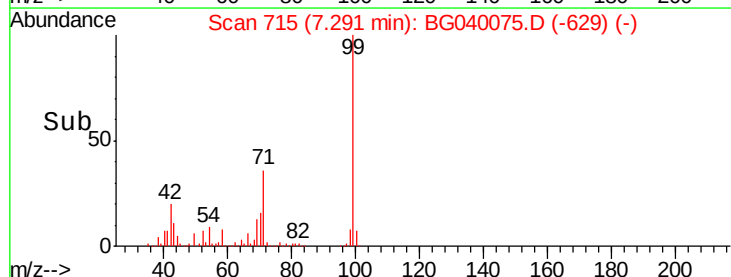
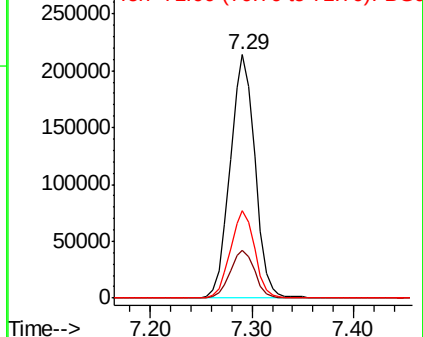
99 100

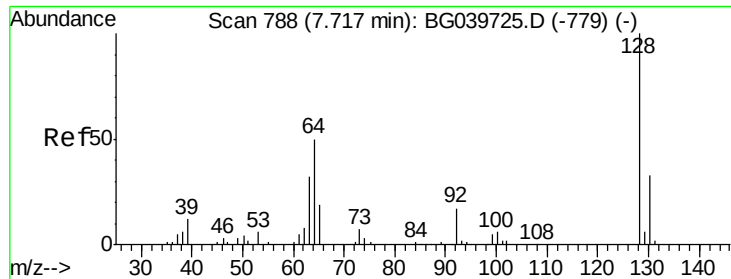
42 19.8 18.2 27.2

71 35.7 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





#8

2-Chlorophenol

Concen: 0.021 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.05 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_G

ClientSampled :

DRUM-1-2

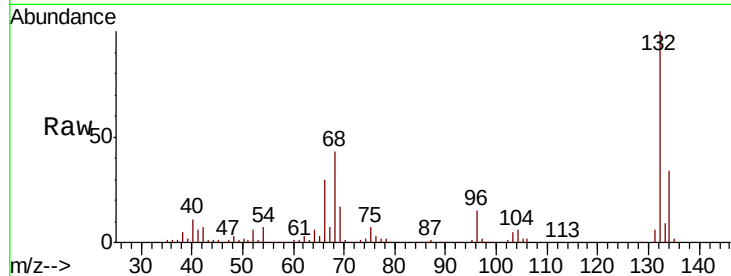
Tgt Ion:128 Resp: 54

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

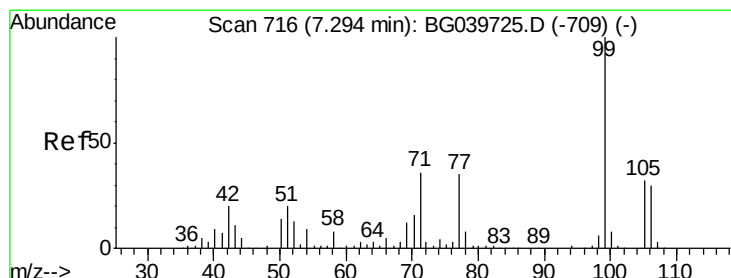
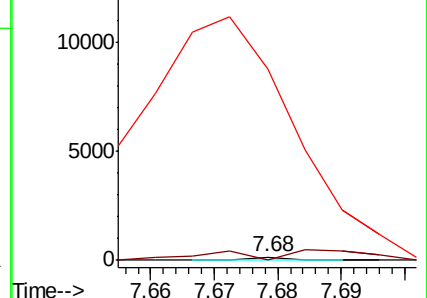
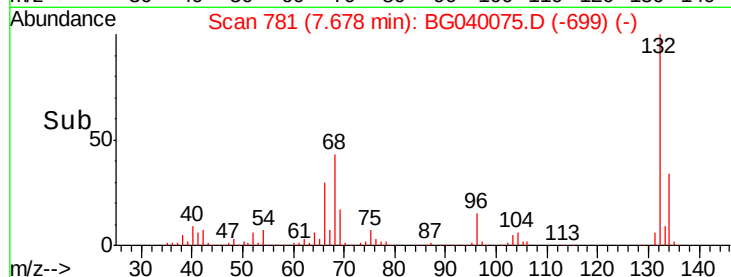
64 5771.7 38.7 78.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 0.227 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

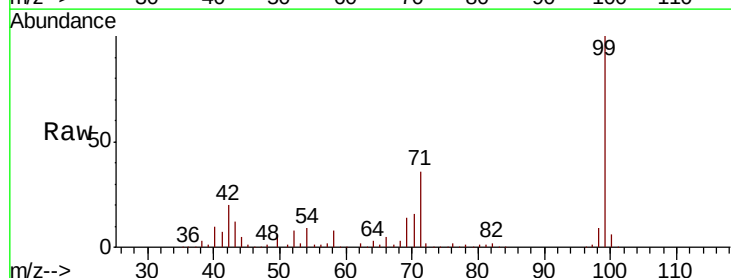
Tgt Ion: 77 Resp: 453

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

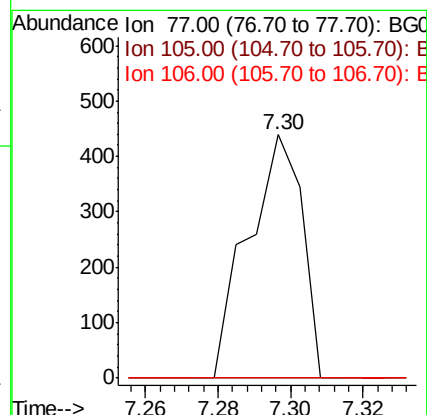
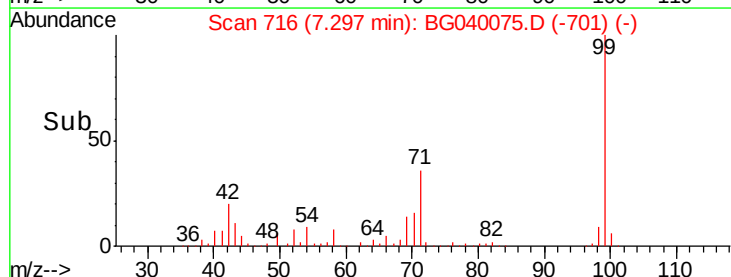
106 0.0 68.0 108.0#

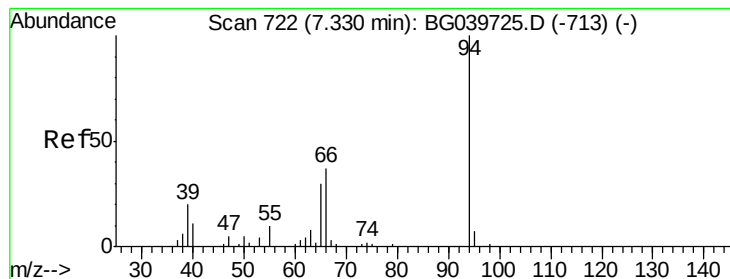


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.243 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.34 min

Lab File: BG040075.D

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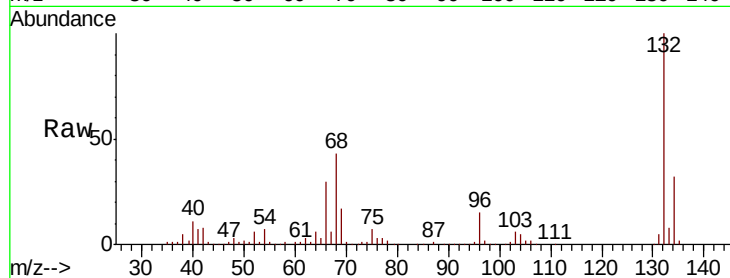
Tgt Ion: 94 Resp: 815

Ion Ratio Lower Upper

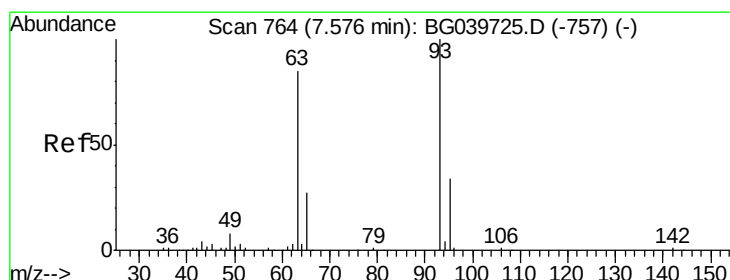
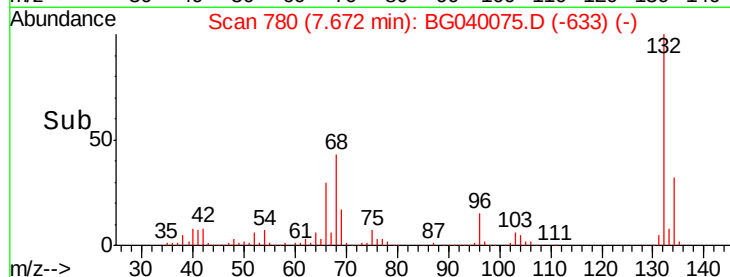
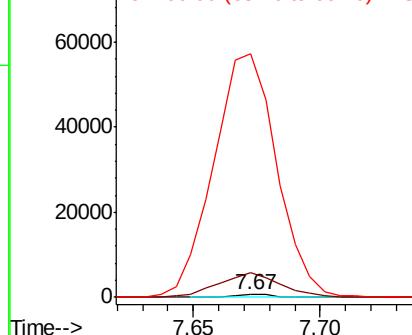
94 100

65 947.7 11.7 51.7#

66 9559.9 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: 0.141 ng

RT: 7.68 min Scan# 781

Delta R.T. 0.10 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

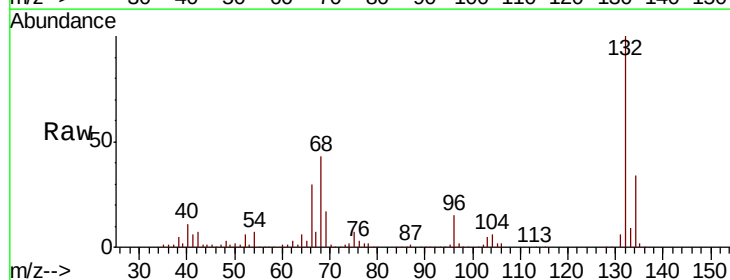
Tgt Ion: 93 Resp: 368

Ion Ratio Lower Upper

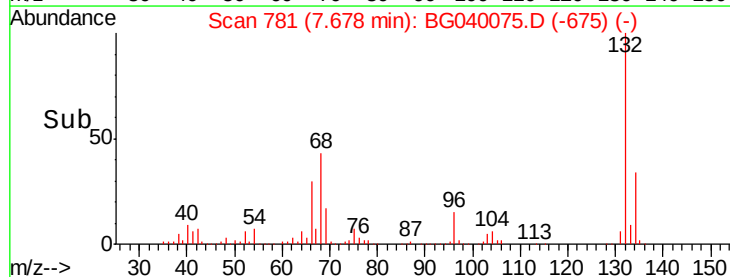
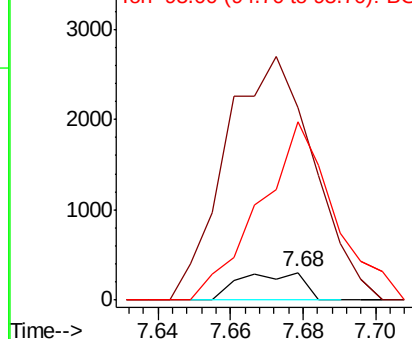
93 100

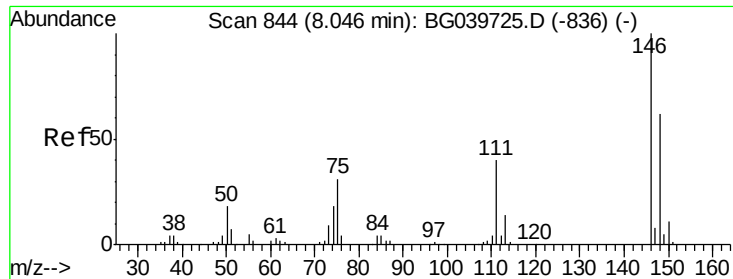
63 697.0 69.5 109.5#

95 646.2 12.7 52.7#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

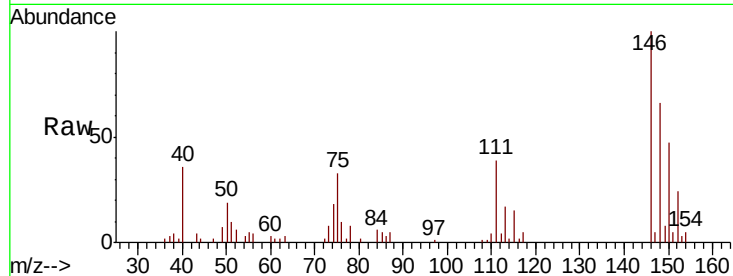




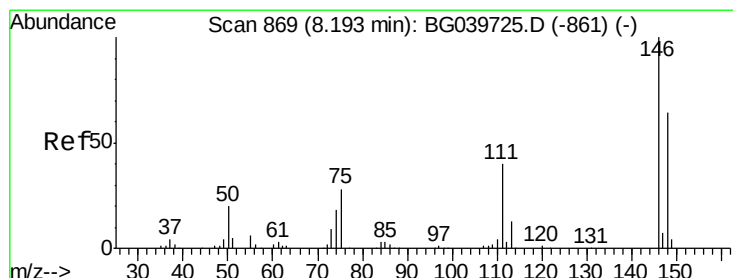
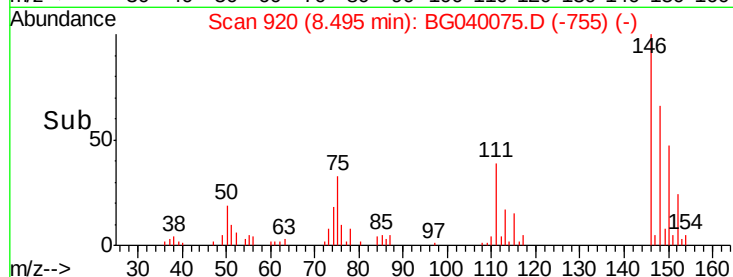
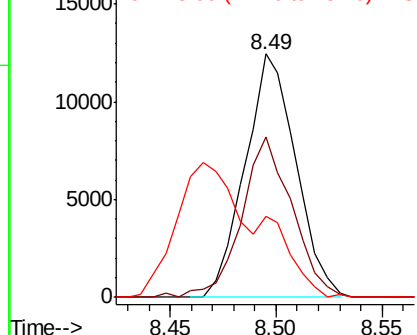
#12
 1,3-Dichlorobenzene
 Concen: 7.275 ng
 RT: 8.49 min Scan# 920
 Delta R.T. 0.44 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2

Tgt Ion:146 Resp: 20744
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.6 79.0
 75 33.4 25.8 38.6

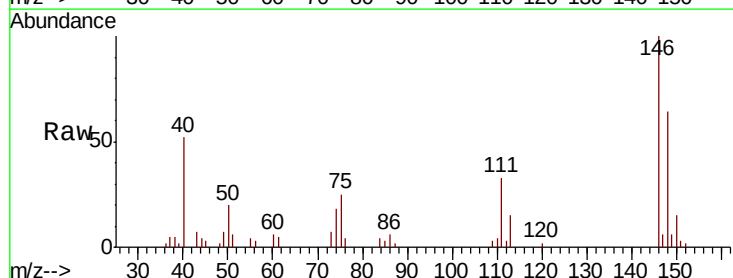


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

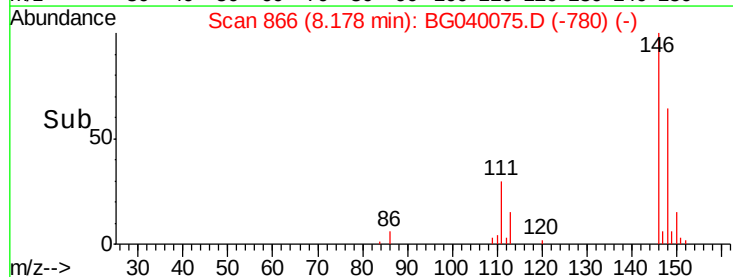
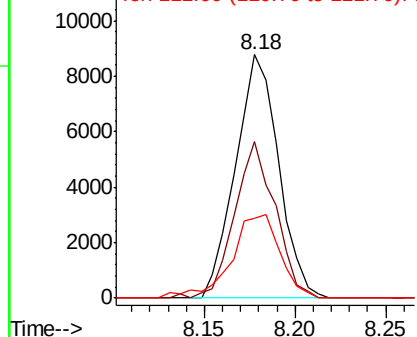


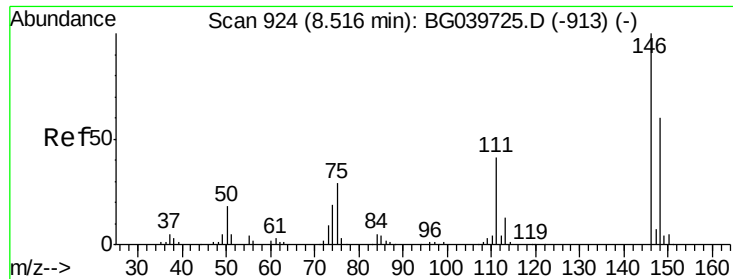
#13
 1,4-Dichlorobenzene
 Concen: 5.007 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Tgt Ion:146 Resp: 14543
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 32.7 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

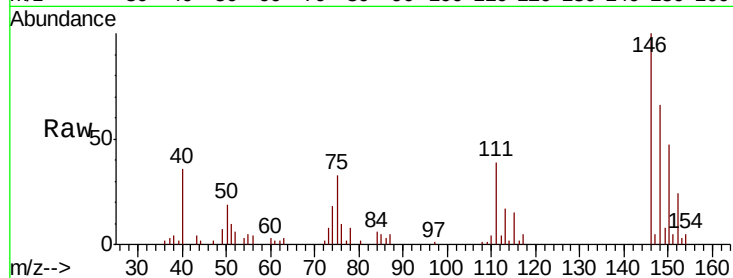




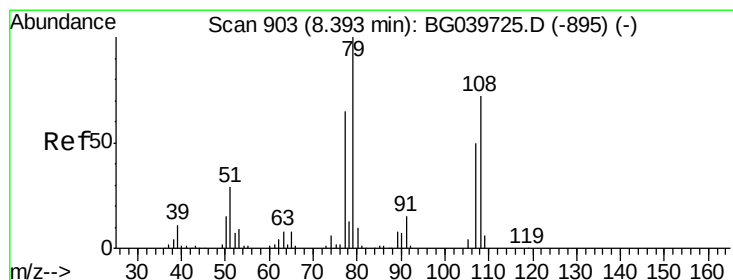
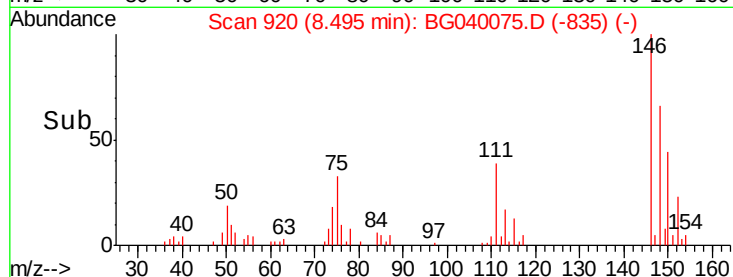
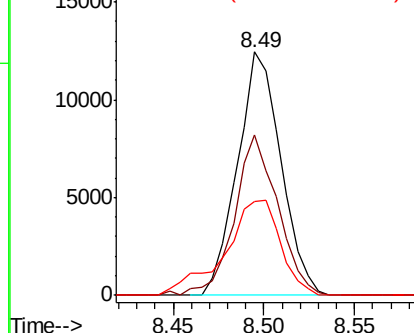
#14
 1,2-Dichlorobenzene
 Concen: 7.390 ng
 RT: 8.49 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2

Tgt Ion:146 Resp: 20740
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.5 77.3
 111 38.7 33.8 50.6

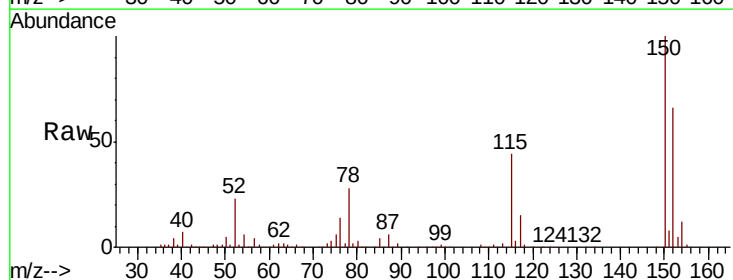


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

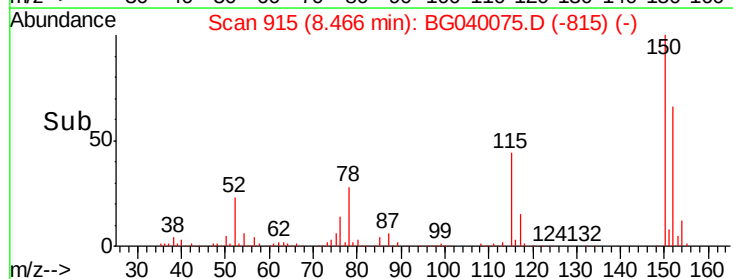
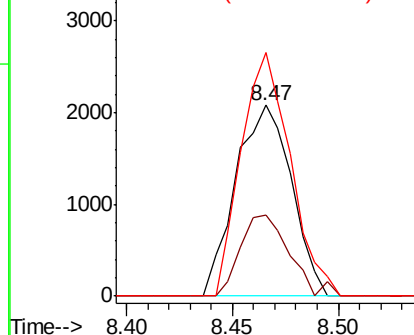


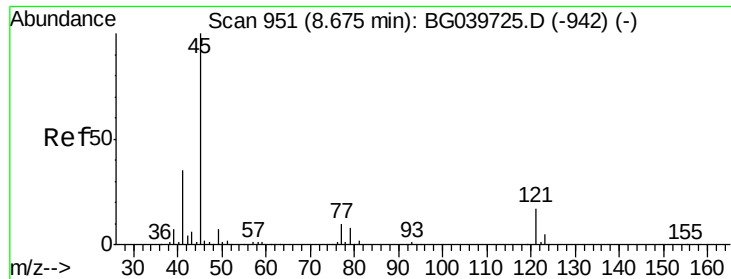
#15
 Benzyl Alcohol
 Concen: 1.549 ng
 RT: 8.47 min Scan# 915
 Delta R.T. 0.06 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Tgt Ion: 79 Resp: 3808
 Ion Ratio Lower Upper
 79 100
 108 42.7 57.8 86.6#
 77 127.5 51.1 76.7#



Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BGC

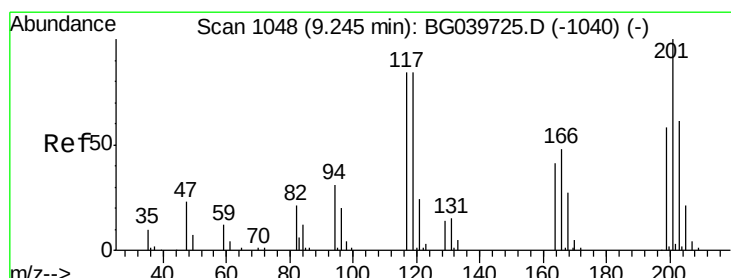
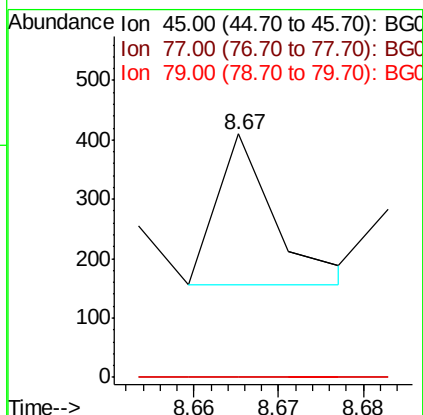
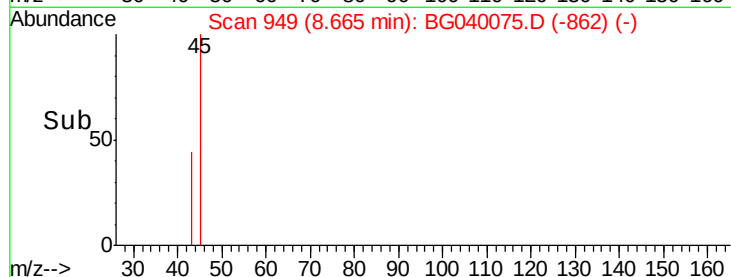
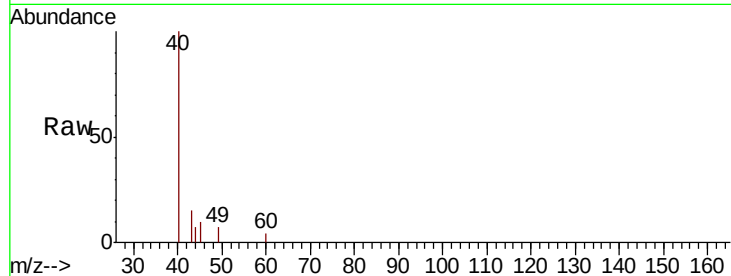




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.023 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

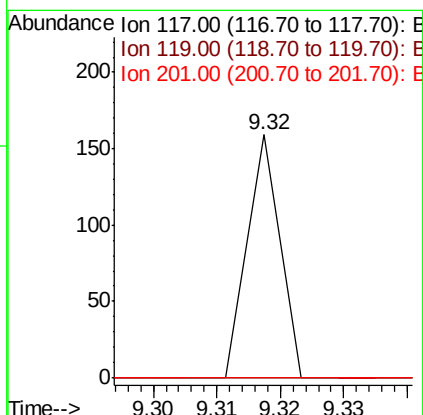
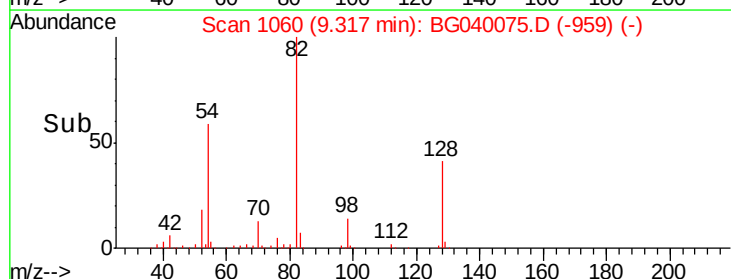
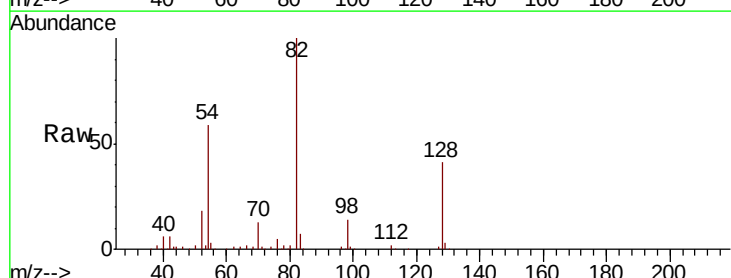
Instrument :
BNA_G
ClientSampled :
DRUM-1-2

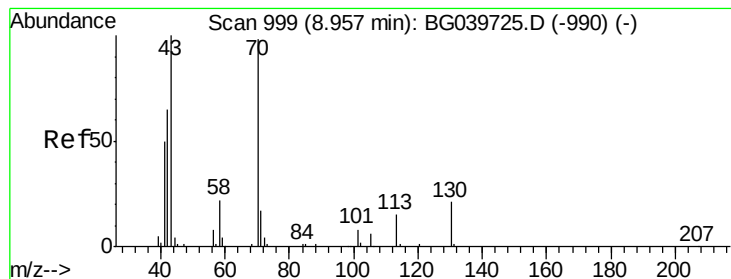
Tgt Ion: 45 Resp: 120
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.0
79 0.0 0.0 27.5



#18
Hexachloroethane
Concen: 0.054 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.07 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion: 117 Resp: 56
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
201 0.0 91.1 136.7#





#19

n-Nitroso-di-n-propylamine

Concen: 15.330 ng

RT: 9.32 min Scan# 1060

Delta R.T. 0.35 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

Tgt Ion: 70 Resp: 34193

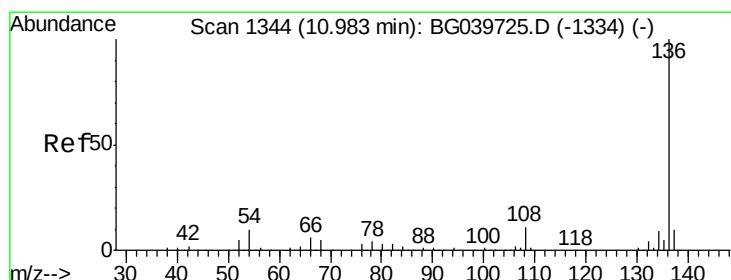
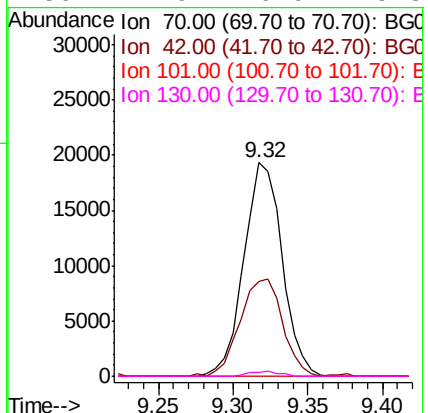
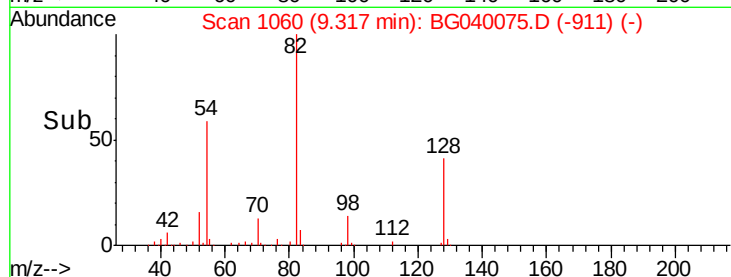
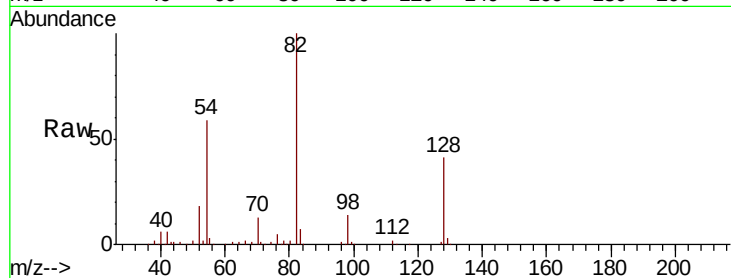
Ion Ratio Lower Upper

70 100

42 44.3 60.4 90.6#

101 0.0 7.5 11.3#

130 1.9 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: BG040075.D

Acq: 21 Mar 2019 21:10

Tgt Ion: 136 Resp: 154764

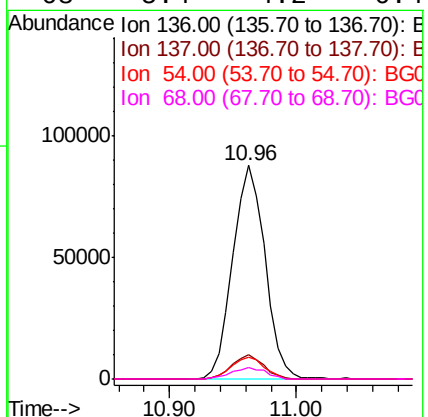
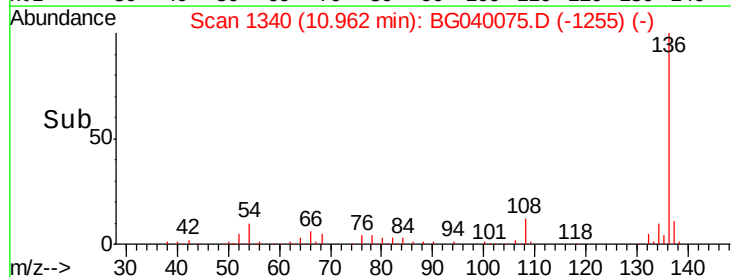
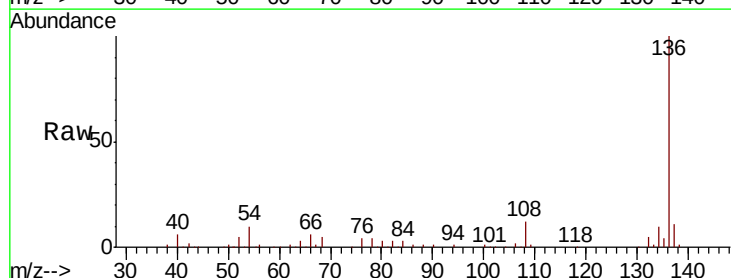
Ion Ratio Lower Upper

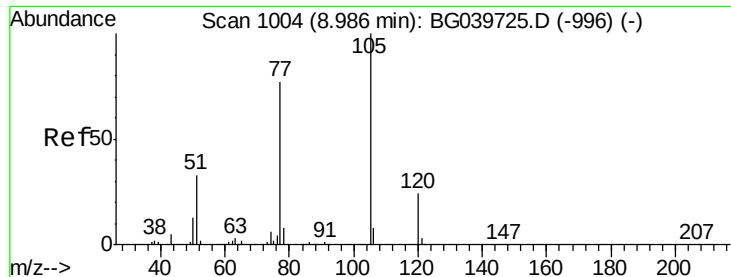
136 100

137 11.3 9.1 13.7

54 10.0 9.4 14.2

68 5.4 4.2 6.4

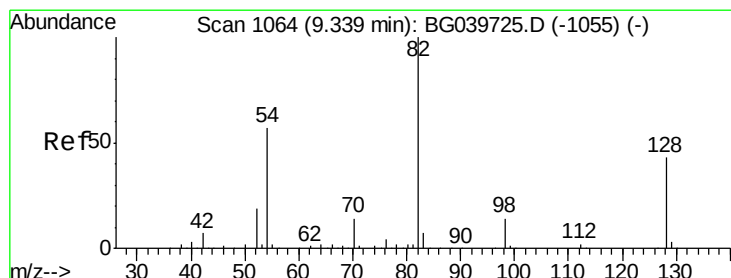
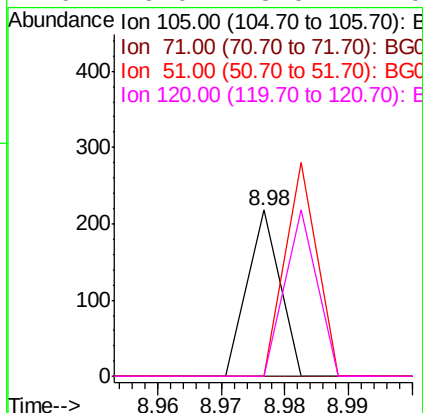
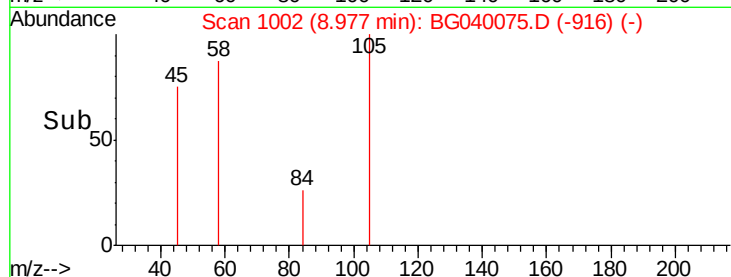
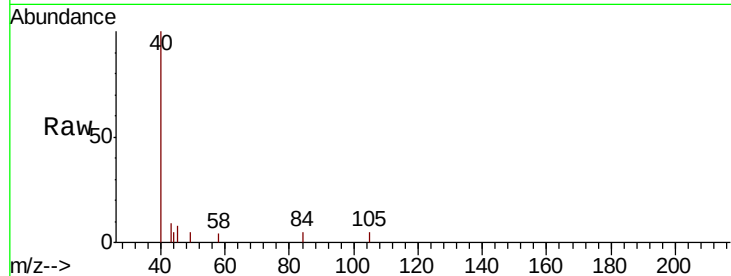




#22
 Acetophenone
 Concen: 0.019 ng
 RT: 8.98 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

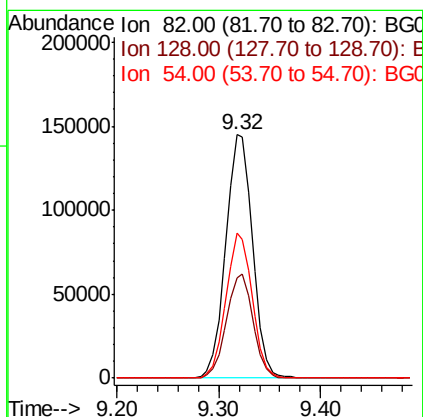
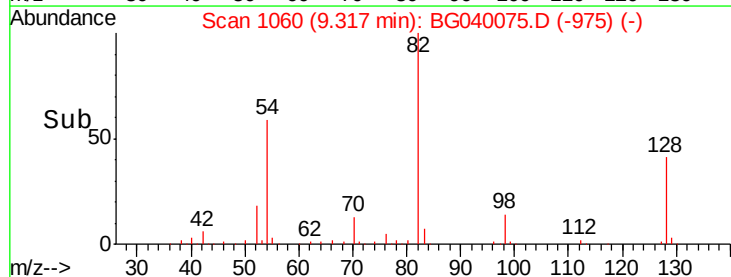
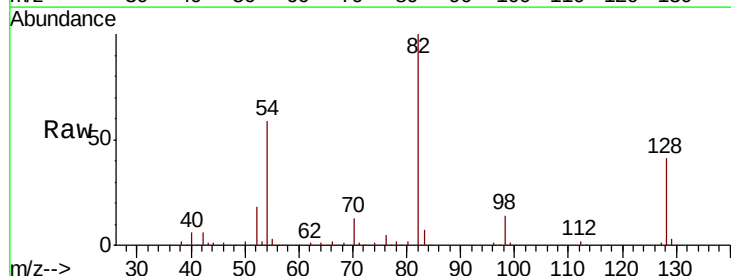
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2

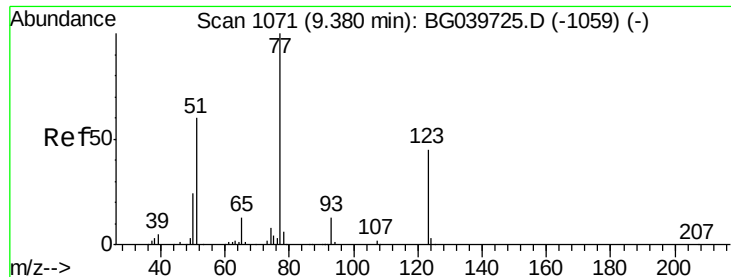
Tgt Ion:	105	Resp:	77
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	0.0	30.2	45.2#
120	0.0	18.0	27.0#



#23
 Nitrobenzene-d5
 Concen: 92.624 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Tgt Ion:	82	Resp:	265049
Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.3	46.9
54	59.4	50.9	76.3

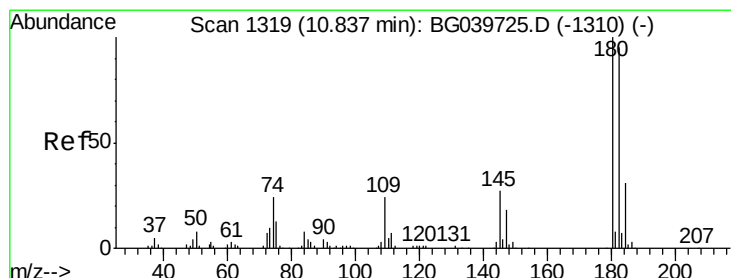
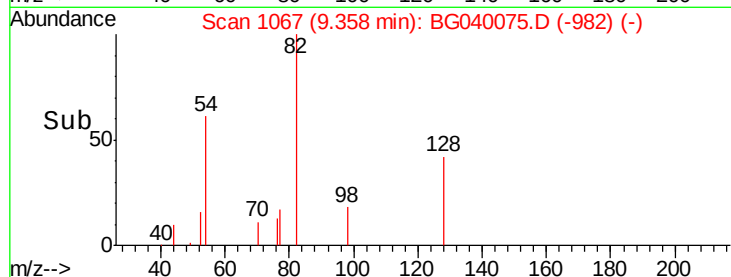
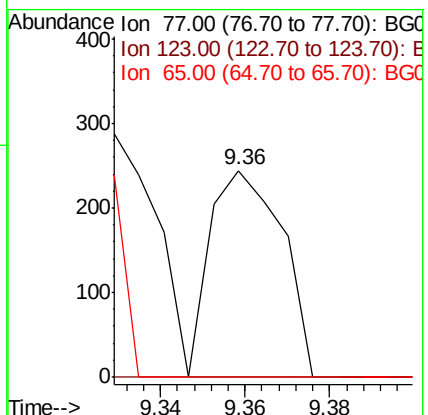
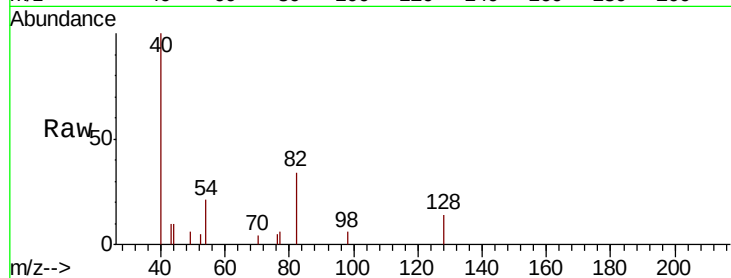




#24
 Nitrobenzene
 Concen: 0.097 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.03 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

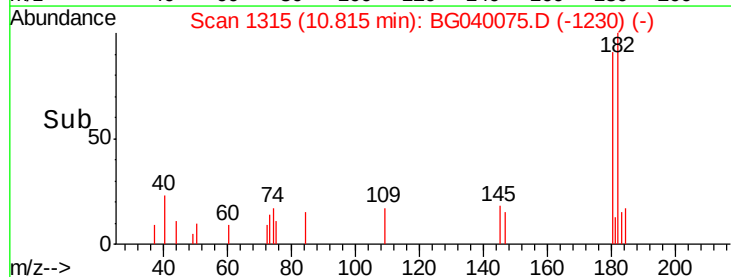
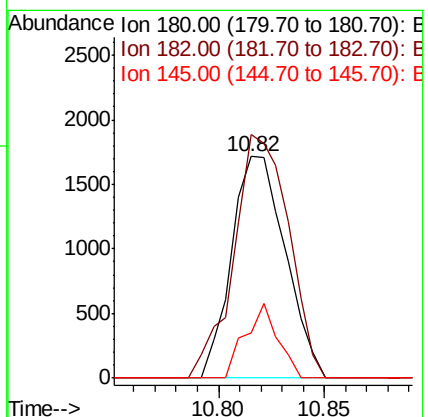
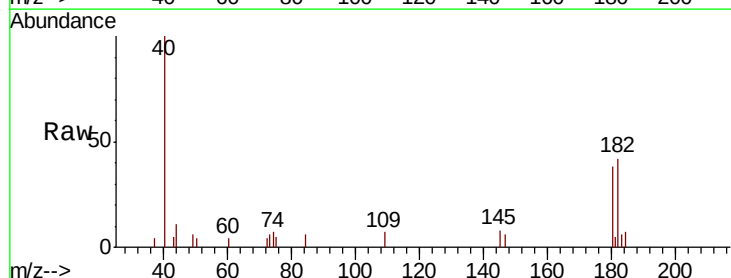
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2

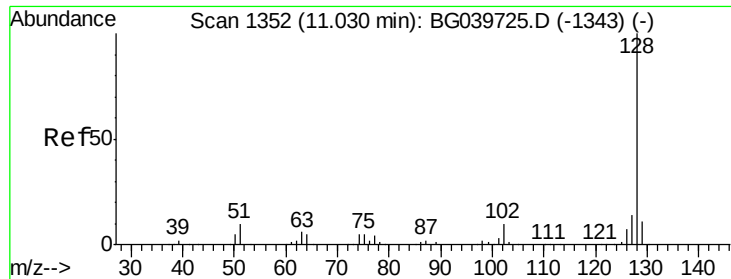
Tgt Ion: 77 Resp: 290
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.1 51.1#
 65 0.0 12.3 18.5#



#30
 1,2,4-Trichlorobenzene
 Concen: 1.059 ng
 RT: 10.82 min Scan# 1315
 Delta R.T. -0.03 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Tgt Ion: 180 Resp: 3025
 Ion Ratio Lower Upper
 180 100
 182 110.0 76.0 114.0
 145 20.2 22.7 34.1#

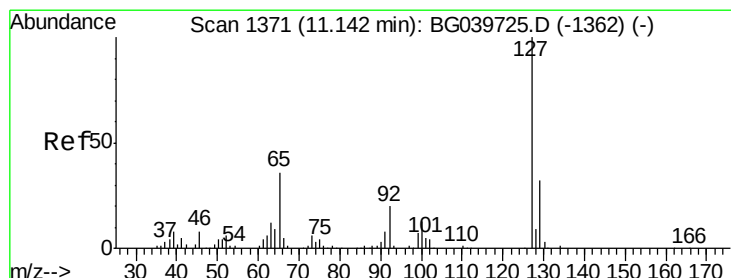
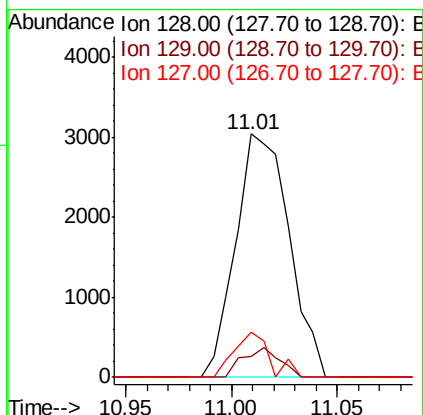
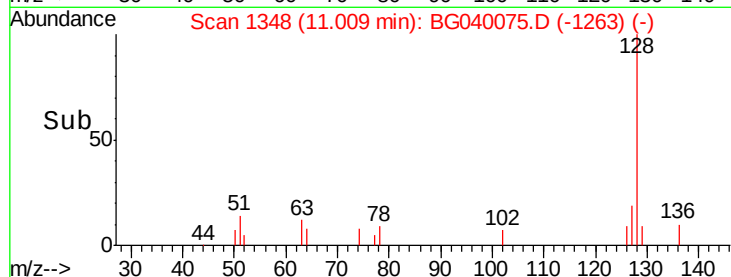
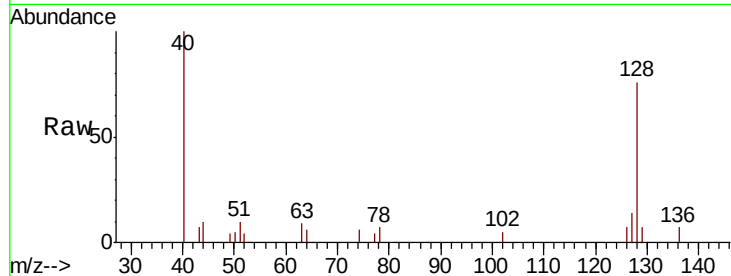




#31
Naphthalene
Concen: 0.649 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

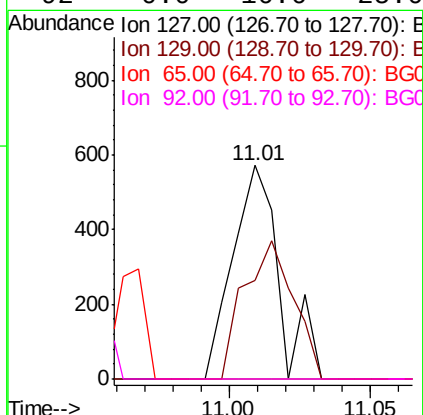
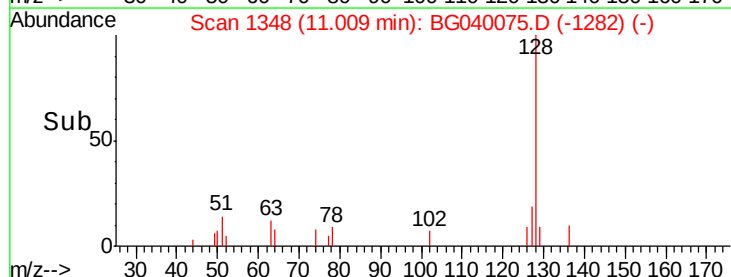
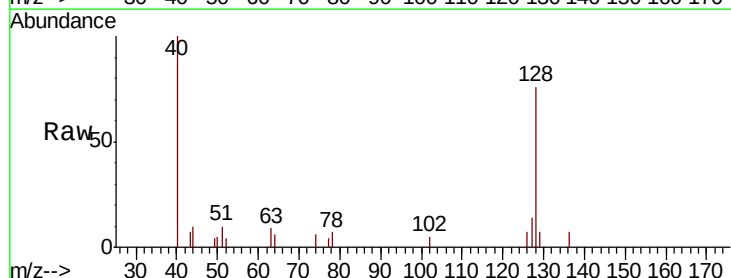
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

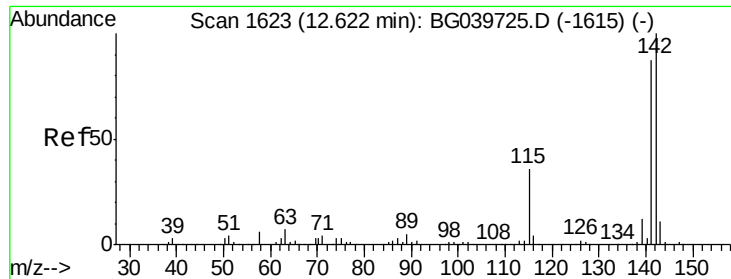
Tgt Ion:128 Resp: 5321
Ion Ratio Lower Upper
128 100
129 8.7 8.7 13.1#
127 18.8 10.8 16.2#



#33
4-Chloroaniline
Concen: 0.188 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.14 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:127 Resp: 652
Ion Ratio Lower Upper
127 100
129 46.2 27.0 40.4#
65 0.0 28.8 43.2#
92 0.0 16.6 25.0#

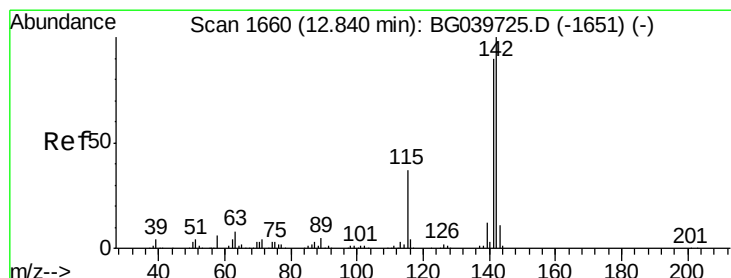
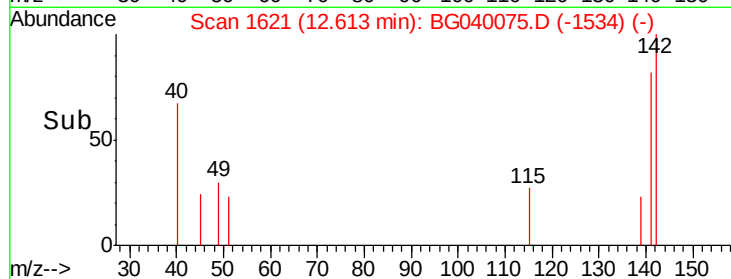
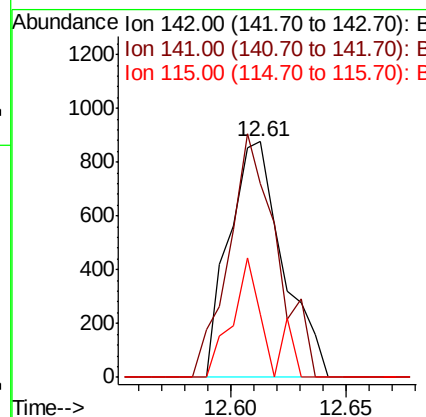
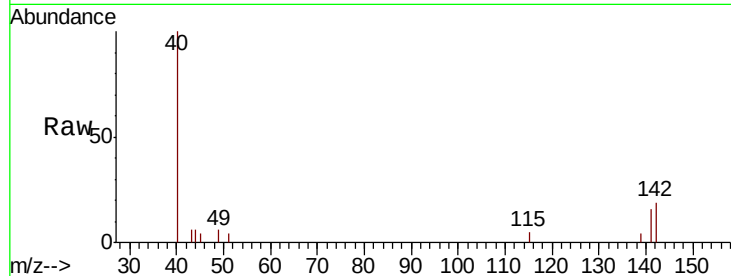




#37
 2-Methylnaphthalene
 Concen: 0.232 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

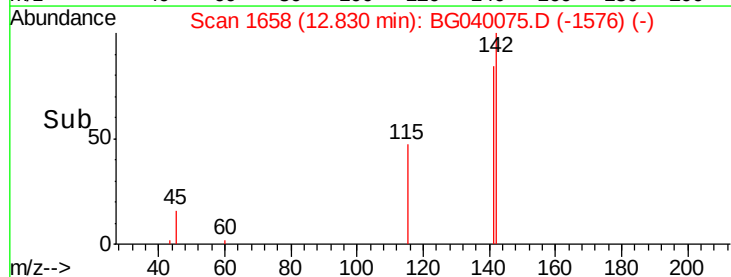
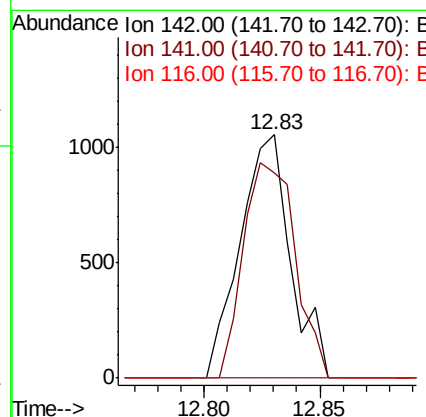
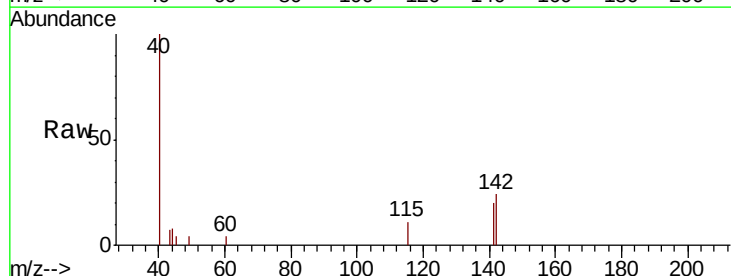
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2

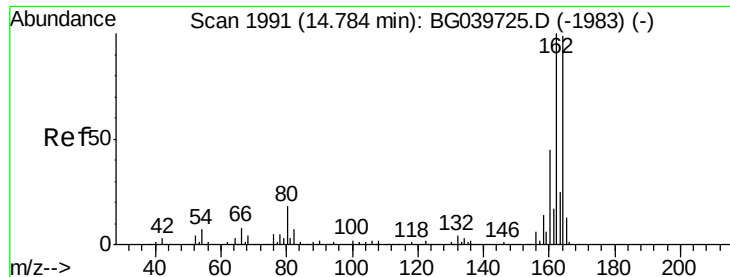
Tgt Ion:142 Resp: 1421
 Ion Ratio Lower Upper
 142 100
 141 82.3 73.5 110.3
 115 26.7 30.8 46.2#



#38
 1-Methylnaphthalene
 Concen: 0.271 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Tgt Ion:142 Resp: 1613
 Ion Ratio Lower Upper
 142 100
 141 84.1 74.2 111.4
 116 0.0 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

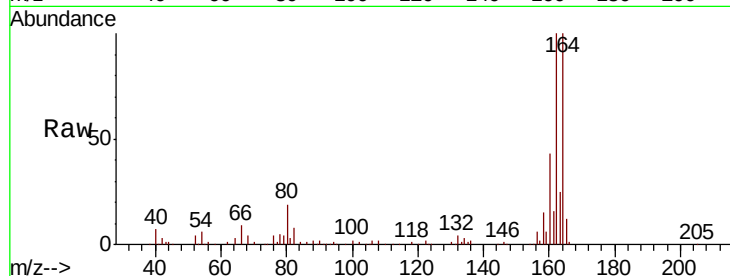
Tgt Ion:164 Resp: 109934

Ion Ratio Lower Upper

164 100

162 100.2 81.6 122.4

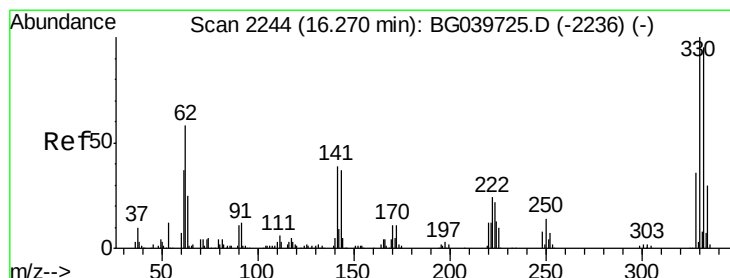
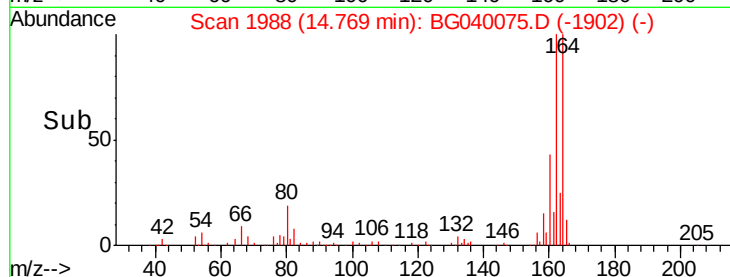
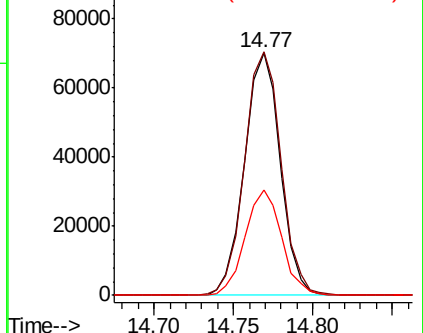
160 43.4 34.2 51.2



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: 131.984 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

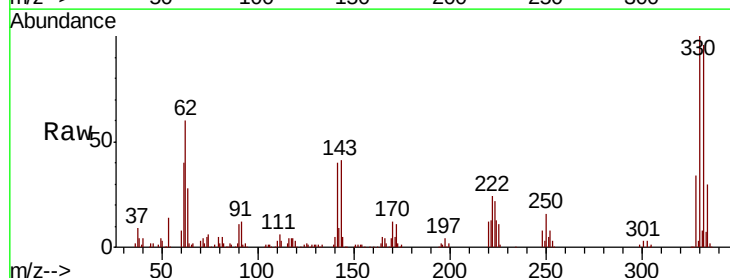
Tgt Ion:330 Resp: 169119

Ion Ratio Lower Upper

330 100

332 97.6 75.7 113.5

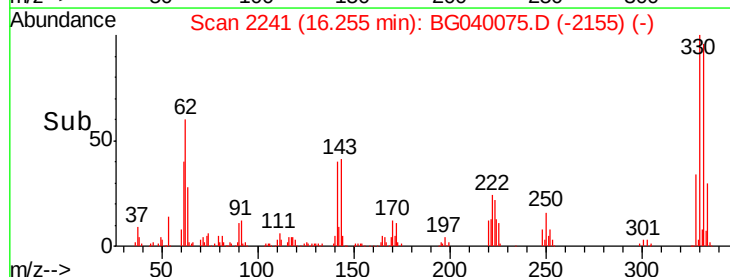
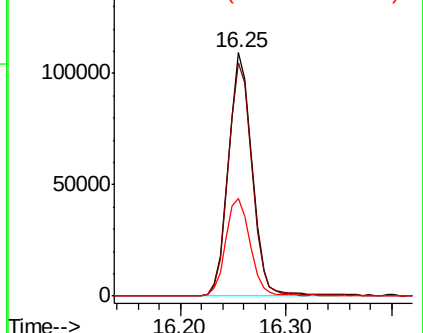
141 41.7 35.6 53.4

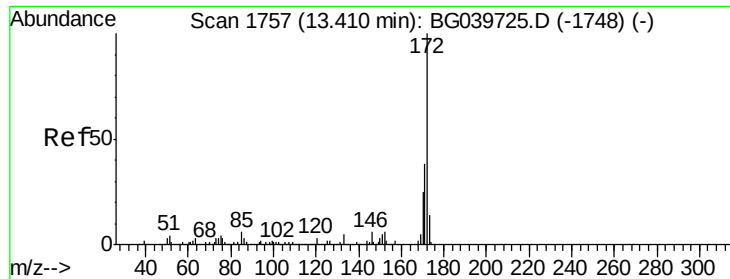


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

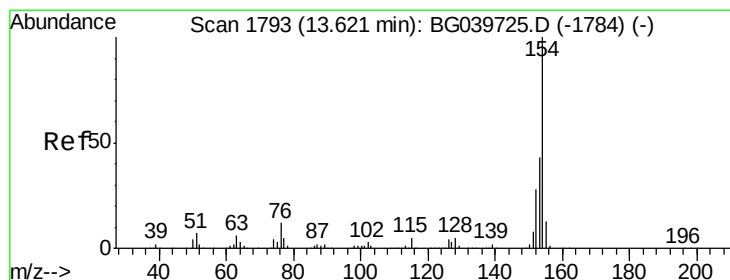
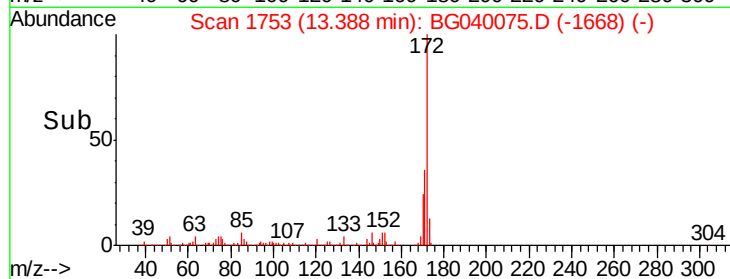
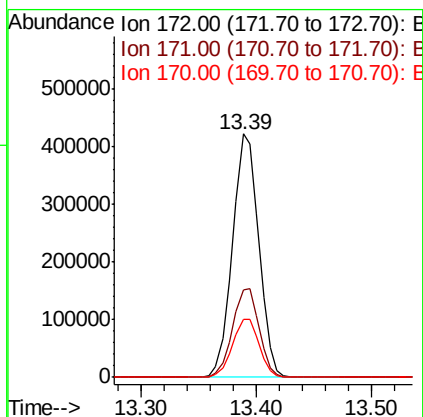
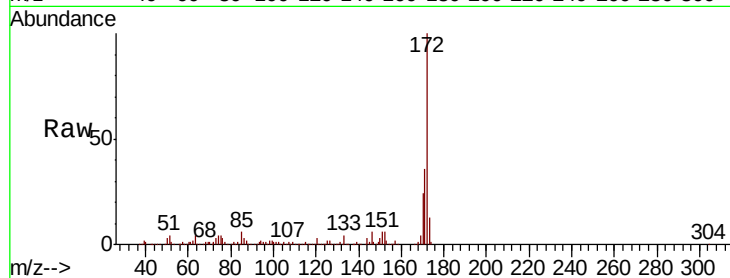




#45
2-Fluorobiphenyl
Concen: 86.055 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

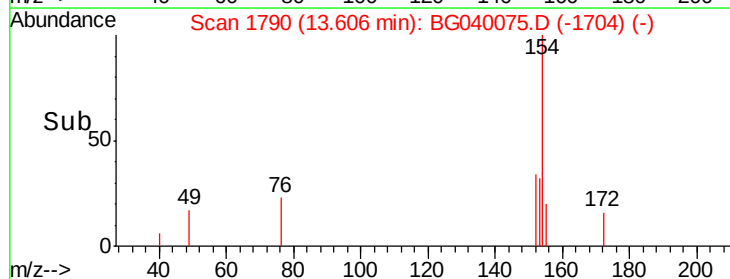
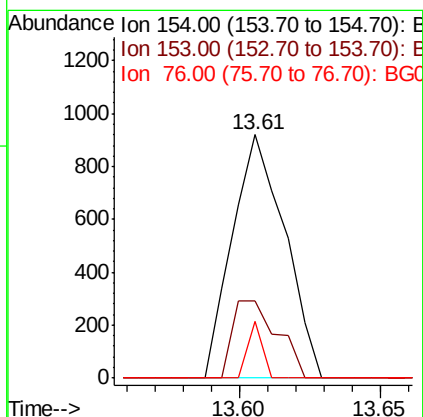
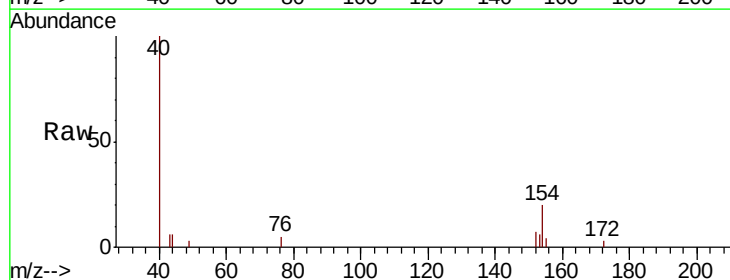
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

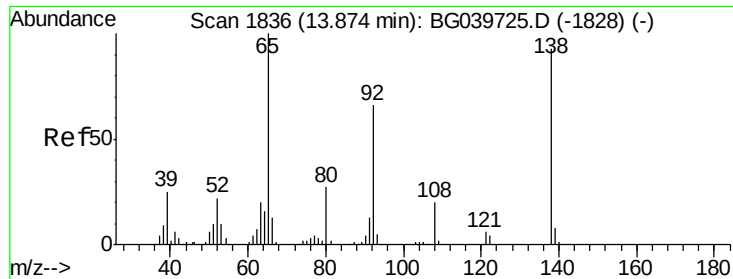
Tgt Ion:172 Resp: 664431
Ion Ratio Lower Upper
172 100
171 35.9 30.8 46.2
170 23.7 20.2 30.4



#46
1,1'-Biphenyl
Concen: 0.131 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:154 Resp: 1186
Ion Ratio Lower Upper
154 100
153 31.6 22.1 62.1
76 23.3 0.0 32.4

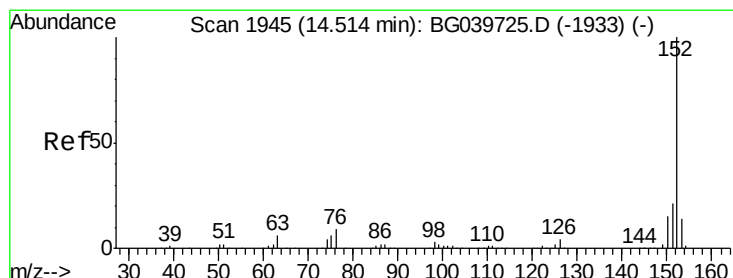
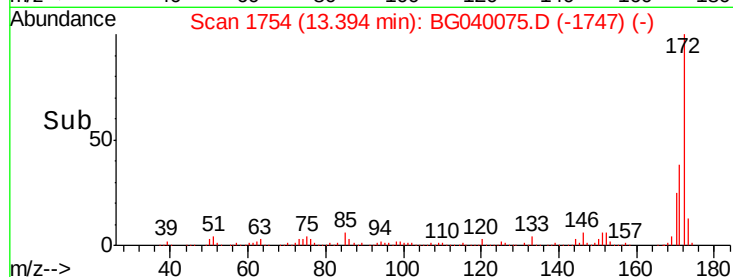
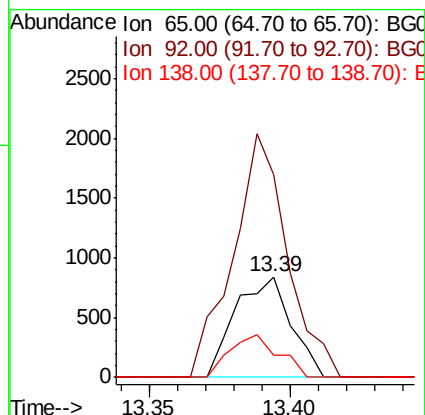
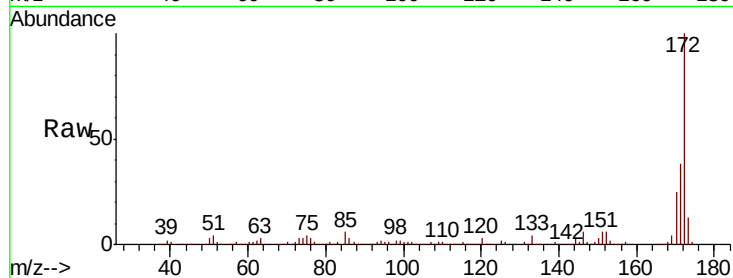




#48
2-Nitroaniline
Concen: 0.524 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.49 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

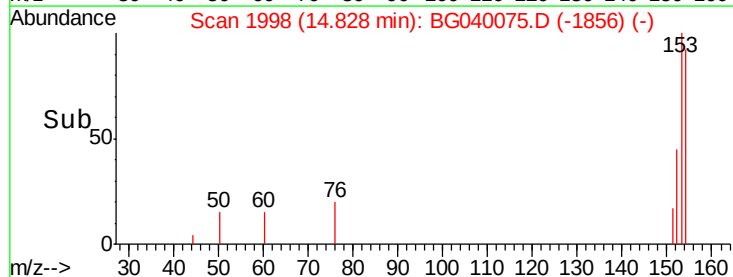
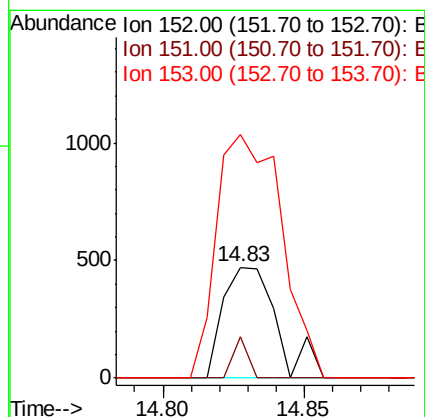
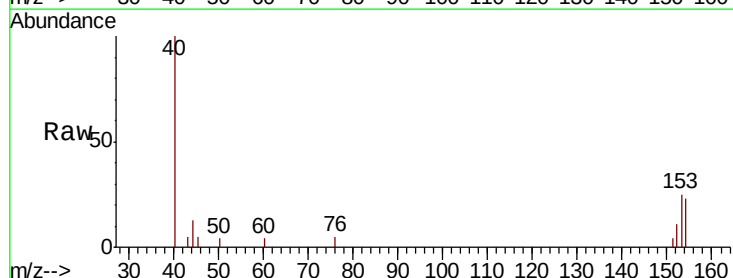
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

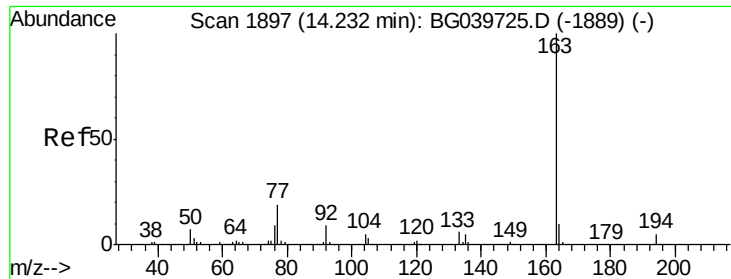
Tgt Ion: 65 Resp: 1145
Ion Ratio Lower Upper
65 100
92 201.9 51.4 77.2#
138 22.3 71.4 107.2#



#49
Acenaphthylene
Concen: 0.055 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.31 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion: 152 Resp: 617
Ion Ratio Lower Upper
152 100
151 37.9 16.8 25.2#
153 220.2 11.7 17.5#





#50

Dimethylphthalate

Concen: 0.006 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.14 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

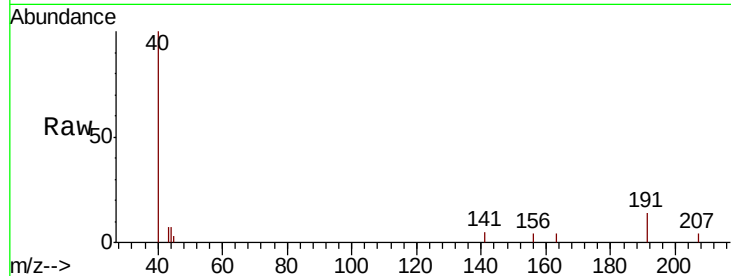
Tgt Ion:163 Resp: 58

Ion Ratio Lower Upper

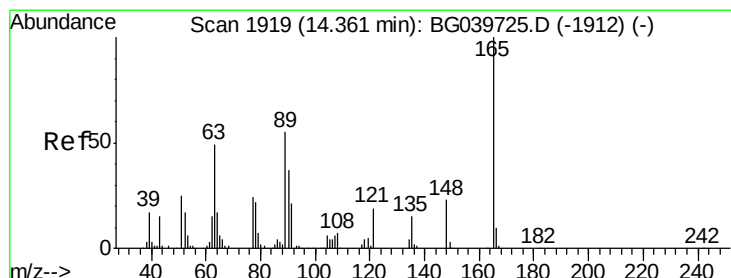
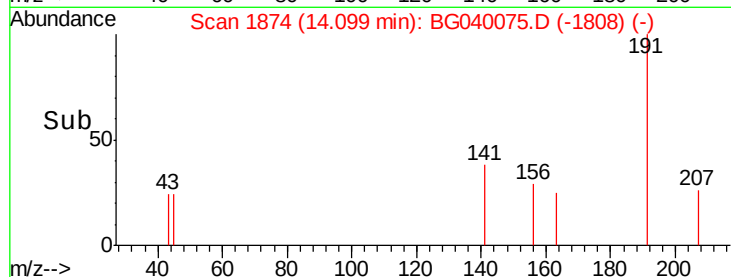
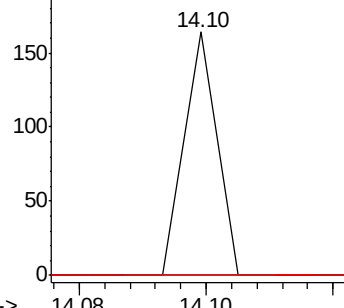
163 100

194 0.0 3.6 5.4#

164 0.0 8.4 12.6#



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



#51

2,6-Dinitrotoluene

Concen: 7.225 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.40 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

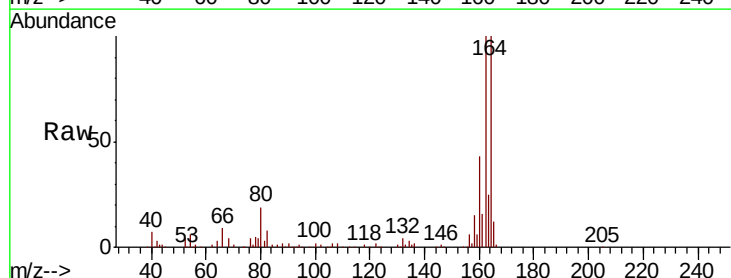
Tgt Ion:165 Resp: 14080

Ion Ratio Lower Upper

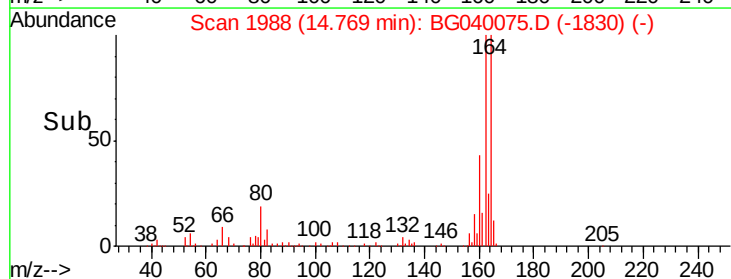
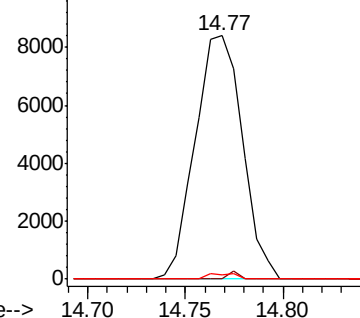
165 100

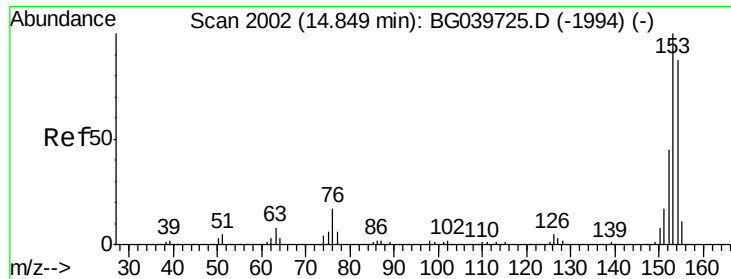
63 0.0 47.0 70.6#

89 1.9 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: 0.220 ng

RT: 14.83 min Scan# 1998

Delta R.T. -0.03 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

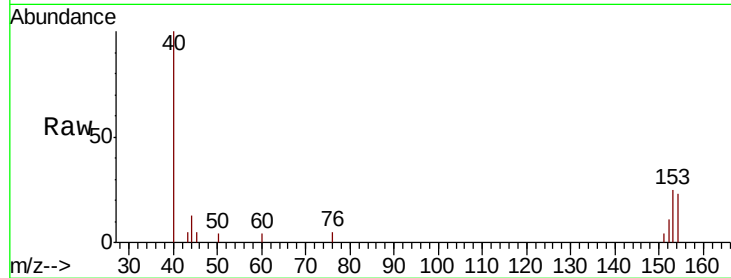
Tgt Ion:154 Resp: 1480

Ion Ratio Lower Upper

154 100

153 109.2 90.1 135.1

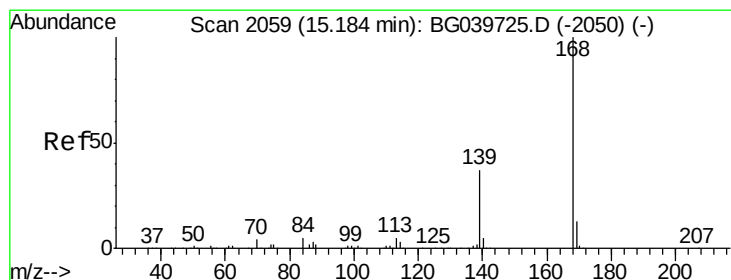
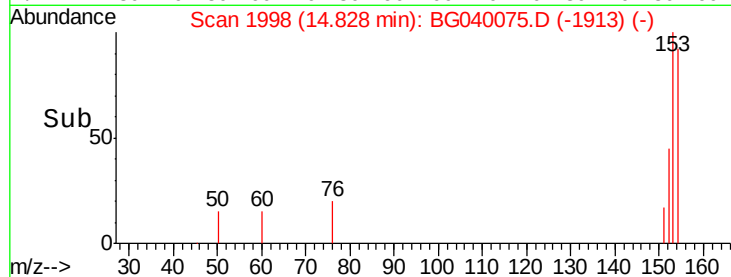
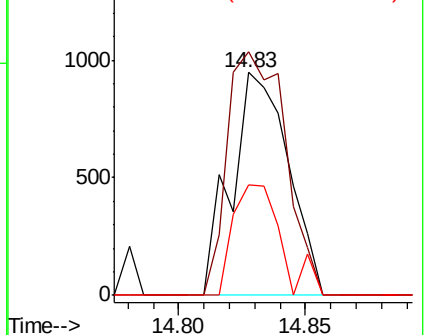
152 49.6 40.9 61.3



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



#55

Dibenzofuran

Concen: 0.014 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

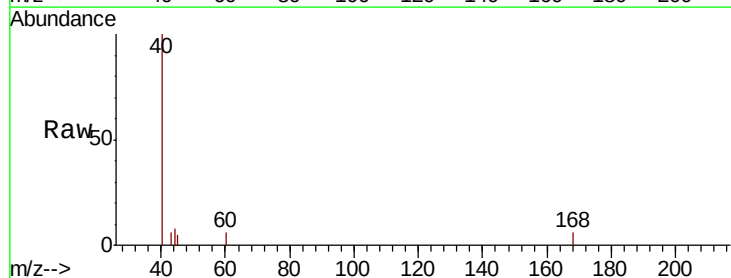
Tgt Ion:168 Resp: 156

Ion Ratio Lower Upper

168 100

139 0.0 30.1 45.1#

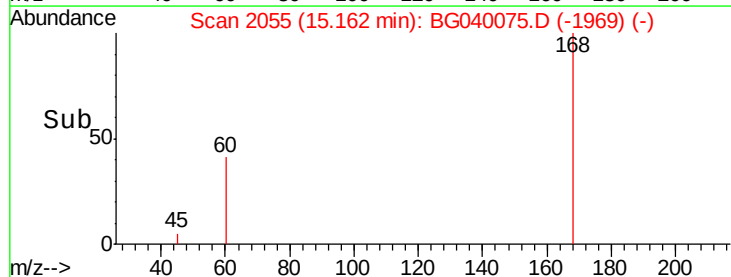
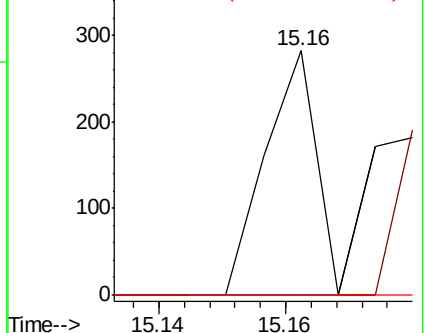
169 0.0 10.6 16.0#

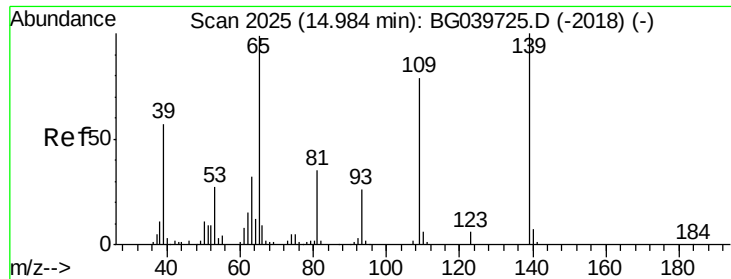


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

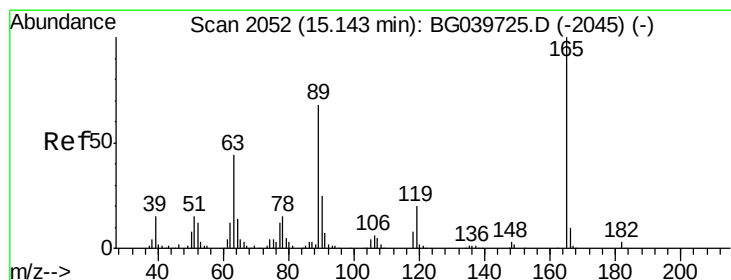
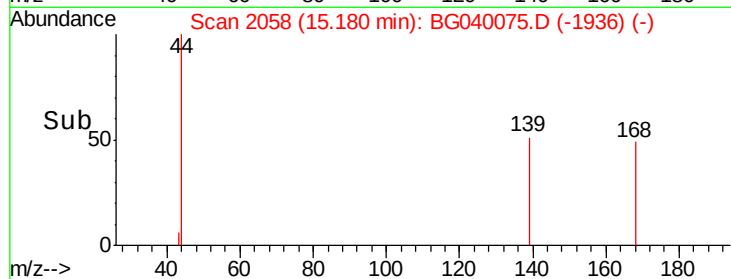
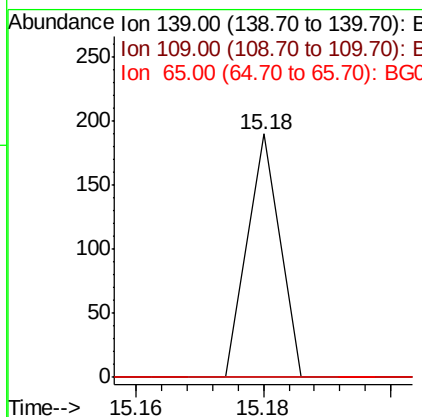
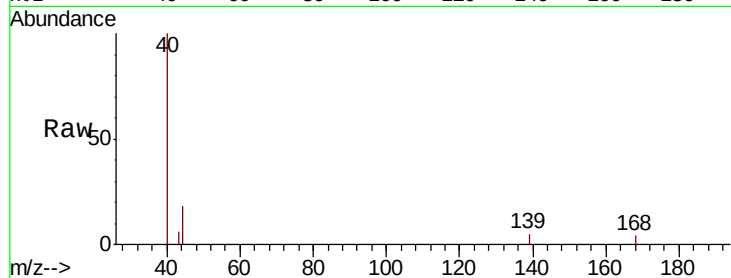




#56
4-Nitrophenol
Concen: 0.038 ng
RT: 15.18 min Scan# 2058
Delta R.T. 0.19 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

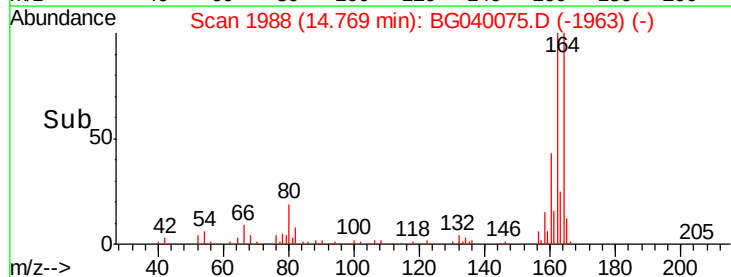
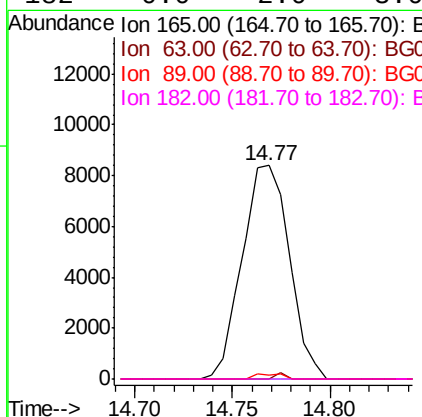
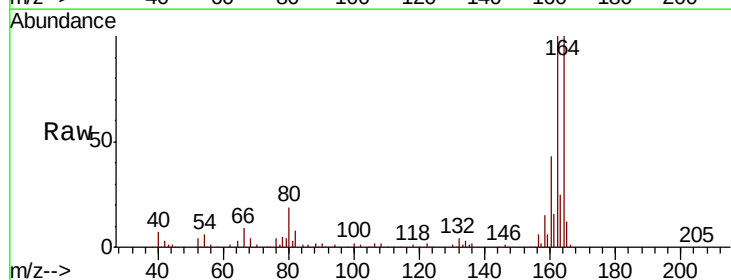
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

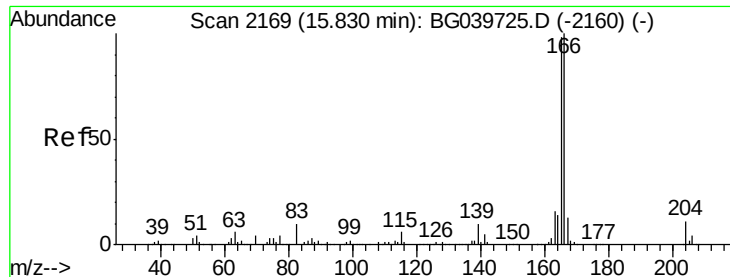
Tgt Ion:139 Resp: 67
Ion Ratio Lower Upper
139 100
109 0.0 61.9 101.9#
65 0.0 99.1 139.1#



#57
2,4-Dinitrotoluene
Concen: 5.142 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:165 Resp: 14080
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 1.9 64.6 96.8#
182 0.0 2.0 3.0#





#58

Fluorene

Concen: 0.082 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

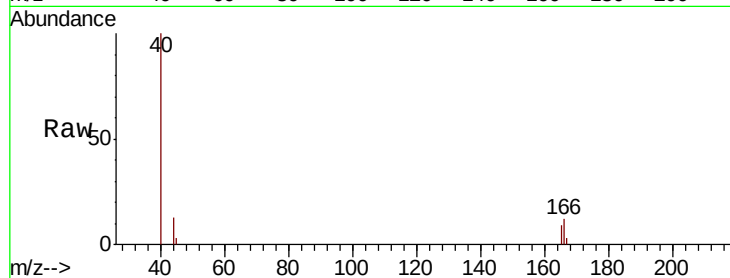
Tgt Ion: 166 Resp: 714

Ion Ratio Lower Upper

166 100

165 77.6 77.9 116.9#

167 30.1 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

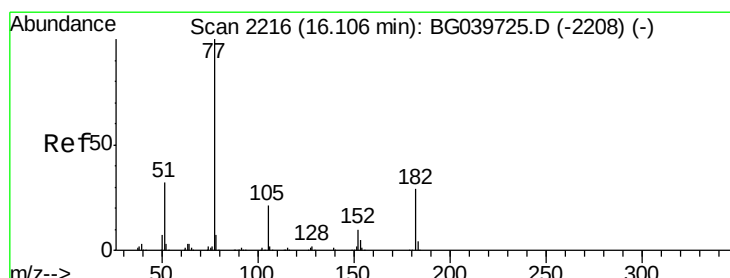
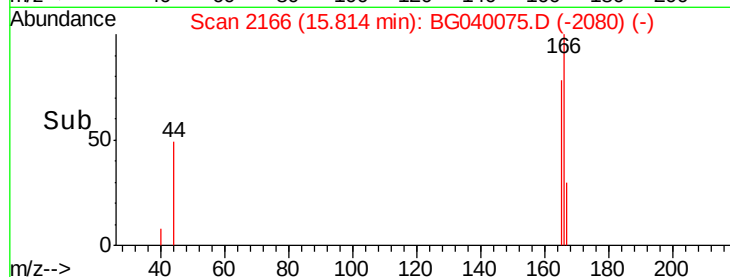
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.81

15.85

Time-->



#63

Azobenzene

Concen: 0.131 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.14 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

Tgt Ion: 77 Resp: 1081

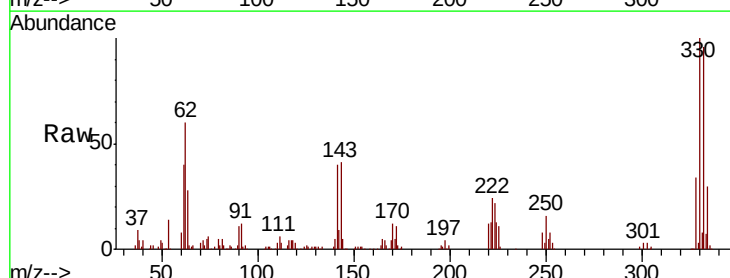
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 67.5 0.0 39.8#

51 56.8 14.1 54.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

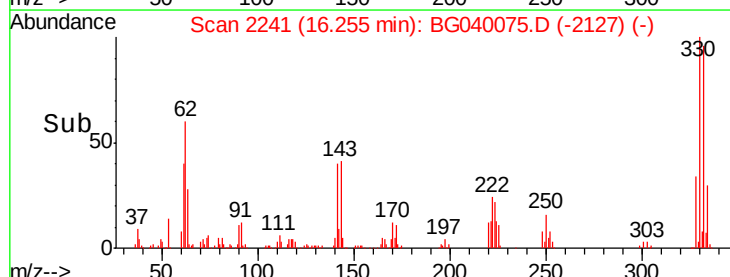
Ion 105.00 (104.70 to 105.70): E

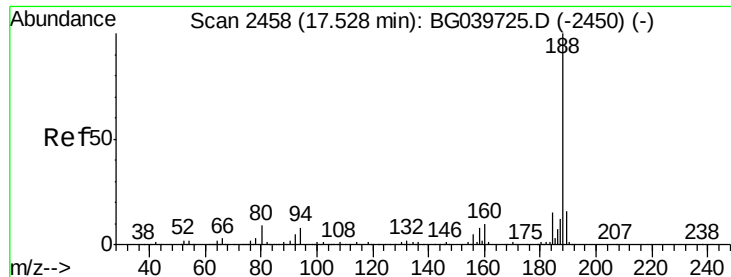
Ion 51.00 (50.70 to 51.70): BGC

16.25

16.25

Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

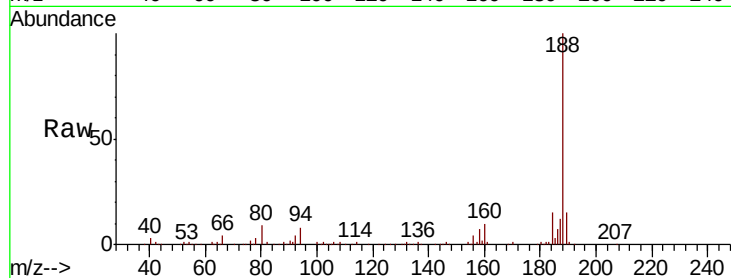
Tgt Ion:188 Resp: 281822

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

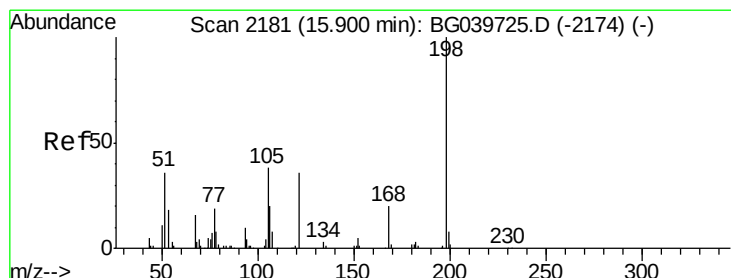
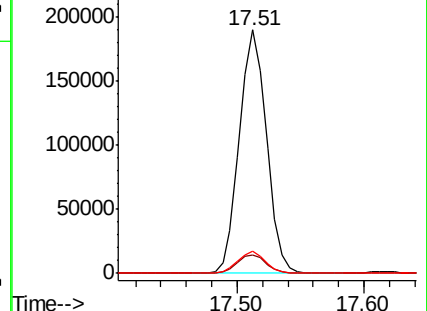
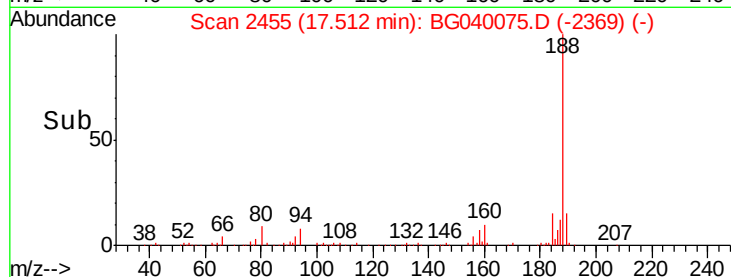
80 9.0 8.1 12.1



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



#65

4,6-Dinitro-2-methylphenol

Concen: 0.421 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.35 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

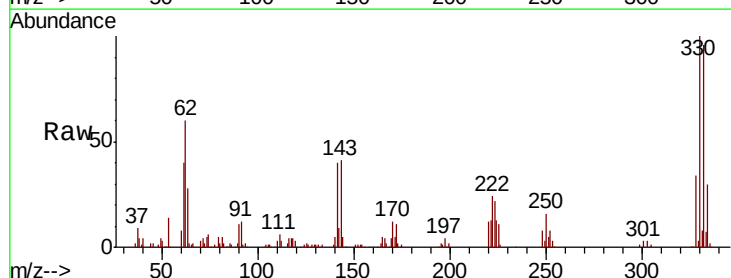
Tgt Ion:198 Resp: 702

Ion Ratio Lower Upper

198 100

51 103.8 27.4 67.4#

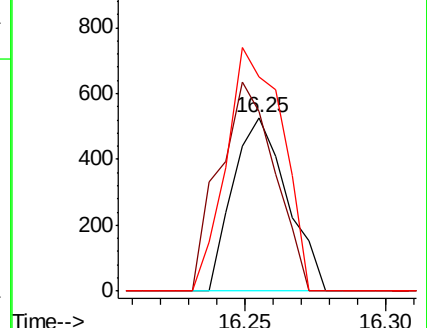
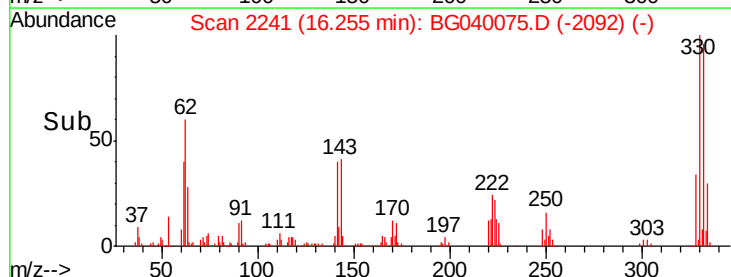
105 123.4 19.7 59.7#

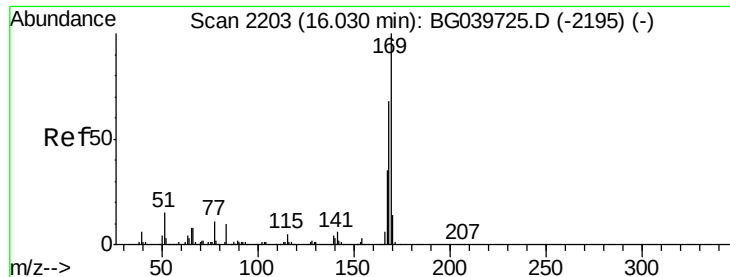


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

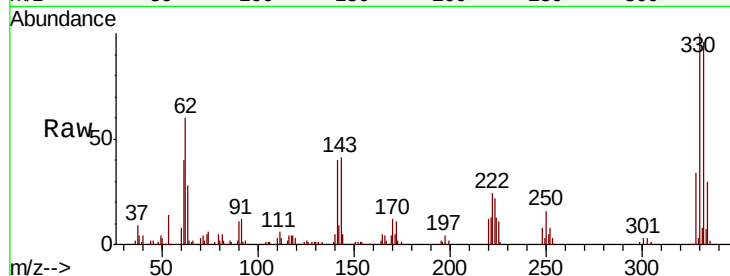




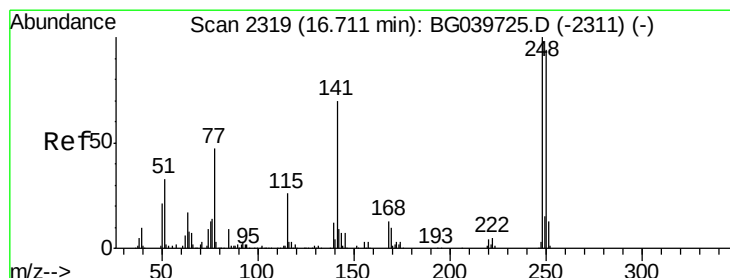
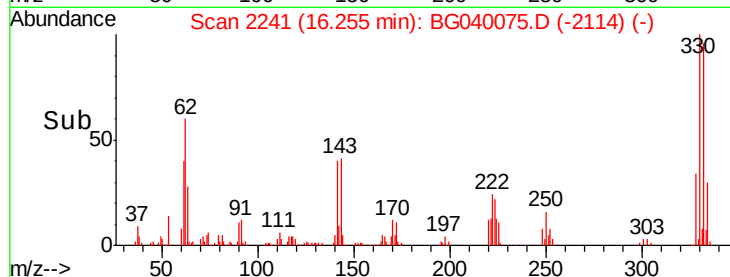
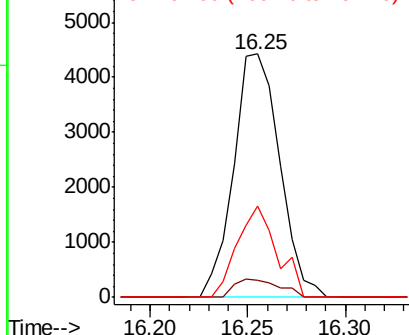
#66
 n-Nitrosodiphenylamine
 Concen: 0.885 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2

Tgt Ion:169 Resp: 7222
 Ion Ratio Lower Upper
 169 100
 168 6.9 56.6 85.0#
 167 37.4 28.8 43.2

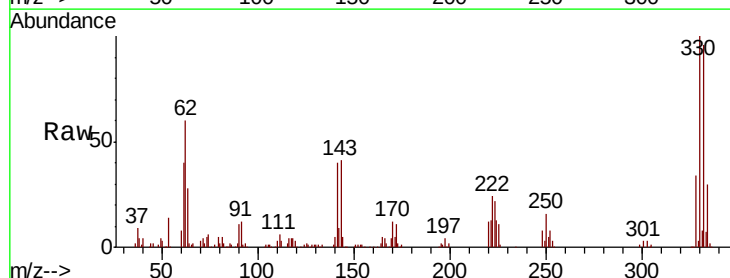


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

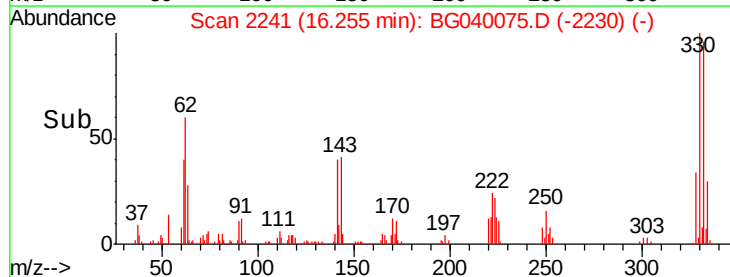
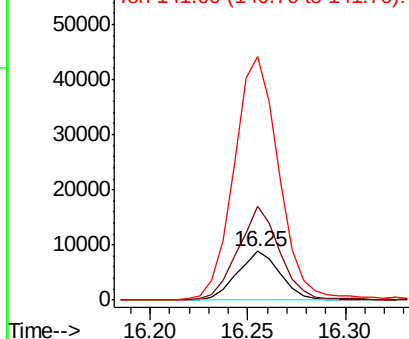


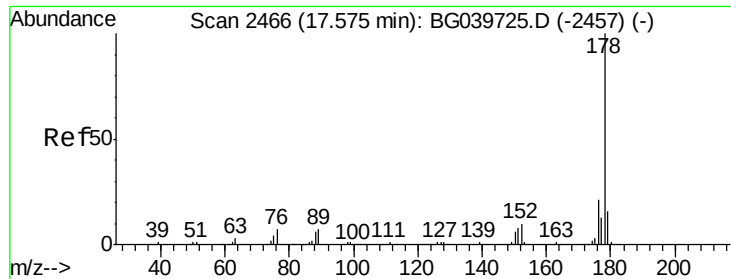
#67
 4-Bromophenyl-phenylether
 Concen: 4.247 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Tgt Ion:248 Resp: 13397
 Ion Ratio Lower Upper
 248 100
 250 192.5 77.6 116.4#
 141 497.1 63.9 95.9#



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

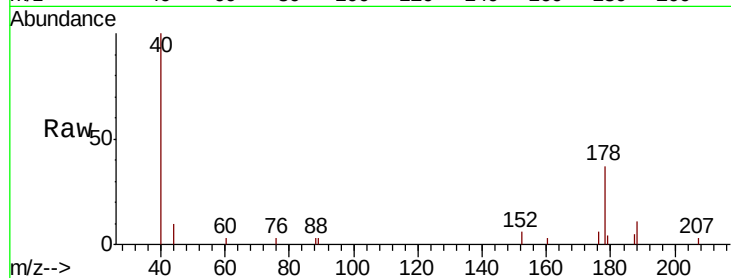




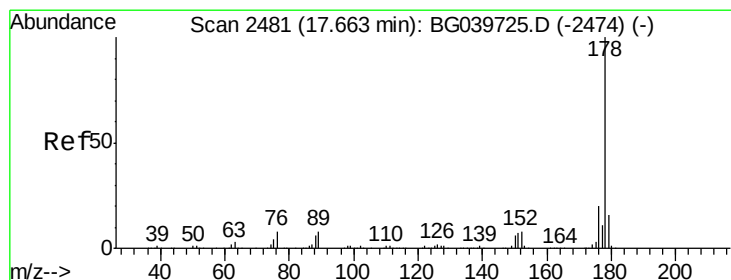
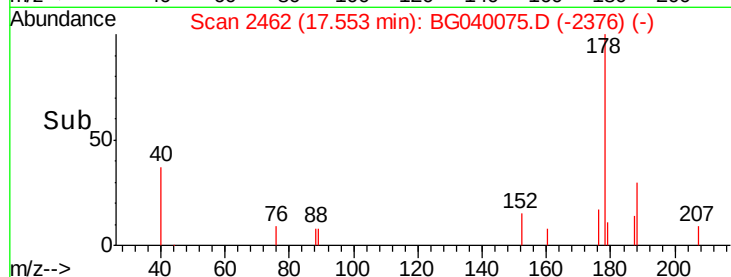
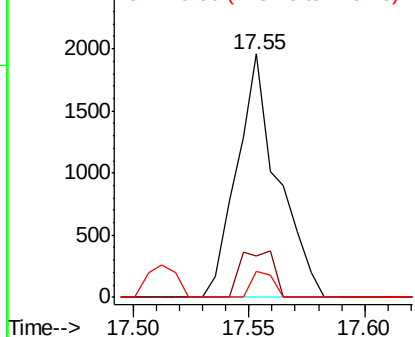
#71
Phenanthrene
Concen: 0.155 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion:178 Resp: 2410
Ion Ratio Lower Upper
178 100
176 16.8 16.2 24.4
179 10.7 12.6 19.0#

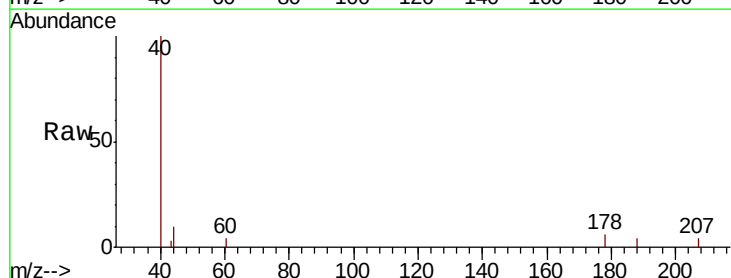


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

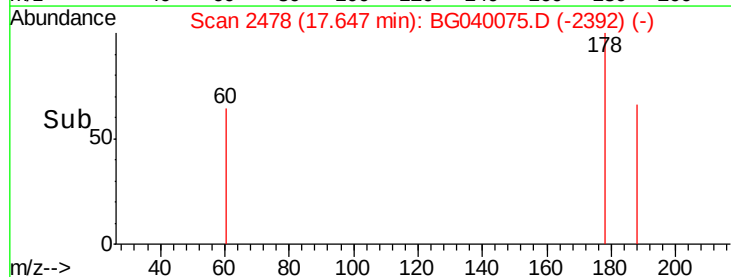
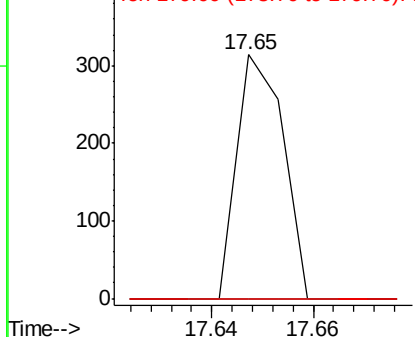


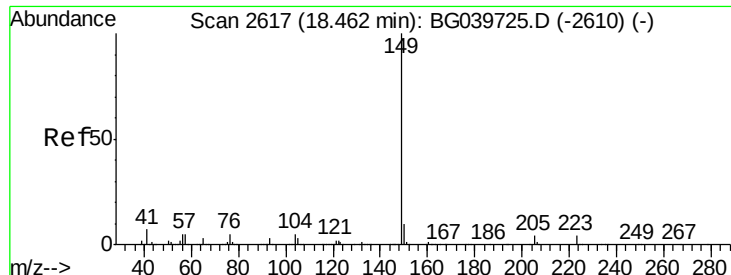
#72
Anthracene
Concen: 0.013 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:178 Resp: 201
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 0.0 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

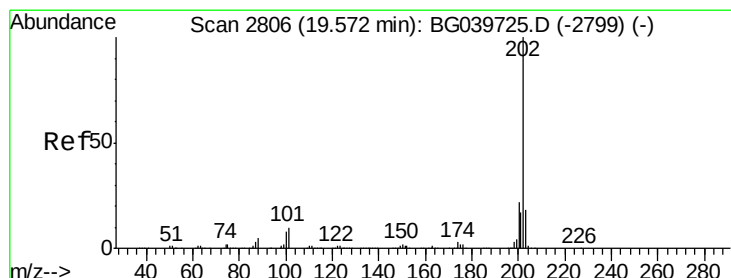
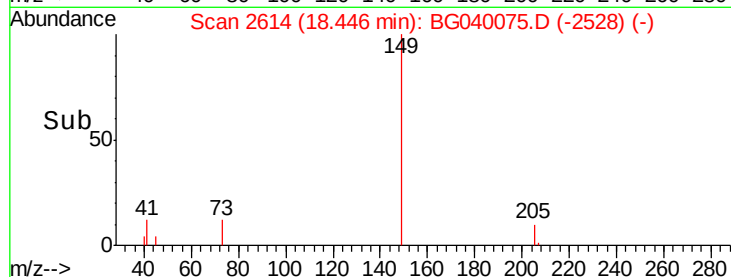
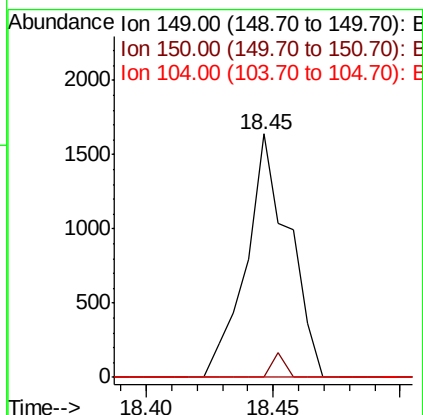
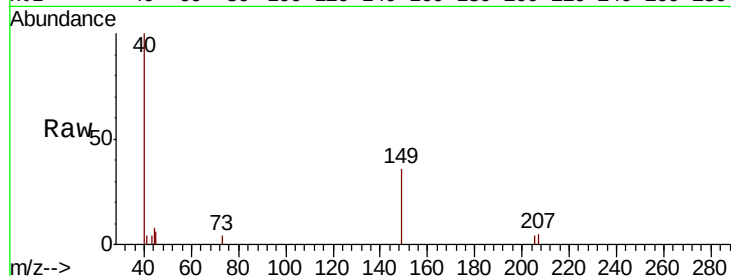




#74
Di-n-butylphthalate
Concen: 0.121 ng
RT: 18.45 min Scan# 2614
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

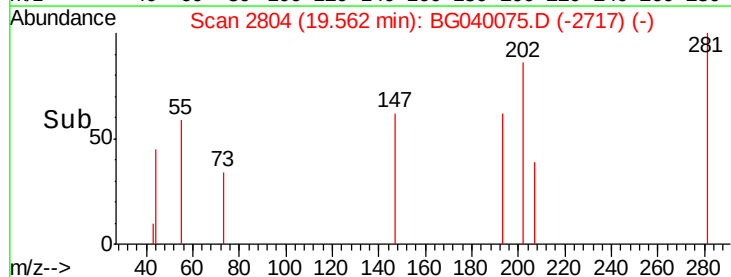
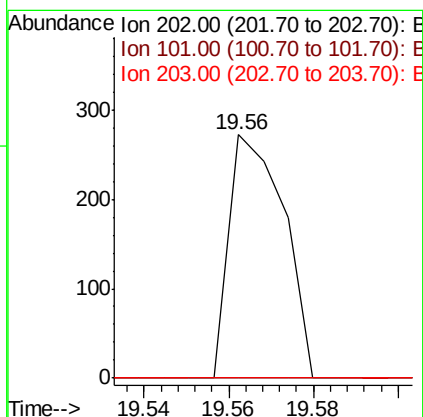
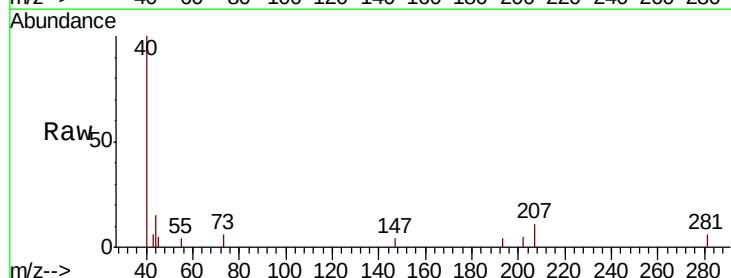
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

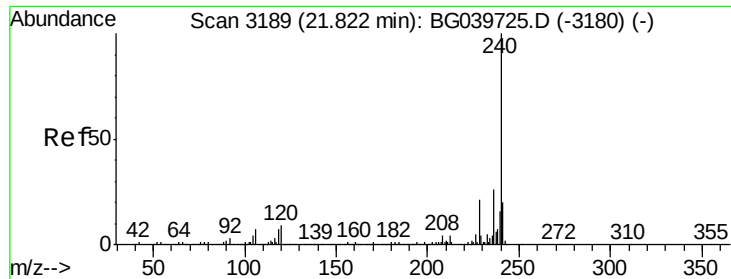
Tgt Ion:149 Resp: 1937
Ion Ratio Lower Upper
149 100
150 0.0 7.7 11.5#
104 0.0 4.5 6.7#



#75
Fluoranthene
Concen: 0.013 ng
RT: 19.56 min Scan# 2804
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:202 Resp: 244
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.0
203 0.0 0.0 38.9

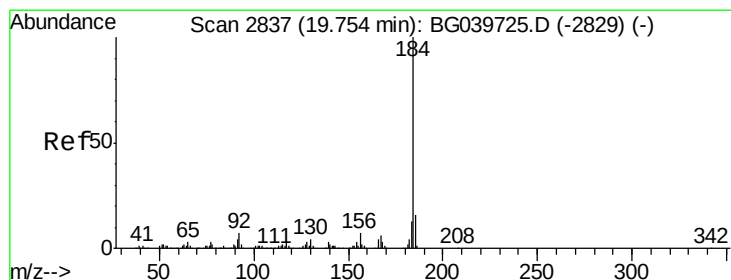
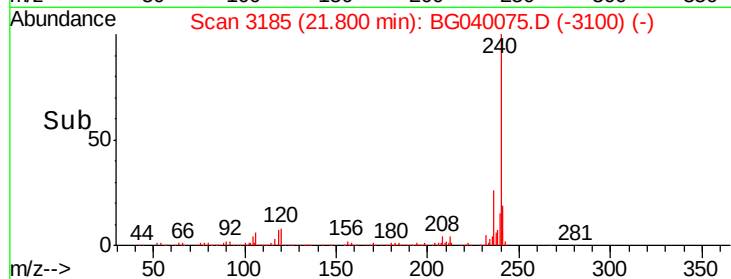
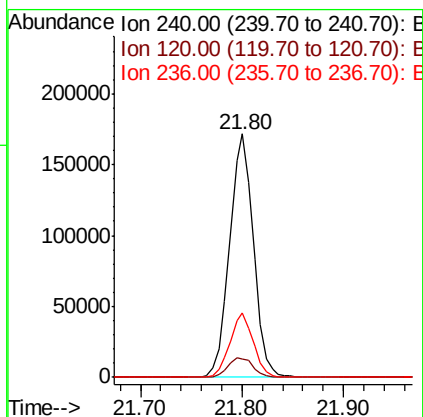
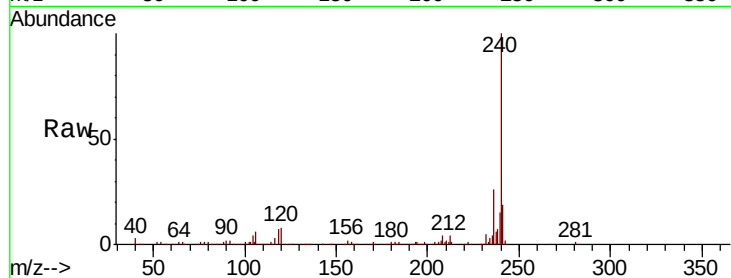




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

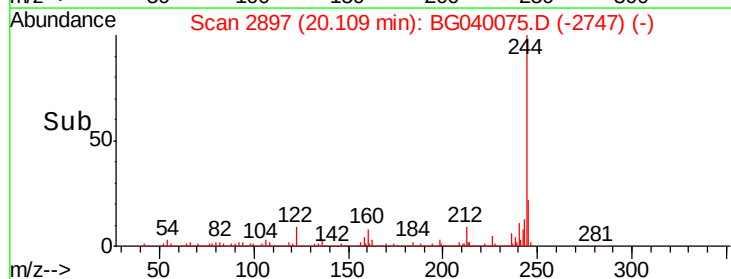
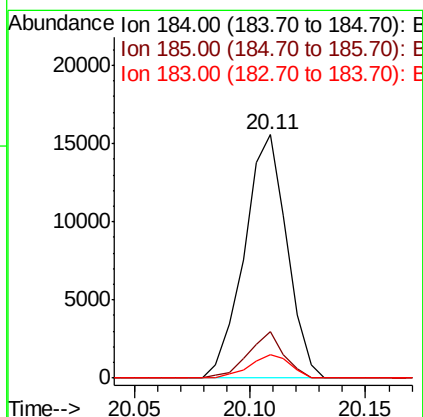
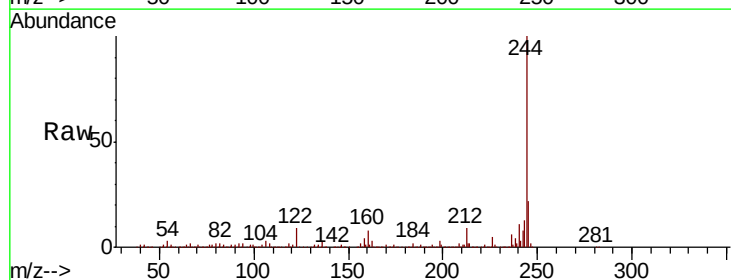
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

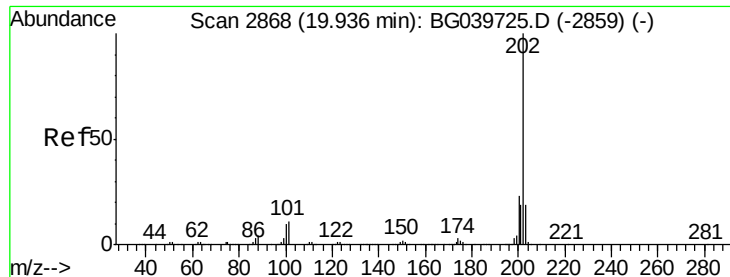
Tgt Ion:240 Resp: 279801
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 26.2 21.0 31.4



#77
Benzidine
Concen: 2.244 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:184 Resp: 19920
Ion Ratio Lower Upper
184 100
185 19.1 12.2 18.2#
183 9.6 10.6 15.8#





#78

Pyrene

Concen: 0.013 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

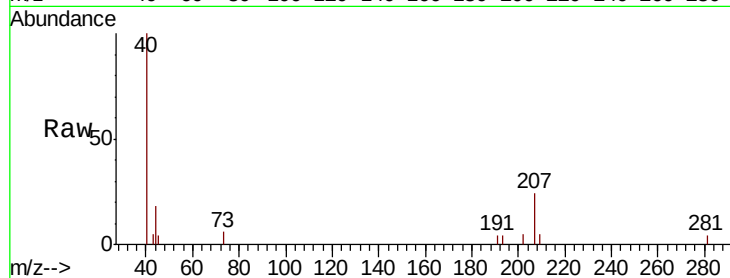
Tgt Ion: 202 Resp: 245

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.8#

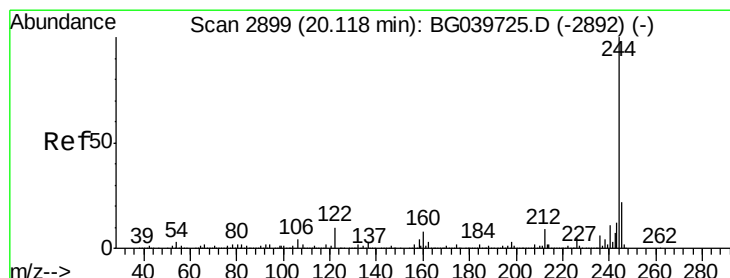
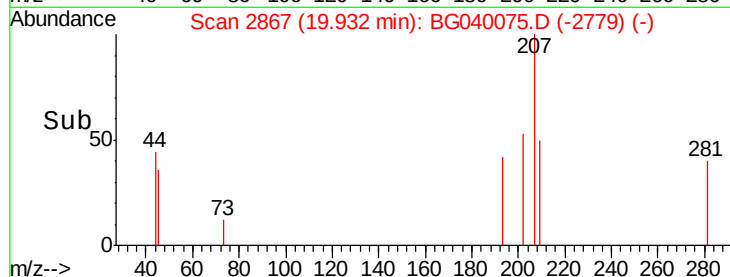
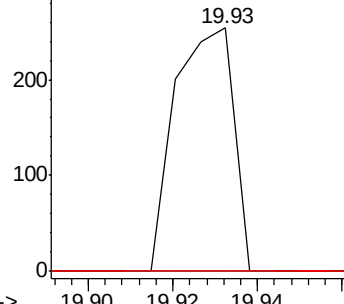
203 0.0 15.3 22.9#



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: 90.862 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

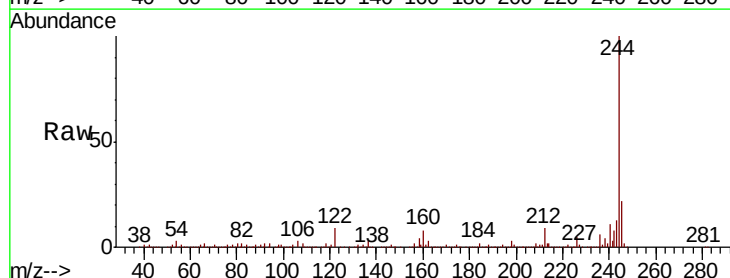
Tgt Ion: 244 Resp: 1154653

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

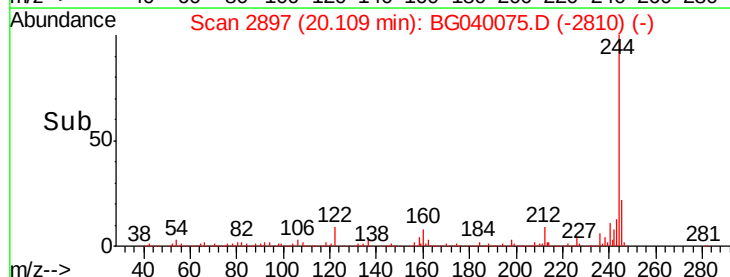
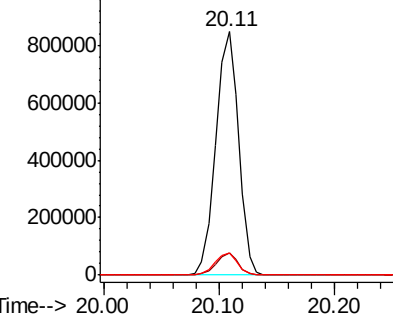
122 8.9 8.4 12.6

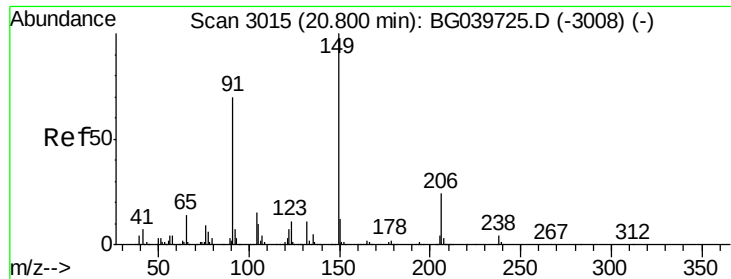


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

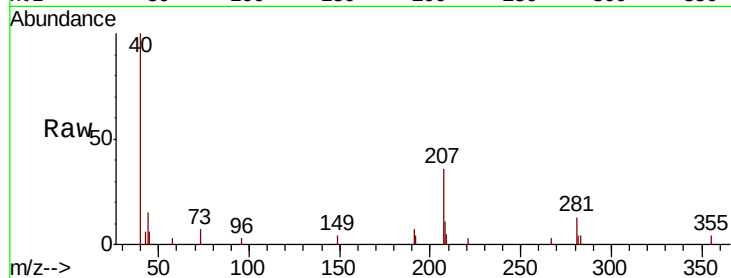




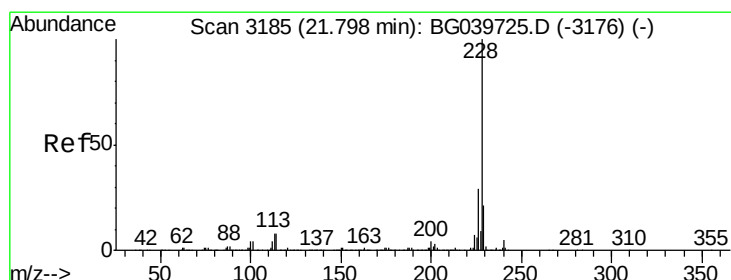
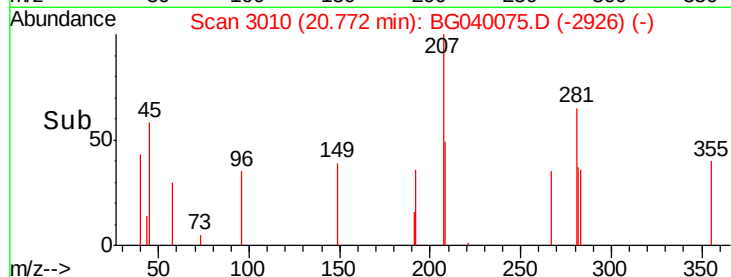
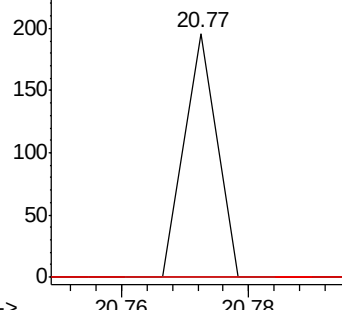
#80
Butylbenzylphthalate
Concen: 0.010 ng
RT: 20.77 min Scan# 3010
Delta R.T. -0.03 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion:149 Resp: 69
Ion Ratio Lower Upper
149 100
91 0.0 59.5 89.3#
206 0.0 18.6 27.8#

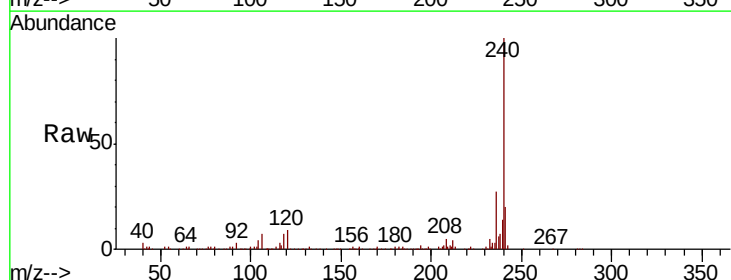


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

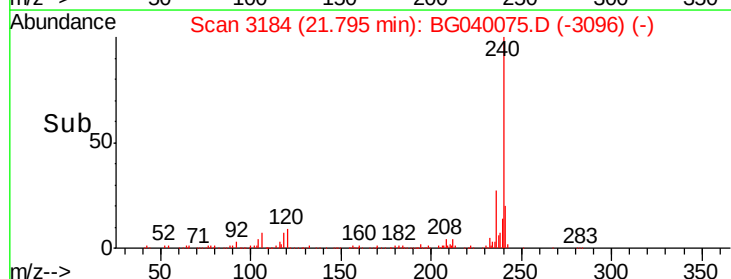
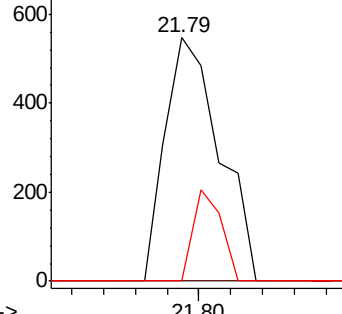


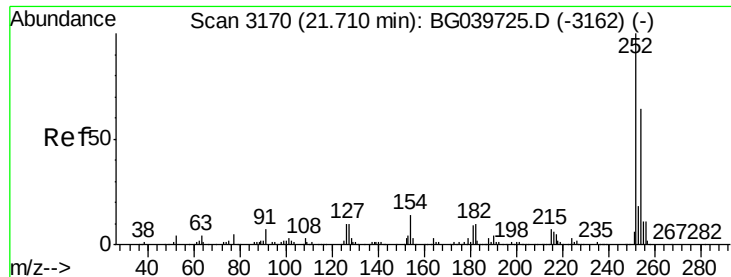
#81
Benzo(a)anthracene
Concen: 0.037 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:228 Resp: 650
Ion Ratio Lower Upper
228 100
226 0.0 23.0 34.6#
229 0.0 16.9 25.3#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

3,3'-Dichlorobenzidine

Concen: 0.009 ng

RT: 22.13 min Scan# 3241

Delta R.T. 0.41 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

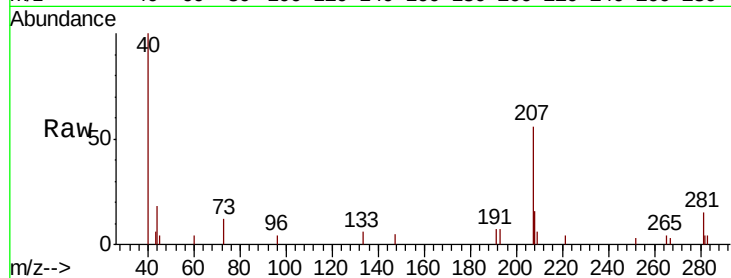
Instrument :

BNA_G

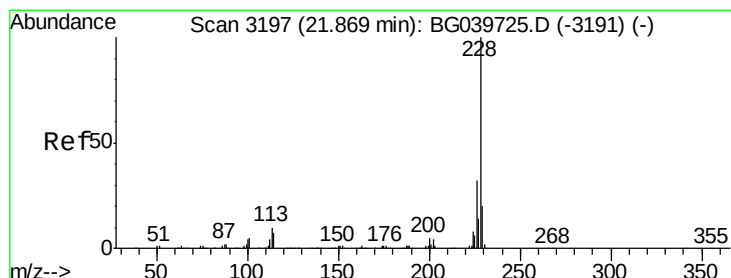
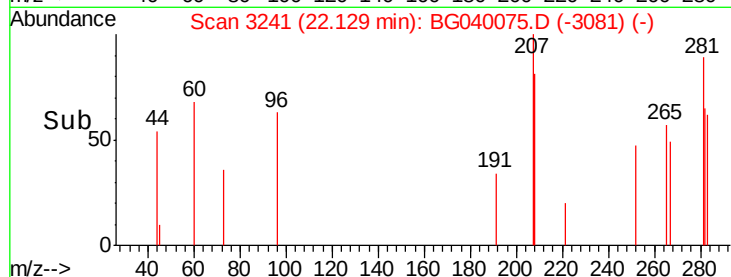
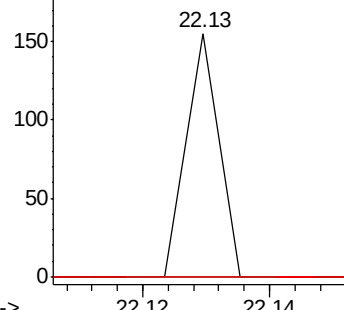
ClientSampleId :

DRUM-1-2

Tgt Ion:	252	Resp:	55
Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.3	76.9#
126	0.0	8.0	12.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 0.038 ng

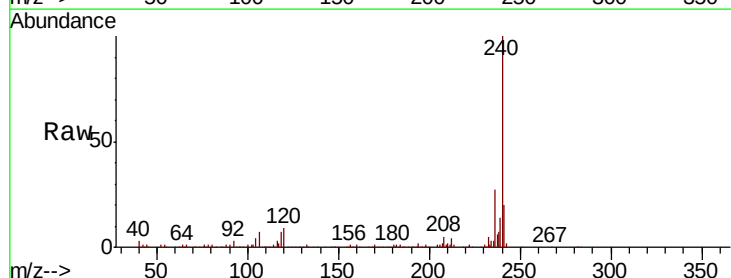
RT: 21.79 min Scan# 3184

Delta R.T. -0.08 min

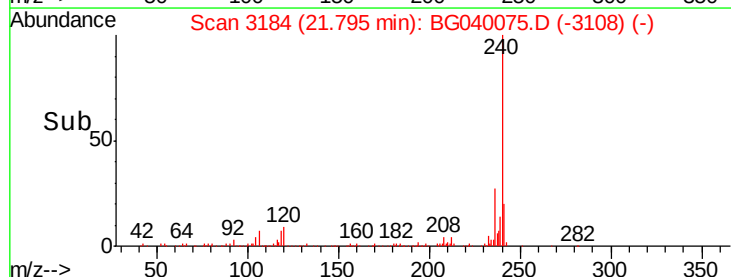
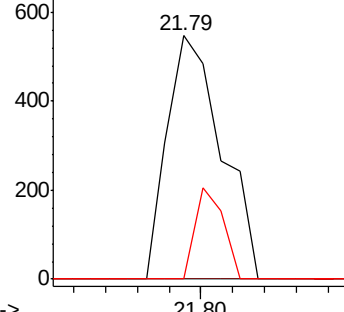
Lab File: BG040075.D

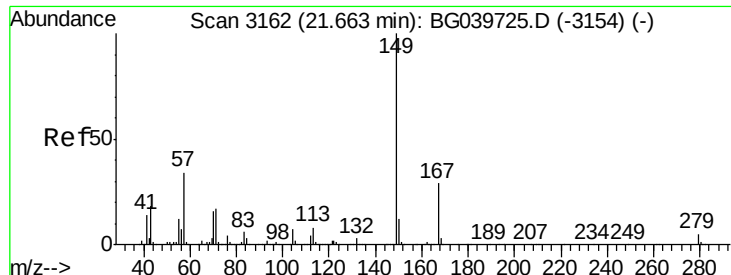
Acq: 21 Mar 2019 21:10

Tgt Ion:	228	Resp:	650
Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.8	38.6#
229	0.0	16.6	25.0#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

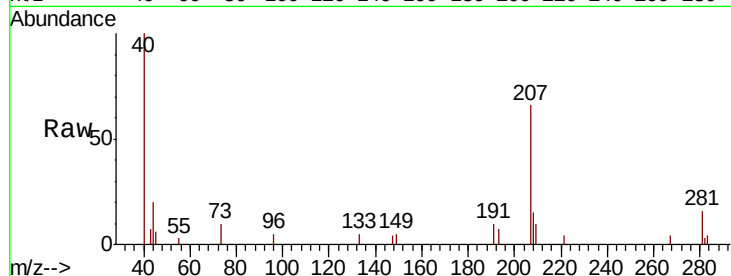




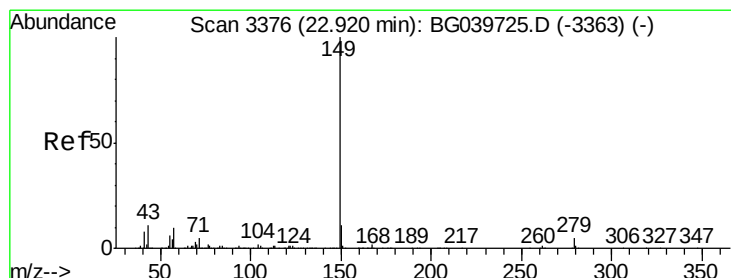
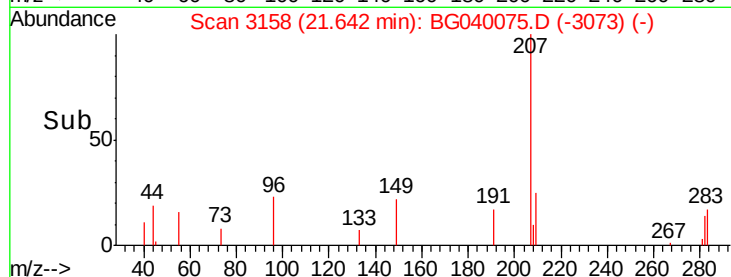
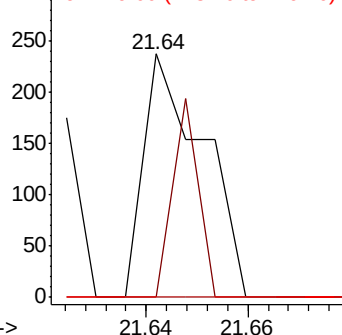
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.019 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.03 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2

Tgt Ion:149 Resp: 192
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.6 34.0#
 279 0.0 3.5 5.3#

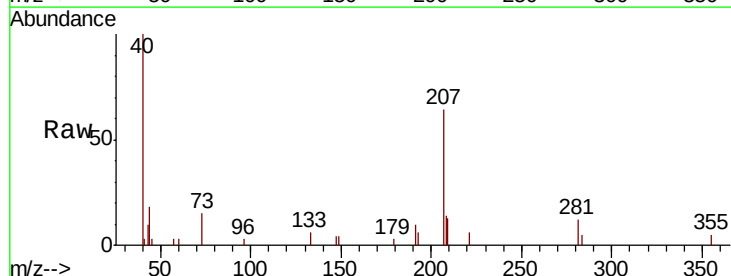


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

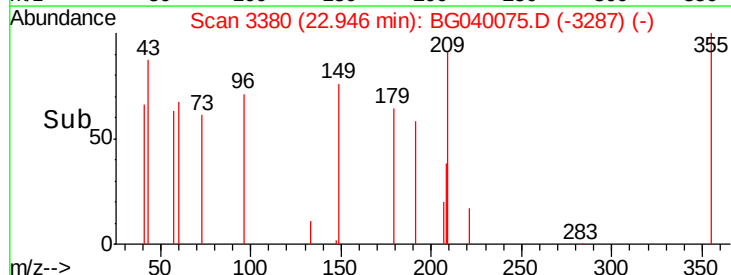
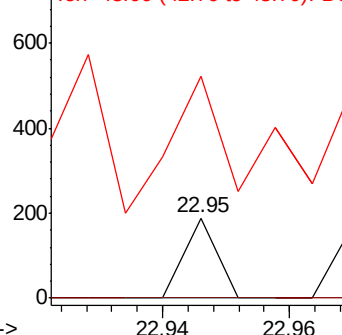


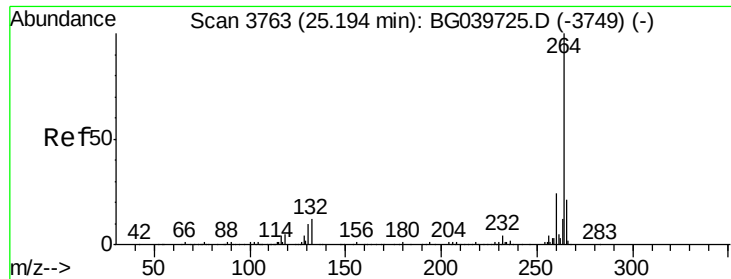
#85
 Di-n-octyl phthalate
 Concen: 0.004 ng
 RT: 22.95 min Scan# 3380
 Delta R.T. 0.02 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Tgt Ion:149 Resp: 67
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 361.2 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



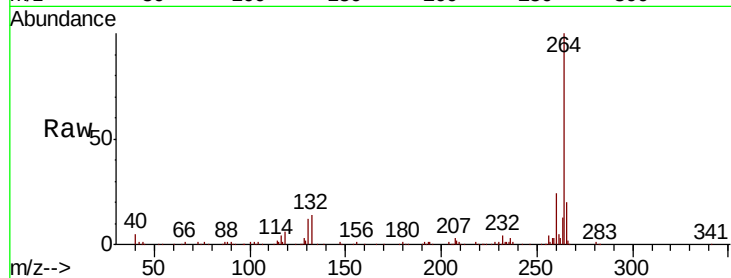


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion: 264 Resp: 282322

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	19.9	18.5	27.7

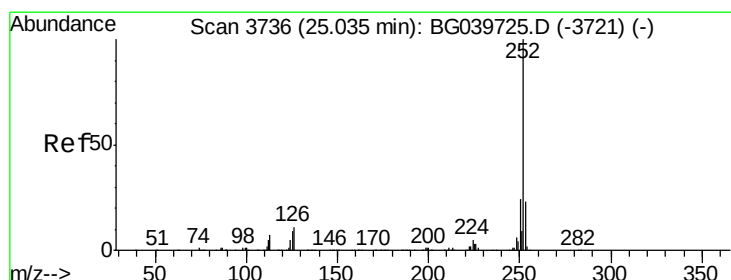
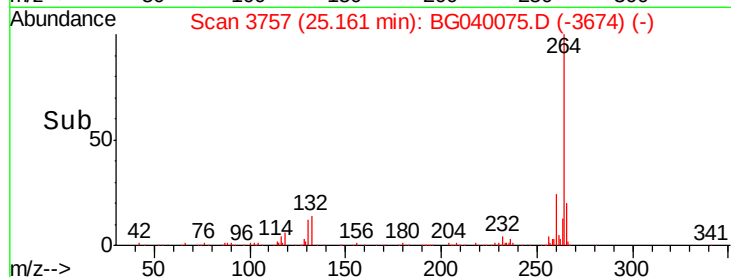
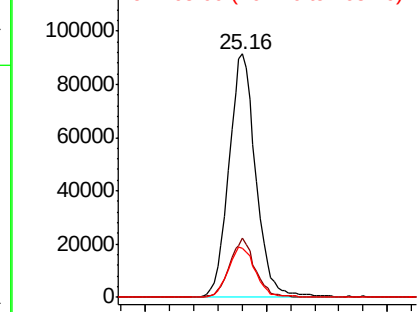


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

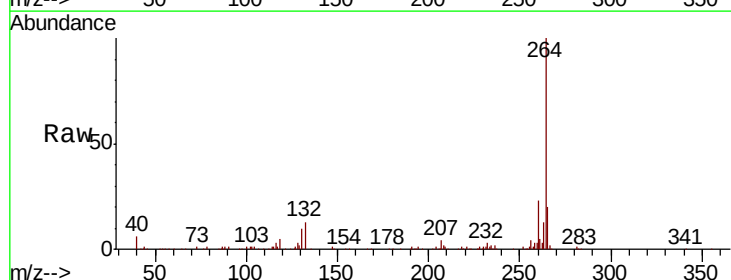
Ion 265.00 (264.70 to 265.70): E



#90
Benzo(a)pyrene
Concen: 0.069 ng
RT: 25.17 min Scan# 3758
Delta R.T. 0.12 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion: 252 Resp: 1075

Ion	Ratio	Lower	Upper
252	100		
253	32.5	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

