

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030519\
 Data File : BG039774.D
 Acq On : 5 Mar 2019 21:24
 Operator : JU/SJ
 Sample : K1727-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Mar 06 00:44:47 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	8.16	152	42722	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	186708	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	135568	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	340149	20.00	ng	0.00
76) Chrysene-d12	21.81	240	345406	20.00	ng	-0.01
87) Perylene-d12	25.19	264	345014	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	131964	52.70	ng	0.00
7) Phenol-d6	7.30	99	119405	31.98	ng	-0.01
23) Nitrobenzene-d5	9.33	82	270797	78.44	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	193308	122.34	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	665840	69.93	ng	-0.01
79) Terphenyl-d14	20.12	244	1196595	76.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	55	0.048	ng	# 10
3) Pyridine	4.19	79	54	0.017	ng	# 1
4) n-Nitrosodimethylamine	3.91	42	304	0.207	ng	# 1
6) Aniline	7.69	93	359	0.073	ng	# 1
8) 2-Chlorophenol	7.73	128	75	0.025	ng	# 29
9) Benzaldehyde	7.30	77	449	0.186	ng	# 44
10) Phenol	7.32	94	3092	0.764	ng	# 86
11) bis(2-Chloroethyl)ether	7.69	93	359	0.114	ng	# 1
15) Benzyl Alcohol	8.48	79	4072	1.375	ng	# 56
19) n-Nitroso-di-n-propylamine	9.33	70	35615	13.252	ng	# 74
22) Acetophenone	8.99	105	4018	0.802	ng	# 88
24) Nitrobenzene	9.32	77	385	0.106	ng	# 41
27) 2,4-Dimethylphenol	9.74	122	53	0.019	ng	# 3
32) Benzoic acid	9.74	122	53	6.623	ng	# 1
36) 4-Chloro-3-methylphenol	12.29	107	54	0.015	ng	# 21
46) 1,1'-Biphenyl	13.61	154	993	0.089	ng	# 60
48) 2-Nitroaniline	14.13	65	55	0.020	ng	# 10
50) Dimethylphthalate	14.22	163	7943	0.701	ng	# 96
51) 2,6-Dinitrotoluene	14.78	165	17250	7.178	ng	# 23
52) Acenaphthene	14.78	154	495	0.060	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	17250	5.108	ng	# 18
58) Fluorene	16.26	166	8629	0.807	ng	# 88
60) Diethylphthalate	15.57	149	1168	0.104	ng	# 84
62) 4-Nitroaniline	16.28	138	55	0.021	ng	# 1
63) Azobenzene	16.12	77	65	0.006	ng	# 47
65) 4,6-Dinitro-2-methylphenol	16.26	198	925	0.460	ng	# 1
66) n-Nitrosodiphenylamine	16.26	169	7996	0.812	ng	# 48
67) 4-Bromophenyl-phenylether	16.27	248	14880	3.908	ng	# 1
71) Phenanthrene	17.57	178	363	0.019	ng	# 59
72) Anthracene	17.57	178	363	0.020	ng	# 60
74) Di-n-butylphthalate	18.45	149	1915	0.099	ng	# 77
77) Benzidine	20.12	184	20949	1.911	ng	# 93
78) Pyrene	20.12	202	4965	0.221	ng	# 58
80) Butylbenzylphthalate	20.80	149	86	0.010	ng	# 22

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QLast Update : Mon Mar 04 14:38:15 2019
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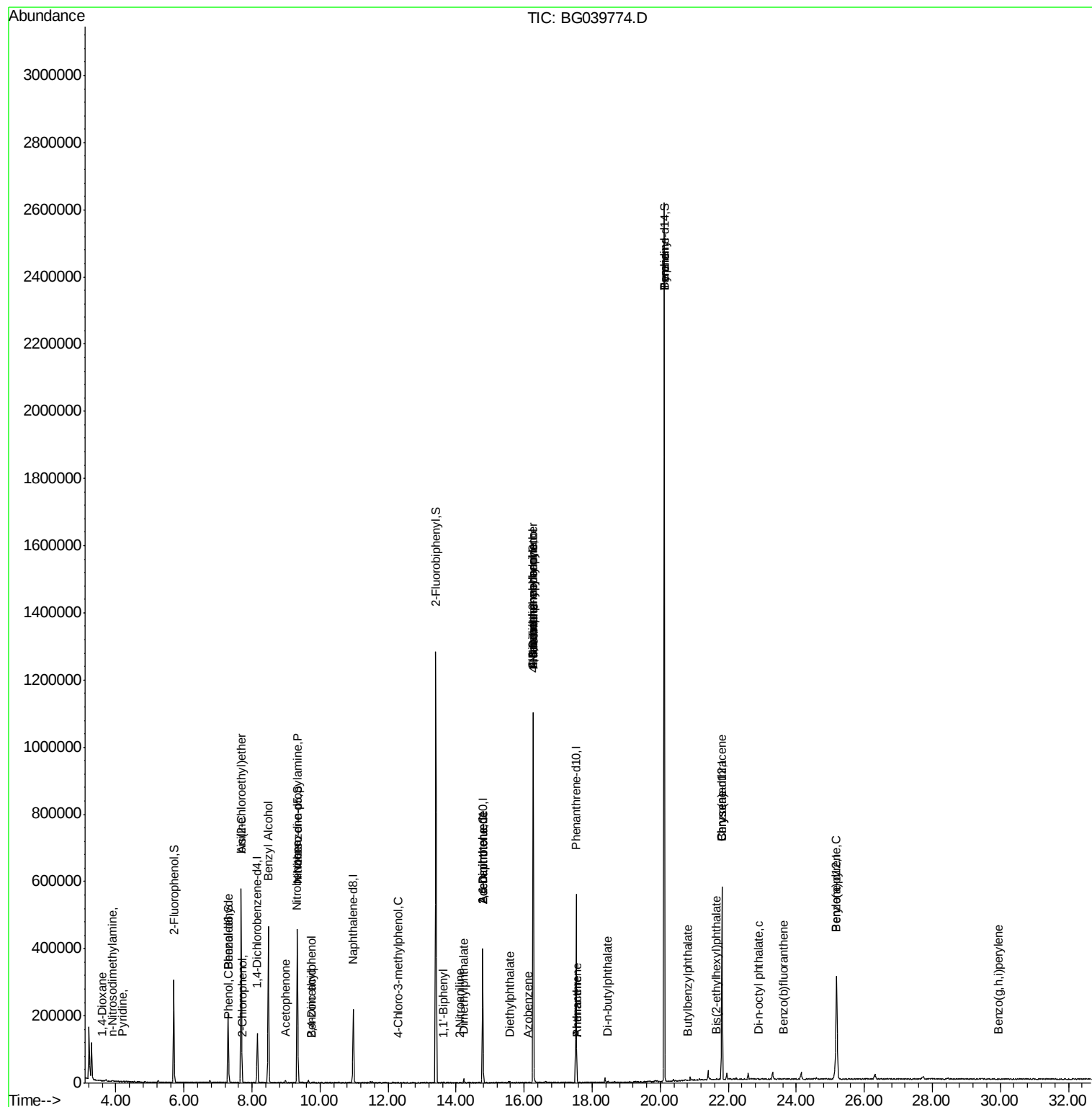
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	21.81	228	910	0.042	ng	# 50
83) Chrysene	21.81	228	910	0.043	ng	# 47
84) Bis(2-ethylhexyl)phthalate	21.66	149	921	0.075	ng	# 95
85) Di-n-octyl phthalate	22.90	149	58	0.003	ng	# 1
88) Benzo(b)fluoranthene	23.62	252	54	0.003	ng	# 1
90) Benzo(a)pyrene	25.19	252	1305	0.069	ng	# 36
92) Benzo(g,h,i)perylene	29.94	276	55	0.003	ng	# 54

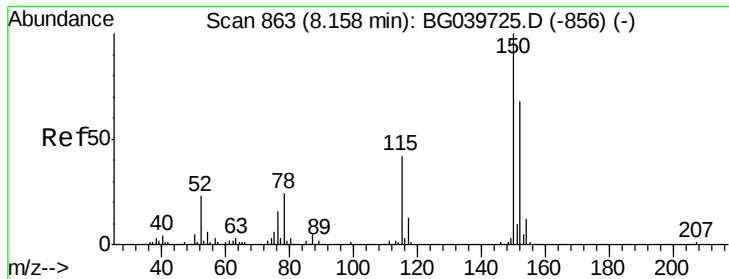
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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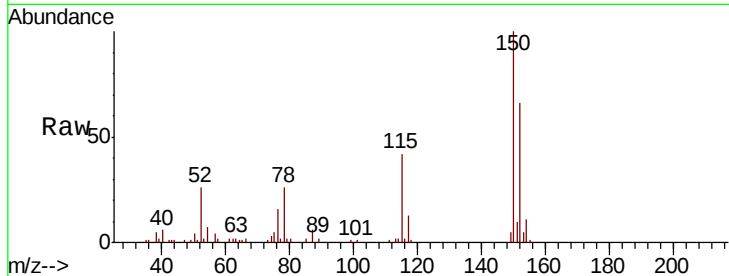


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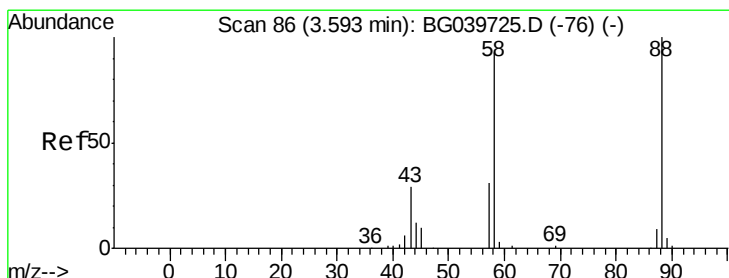
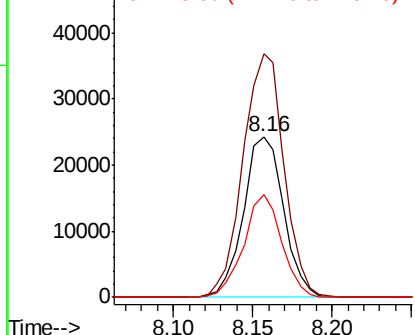
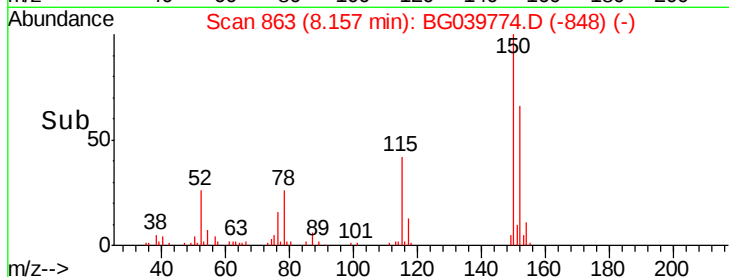
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BG039774.D
 Acq: 5 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:152 Resp: 42722
 Ion Ratio Lower Upper
 152 100
 150 151.3 123.7 185.5
 115 63.7 45.9 68.9



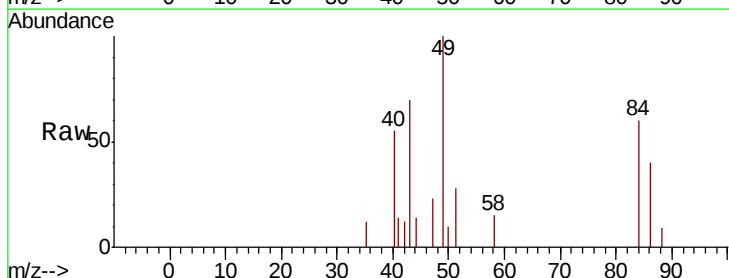
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



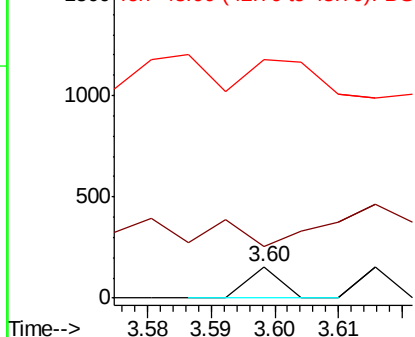
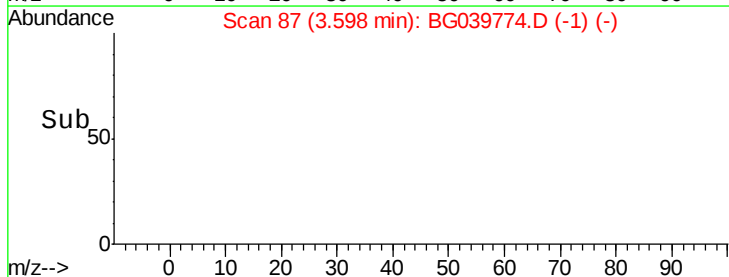
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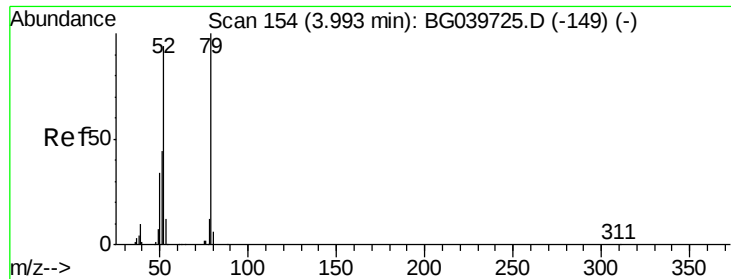
1,4-Dioxane
 Concen: 0.048 ng
 RT: 3.60 min Scan# 87
 Delta R.T. -0.01 min
 Lab File: BG039774.D
 Acq: 5 Mar 2019 21:24

Tgt Ion: 88 Resp: 55
 Ion Ratio Lower Upper
 88 100
 58 0.0 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





#3

Pyridine

Concen: 0.017 ng

RT: 4.19 min Scan# 188

Delta R.T. 0.19 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

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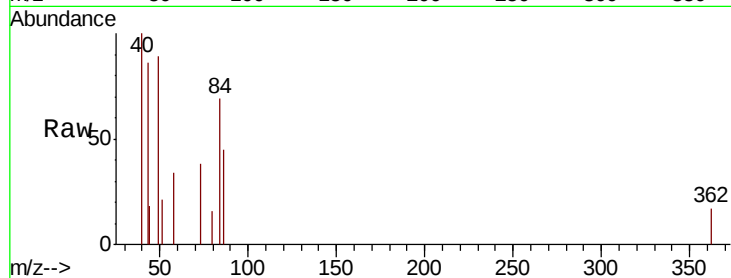
Tgt Ion: 79 Resp: 54

Ion Ratio Lower Upper

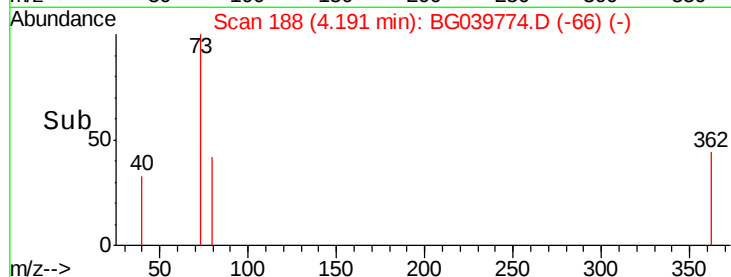
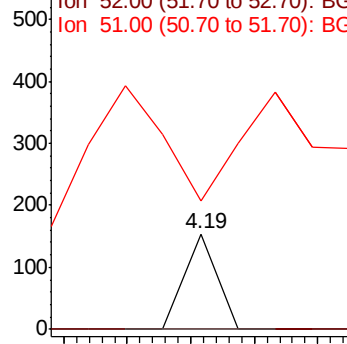
79 100

52 0.0 82.6 124.0#

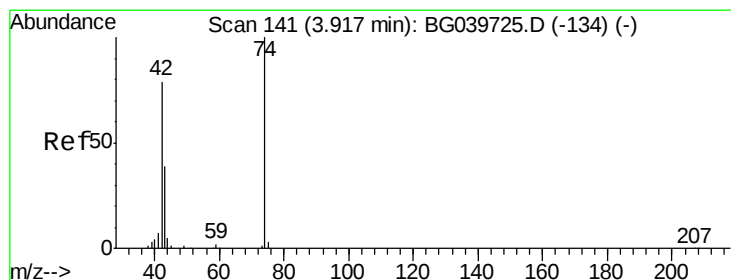
51 134.4 37.5 56.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.207 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

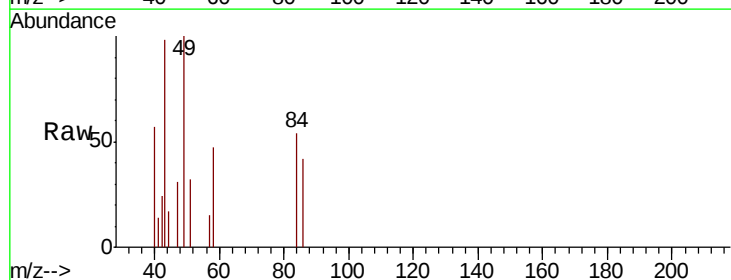
Tgt Ion: 42 Resp: 304

Ion Ratio Lower Upper

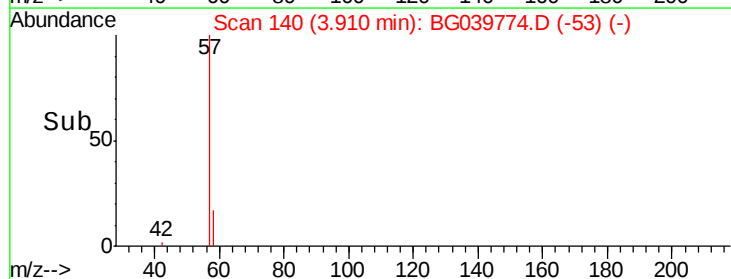
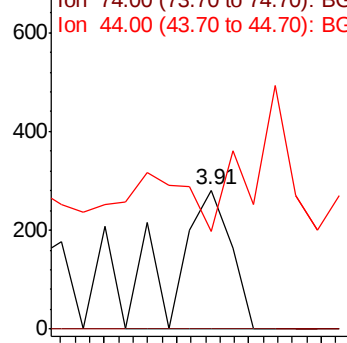
42 100

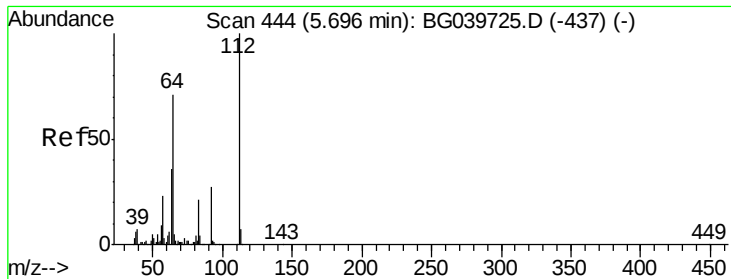
74 0.0 83.6 125.4#

44 70.5 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 52.697 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

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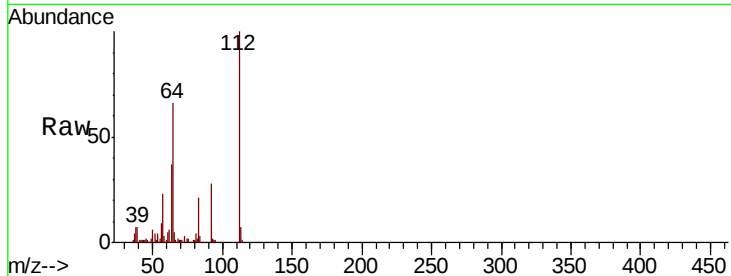
Tgt Ion:112 Resp: 131964

Ion Ratio Lower Upper

112 100

64 66.2 57.8 86.8

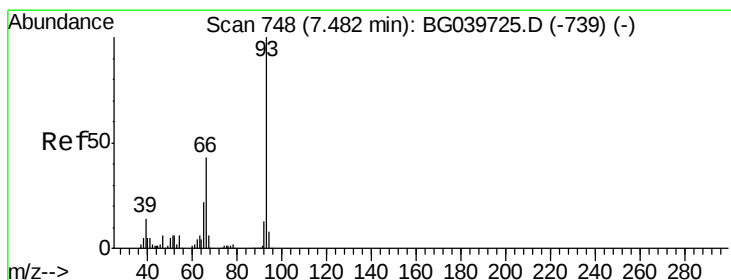
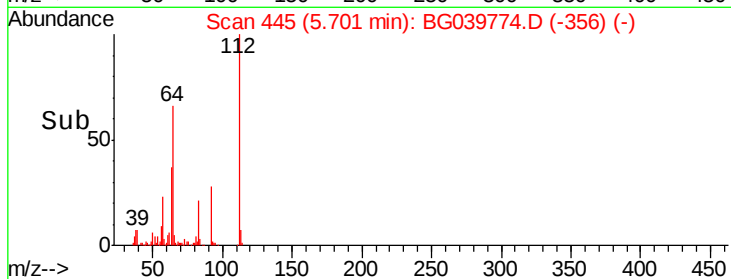
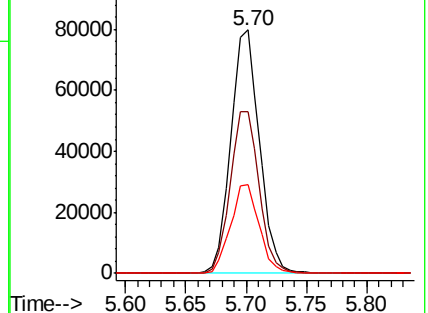
63 36.6 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.073 ng

RT: 7.69 min Scan# 784

Delta R.T. 0.20 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

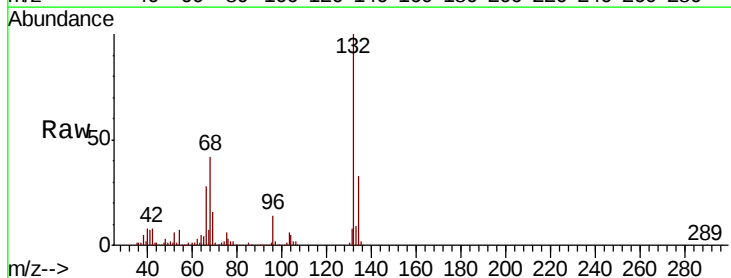
Tgt Ion: 93 Resp: 359

Ion Ratio Lower Upper

93 100

66 10775.5 34.2 51.4#

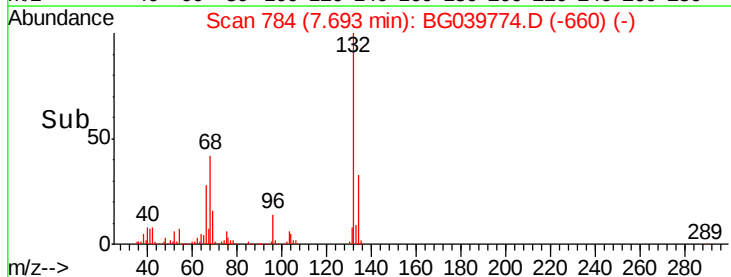
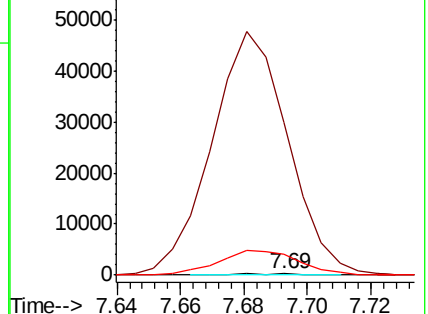
65 1456.0 17.7 26.5#



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: 31.978 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Instrument :

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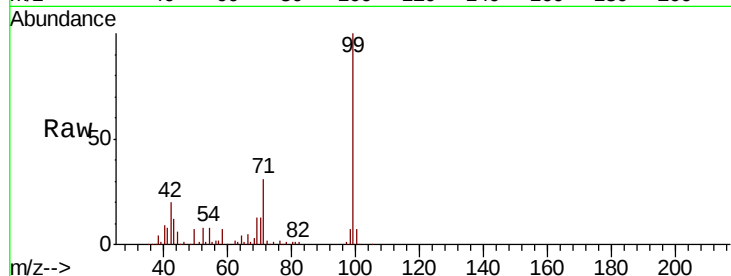
Tgt Ion: 99 Resp: 119405

Ion Ratio Lower Upper

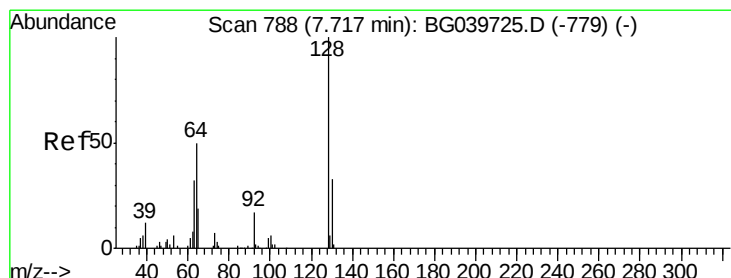
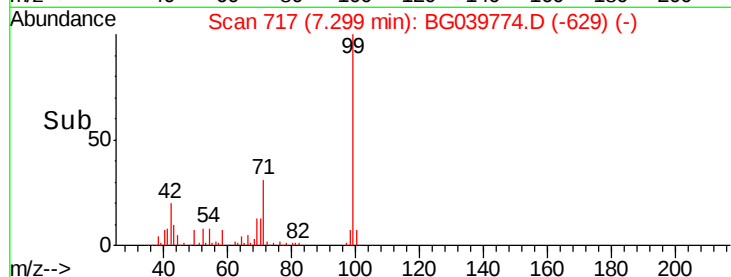
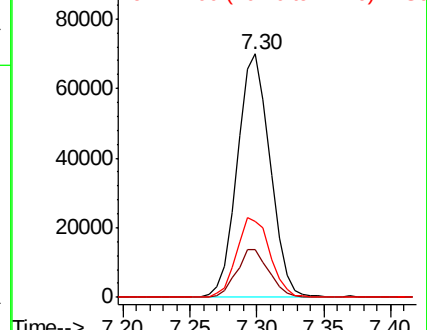
99 100

42 19.9 18.2 27.2

71 31.2 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: 0.025 ng

RT: 7.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

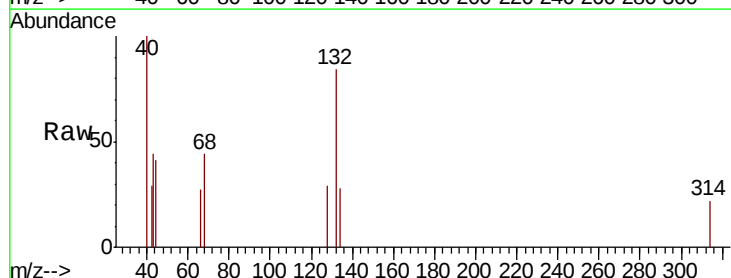
Tgt Ion: 128 Resp: 75

Ion Ratio Lower Upper

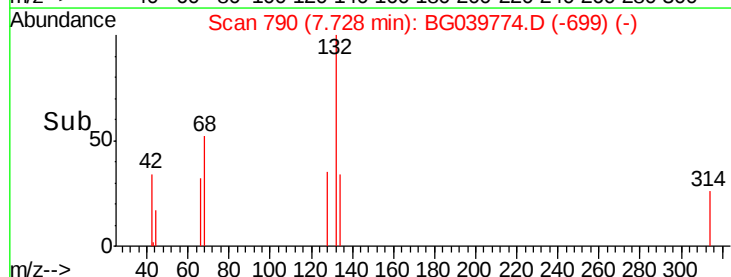
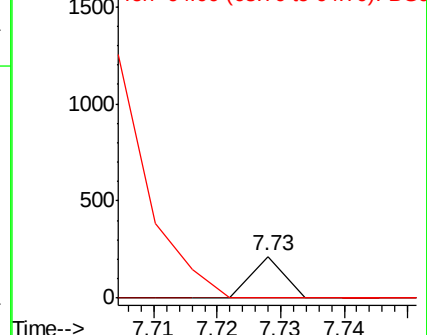
128 100

130 0.0 12.9 52.9#

64 0.0 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: 0.186 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

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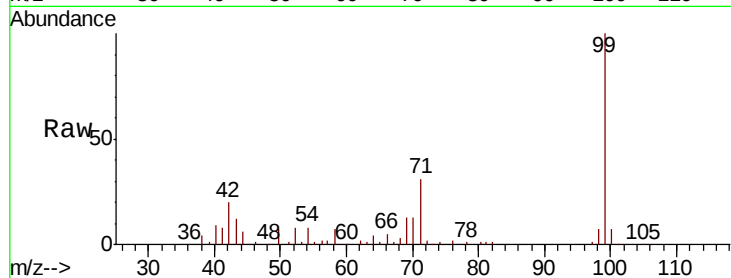
Tgt Ion: 77 Resp: 449

Ion Ratio Lower Upper

77 100

105 76.0 74.5 114.5

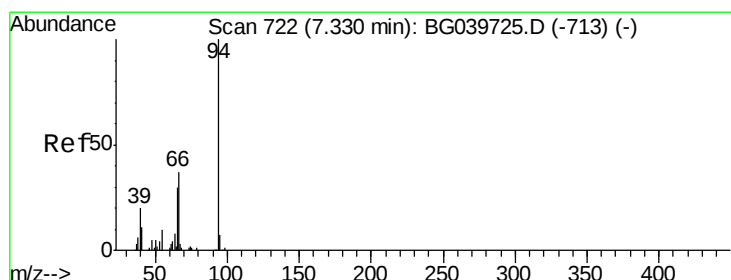
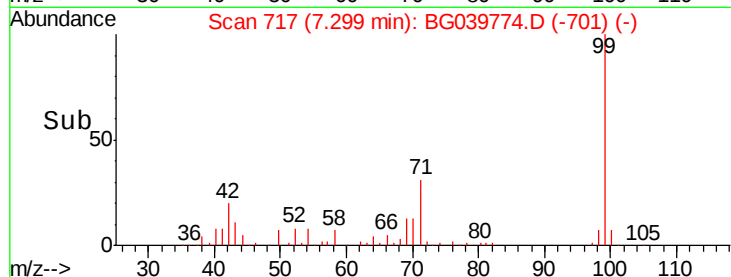
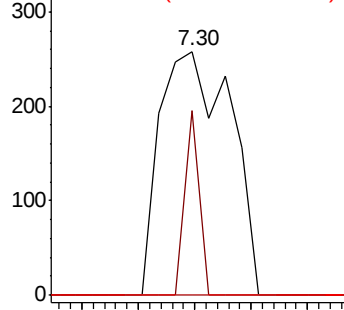
106 0.0 68.0 108.0#



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: 0.764 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

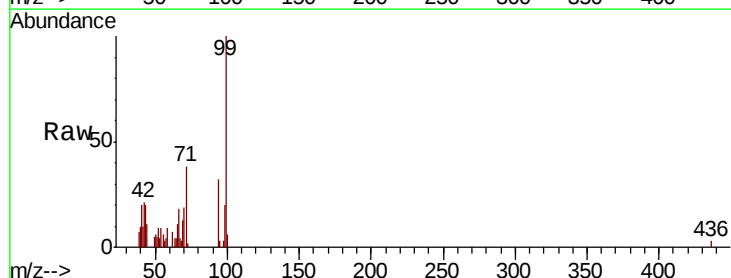
Tgt Ion: 94 Resp: 3092

Ion Ratio Lower Upper

94 100

65 33.5 11.7 51.7

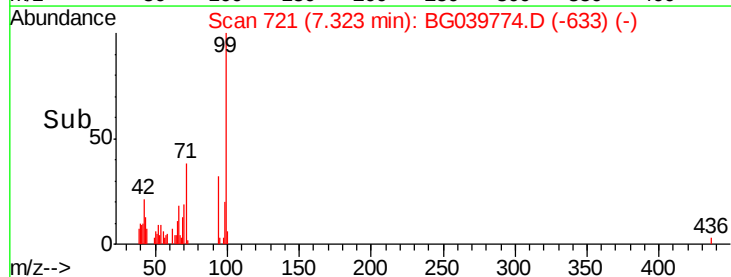
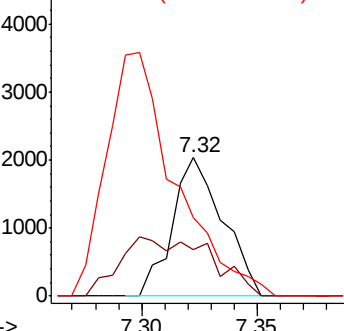
66 57.3 23.7 63.7

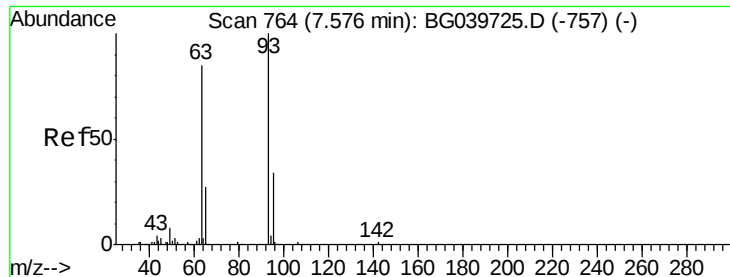


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

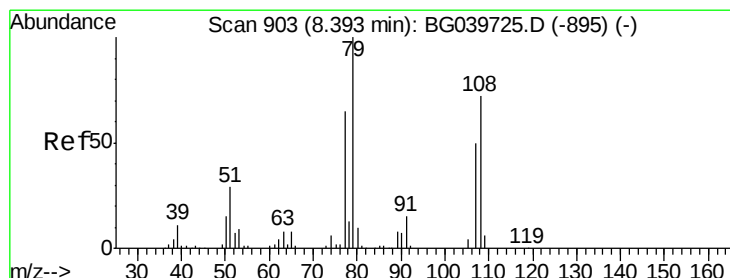
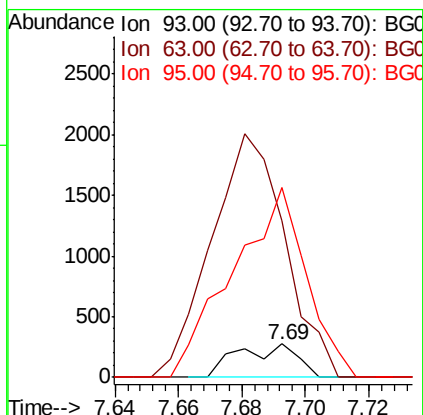
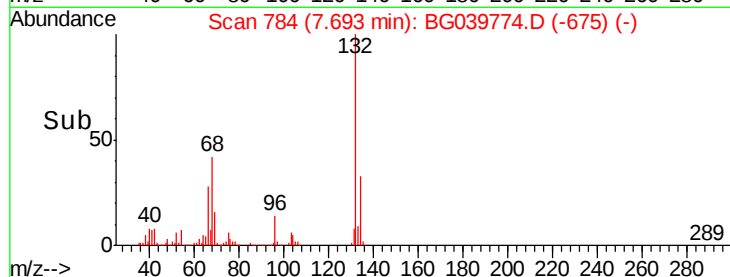
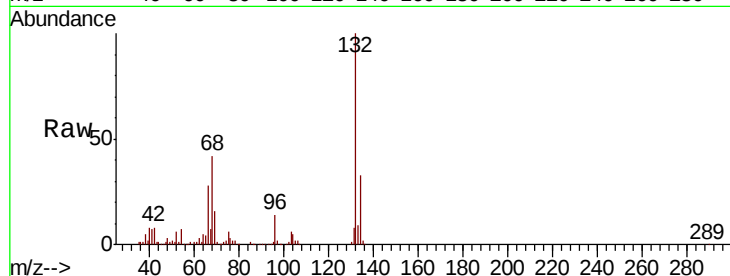




#11
bis(2-Chloroethyl)ether
Concen: 0.114 ng
RT: 7.69 min Scan# 784
Delta R.T. 0.11 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

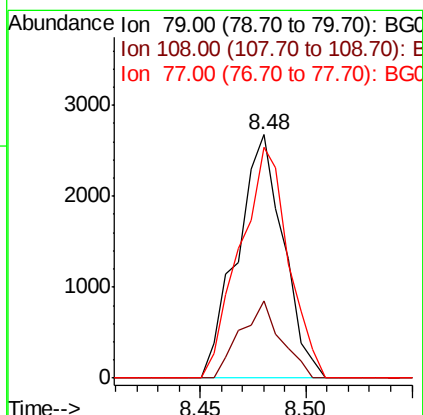
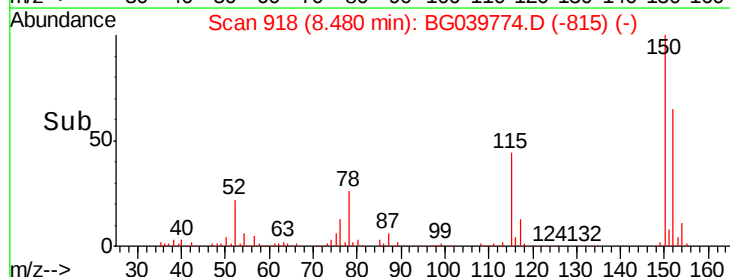
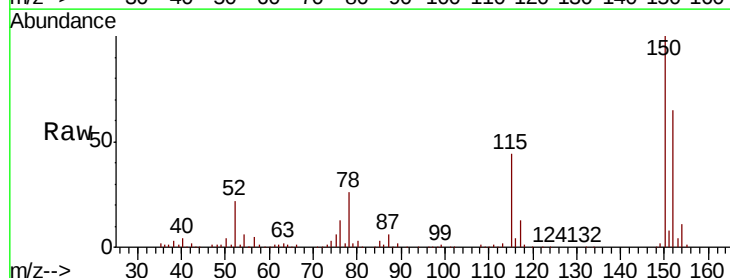
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BNA_G
ClientSampleId :
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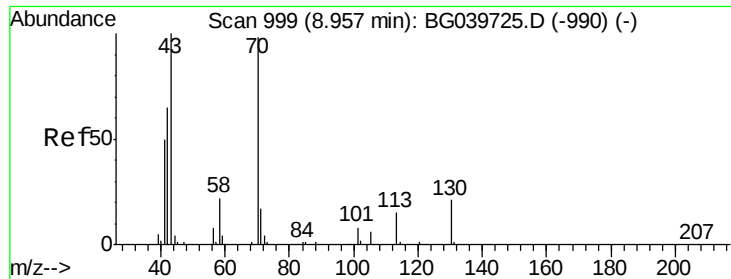
Tgt Ion: 93 Resp: 359
Ion Ratio Lower Upper
93 100
63 465.7 69.5 109.5#
95 566.8 12.7 52.7#



#15
Benzyl Alcohol
Concen: 1.375 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.07 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

Tgt Ion: 79 Resp: 4072
Ion Ratio Lower Upper
79 100
108 31.8 57.8 86.6#
77 94.8 51.1 76.7#

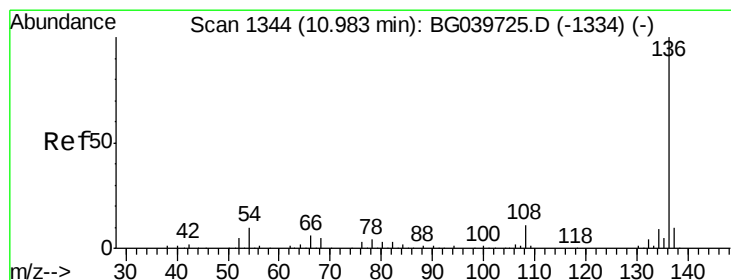
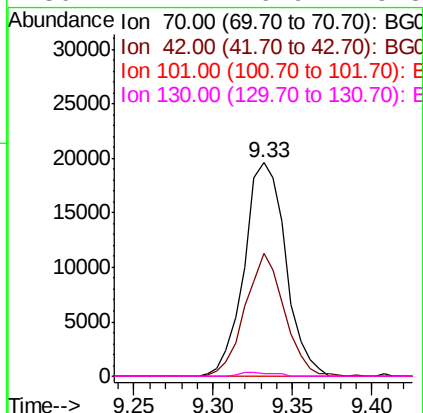
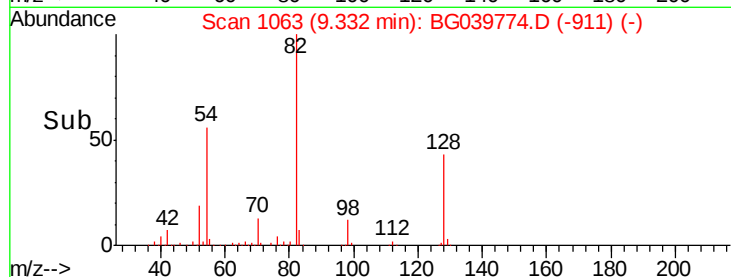
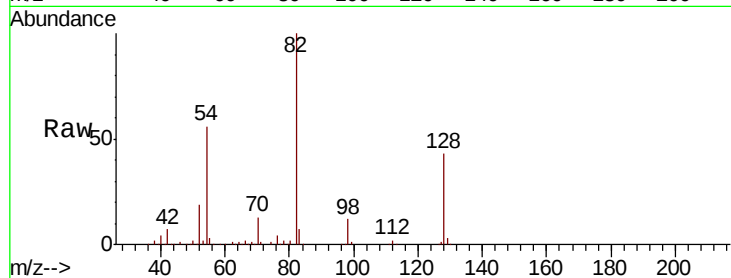




#19
n-Nitroso-di-n-propylamine
Concen: 13.252 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

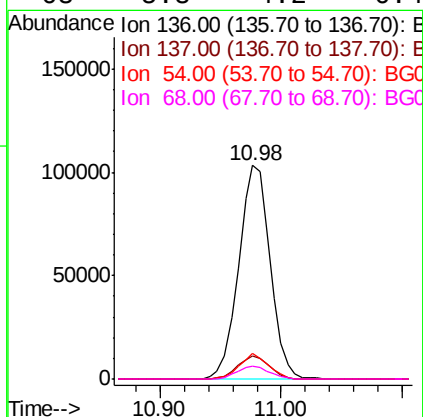
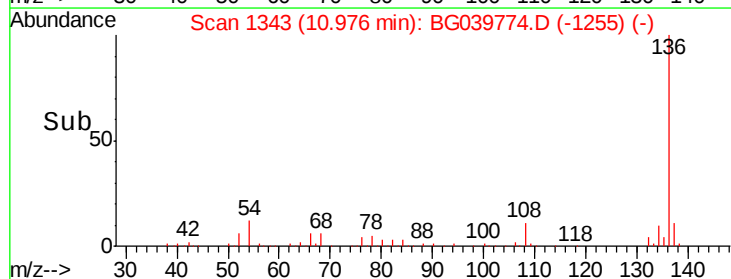
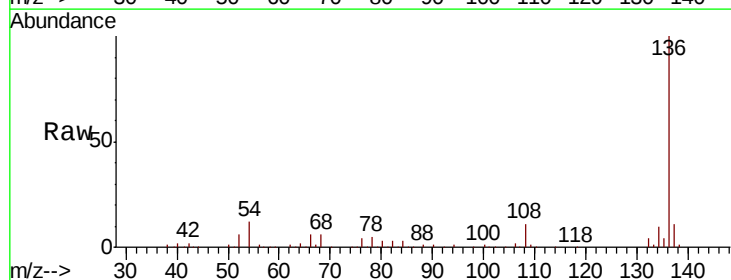
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

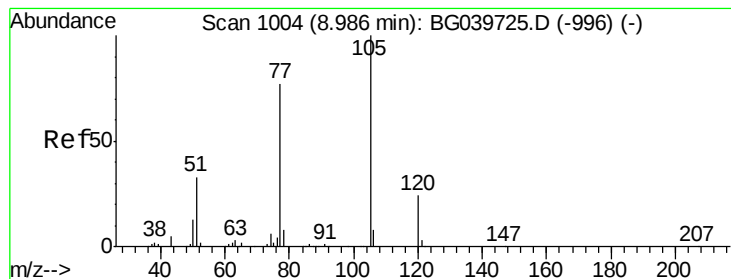
Tgt Ion: 70 Resp: 35615
Ion Ratio Lower Upper
70 100
42 57.6 60.4 90.6#
101 0.0 7.5 11.3#
130 1.4 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

Tgt Ion: 136 Resp: 186708
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 11.9 9.4 14.2
68 5.8 4.2 6.4





#22

Acetophenone

Concen: 0.802 ng

RT: 8.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG039774.D

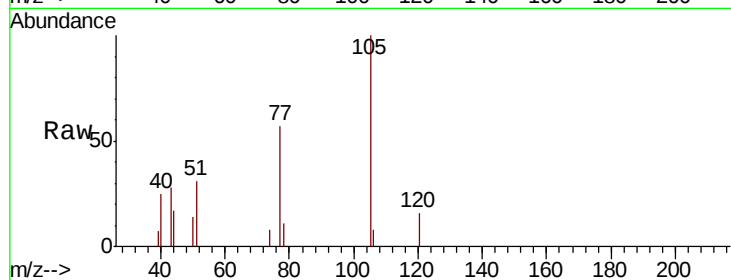
Acq: 5 Mar 2019 21:24

Instrument :

BNA_G

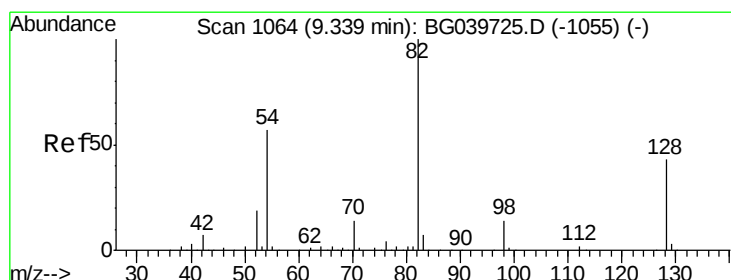
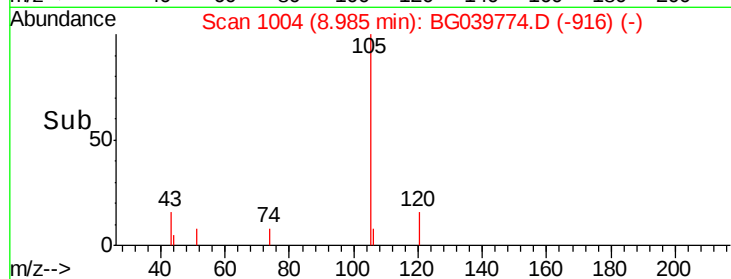
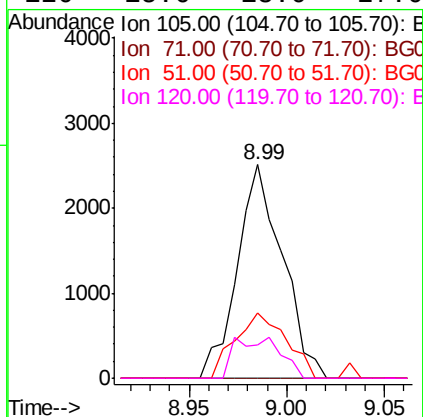
ClientSampleId :

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Tgt Ion: 105 Resp: 4018

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	30.9	30.2	45.2
120	15.6	18.0	27.0#



#23

Nitrobenzene-d5

Concen: 78.442 ng

RT: 9.33 min Scan# 1063

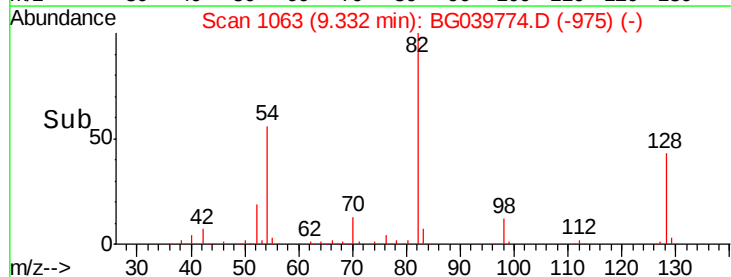
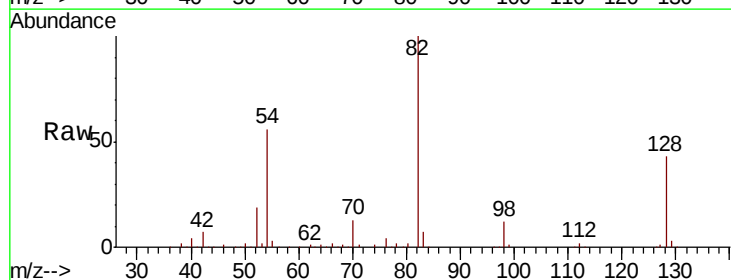
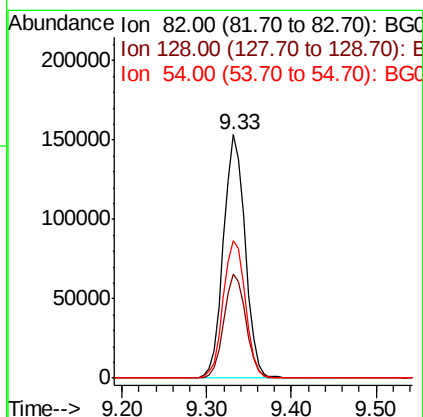
Delta R.T. -0.01 min

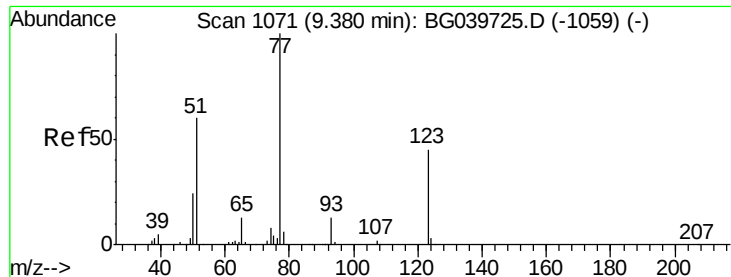
Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Tgt Ion: 82 Resp: 270797

Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.3	46.9
54	56.5	50.9	76.3





#24

Nitrobenzene

Concen: 0.106 ng

RT: 9.32 min Scan# 1061

Delta R.T. -0.07 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

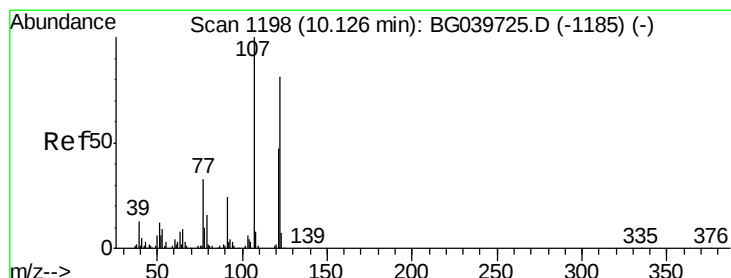
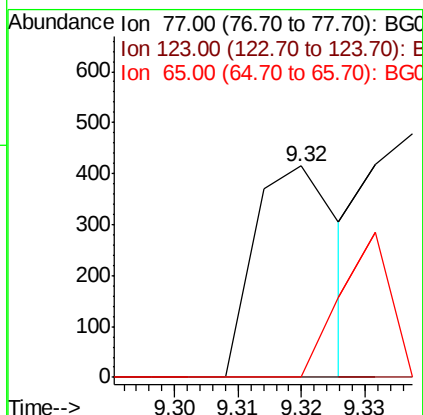
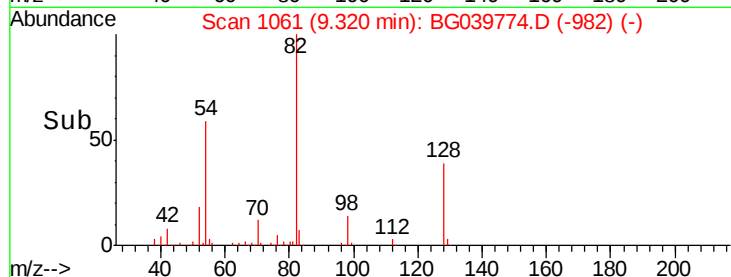
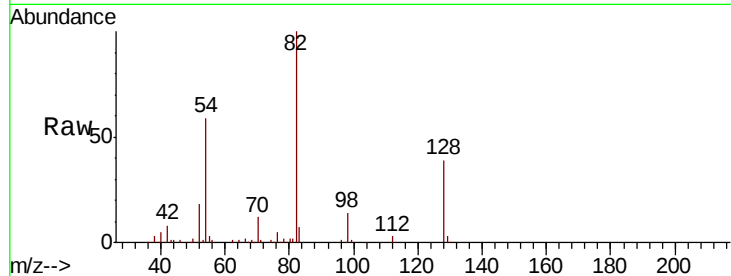
Tgt Ion: 77 Resp: 385

Ion Ratio Lower Upper

77 100

123 0.0 34.1 51.1#

65 0.0 12.3 18.5#



#27

2,4-Dimethylphenol

Concen: 0.019 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.40 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

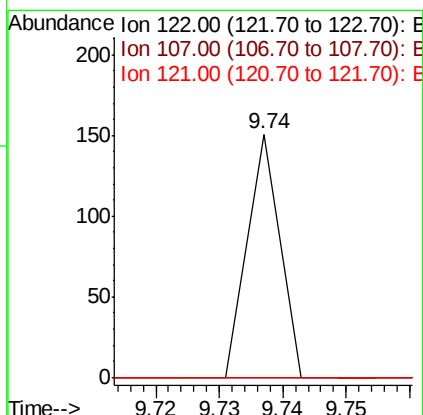
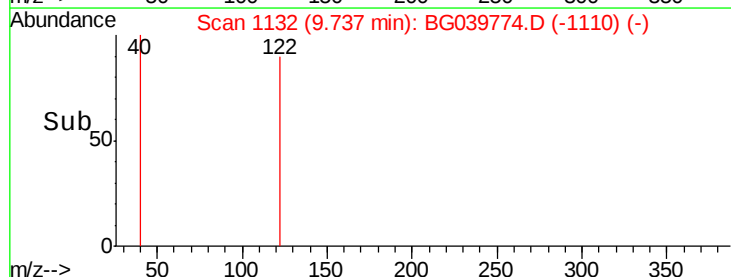
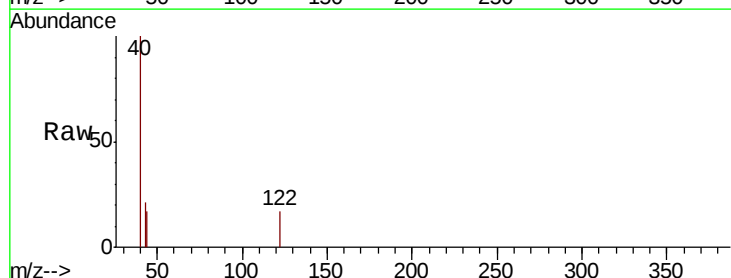
Tgt Ion: 122 Resp: 53

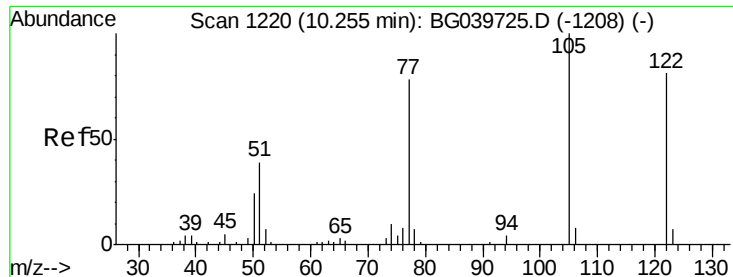
Ion Ratio Lower Upper

122 100

107 0.0 91.7 137.5#

121 0.0 46.4 69.6#

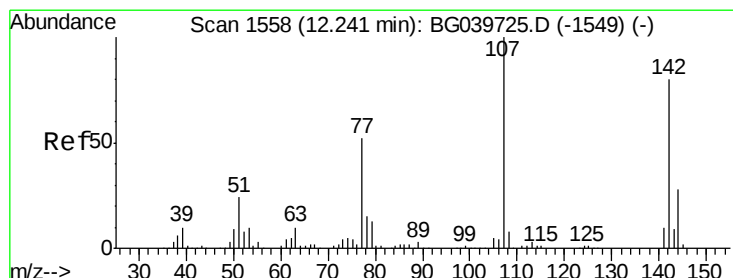
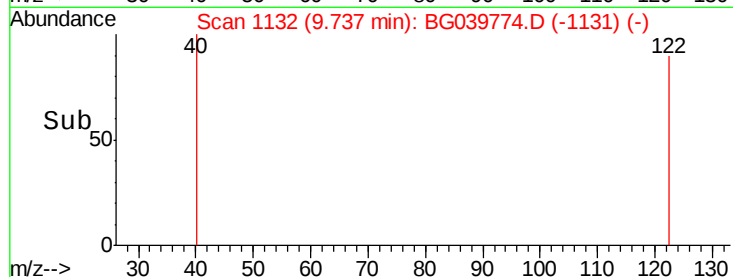
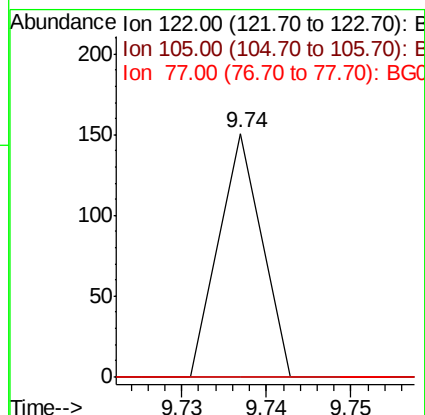
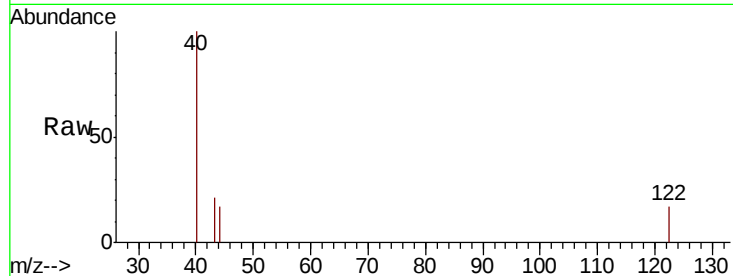




#32
Benzoic acid
Concen: 6.623 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.52 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

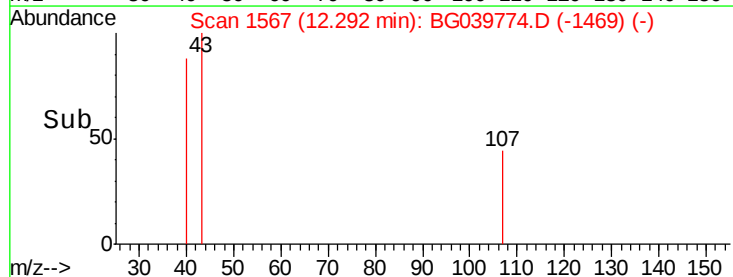
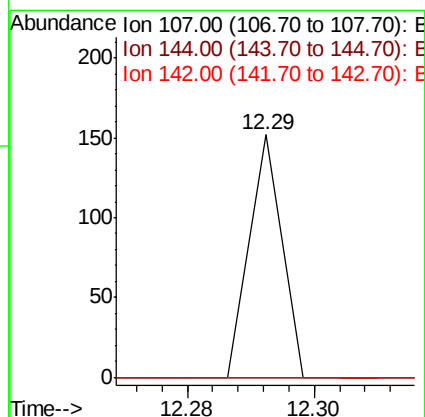
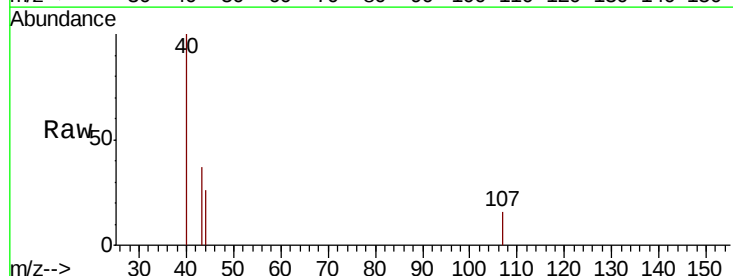
Instrument :
BNA_G
ClientSampleId :
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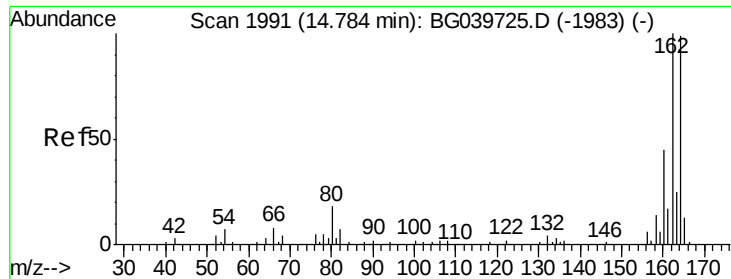
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#



#36
4-Chloro-3-methylphenol
Concen: 0.015 ng
RT: 12.29 min Scan# 1567
Delta R.T. 0.05 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.2	30.2#
142	0.0	61.4	92.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

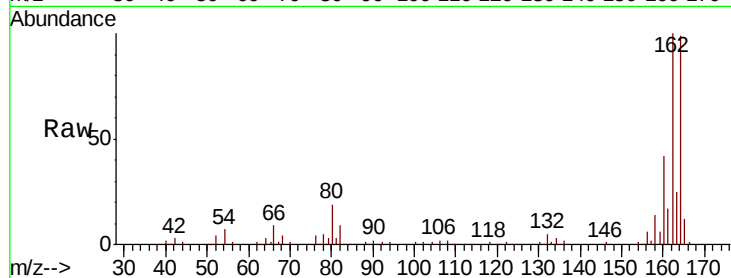
Tgt Ion:164 Resp: 135568

Ion Ratio Lower Upper

164 100

162 100.9 81.6 122.4

160 42.9 34.2 51.2

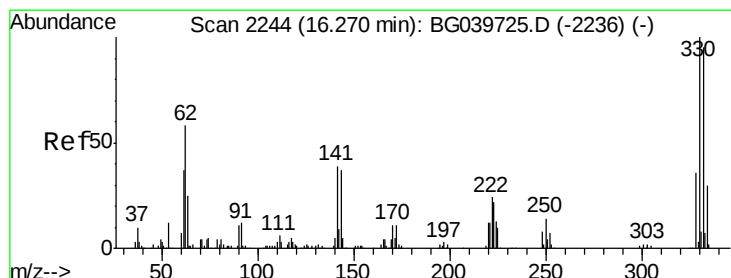
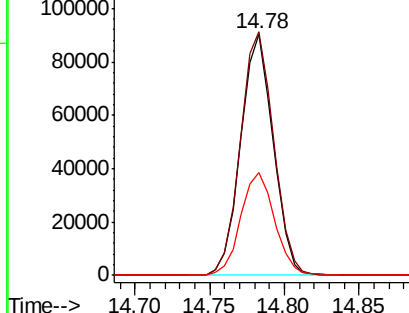
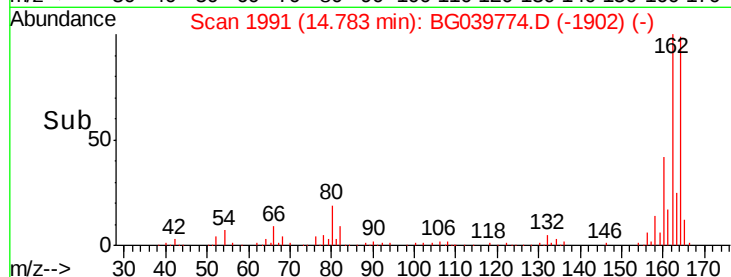


Abundance

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: 122.336 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

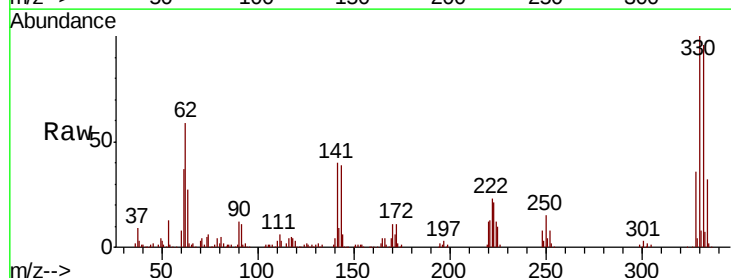
Tgt Ion:330 Resp: 193308

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

141 42.0 35.6 53.4

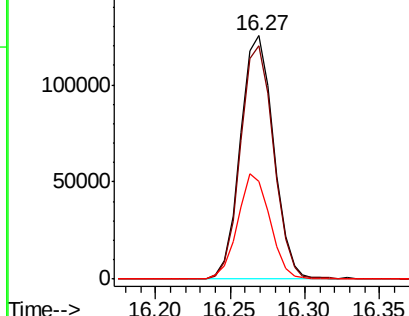
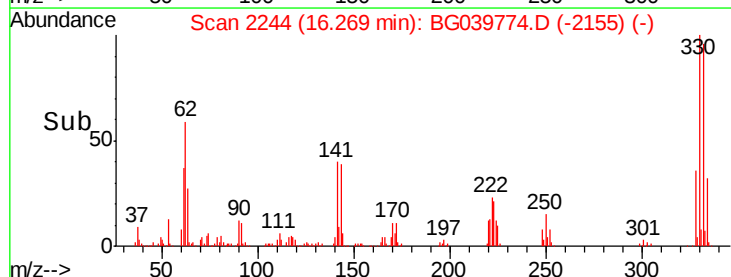


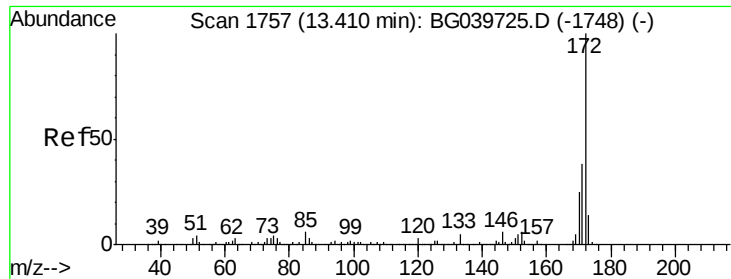
Abundance

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

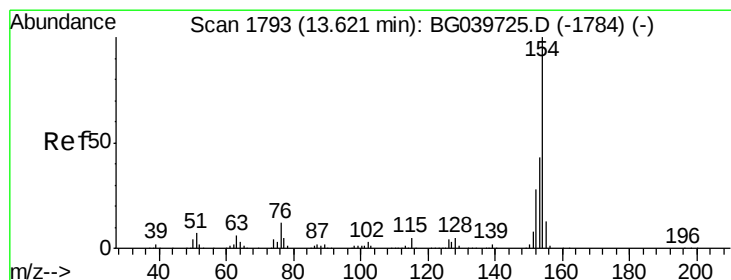
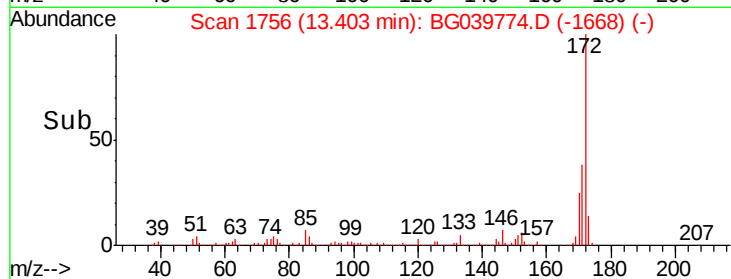
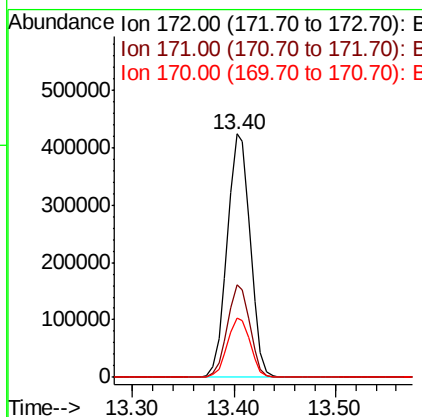
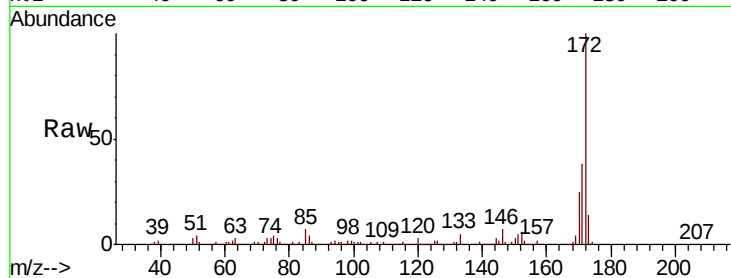




#45
 2-Fluorobiphenyl
 Concen: 69.931 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039774.D
 Acq: 5 Mar 2019 21:24

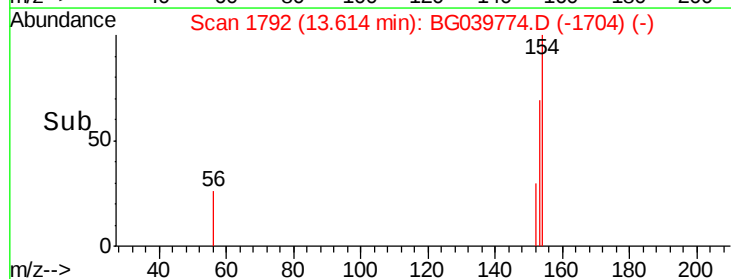
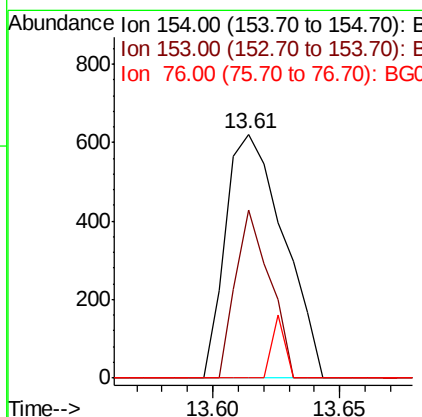
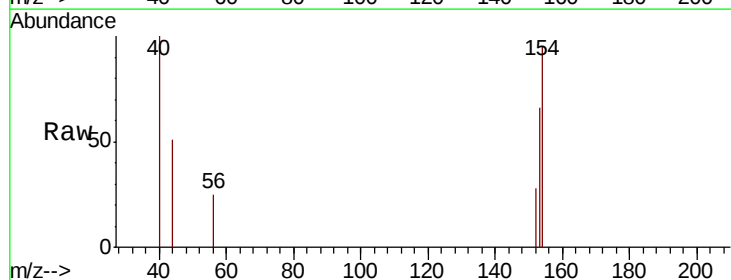
Instrument :
 BNA_G
 ClientSampleId :
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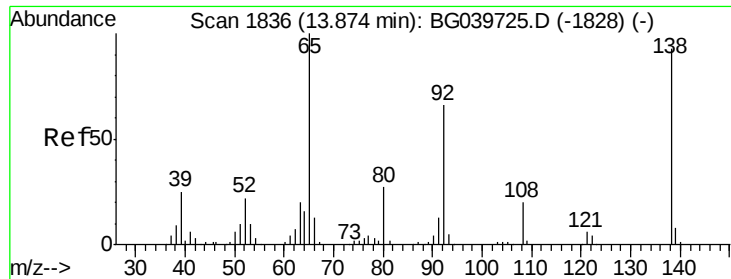
Tgt Ion:172 Resp: 665840
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 24.5 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 0.089 ng
 RT: 13.61 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG039774.D
 Acq: 5 Mar 2019 21:24

Tgt Ion:154 Resp: 993
 Ion Ratio Lower Upper
 154 100
 153 68.9 22.1 62.1#
 76 0.0 0.0 32.4

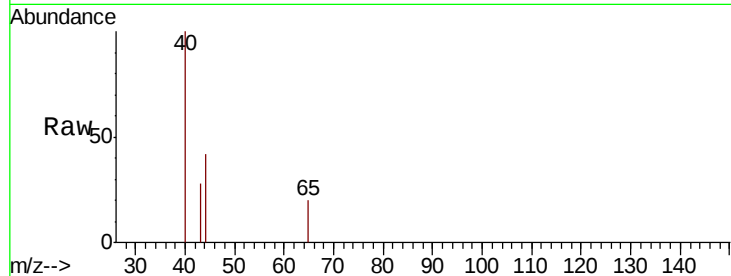




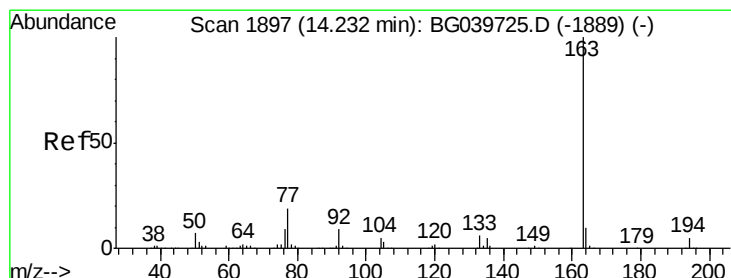
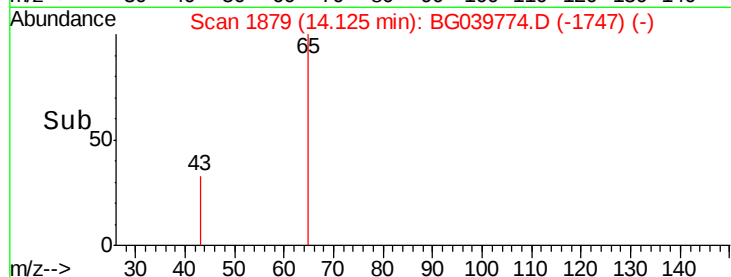
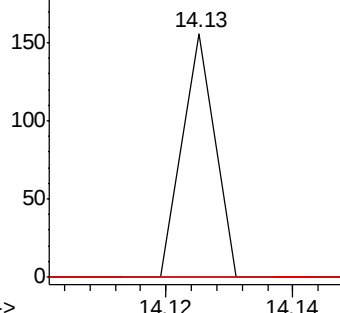
#48
2-Nitroaniline
Concen: 0.020 ng
RT: 14.13 min Scan# 1879
Delta R.T. 0.24 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 51.4 77.2#
138 0.0 71.4 107.2#

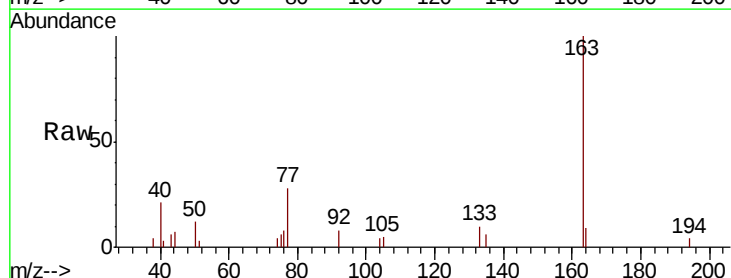


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

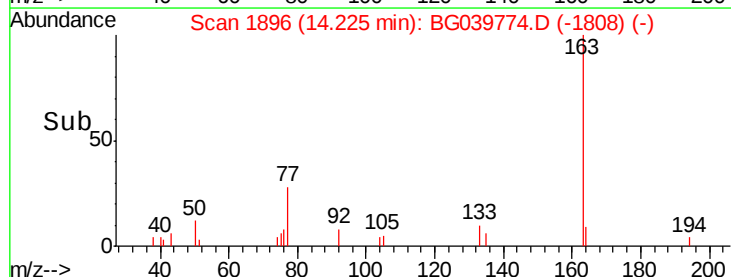
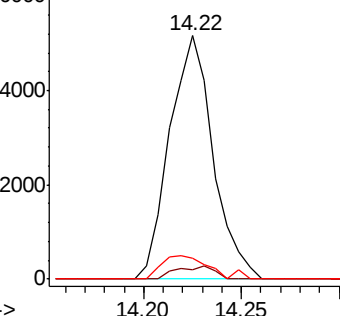


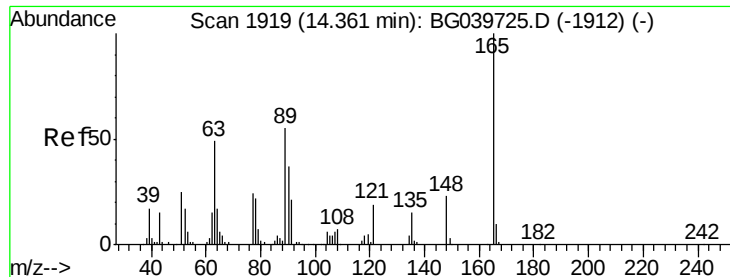
#50
Dimethylphthalate
Concen: 0.701 ng
RT: 14.22 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

Tgt Ion: 163 Resp: 7943
Ion Ratio Lower Upper
163 100
194 3.8 3.6 5.4
164 8.5 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

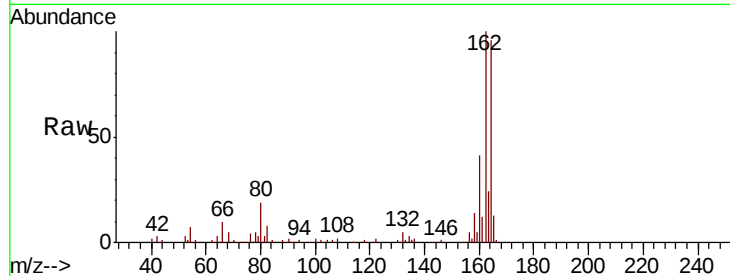




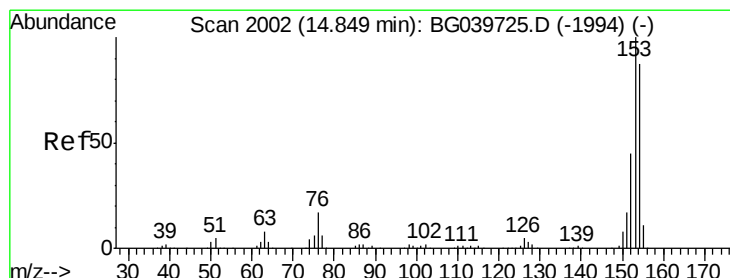
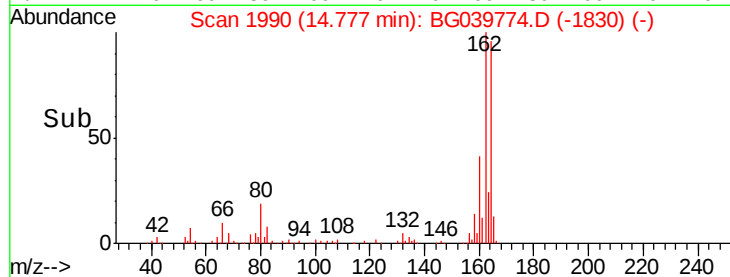
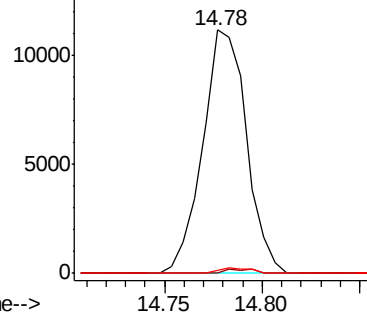
#51
 2,6-Dinitrotoluene
 Concen: 7.178 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.41 min
 Lab File: BG039774.D
 Acq: 5 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:165 Resp: 17250
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 1.4 45.8 68.8#

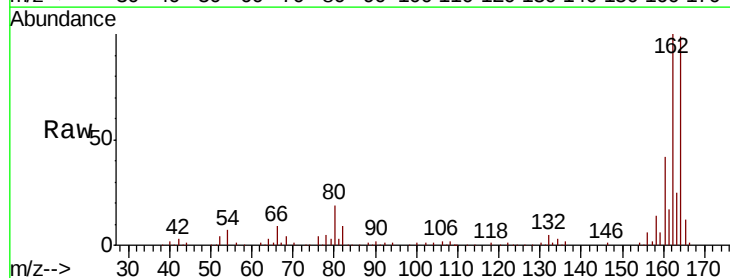


Abundance Ion 165.00 (164.70 to 165.70): E
 15000 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

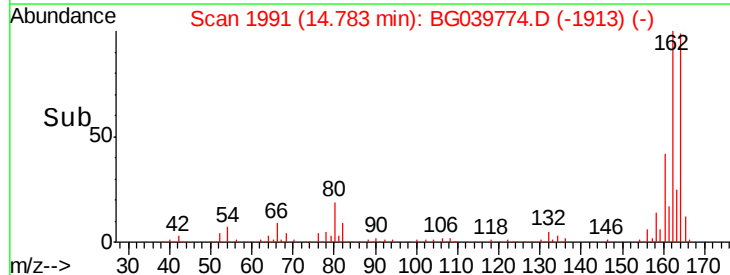
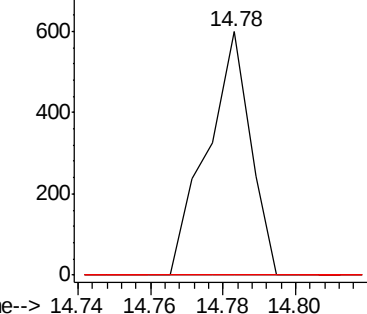


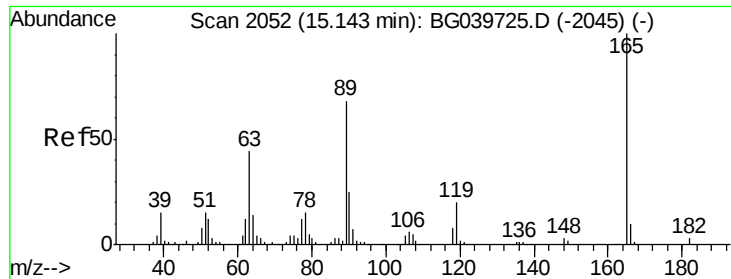
#52
 Acenaphthene
 Concen: 0.060 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. -0.07 min
 Lab File: BG039774.D
 Acq: 5 Mar 2019 21:24

Tgt Ion:154 Resp: 495
 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
 800 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

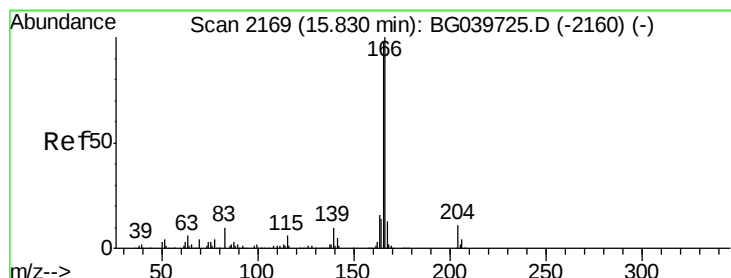
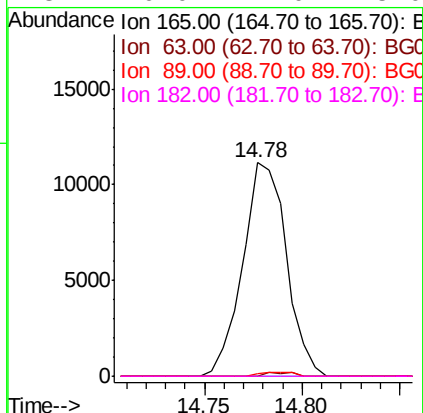
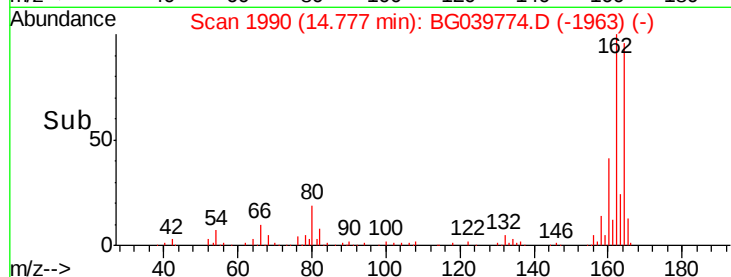
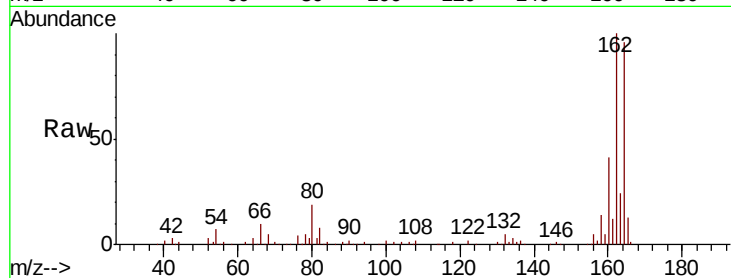




#57
 2,4-Dinitrotoluene
 Concen: 5.108 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039774.D
 Acq: 5 Mar 2019 21:24

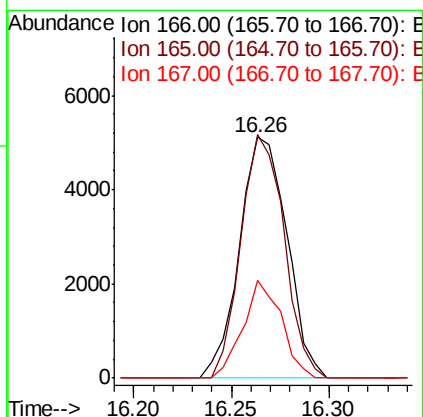
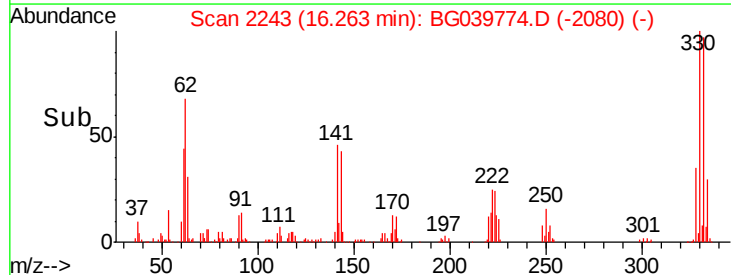
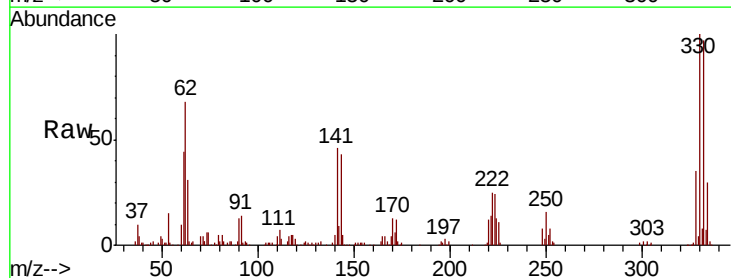
Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

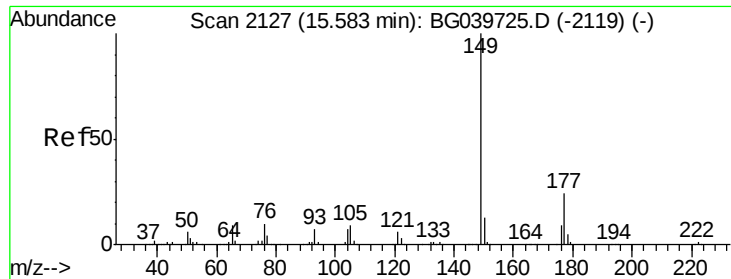
Tgt Ion:	165	Resp:	17250
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	1.4	64.6	96.8#
182	0.0	2.0	3.0#



#58
 Fluorene
 Concen: 0.807 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.43 min
 Lab File: BG039774.D
 Acq: 5 Mar 2019 21:24

Tgt Ion:	166	Resp:	8629
Ion	Ratio	Lower	Upper
166	100		
165	101.2	77.9	116.9
167	40.6	10.8	16.2#

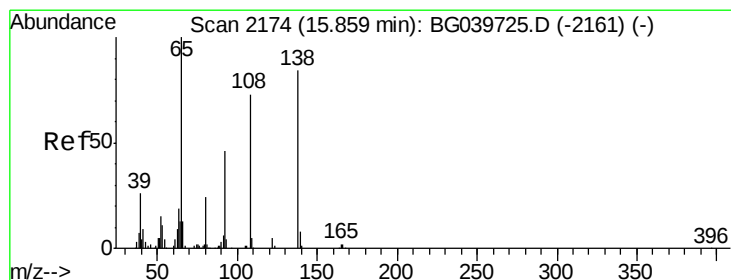
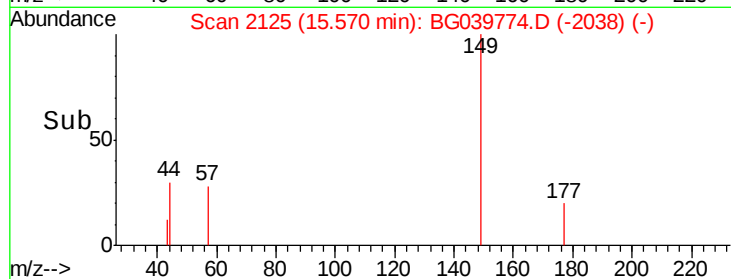
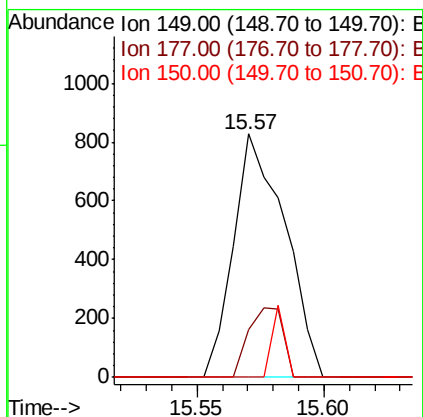
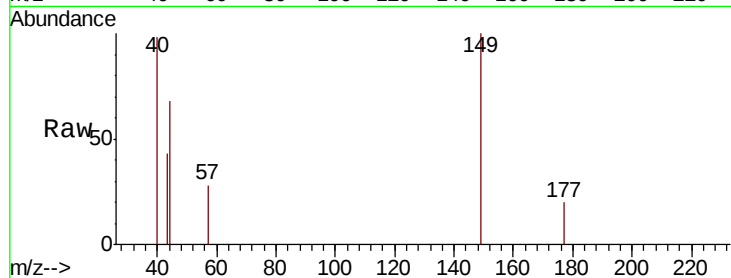




#60
Diethylphthalate
Concen: 0.104 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

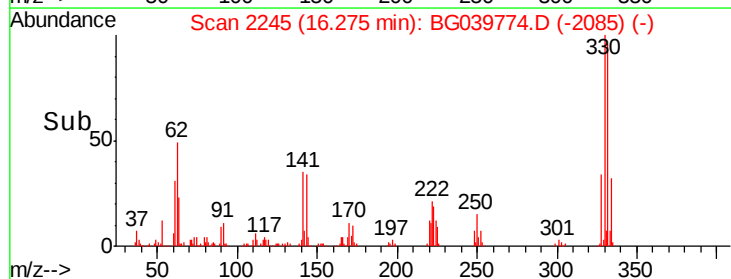
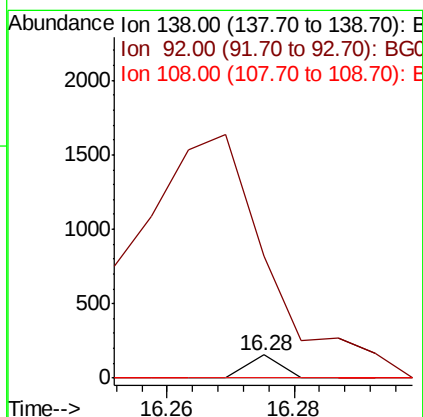
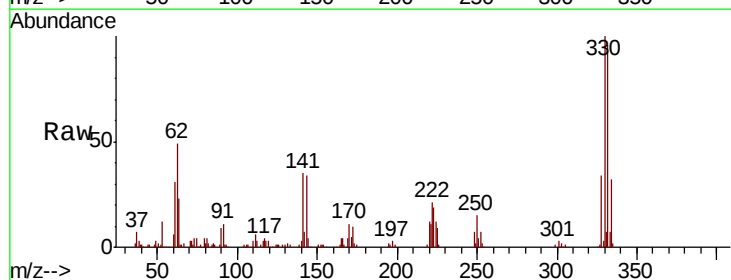
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

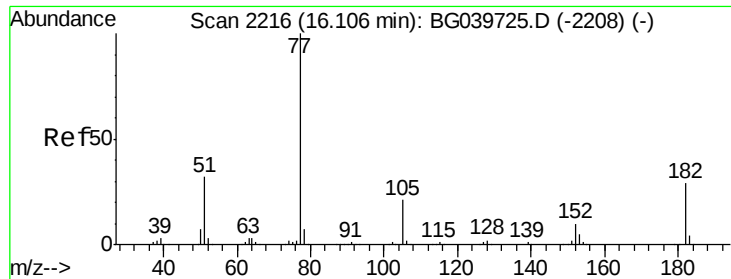
Tgt Ion:149 Resp: 1168
Ion Ratio Lower Upper
149 100
177 19.6 18.3 27.5
150 0.0 10.2 15.2#



#62
4-Nitroaniline
Concen: 0.021 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.41 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
92 519.7 38.7 78.7#
108 0.0 74.6 114.6#





#63

Azobenzene

Concen: 0.006 ng

RT: 16.12 min Scan# 2219

Delta R.T. 0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Instrument :

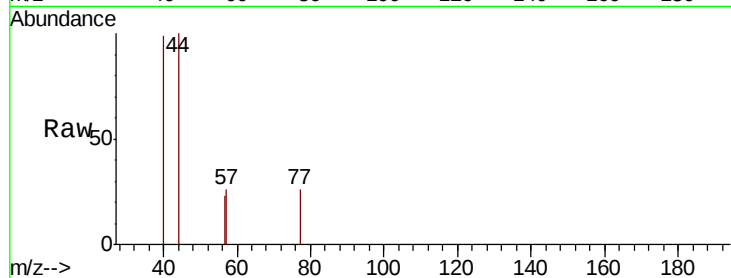
BNA_G

ClientSampleId :

FIELD-BLANK

Tgt Ion: 77 Resp: 65

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

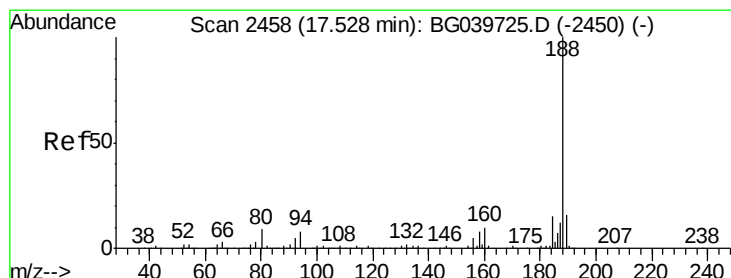
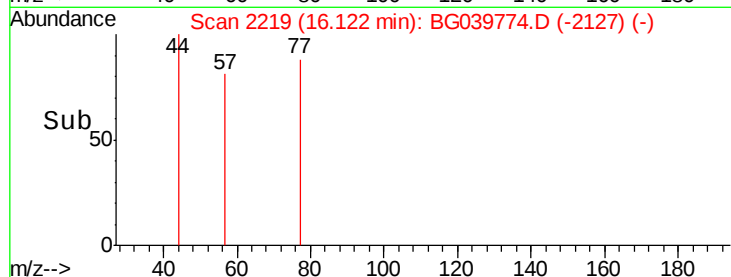
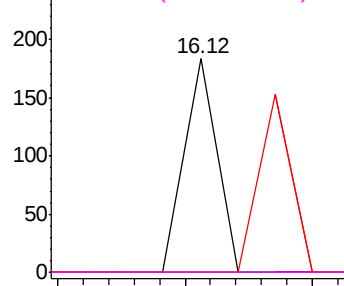


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

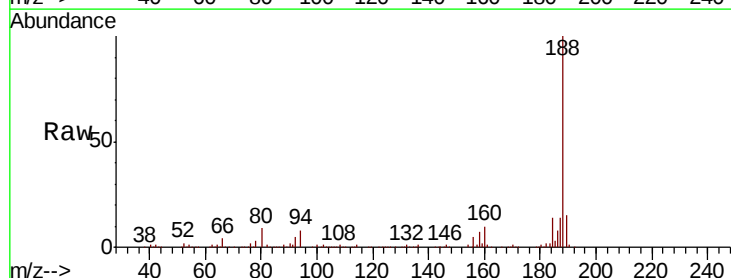
Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Tgt Ion: 188 Resp: 340149

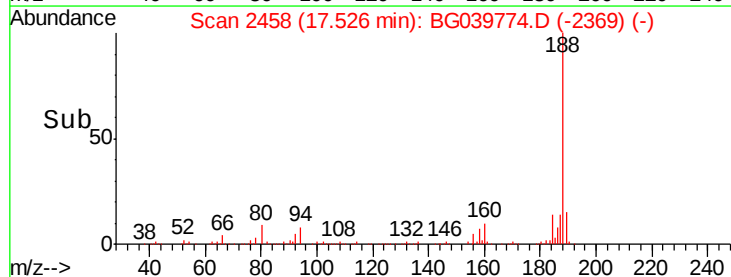
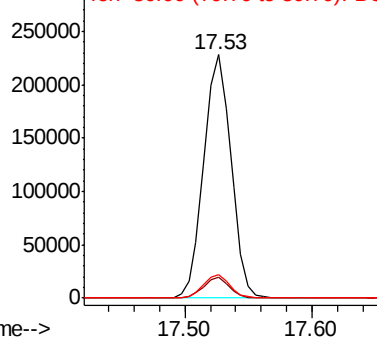
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.4	8.1	12.1

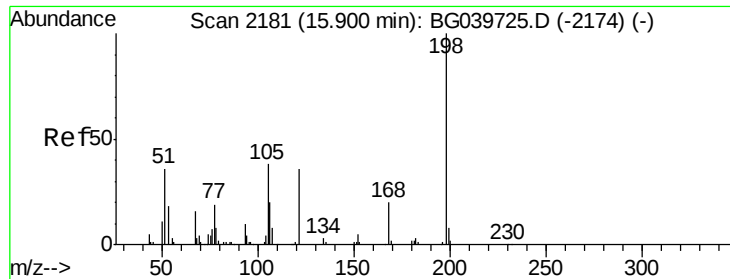


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

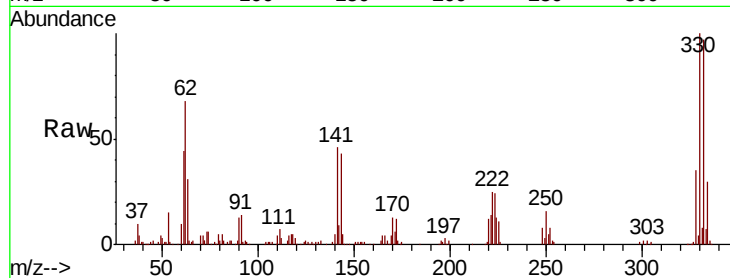




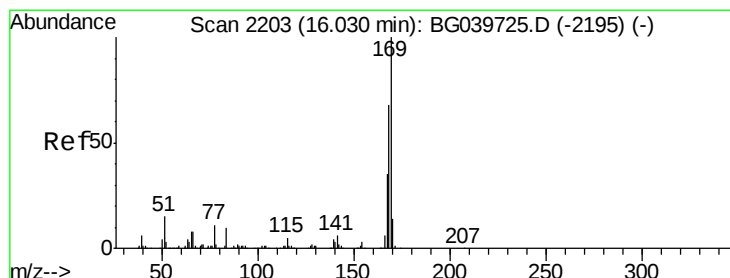
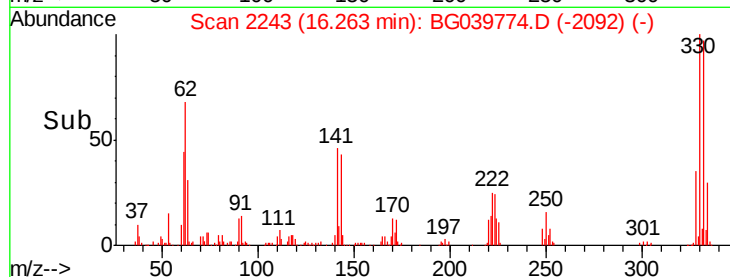
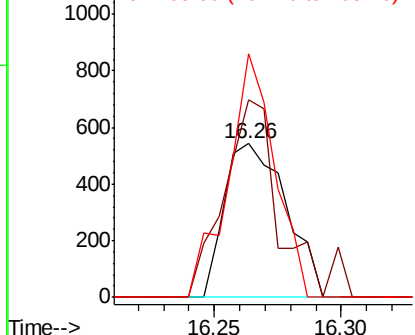
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.460 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.36 min
 Lab File: BG039774.D
 Acq: 5 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:198 Resp: 925
 Ion Ratio Lower Upper
 198 100
 51 128.2 27.4 67.4#
 105 158.4 19.7 59.7#

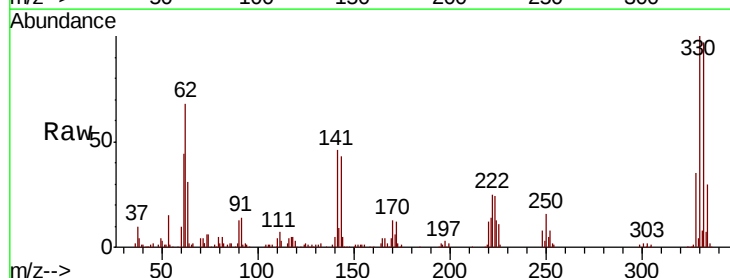


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

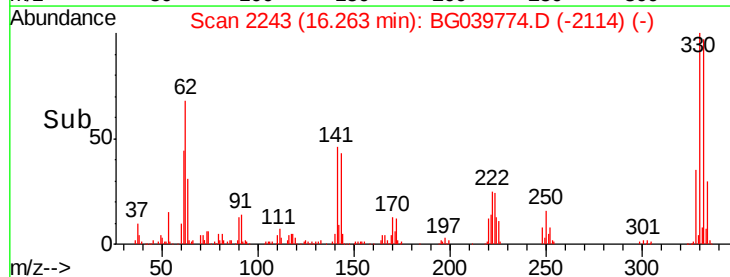
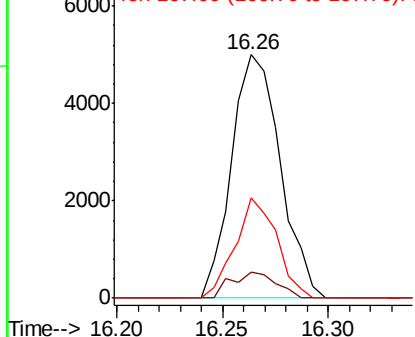


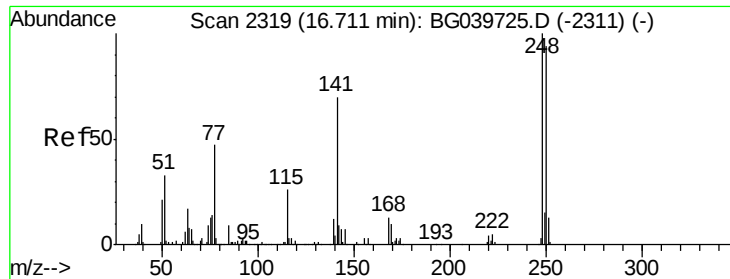
#66
 n-Nitrosodiphenylamine
 Concen: 0.812 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG039774.D
 Acq: 5 Mar 2019 21:24

Tgt Ion:169 Resp: 7996
 Ion Ratio Lower Upper
 169 100
 168 10.4 56.6 85.0#
 167 41.4 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

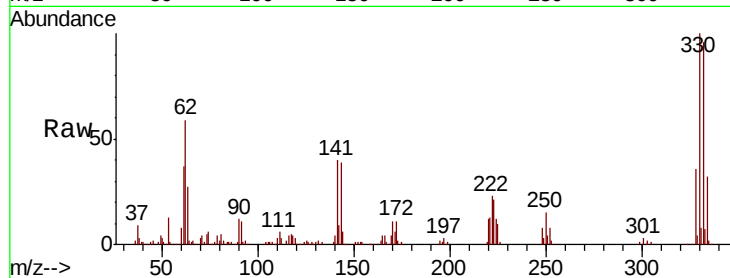




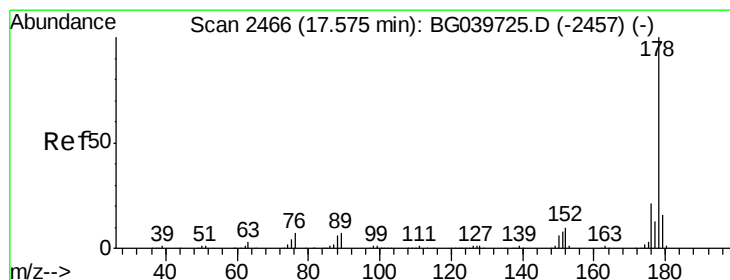
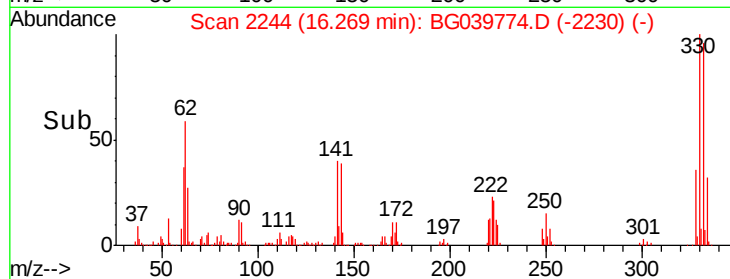
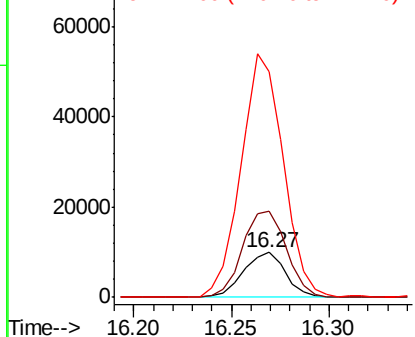
#67
 4-Bromophenyl-phenylether
 Concen: 3.908 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.45 min
 Lab File: BG039774.D
 Acq: 5 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:248 Resp: 14880
 Ion Ratio Lower Upper
 248 100
 250 192.4 77.6 116.4#
 141 500.3 63.9 95.9#

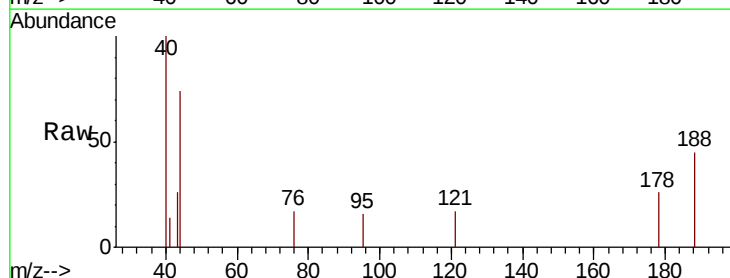


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

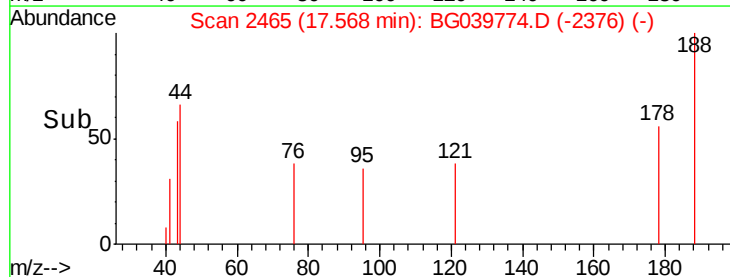
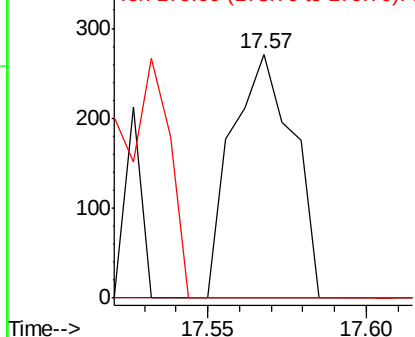


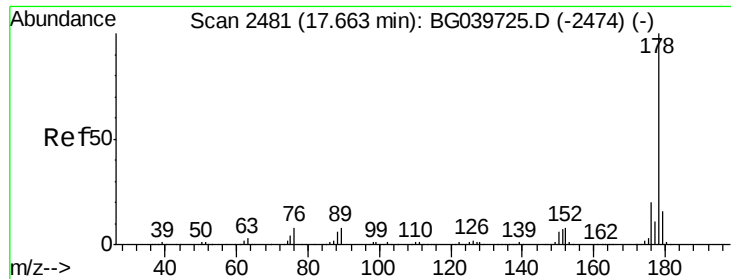
#71
 Phenanthrene
 Concen: 0.019 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BG039774.D
 Acq: 5 Mar 2019 21:24

Tgt Ion:178 Resp: 363
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.2 24.4#
 179 0.0 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: 0.020 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.10 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

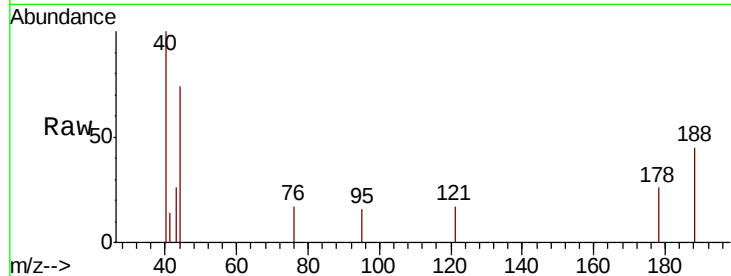
Tgt Ion:178 Resp: 363

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

179 0.0 12.5 18.7#

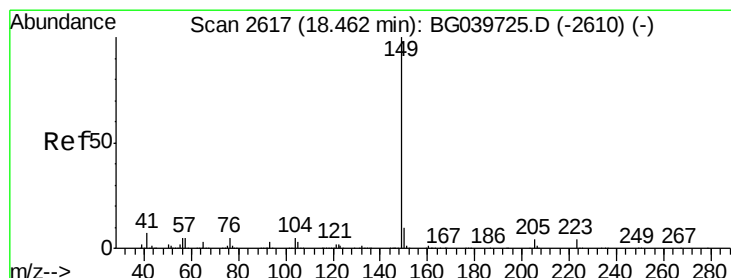
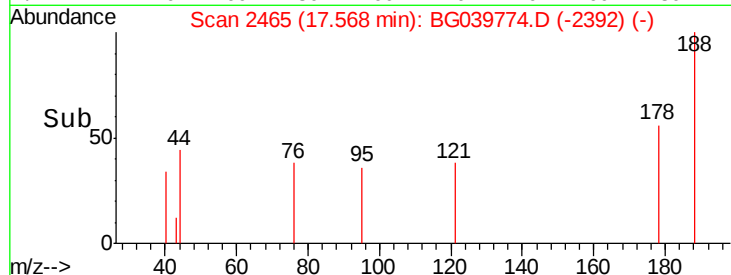


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



#74

Di-n-butylphthalate

Concen: 0.099 ng

RT: 18.45 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

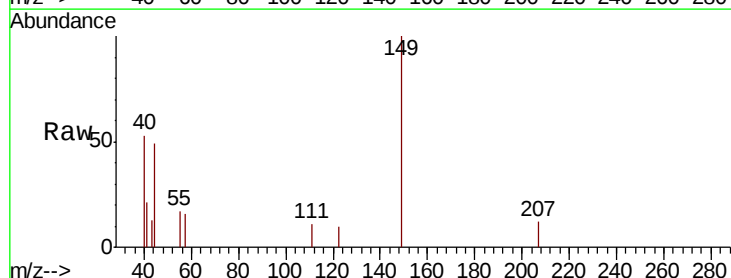
Tgt Ion:149 Resp: 1915

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.5 6.7#

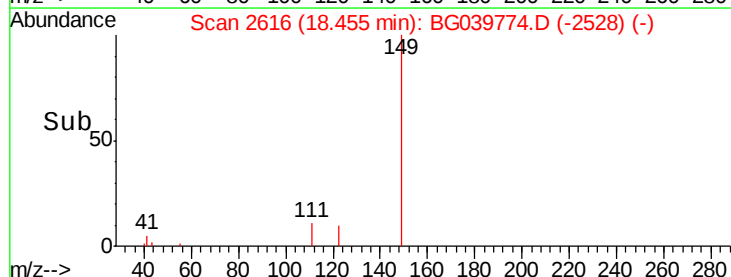


Abundance Ion 149.00 (148.70 to 149.70): E

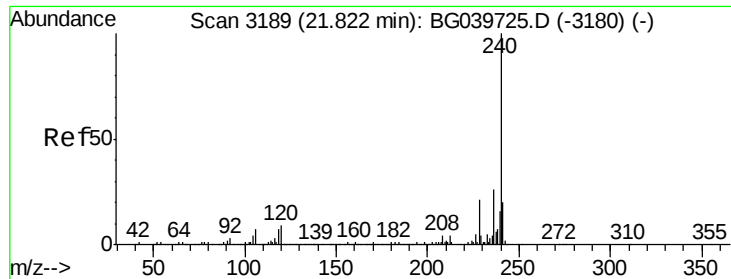
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



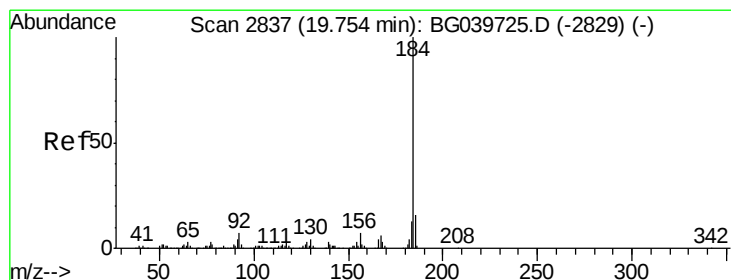
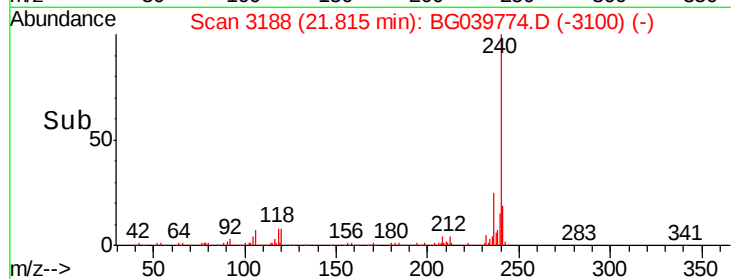
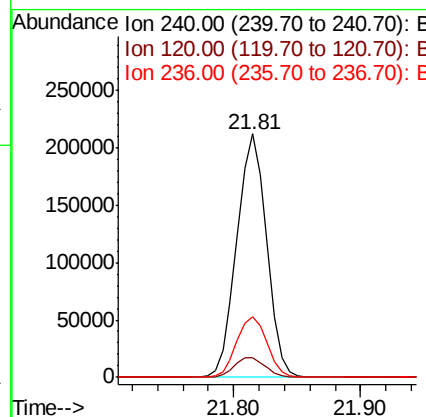
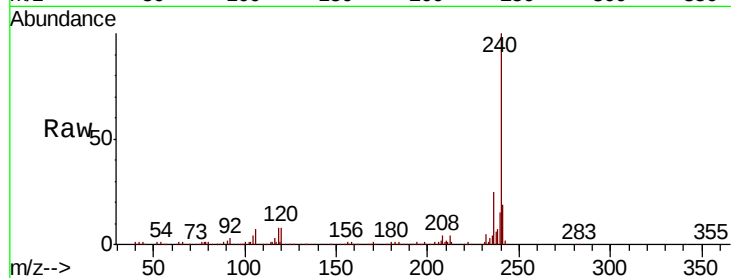
Time-->



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

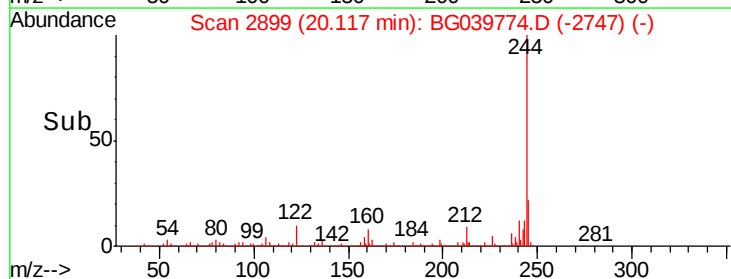
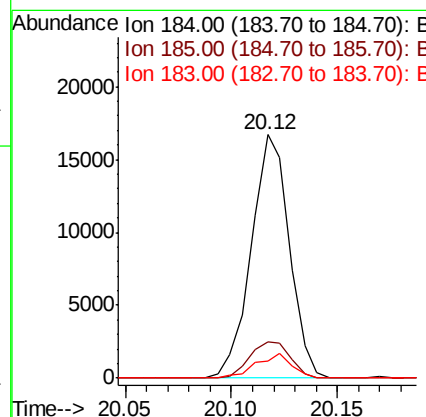
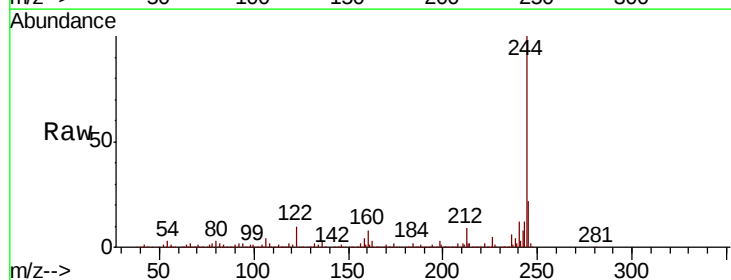
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

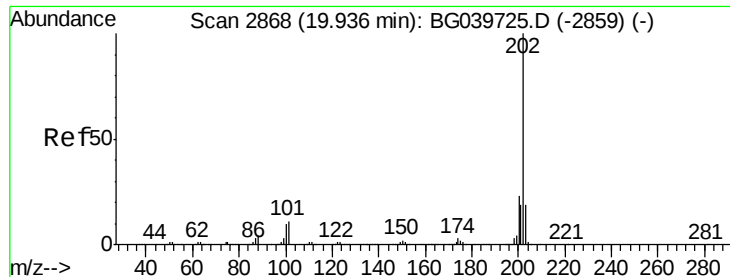
Tgt Ion:240 Resp: 345406
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 24.8 21.0 31.4



#77
Benzidine
Concen: 1.911 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

Tgt Ion:184 Resp: 20949
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.2
183 7.0 10.6 15.8#





#78

Pyrene

Concen: 0.221 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.17 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

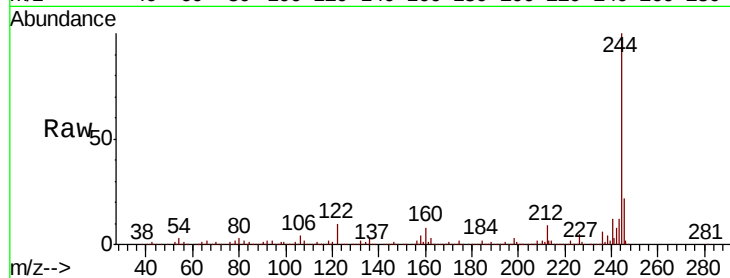
Tgt Ion:202 Resp: 4965

Ion Ratio Lower Upper

202 100

200 53.2 17.8 26.8#

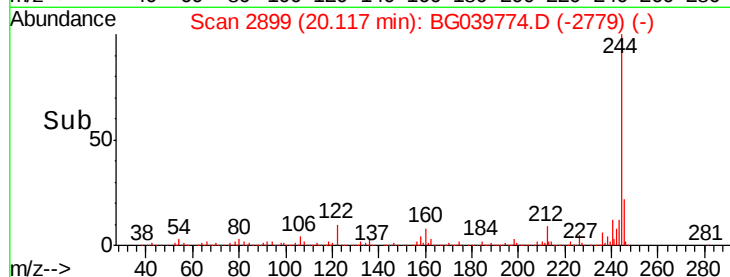
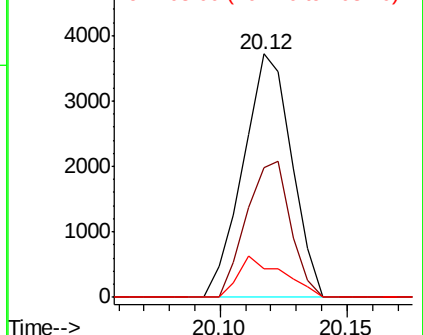
203 11.7 15.3 22.9#



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: 76.277 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

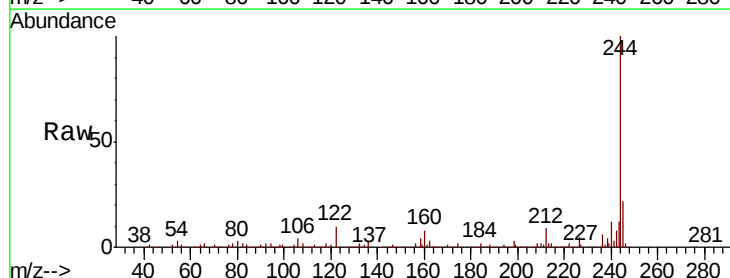
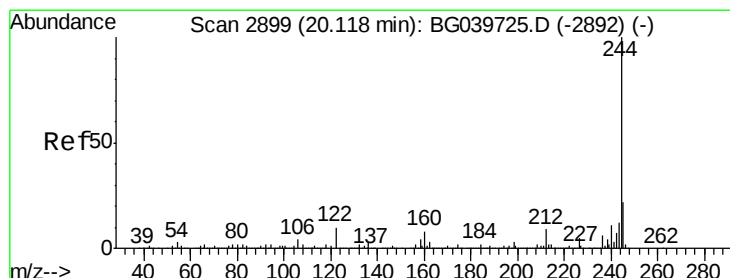
Tgt Ion:244 Resp: 1196595

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

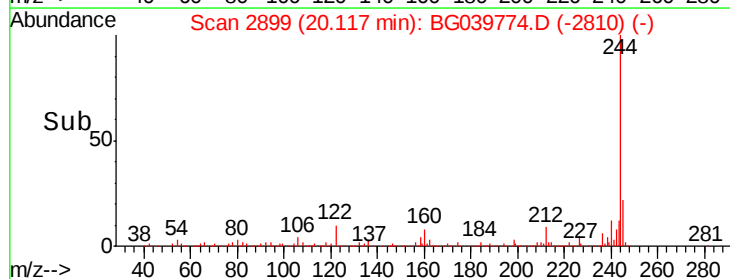
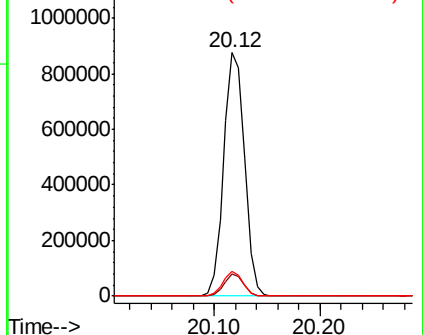
122 10.2 8.4 12.6

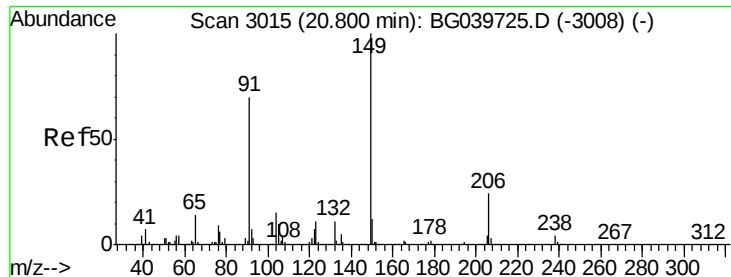


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.80 min Scan# 3016

Delta R.T. -0.00 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

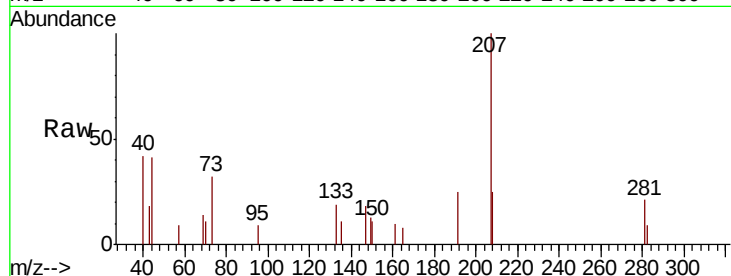
Tgt Ion:149 Resp: 86

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

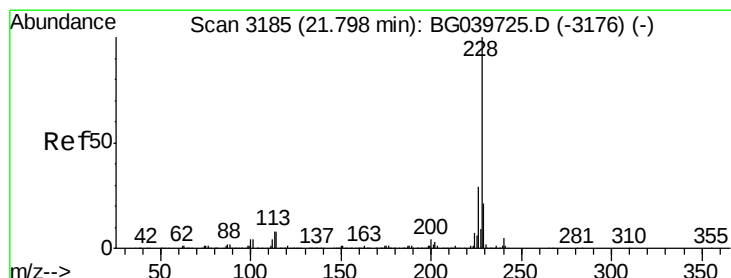
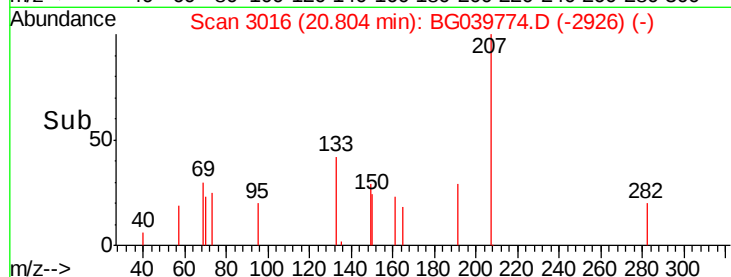
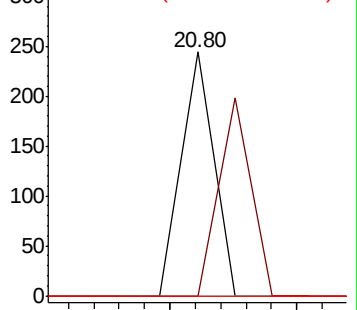
206 0.0 18.6 27.8#



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: 0.042 ng

RT: 21.81 min Scan# 3187

Delta R.T. 0.00 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

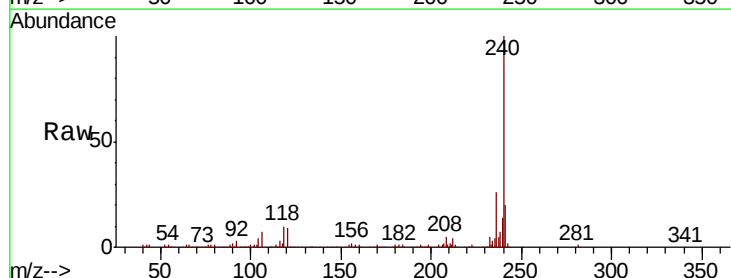
Tgt Ion:228 Resp: 910

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

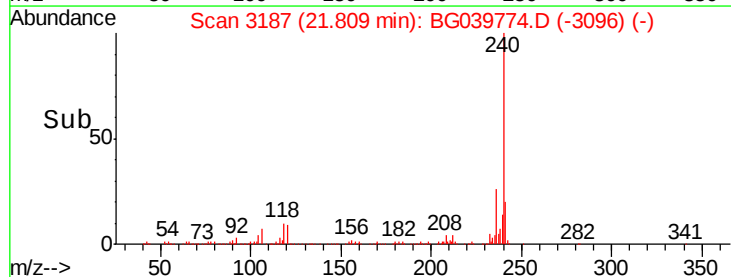
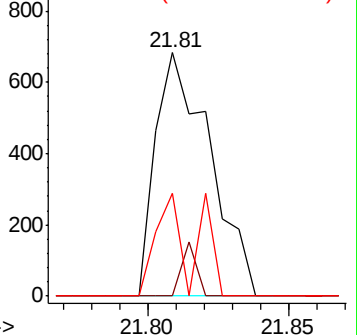
229 42.2 16.9 25.3#

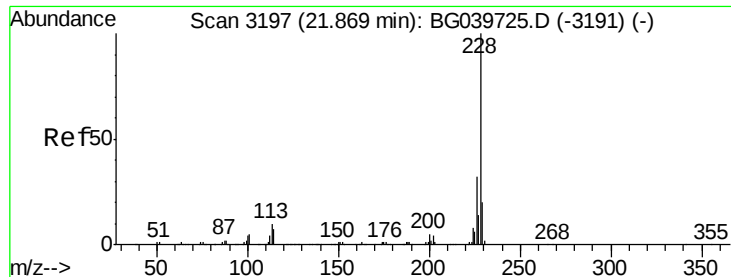


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.043 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.07 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

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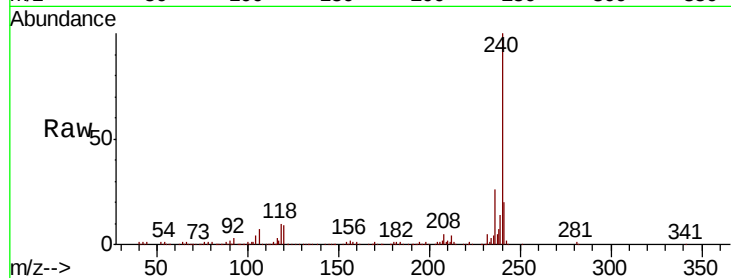
Tgt Ion:228 Resp: 910

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

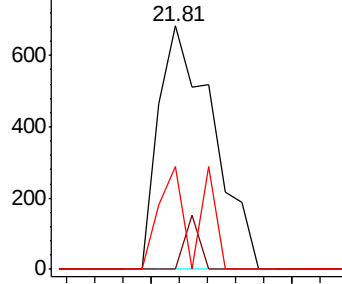
229 42.2 16.6 25.0#



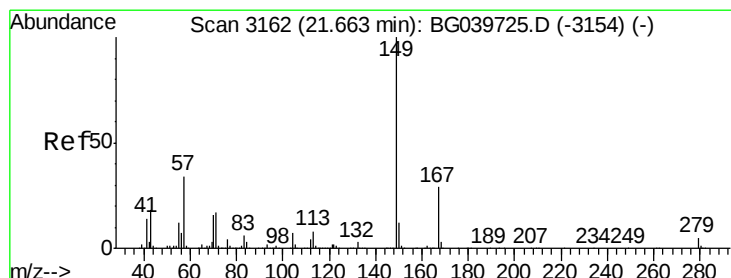
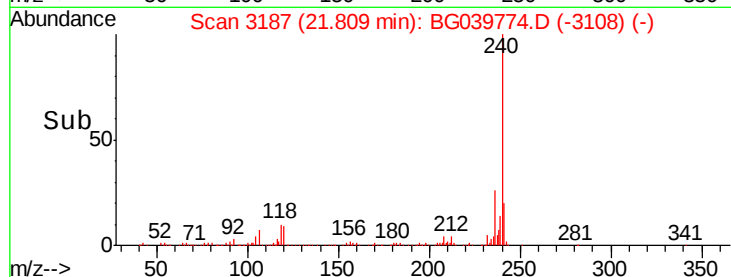
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.075 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

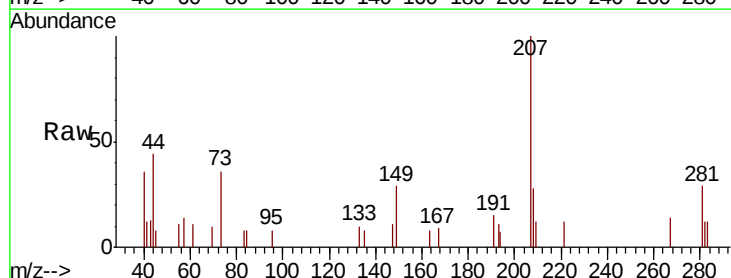
Tgt Ion:149 Resp: 921

Ion Ratio Lower Upper

149 100

167 30.3 22.6 34.0

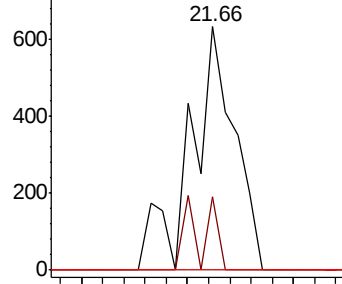
279 0.0 3.5 5.3#



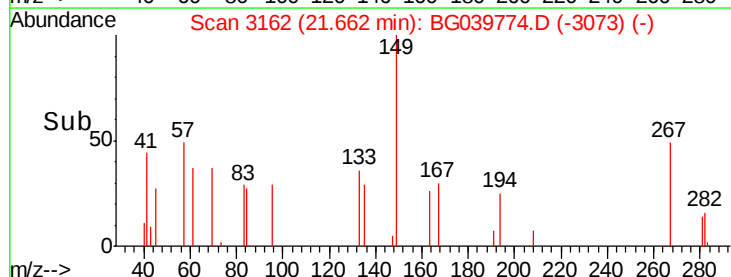
Abundance Ion 149.00 (148.70 to 149.70): E

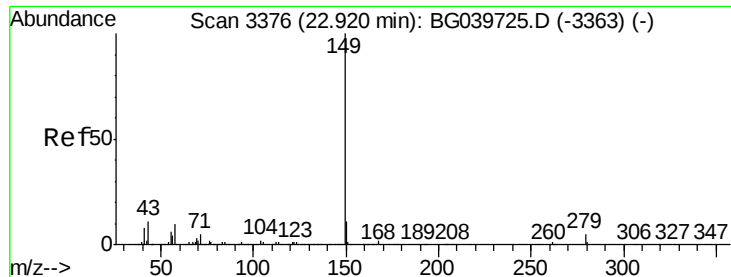
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

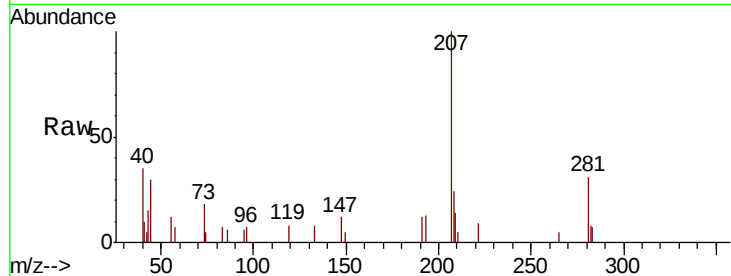




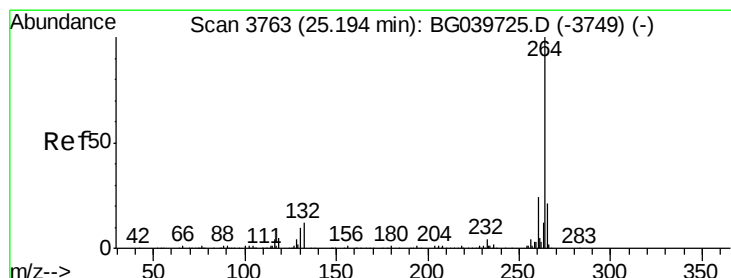
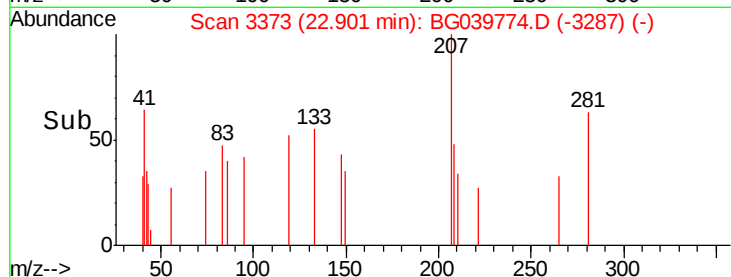
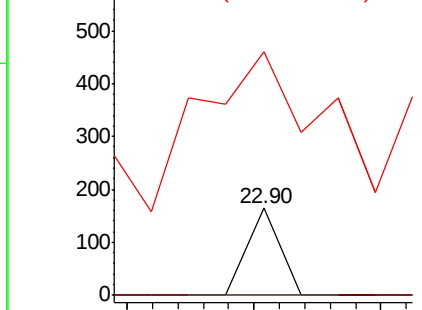
#85
Di-n-octyl phthalate
Concen: 0.003 ng
RT: 22.90 min Scan# 3373
Delta R.T. -0.03 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:149 Resp: 58
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 681.0 10.2 15.4#

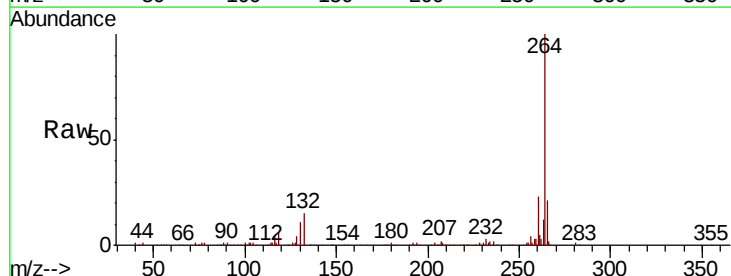


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

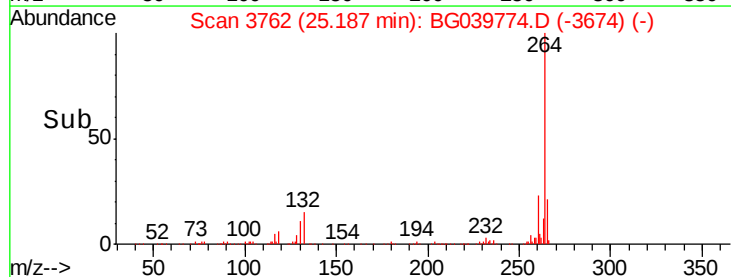
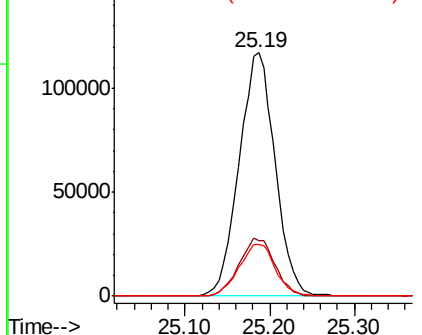


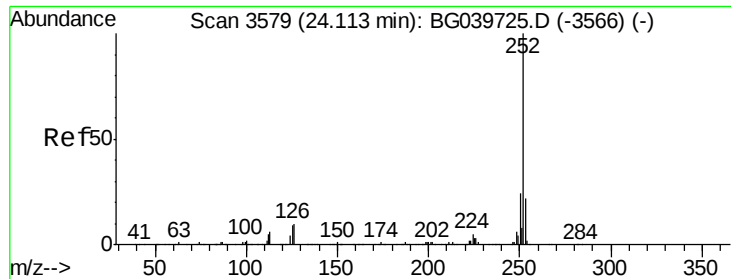
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

Tgt Ion:264 Resp: 345014
Ion Ratio Lower Upper
264 100
260 23.0 18.2 27.4
265 21.2 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

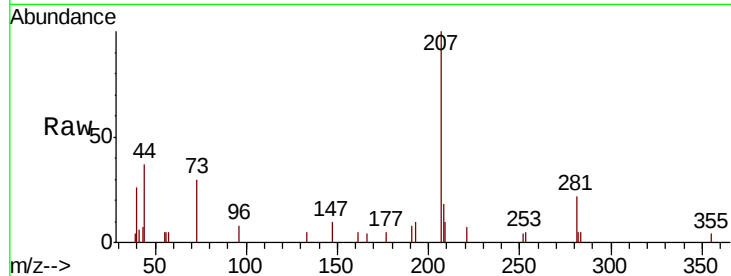




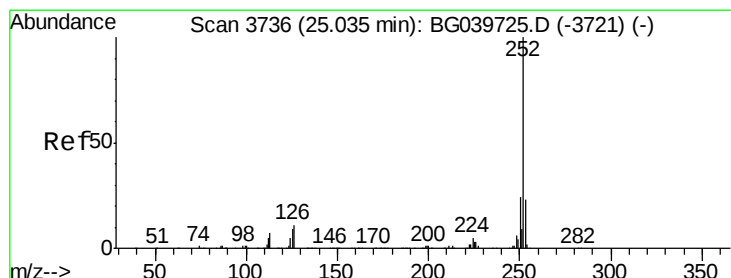
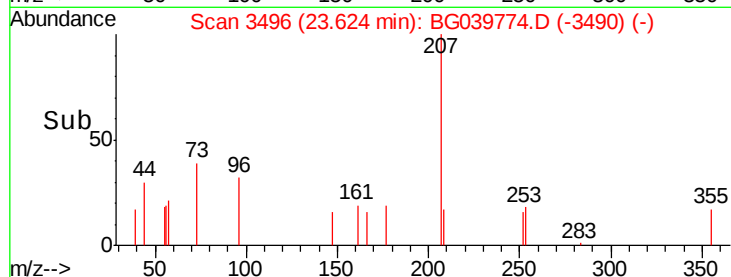
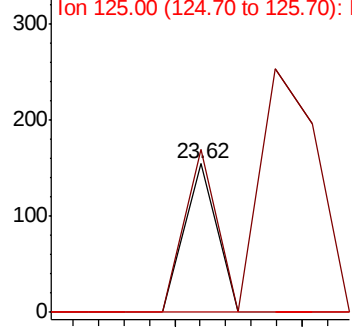
#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 23.62 min Scan# 3496
Delta R.T. -0.50 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:252 Resp: 54
Ion Ratio Lower Upper
252 100
253 109.7 17.8 26.8#
125 0.0 7.8 11.6#

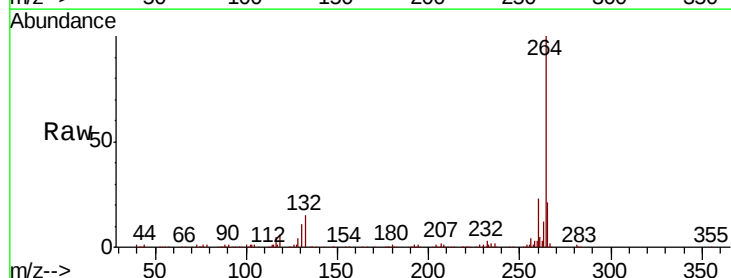


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

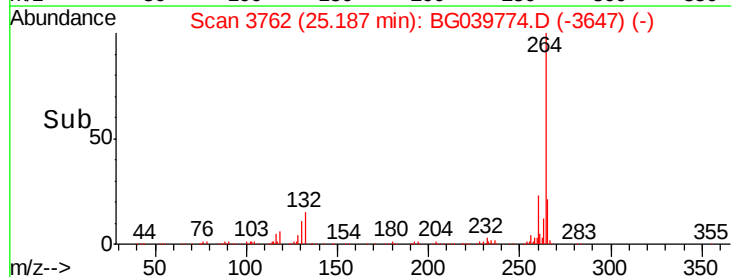
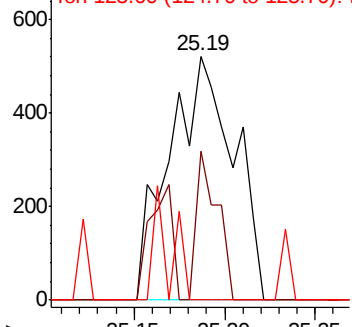


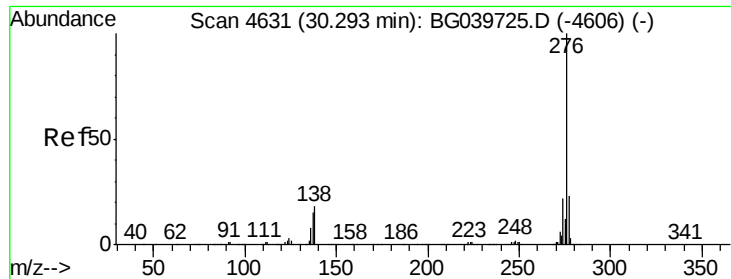
#90
Benzo(a)pyrene
Concen: 0.069 ng
RT: 25.19 min Scan# 3762
Delta R.T. 0.15 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

Tgt Ion:252 Resp: 1305
Ion Ratio Lower Upper
252 100
253 60.8 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





#92

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 29.94 min Scan# 4571

Delta R.T. -0.37 min

Lab File: BG039774.D

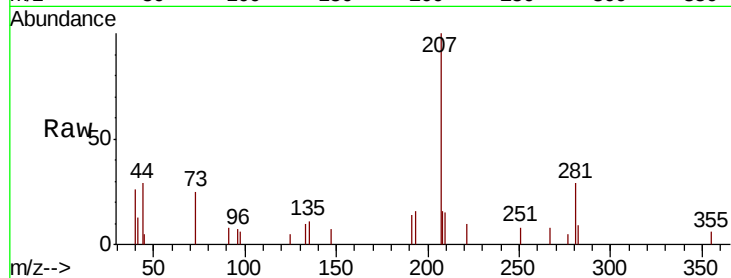
Acq: 5 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK



Tgt Ion:	276	Resp:	55
Ion Ratio	Lower	Upper	
276	100		
277	0.0	19.6	29.4#
138	0.0	14.7	22.1#

