

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040468.D
 Acq On : 12 Apr 2019 19:30
 Operator : JU/SJ
 Sample : PB118836BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:43:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39347	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	152578	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	97616	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	270550	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	321147	20.00	ng	-0.04
87) Perylene-d12	24.97	264	321957	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	266010	112.39	ng	-0.02
7) Phenol-d6	7.20	99	365746	111.81	ng	-0.02
23) Nitrobenzene-d5	9.22	82	213903	74.52	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	130104	123.32	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	507254	77.00	ng	-0.03
79) Terphenyl-d14	20.02	244	984696	68.98	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	225	0.202	ng	# 15
4) n-Nitrosodimethylamine	3.82	42	328	0.237	ng	# 1
6) Aniline	7.57	93	327	0.077	ng	# 1
8) 2-Chlorophenol	7.56	128	64	0.023	ng	# 1
9) Benzaldehyde	7.20	77	322	0.144	ng	# 2
10) Phenol	7.19	94	56	0.016	ng	# 1
11) bis(2-Chloroethyl)ether	7.57	93	327	0.115	ng	# 1
15) Benzyl Alcohol	8.36	79	3286	1.247	ng	# 52
19) n-Nitroso-di-n-propylamine	9.22	70	25924	11.054	ng	# 71
24) Nitrobenzene	9.22	77	535	0.180	ng	# 38
25) Isophorone	9.50	82	323	0.055	ng	# 67
26) 2-Nitrophenol	10.40	139	71	0.050	ng	# 32
28) bis(2-Chloroethoxy)methane	10.10	93	67	0.019	ng	# 49
35) Caprolactam	11.76	113	62	0.064	ng	# 1
46) 1,1'-Biphenyl	13.51	154	641	0.083	ng	# 78
48) 2-Nitroaniline	13.29	65	875	0.438	ng	# 1
51) 2,6-Dinitrotoluene	14.67	165	12698	7.402	ng	# 24
52) Acenaphthene	14.67	154	269	0.047	ng	# 3
54) 2,4-Dinitrophenol	14.73	184	79	0.087	ng	# 18
56) 4-Nitrophenol	14.70	139	62	0.042	ng	# 5
57) 2,4-Dinitrotoluene	14.67	165	12698	5.327	ng	# 24
58) Fluorene	16.16	166	6391	0.880	ng	# 77
62) 4-Nitroaniline	16.17	138	110	0.056	ng	# 1
63) Azobenzene	16.15	77	713	0.097	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.15	198	130	0.086	ng	# 67
66) n-Nitrosodiphenylamine	16.16	169	4772	0.603	ng	# 43
67) 4-Bromophenyl-phenylether	16.16	248	10018	3.290	ng	# 1
74) Di-n-butylphthalate	18.37	149	121	0.008	ng	# 77
77) Benzidine	20.02	184	15320	1.321	ng	# 88
78) Pyrene	20.02	202	3511	0.166	ng	# 57
80) Butylbenzylphthalate	20.67	149	74	0.008	ng	# 23
81) Benzo(a)anthracene	21.70	228	853	0.043	ng	# 51
82) 3,3'-Dichlorobenzidine	21.48	252	62	0.008	ng	# 26
83) Chrysene	21.70	228	853	0.045	ng	# 48

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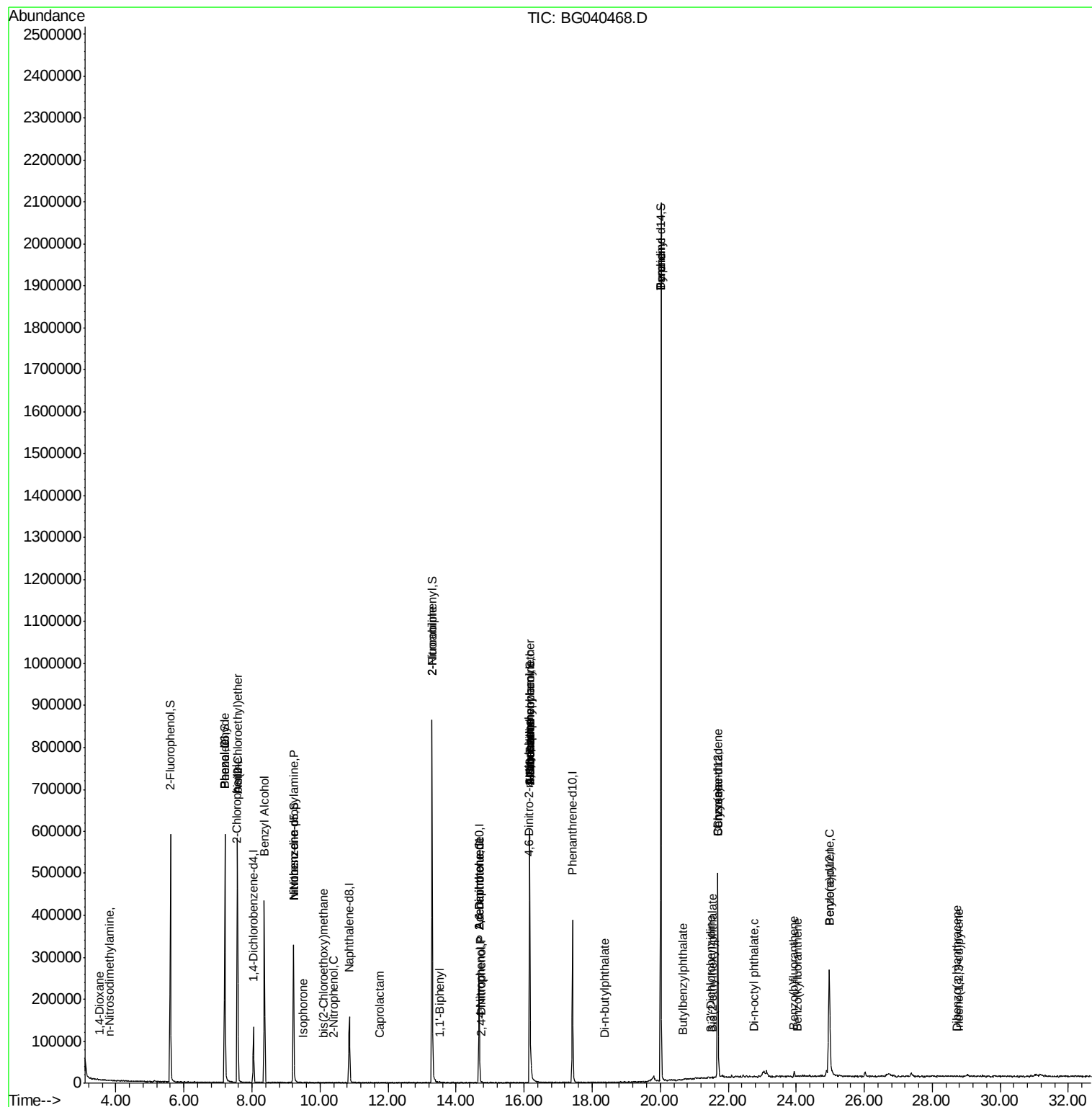
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.54	149	118	0.009	nq	# 50
85) Di-n-octyl phthalate	22.77	149	315	0.014	nq	# 1
86) Indeno(1,2,3-cd)pyrene	28.76	276	56	0.002	nq	# 50
88) Benzo(b)fluoranthene	23.92	252	126	0.006	nq	# 60
89) Benzo(k)fluoranthene	24.03	252	63	0.003	nq	# 59
90) Benzo(a)pyrene	24.96	252	1132	0.061	nq	# 75
91) Dibenzo(a,h)anthracene	28.71	278	53	0.003	nq	# 57

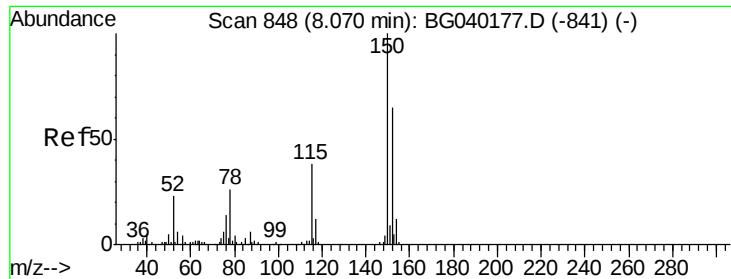
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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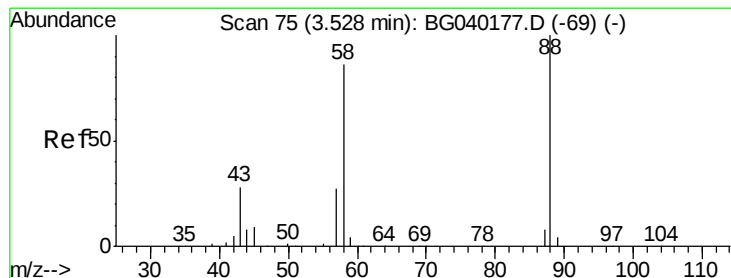
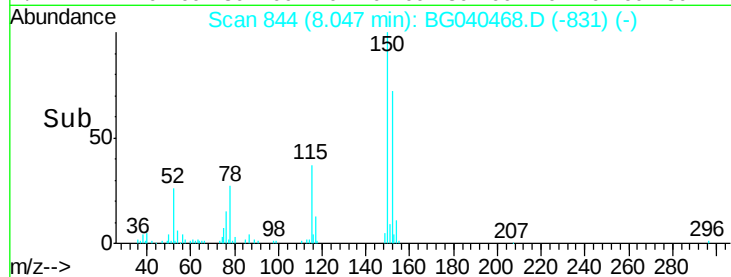
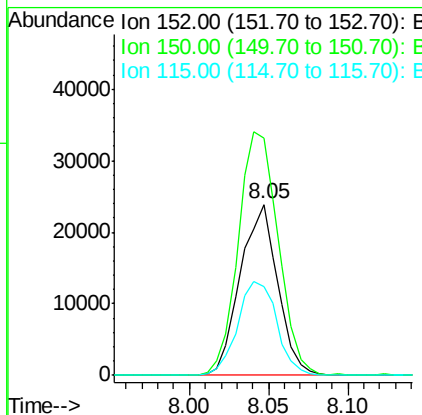
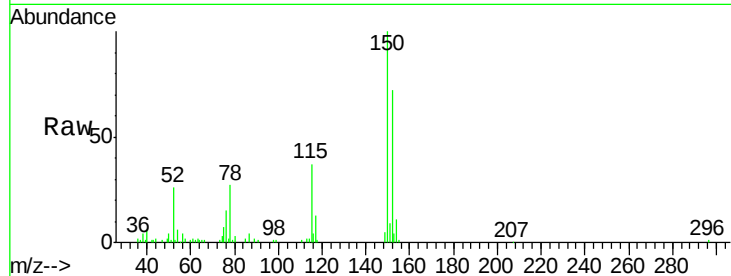


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Instrument :
BNA_G
ClientSampleId :

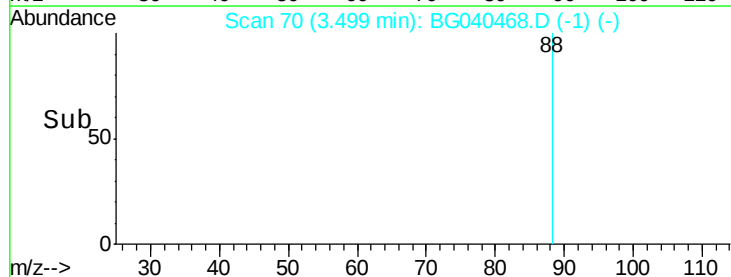
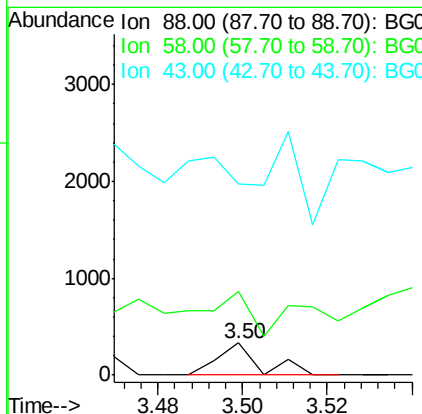
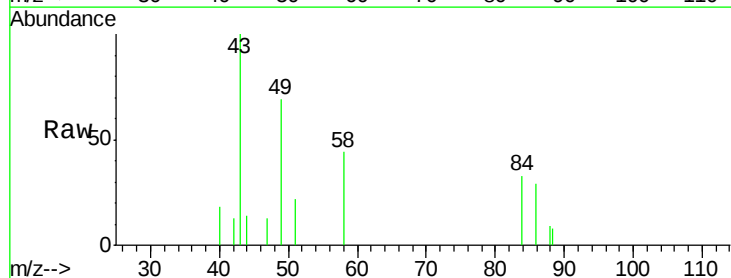
Tot Ion:152 Resp: 39347
Ion Ratio Lower Upper
152 100
150 138.9 123.7 185.5
115 51.7 46.9 70.3

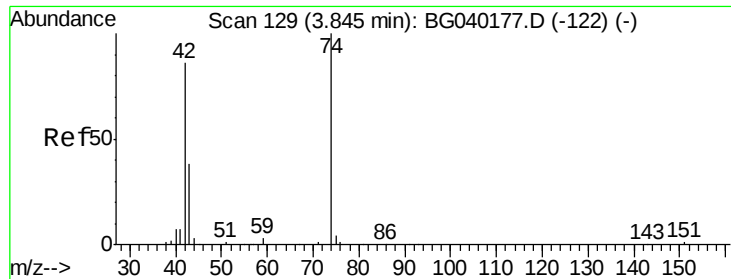


#2

1,4-Dioxane
Concen: 0.202 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion: 88 Resp: 225
Ion Ratio Lower Upper
88 100
58 0.0 70.6 106.0#
43 0.0 24.8 37.2#



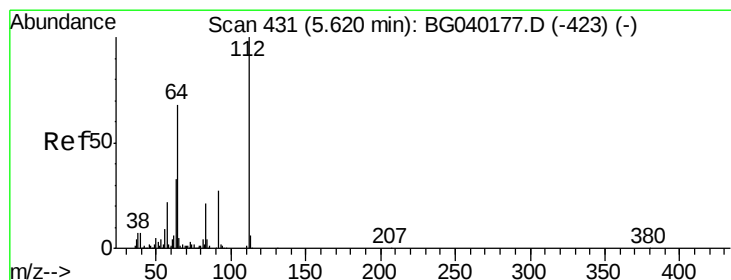
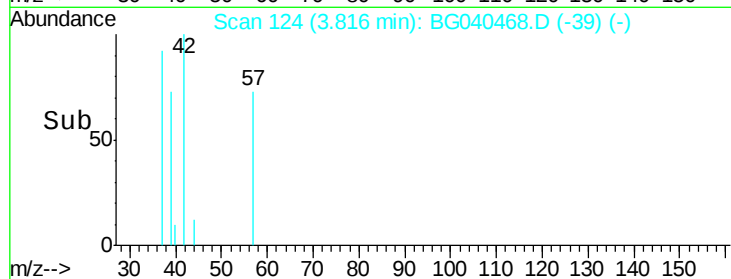
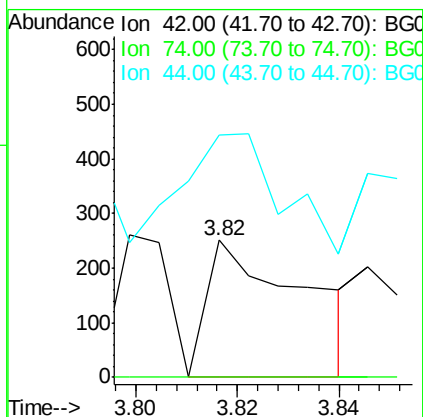
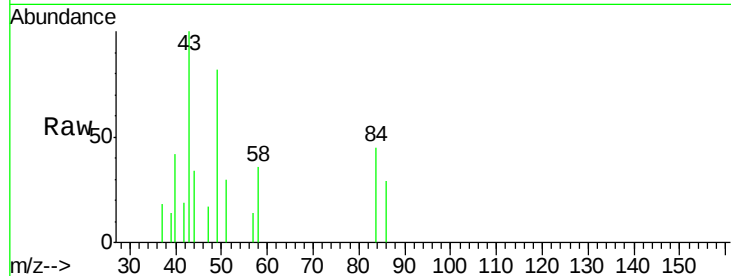


#4

n-Nitrosodimethylamine
 Concen: 0.237 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.03 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

Instrument :
 BNA_G
 ClientSampled :

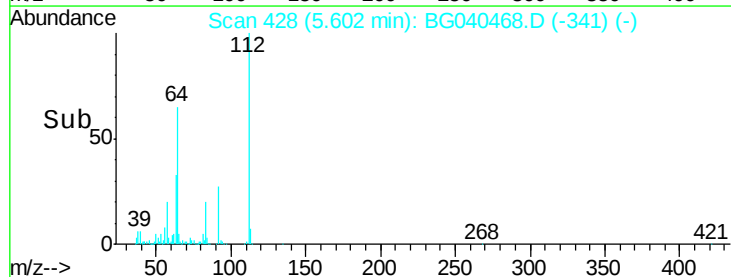
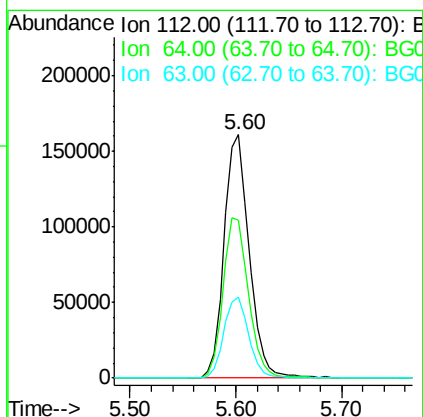
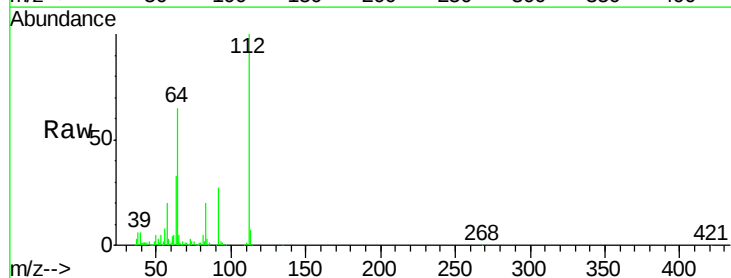
Tot Ion: 42 Resp: 328
 Ion Ratio Lower Upper
 42 100
 74 0.0 92.9 139.3#
 44 176.5 9.7 14.5#

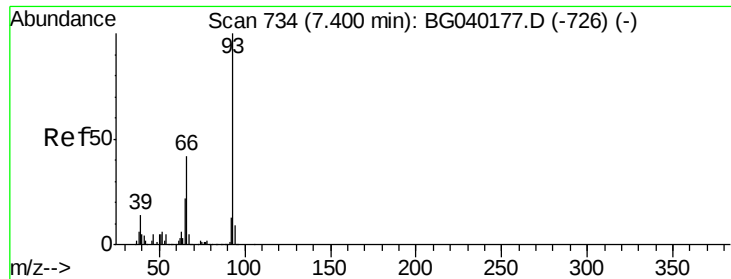


#5

2-Fluorophenol
 Concen: 112.389 ng
 RT: 5.60 min Scan# 428
 Delta R.T. -0.02 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

Tgt Ion: 112 Resp: 266010
 Ion Ratio Lower Upper
 112 100
 64 64.9 54.2 81.2
 63 33.2 26.4 39.6





#6

Aniline

Concen: 0.077 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.17 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

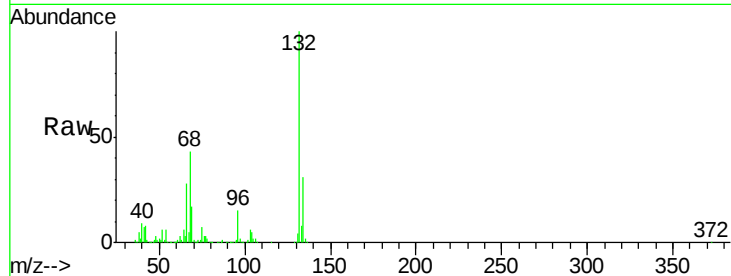
Tot Ion: 93 Resp: 327

Ion Ratio Lower Upper

93 100

66 13454.1 33.6 50.4#

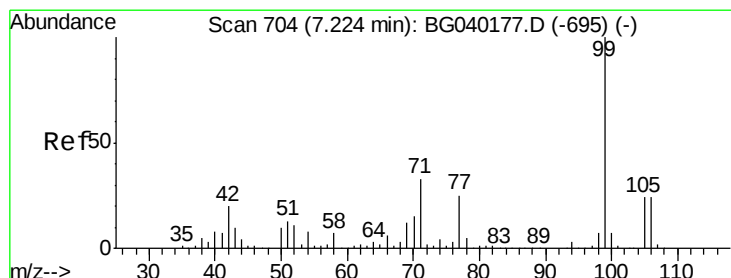
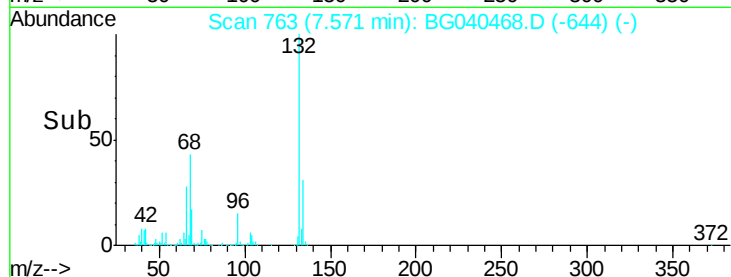
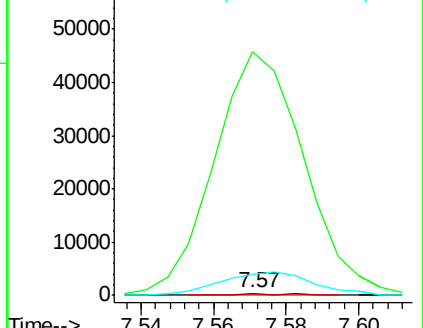
65 1189.7 17.4 26.2#



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: 111.813 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

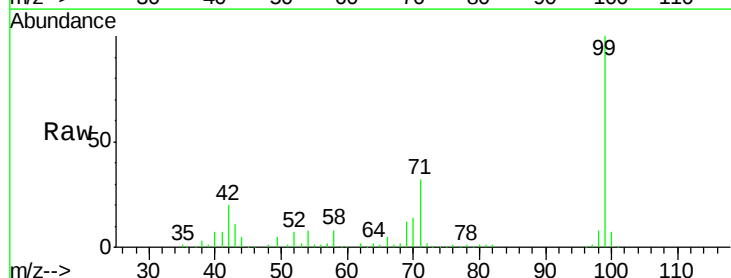
Tgt Ion: 99 Resp: 365746

Ion Ratio Lower Upper

99 100

42 19.6 16.2 24.2

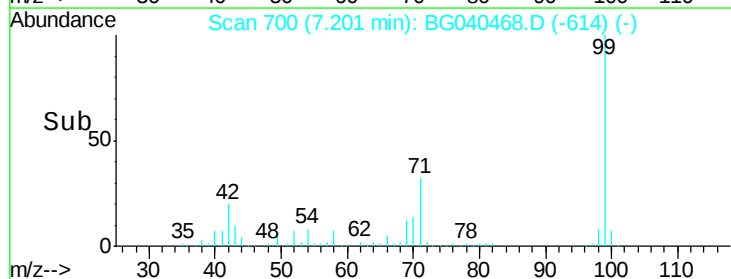
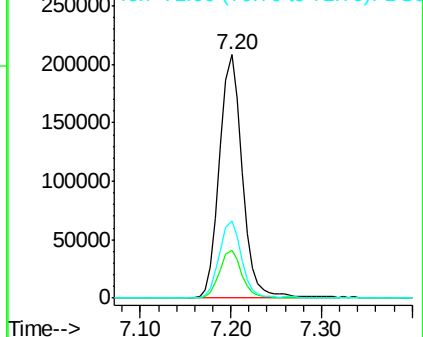
71 31.7 26.8 40.2

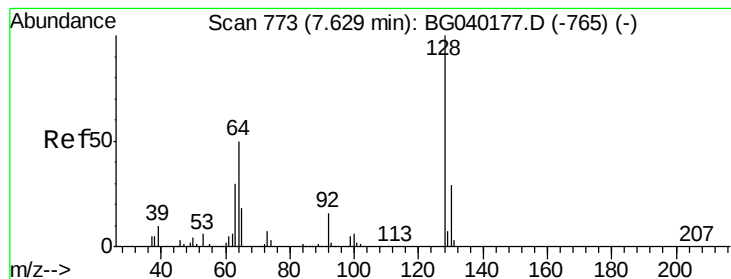


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#8

2-Chlorophenol

Concen: 0.023 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.07 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

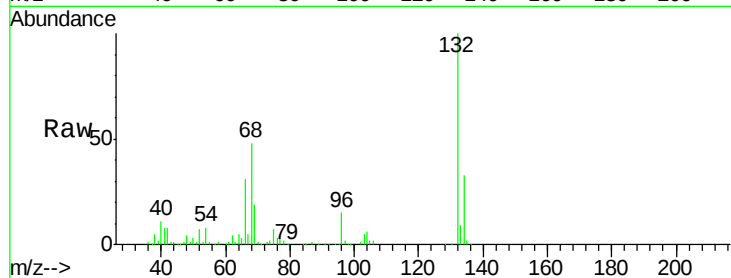
Instrument :

BNA_G

ClientSampleId :

Tot Ion:128 Resp: 64

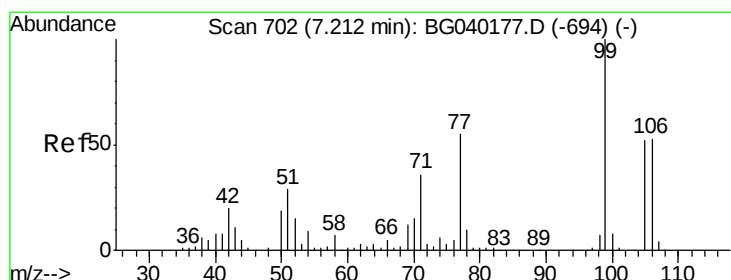
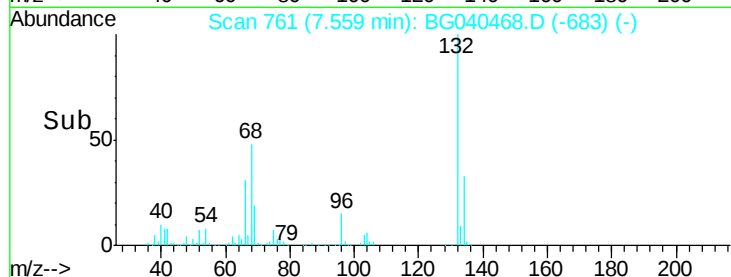
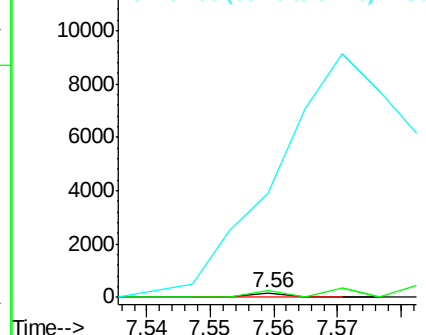
Ion	Ratio	Lower	Upper
128	100		
130	129.8	9.1	49.1#
64	2147.5	33.1	73.1#



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: 0.144 ng

RT: 7.20 min Scan# 700

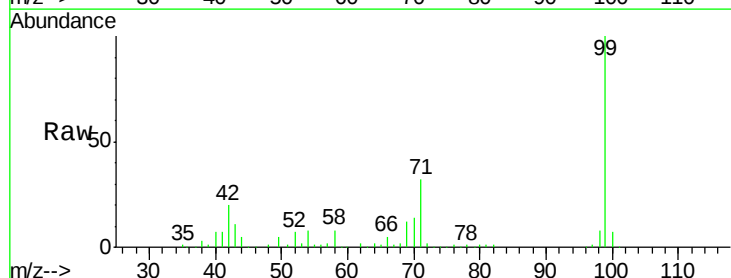
Delta R.T. -0.01 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Tgt Ion: 77 Resp: 322

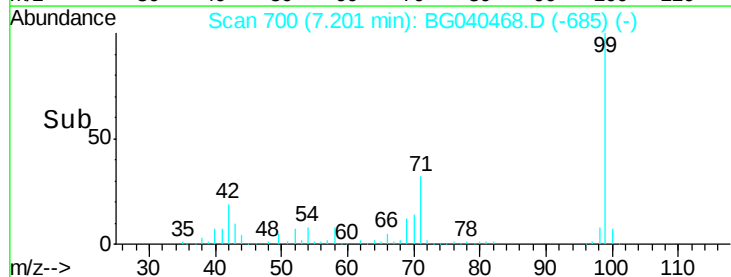
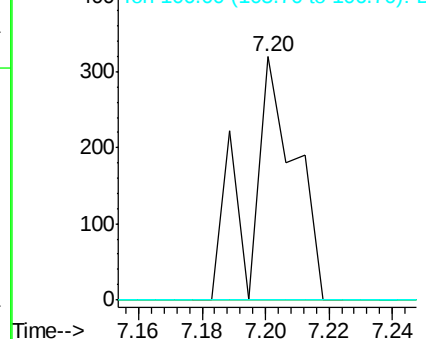
Ion	Ratio	Lower	Upper
77	100		
105	0.0	75.0	115.0#
106	0.0	75.7	115.7#

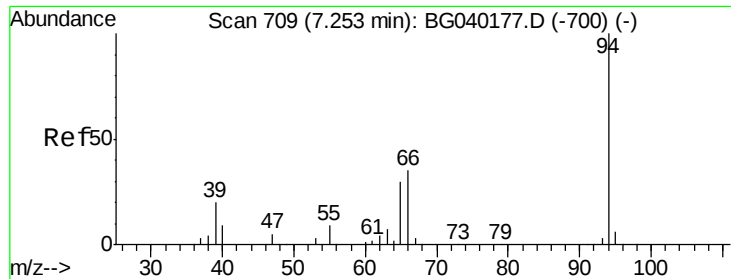


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.016 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.06 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

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ClientSampleId :

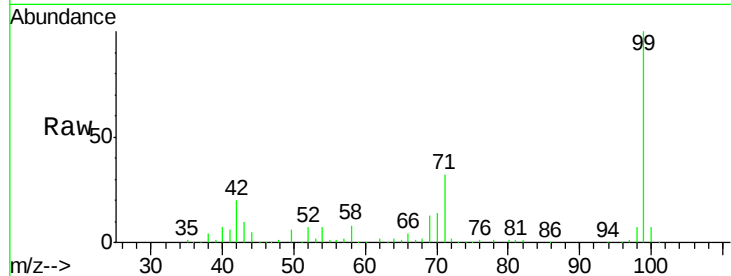
Tot Ion: 94 Resp: 56

Ion Ratio Lower Upper

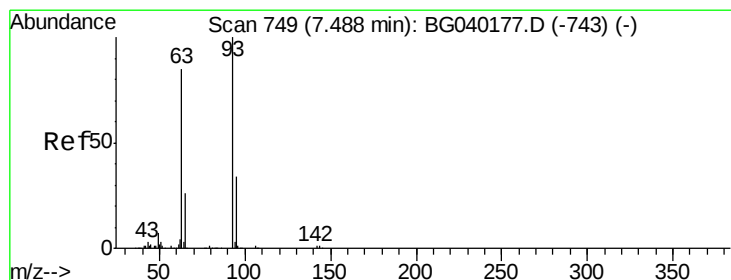
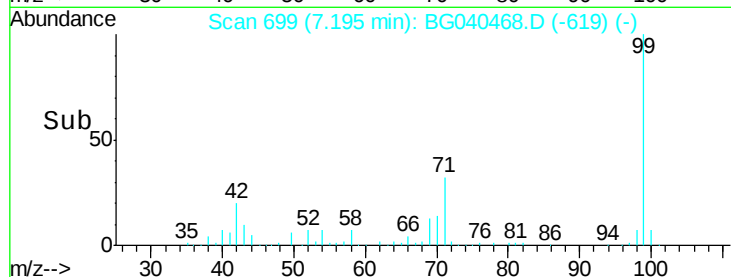
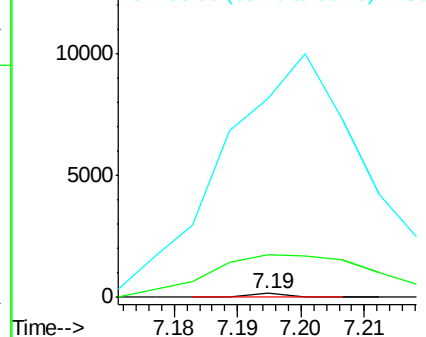
94 100

65 1088.7 10.5 50.5#

66 5136.5 16.9 56.9#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.115 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.08 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

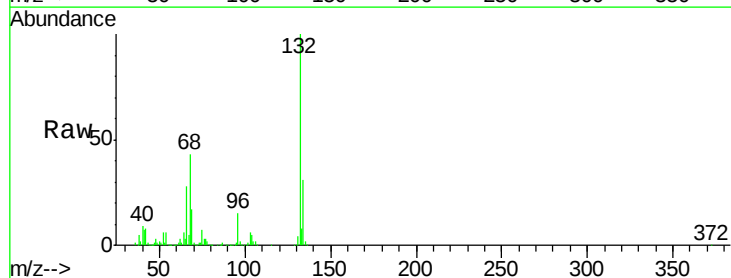
Tgt Ion: 93 Resp: 327

Ion Ratio Lower Upper

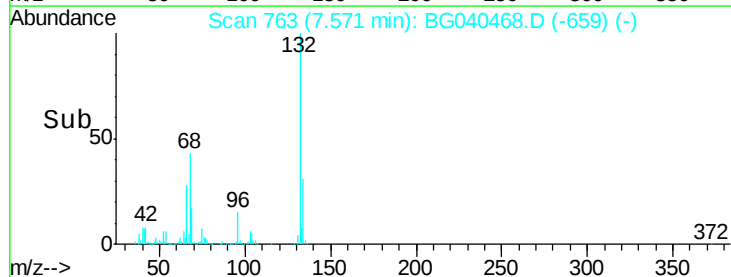
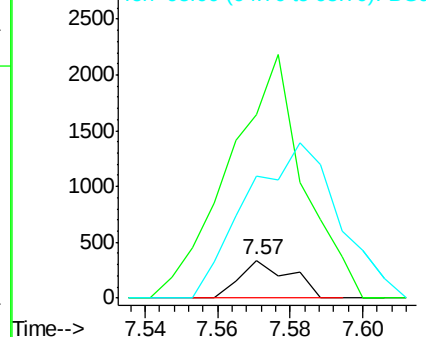
93 100

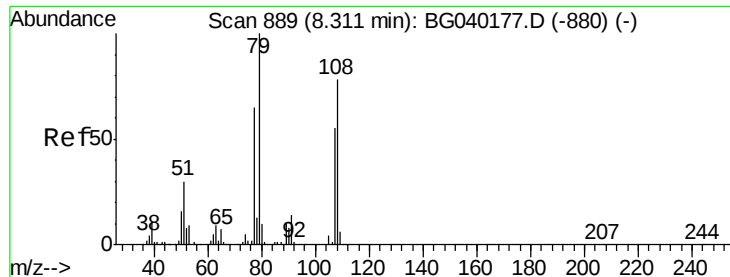
63 482.9 64.2 104.2#

95 320.9 14.0 54.0#



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





#15

Benzyl Alcohol

Concen: 1.247 ng

RT: 8.36 min Scan# 897

Delta R.T. 0.05 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

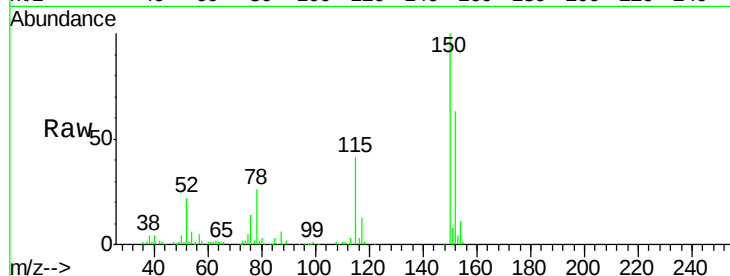
Tot Ion: 79 Resp: 3286

Ion Ratio Lower Upper

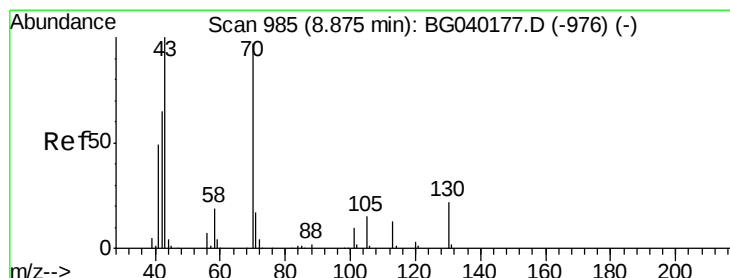
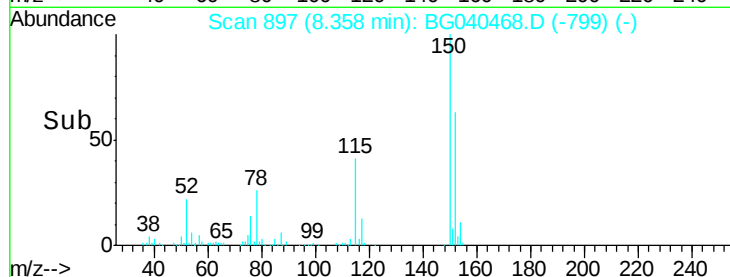
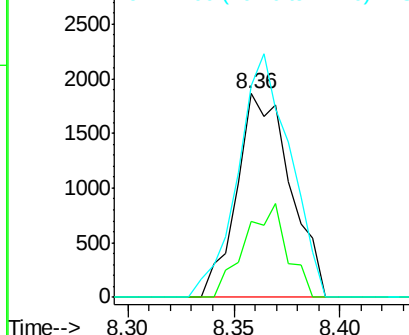
79 100

108 37.4 62.1 93.1#

77 104.1 51.9 77.9#



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.054 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Tgt Ion: 70 Resp: 25924

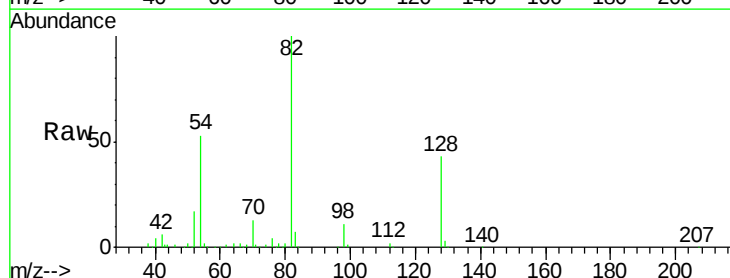
Ion Ratio Lower Upper

70 100

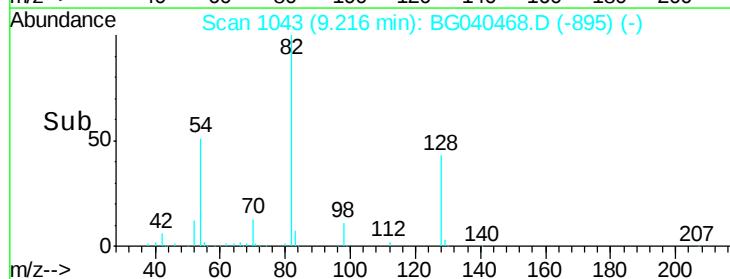
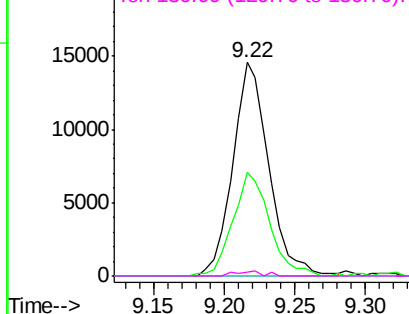
42 48.4 54.0 81.0#

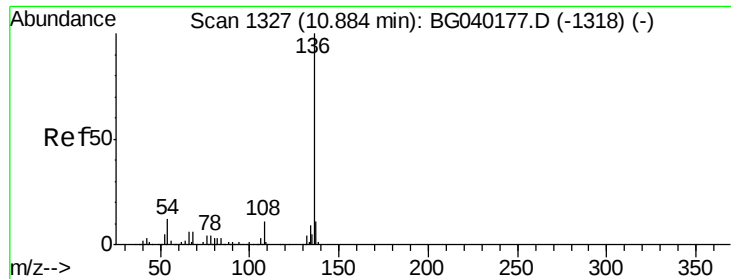
101 0.0 8.6 13.0#

130 1.8 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

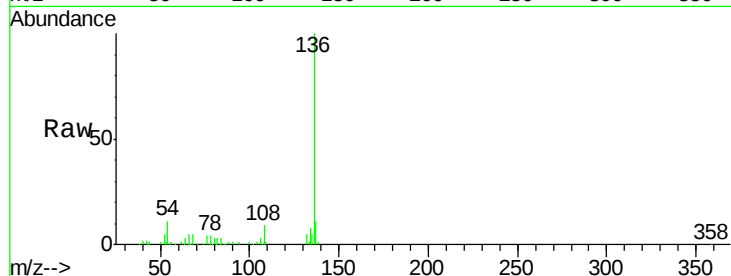




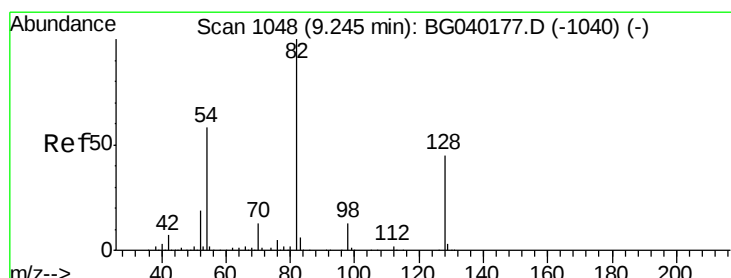
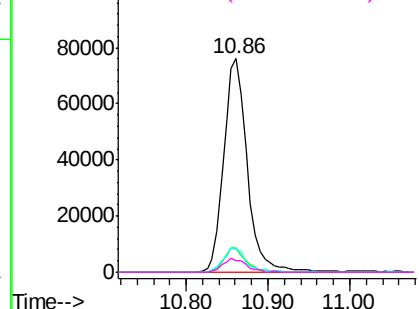
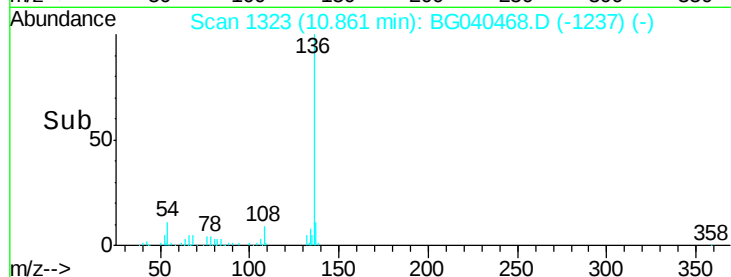
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	152578
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	10.9	9.6 14.4
68	5.3	5.1 7.7

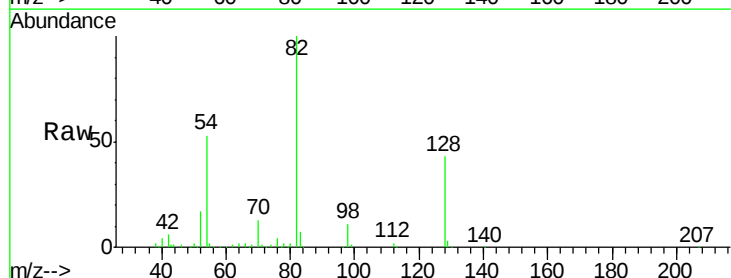


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

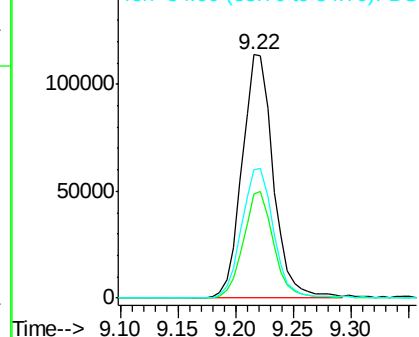
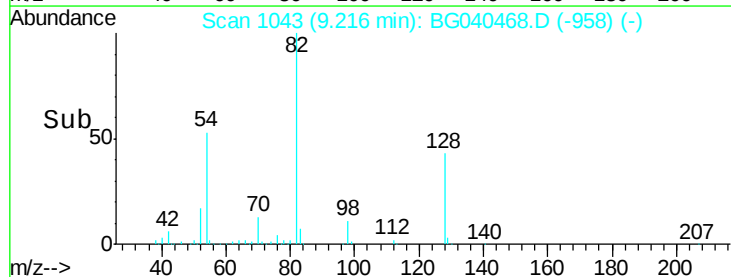


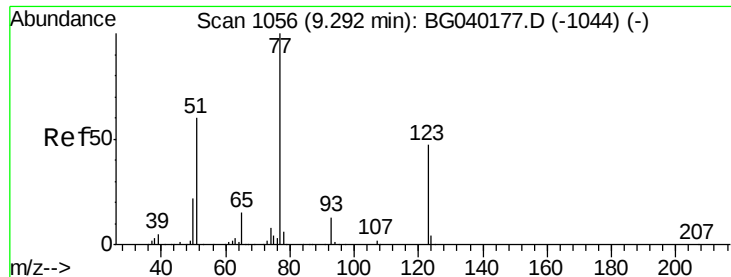
#23
Nitrobenzene-d5
Concen: 74.517 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion: 82	Resp:	213903
Ion Ratio	Lower	Upper
82	100	
128	42.6	35.8 53.8
54	53.0	46.2 69.2



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

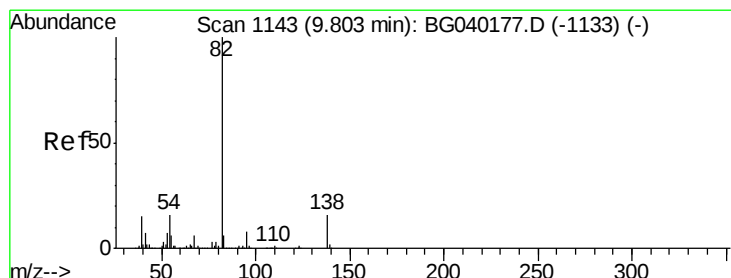
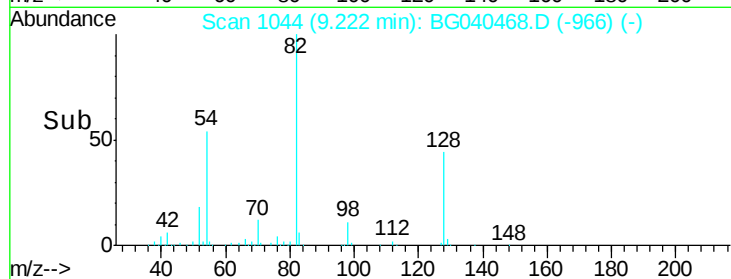
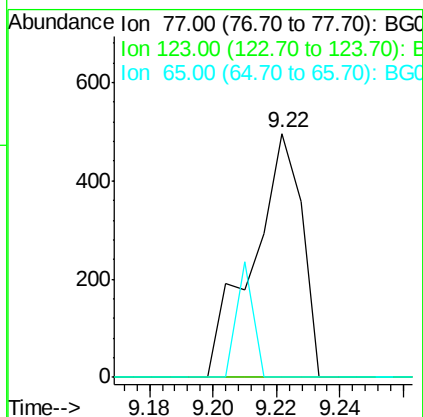
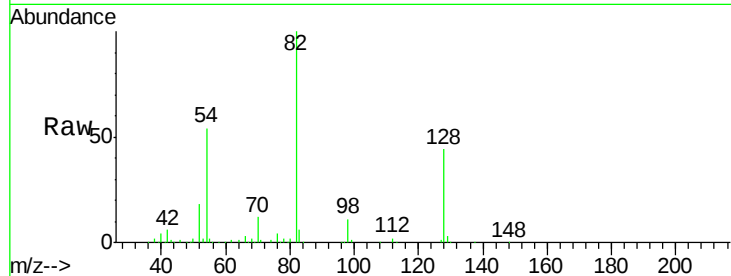




#24
 Nitrobenzene
 Concen: 0.180 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.07 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

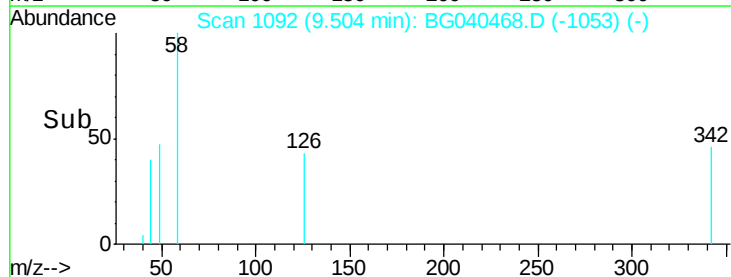
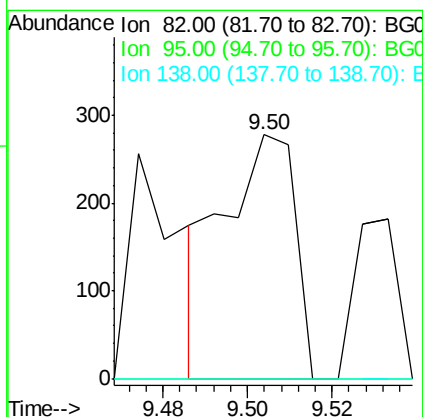
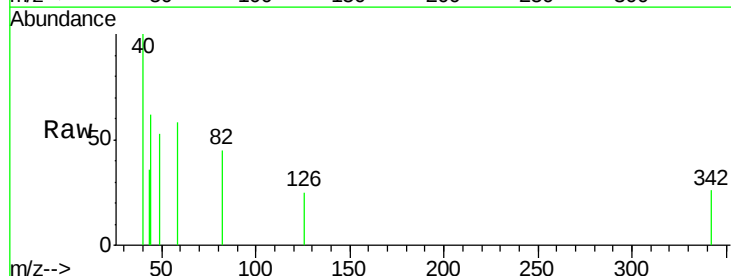
Instrument :
 BNA_G
 ClientSampleId :

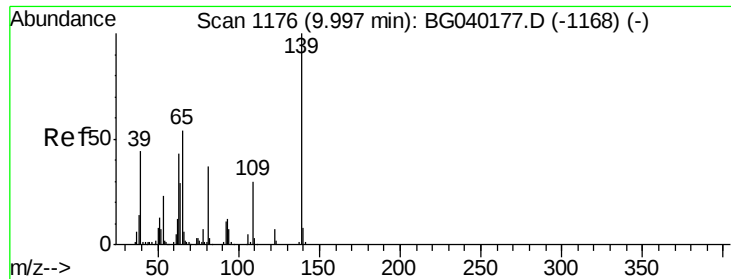
Tot Ion: 77 Resp: 535
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.8 56.6#
 65 0.0 12.0 18.0#



#25
 Isophorone
 Concen: 0.055 ng
 RT: 9.50 min Scan# 1092
 Delta R.T. -0.30 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

Tgt Ion: 82 Resp: 323
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.1 9.1#
 138 0.0 13.2 19.8#

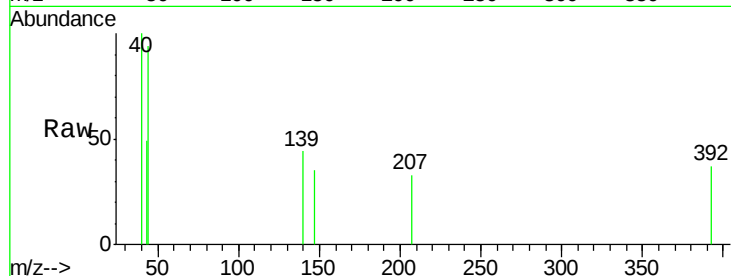




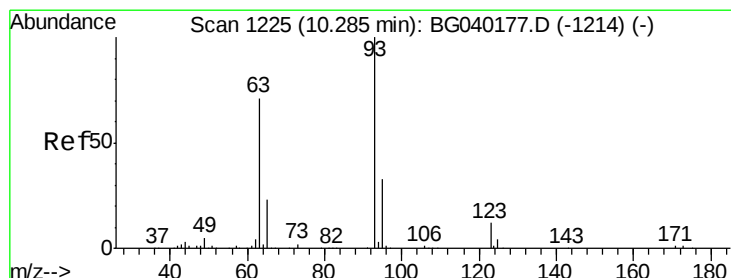
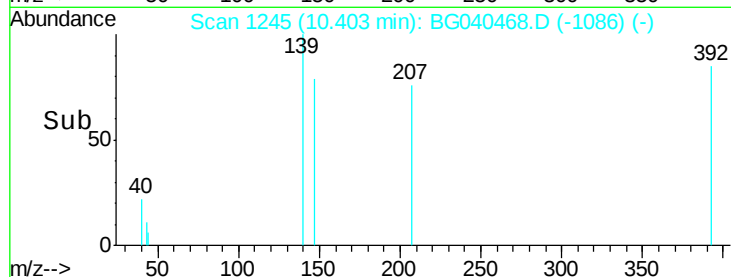
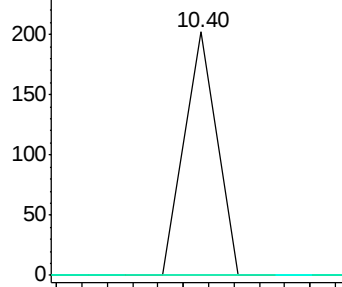
#26
2-Nitrophenol
Concen: 0.050 ng
RT: 10.40 min Scan# 1245
Delta R.T. 0.41 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	24.1	36.1#
65	0.0	43.0	64.6#

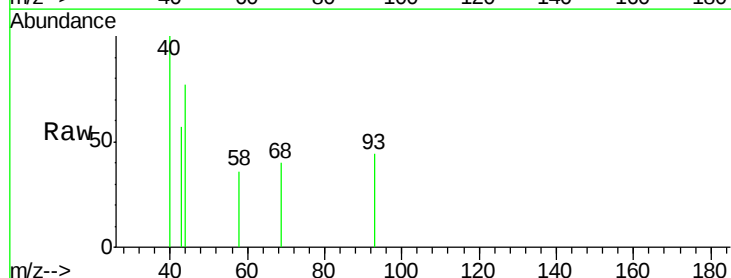


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

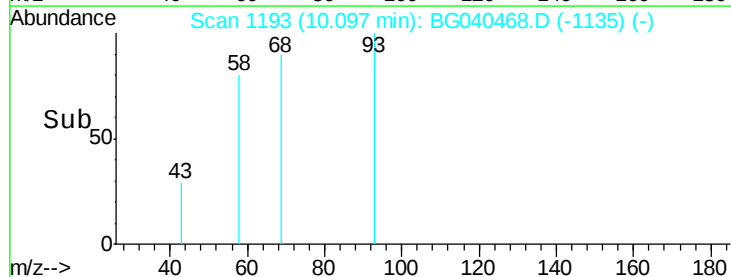
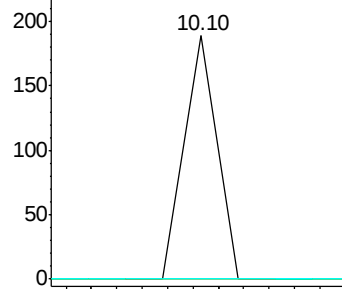


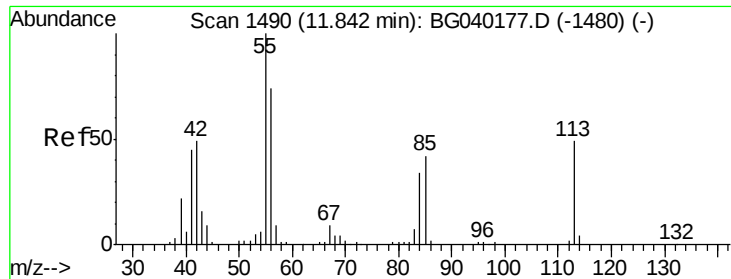
#28
bis(2-Chloroethoxy)methane
Concen: 0.019 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.19 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.2	39.4#
123	0.0	9.4	14.0#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





#35

Caprolactam

Concen: 0.064 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.08 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

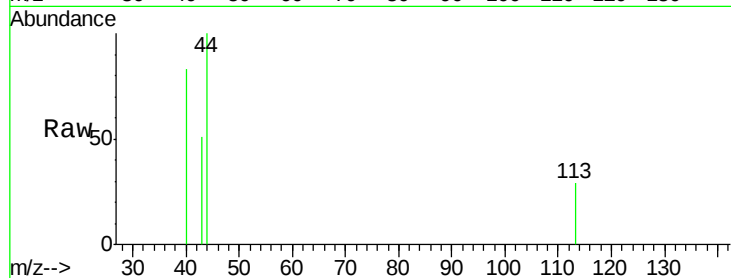
Tot Ion:113 Resp: 62

Ion Ratio Lower Upper

113 100

55 0.0 184.2 224.2#

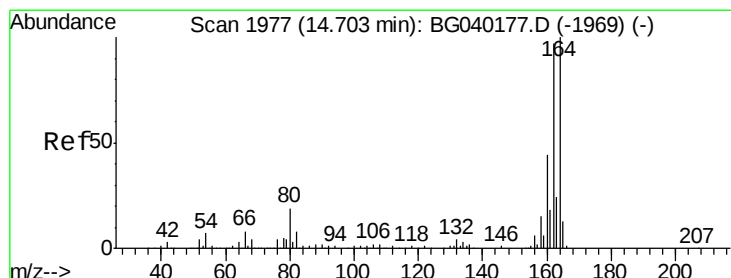
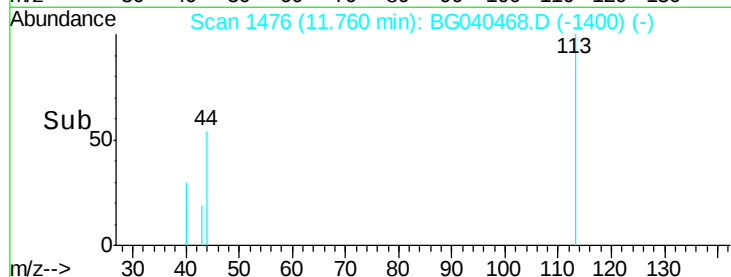
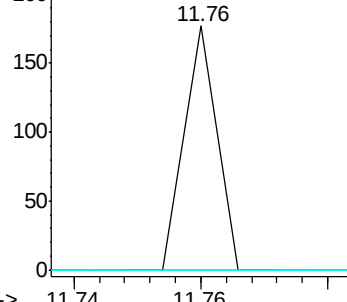
56 0.0 131.3 171.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

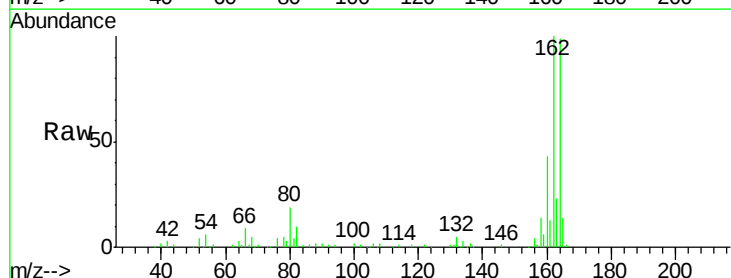
Tgt Ion:164 Resp: 97616

Ion Ratio Lower Upper

164 100

162 100.8 77.4 116.2

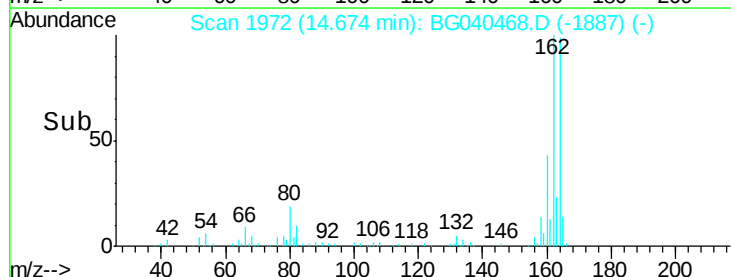
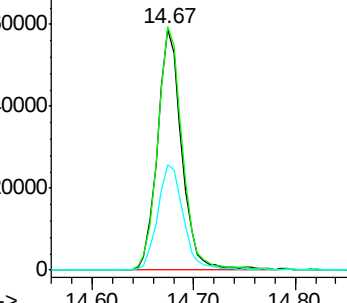
160 43.4 35.3 52.9

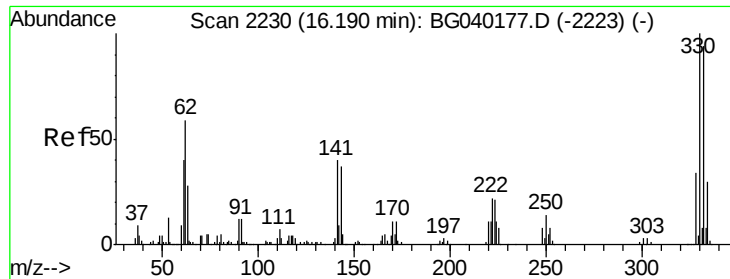


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

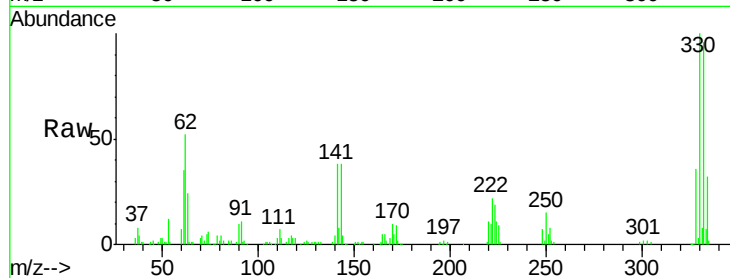




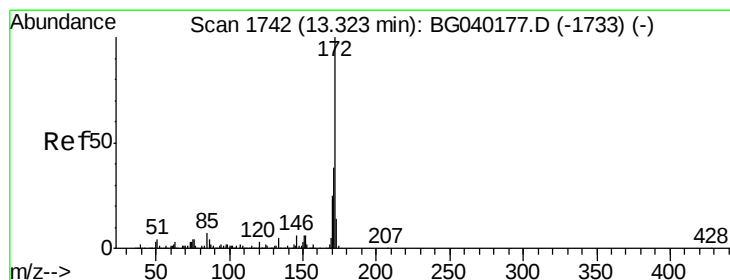
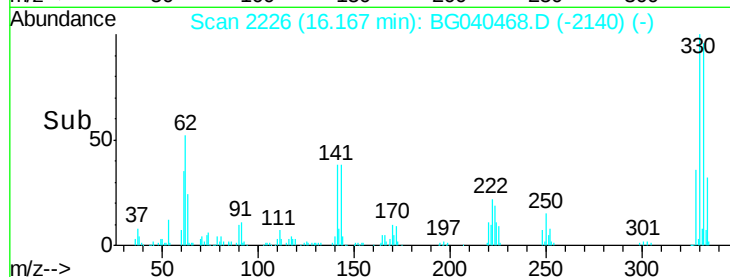
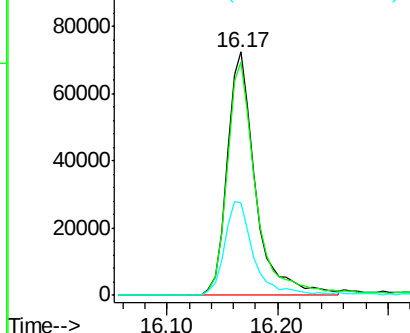
#42
 2,4,6-Tribromophenol
 Concen: 123.324 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.6	115.0
141	39.5	32.6	48.8

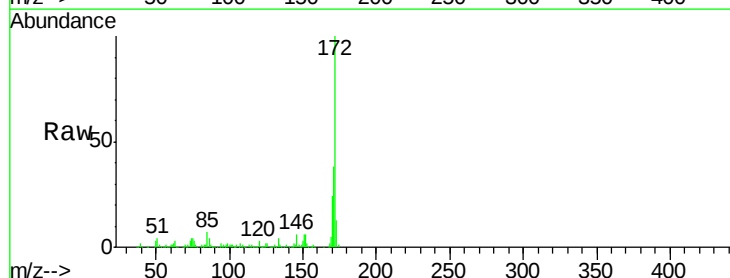


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

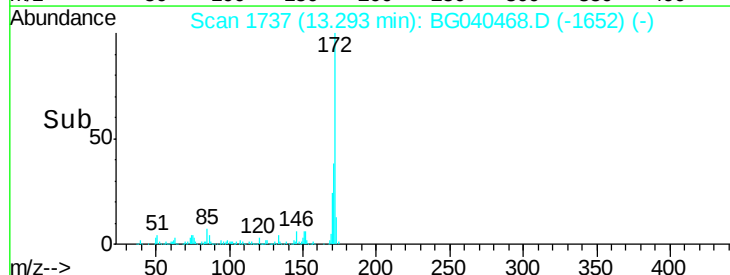
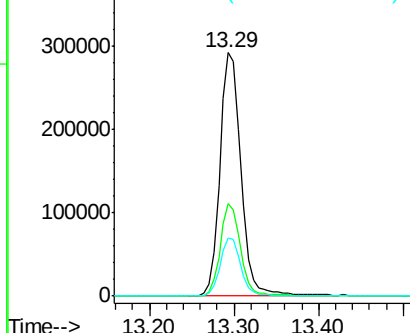


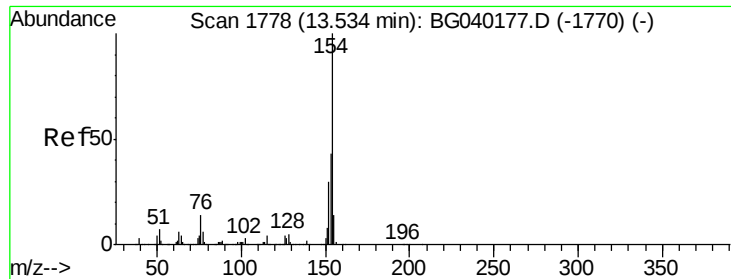
#45
 2-Fluorobiphenyl
 Concen: 76.999 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.5	45.7
170	23.6	20.1	30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

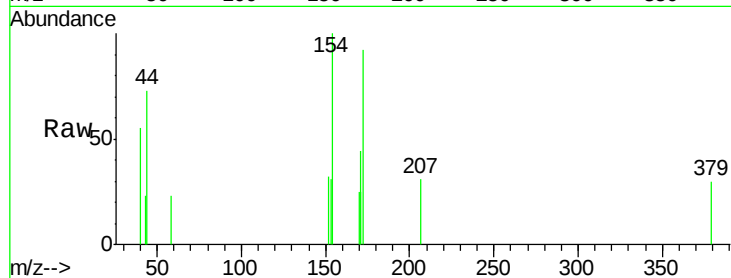




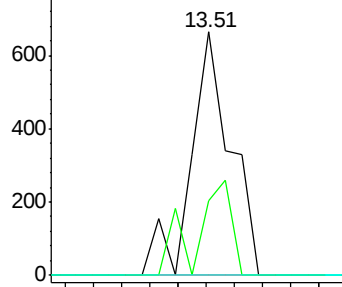
#46
 1,1'-Biphenyl
 Concen: 0.083 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

Instrument :
 BNA_G
 ClientSampleId :

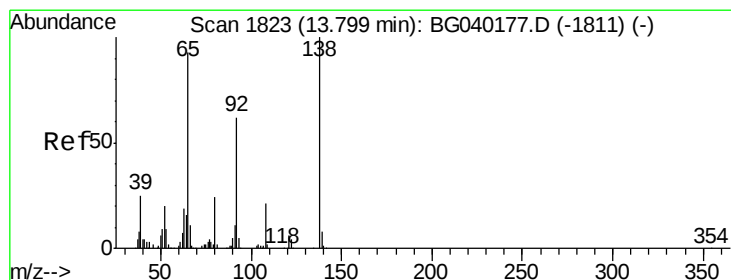
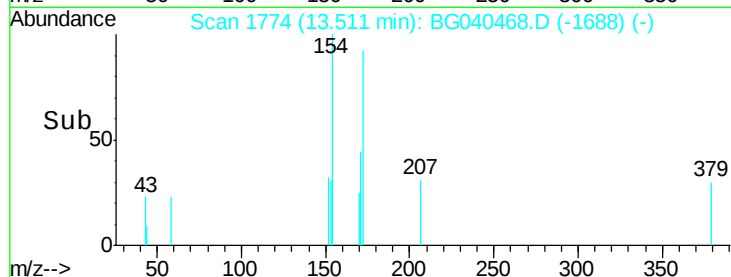
Tot Ion	Ratio	Lower	Upper
154	100		
153	30.6	22.5	62.5
76	0.0	0.0	33.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

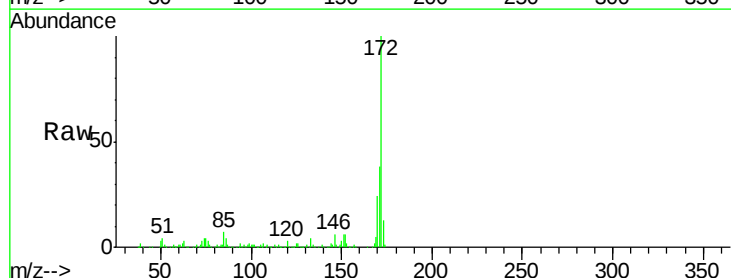


Time-->

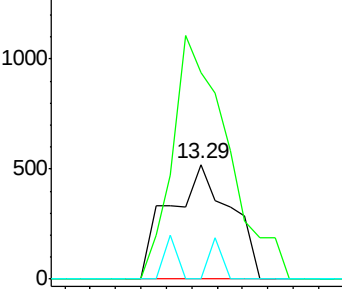


#48
 2-Nitroaniline
 Concen: 0.438 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.51 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

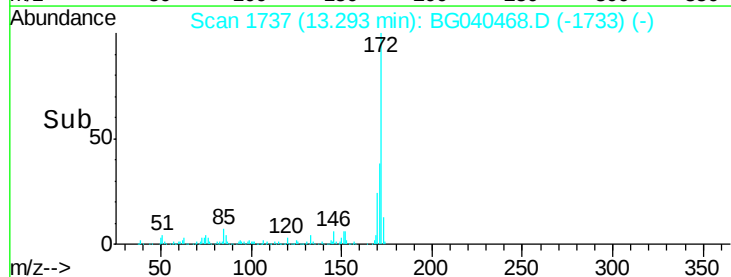
Tgt Ion	Ratio	Lower	Upper
65	100		
92	179.5	53.8	80.6#
138	0.0	86.3	129.5#

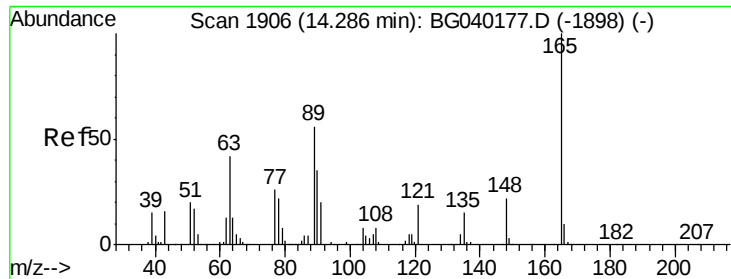


Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E



Time-->





#51

2,6-Dinitrotoluene

Concen: 7.402 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.39 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

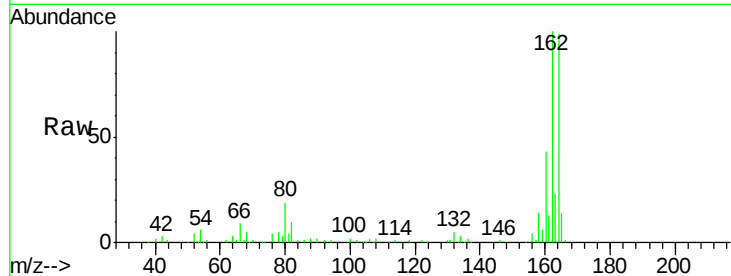
Tot Ion:165 Resp: 12698

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

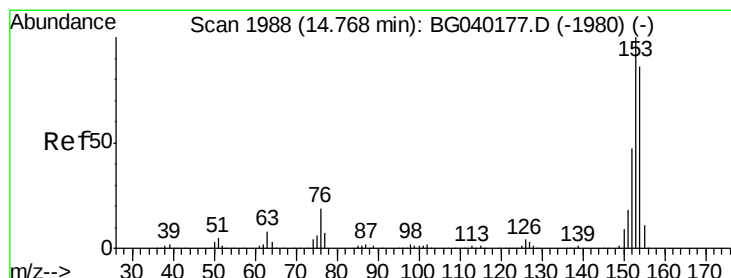
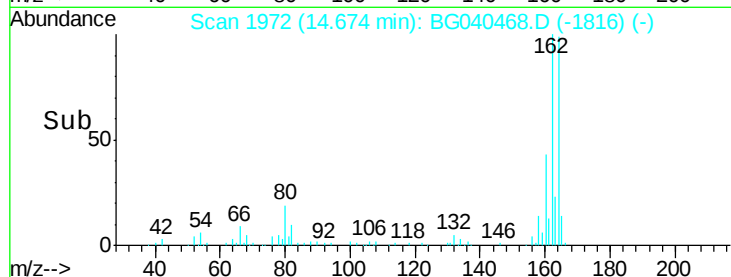
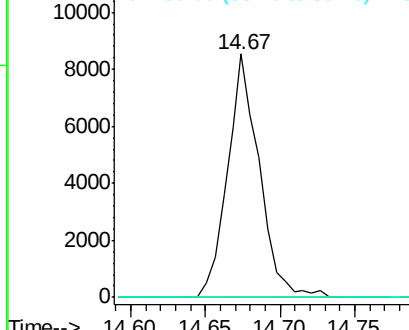
89 0.0 44.9 67.3#



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: 0.047 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.09 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

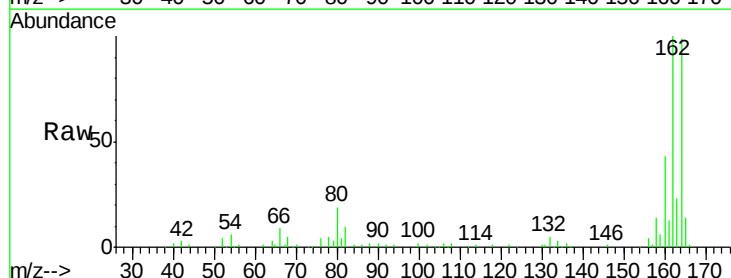
Tgt Ion:154 Resp: 269

Ion Ratio Lower Upper

154 100

153 0.0 92.8 139.2#

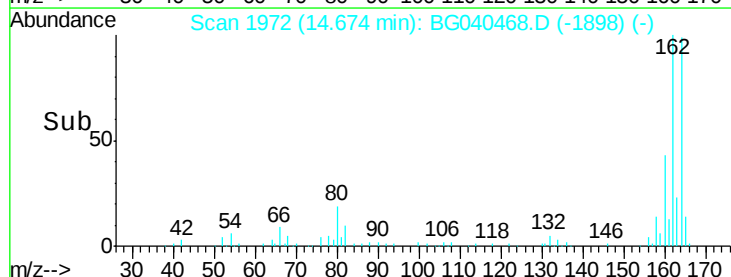
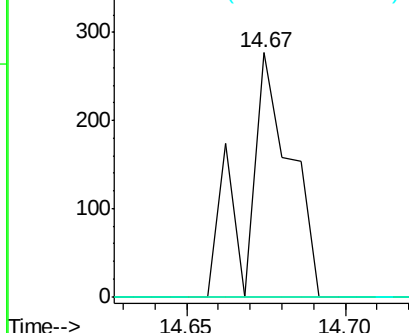
152 0.0 43.4 65.2#

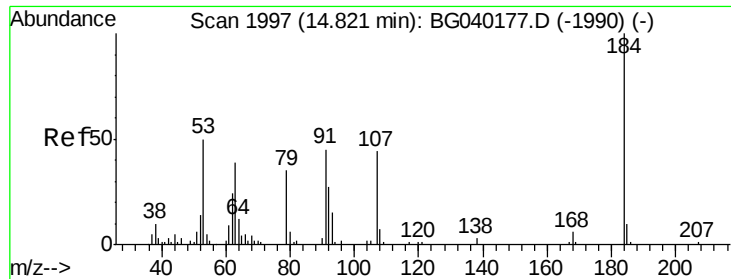


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

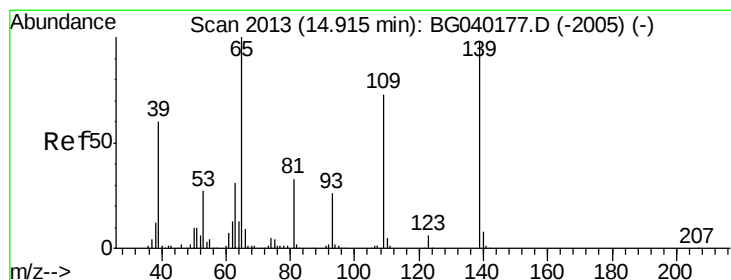
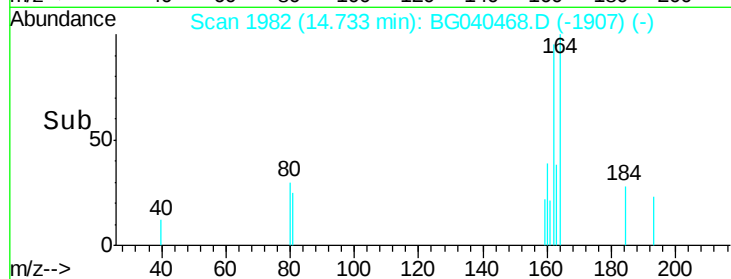
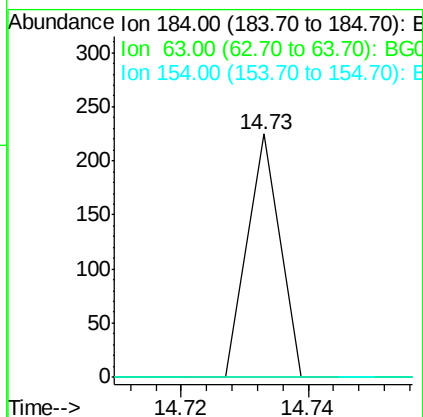
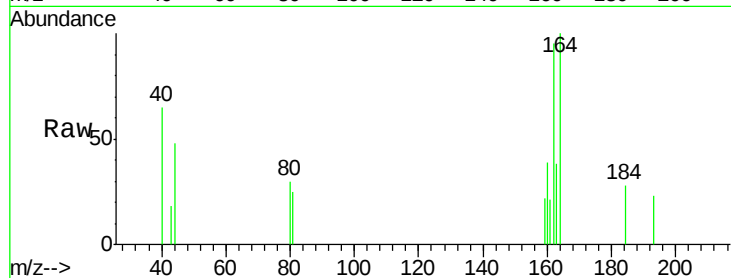




#54
 2,4-Dinitrophenol
 Concen: 0.087 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.09 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

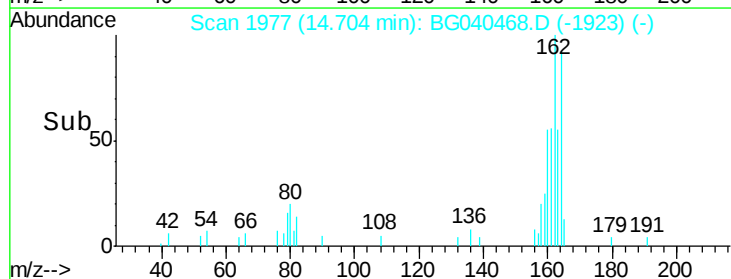
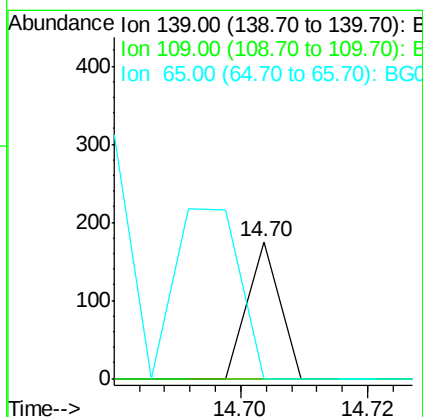
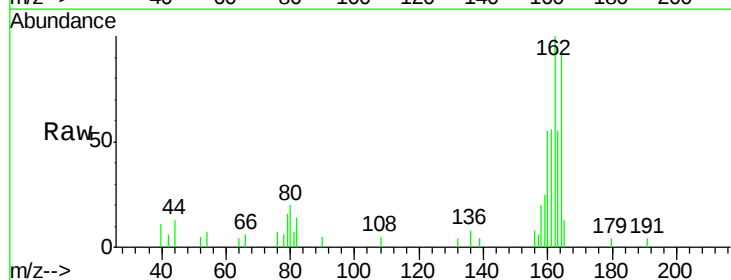
Instrument :
 BNA_G
 ClientSampleId :

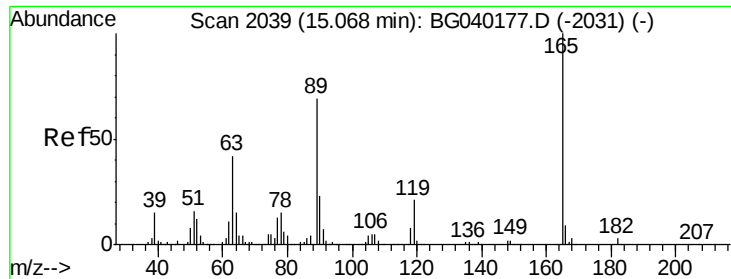
Tot Ion:184 Resp: 79
 Ion Ratio Lower Upper
 184 100
 63 0.0 51.8 77.8#
 154 0.0 50.9 76.3#



#56
 4-Nitrophenol
 Concen: 0.042 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. -0.21 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

Tgt Ion:139 Resp: 62
 Ion Ratio Lower Upper
 139 100
 109 0.0 54.3 94.3#
 65 0.0 82.5 122.5#

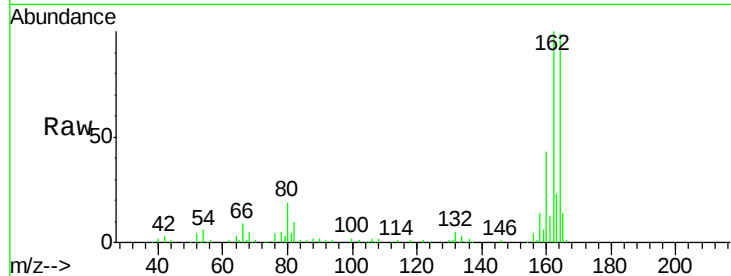




#57
2,4-Dinitrotoluene
Concen: 5.327 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.39 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#

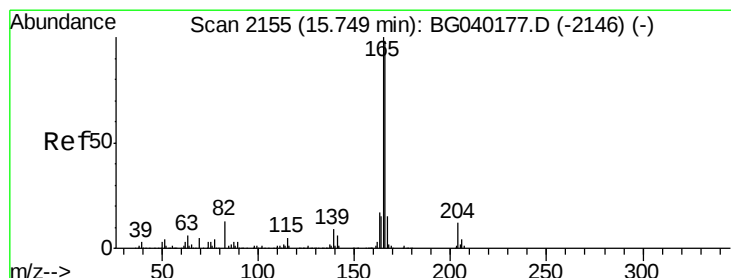
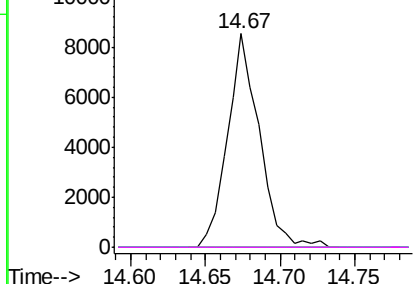
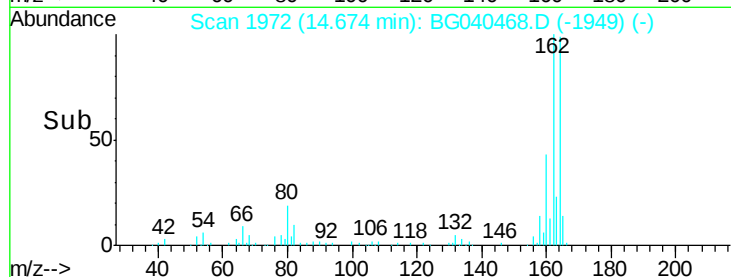


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

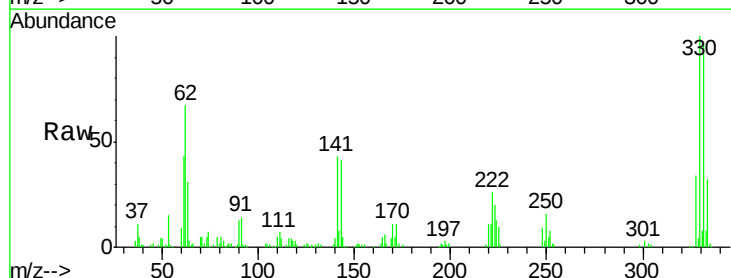
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 0.880 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.41 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

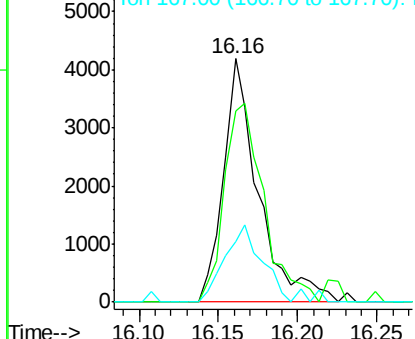
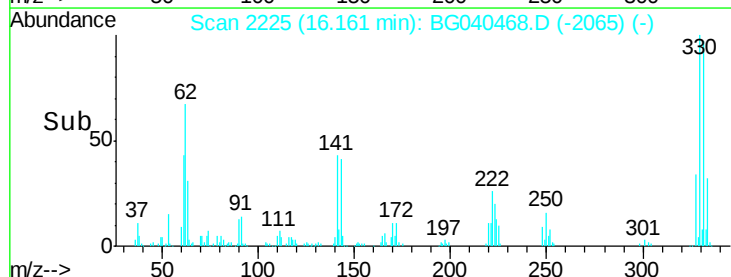
Tgt Ion	Ratio	Lower	Upper
166	100		
165	78.5	81.7	122.5#
167	24.6	11.9	17.9#

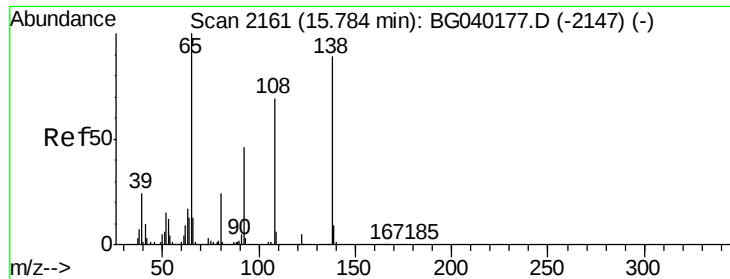


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

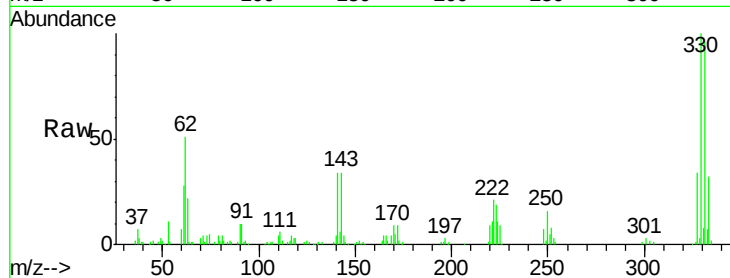




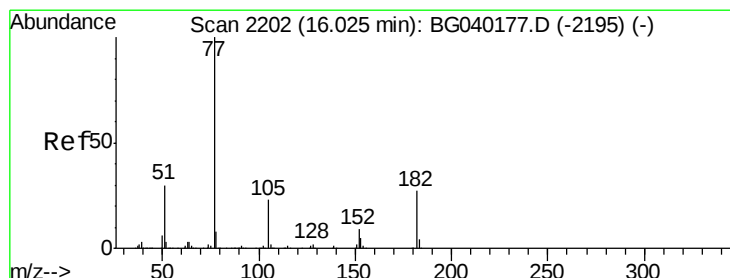
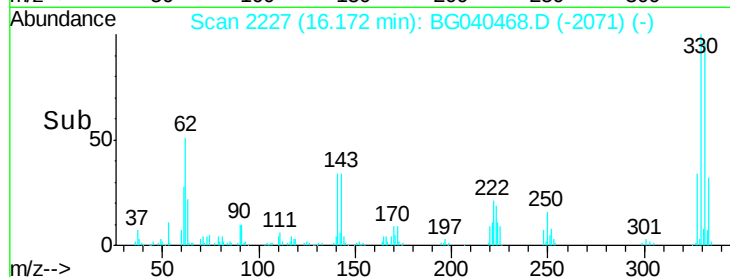
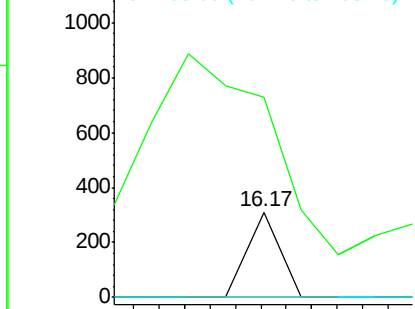
#62
4-Nitroaniline
Concen: 0.056 ng
RT: 16.17 min Scan# 2227
Delta R.T. 0.39 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 110
Ion Ratio Lower Upper
138 100
92 234.1 31.8 71.8#
108 0.0 57.2 97.2#

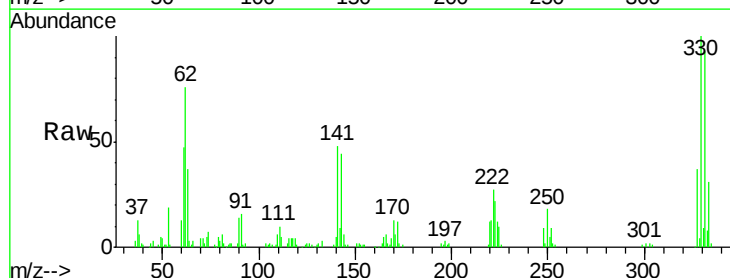


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

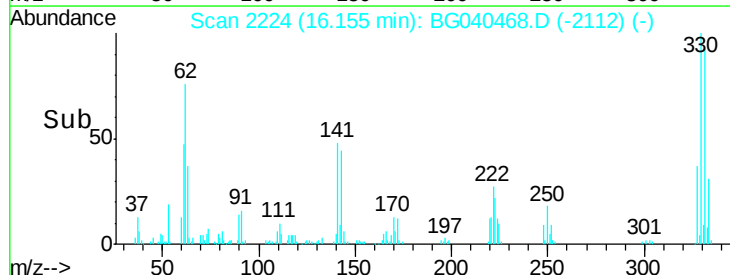
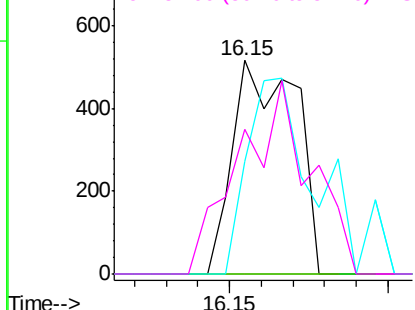


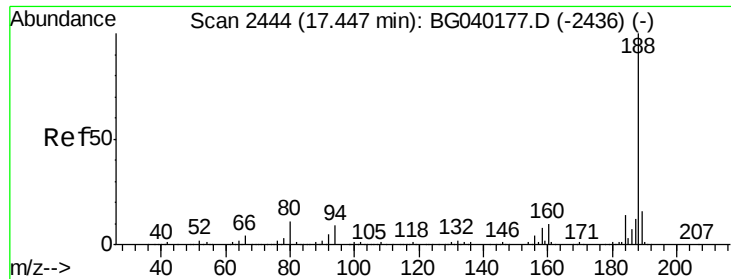
#63
Azobenzene
Concen: 0.097 ng
RT: 16.15 min Scan# 2224
Delta R.T. 0.13 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion: 77 Resp: 713
Ion Ratio Lower Upper
77 100
182 0.0 7.2 47.2#
105 184.5 2.8 42.8#
51 67.9 10.4 50.4#



Abundance Ion 77.00 (76.70 to 77.70): BG
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): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

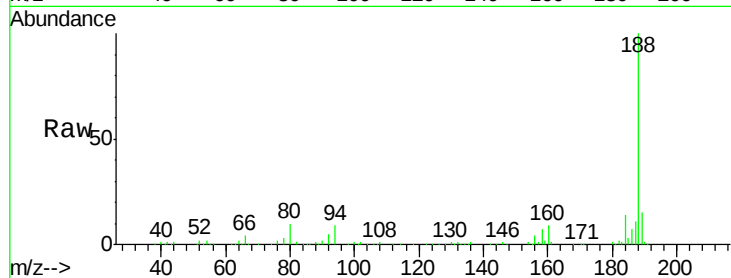
Tot Ion:188 Resp: 270550

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

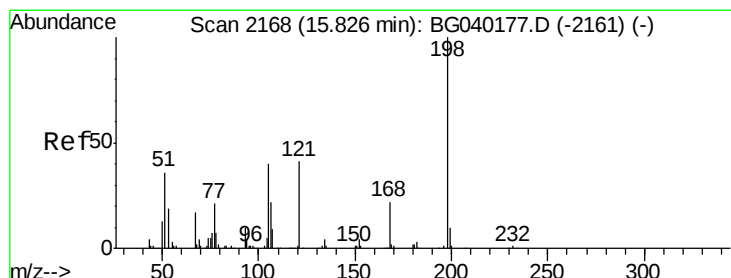
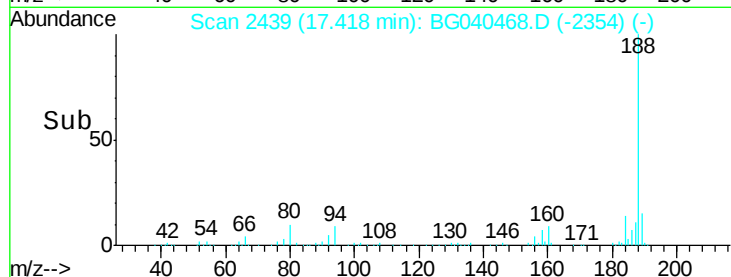
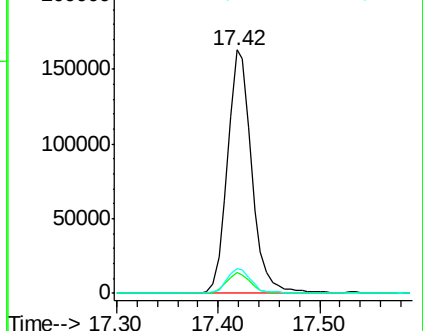
80 10.4 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 0.086 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.32 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

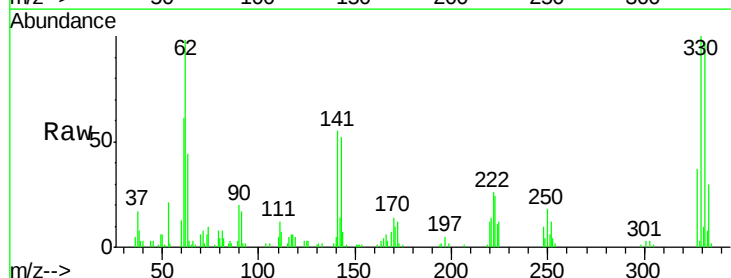
Tgt Ion:198 Resp: 130

Ion Ratio Lower Upper

198 100

51 50.1 27.3 67.3

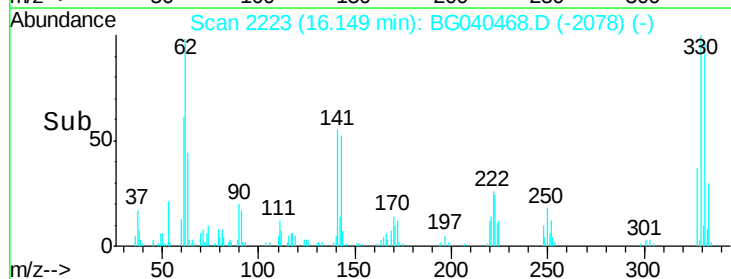
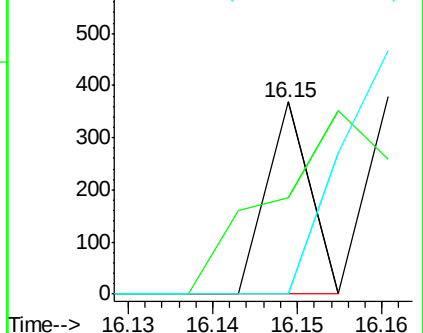
105 0.0 21.7 61.7#

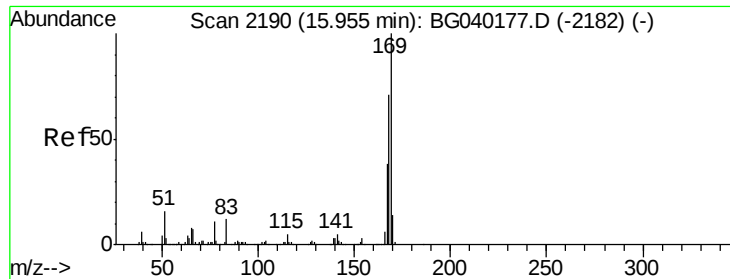


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

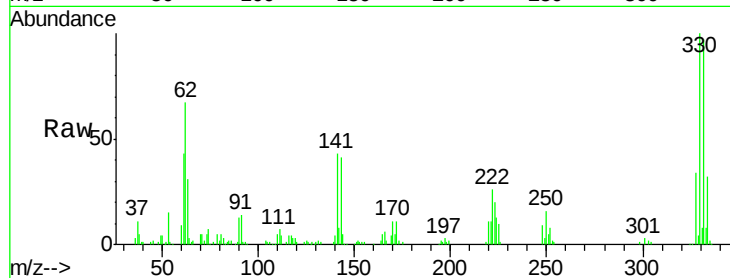




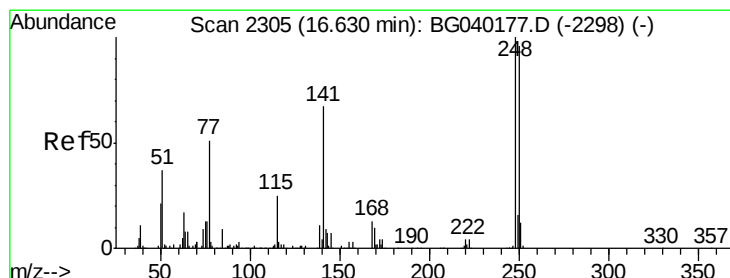
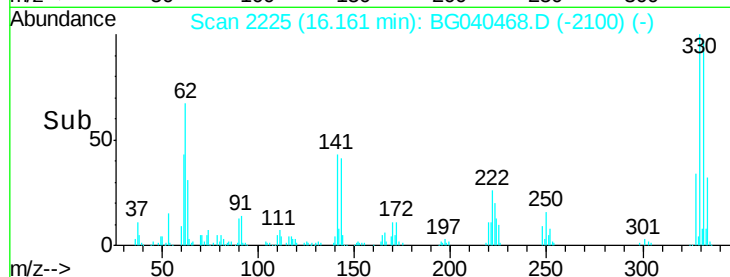
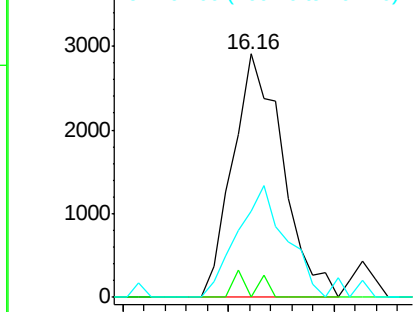
#66
 n-Nitrosodiphenylamine
 Concen: 0.603 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.21 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 4772
 Ion Ratio Lower Upper
 169 100
 168 0.0 56.8 85.2#
 167 35.5 30.2 45.4

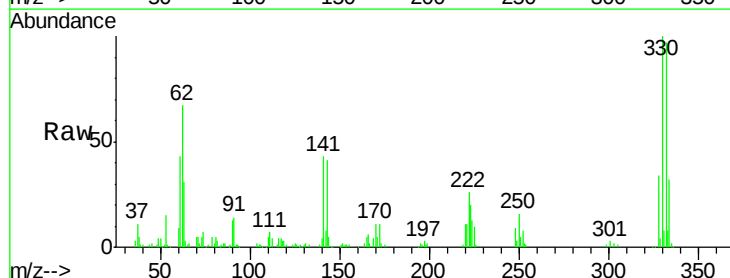


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

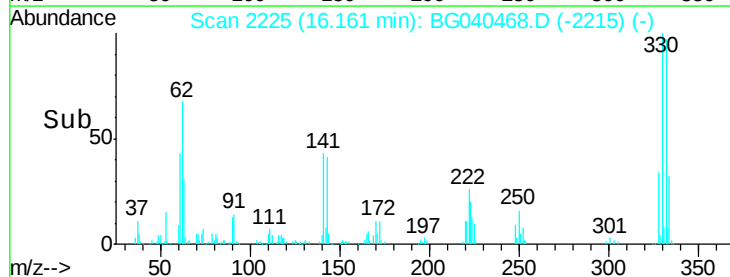
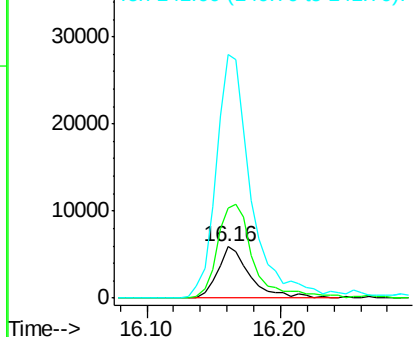


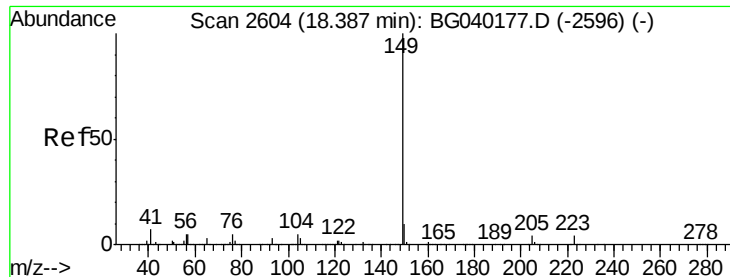
#67
 4-Bromophenyl-phenylether
 Concen: 3.290 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.47 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

Tgt Ion:248 Resp: 10018
 Ion Ratio Lower Upper
 248 100
 250 227.4 76.4 114.6#
 141 476.9 53.8 80.8#



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





#74

Di-n-butylphthalate

Concen: 0.008 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.02 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

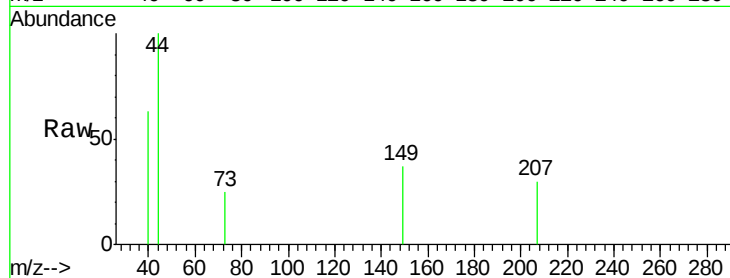
Tot Ion:149 Resp: 121

Ion Ratio Lower Upper

149 100

150 0.0 7.9 11.9#

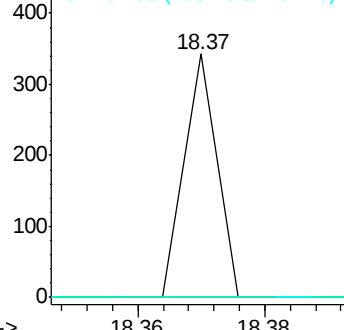
104 0.0 4.1 6.1#



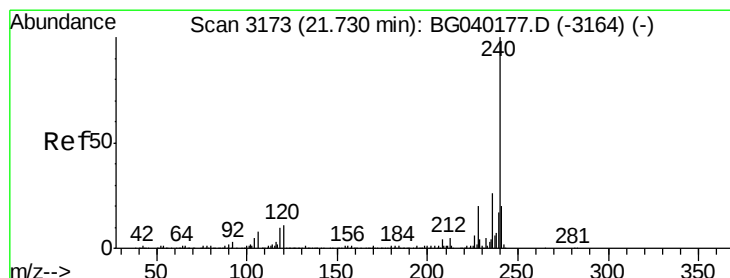
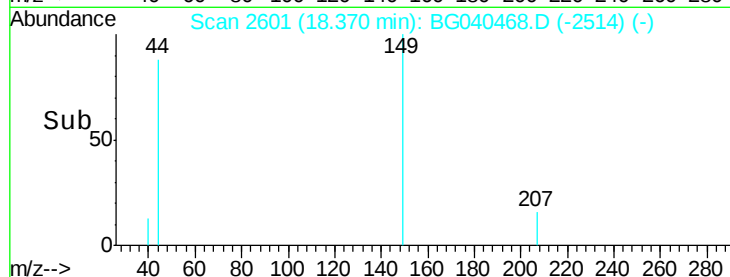
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

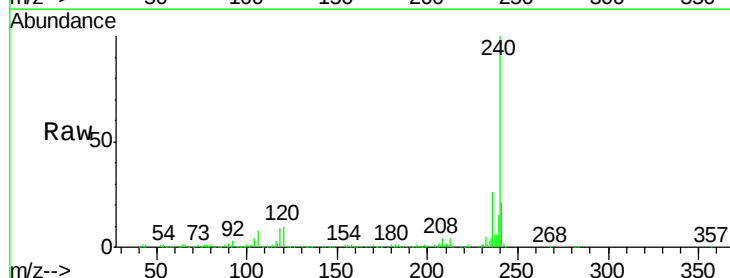
Tgt Ion:240 Resp: 321147

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

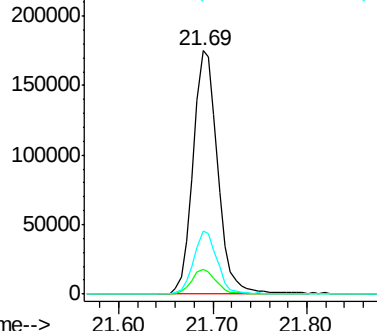
236 25.8 20.8 31.2



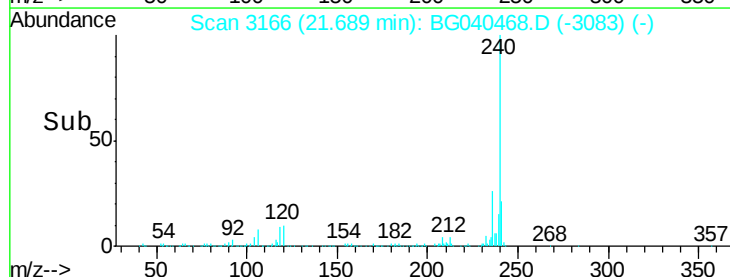
Abundance Ion 240.00 (239.70 to 240.70): E

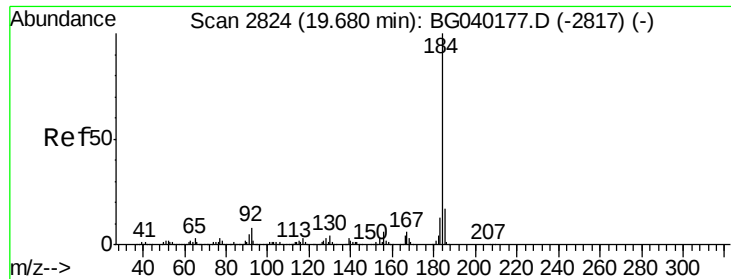
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 1.321 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.34 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

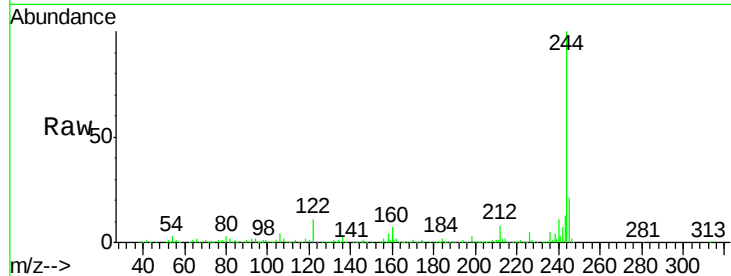
Tot Ion:184 Resp: 15320

Ion Ratio Lower Upper

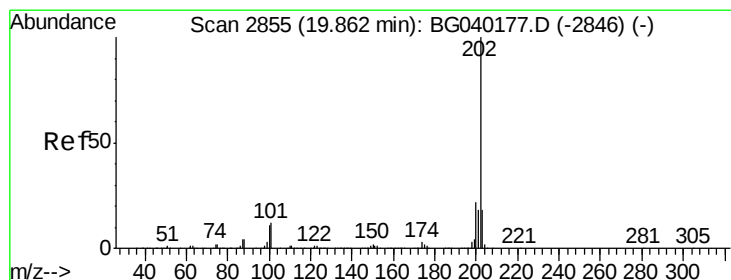
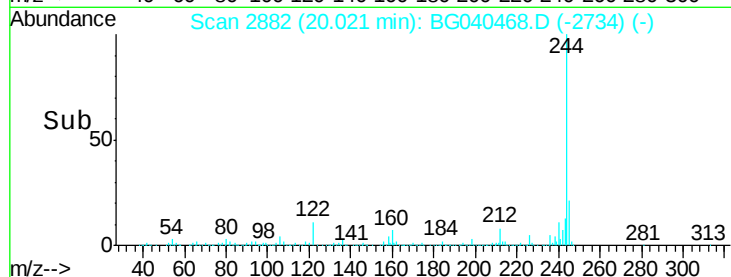
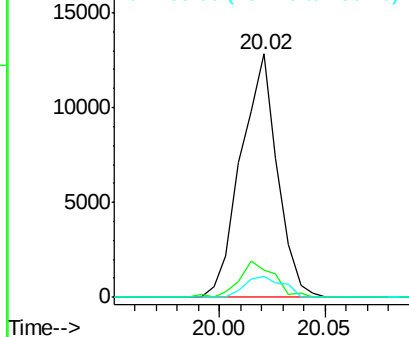
184 100

185 11.0 13.3 19.9#

183 8.6 10.3 15.5#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.166 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.16 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

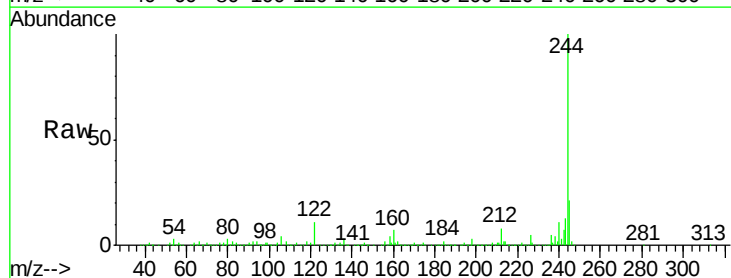
Tgt Ion:202 Resp: 3511

Ion Ratio Lower Upper

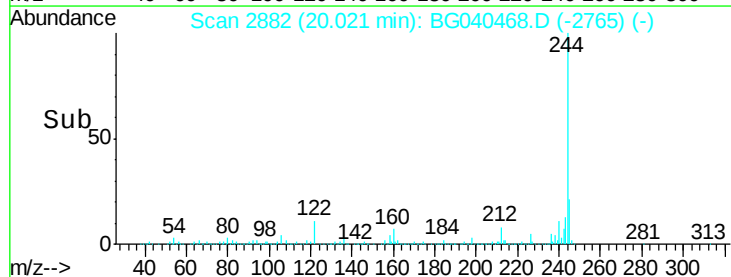
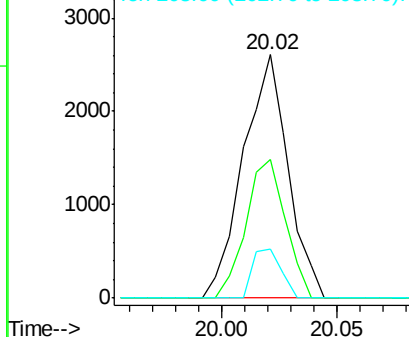
202 100

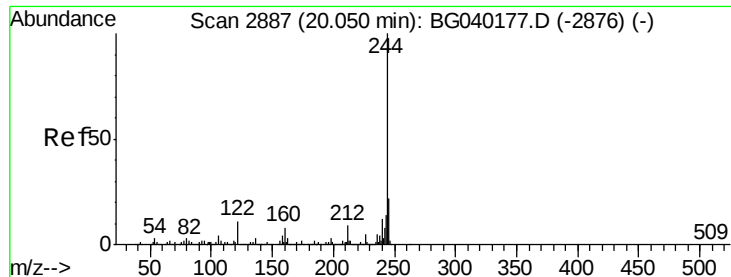
200 57.2 17.3 25.9#

203 20.0 14.6 22.0



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: 68.979 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

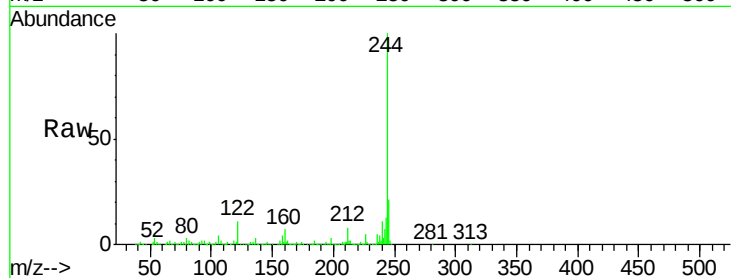
Tot Ion:244 Resp: 984696

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.6

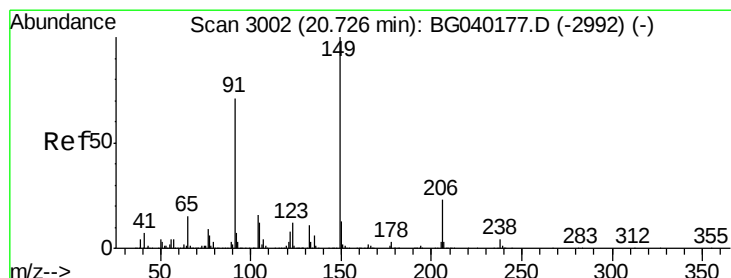
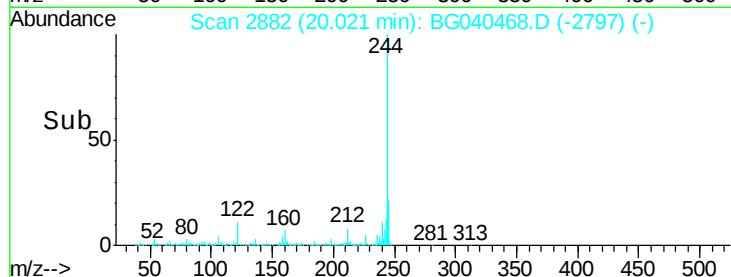
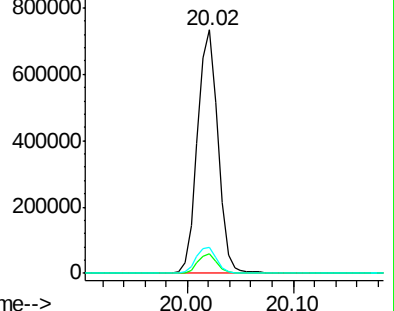
122 10.6 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.008 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.05 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

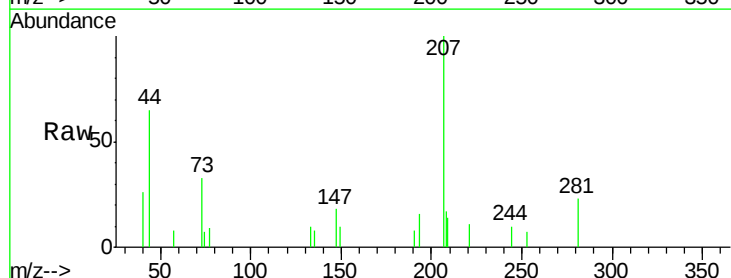
Tgt Ion:149 Resp: 74

Ion Ratio Lower Upper

149 100

91 0.0 57.0 85.4#

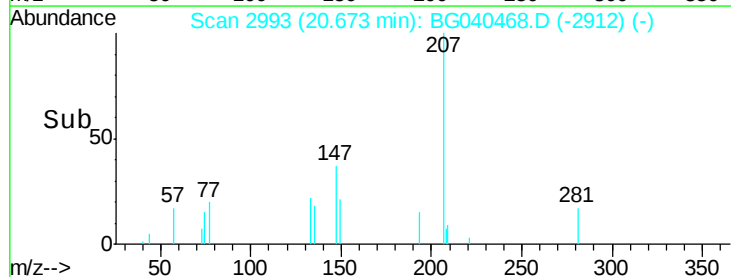
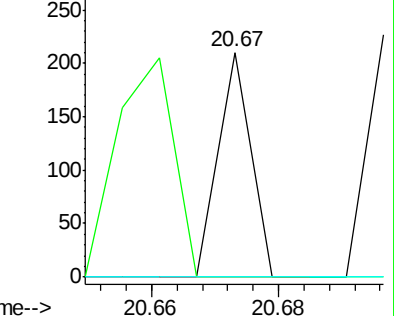
206 0.0 18.2 27.4#

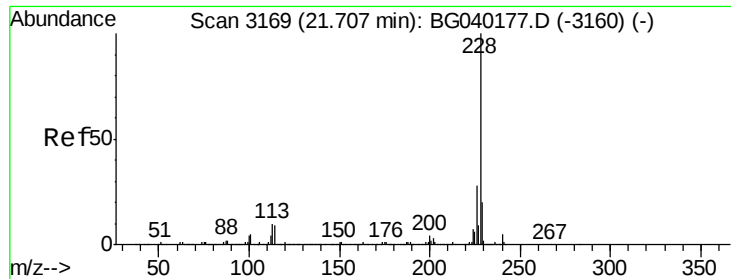


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

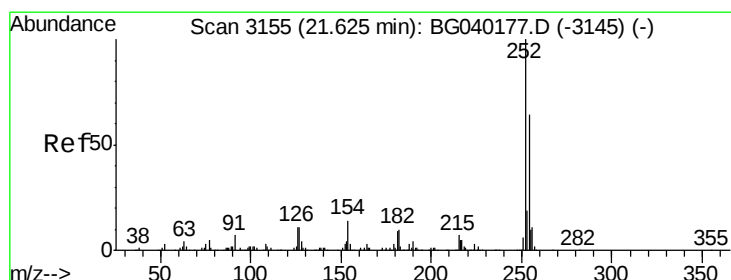
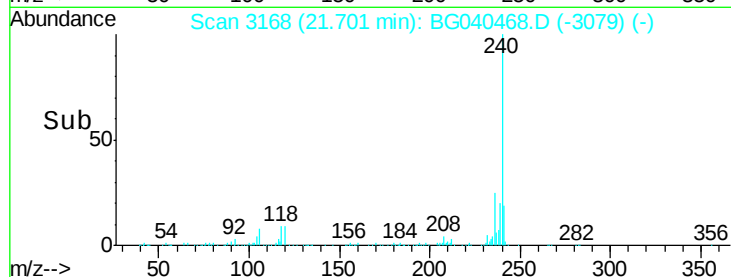
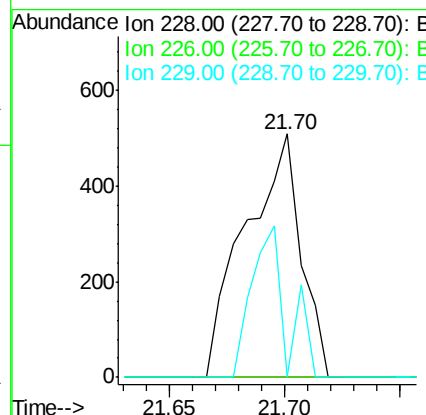
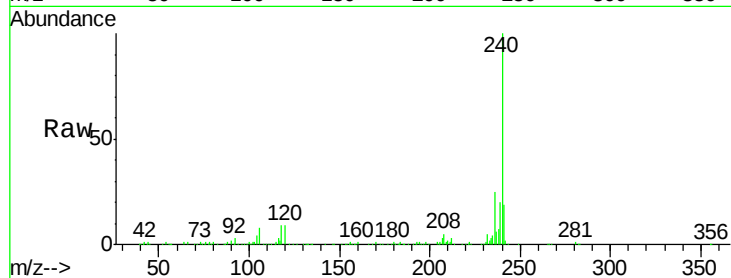




#81
Benzo(a)anthracene
Concen: 0.043 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

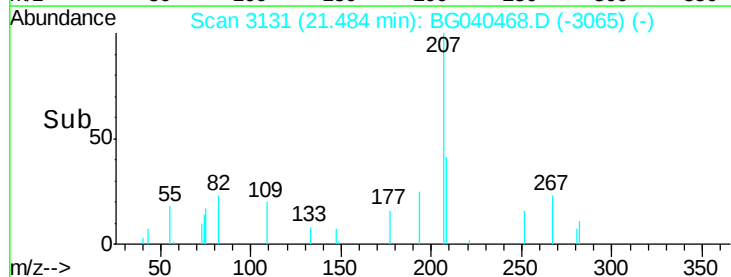
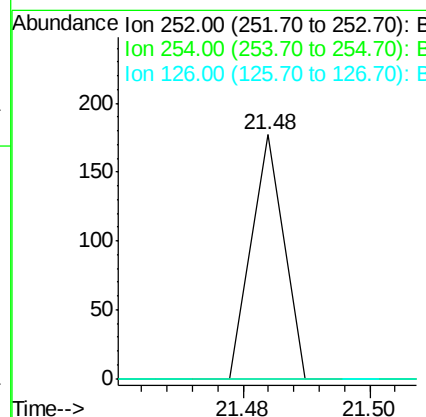
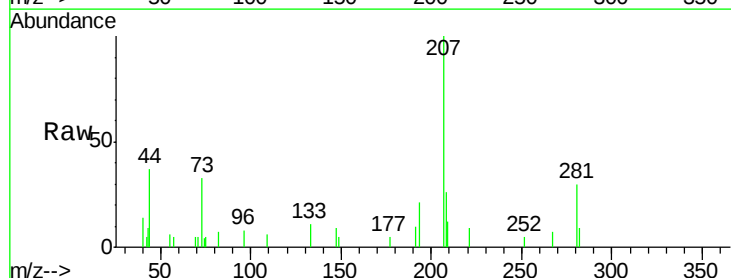
Instrument :
BNA_G
ClientSampleId :

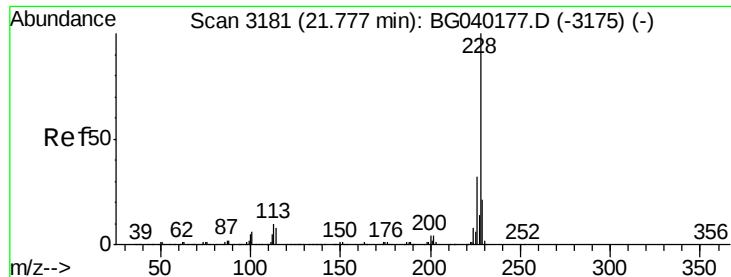
Tot Ion:228 Resp: 853
Ion Ratio Lower Upper
228 100
226 0.0 22.6 34.0#
229 0.0 16.1 24.1#



#82
3,3'-Dichlorobenzidine
Concen: 0.008 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.14 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:252 Resp: 62
Ion Ratio Lower Upper
252 100
254 0.0 51.4 77.2#
126 0.0 8.5 12.7#

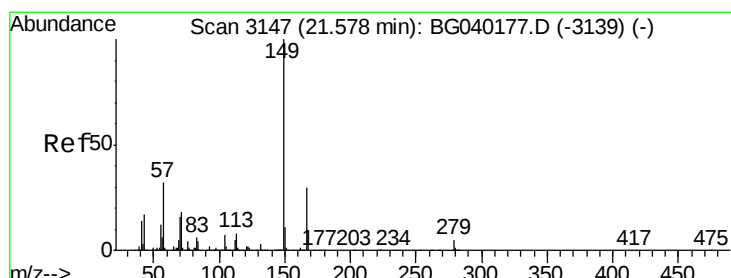
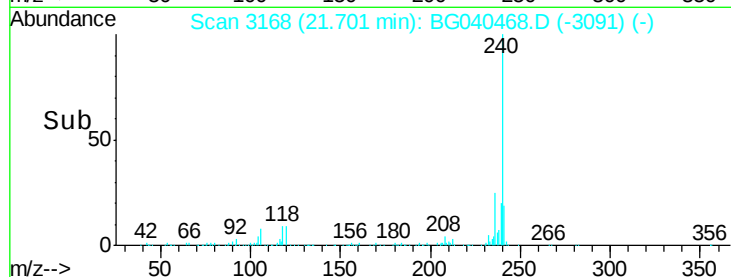
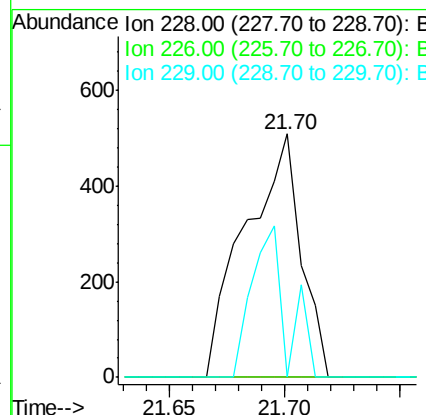
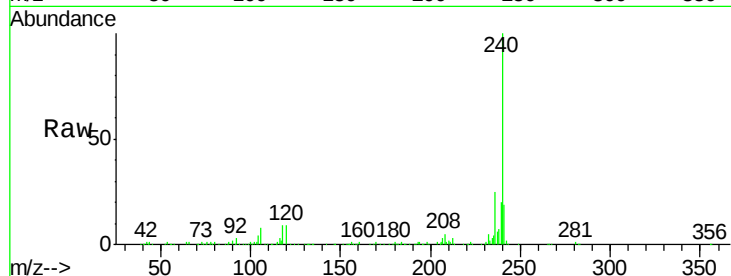




#83
 Chrysene
 Concen: 0.045 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.08 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

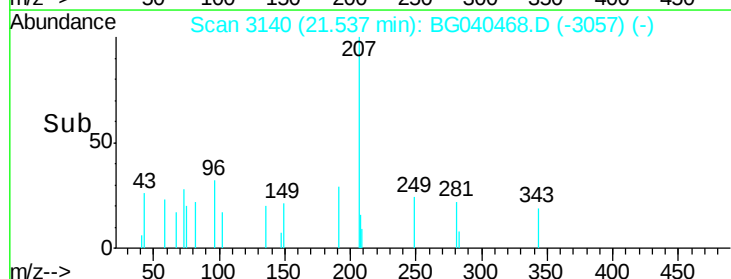
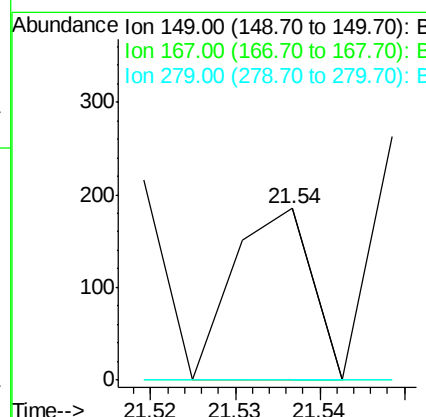
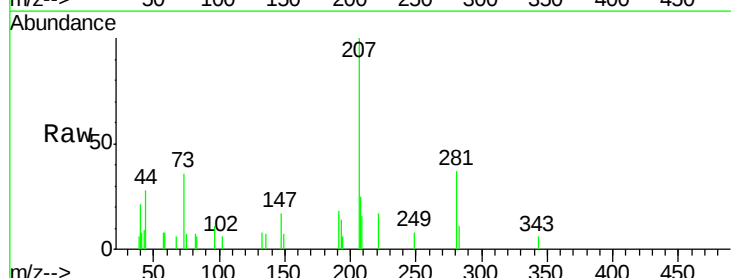
Instrument :
 BNA_G
 ClientSampleId :

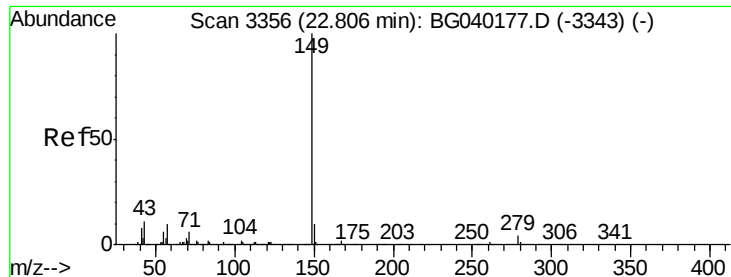
Tot Ion:228 Resp: 853
 Ion Ratio Lower Upper
 228 100
 226 0.0 25.4 38.0#
 229 0.0 17.0 25.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.009 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.04 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

Tgt Ion:149 Resp: 118
 Ion Ratio Lower Upper
 149 100
 167 0.0 24.1 36.1#
 279 0.0 4.1 6.1#





#85

Di-n-octyl phthalate

Concen: 0.014 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.04 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampled :

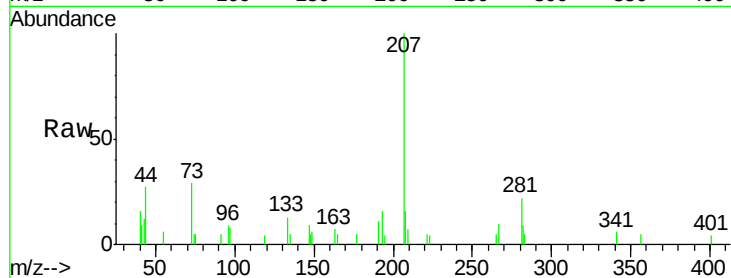
Tot Ion:149 Resp: 315

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

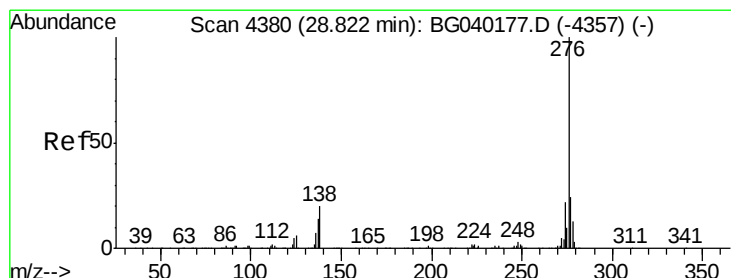
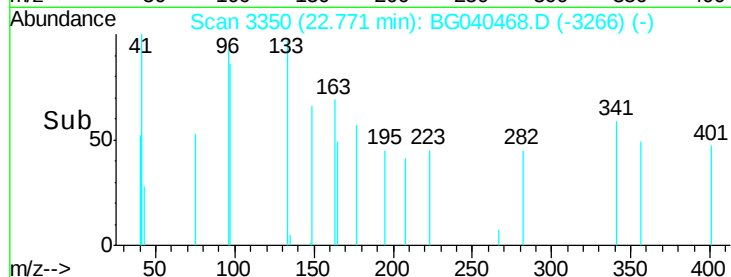
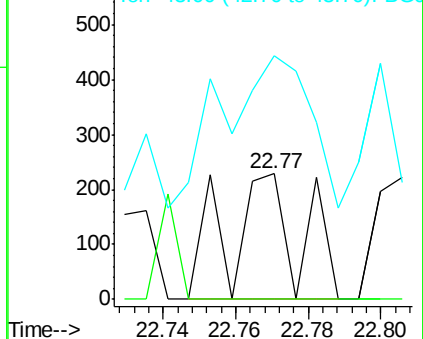
43 147.3 8.7 13.1#



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 28.76 min Scan# 4370

Delta R.T. -0.06 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

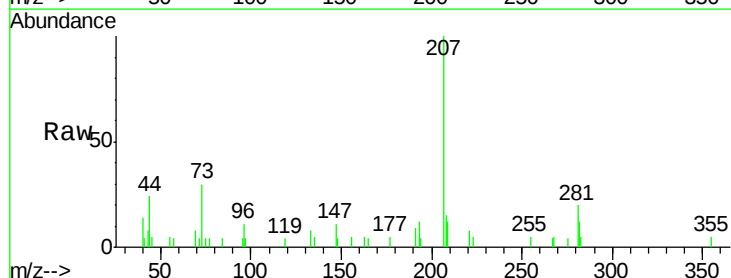
Tgt Ion:276 Resp: 56

Ion Ratio Lower Upper

276 100

138 0.0 18.8 28.2#

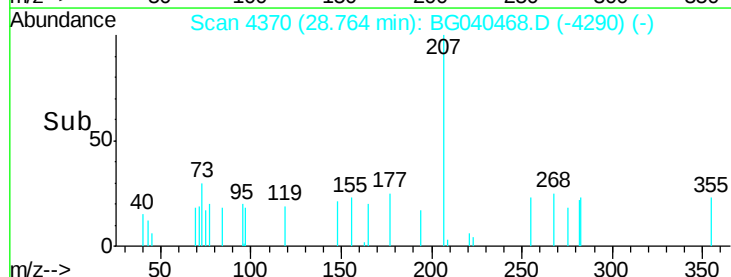
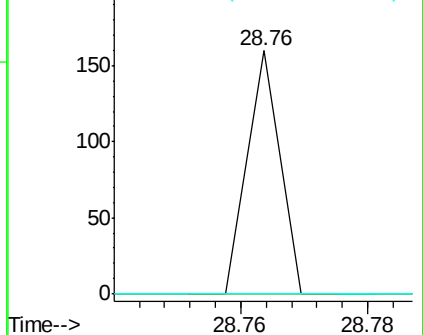
277 0.0 21.0 31.4#

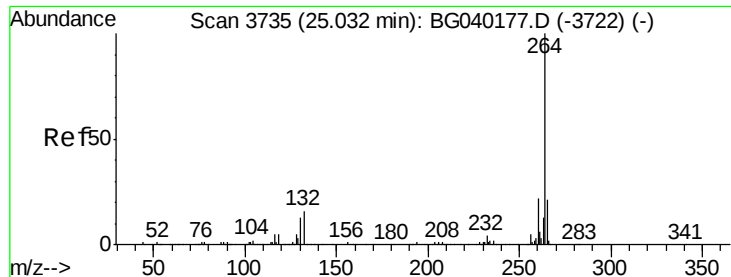


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

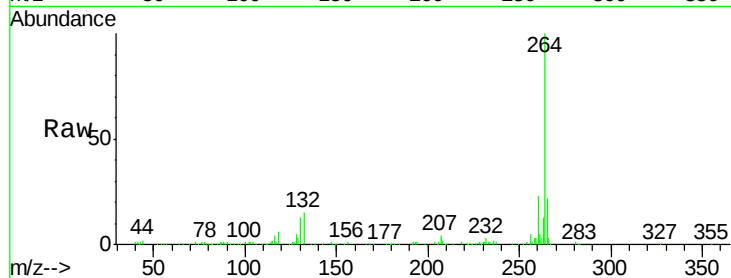
Tot Ion:264 Resp: 321957

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

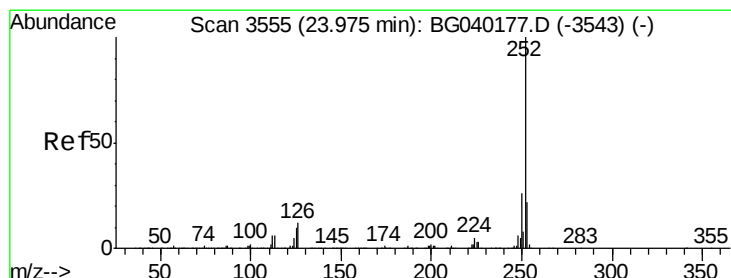
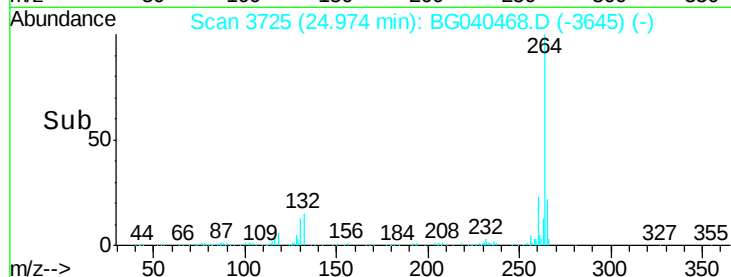
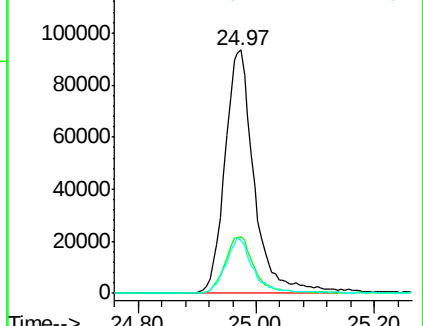
265 21.6 16.8 25.2



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: 0.006 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.06 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

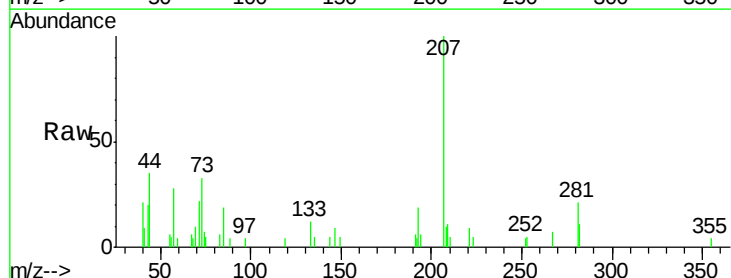
Tgt Ion:252 Resp: 126

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

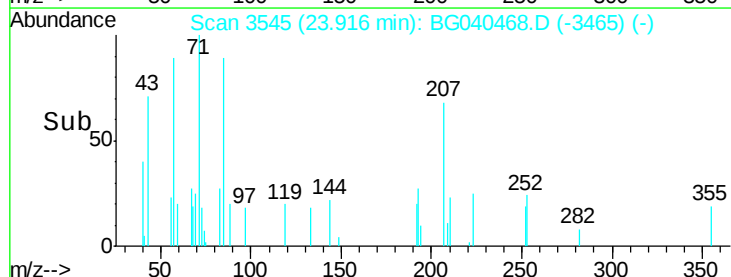
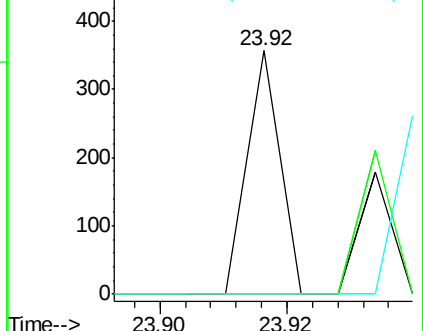
125 0.0 8.2 12.4#

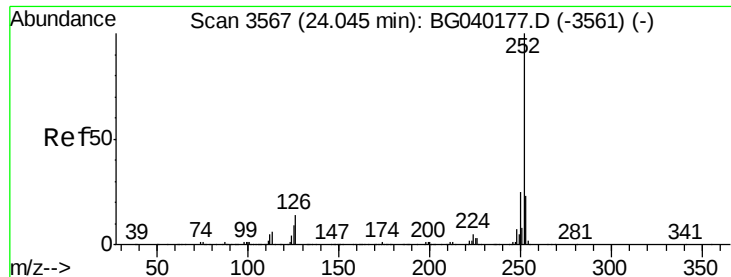


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

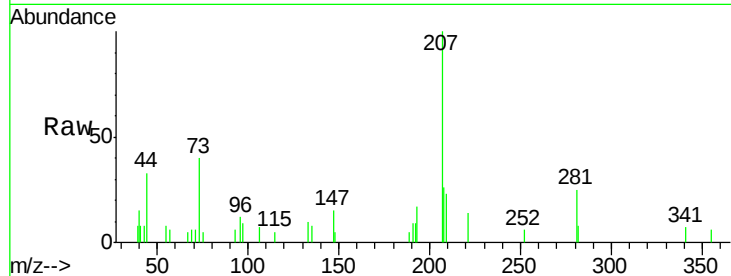




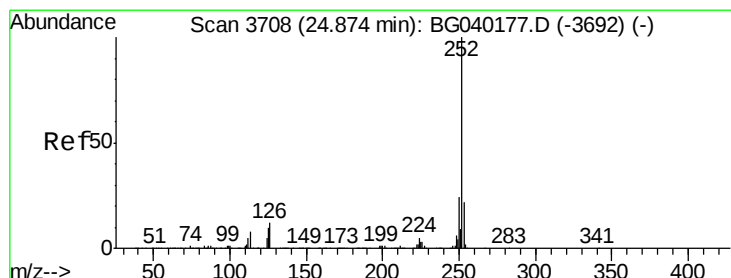
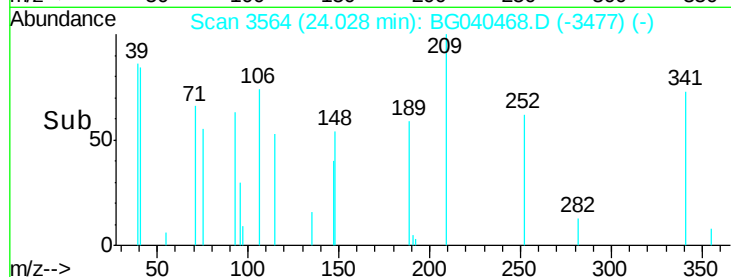
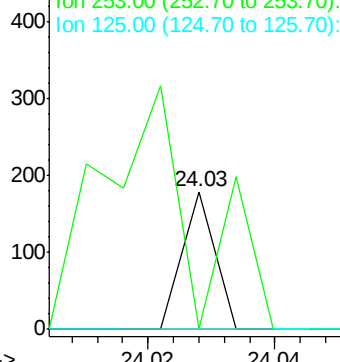
#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.02 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 63
Ion Ratio Lower Upper
252 100
253 0.0 18.6 28.0#
125 0.0 7.3 10.9#

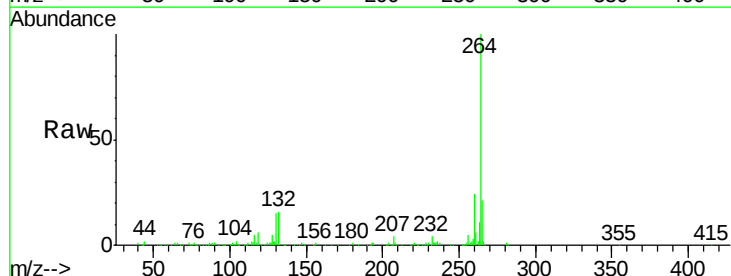


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

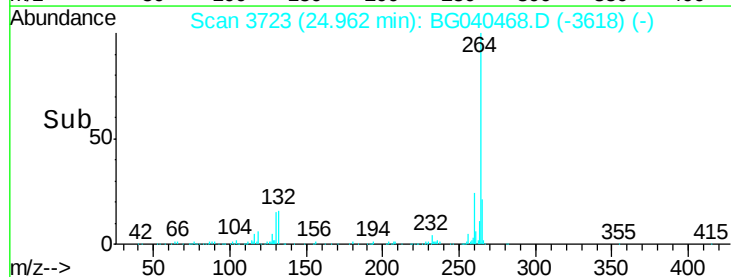
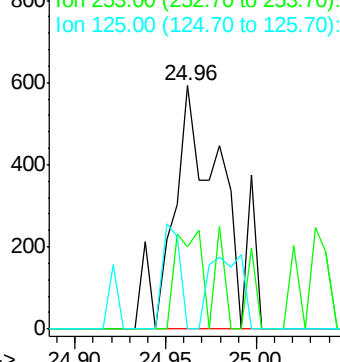


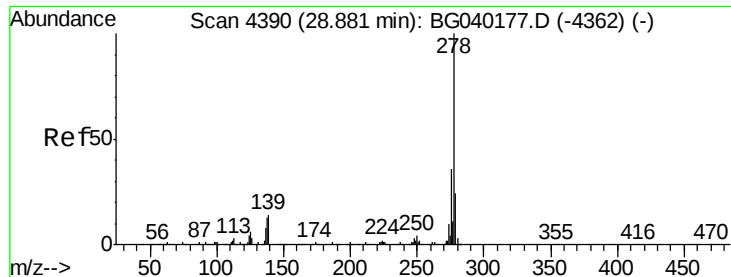
#90
Benzo(a)pyrene
Concen: 0.061 ng
RT: 24.96 min Scan# 3723
Delta R.T. 0.09 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:252 Resp: 1132
Ion Ratio Lower Upper
252 100
253 33.9 17.8 26.8#
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





#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.71 min Scan# 4361

Delta R.T. -0.17 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

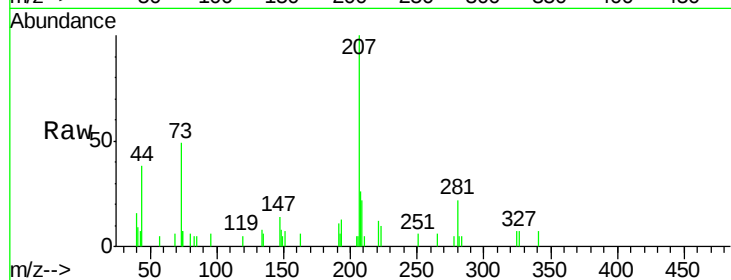
Tot Ion: 278 Resp: 53

Ion Ratio Lower Upper

278 100

139 0.0 11.2 16.8#

279 0.0 18.9 28.3#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

