

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040465.D
 Acq On : 12 Apr 2019 17:29
 Operator : JU/SJ
 Sample : K2311-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:42:18 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	41778	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	160204	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	103000	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	281291	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	316245	20.00	ng	-0.04
87) Perylene-d12	24.96	264	321693	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	157070	62.50	ng	-0.02
7) Phenol-d6	7.20	99	155763	44.85	ng	-0.02
23) Nitrobenzene-d5	9.22	82	258070	85.62	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	170721	153.37	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	573724	82.54	ng	-0.03
79) Terphenyl-d14	20.02	244	1101677	78.37	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	95	0.080	ng	# 79
3) Pyridine	4.31	79	72	0.023	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	102	0.069	ng	# 1
6) Aniline	7.56	93	276	0.061	ng	# 1
8) 2-Chlorophenol	7.59	128	121	0.041	ng	# 1
9) Benzaldehyde	7.20	77	91	0.038	ng	# 2
10) Phenol	7.23	94	3396	0.901	ng	# 49
11) bis(2-Chloroethyl)ether	7.56	93	276	0.091	ng	# 1
15) Benzyl Alcohol	8.36	79	3902	1.395	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.43	45	61	0.011	ng	# 73
19) n-Nitroso-di-n-propylamine	9.22	70	32877	13.203	ng	# 68
22) Acetophenone	8.88	105	2849	0.713	ng	# 91
24) Nitrobenzene	9.21	77	582	0.186	ng	# 38
25) Isophorone	9.55	82	233	0.038	ng	# 21
26) 2-Nitrophenol	9.60	139	68	0.046	ng	# 32
28) bis(2-Chloroethoxy)methane	10.39	93	72	0.020	ng	# 49
31) Naphthalene	10.91	128	311	0.038	ng	# 68
33) 4-Chloroaniline	11.01	127	60	0.017	ng	# 45
35) Caprolactam	11.81	113	57	0.056	ng	# 1
36) 4-Chloro-3-methylphenol	12.18	107	454	0.155	ng	# 20
37) 2-Methylnaphthalene	12.35	142	58	0.010	ng	# 15
38) 1-Methylnaphthalene	12.35	142	58	0.010	ng	# 6
46) 1,1'-Biphenyl	13.51	154	788	0.097	ng	# 86
48) 2-Nitroaniline	13.76	65	60	0.028	ng	# 4
49) Acenaphthylene	14.49	152	70	0.007	ng	# 59
50) Dimethylphthalate	14.12	163	47672	5.914	ng	# 99
51) 2,6-Dinitrotoluene	14.12	165	561	0.310	ng	# 33
52) Acenaphthene	14.68	154	400	0.066	ng	# 3
53) 3-Nitroaniline	14.84	138	75	0.039	ng	# 78
56) 4-Nitrophenol	14.81	139	137	0.089	ng	# 46
57) 2,4-Dinitrotoluene	14.67	165	12861	5.114	ng	# 27
58) Fluorene	16.17	166	7834	1.022	ng	# 93
60) Diethylphthalate	15.47	149	1968	0.239	ng	# 90
61) 4-Chlorophenyl-phenylether	15.94	204	443	0.108	ng	# 31

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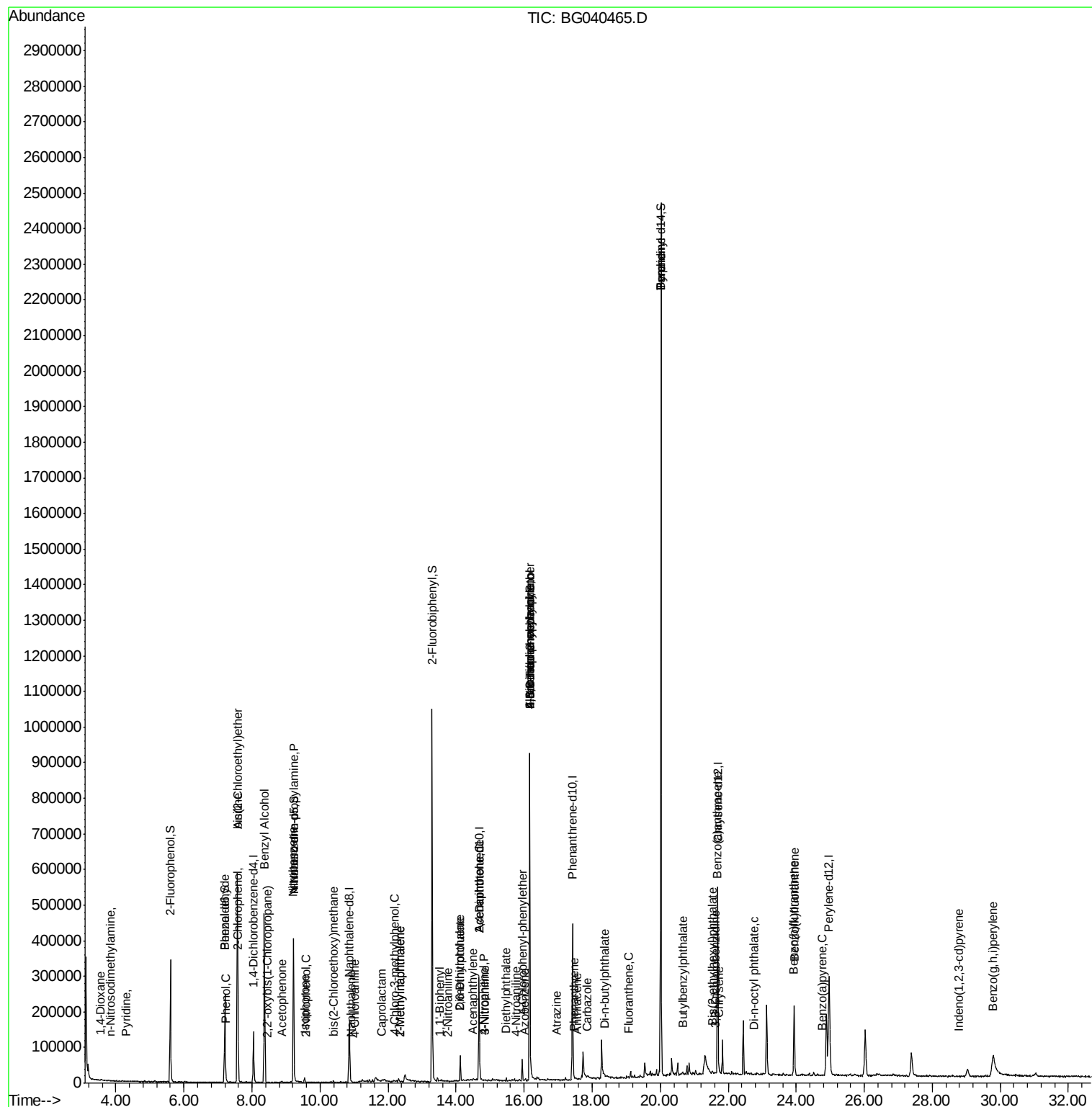
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 4-Nitroaniline	15.76	138	57	0.028	nq	# 17
63) Azobenzene	16.00	77	218	0.028	nq	# 35
65) 4,6-Dinitro-2-methylphenol	16.17	198	432	0.273	nq	# 1
66) n-Nitrosodiphenylamine	16.17	169	6443	0.783	nq	# 44
67) 4-Bromophenyl-phenylether	16.17	248	12641	3.993	nq	# 1
69) Atrazine	16.95	200	67	0.022	nq	# 34
71) Phenanthrene	17.47	178	365	0.025	nq	# 34
72) Anthracene	17.56	178	248	0.017	nq	# 31
73) Carbazole	17.83	167	197	0.014	nq	# 59
74) Di-n-butylphthalate	18.36	149	2661	0.160	nq	# 94
75) Fluoranthene	19.09	202	71	0.004	nq	# 63
77) Benzidine	20.02	184	18089	1.584	nq	# 93
78) Pyrene	20.02	202	4645	0.223	nq	# 76
80) Butylbenzylphthalate	20.67	149	454	0.051	nq	# 48
81) Benzo(a)anthracene	21.68	228	386	0.020	nq	# 53
82) 3,3'-Dichlorobenzidine	21.61	252	57	0.008	nq	# 26
83) Chrysene	21.72	228	72	0.004	nq	# 48
84) Bis(2-ethylhexyl)phthalate	21.54	149	2593	0.204	nq	# 88
85) Di-n-octyl phthalate	22.76	149	561	0.026	nq	# 67
86) Indeno(1,2,3-cd)pyrene	28.76	276	121	0.005	nq	# 50
88) Benzo(b)fluoranthene	23.92	252	140	0.007	nq	# 1
89) Benzo(k)fluoranthene	23.95	252	63	0.003	nq	# 1
90) Benzo(a)pyrene	24.78	252	55	0.003	nq	# 59
92) Benzo(g,h,i)perylene	29.79	276	60	0.003	nq	# 55

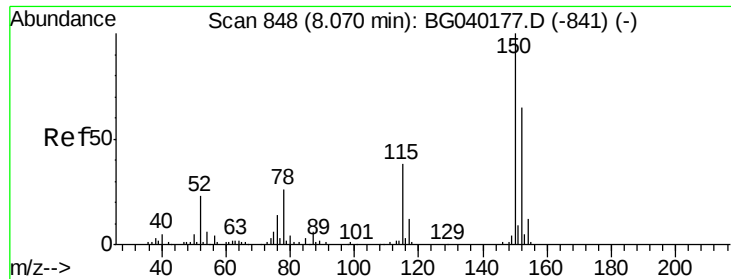
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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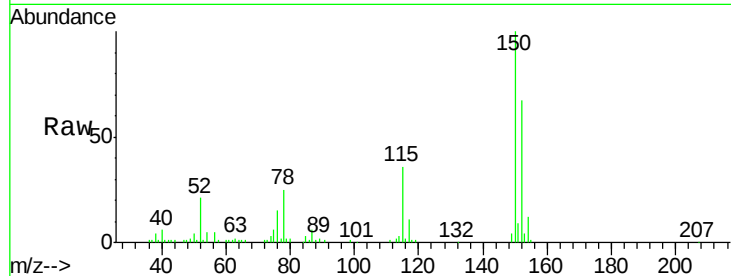


#1

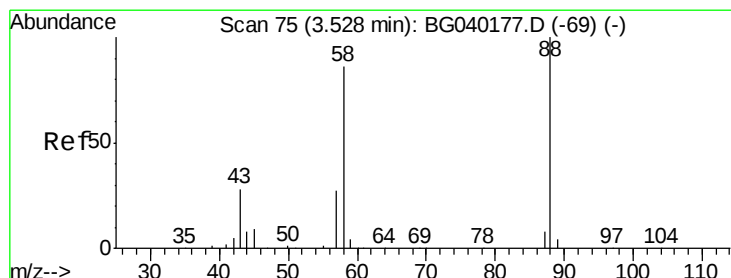
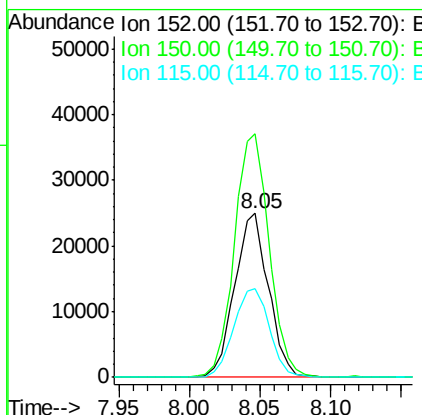
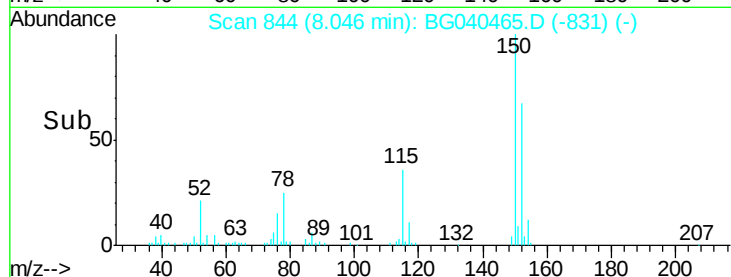
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 41778
Ion Ratio Lower Upper
152 100
150 148.4 123.7 185.5
115 54.1 46.9 70.3



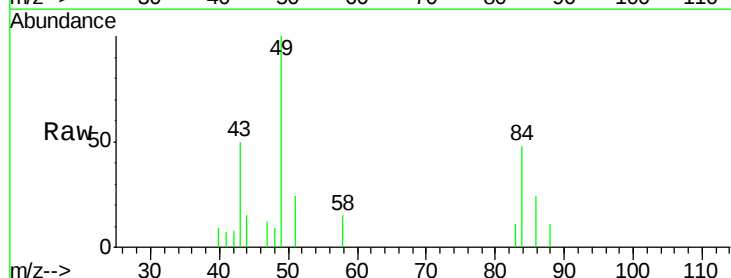
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



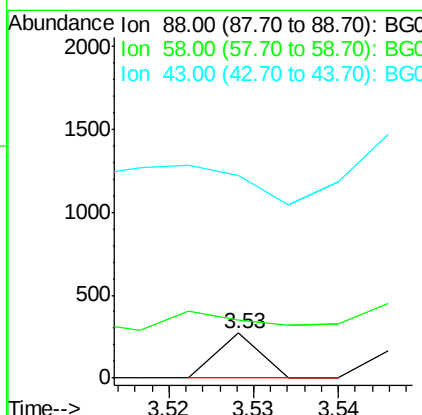
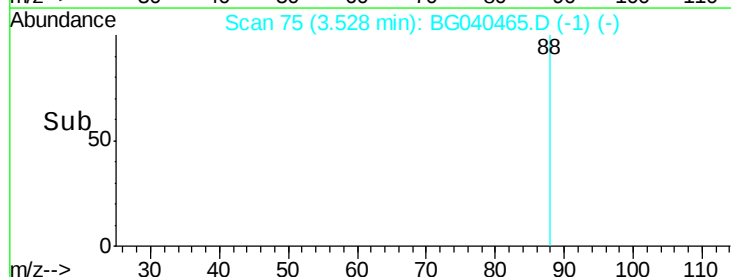
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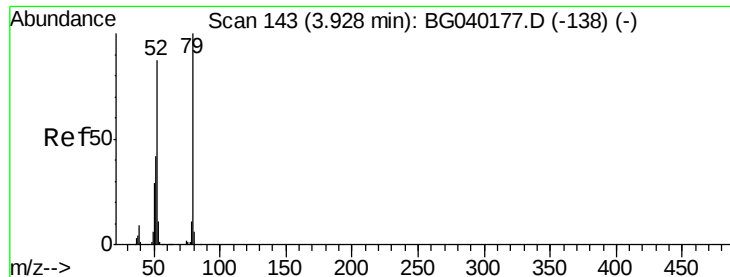
1,4-Dioxane
Concen: 0.080 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion: 88 Resp: 95
Ion Ratio Lower Upper
88 100
58 80.0 70.6 106.0
43 0.0 24.8 37.2#



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

Pvridine

Concen: 0.023 ng

RT: 4.31 min Scan# 208

Delta R.T. 0.38 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

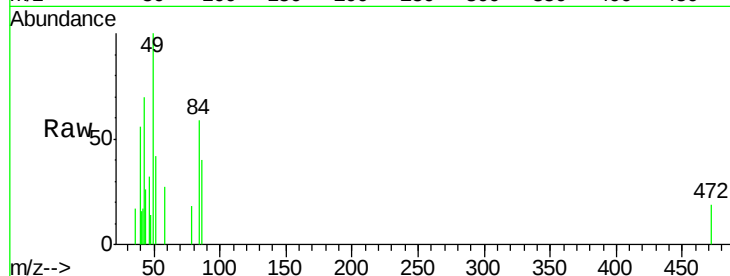
Tot Ion: 79 Resp: 72

Ion Ratio Lower Upper

79 100

52 0.0 69.8 104.8#

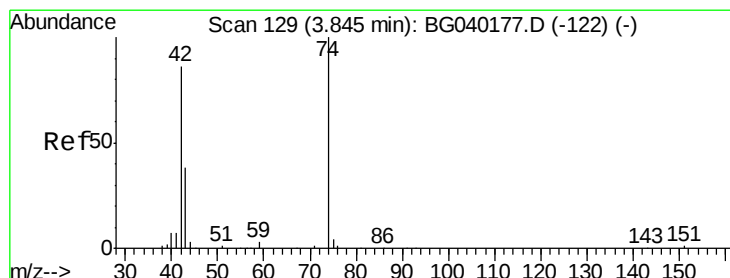
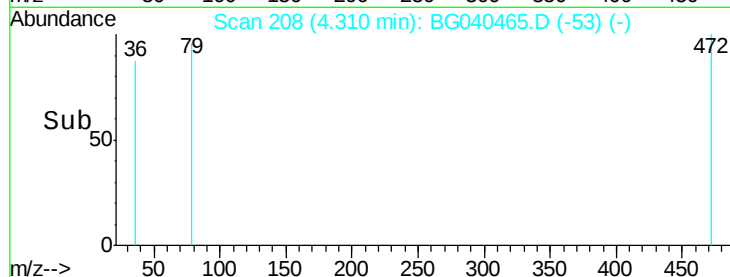
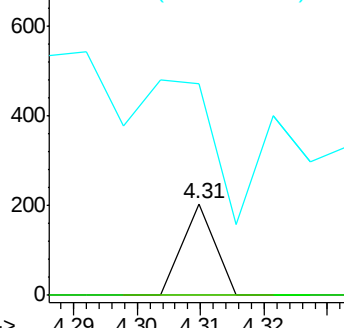
51 230.4 33.9 50.9#



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



#4

n-Nitrosodimethylamine

Concen: 0.069 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.00 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

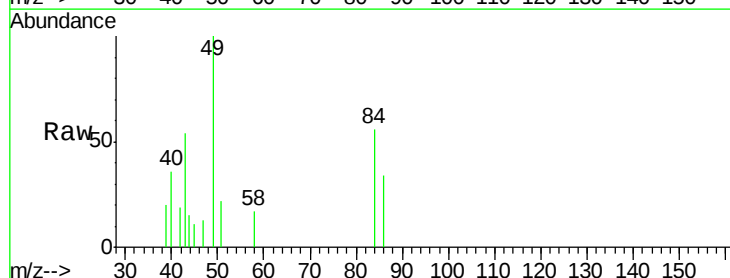
Tgt Ion: 42 Resp: 102

Ion Ratio Lower Upper

42 100

74 0.0 92.9 139.3#

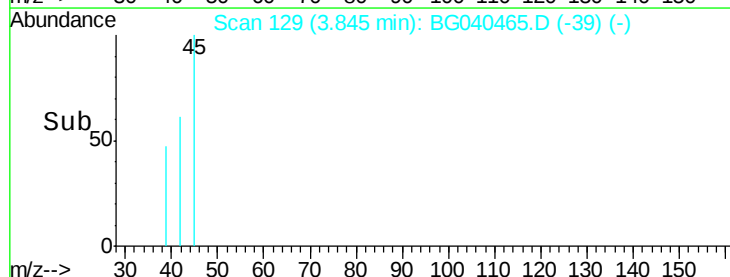
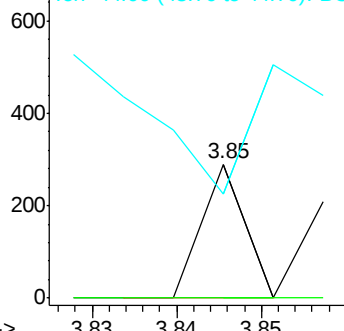
44 78.2 9.7 14.5#



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: 62.501 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

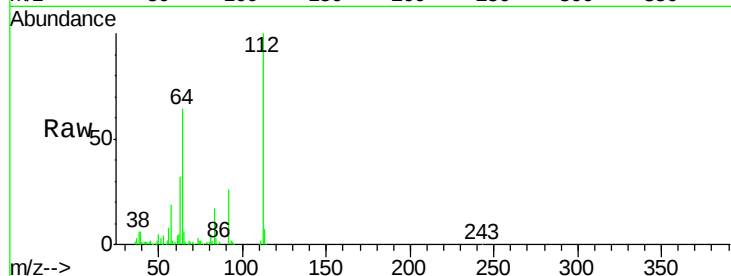
Tot Ion:112 Resp: 157070

Ion Ratio Lower Upper

112 100

64 64.0 54.2 81.2

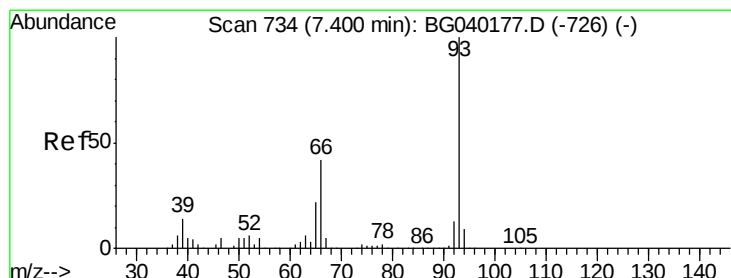
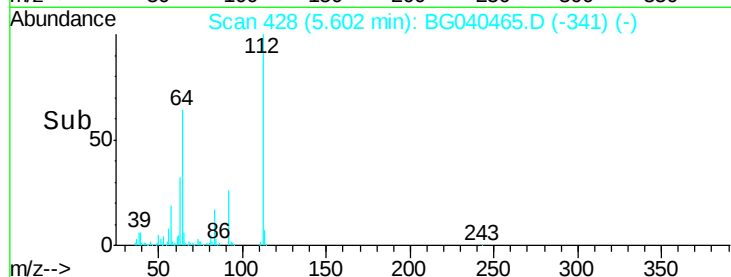
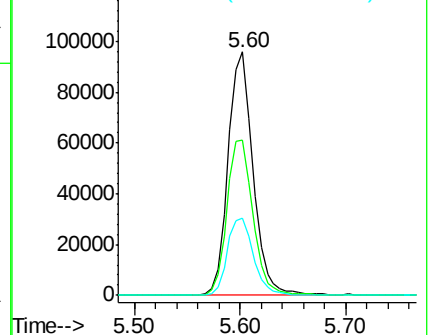
63 31.9 26.4 39.6



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: 0.061 ng

RT: 7.56 min Scan# 762

Delta R.T. 0.16 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

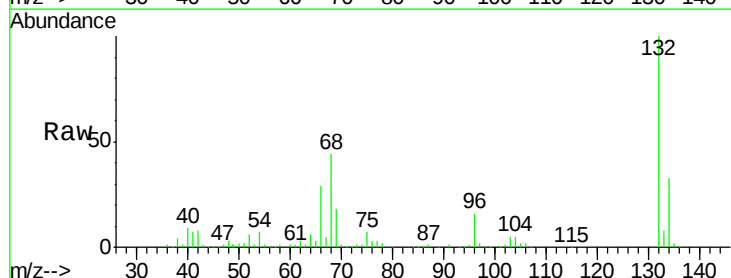
Tgt Ion: 93 Resp: 276

Ion Ratio Lower Upper

93 100

66 14129.1 33.6 50.4#

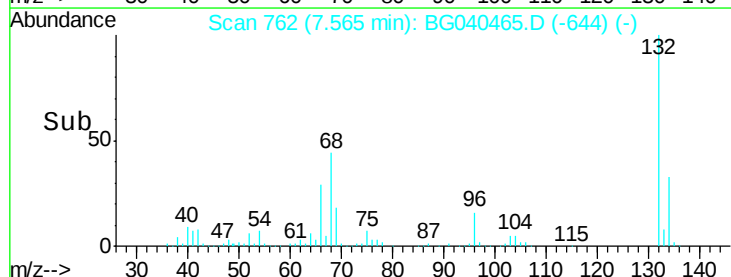
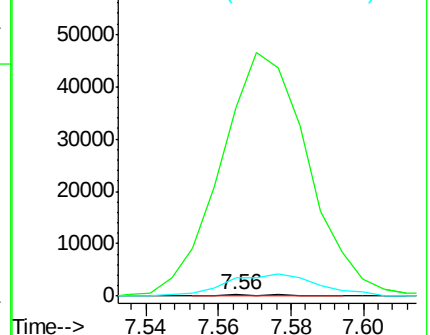
65 1426.0 17.4 26.2#



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: 44.848 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

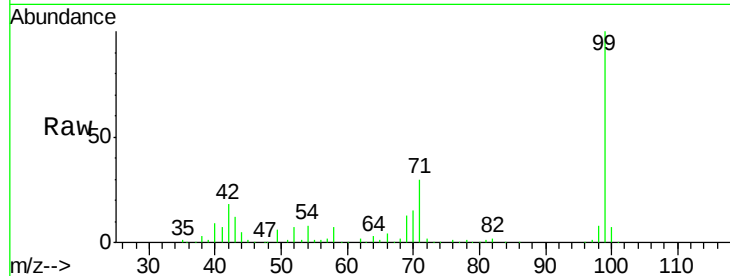
Tot Ion: 99 Resp: 155763

Ion Ratio Lower Upper

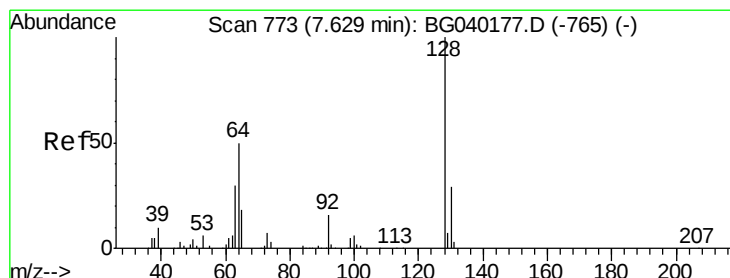
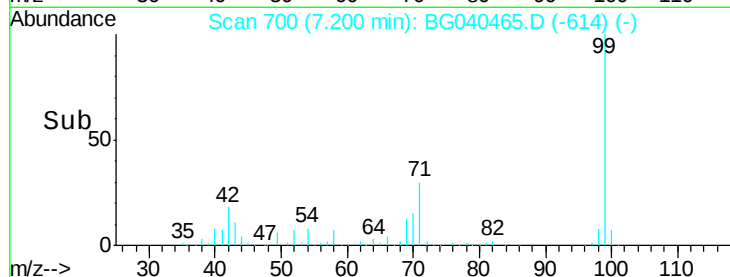
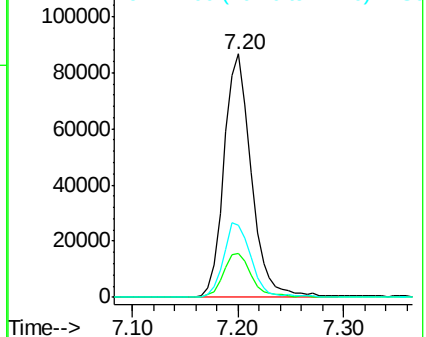
99 100

42 18.1 16.2 24.2

71 29.7 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: 0.041 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.04 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

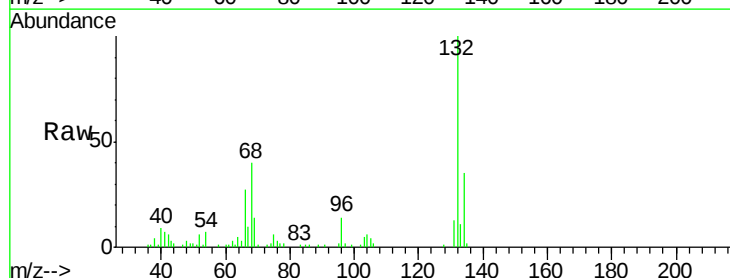
Tgt Ion: 128 Resp: 121

Ion Ratio Lower Upper

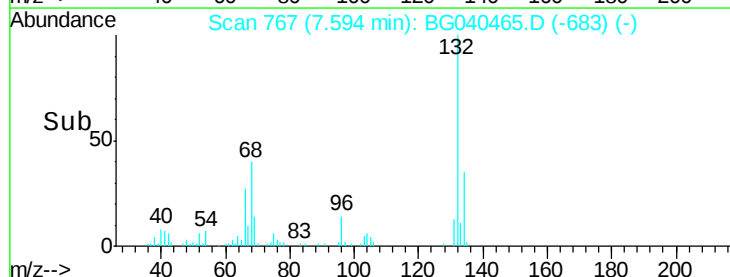
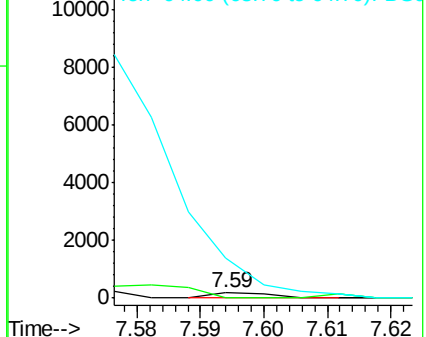
128 100

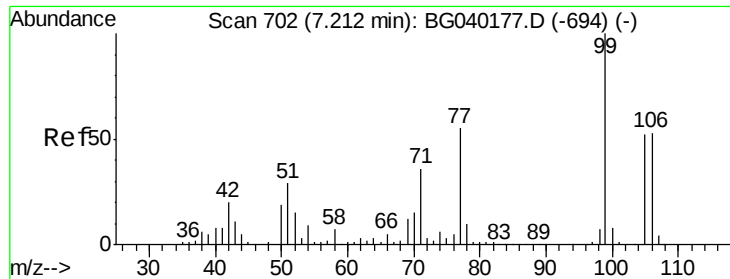
130 0.0 9.1 49.1#

64 757.3 33.1 73.1#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

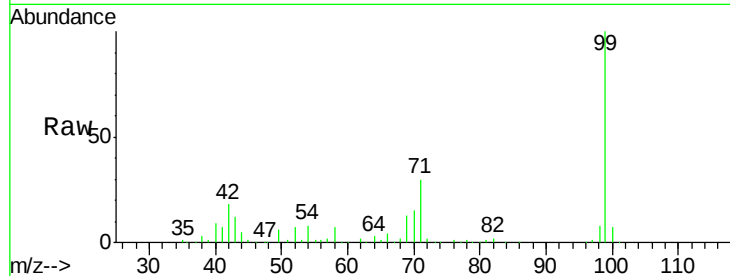




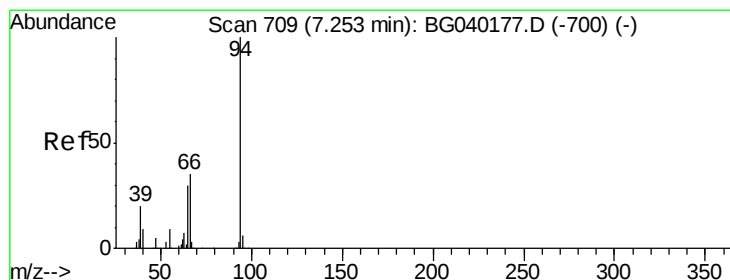
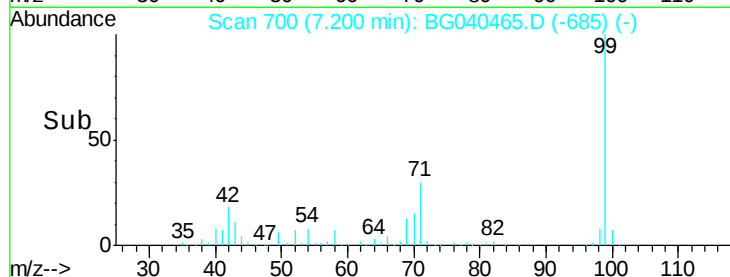
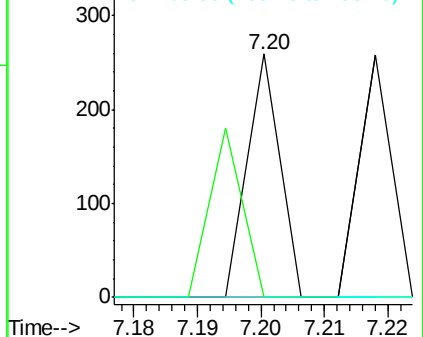
#9
Benzaldehyd
Concen: 0.038 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG040465.D
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Instrument :
BNA_G
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Tot Ion: 77 Resp: 91
Ion Ratio Lower Upper
77 100
105 0.0 75.0 115.0#
106 0.0 75.7 115.7#

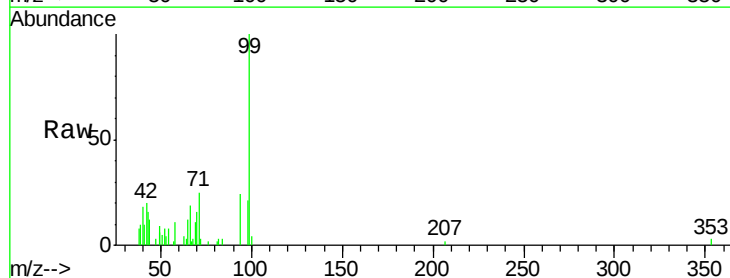


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

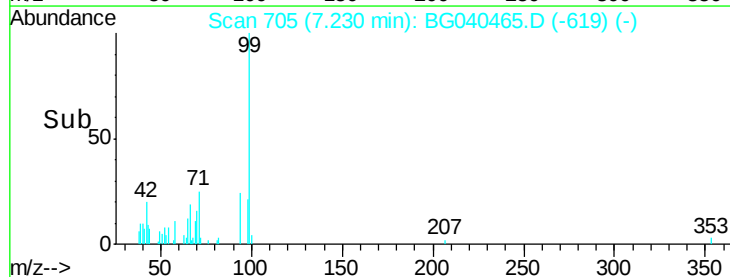
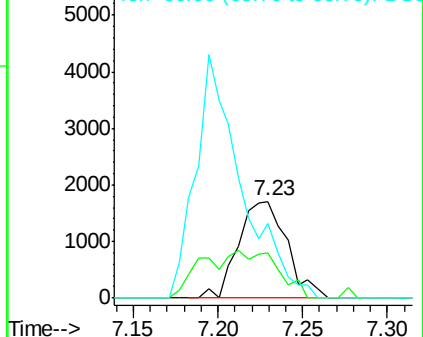


#10
Phenol
Concen: 0.901 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion: 94 Resp: 3396
Ion Ratio Lower Upper
94 100
65 47.4 10.5 50.5
66 76.8 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

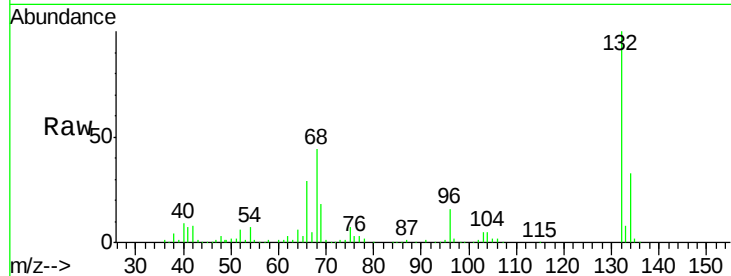




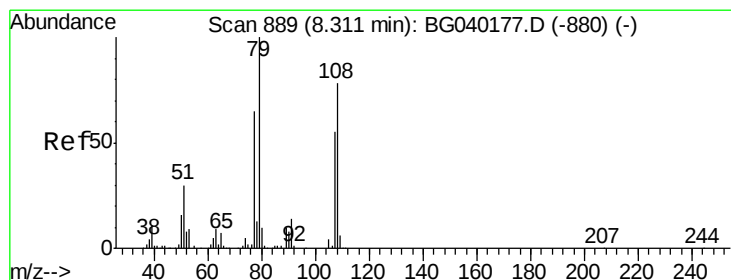
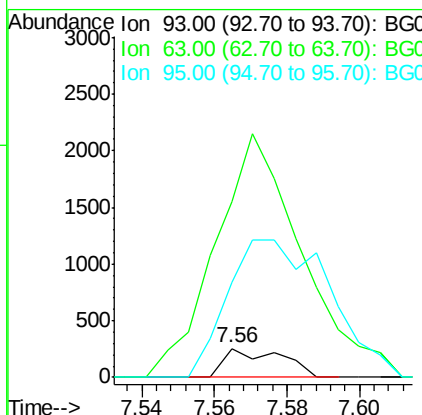
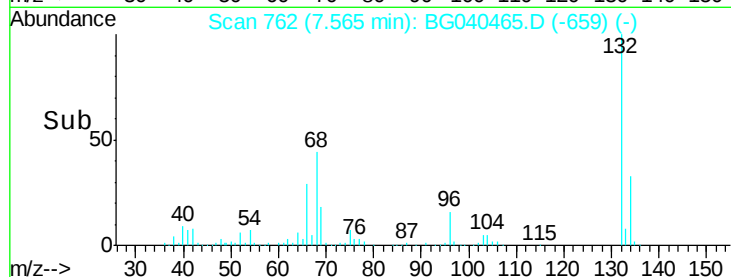
#11
bis(2-Chloroethyl)ether
Concen: 0.091 ng
RT: 7.56 min Scan# 762
Delta R.T. 0.08 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 276
Ion Ratio Lower Upper
93 100
63 613.0 64.2 104.2#
95 331.9 14.0 54.0#

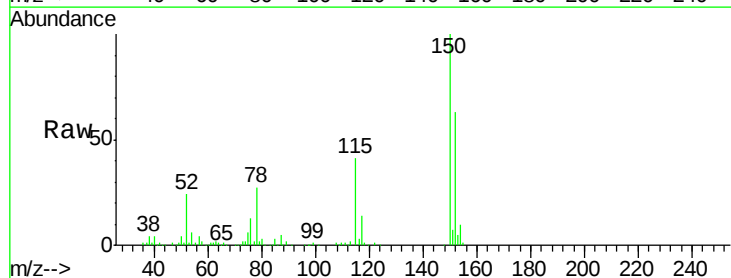


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

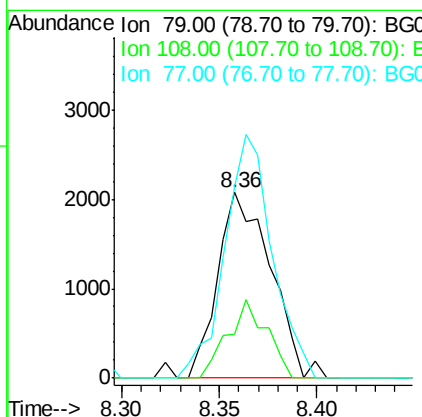
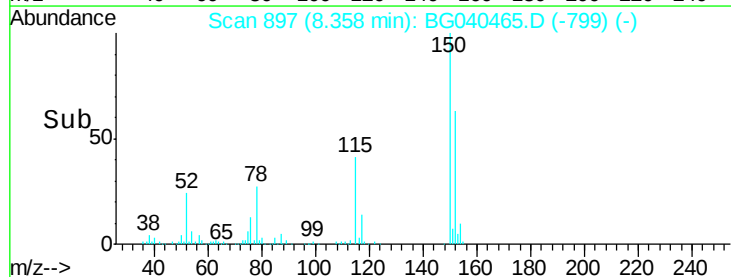


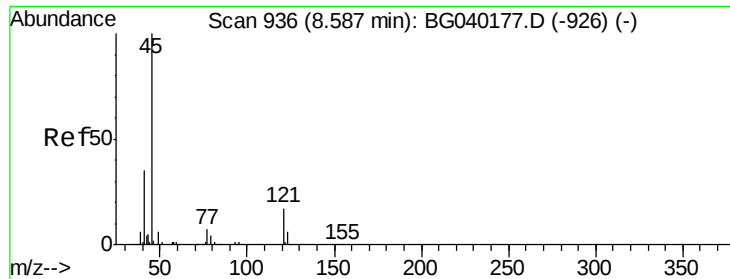
#15
Benzyl Alcohol
Concen: 1.395 ng
RT: 8.36 min Scan# 897
Delta R.T. 0.05 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion: 79 Resp: 3902
Ion Ratio Lower Upper
79 100
108 23.7 62.1 93.1#
77 103.0 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

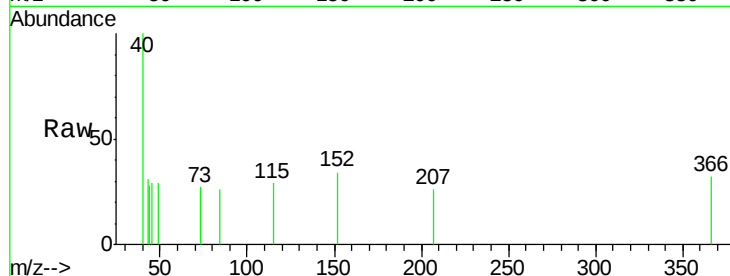




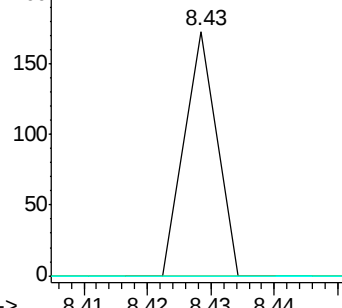
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.011 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.16 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

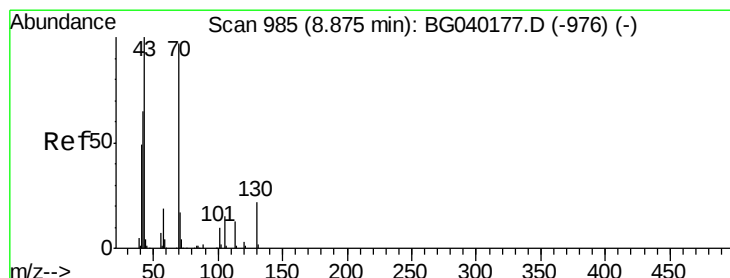
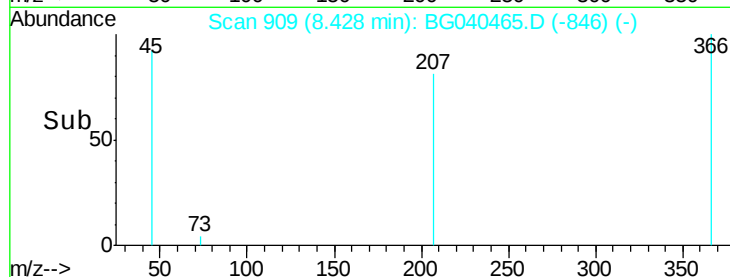
Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	31.4
79	0.0	0.0	28.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

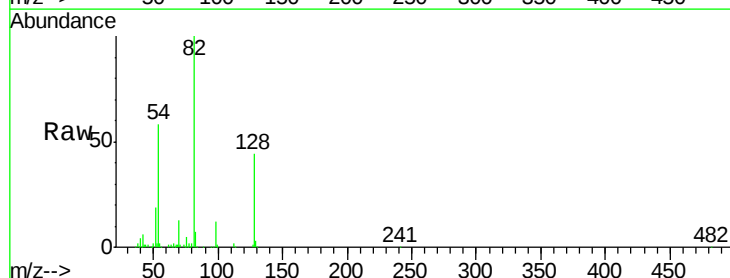


Time-->

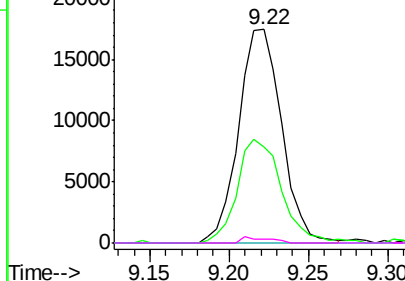


#19
n-Nitroso-di-n-propylamine
Concen: 13.203 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.35 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

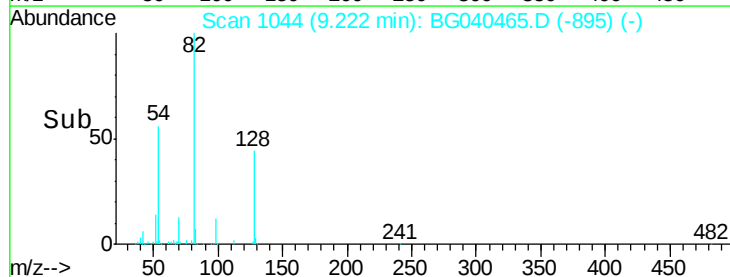
Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.0	54.0	81.0#
101	0.0	8.6	13.0#
130	1.7	18.2	27.2#

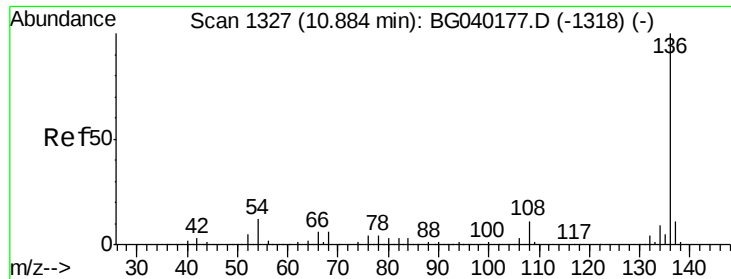


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



Time-->

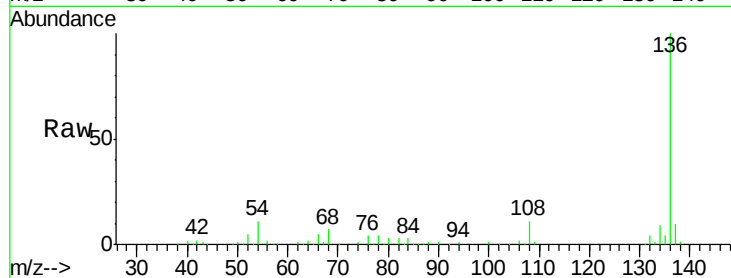




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	160204
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.9 13.3
54	10.7	9.6 14.4
68	6.9	5.1 7.7



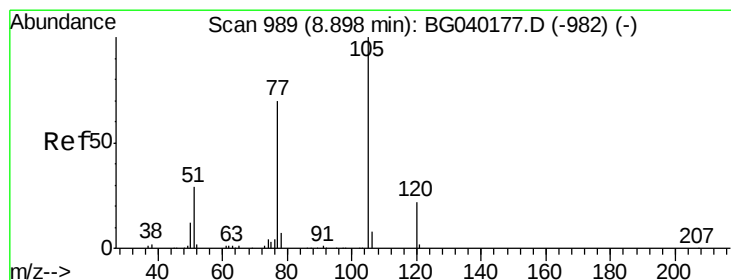
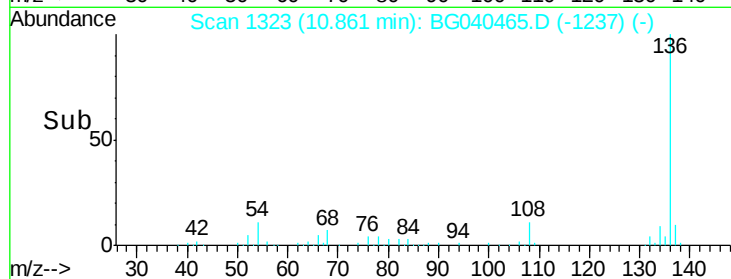
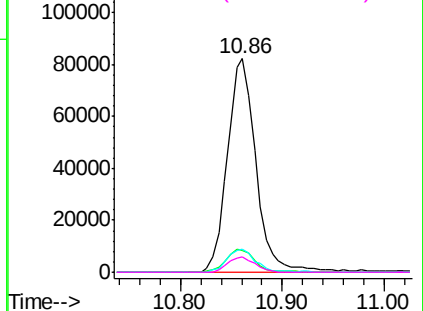
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

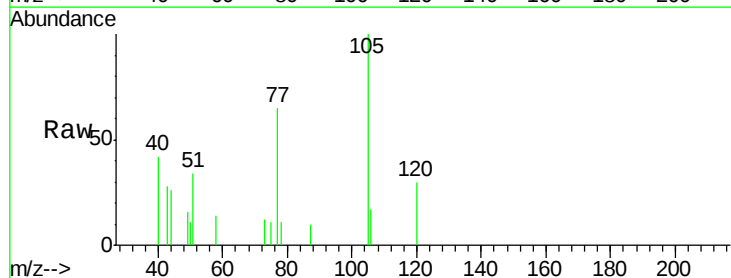
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 0.713 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:105	Resp:	2849
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.6 1.0#
51	33.8	25.1 37.7
120	29.6	17.6 26.4#



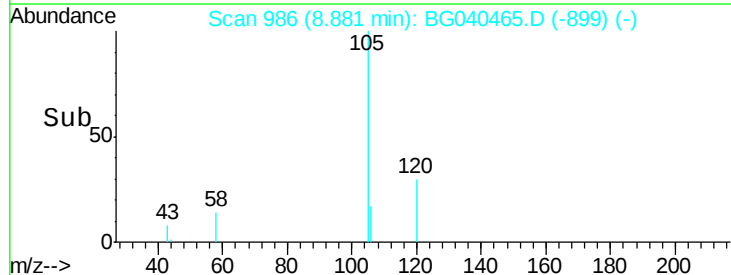
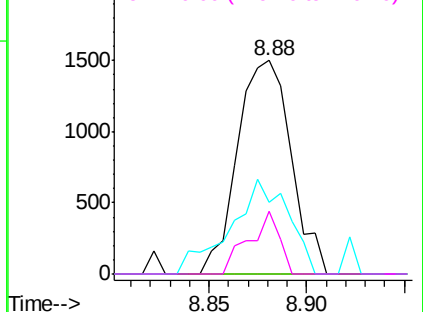
Abundance

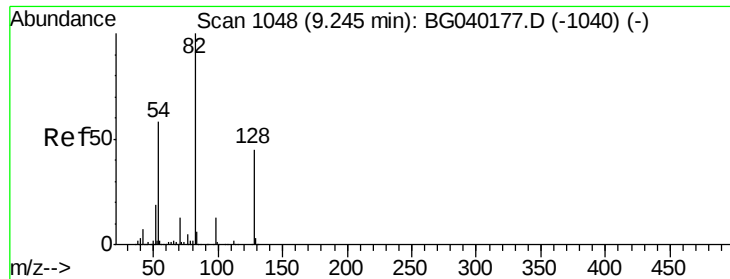
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

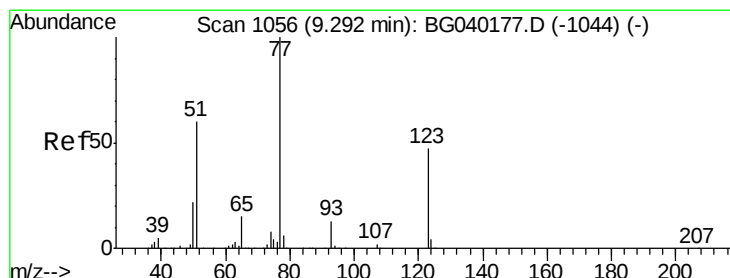
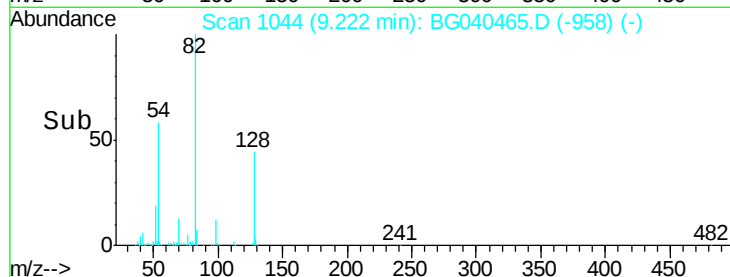
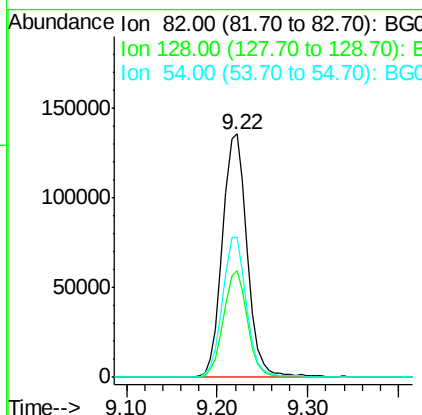
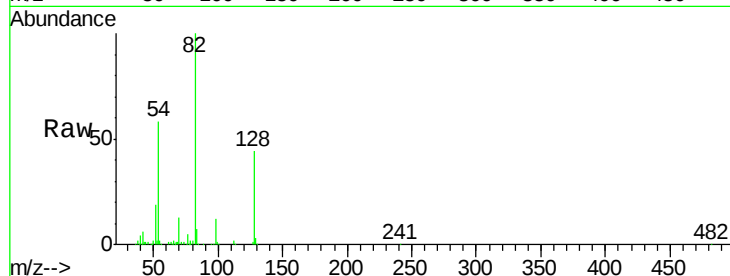




#23
Nitrobenzene-d5
Concen: 85.624 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

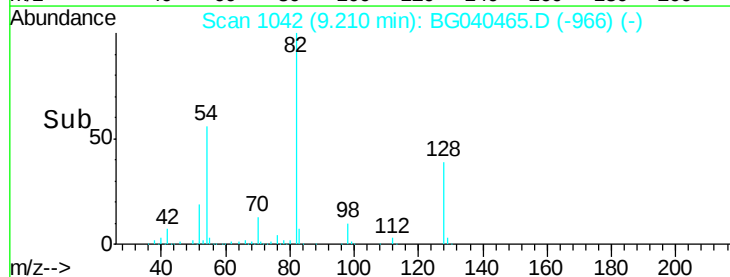
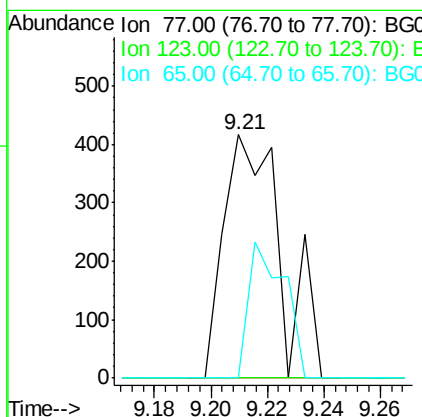
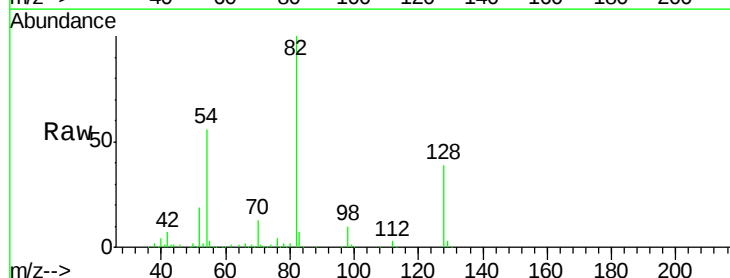
Instrument :
BNA_G
ClientSampleId :

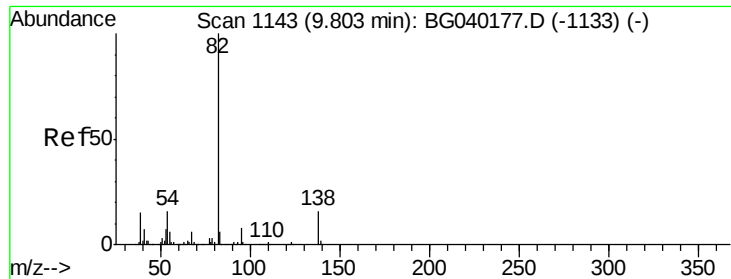
Tot Ion	82	Resp	258070
Ion Ratio	Lower	Upper	
82	100		
128	43.8	35.8	53.8
54	57.6	46.2	69.2



#24
Nitrobenzene
Concen: 0.186 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.08 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion	77	Resp	582
Ion Ratio	Lower	Upper	
77	100		
123	0.0	37.8	56.6#
65	0.0	12.0	18.0#





#25

Isophorone

Concen: 0.038 ng

RT: 9.55 min Scan# 1100

Delta R.T. -0.25 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

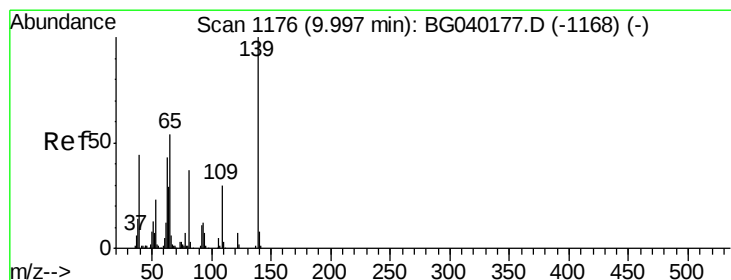
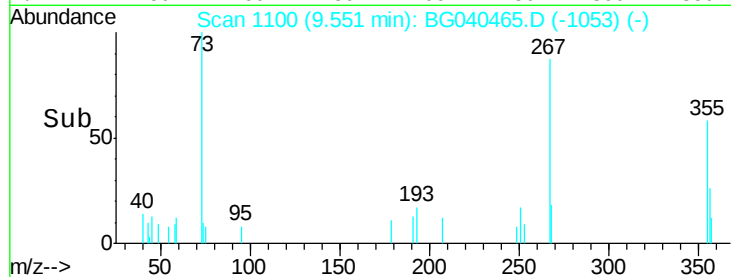
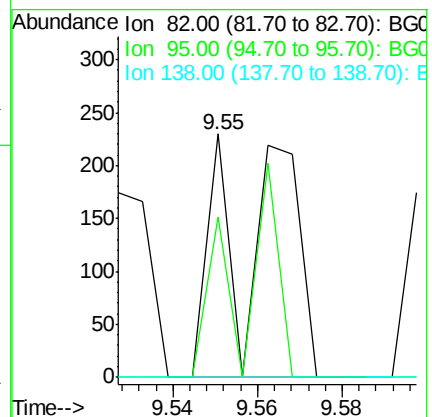
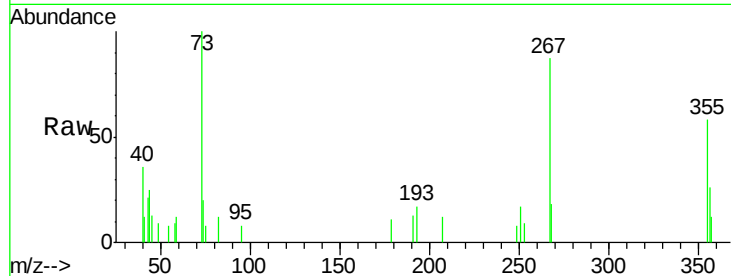
Tot Ion: 82 Resp: 233

Ion Ratio Lower Upper

82 100

95 65.7 6.1 9.1#

138 0.0 13.2 19.8#



#26

2-Nitrophenol

Concen: 0.046 ng

RT: 9.60 min Scan# 1109

Delta R.T. -0.39 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

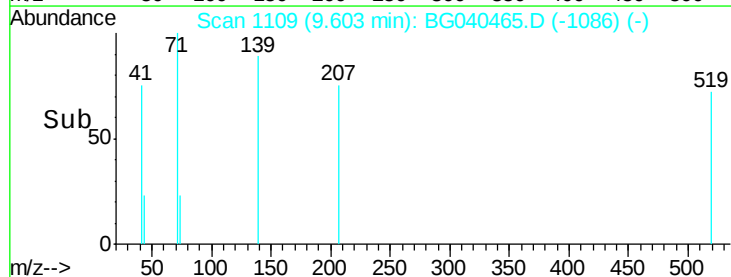
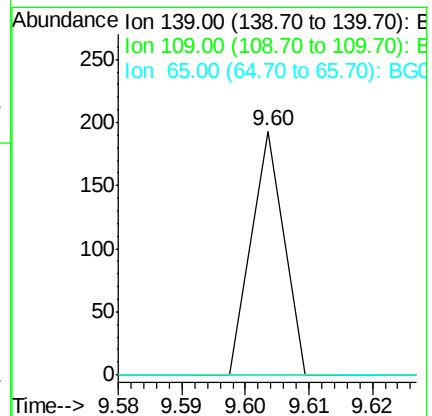
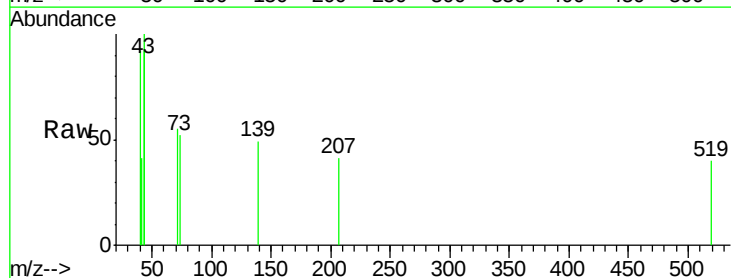
Tgt Ion: 139 Resp: 68

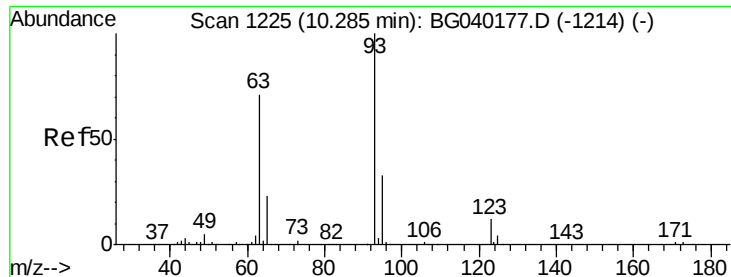
Ion Ratio Lower Upper

139 100

109 0.0 24.1 36.1#

65 0.0 43.0 64.6#

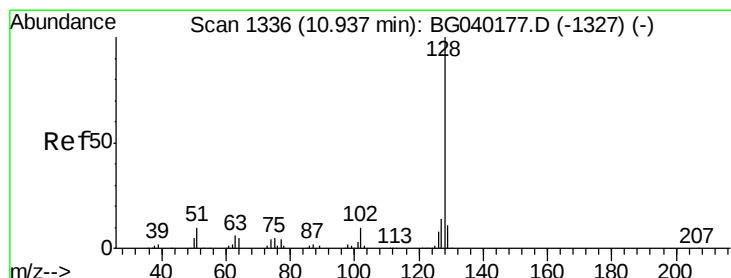
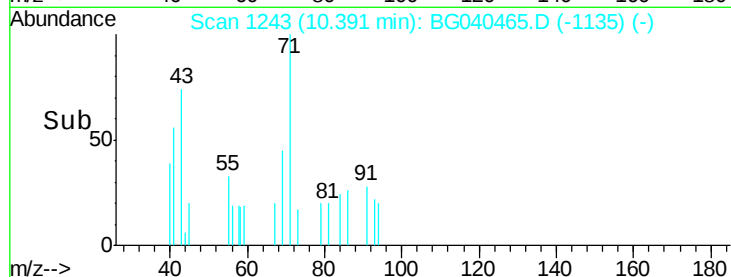
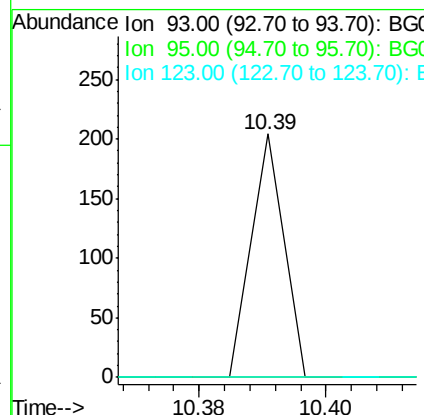
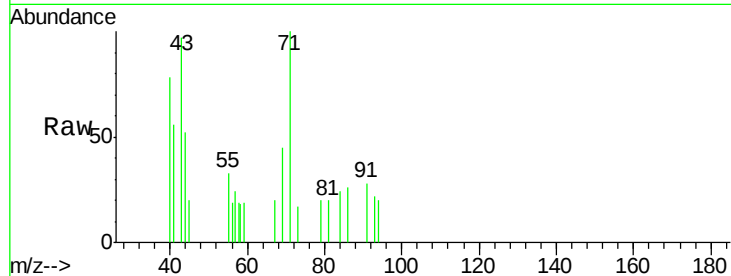




#28
bis(2-Chloroethoxy)methane
Concen: 0.020 ng
RT: 10.39 min Scan# 1243
Delta R.T. 0.11 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

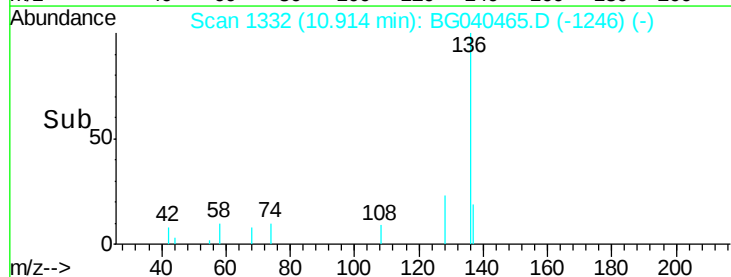
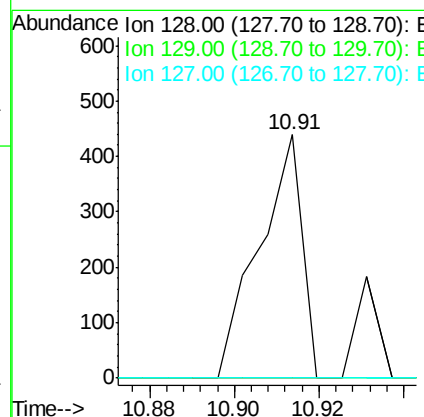
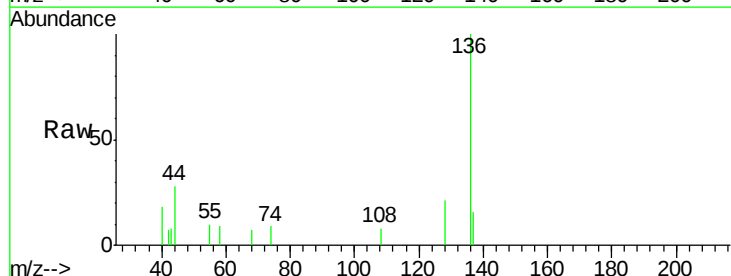
Instrument :
BNA_G
ClientSampled :

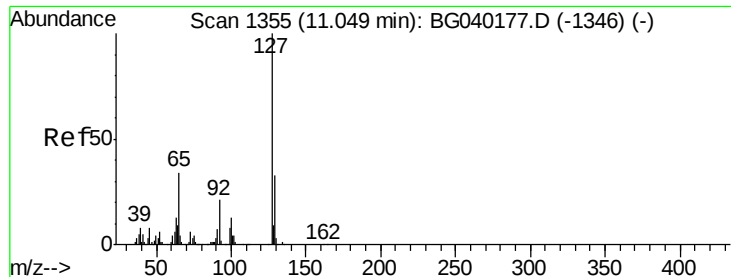
Tot Ion: 93 Resp: 72
Ion Ratio Lower Upper
93 100
95 0.0 26.2 39.4#
123 0.0 9.4 14.0#



#31
Naphthalene
Concen: 0.038 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:128 Resp: 311
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 11.4 17.0#

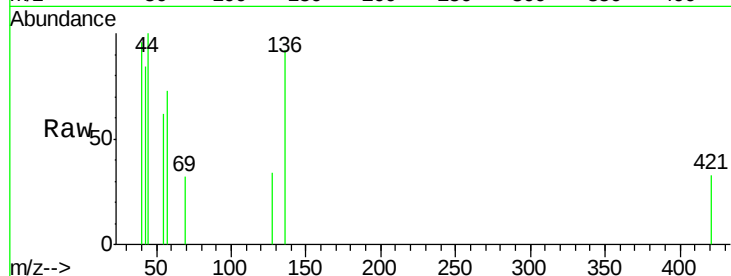




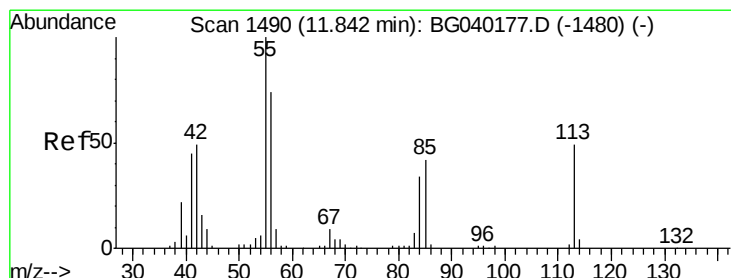
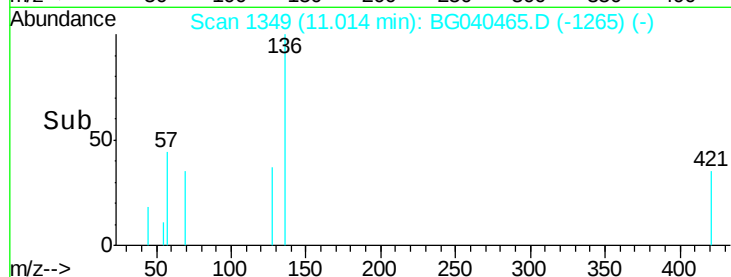
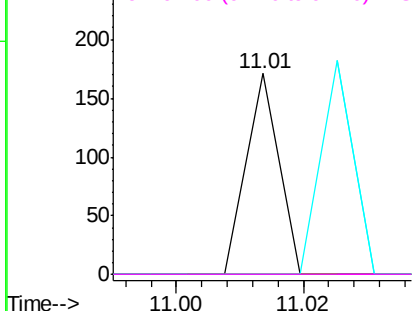
#33
4-Chloroaniline
Concen: 0.017 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.04 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	60
Ion Ratio	Lower	Upper
127	100	
129	0.0	26.6 40.0#
65	0.0	27.0 40.4#
92	0.0	16.6 25.0#

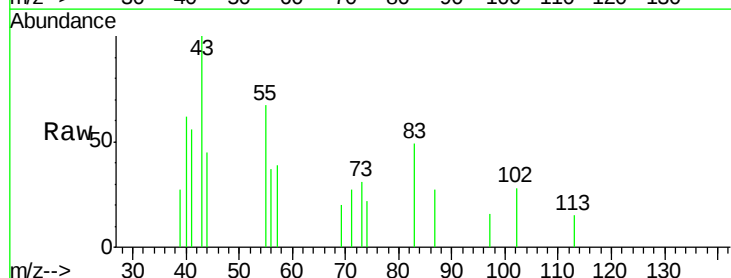


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

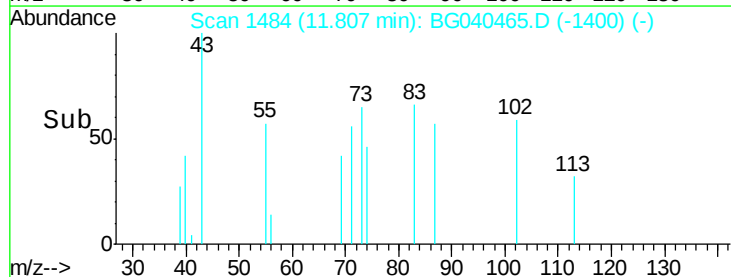
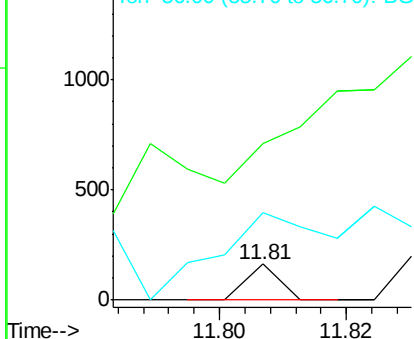


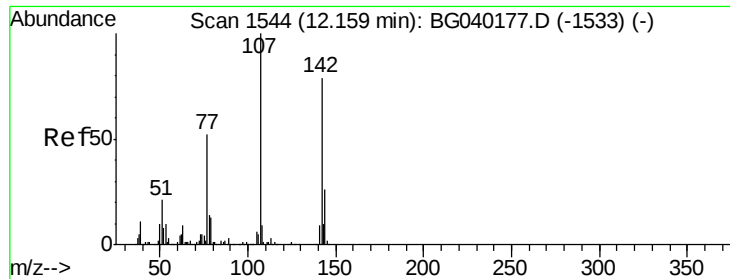
#35
Caprolactam
Concen: 0.056 ng
RT: 11.81 min Scan# 1484
Delta R.T. -0.04 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:113	Resp:	57
Ion Ratio	Lower	Upper
113	100	
55	438.9	184.2 224.2#
56	244.4	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

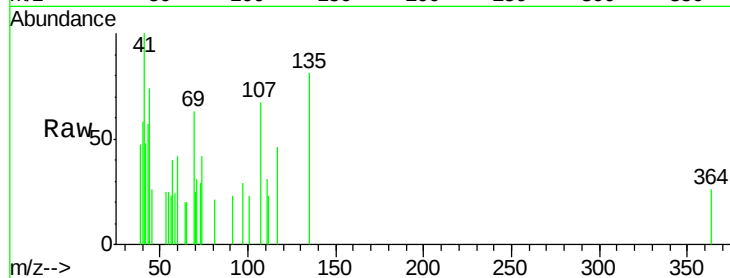




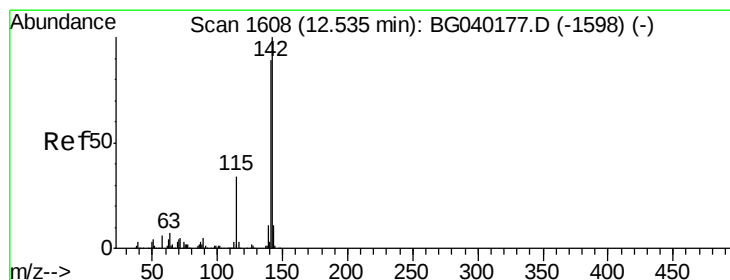
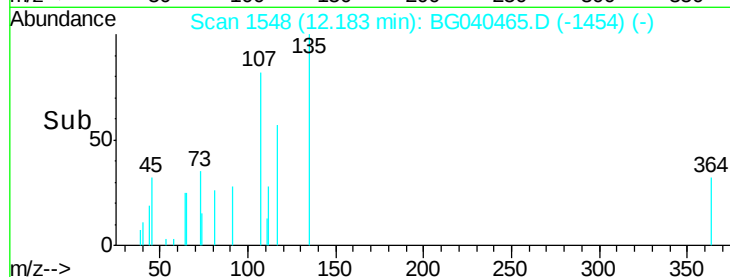
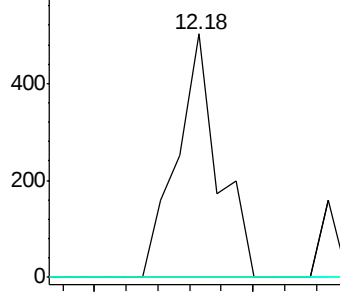
#36
 4-Chloro-3-methylphenol
 Concen: 0.155 ng
 RT: 12.18 min Scan# 1548
 Delta R.T. 0.02 min
 Lab File: BG040465.D
 Acq: 12 Apr 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:107 Resp: 454
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.5 30.7#
 142 0.0 63.1 94.7#

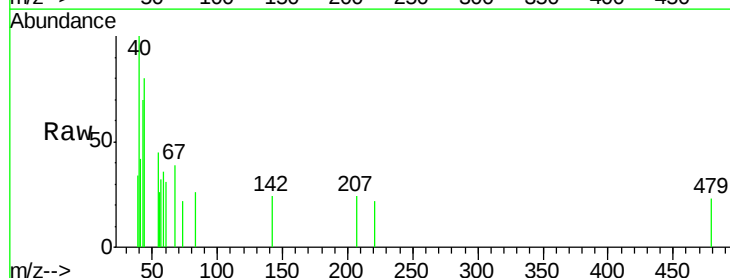


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

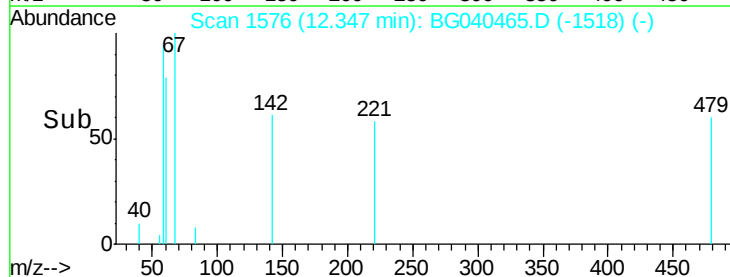
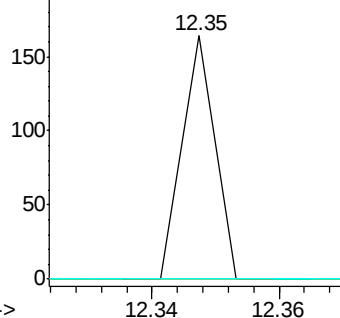


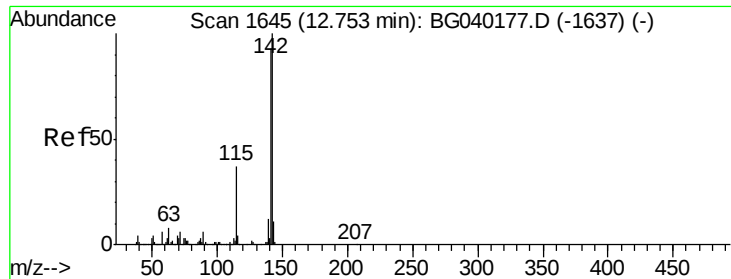
#37
 2-Methylnaphthalene
 Concen: 0.010 ng
 RT: 12.35 min Scan# 1576
 Delta R.T. -0.19 min
 Lab File: BG040465.D
 Acq: 12 Apr 2019 17:29

Tgt Ion:142 Resp: 58
 Ion Ratio Lower Upper
 142 100
 141 0.0 71.0 106.6#
 115 0.0 27.3 40.9#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

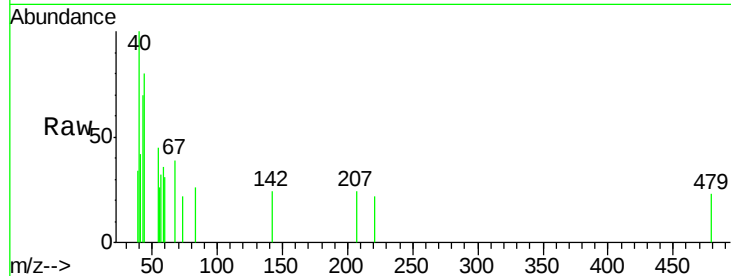




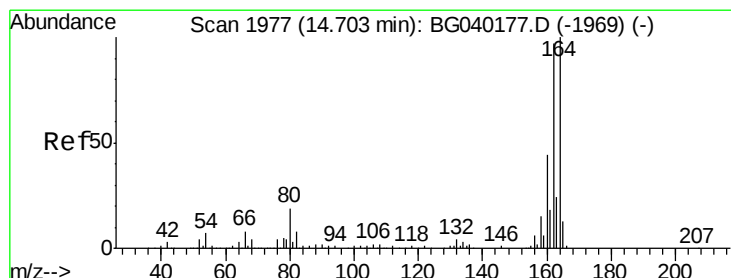
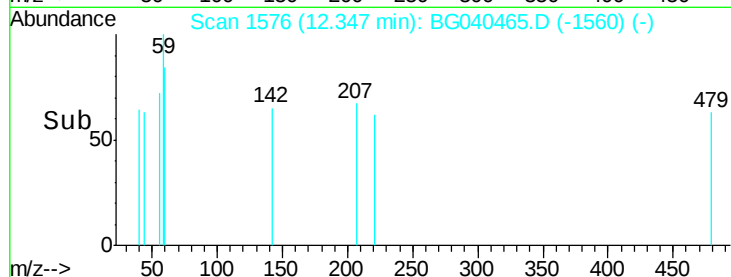
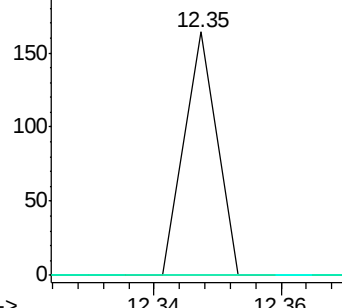
#38
1-Methylnaphthalene
Concen: 0.010 ng
RT: 12.35 min Scan# 1576
Delta R.T. -0.41 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	0.0	74.2	111.4#
116	0.0	3.0	4.4#

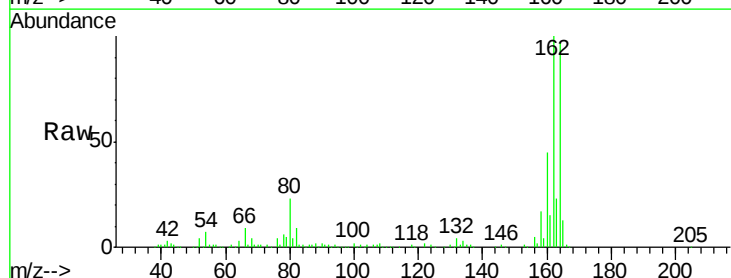


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

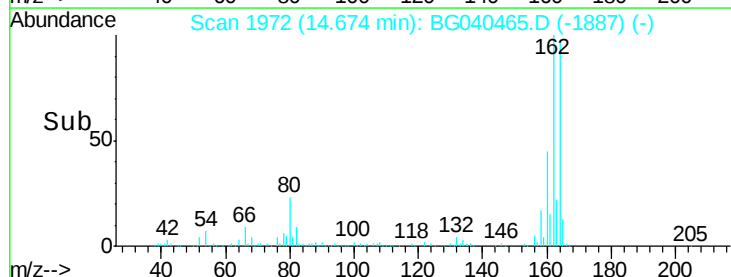
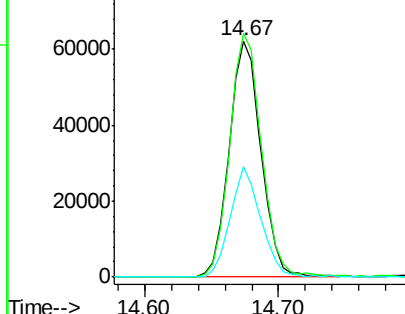


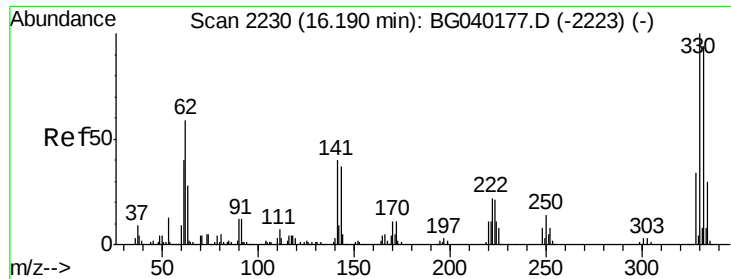
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	77.4	116.2
160	46.8	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

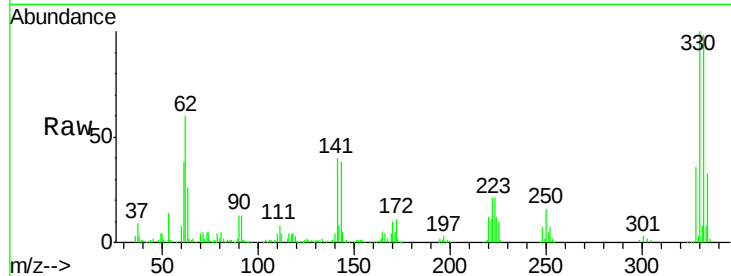




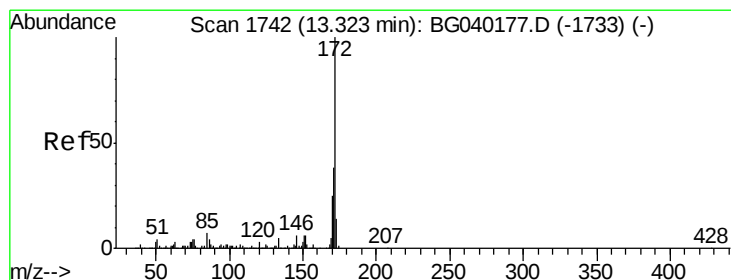
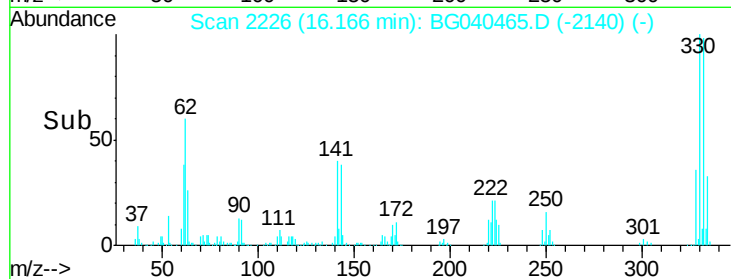
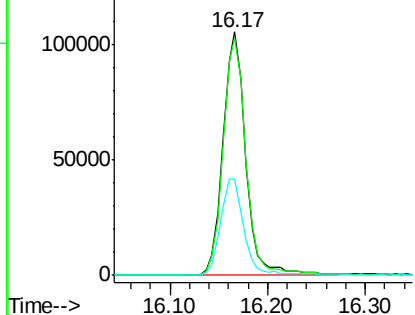
#42
 2,4,6-Tribromophenol
 Concen: 153.366 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040465.D
 Acq: 12 Apr 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	41.0	32.6	48.8

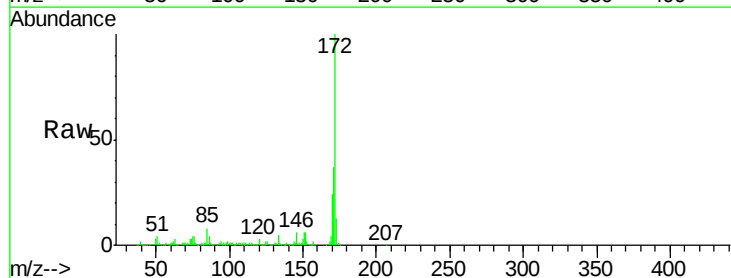


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

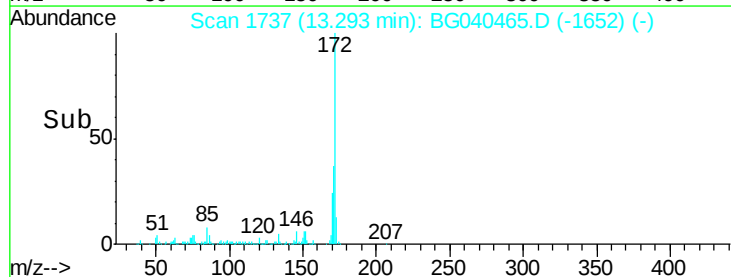
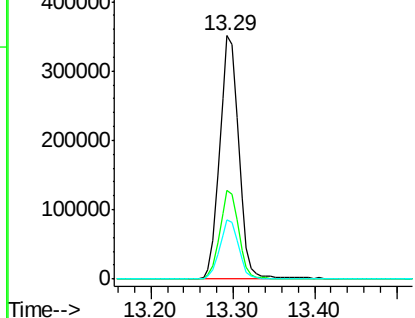


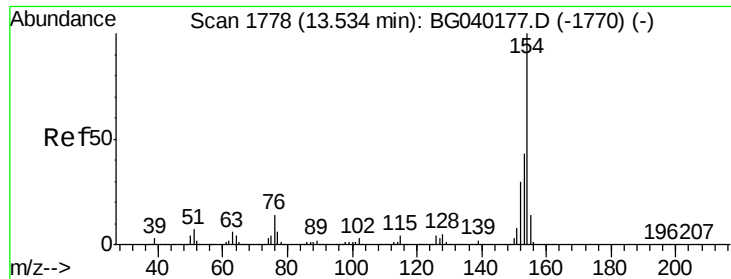
#45
 2-Fluorobiphenyl
 Concen: 82.536 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040465.D
 Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.3	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

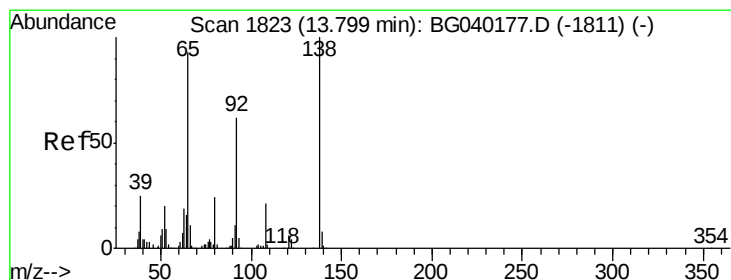
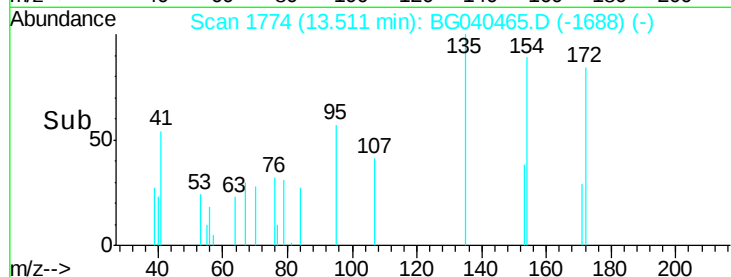
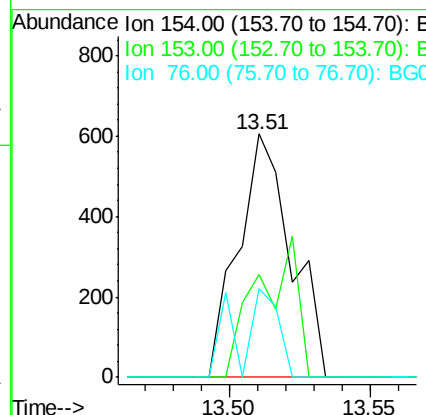
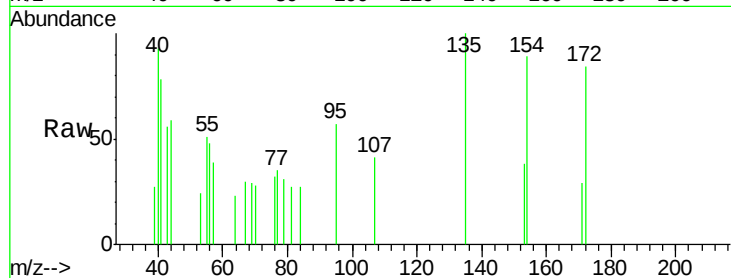




#46
 1,1'-Biphenyl
 Concen: 0.097 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BG040465.D
 Acq: 12 Apr 2019 17:29

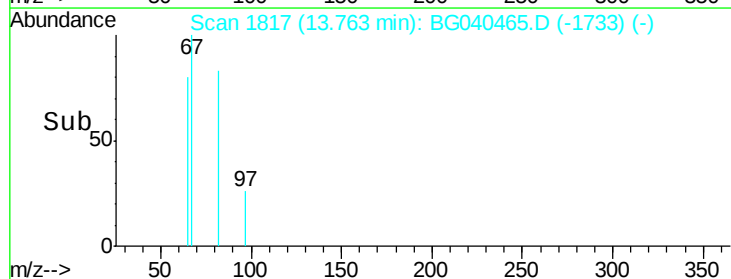
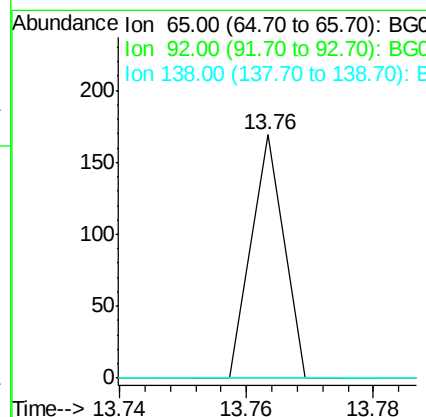
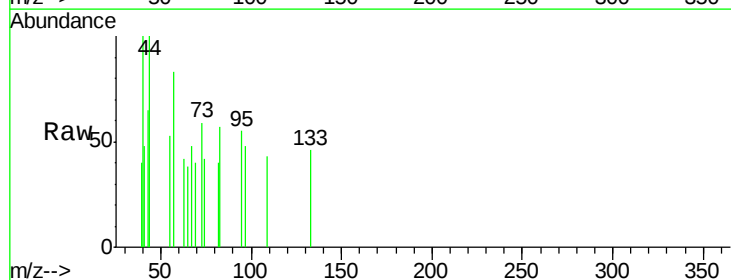
Instrument :
 BNA_G
 ClientSampleId :

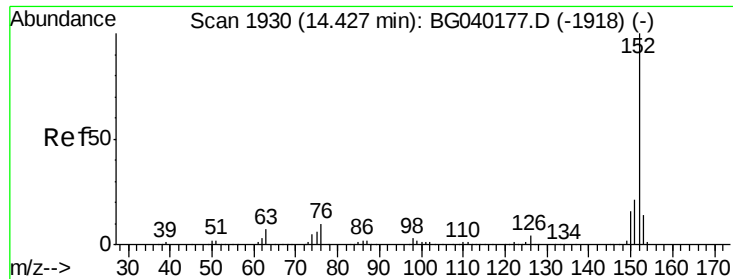
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.5	62.5
76	36.3	0.0	33.7



#48
 2-Nitroaniline
 Concen: 0.028 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.04 min
 Lab File: BG040465.D
 Acq: 12 Apr 2019 17:29

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





#49

Acenaphthylene

Concen: 0.007 ng

RT: 14.49 min Scan# 1941

Delta R.T. 0.06 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

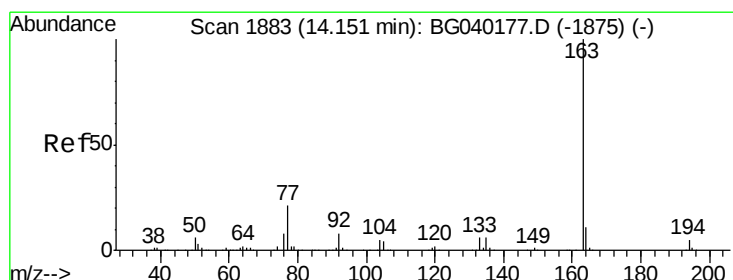
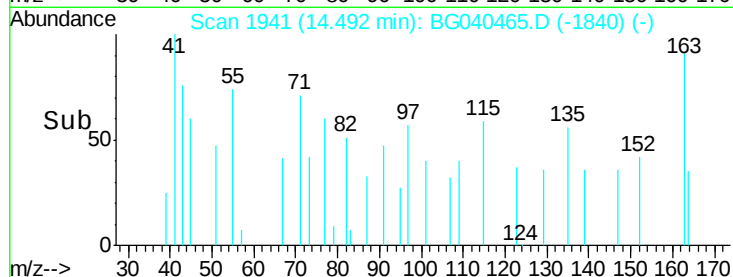
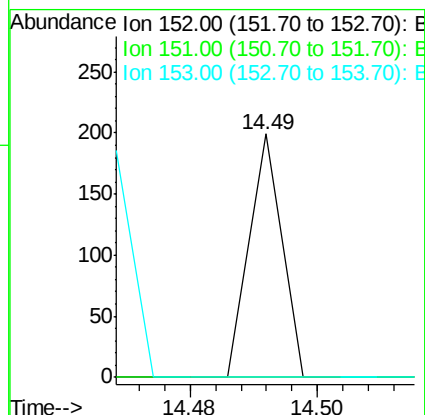
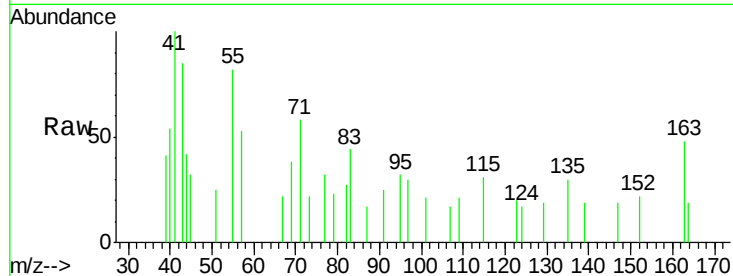
Tot Ion:152 Resp: 70

Ion Ratio Lower Upper

152 100

151 0.0 17.0 25.6#

153 0.0 10.8 16.2#



#50

Dimethylphthalate

Concen: 5.914 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

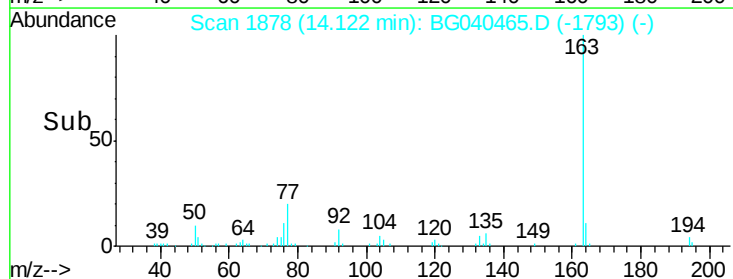
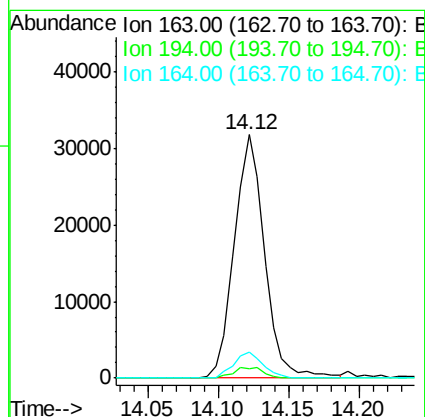
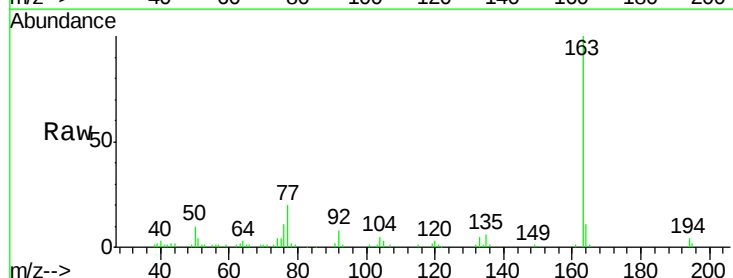
Tgt Ion:163 Resp: 47672

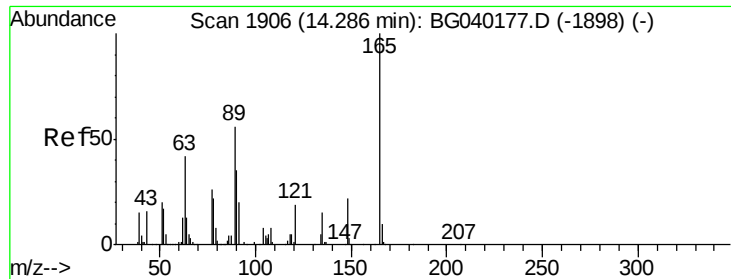
Ion Ratio Lower Upper

163 100

194 4.0 4.1 6.1#

164 10.9 8.6 13.0

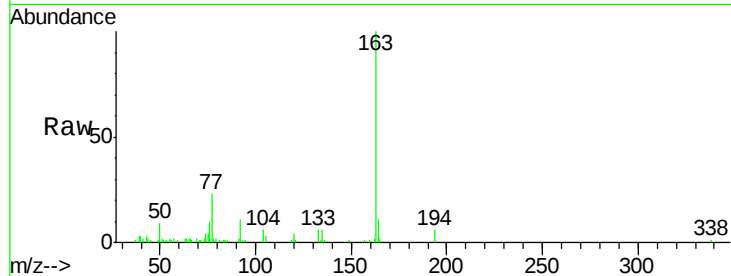




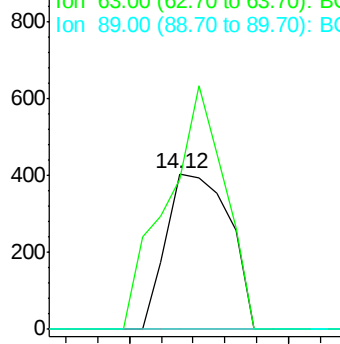
#51
 2,6-Dinitrotoluene
 Concen: 0.310 ng
 RT: 14.12 min Scan# 1877
 Delta R.T. -0.17 min
 Lab File: BG040465.D
 Acq: 12 Apr 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :

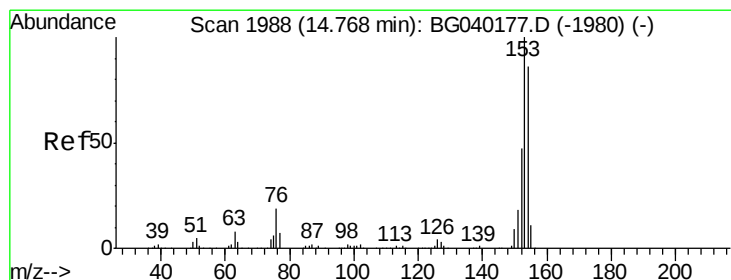
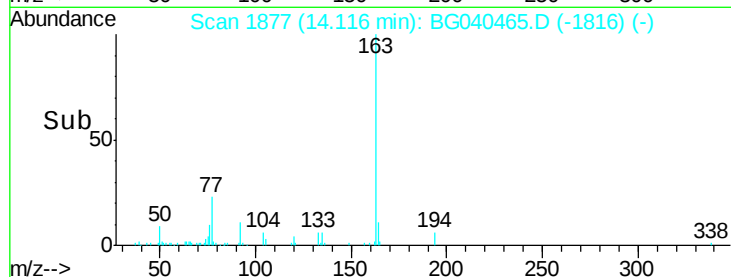
Tot Ion:165 Resp: 561
 Ion Ratio Lower Upper
 165 100
 63 96.6 44.1 66.1#
 89 0.0 44.9 67.3#



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

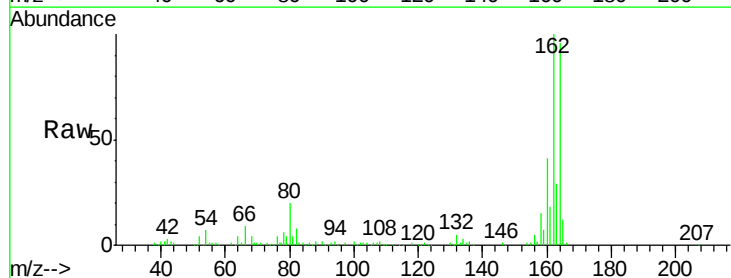


Time-->

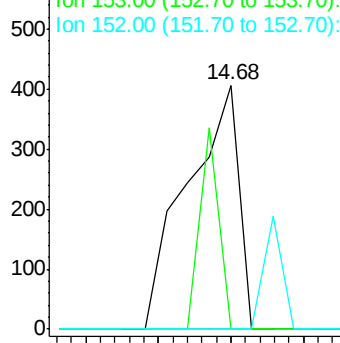


#52
 Acenaphthene
 Concen: 0.066 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.09 min
 Lab File: BG040465.D
 Acq: 12 Apr 2019 17:29

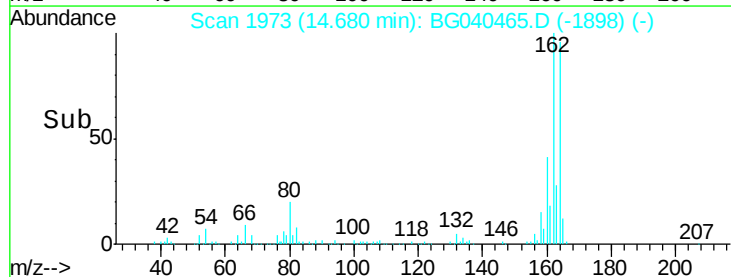
Tgt Ion:154 Resp: 400
 Ion Ratio Lower Upper
 154 100
 153 0.0 92.8 139.2#
 152 0.0 43.4 65.2#

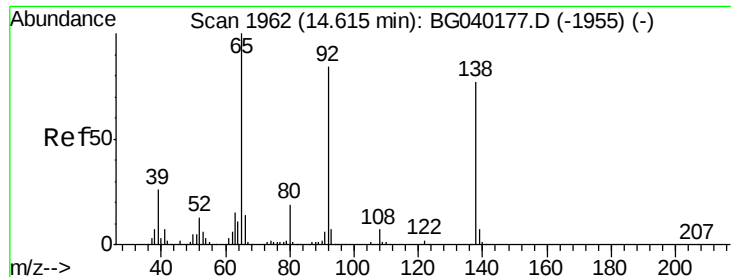


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E



Time-->

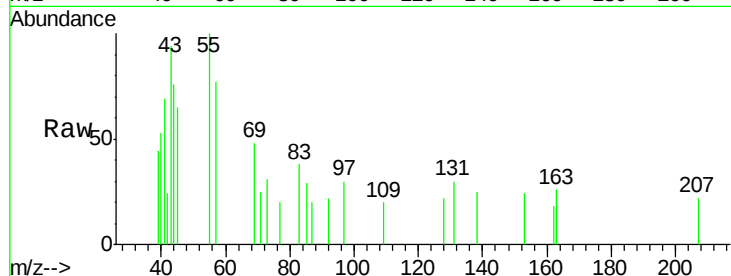




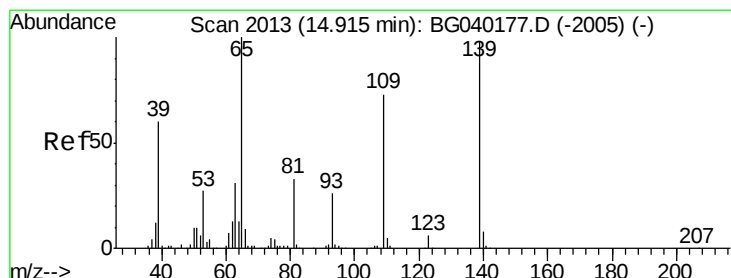
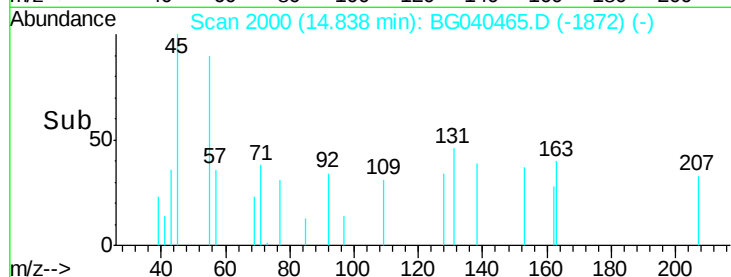
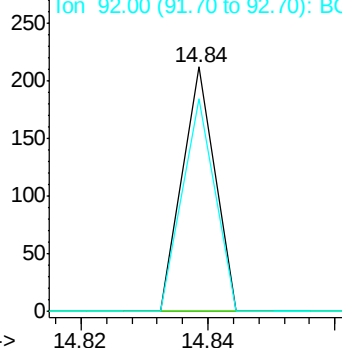
#53
3-Nitroaniline
Concen: 0.039 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.22 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 75
Ion Ratio Lower Upper
138 100
108 0.0 7.8 11.8#
92 86.8 87.5 131.3#

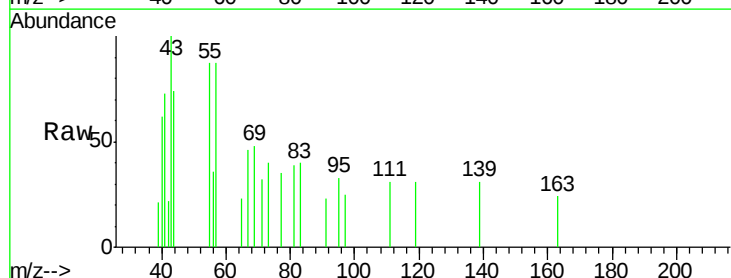


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

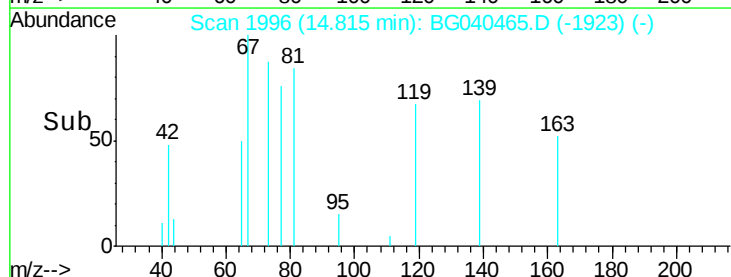
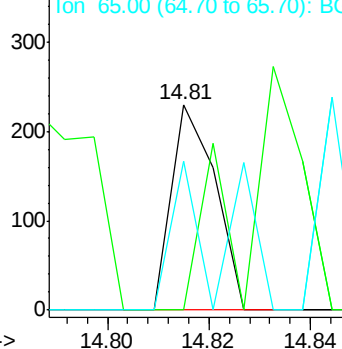


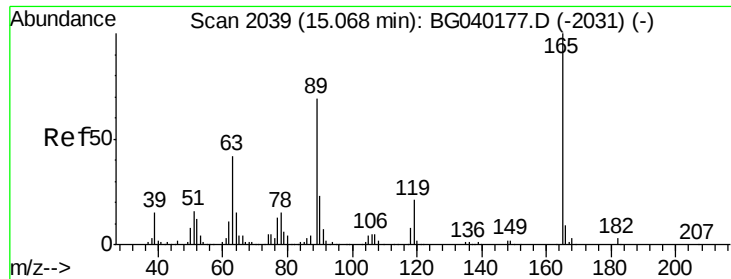
#56
4-Nitrophenol
Concen: 0.089 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.10 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:139 Resp: 137
Ion Ratio Lower Upper
139 100
109 0.0 54.3 94.3#
65 72.2 82.5 122.5#



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): BGC





#57

2,4-Dinitrotoluene

Concen: 5.114 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.39 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 12861

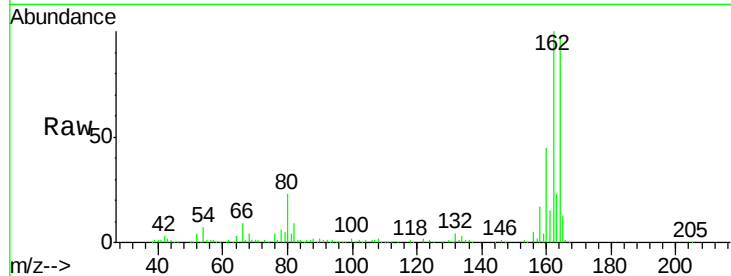
Ion Ratio Lower Upper

165 100

63 2.2 33.8 50.6#

89 2.1 55.4 83.2#

182 0.0 2.2 3.4#

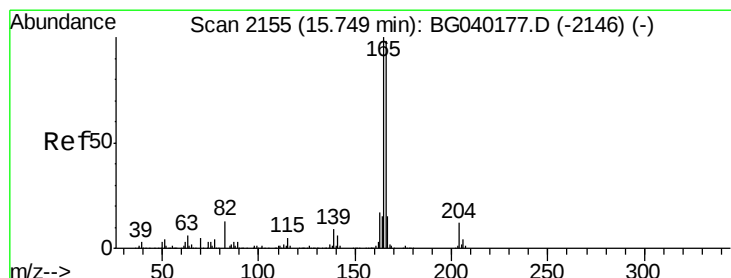
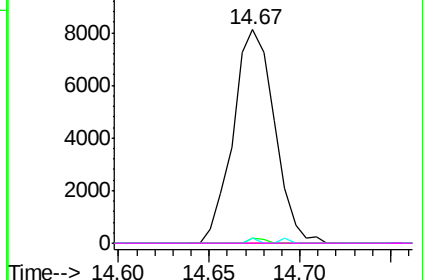
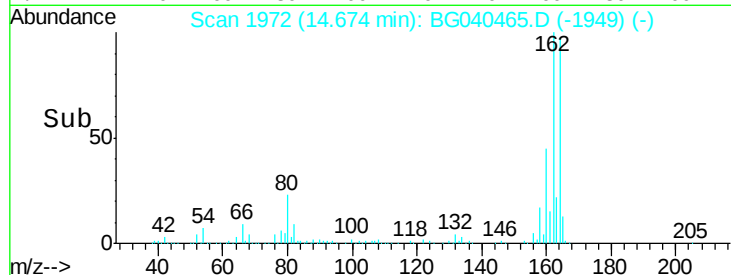


Abundance Ion 165.00 (164.70 to 165.70): E

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: 1.022 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.42 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

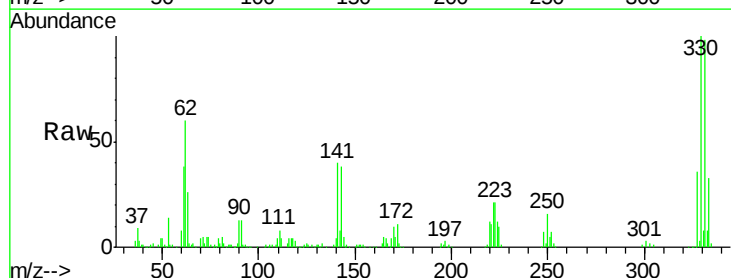
Tgt Ion:166 Resp: 7834

Ion Ratio Lower Upper

166 100

165 103.1 81.7 122.5

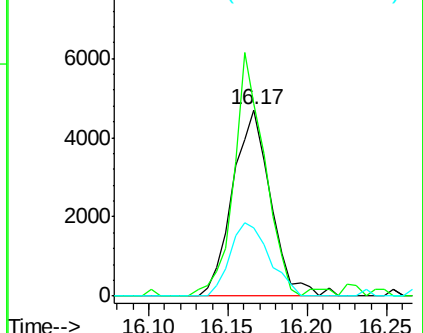
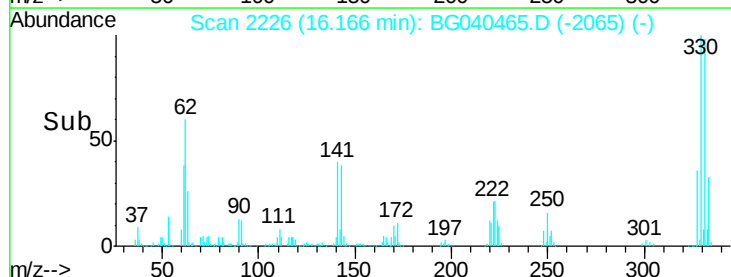
167 36.4 11.9 17.9#

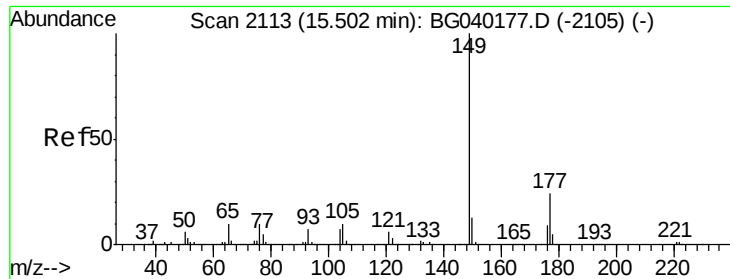


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

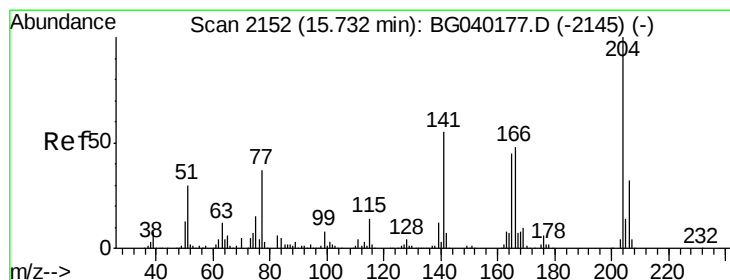
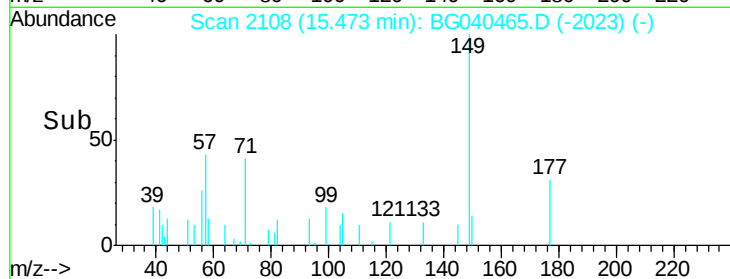
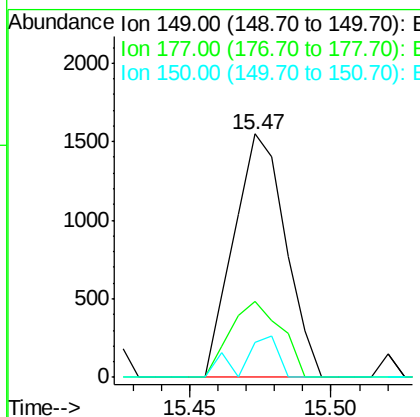
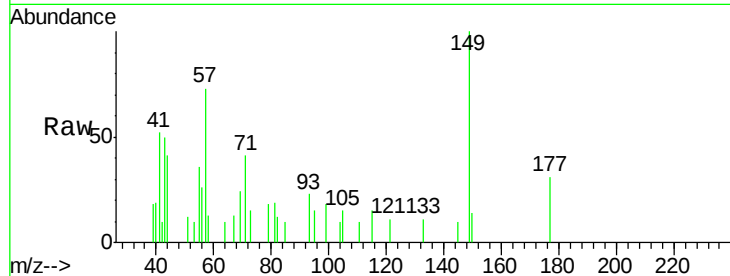




#60
Diethylphthalate
Concen: 0.239 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.03 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

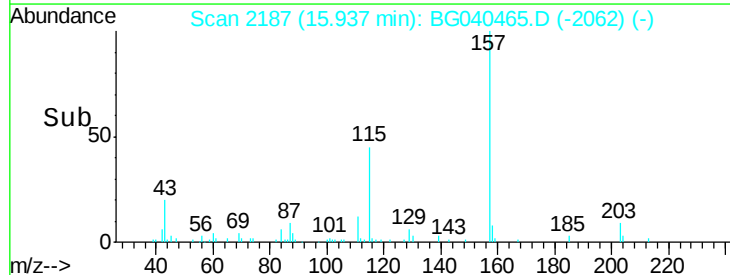
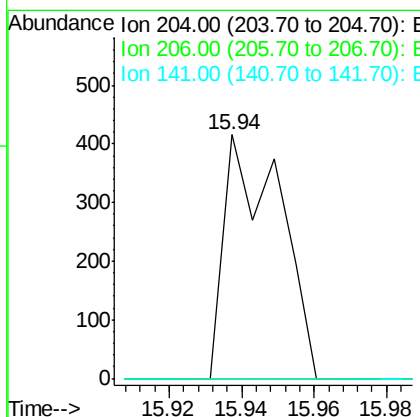
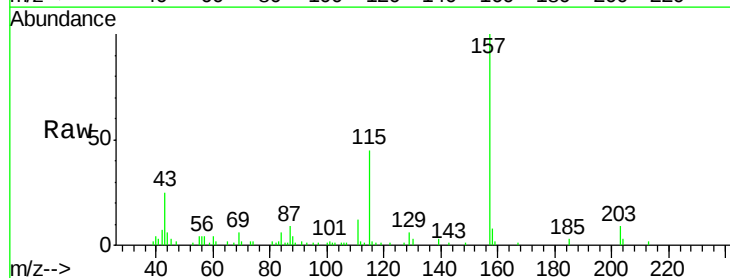
Instrument :
BNA_G
ClientSampleId :

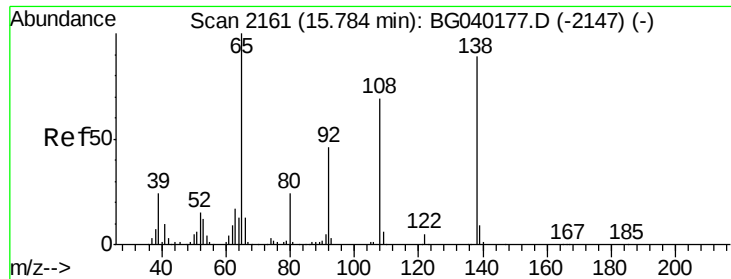
Tot Ion:149 Resp: 1968
Ion Ratio Lower Upper
149 100
177 31.1 19.1 28.7#
150 14.4 10.6 15.8



#61
4-Chlorophenyl-phenylether
Concen: 0.108 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.21 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:204 Resp: 443
Ion Ratio Lower Upper
204 100
206 0.0 25.7 38.5#
141 0.0 44.0 66.0#





#62

4-Nitroaniline

Concen: 0.028 ng

RT: 15.76 min Scan# 2156

Delta R.T. -0.03 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

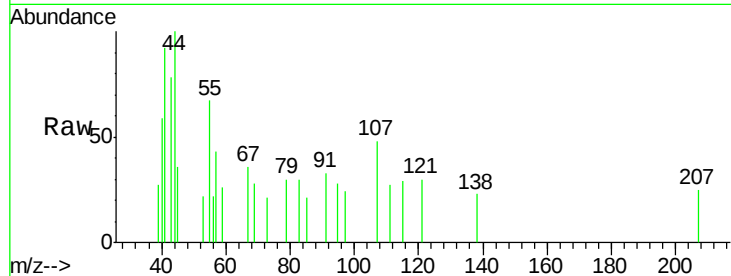
Tot Ion:138 Resp: 57

Ion Ratio Lower Upper

138 100

92 0.0 31.8 71.8#

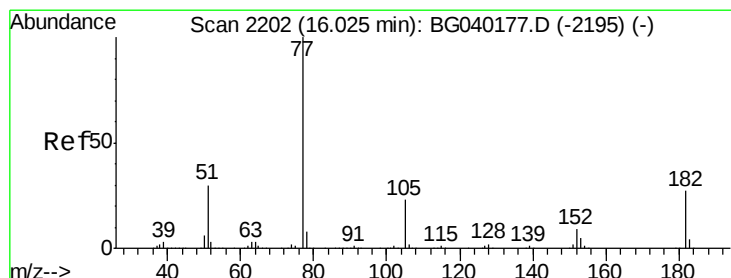
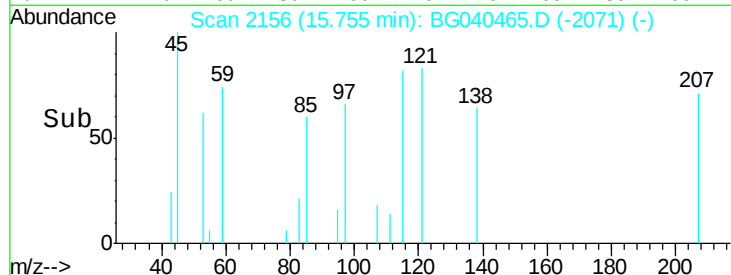
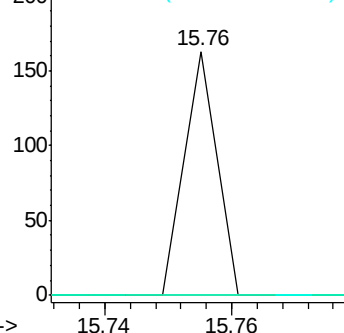
108 0.0 57.2 97.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 0.028 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

Tgt Ion: 77 Resp: 218

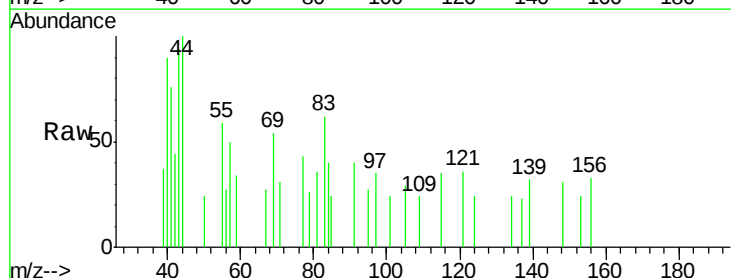
Ion Ratio Lower Upper

77 100

182 0.0 7.2 47.2#

105 67.6 2.8 42.8#

51 0.0 10.4 50.4#

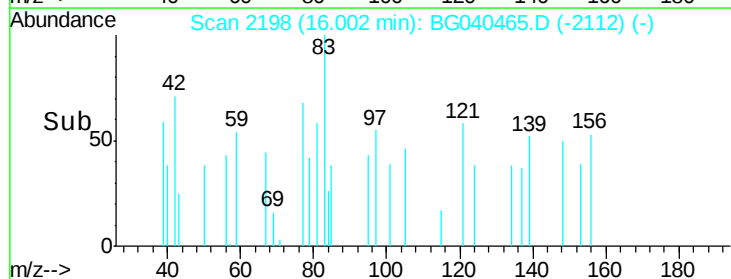
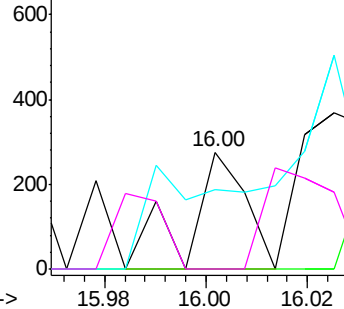


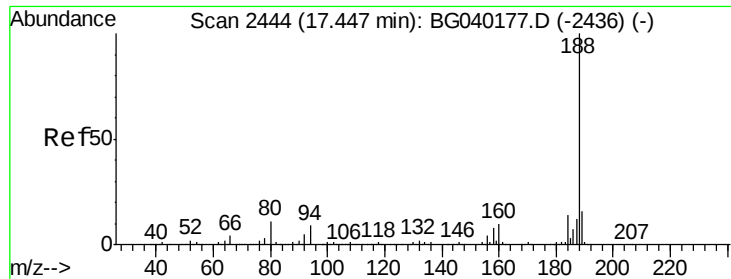
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

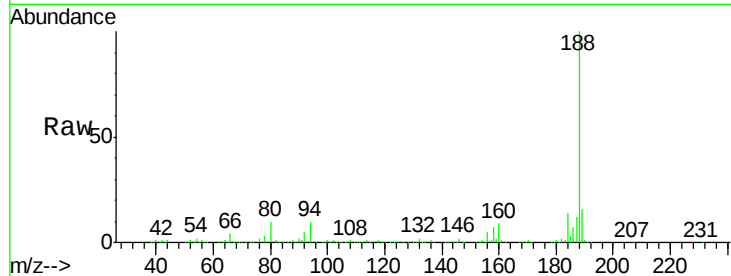
Tot Ion:188 Resp: 281291

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

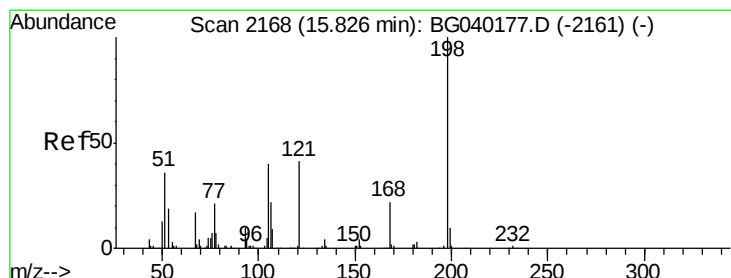
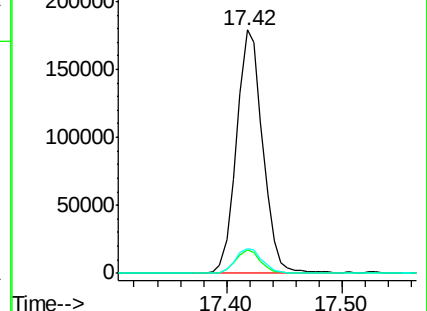
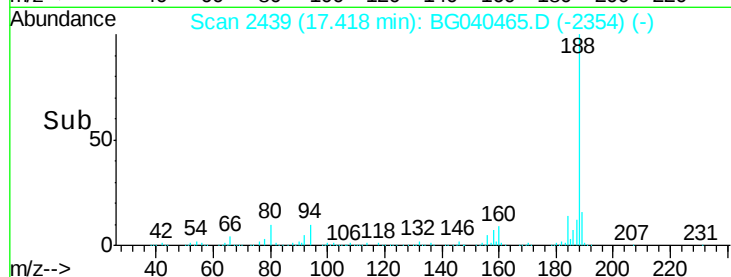
80 10.2 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 0.273 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.34 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

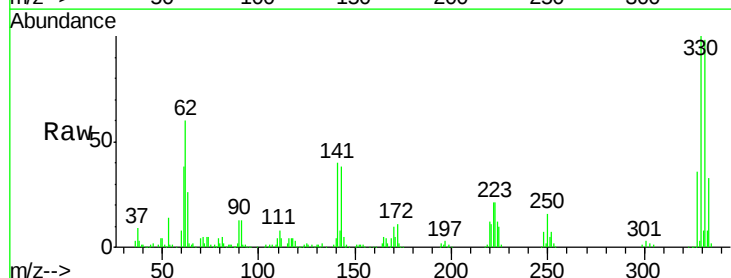
Tgt Ion:198 Resp: 432

Ion Ratio Lower Upper

198 100

51 144.3 27.3 67.3#

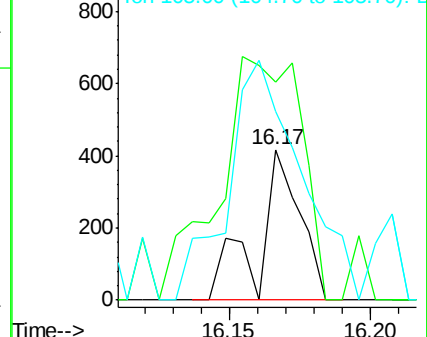
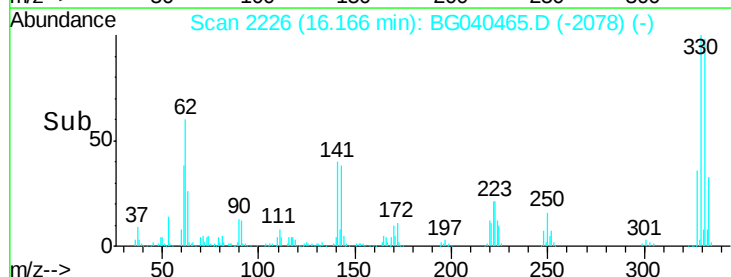
105 125.1 21.7 61.7#

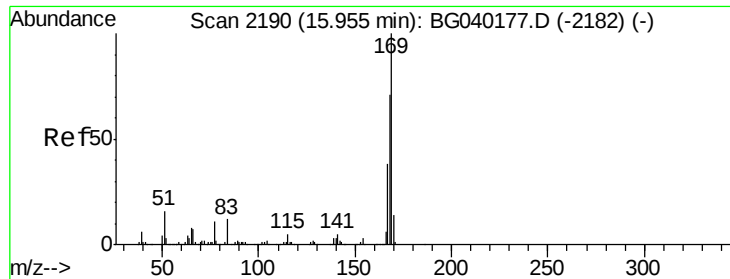


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

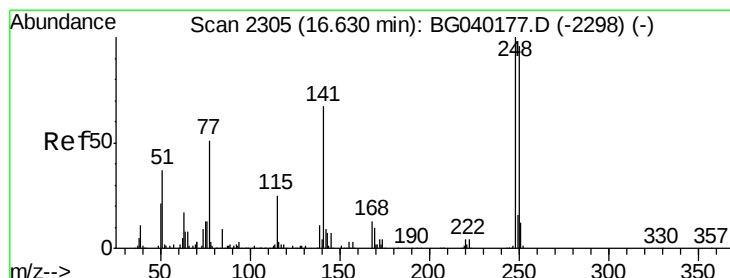
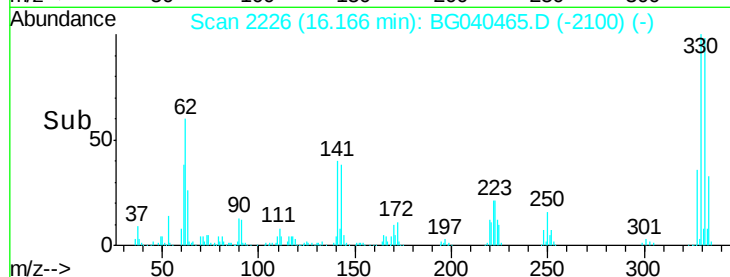
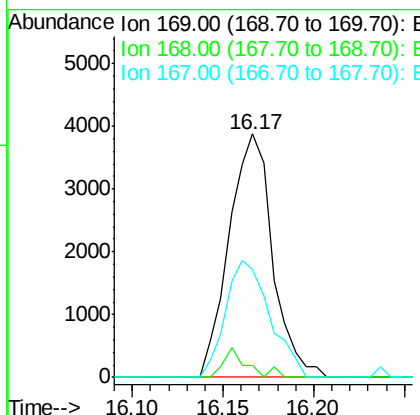
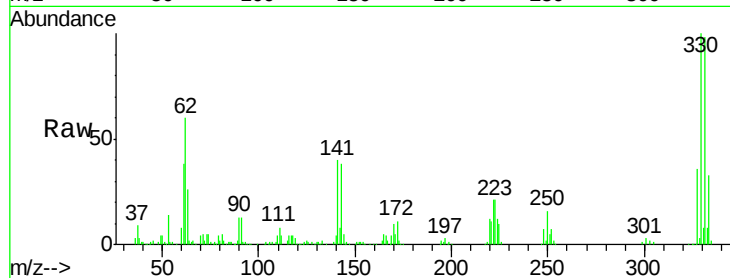




#66
 n-Nitrosodiphenylamine
 Concen: 0.783 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.21 min
 Lab File: BG040465.D
 Acq: 12 Apr 2019 17:29

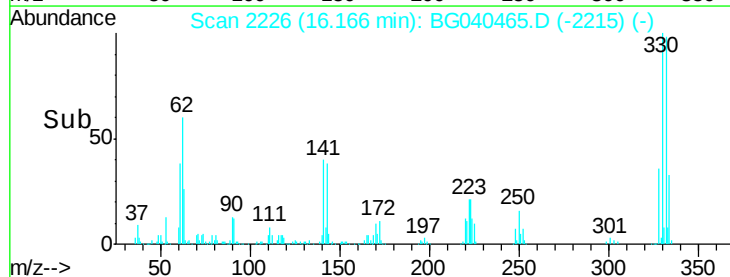
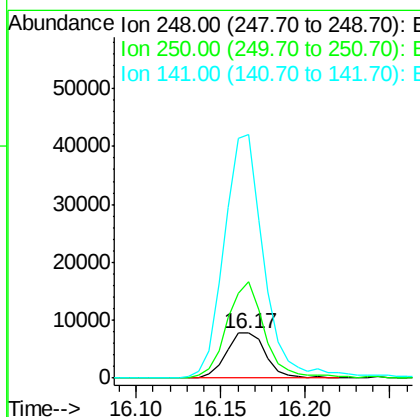
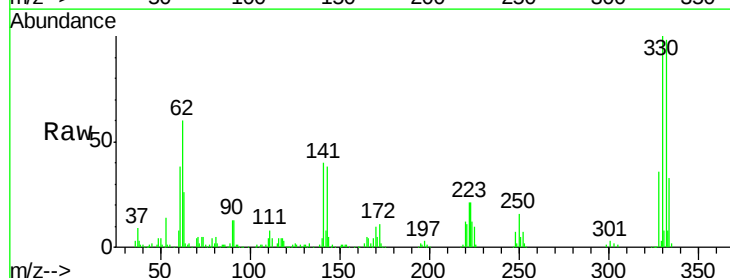
Instrument :
 BNA_G
 ClientSampleId :

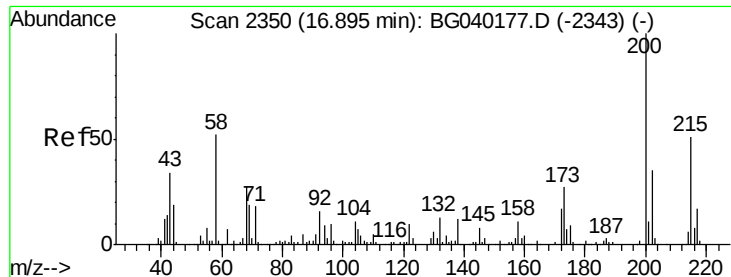
Tot Ion:169 Resp: 6443
 Ion Ratio Lower Upper
 169 100
 168 4.8 56.8 85.2#
 167 44.1 30.2 45.4



#67
 4-Bromophenyl-phenylether
 Concen: 3.993 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040465.D
 Acq: 12 Apr 2019 17:29

Tgt Ion:248 Resp: 12641
 Ion Ratio Lower Upper
 248 100
 250 213.4 76.4 114.6#
 141 539.6 53.8 80.8#

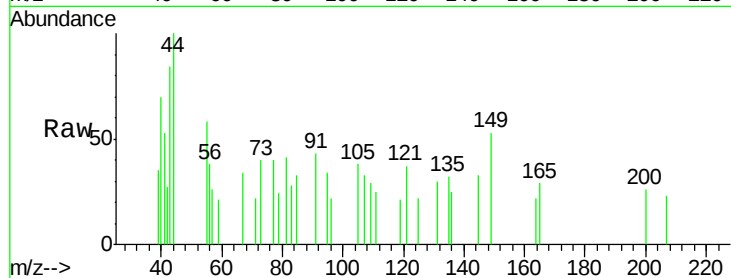




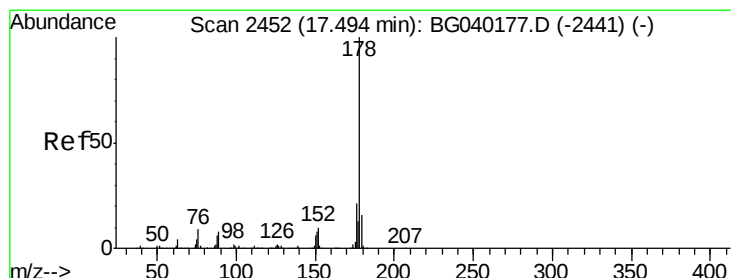
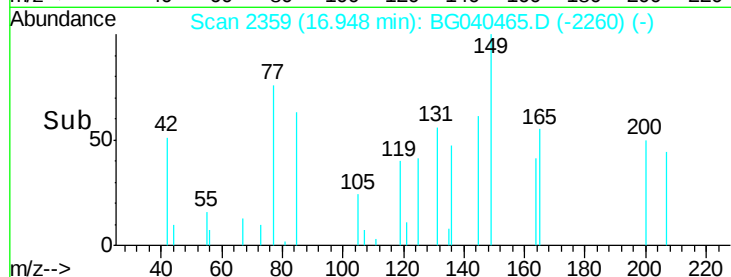
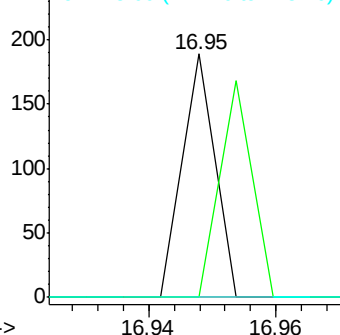
#69
Atrazine
Concen: 0.022 ng
RT: 16.95 min Scan# 2359
Delta R.T. 0.05 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 67
Ion Ratio Lower Upper
200 100
173 0.0 7.1 47.1#
215 0.0 30.9 70.9#

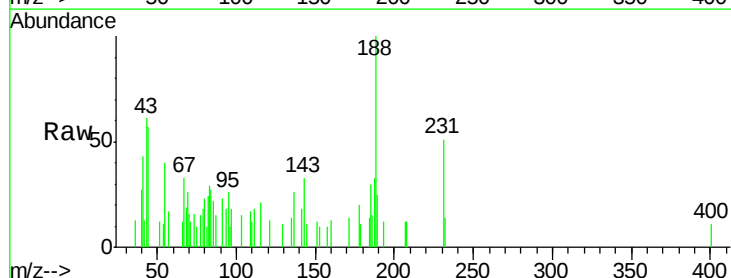


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

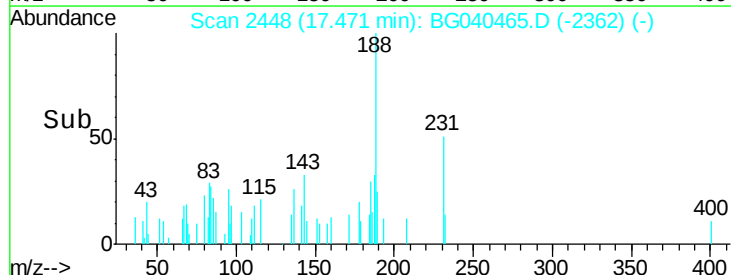
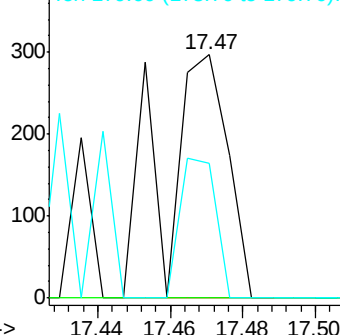


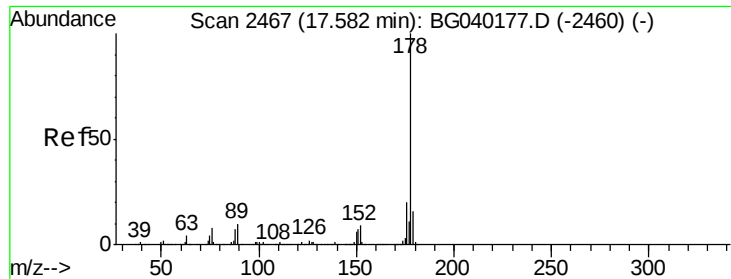
#71
Phenanthrene
Concen: 0.025 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:178 Resp: 365
Ion Ratio Lower Upper
178 100
176 0.0 16.7 25.1#
179 55.6 12.8 19.2#



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: 0.017 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_G

ClientSampled :

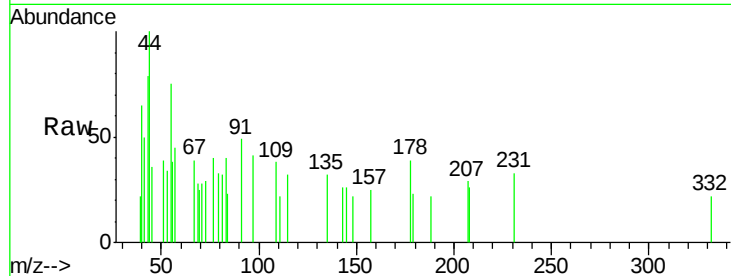
Tot Ion:178 Resp: 248

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

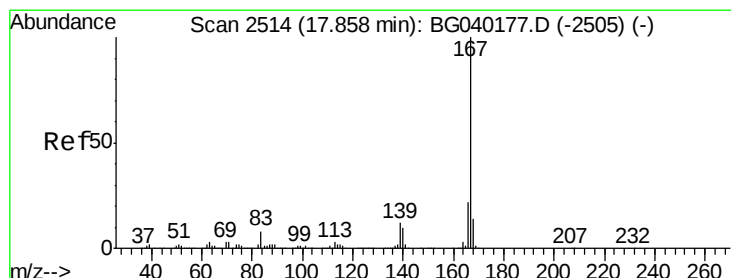
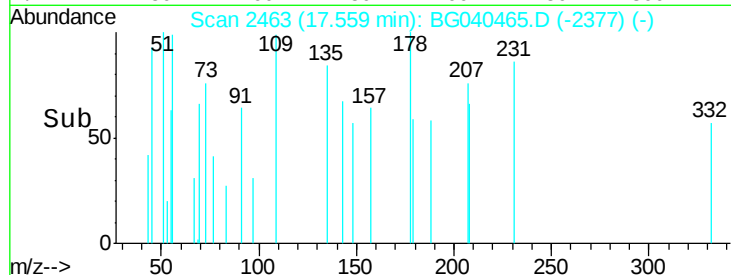
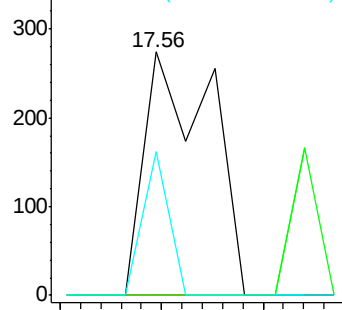
179 59.1 12.9 19.3#



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



#73

Carbazole

Concen: 0.014 ng

RT: 17.83 min Scan# 2510

Delta R.T. -0.02 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

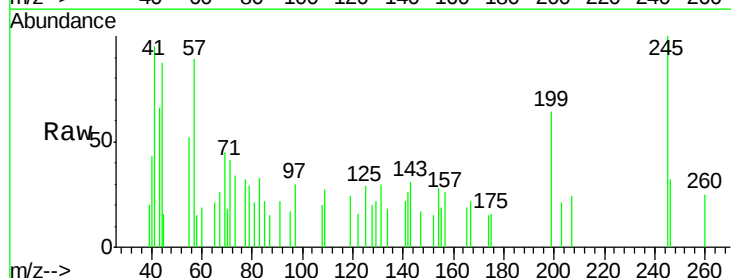
Tgt Ion:167 Resp: 197

Ion Ratio Lower Upper

167 100

166 0.0 17.5 26.3#

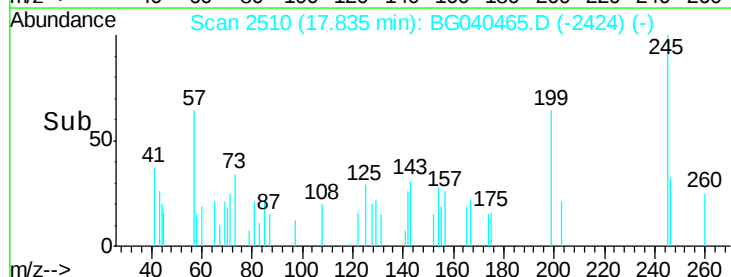
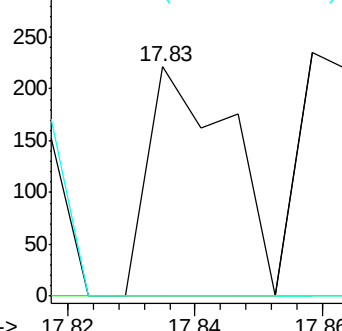
139 0.0 10.0 15.0#

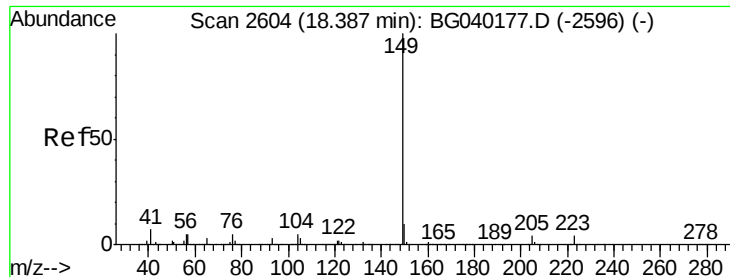


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

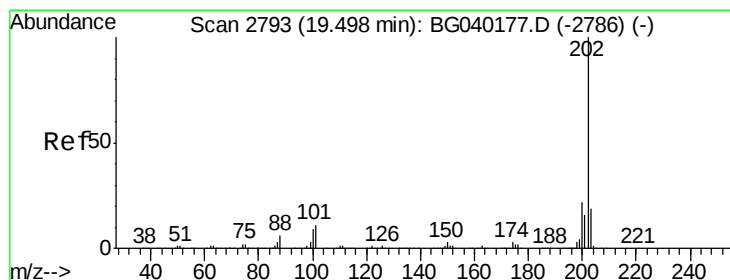
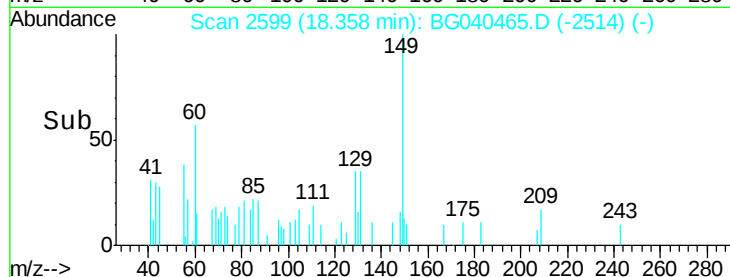
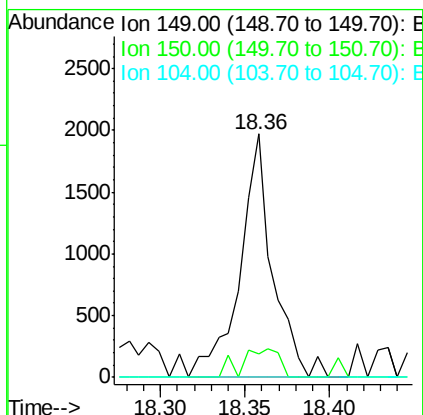
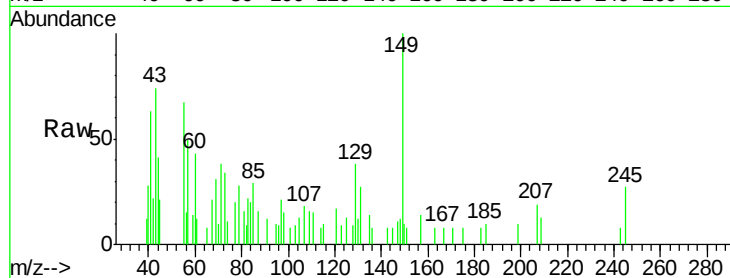




#74
Di-n-butylphthalate
Concen: 0.160 ng
RT: 18.36 min Scan# 2599
Delta R.T. -0.03 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

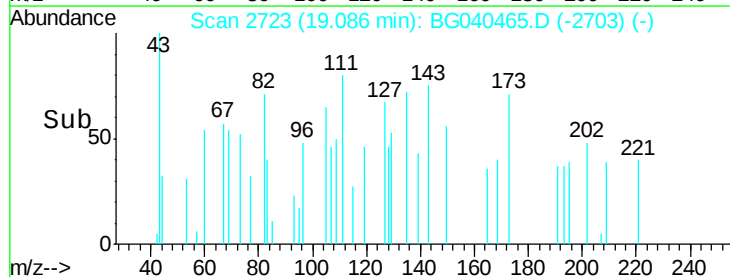
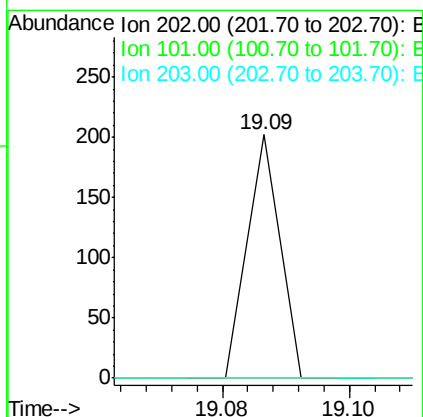
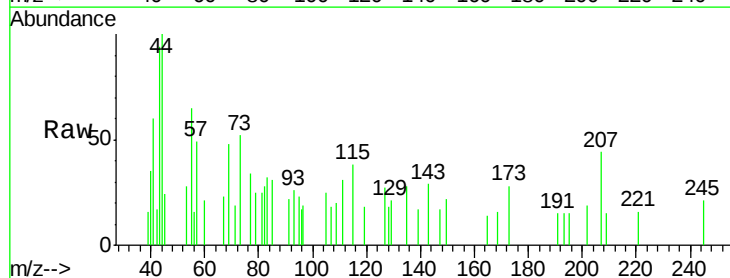
Instrument :
BNA_G
ClientSampled :

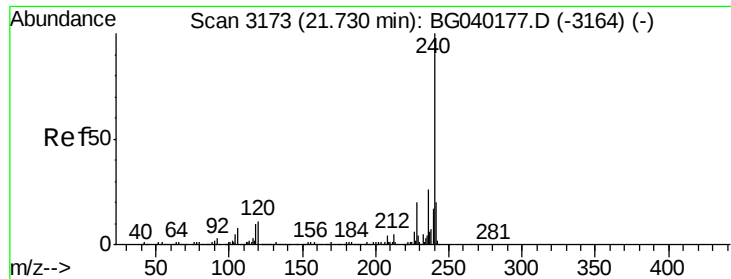
Tot Ion:149 Resp: 2661
Ion Ratio Lower Upper
149 100
150 9.7 7.9 11.9
104 0.0 4.1 6.1#



#75
Fluoranthene
Concen: 0.004 ng
RT: 19.09 min Scan# 2723
Delta R.T. -0.41 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:202 Resp: 71
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.8
203 0.0 0.0 38.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

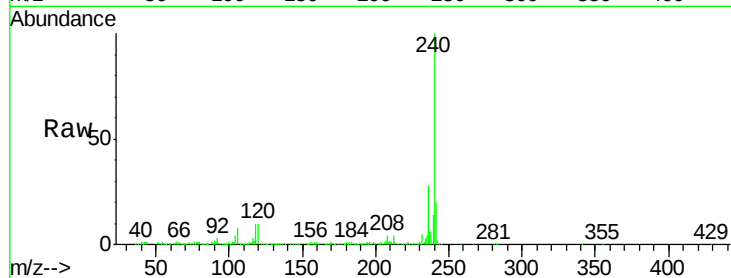
Tot Ion:240 Resp: 316245

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

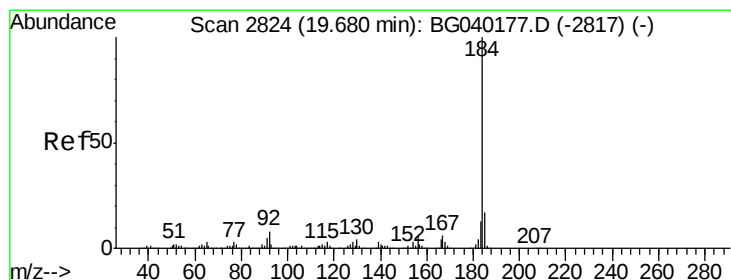
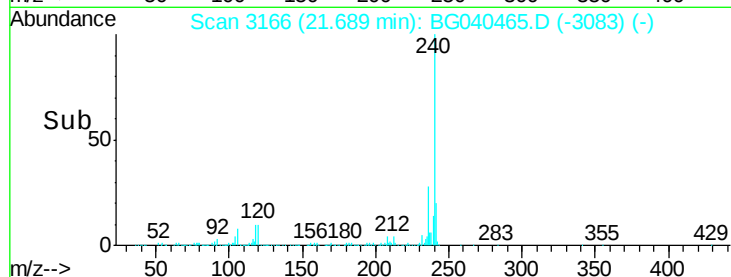
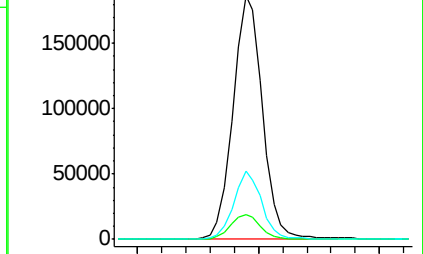
236 27.9 20.8 31.2



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



#77

Benzidine

Concen: 1.584 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.34 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

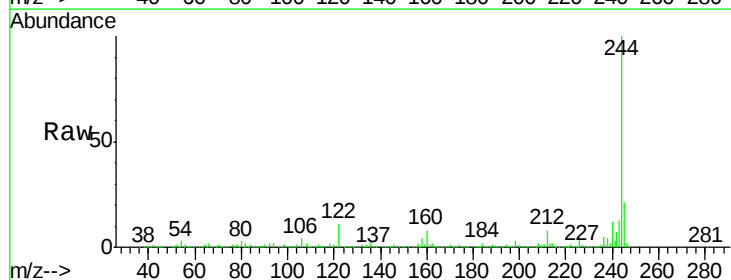
Tgt Ion:184 Resp: 18089

Ion Ratio Lower Upper

184 100

185 18.3 13.3 19.9

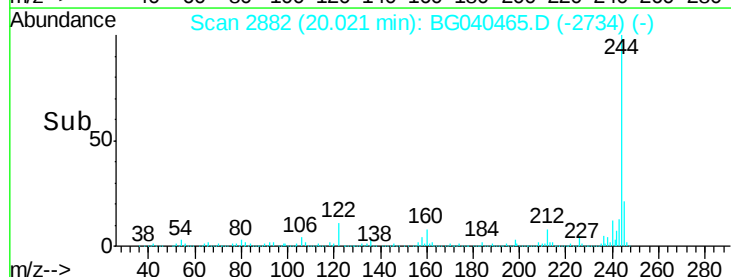
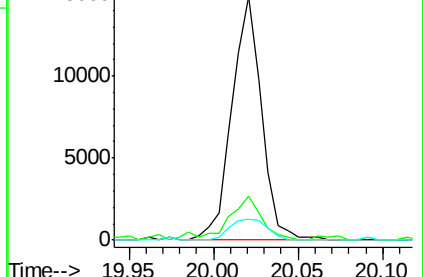
183 8.4 10.3 15.5#

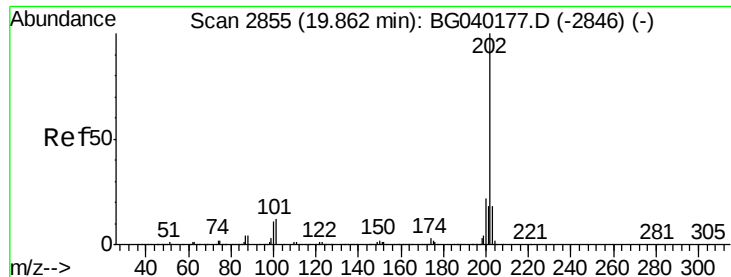


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 0.223 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.16 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

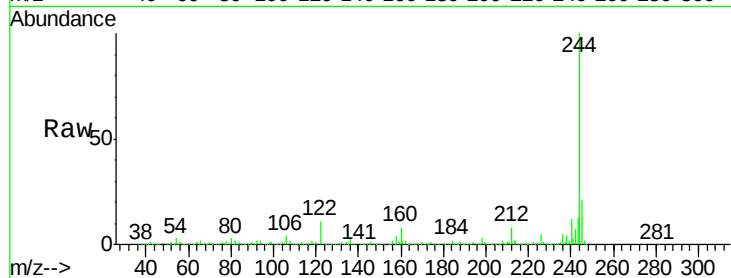
Tot Ion:202 Resp: 4645

Ion Ratio Lower Upper

202 100

200 42.1 17.3 25.9#

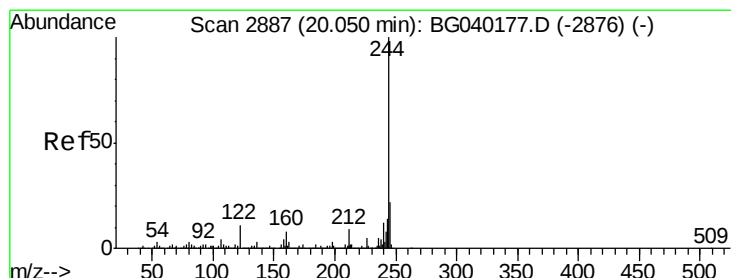
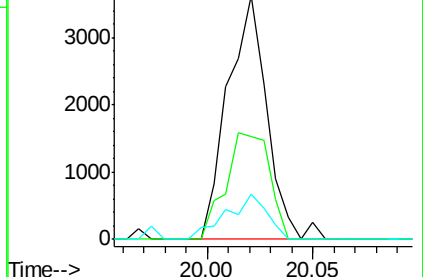
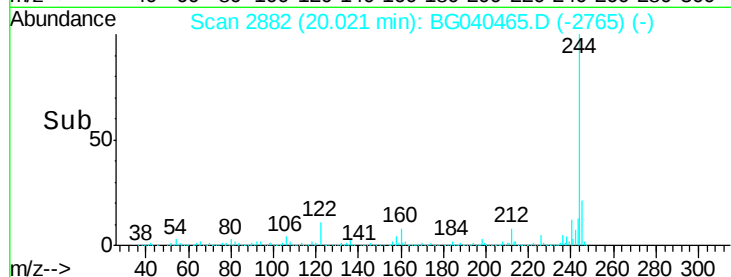
203 18.6 14.6 22.0



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: 78.369 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

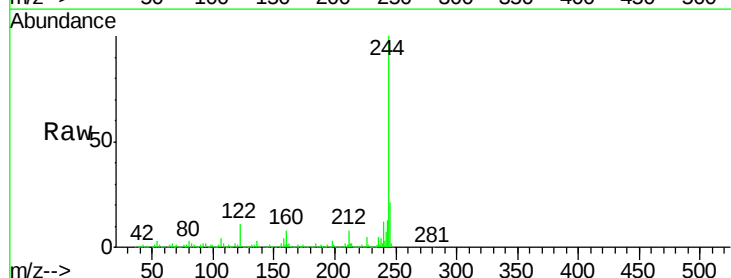
Tgt Ion:244 Resp: 1101677

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

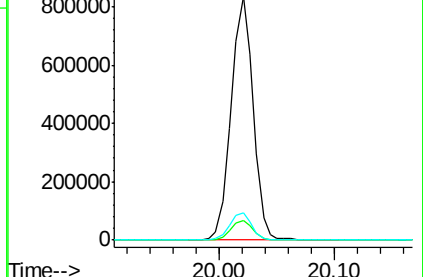
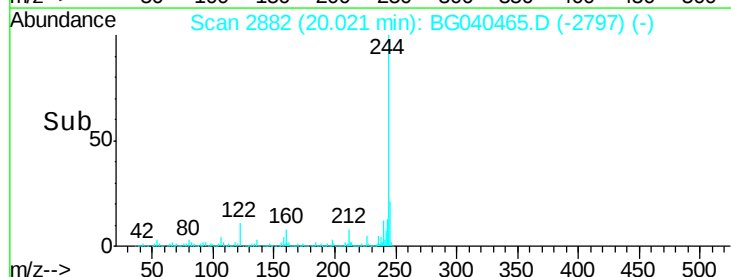
122 11.0 8.5 12.7

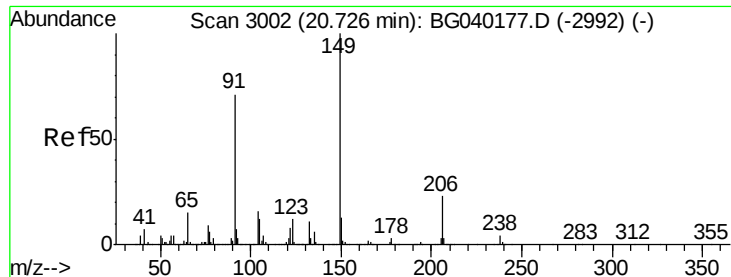


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

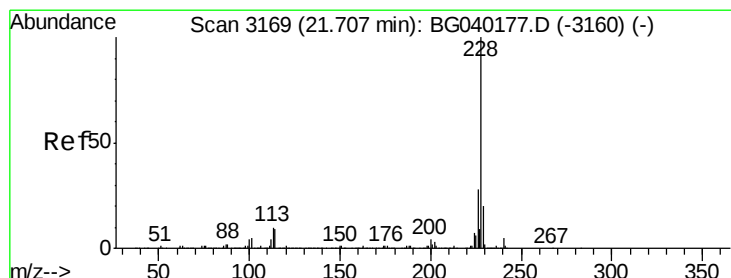
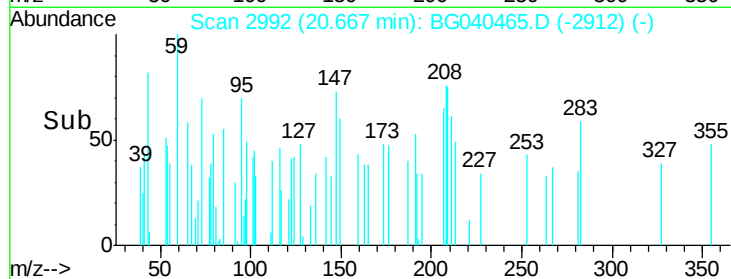
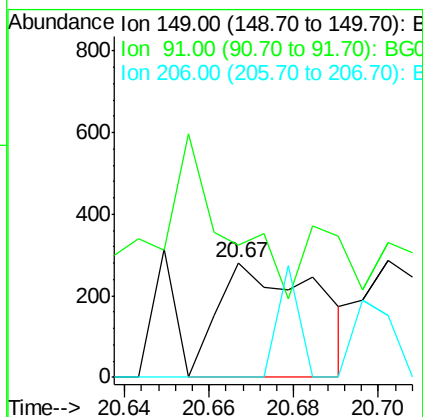
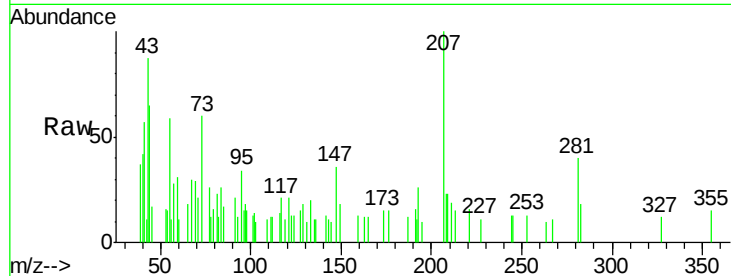




#80
Butylbenzylphthalate
Concen: 0.051 ng
RT: 20.67 min Scan# 2992
Delta R.T. -0.06 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

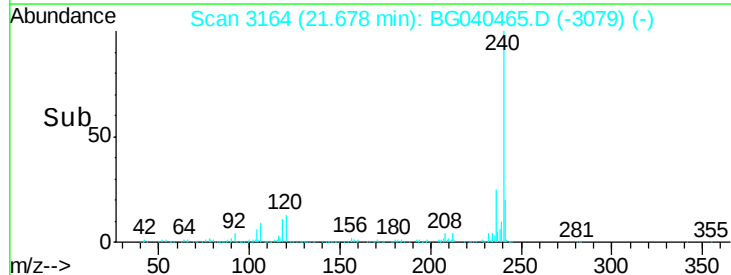
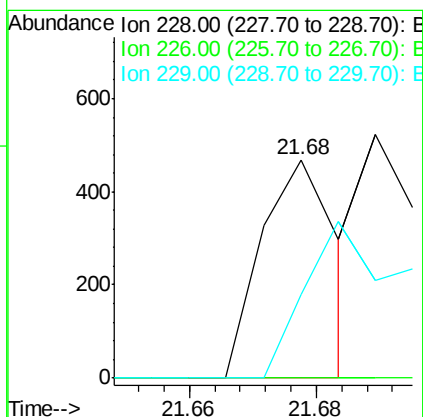
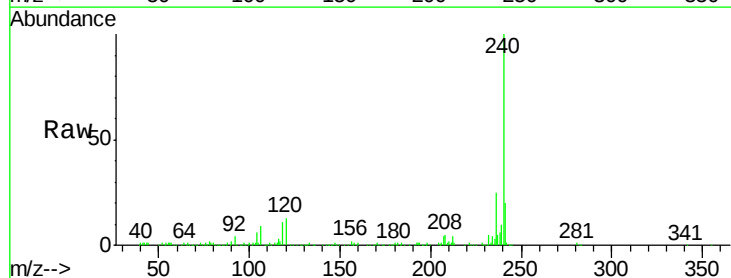
Instrument :
BNA_G
ClientSampleId :

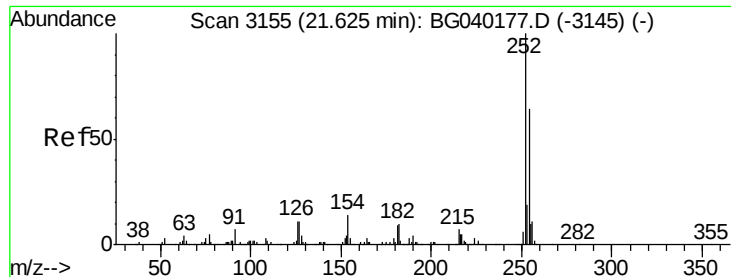
Tot Ion	Ratio	Lower	Upper
149	100		
91	115.3	57.0	85.4#
206	0.0	18.2	27.4#



#81
Benzo(a)anthracene
Concen: 0.020 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	34.0#
229	38.0	16.1	24.1#





#82

3,3'-Dichlorobenzidine

Concen: 0.008 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BG040465.D

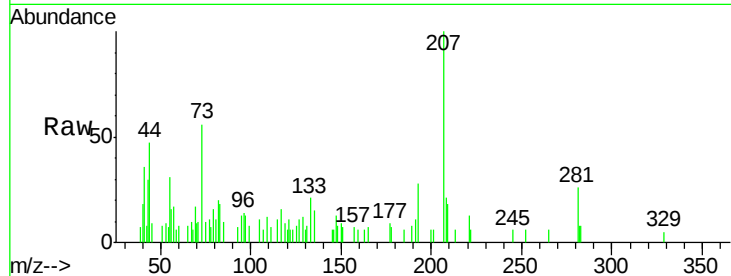
Acq: 12 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

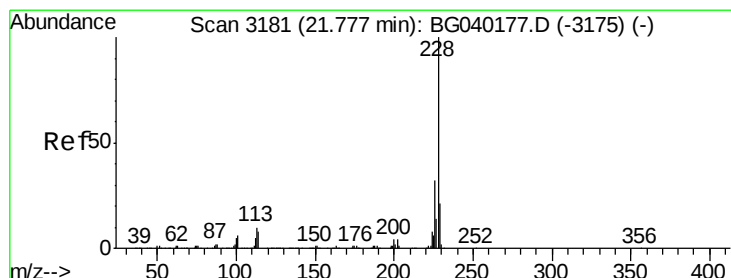
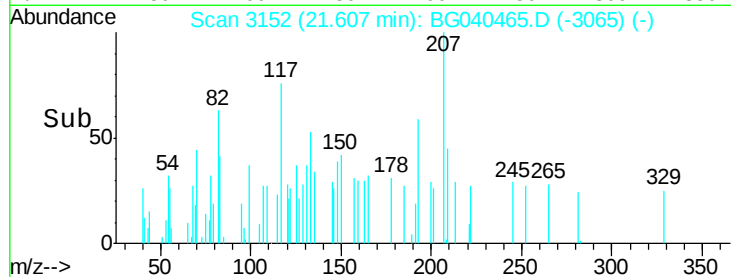
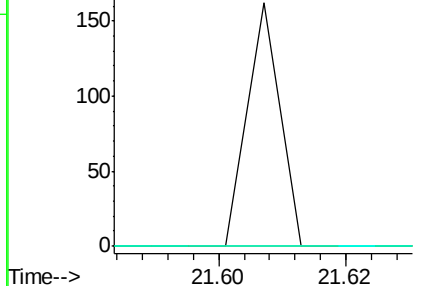
Tot Ion:	252	Resp:	57
Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.2#
126	0.0	8.5	12.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 0.004 ng

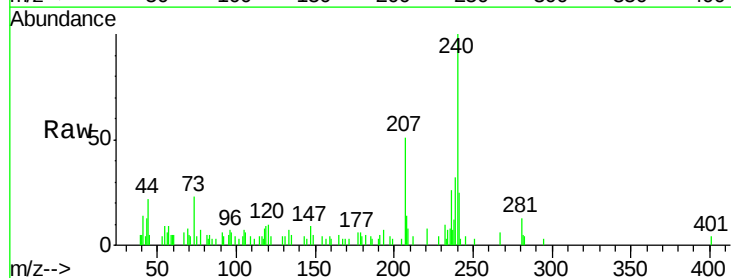
RT: 21.72 min Scan# 3172

Delta R.T. -0.05 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

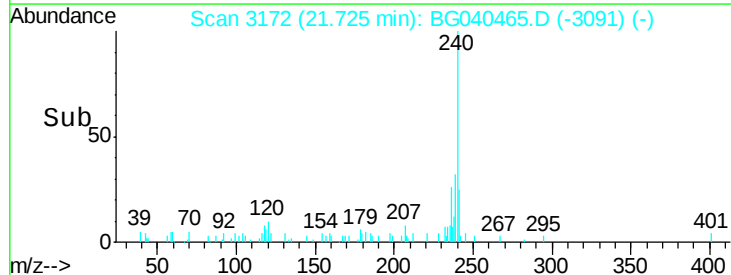
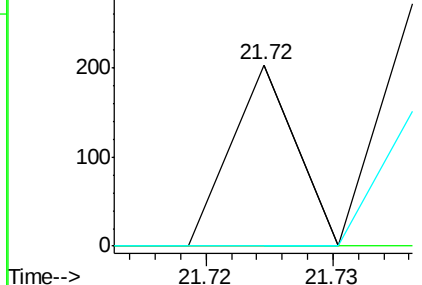
Tgt Ion:	228	Resp:	72
Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.0#
229	0.0	17.0	25.4#

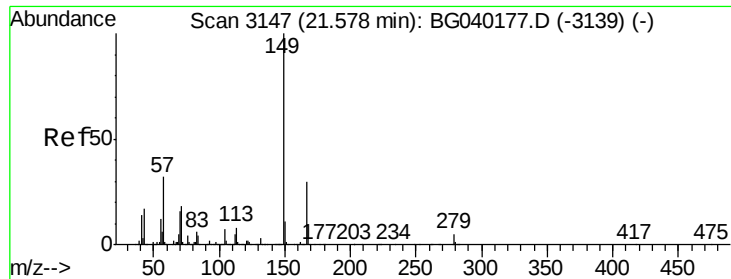


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

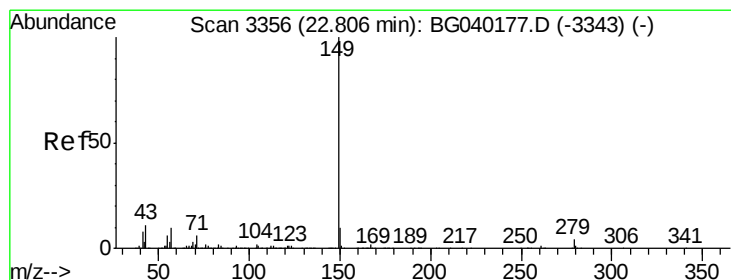
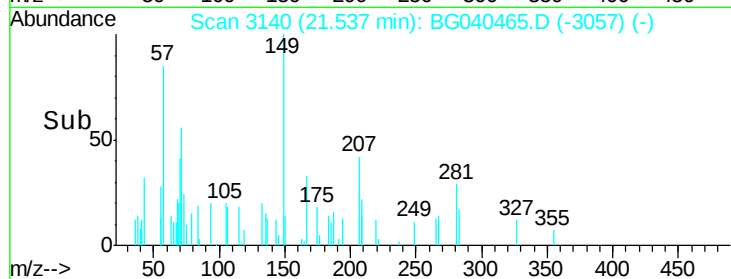
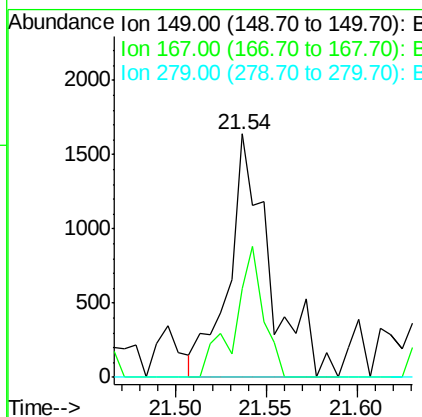
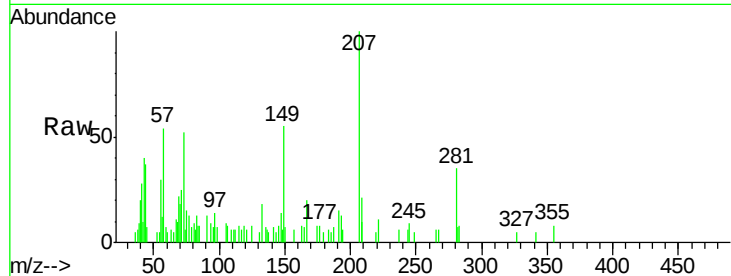




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.204 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.04 min
 Lab File: BG040465.D
 Acq: 12 Apr 2019 17:29

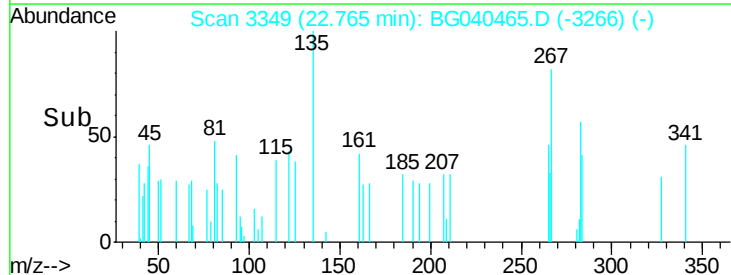
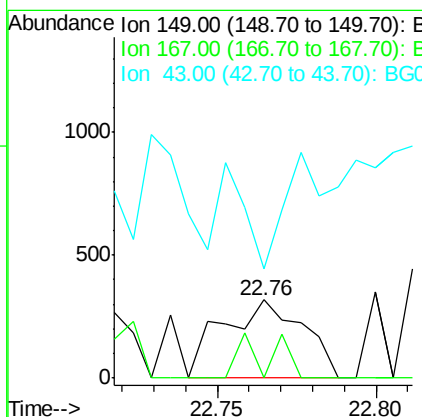
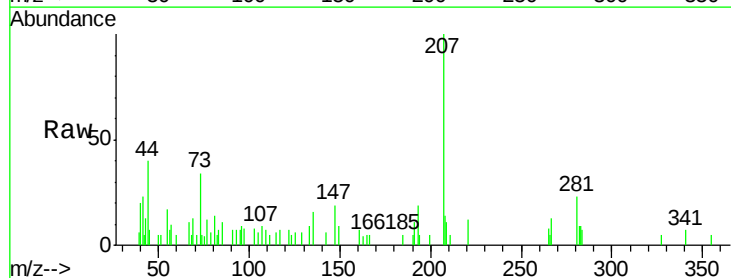
Instrument :
 BNA_G
 ClientSampleID :

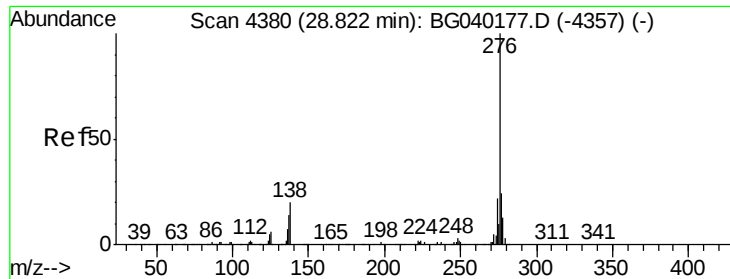
Tot Ion	Ratio	Lower	Upper
149	100		
167	36.3	24.1	36.1#
279	0.0	4.1	6.1#



#85
 Di-n-octyl phthalate
 Concen: 0.026 ng
 RT: 22.76 min Scan# 3349
 Delta R.T. -0.04 min
 Lab File: BG040465.D
 Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.0	1.4	2.0#
43	0.0	8.7	13.1#

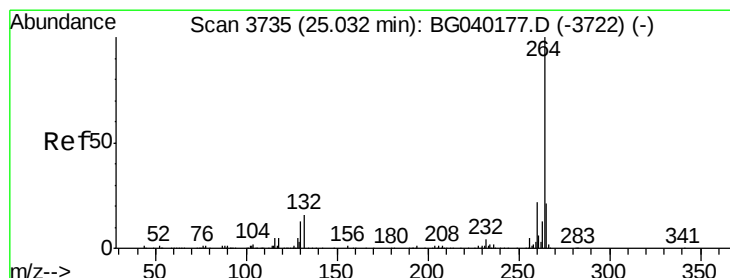
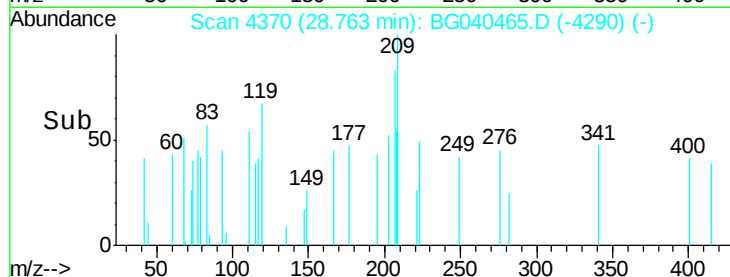
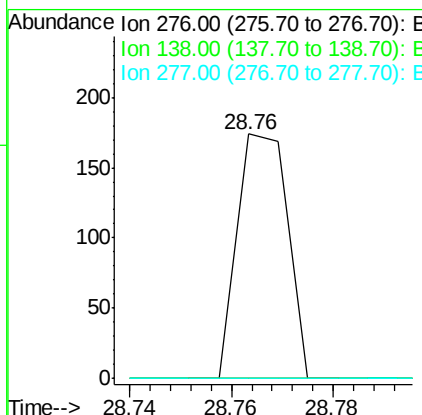
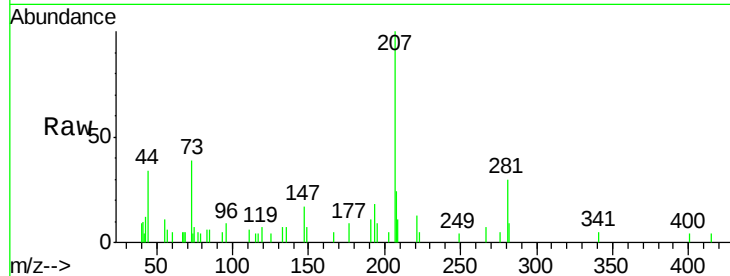




#86
Indeno(1,2,3-cd)pyrene
Concen: 0.005 ng
RT: 28.76 min Scan# 4370
Delta R.T. -0.06 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

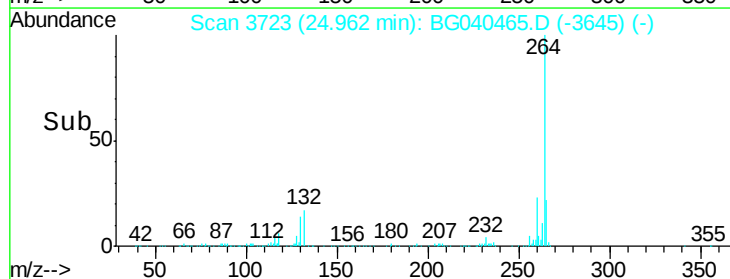
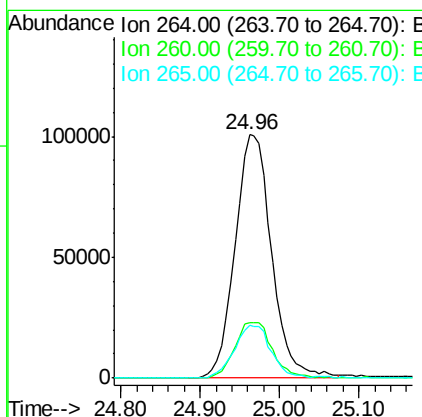
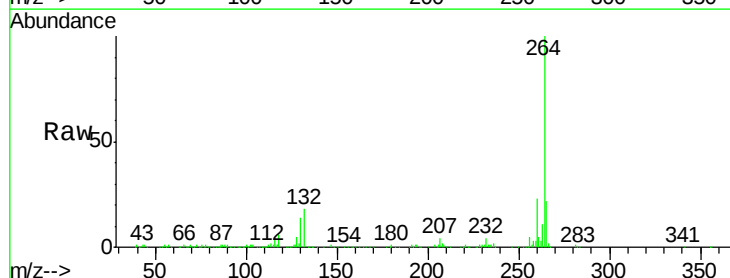
Instrument :
BNA_G
ClientSampleId :

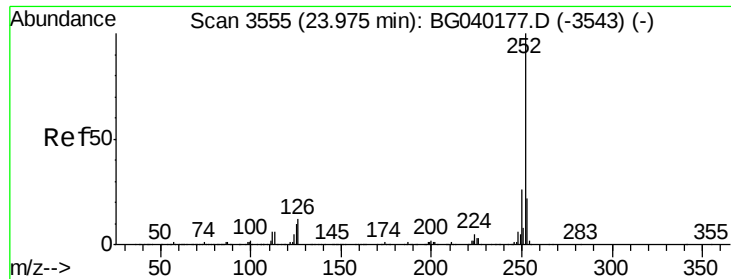
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.8	28.2#
277	0.0	21.0	31.4#



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.07 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	21.8	16.8	25.2





#88

Benzo(b)fluoranthene

Concen: 0.007 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

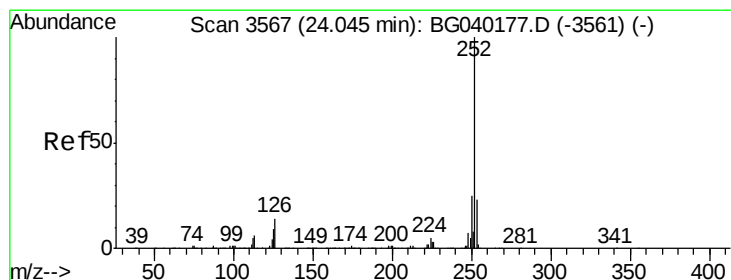
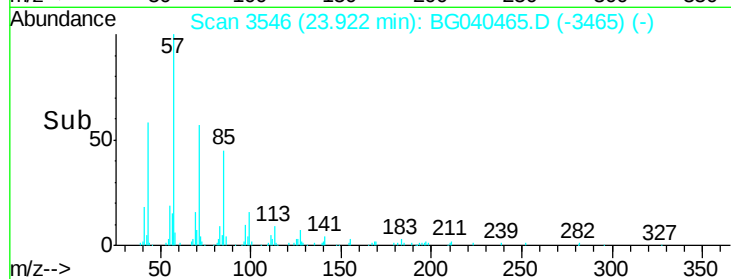
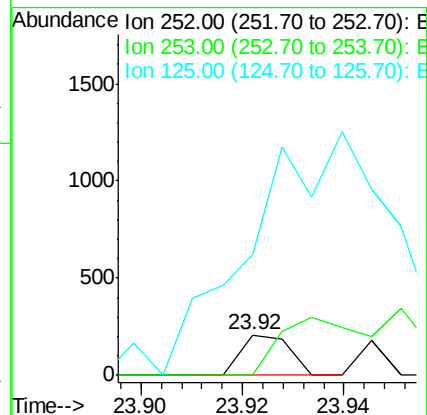
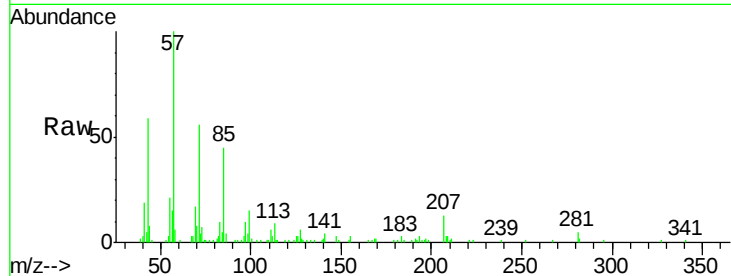
Tot Ion:252 Resp: 140

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

125 296.2 8.2 12.4#



#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.10 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

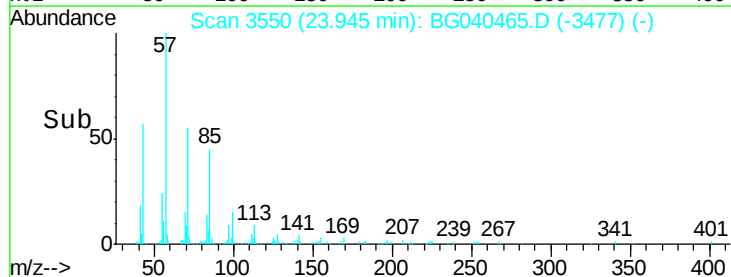
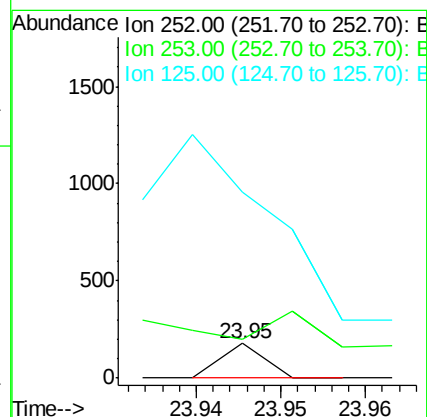
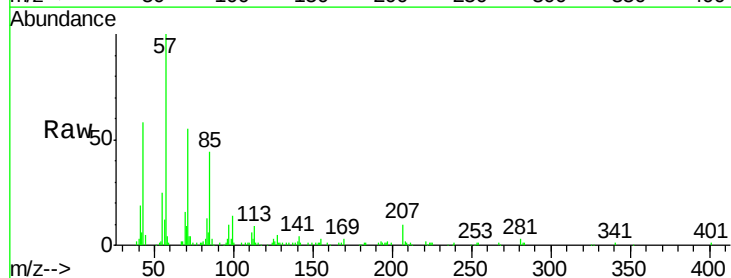
Tgt Ion:252 Resp: 63

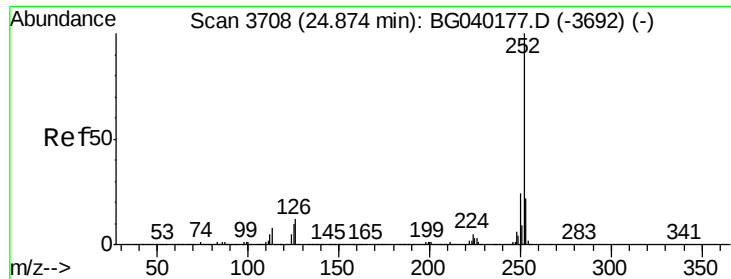
Ion Ratio Lower Upper

252 100

253 112.3 18.6 28.0#

125 534.1 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 0.003 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.09 min

Lab File: BG040465.D

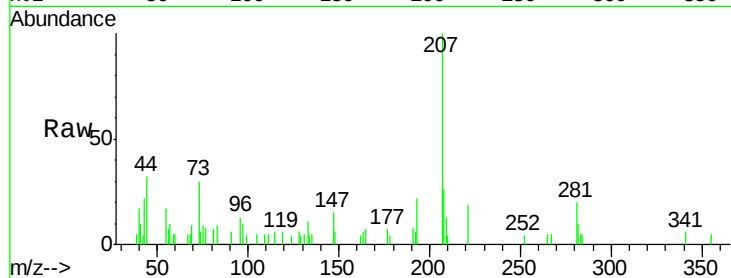
Acq: 12 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

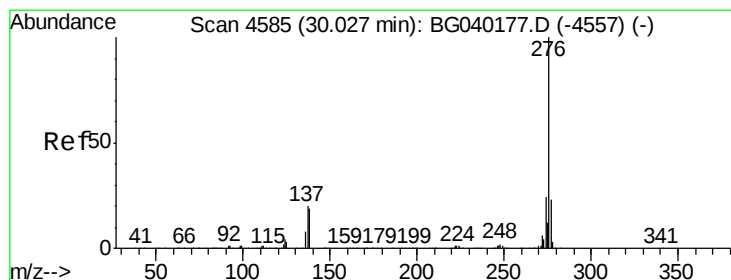
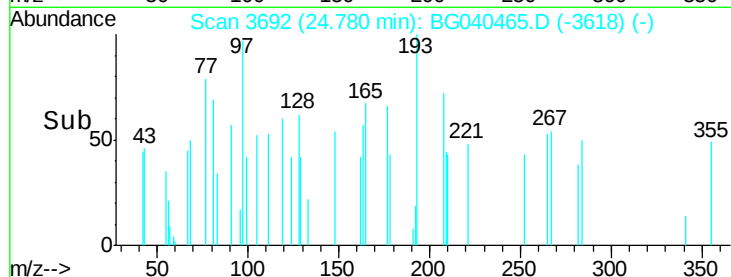
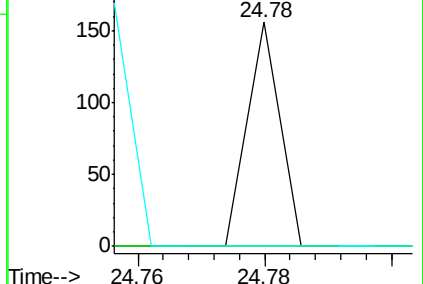
Tot Ion:	252	Resp:	55
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	8.3	12.5#



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



#92

Benzo(g,h,i)perylene

Concen: 0.003 ng

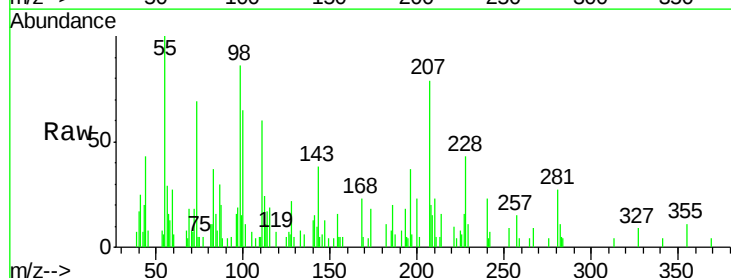
RT: 29.79 min Scan# 4544

Delta R.T. -0.24 min

Lab File: BG040465.D

Acq: 12 Apr 2019 17:29

Tgt Ion:	276	Resp:	60
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	28.0#
138	0.0	15.2	22.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

