

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG043019\
 Data File : BG040675.D
 Acq On : 30 Apr 2019 17:10
 Operator : JU/SJ
 Sample : PB119139BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 30 22:43:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	32464	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	135632	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	99208	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	261639	20.00	ng	-0.01
76) Chrysene-d12	21.80	240	299880	20.00	ng	-0.02
87) Perylene-d12	25.16	264	286337	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	274981	149.31	ng	0.00
7) Phenol-d6	7.29	99	392722	138.50	ng	0.00
23) Nitrobenzene-d5	9.32	82	236901	80.71	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	197919	145.14	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	506826	73.78	ng	-0.01
79) Terphenyl-d14	20.11	244	1074552	79.38	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	45037	53.772	ng	92
3) Pyridine	3.95	79	94699	39.008	ng	96
4) n-Nitrosodimethylamine	3.87	42	56368	41.861	ng	# 99
6) Aniline	7.47	93	109937	29.250	ng	99
8) 2-Chlorophenol	7.70	128	96459	42.895	ng	94
9) Benzaldehyde	7.28	77	86853	57.189	ng	93
10) Phenol	7.31	94	138819	45.542	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	92332	40.395	ng	99
12) 1,3-Dichlorobenzene	8.03	146	99093	40.373	ng	97
13) 1,4-Dichlorobenzene	8.18	146	103970	41.786	ng	99
14) 1,2-Dichlorobenzene	8.50	146	99487	41.460	ng	97
15) Benzyl Alcohol	8.38	79	117059	39.674	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	165222	36.306	ng	96
17) 2-Methylphenol	8.57	107	93863	43.513	ng	96
18) Hexachloroethane	9.24	117	38013	37.243	ng	93
19) n-Nitroso-di-n-propylamine	8.95	70	94914	37.184	ng	96
20) 3+4-Methylphenols	8.90	107	130525	43.435	ng	99
22) Acetophenone	8.98	105	162707	43.140	ng	# 94
24) Nitrobenzene	9.37	77	142663	45.552	ng	97
25) Isophorone	9.88	82	258114	39.476	ng	98
26) 2-Nitrophenol	10.08	139	53123	47.320	ng	91
27) 2,4-Dimethylphenol	10.12	122	106899	50.750	ng	90
28) bis(2-Chloroethoxy)methane	10.36	93	134974	41.144	ng	95
29) 2,4-Dichlorophenol	10.61	162	112808	47.108	ng	97
30) 1,2,4-Trichlorobenzene	10.83	180	112652	42.421	ng	98
31) Naphthalene	11.02	128	303980	42.186	ng	99
32) Benzoic acid	10.22	122	69642	48.296	ng	96
33) 4-Chloroaniline	11.13	127	79379	24.846	ng	94
34) Hexachlorobutadiene	11.29	225	82593	42.128	ng	99
35) Caprolactam	11.90	113	40590	42.932	ng	95
36) 4-Chloro-3-methylphenol	12.22	107	134105	44.392	ng	97
37) 2-Methylnaphthalene	12.61	142	229673	42.630	ng	98
38) 1-Methylnaphthalene	12.83	142	218126	41.421	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	153394	41.506	ng	99

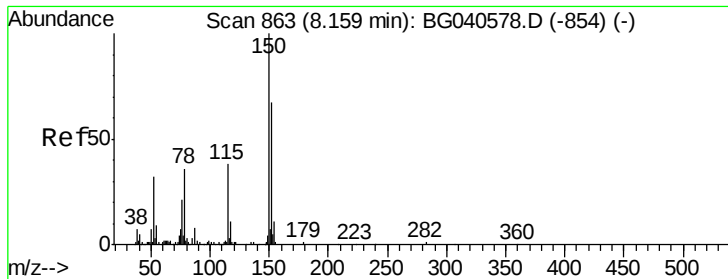
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG043019\
 Data File : BG040675.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	197974	90.781	nq	98
43) 2,4,6-Trichlorophenol	13.21	196	105078	47.049	nq	93
44) 2,4,5-Trichlorophenol	13.28	196	114280	46.972	nq	98
46) 1,1'-Biphenyl	13.61	154	316872	41.138	nq	99
47) 2-Chloronaphthalene	13.66	162	253219	42.007	nq	98
48) 2-Nitroaniline	13.87	65	105437	49.138	nq	99
49) Acenaphthylene	14.50	152	412614	40.345	nq	99
50) Dimethylphthalate	14.22	163	359862	43.354	nq	98
51) 2,6-Dinitrotoluene	14.35	165	76597	47.282	nq	93
52) Acenaphthene	14.84	154	237543	39.883	nq	97
53) 3-Nitroaniline	14.68	138	52120	31.400	nq	# 94
54) 2,4-Dinitrophenol	14.88	184	86385	93.272	nq	# 77
55) Dibenzofuran	15.18	168	414499	42.489	nq	100
56) 4-Nitrophenol	14.97	139	137663	95.646	nq	90
57) 2,4-Dinitrotoluene	15.14	165	111850	50.810	nq	# 92
58) Fluorene	15.82	166	326727	41.437	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	121992	49.818	nq	97
60) Diethylphthalate	15.58	149	374787	42.795	nq	98
61) 4-Chlorophenyl-phenylether	15.81	204	198436	43.271	nq	97
62) 4-Nitroaniline	15.85	138	84060	45.272	nq	91
63) Azobenzene	16.10	77	370995	41.134	nq	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	57641	45.198	nq	95
66) n-Nitrosodiphenylamine	16.02	169	310259	40.305	nq	97
67) 4-Bromophenyl-phenylether	16.70	248	133156	40.850	nq	94
68) Hexachlorobenzene	16.82	284	138584	41.117	nq	97
69) Atrazine	16.96	200	133244	43.689	nq	99
70) Pentachlorophenol	17.16	266	177302	89.896	nq	97
71) Phenanthrene	17.56	178	592199	42.022	nq	99
72) Anthracene	17.66	178	614325	43.368	nq	99
73) Carbazole	17.93	167	553948	42.923	nq	98
74) Di-n-butylphthalate	18.46	149	649274	41.681	nq	99
75) Fluoranthene	19.57	202	801239	45.624	nq	98
77) Benzidine	19.74	184	289219	35.224	nq	99
78) Pyrene	19.92	202	791846	42.130	nq	100
80) Butylbenzylphthalate	20.80	149	300614	41.037	nq	93
81) Benzo(a)anthracene	21.79	228	758877	40.041	nq	98
82) 3,3'-Dichlorobenzidine	21.70	252	182433	27.006	nq	# 96
83) Chrysene	21.85	228	746677	41.426	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	411551	38.920	nq	99
85) Di-n-octyl phthalate	22.92	149	703340	39.494	nq	98
86) Indeno(1,2,3-cd)pyrene	29.01	276	865926	39.735	nq	# 97
88) Benzo(b)fluoranthene	24.08	252	756738	43.248	nq	98
89) Benzo(k)fluoranthene	24.08	252	756738	46.309	nq	98
90) Benzo(a)pyrene	25.00	252	746918	45.096	nq	100
91) Dibenzo(a,h)anthracene	29.10	278	720067	42.960	nq	97
92) Benzo(g,h,i)perylene	30.24	276	710521	42.594	nq	99

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

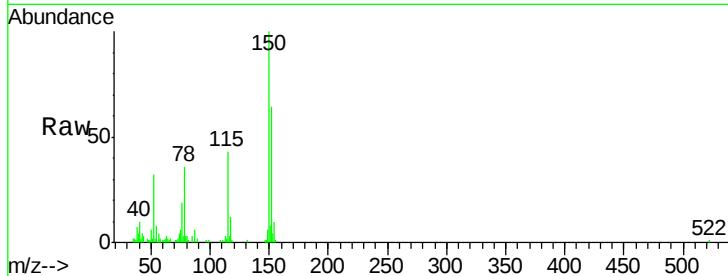


#1

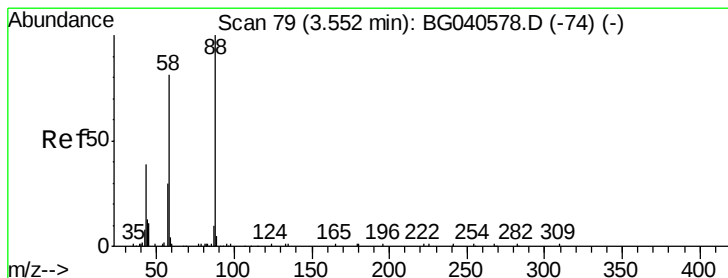
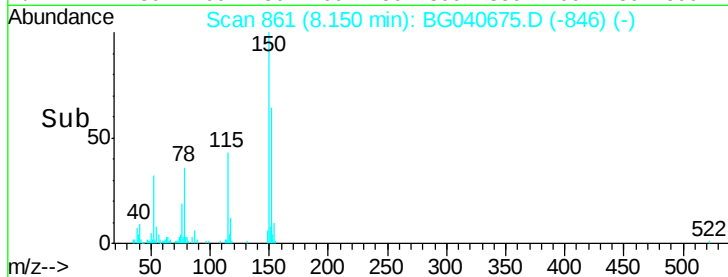
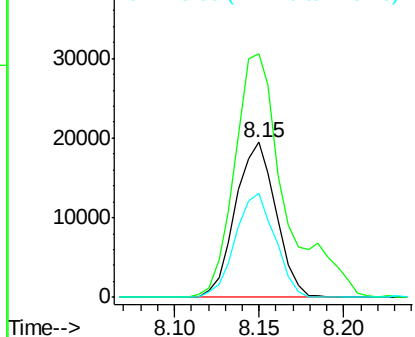
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32464
Ion Ratio Lower Upper
152 100
150 157.0 120.2 180.2
115 67.4 46.2 69.2



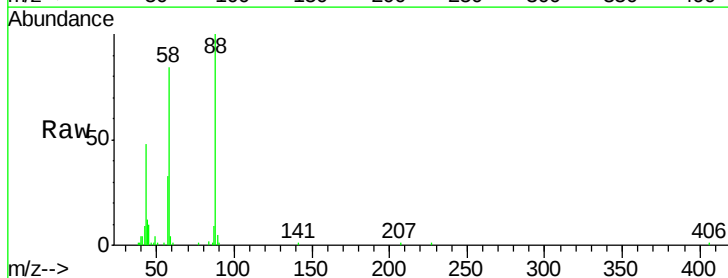
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



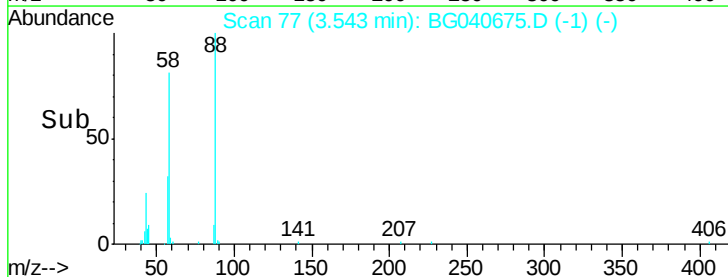
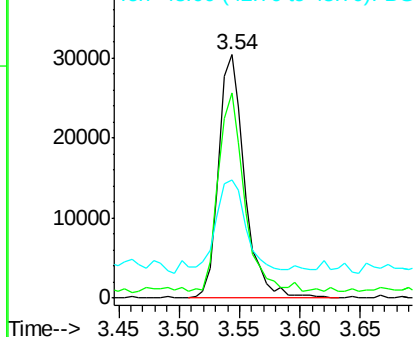
#2

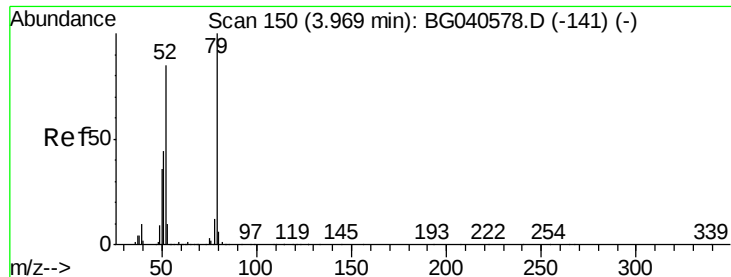
1,4-Dioxane
Concen: 53.772 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Tgt Ion: 88 Resp: 45037
Ion Ratio Lower Upper
88 100
58 80.2 71.2 106.8
43 47.5 35.6 53.4



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: 39.008 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

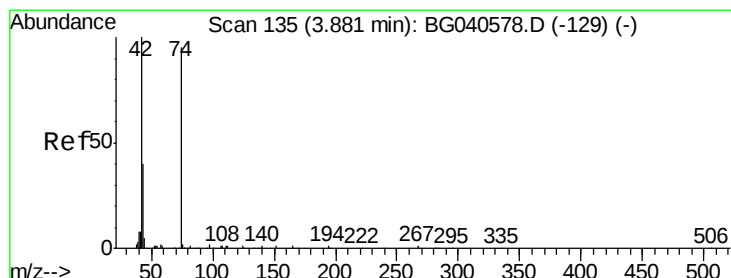
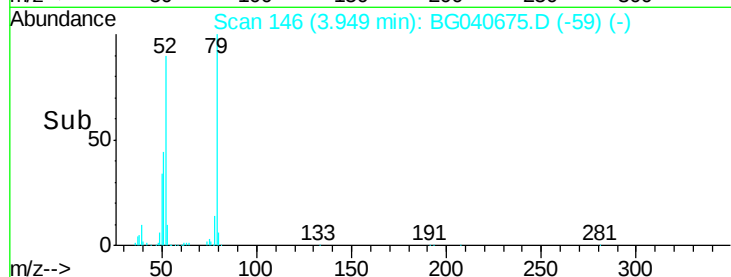
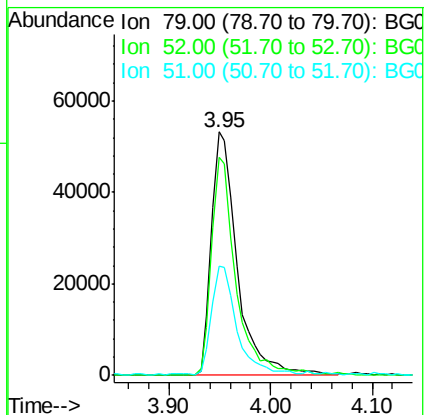
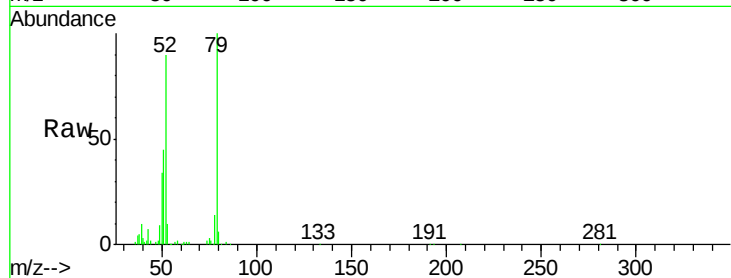
Tot Ion: 79 Resp: 94699

Ion Ratio Lower Upper

79 100

52 89.8 67.5 101.3

51 45.1 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 41.861 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

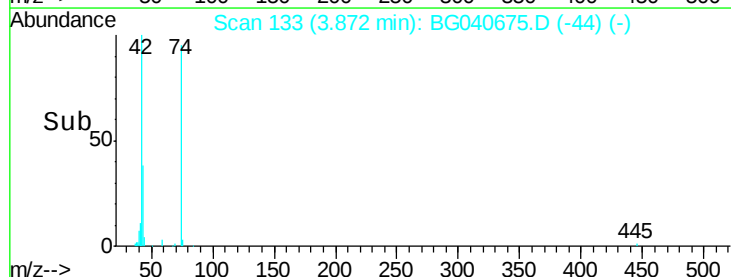
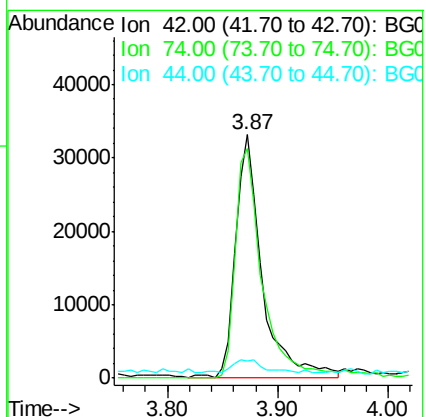
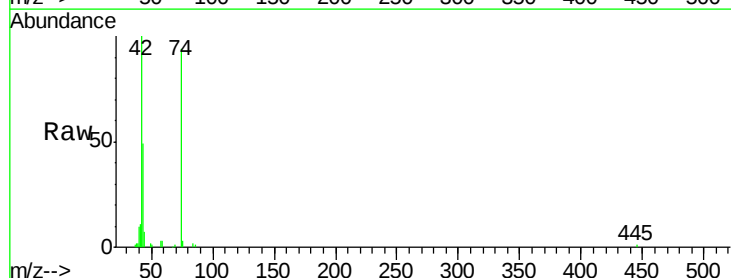
Tgt Ion: 42 Resp: 56368

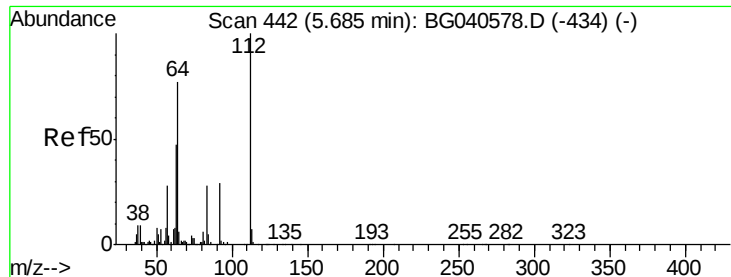
Ion Ratio Lower Upper

42 100

74 94.0 74.6 111.8

44 7.2 7.4 11.0#





#5

2-Fluorophenol

Concen: 149.312 ng

RT: 5.68 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

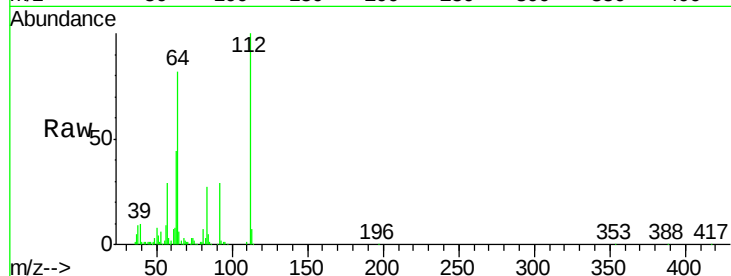
Tot Ion:112 Resp: 274981

Ion Ratio Lower Upper

112 100

64 81.9 61.4 92.0

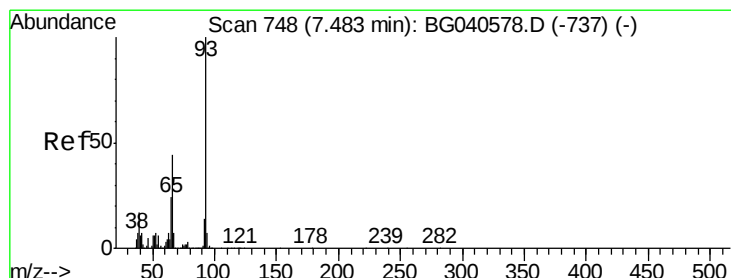
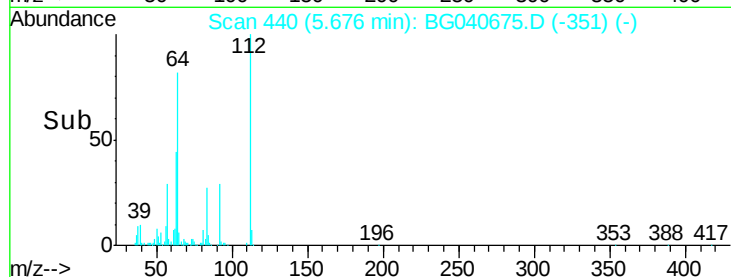
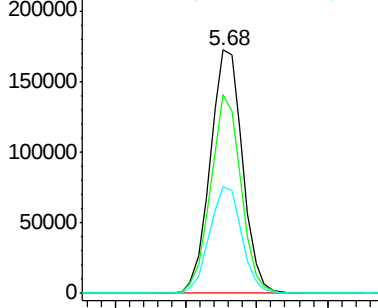
63 43.9 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.250 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

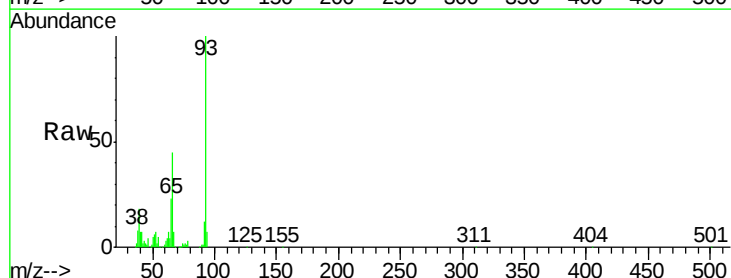
Tgt Ion: 93 Resp: 109937

Ion Ratio Lower Upper

93 100

66 45.0 35.5 53.3

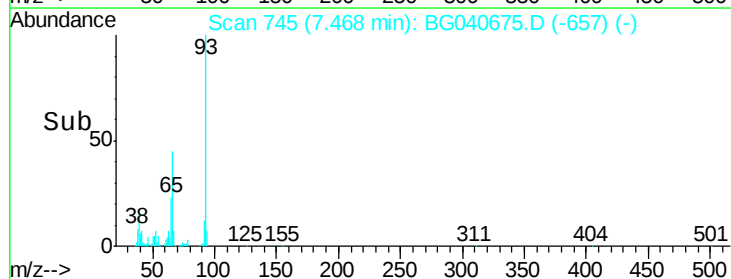
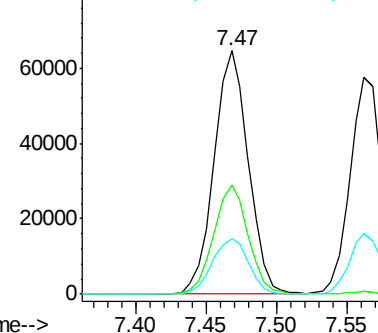
65 22.8 19.2 28.8

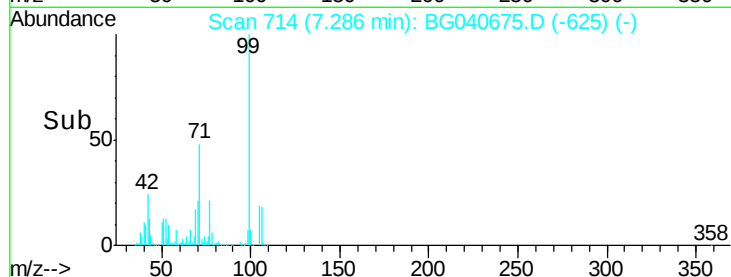
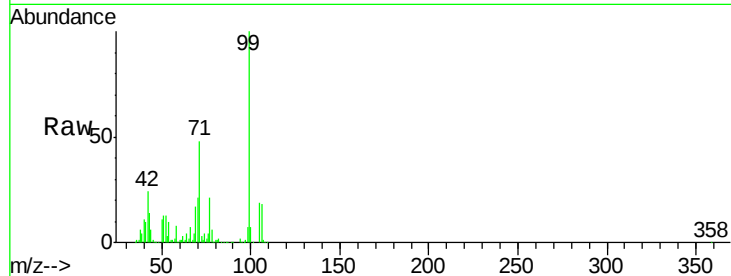
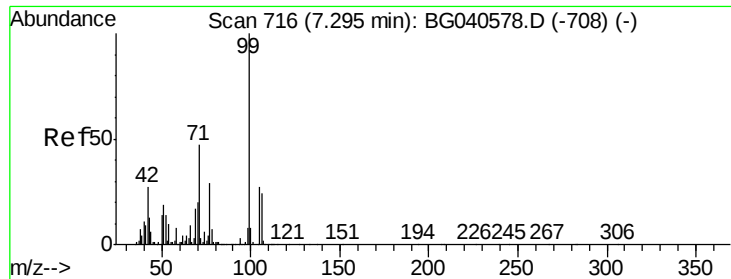


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.496 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

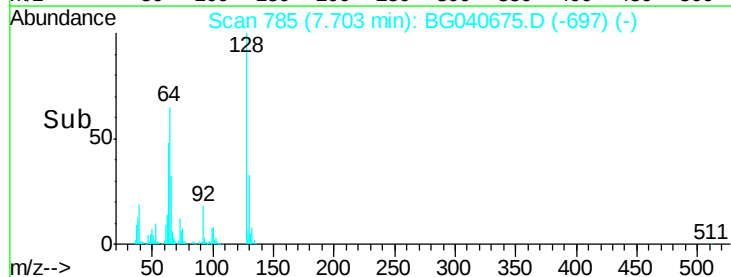
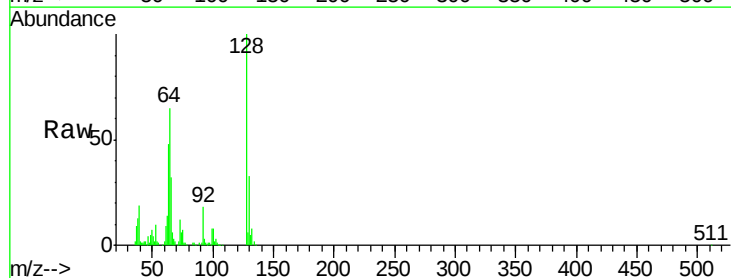
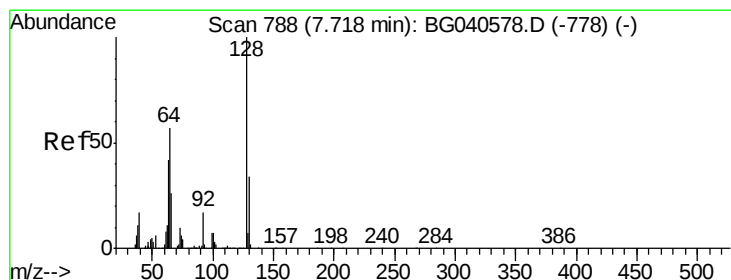
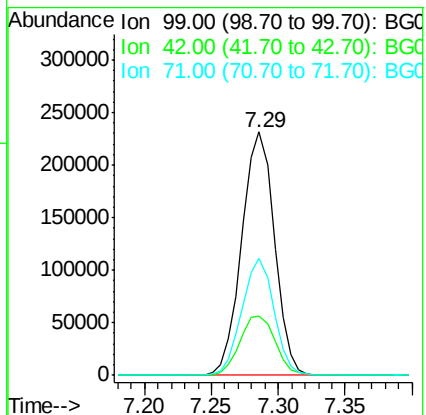
Tot Ion: 99 Resp: 392722

Ion Ratio Lower Upper

99 100

42 24.4 21.8 32.8

71 47.9 38.6 57.8



#8

2-Chlorophenol

Concen: 42.895 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

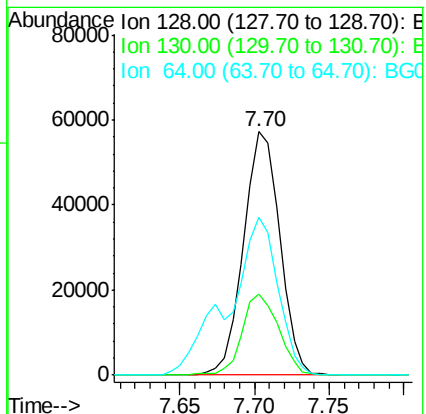
Tgt Ion: 128 Resp: 96459

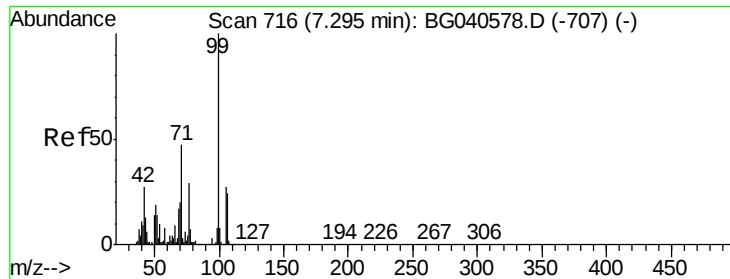
Ion Ratio Lower Upper

128 100

130 33.3 14.5 54.5

64 65.1 38.4 78.4





#9

Benzaldehyde

Concen: 57.189 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

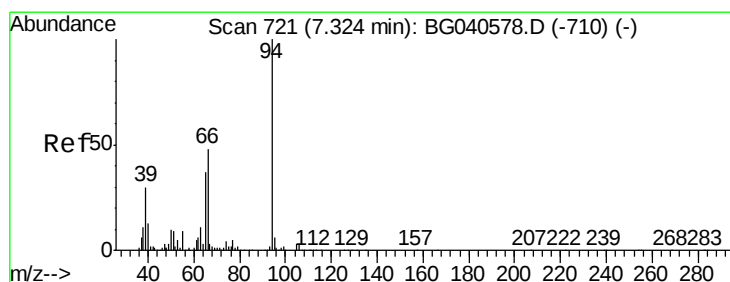
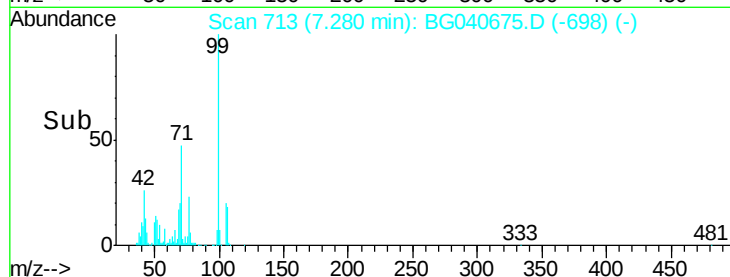
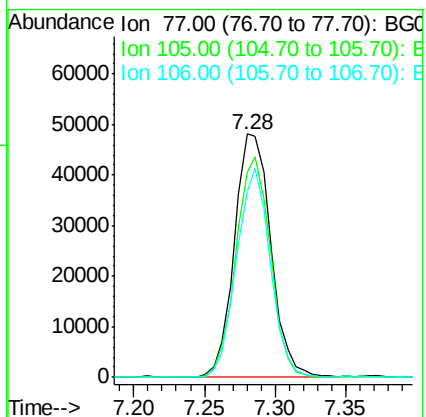
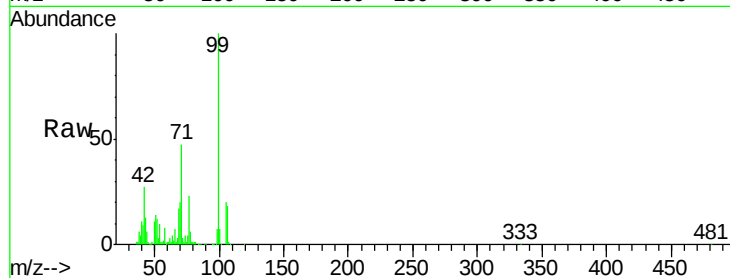
Tot Ion: 77 Resp: 86853

Ion Ratio Lower Upper

77 100

105 84.3 72.0 112.0

106 76.4 61.2 101.2



#10

Phenol

Concen: 45.542 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

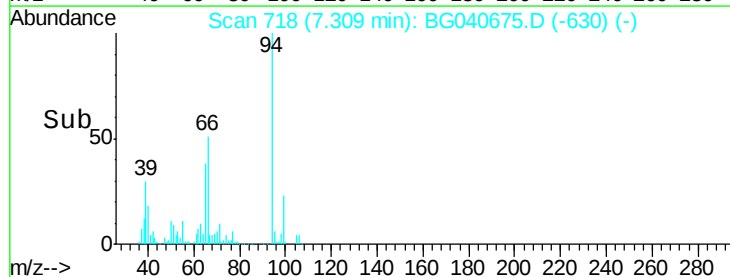
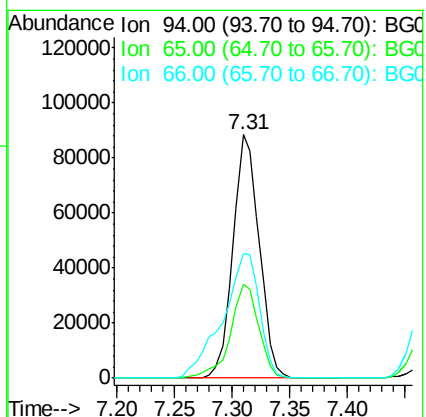
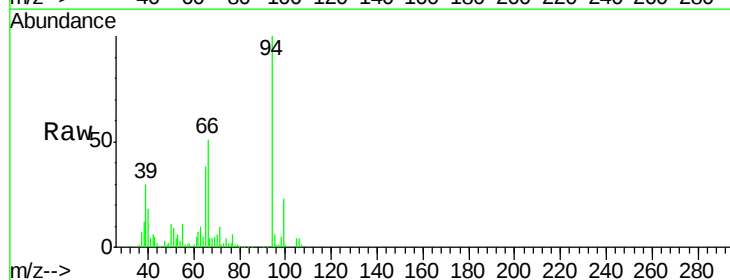
Tgt Ion: 94 Resp: 138819

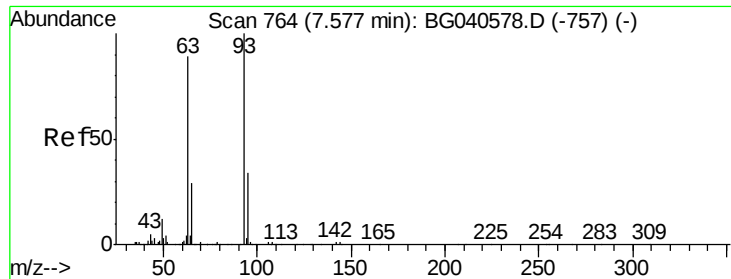
Ion Ratio Lower Upper

94 100

65 38.5 17.0 57.0

66 51.3 28.6 68.6

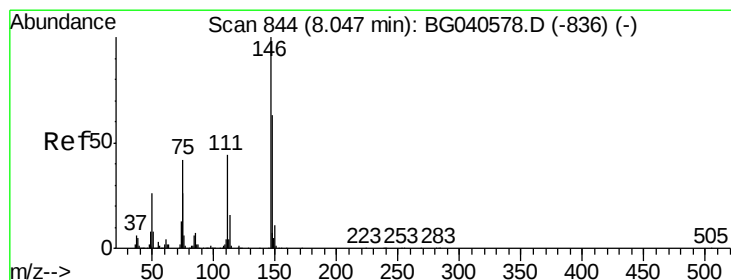
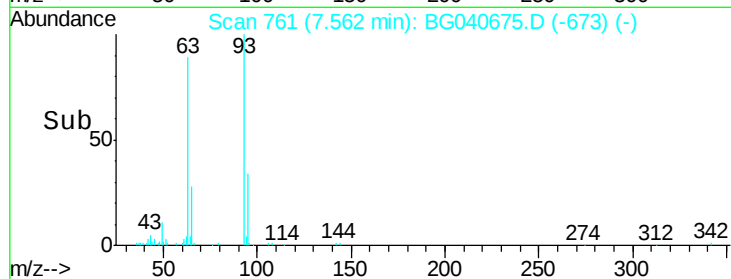
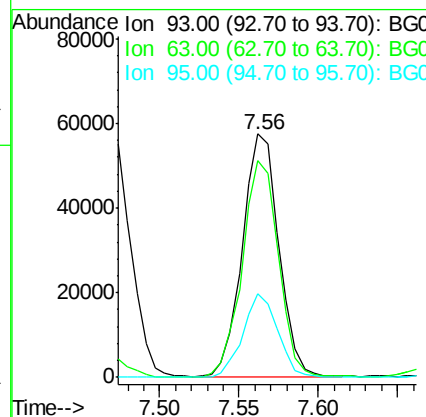
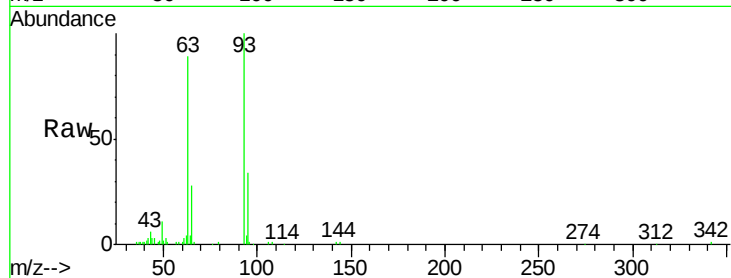




#11
 bis(2-Chloroethyl)ether
 Concen: 40.395 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

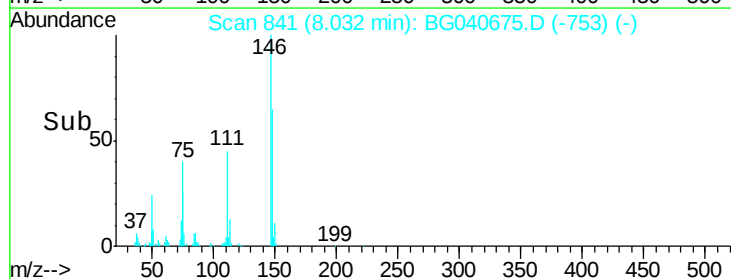
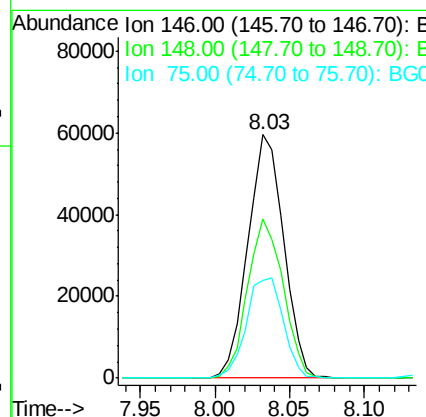
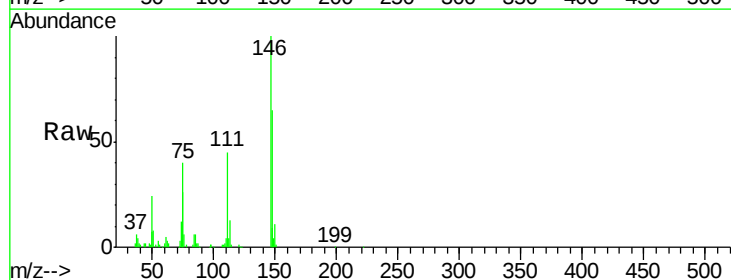
Instrument :
 BNA_G
 ClientSampleId :

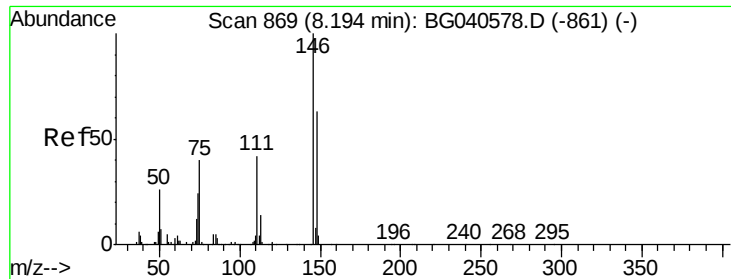
Tot Ion: 93 Resp: 92332
 Ion Ratio Lower Upper
 93 100
 63 89.1 68.2 108.2
 95 34.2 14.3 54.3



#12
 1,3-Dichlorobenzene
 Concen: 40.373 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Tgt Ion: 146 Resp: 99093
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.7 76.1
 75 40.2 33.4 50.2

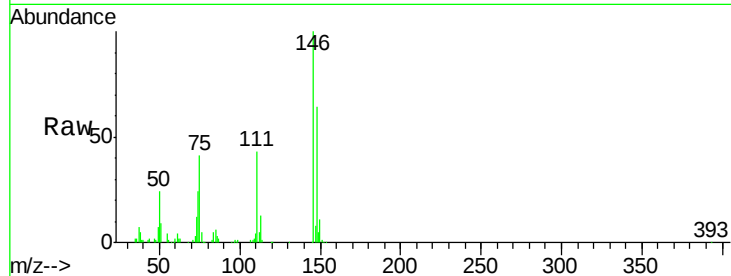




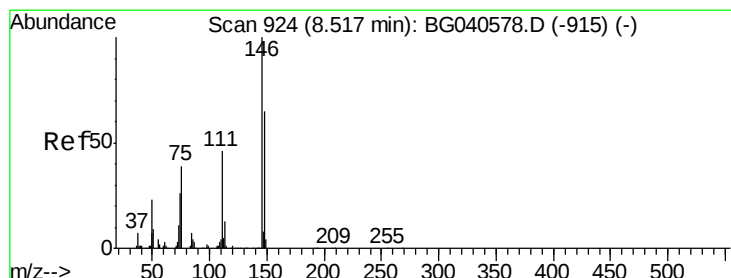
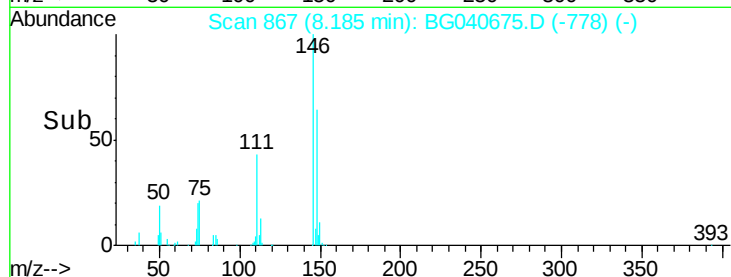
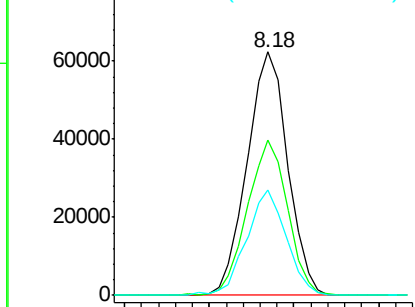
#13
 1,4-Dichlorobenzene
 Concen: 41.786 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 103970
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 43.5 34.3 51.5

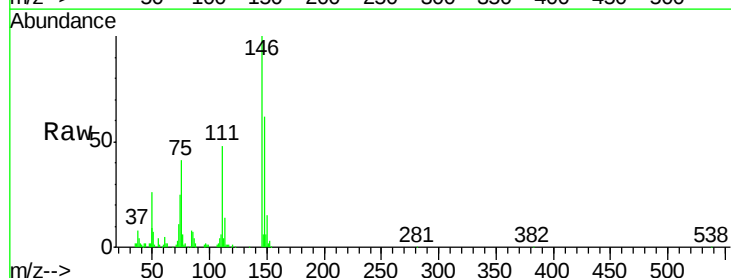


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

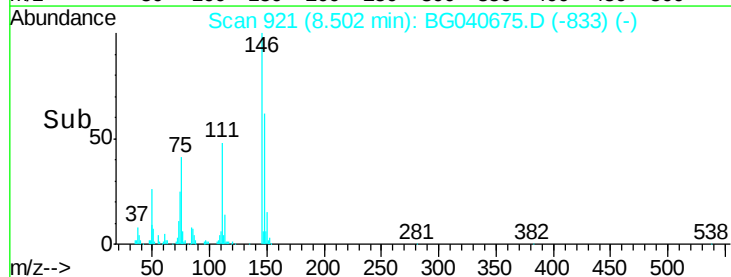
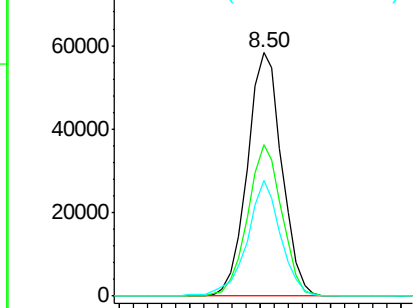


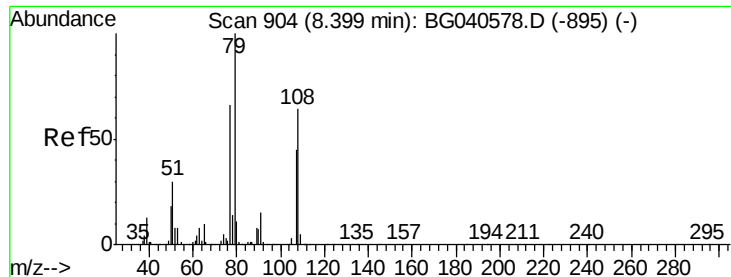
#14
 1,2-Dichlorobenzene
 Concen: 41.460 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Tgt Ion:146 Resp: 99487
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.2 78.4
 111 47.5 37.4 56.0



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





#15

Benzyl Alcohol

Concen: 39.674 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

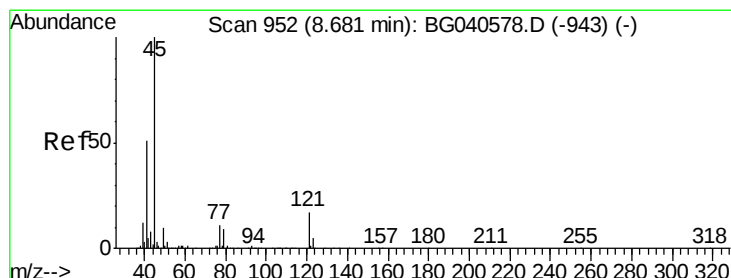
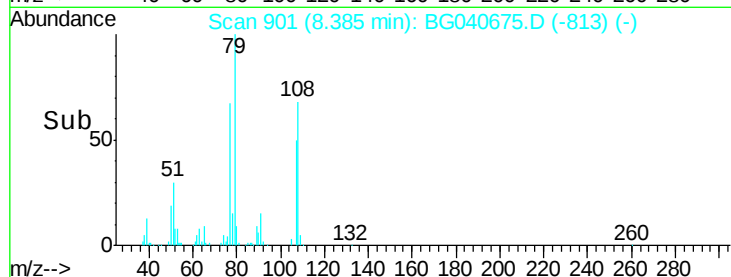
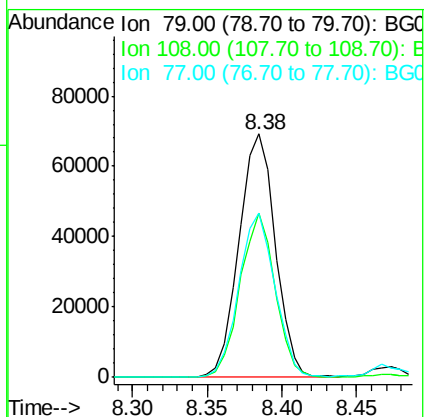
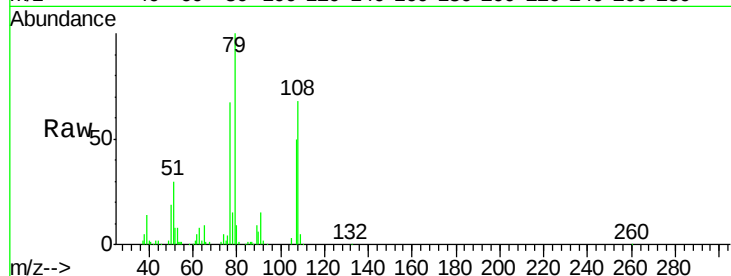
Tot Ion: 79 Resp: 117059

Ion Ratio Lower Upper

79 100

108 67.7 51.4 77.0

77 67.4 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.306 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

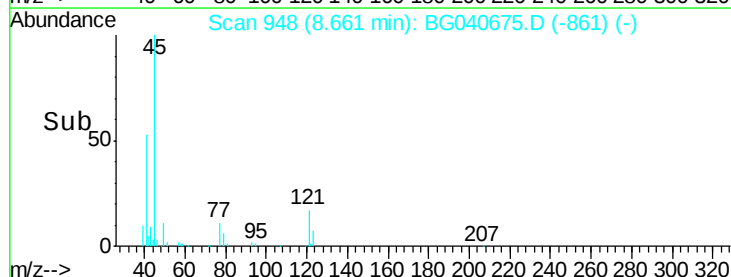
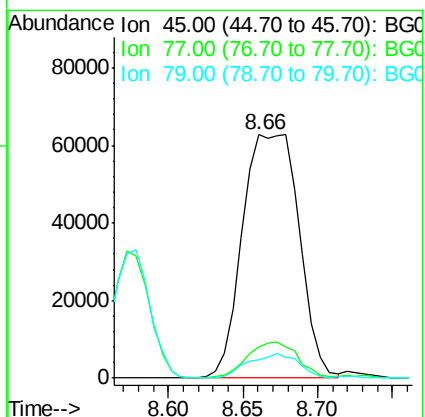
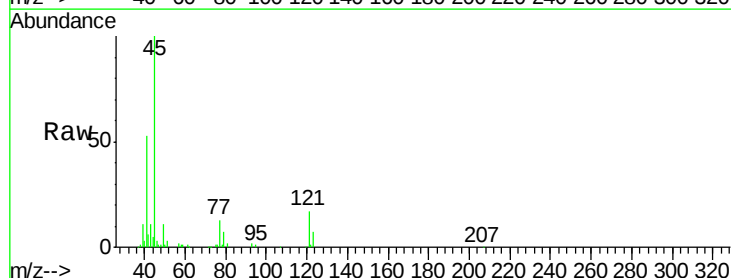
Tgt Ion: 45 Resp: 165222

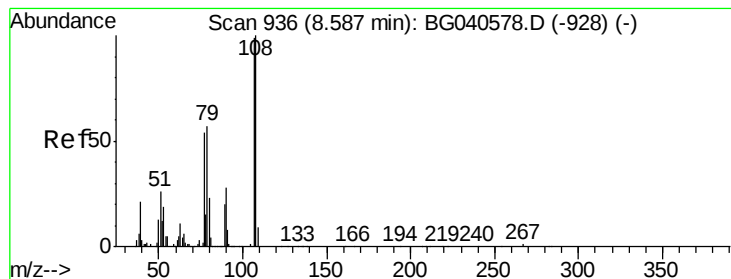
Ion Ratio Lower Upper

45 100

77 12.6 0.0 31.5

79 7.3 0.0 29.4

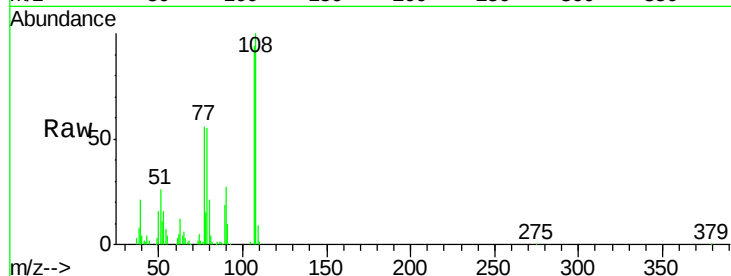




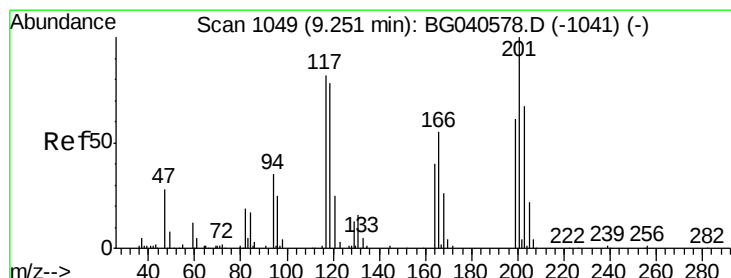
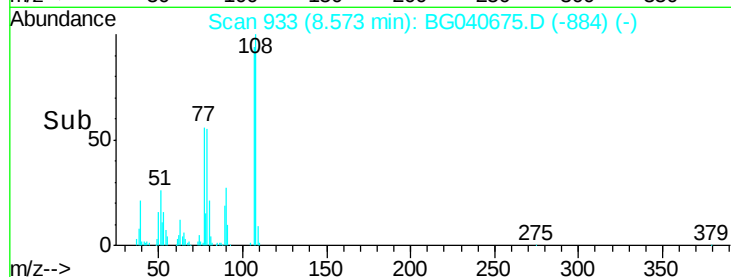
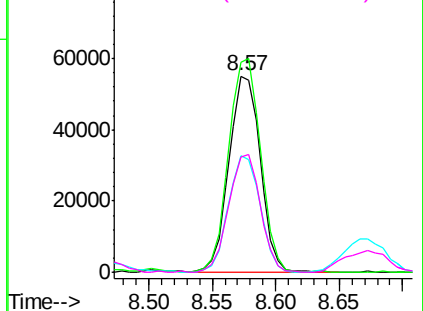
#17
2-Methylphenol
Concen: 43.513 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	93863
Ion	Ratio	Lower	Upper
107	100		
108	106.7	81.2	121.8
77	59.5	44.4	66.6
79	58.4	47.0	70.4

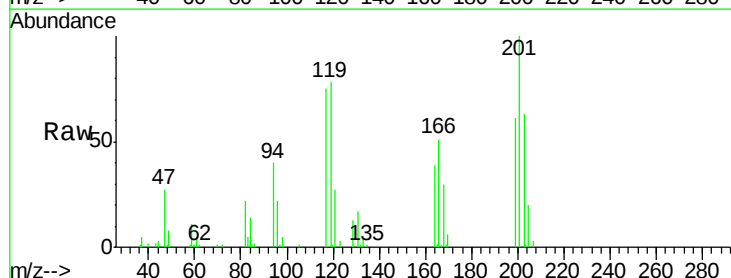


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

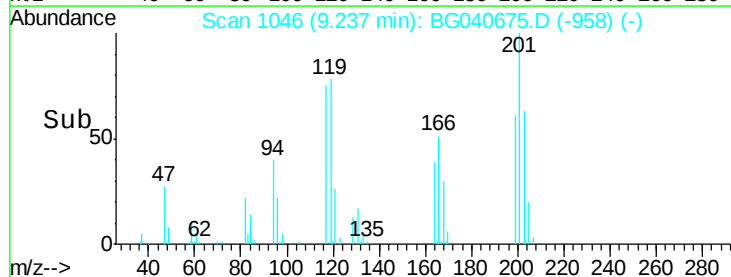
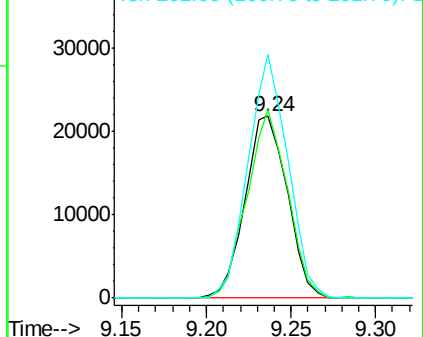


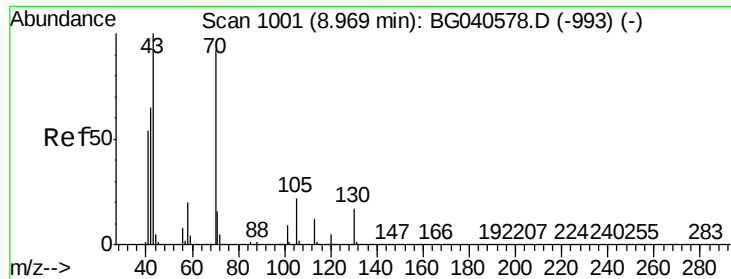
#18
Hexachloroethane
Concen: 37.243 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Tgt Ion:	117	Resp:	38013
Ion	Ratio	Lower	Upper
117	100		
119	103.8	76.6	114.8
201	134.0	101.0	151.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

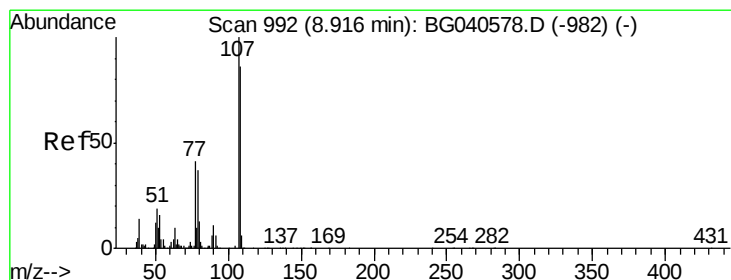
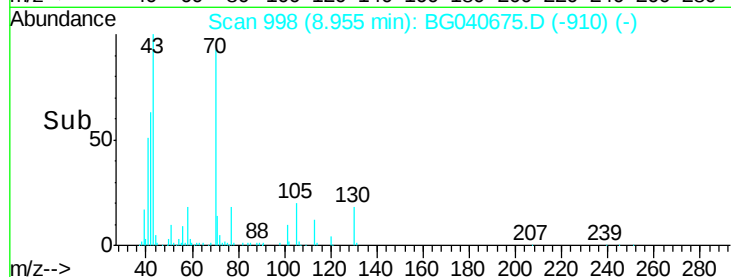
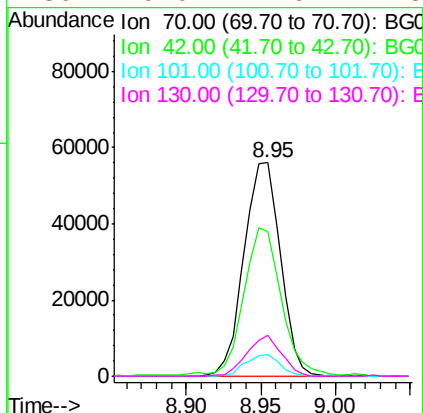
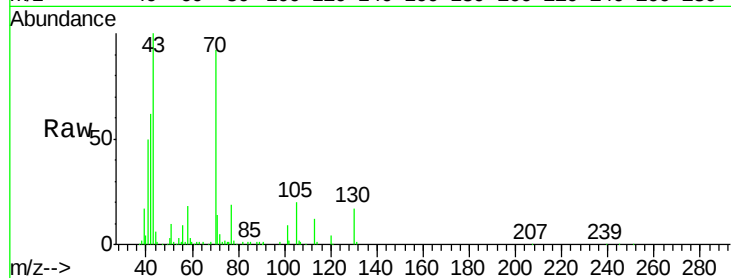




#19
n-Nitroso-di-n-propylamine
Concen: 37.184 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

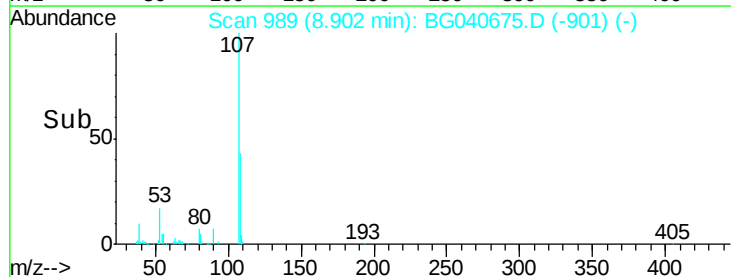
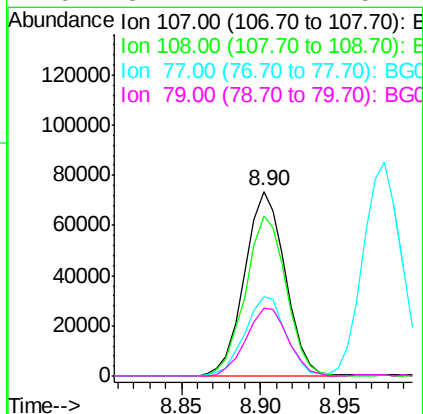
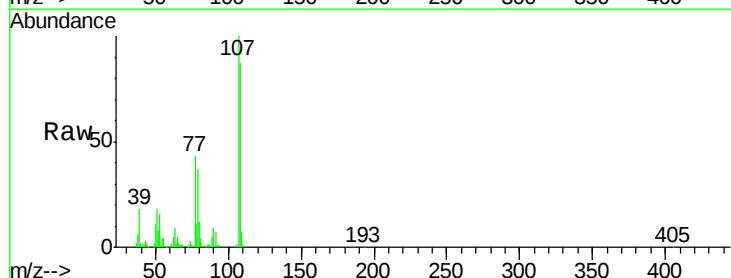
Instrument :
BNA_G
ClientSampleId :

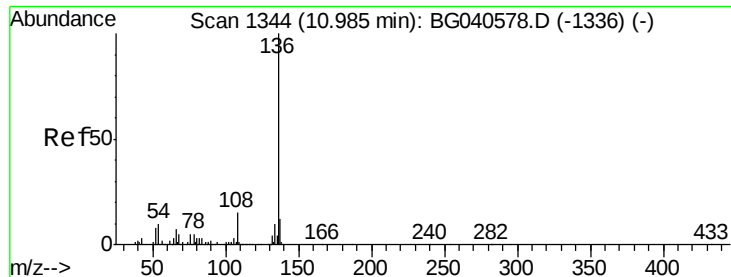
Tot Ion:	70	Resp:	94914
Ion	Ratio	Lower	Upper
70	100		
42	67.9	57.1	85.7
101	10.2	7.8	11.8
130	19.0	14.6	21.8



#20
3+4-Methylphenols
Concen: 43.435 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Tgt Ion:	107	Resp:	130525
Ion	Ratio	Lower	Upper
107	100		
108	86.8	66.1	106.1
77	43.1	21.6	61.6
79	37.1	17.4	57.4

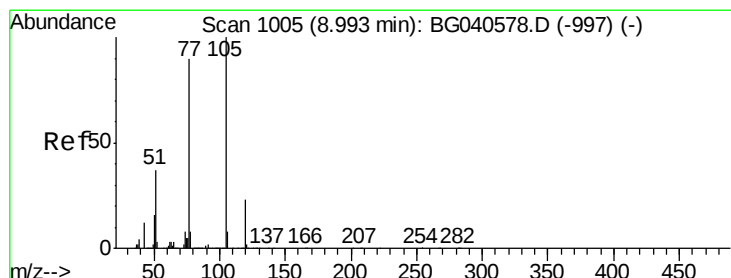
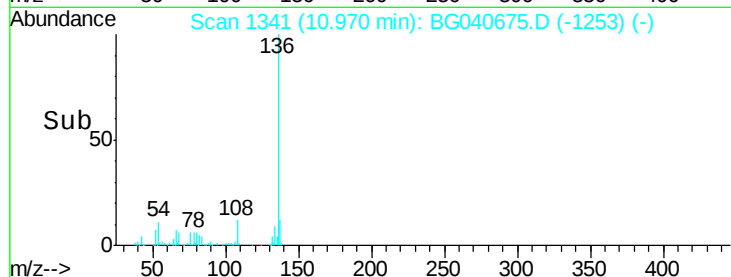
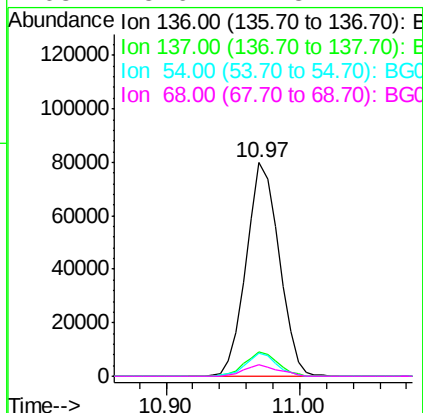
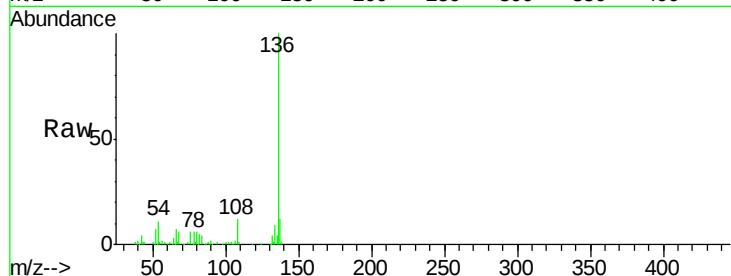




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

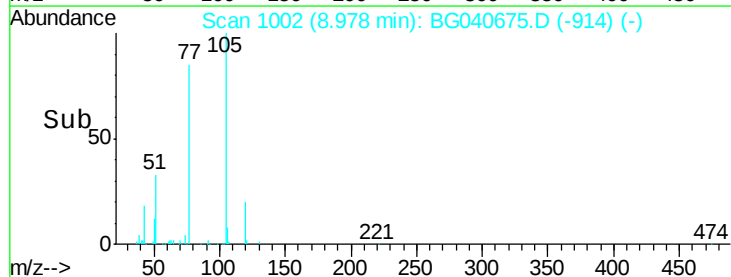
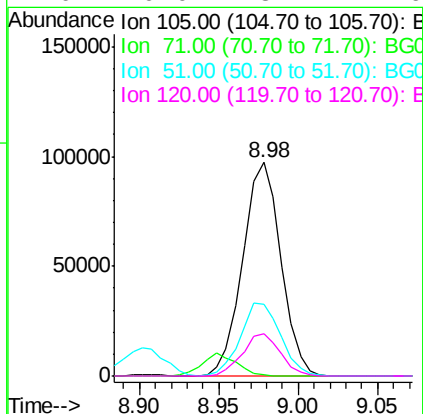
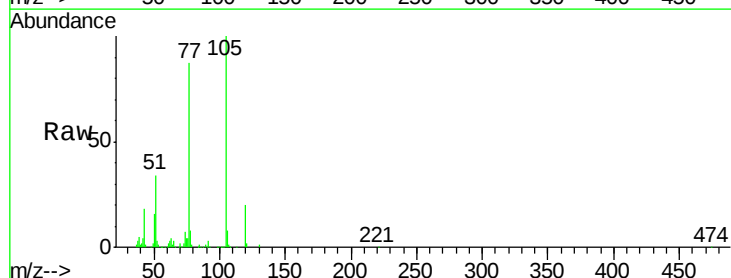
Instrument :
BNA_G
ClientSampleId :

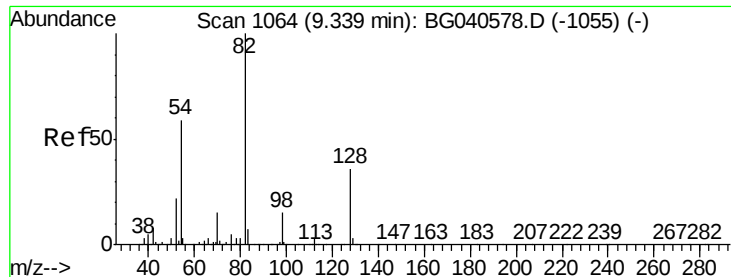
Tot Ion:136	Resp:	135632	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.7	14.5	
54 10.8	8.6	12.8	
68 5.6	4.8	7.2	



#22
Acetophenone
Concen: 43.140 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Tgt	Ion:105	Resp:	162707
Ion	Ratio	Lower	Upper
105	100		
71	0.5	1.8	2.8#
51	33.6	29.8	44.8
120	20.0	18.4	27.6

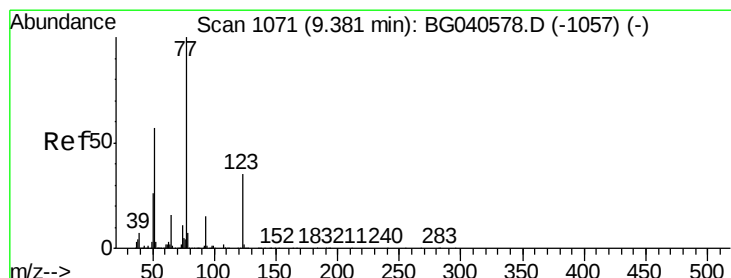
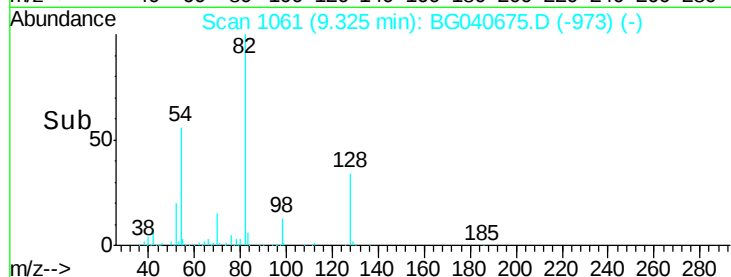
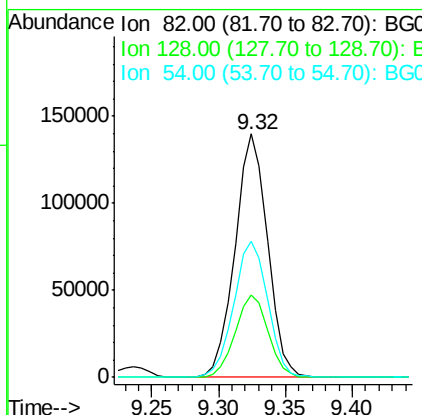
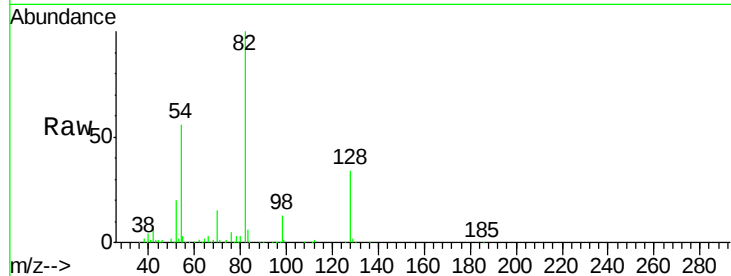




#23
 Nitrobenzene-d5
 Concen: 80.706 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

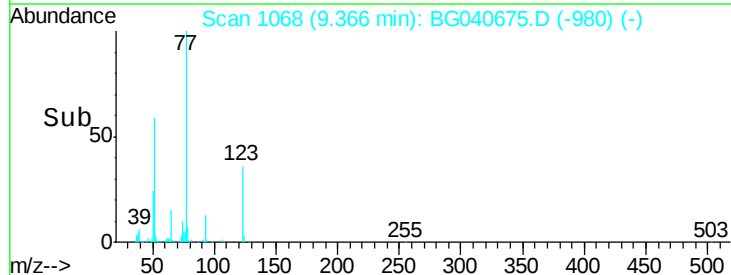
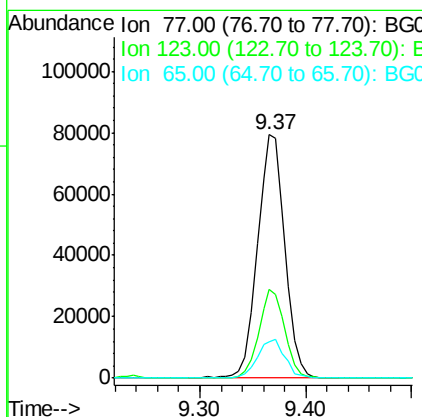
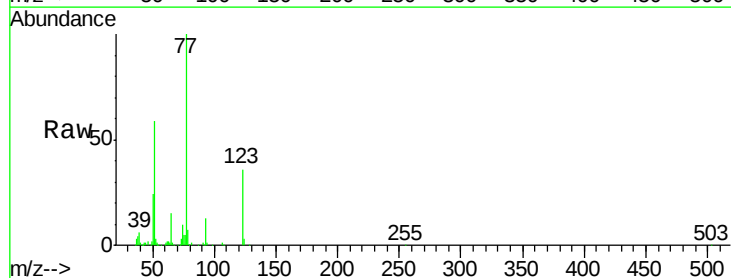
Instrument :
 BNA_G
 ClientSampleId :

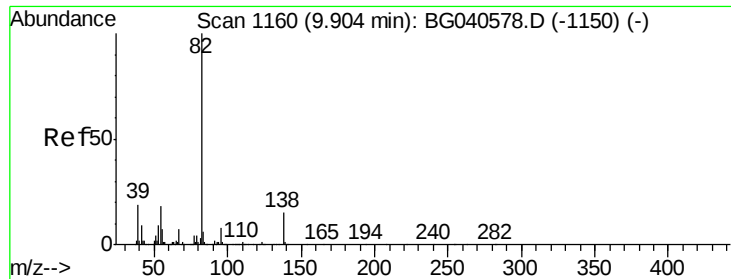
Tot Ion	82	Resp	236901
Ion Ratio	Lower	Upper	
82	100		
128	33.6	28.9	43.3
54	55.7	47.2	70.8



#24
 Nitrobenzene
 Concen: 45.552 ng
 RT: 9.37 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Tgt Ion	77	Resp	142663
Ion Ratio	Lower	Upper	
77	100		
123	36.4	27.8	41.6
65	14.8	12.4	18.6





#25

Isophorone

Concen: 39.476 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

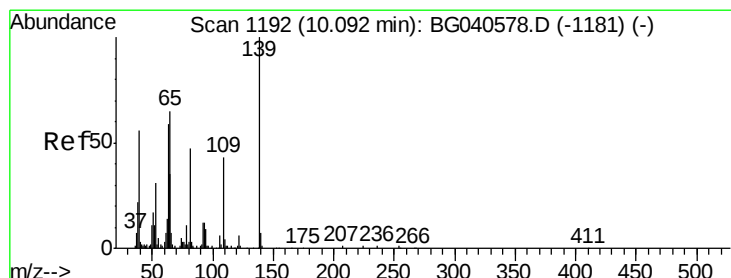
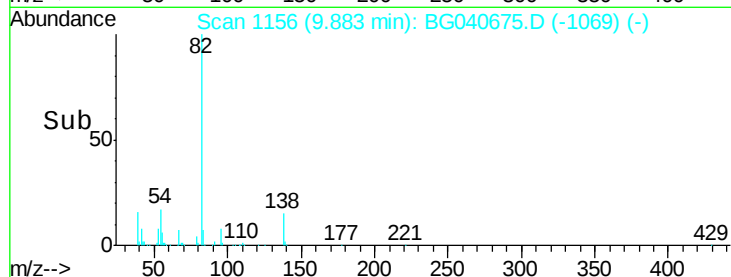
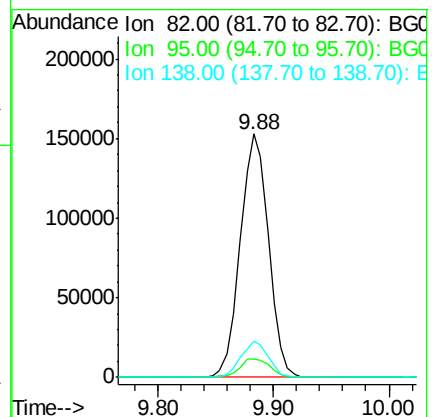
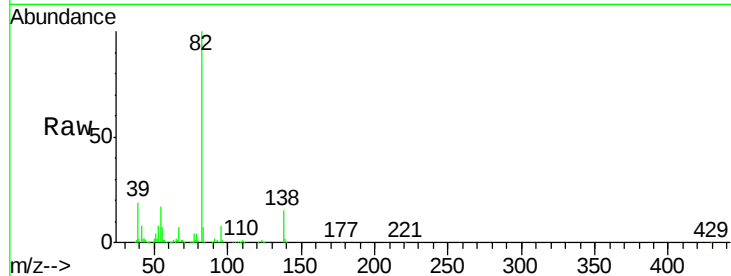
Tot Ion: 82 Resp: 258114

Ion Ratio Lower Upper

82 100

95 7.5 6.9 10.3

138 14.9 12.3 18.5



#26

2-Nitrophenol

Concen: 47.320 ng

RT: 10.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

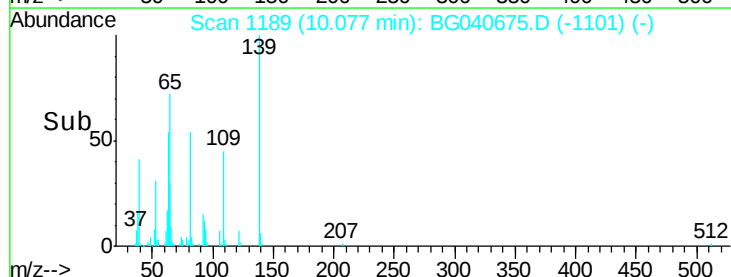
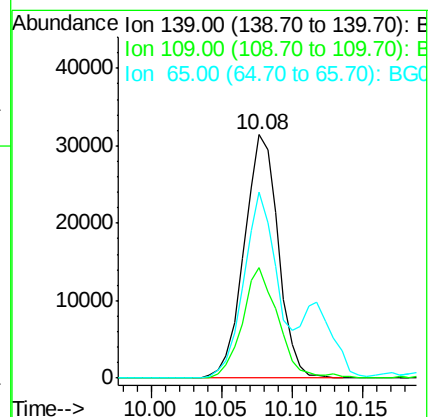
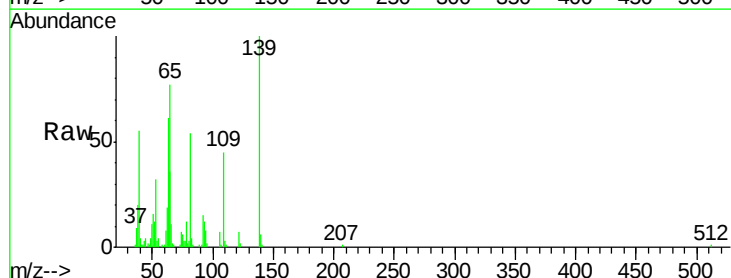
Tgt Ion: 139 Resp: 53123

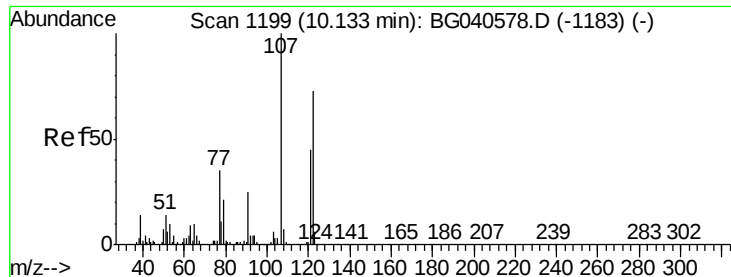
Ion Ratio Lower Upper

139 100

109 45.5 35.6 53.4

65 76.5 52.3 78.5

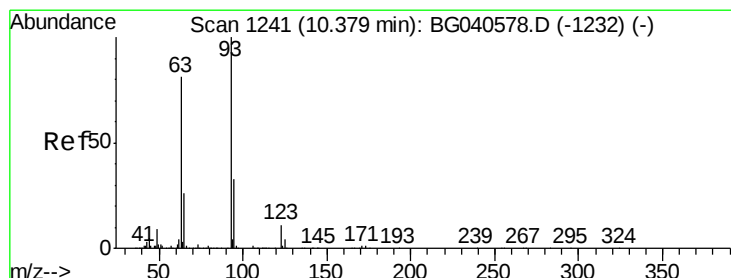
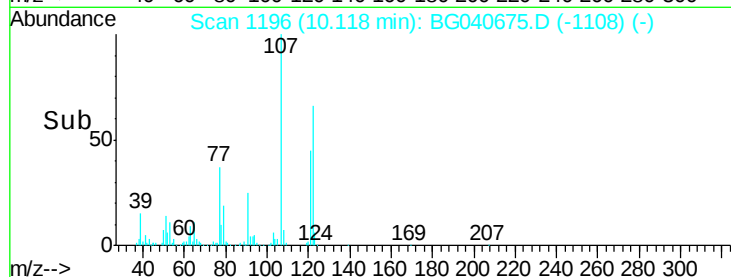
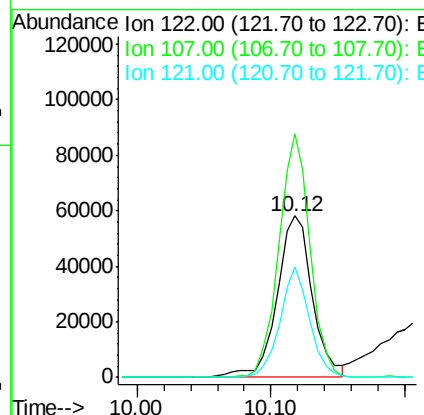
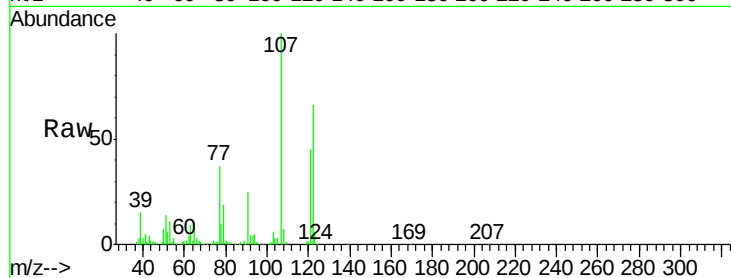




#27
2,4-Dimethylphenol
Concen: 50.750 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

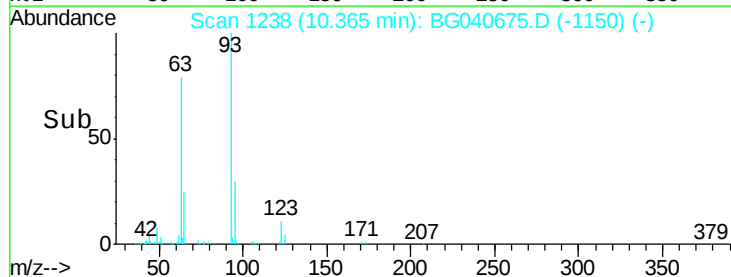
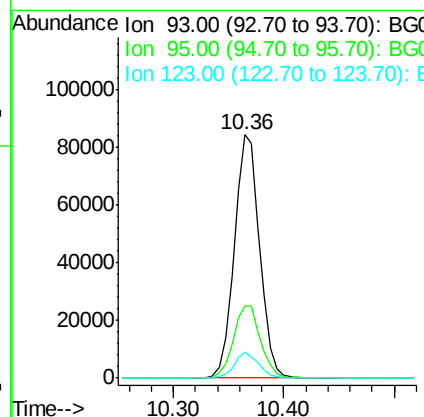
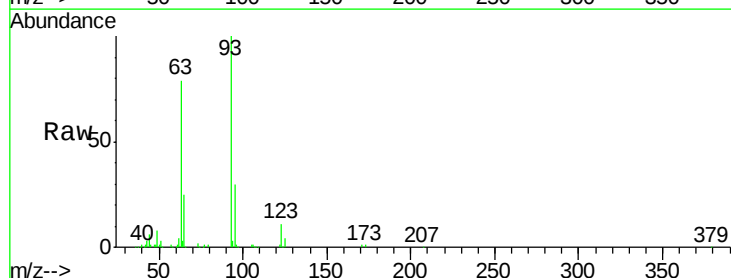
Instrument :
BNA_G
ClientSampleId :

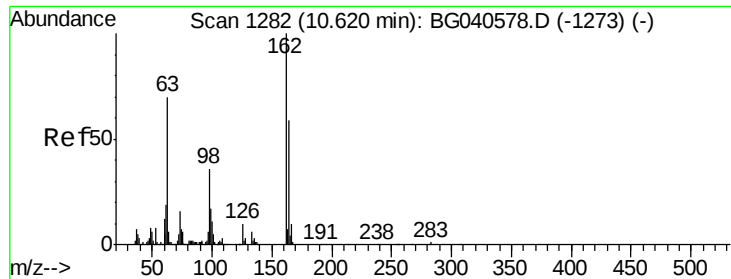
Tot Ion	Ratio	Lower	Upper
122	100		
107	150.8	110.1	165.1
121	68.3	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.144 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.6	26.6	40.0
123	10.7	9.0	13.4

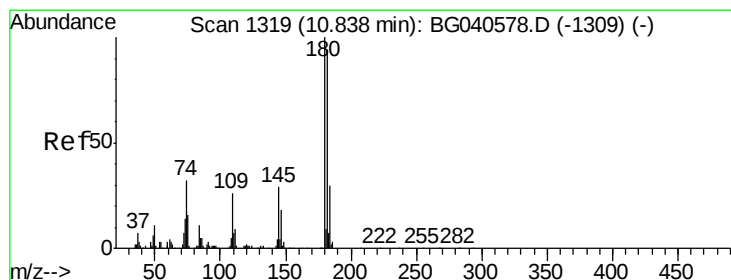
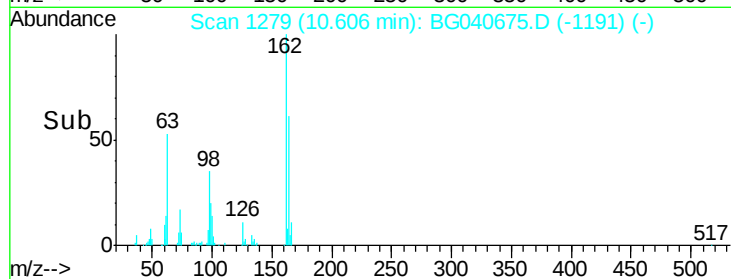
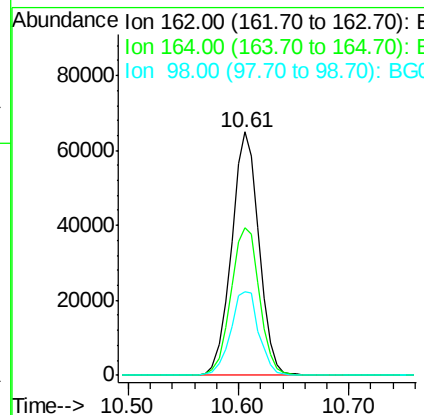
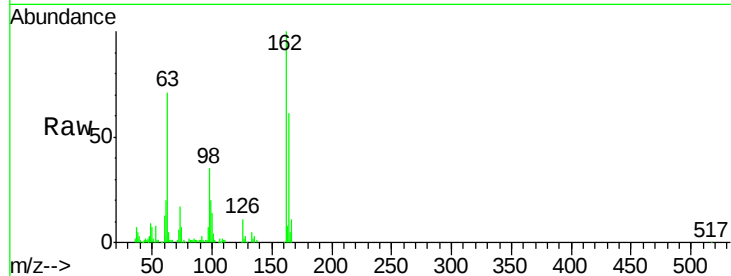




#29
 2,4-Dichlorophenol
 Concen: 47.108 ng
 RT: 10.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

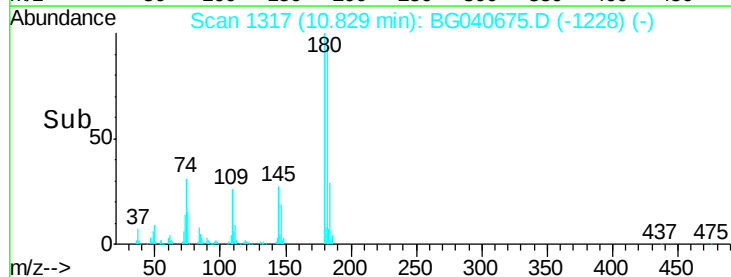
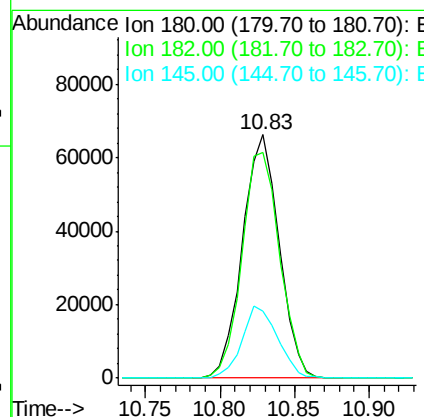
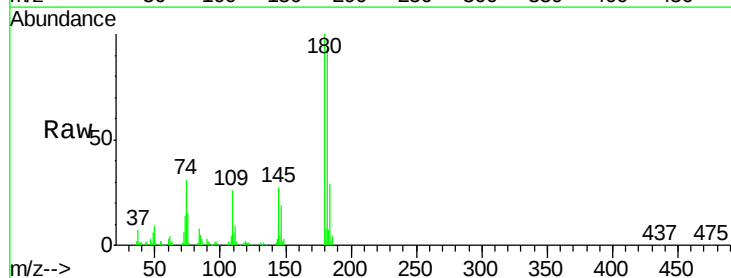
Instrument :
 BNA_G
 ClientSampleId :

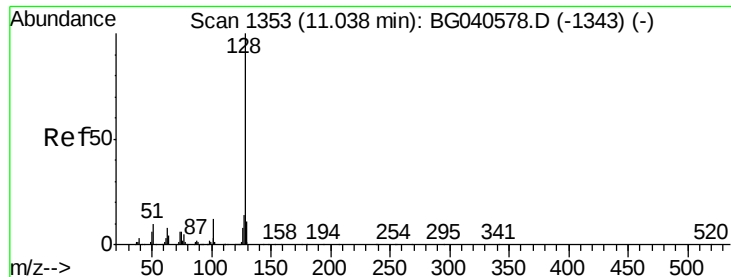
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.6	38.9	78.9
98	34.5	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 42.421 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	75.2	112.8
145	27.3	23.6	35.4

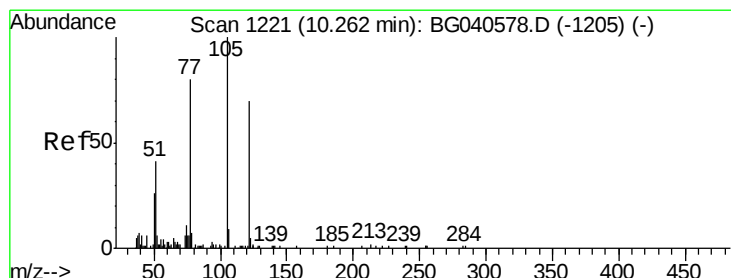
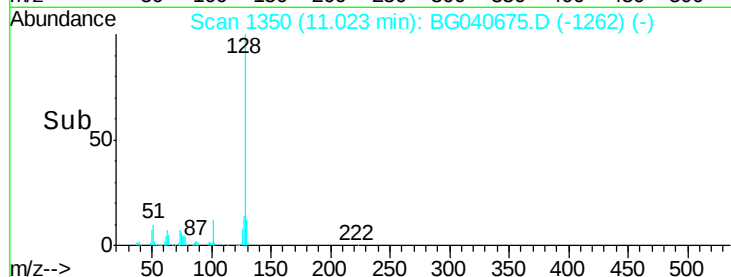
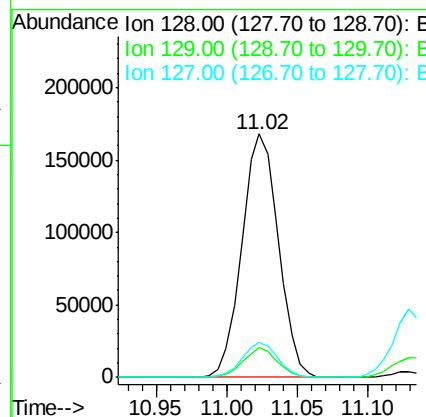
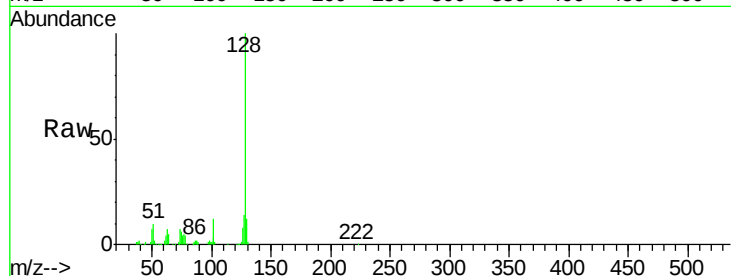




#31
Naphthalene
Concen: 42.186 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

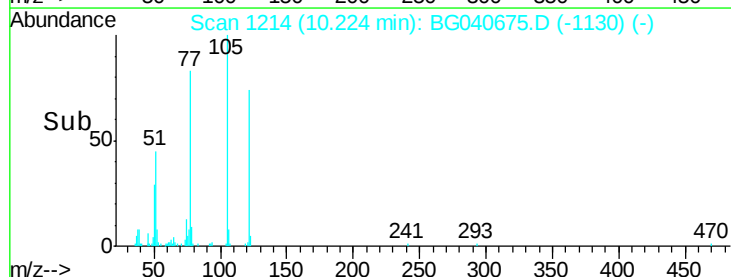
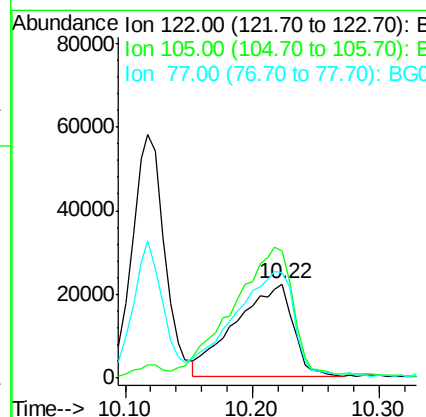
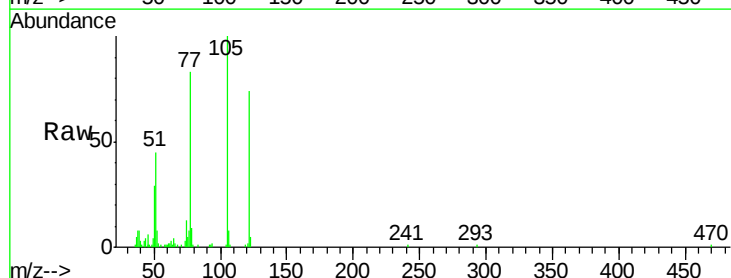
Instrument :
BNA_G
ClientSampleId :

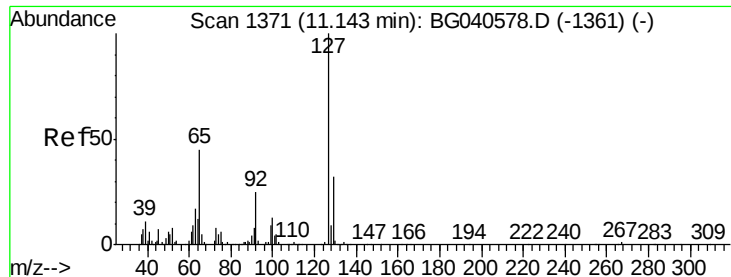
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.6
127	14.5	11.3	16.9



#32
Benzoic acid
Concen: 48.296 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.8	110.9	150.9
77	112.5	87.6	127.6

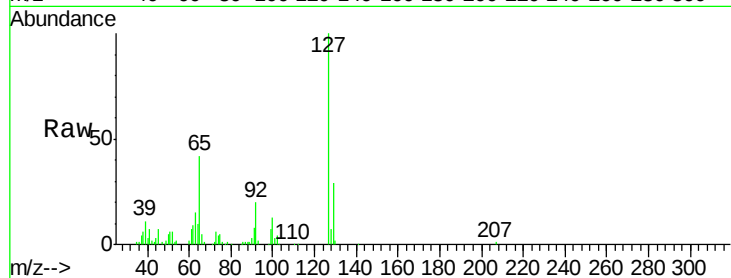




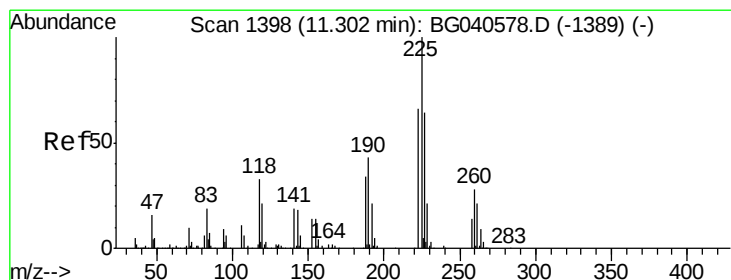
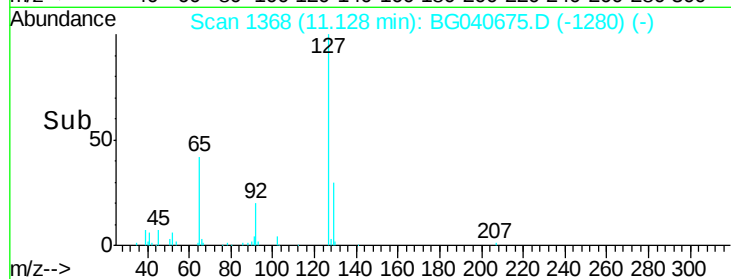
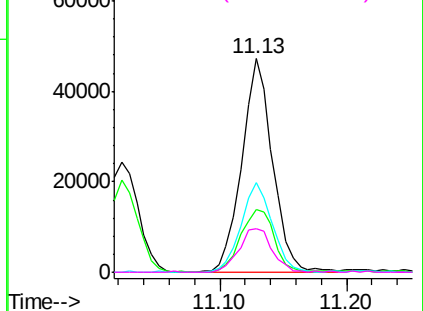
#33
4-Chloroaniline
Concen: 24.846 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	79379
Ion Ratio	Lower	Upper
127 100		
129 29.4	25.7	38.5
65 42.0	36.1	54.1
92 20.1	20.1	30.1

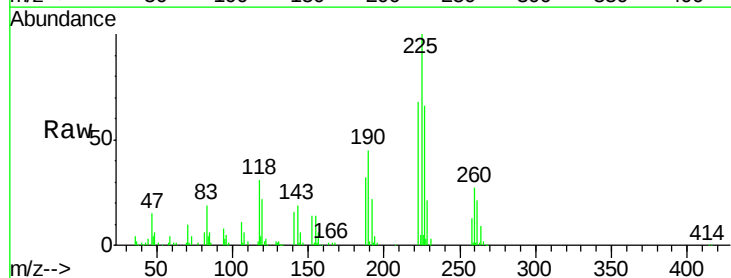


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

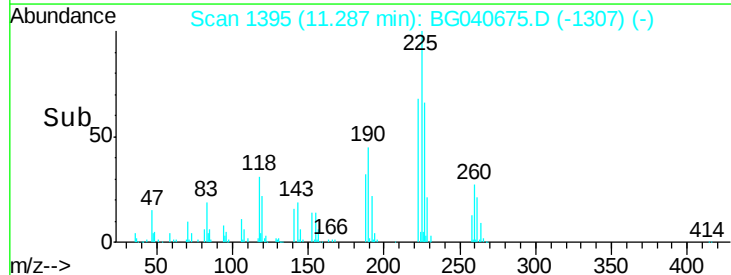
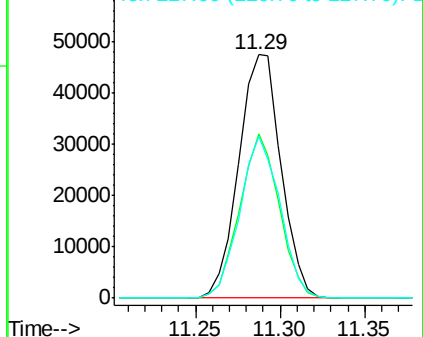


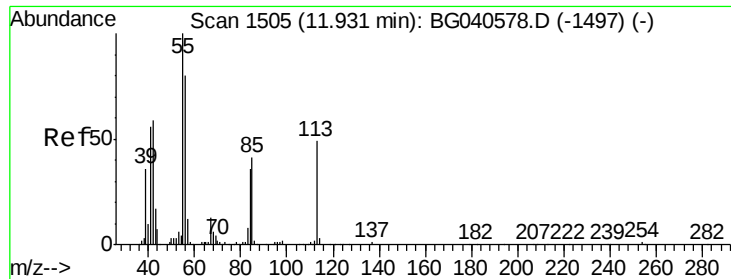
#34
Hexachlorobutadiene
Concen: 42.128 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Tgt	Ion:225	Resp:	82593
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.4	75.6
227	63.0	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

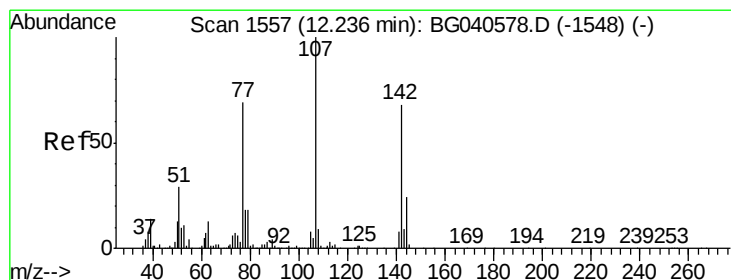
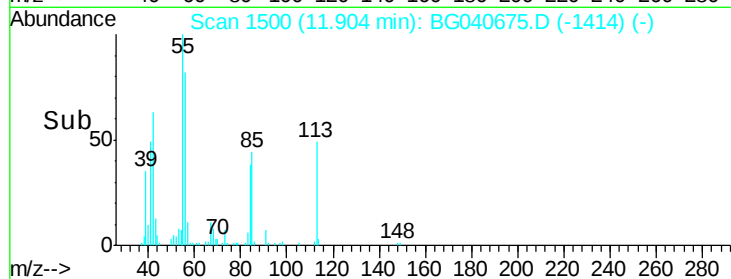
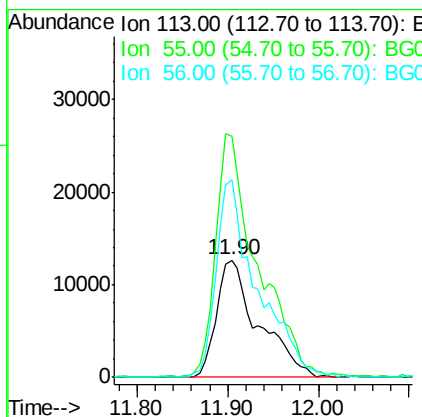
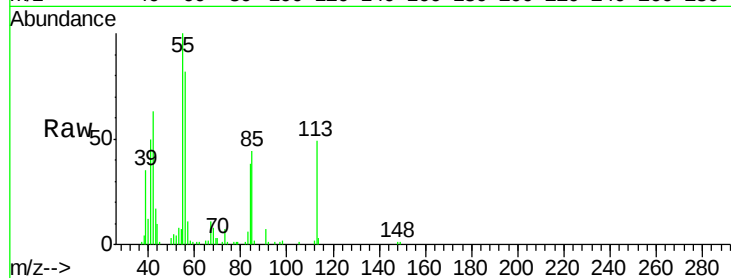




#35
 Caprolactam
 Concen: 42.932 ng
 RT: 11.90 min Scan# 1500
 Delta R.T. -0.03 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

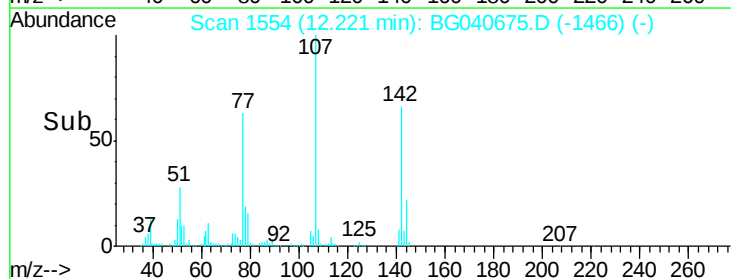
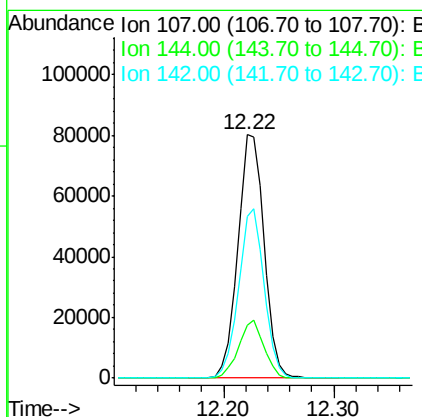
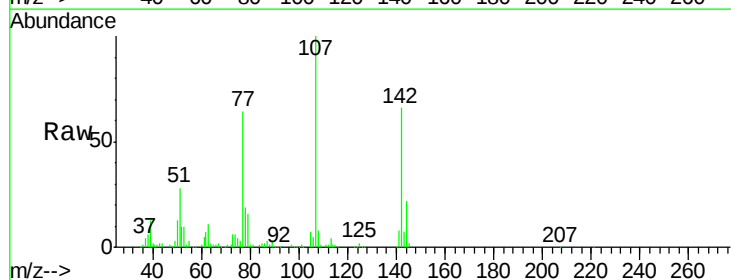
Instrument :
 BNA_G
 ClientSampled :

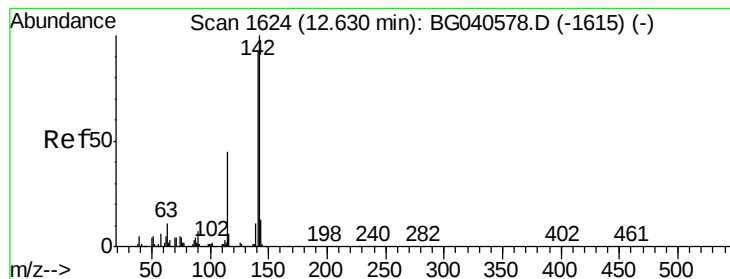
Tot Ion:113 Resp: 40590
 Ion Ratio Lower Upper
 113 100
 55 205.9 198.6 238.6
 56 168.7 148.4 188.4



#36
 4-Chloro-3-methylphenol
 Concen: 44.392 ng
 RT: 12.22 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Tgt Ion:107 Resp: 134105
 Ion Ratio Lower Upper
 107 100
 144 21.8 19.3 28.9
 142 66.2 54.6 81.8





#37

2-Methylnaphthalene

Concen: 42.630 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

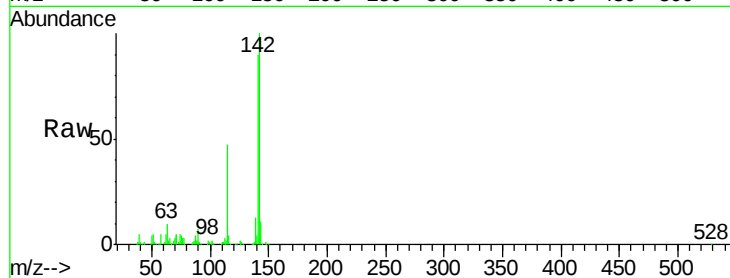
Tot Ion:142 Resp: 229673

Ion Ratio Lower Upper

142 100

141 89.8 73.4 110.2

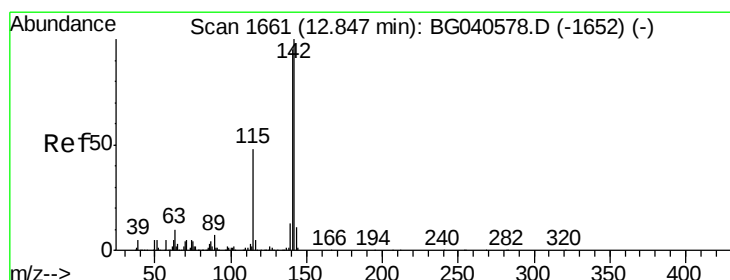
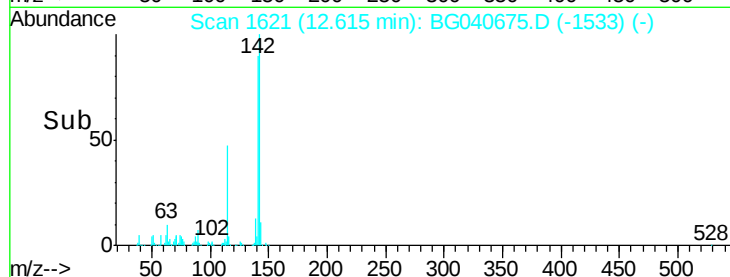
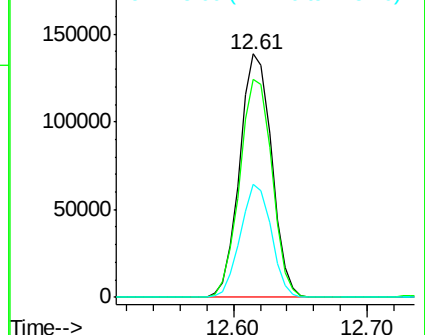
115 46.5 36.2 54.4



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: 41.421 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

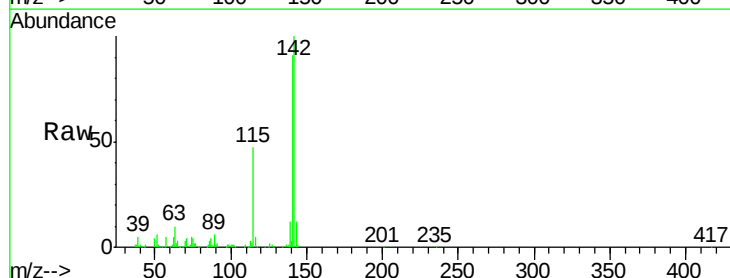
Tgt Ion:142 Resp: 218126

Ion Ratio Lower Upper

142 100

141 90.5 75.9 113.9

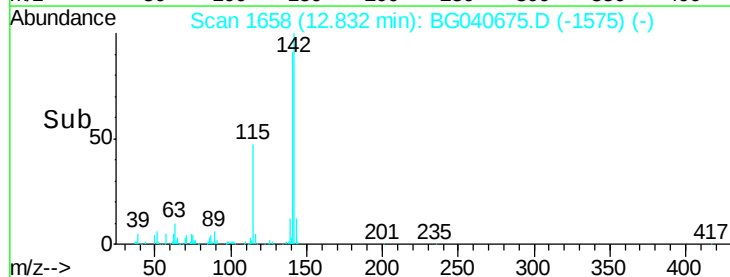
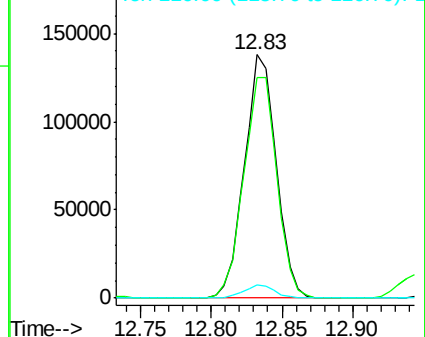
116 5.2 4.2 6.4

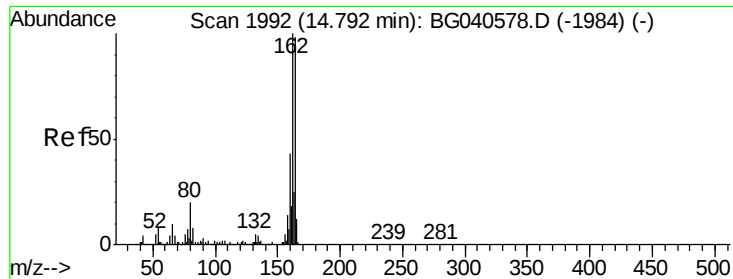


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.78 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

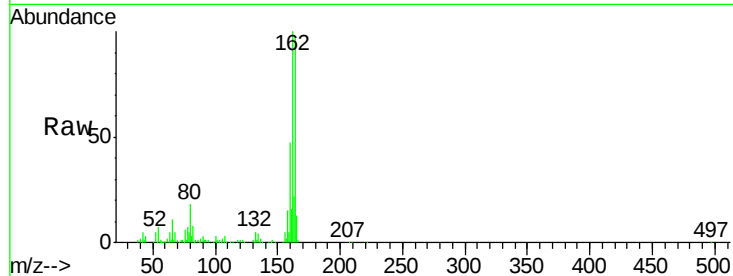
Tot Ion:164 Resp: 99208

Ion Ratio Lower Upper

164 100

162 102.8 81.9 122.9

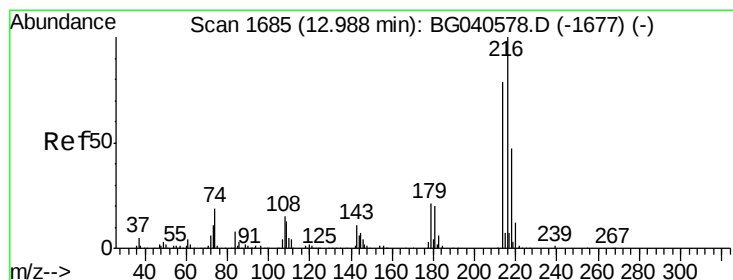
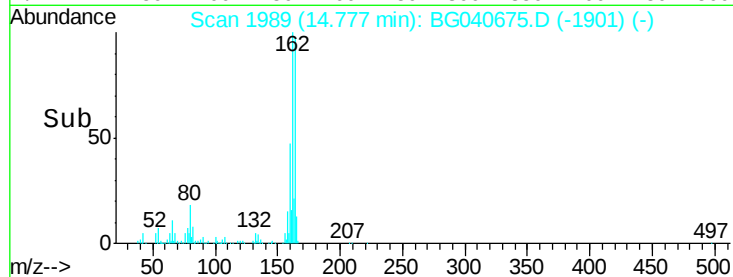
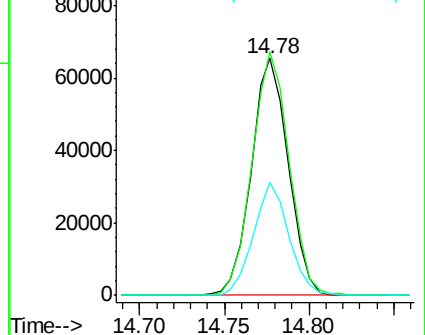
160 47.8 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.506 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Tgt Ion:216 Resp: 153394

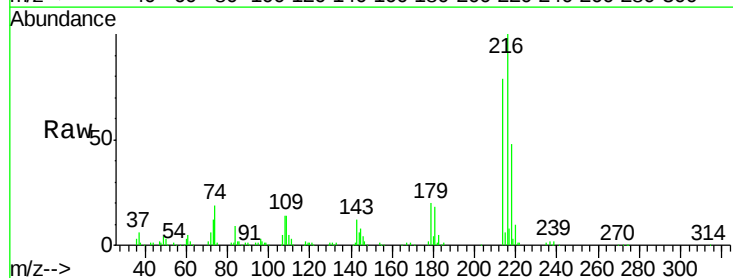
Ion Ratio Lower Upper

216 100

214 80.4 63.7 95.5

179 20.1 16.6 24.8

108 18.8 14.7 22.1

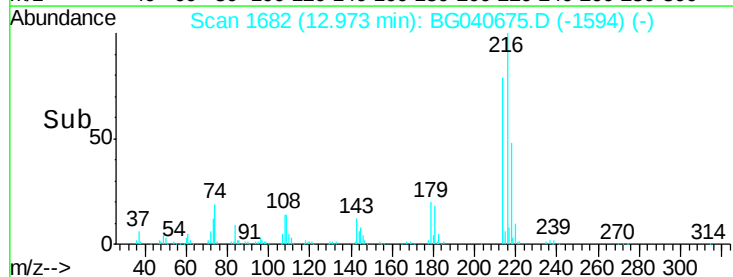
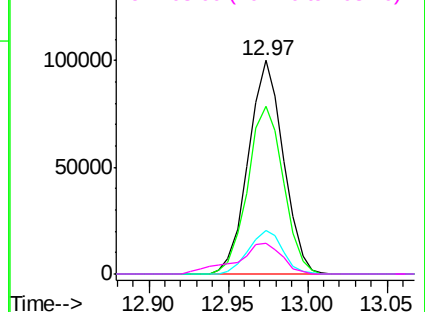


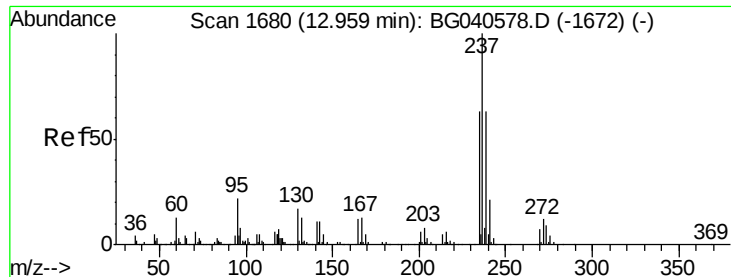
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.781 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

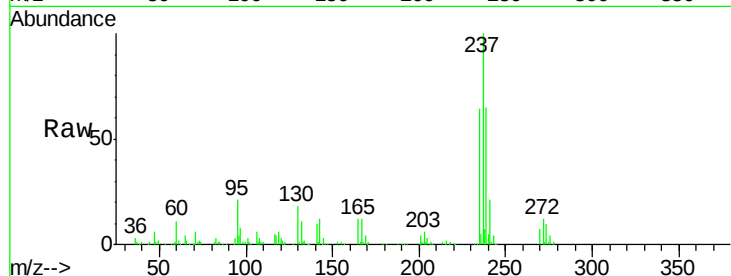
Tot Ion:237 Resp: 197974

Ion Ratio Lower Upper

237 100

235 64.3 42.5 82.5

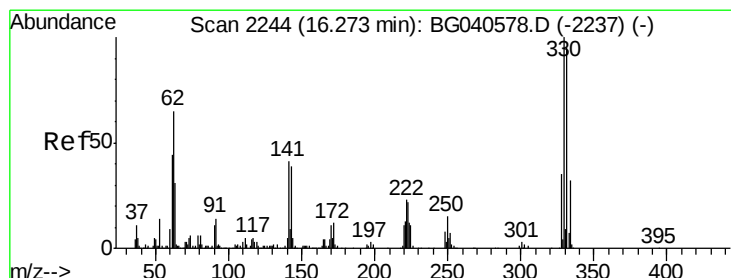
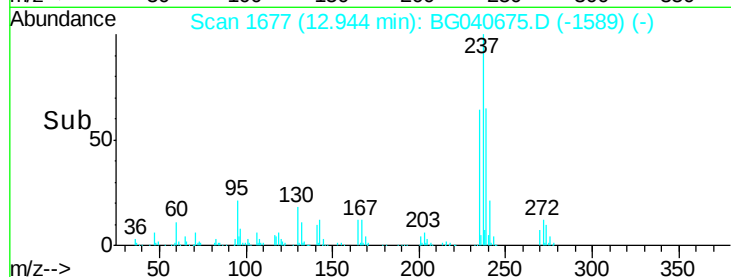
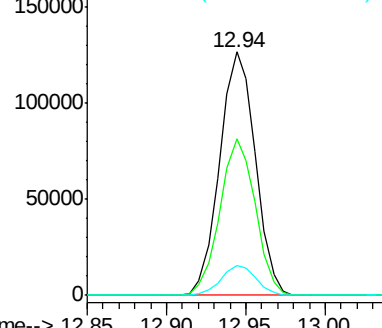
272 12.1 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 145.141 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

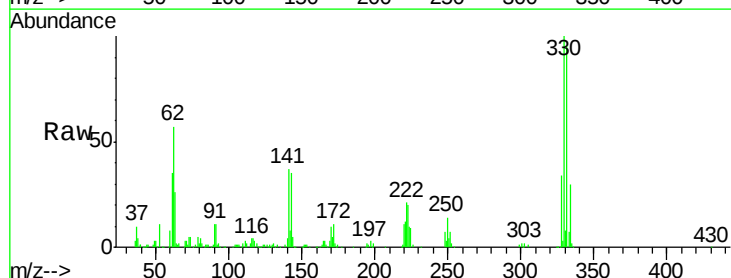
Tgt Ion:330 Resp: 197919

Ion Ratio Lower Upper

330 100

332 94.5 75.9 113.9

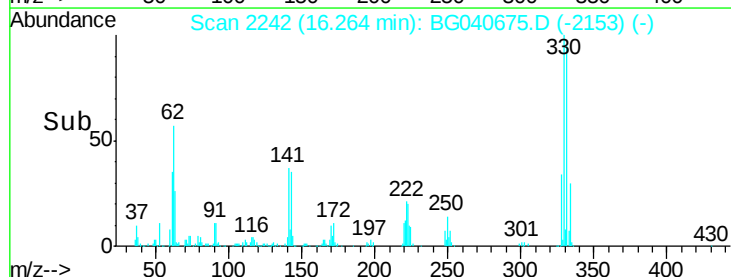
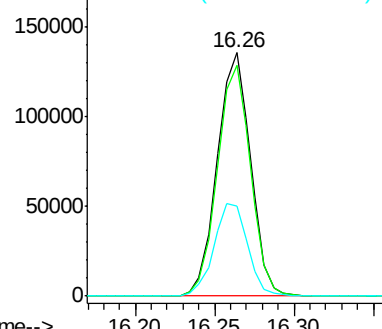
141 38.3 32.4 48.6

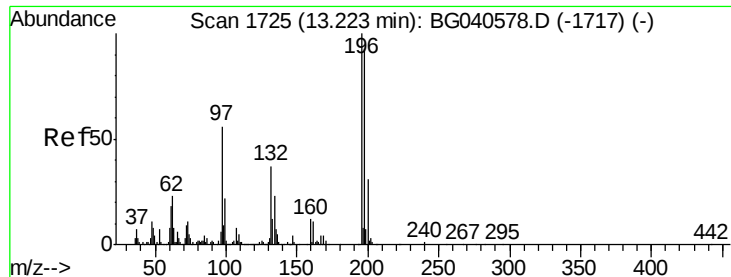


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

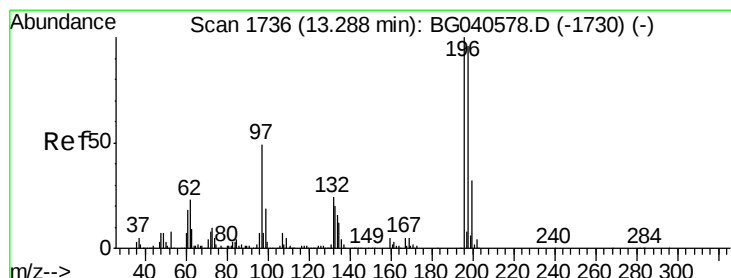
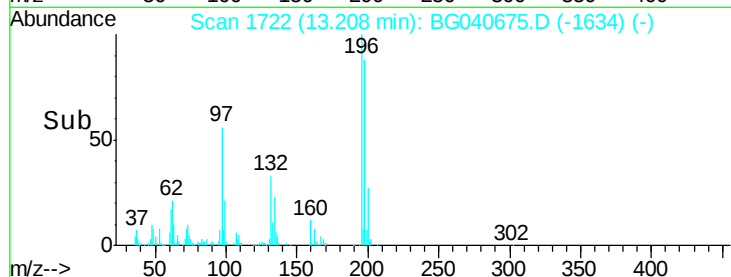
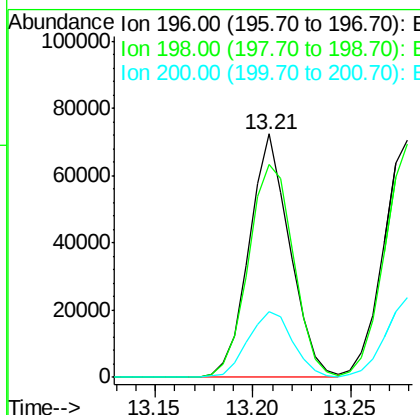
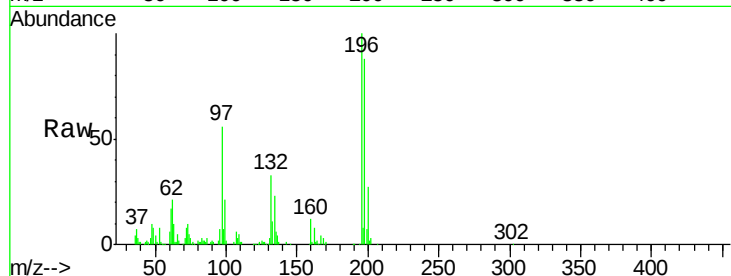




#43
 2,4,6-Trichlorophenol
 Concen: 47.049 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

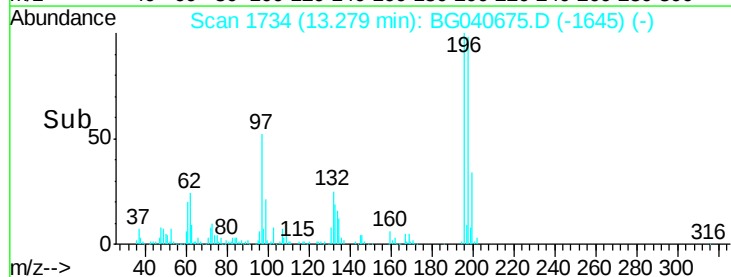
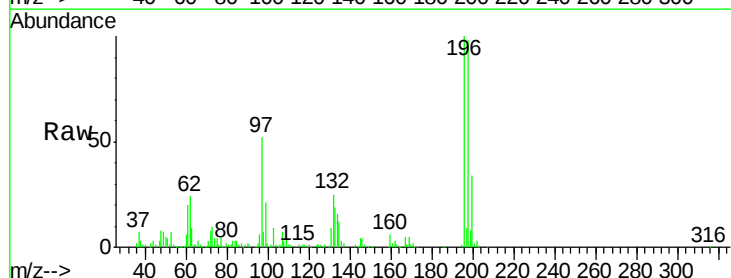
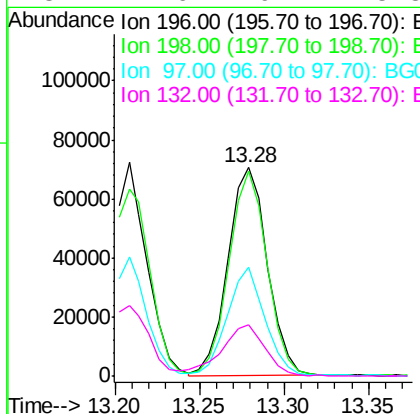
Instrument :
 BNA_G
 ClientSampled :

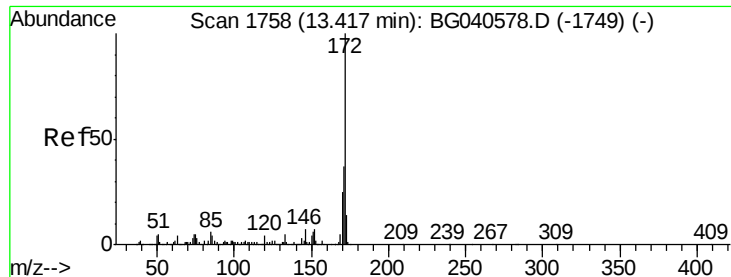
Tot Ion	196	Resp	105078
Ion	Ratio	Lower	Upper
196	100		
198	87.5	74.8	112.2
200	26.9	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.972 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Tgt Ion	196	Resp	114280
Ion	Ratio	Lower	Upper
196	100		
198	98.4	77.0	115.6
97	52.3	40.0	60.0
132	24.6	19.2	28.8

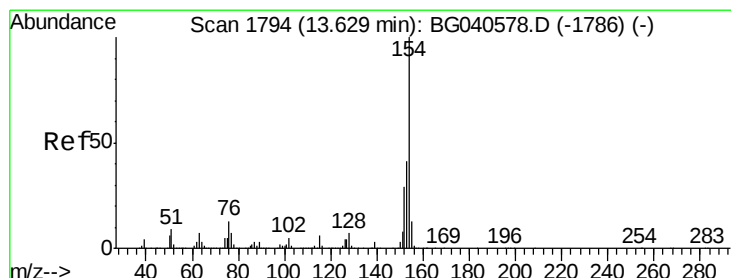
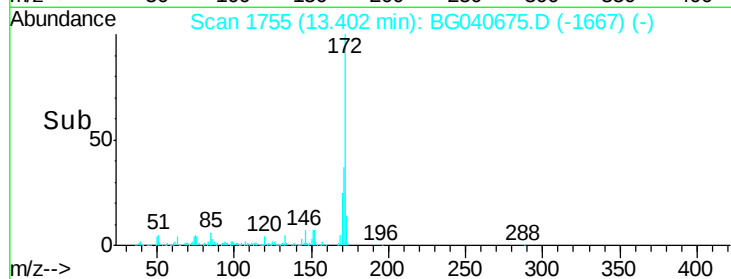
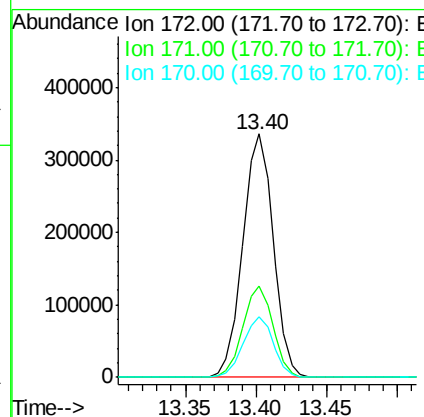
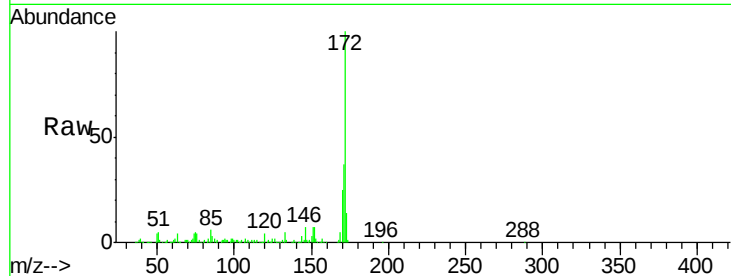




#45
2-Fluorobiphenyl
Concen: 73.780 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

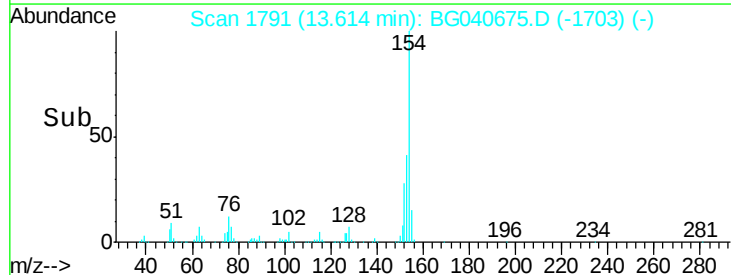
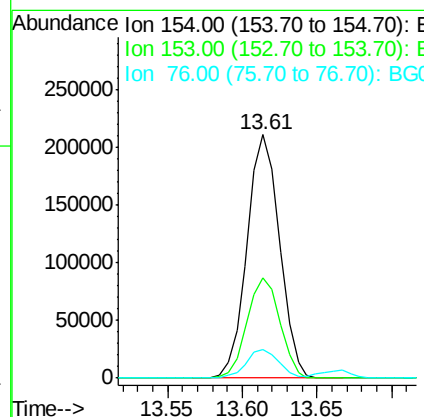
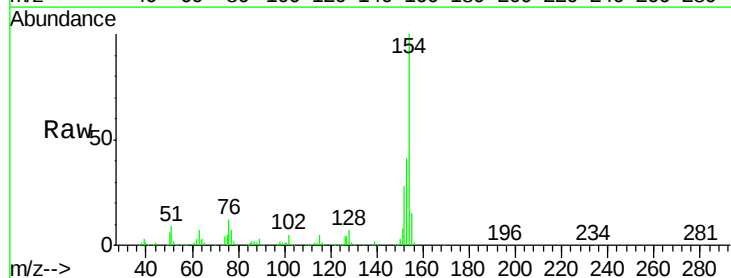
Instrument :
BNA_G
ClientSampleId :

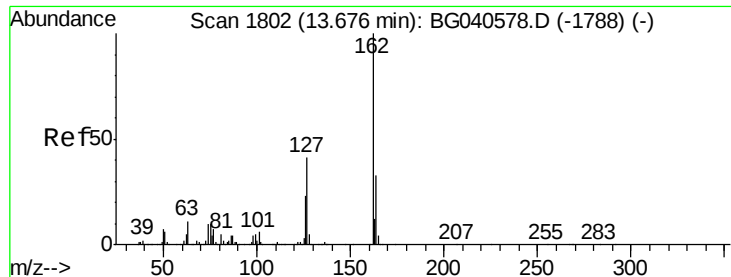
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.2
170	24.9	19.9	29.9



#46
1,1'-Biphenyl
Concen: 41.138 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.5	60.5
76	11.6	0.0	32.5

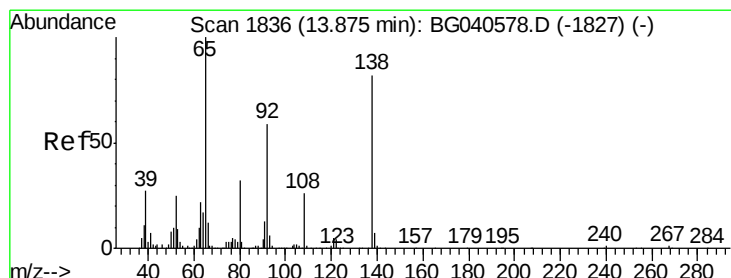
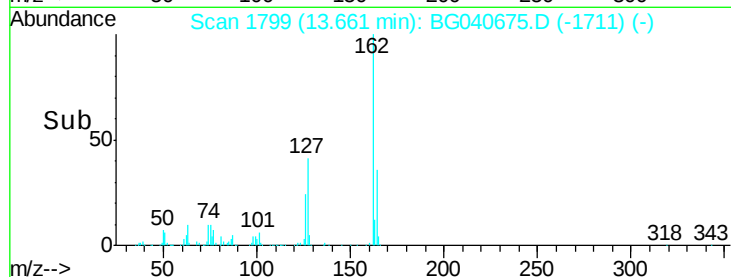
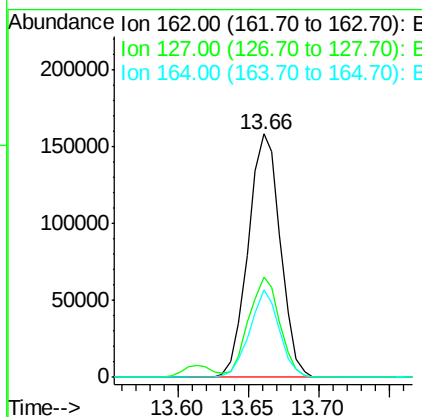
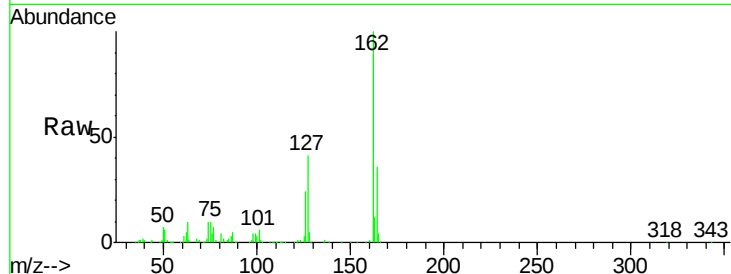




#47
 2-Chloronaphthalene
 Concen: 42.007 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

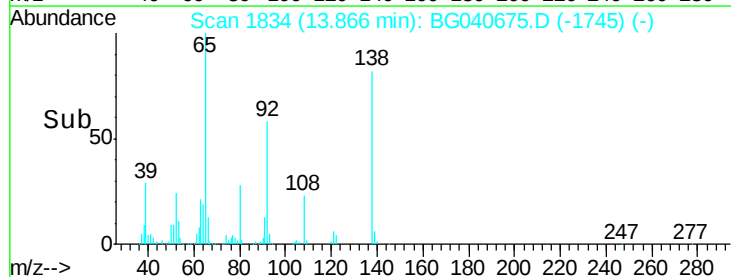
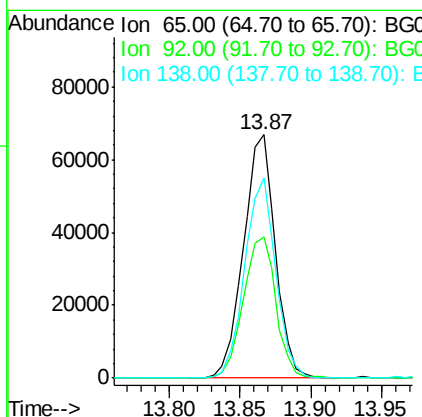
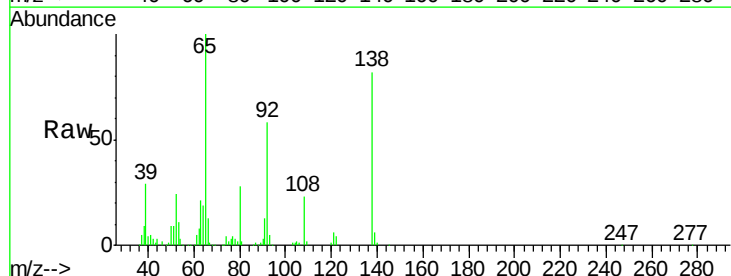
Instrument :
 BNA_G
 ClientSampleId :

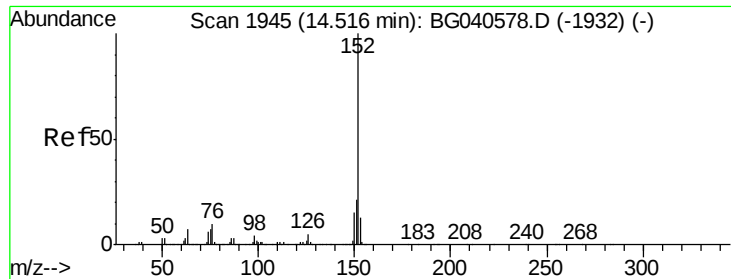
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.0	49.4
164	35.7	26.8	40.2



#48
 2-Nitroaniline
 Concen: 49.138 ng
 RT: 13.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.0	47.4	71.0
138	82.0	66.1	99.1





#49

Acenaphthylene

Concen: 40.345 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

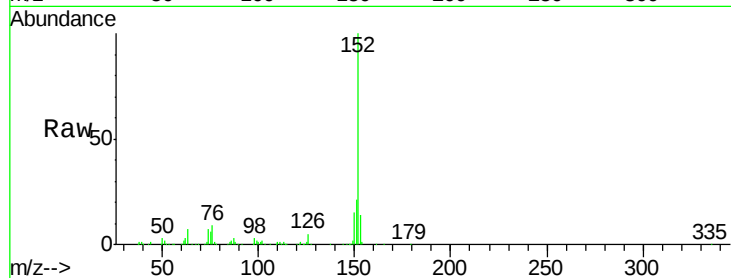
Tot Ion:152 Resp: 412614

Ion Ratio Lower Upper

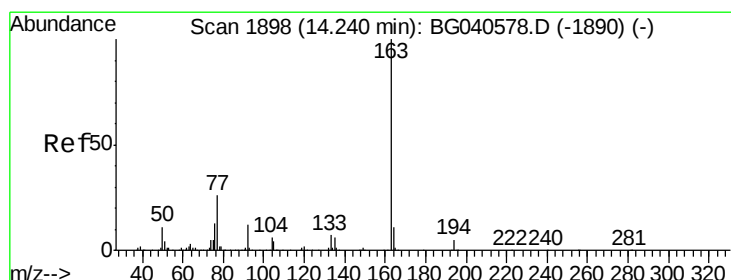
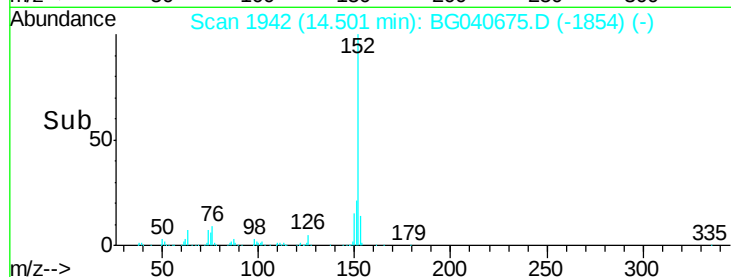
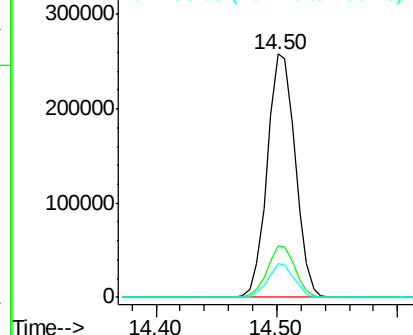
152 100

151 21.4 17.2 25.8

153 14.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.354 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

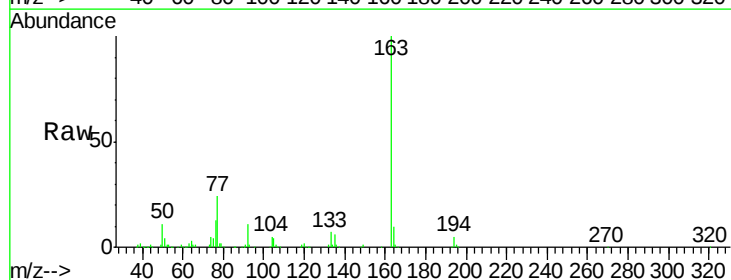
Tgt Ion:163 Resp: 359862

Ion Ratio Lower Upper

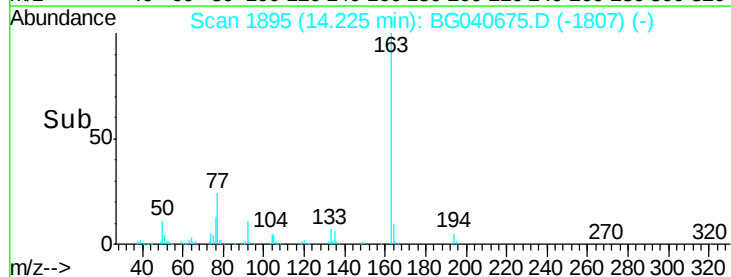
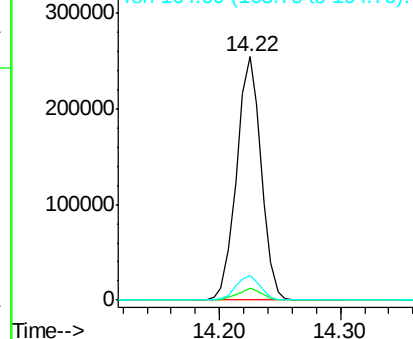
163 100

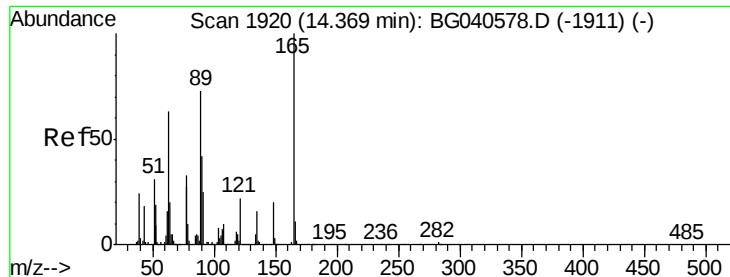
194 5.0 3.8 5.8

164 10.1 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

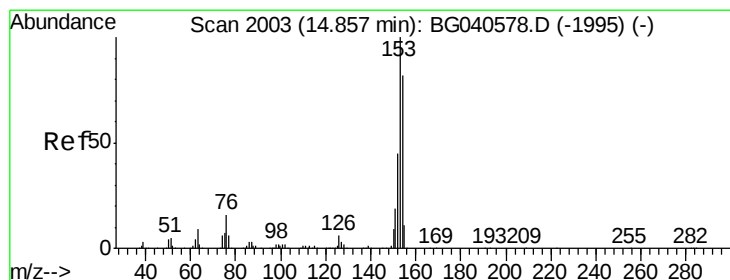
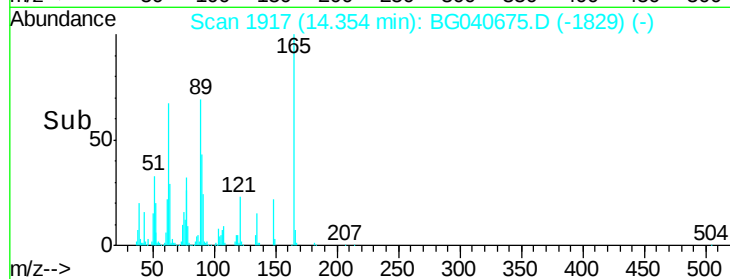
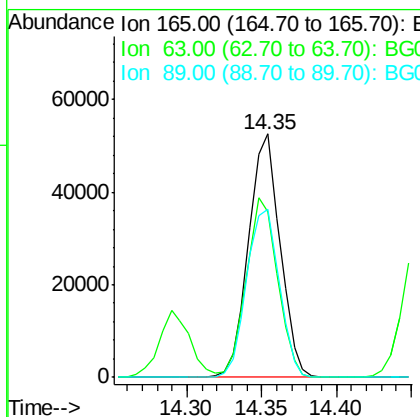
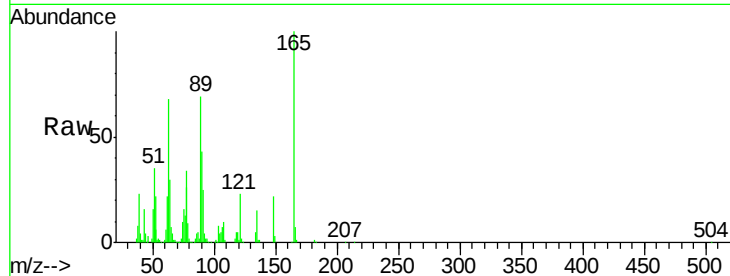




#51
2,6-Dinitrotoluene
Concen: 47.282 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

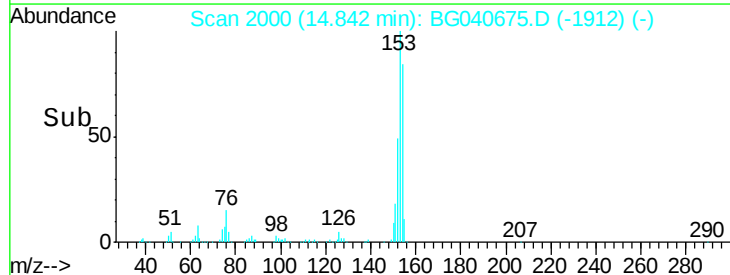
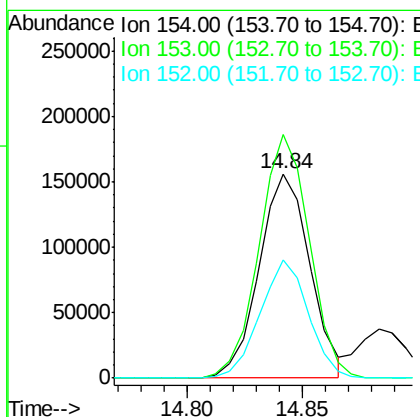
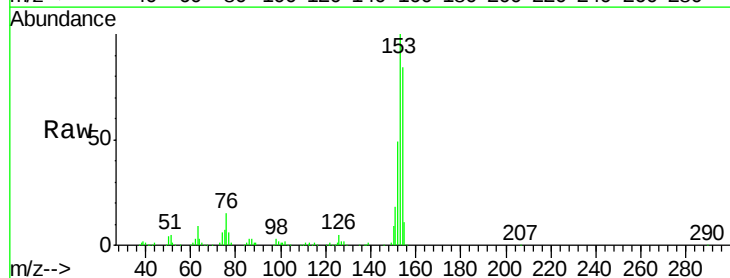
Instrument :
BNA_G
ClientSampleId :

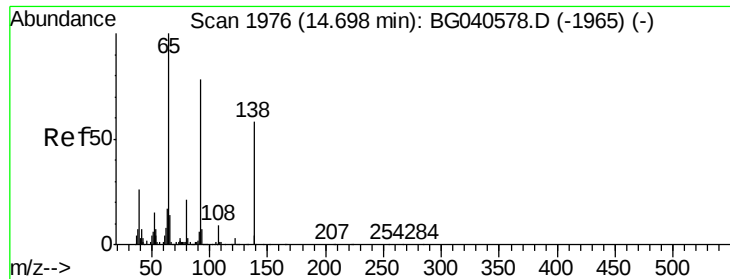
Tot Ion	Ratio	Lower	Upper
165	100		
63	67.8	61.0	91.4
89	69.0	58.6	87.8



#52
Acenaphthene
Concen: 39.883 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	119.1	97.0	145.6
152	58.0	44.1	66.1

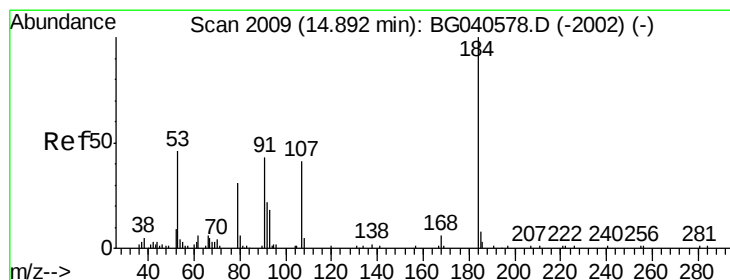
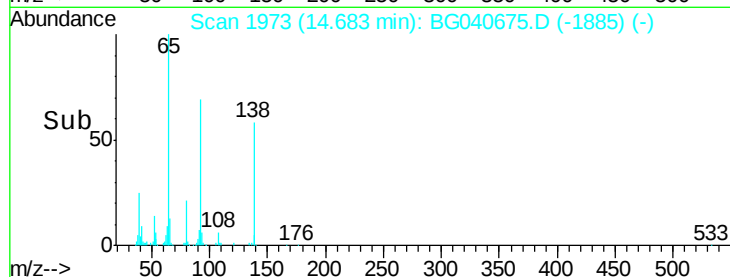
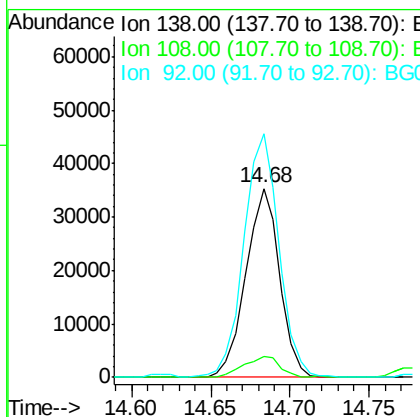
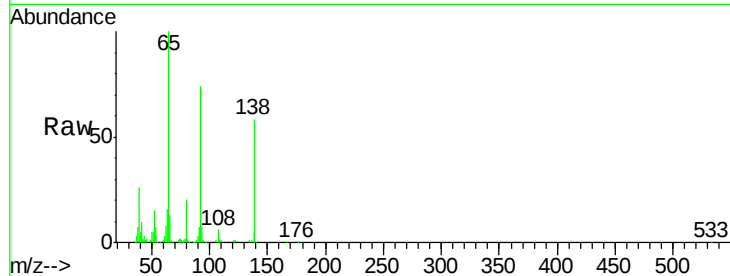




#53
3-Nitroaniline
Concen: 31.400 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

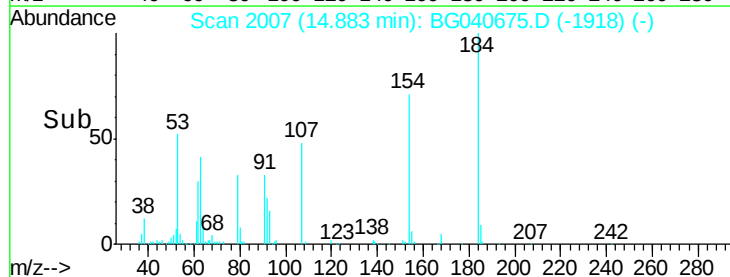
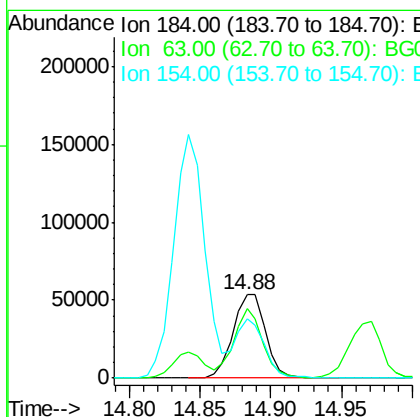
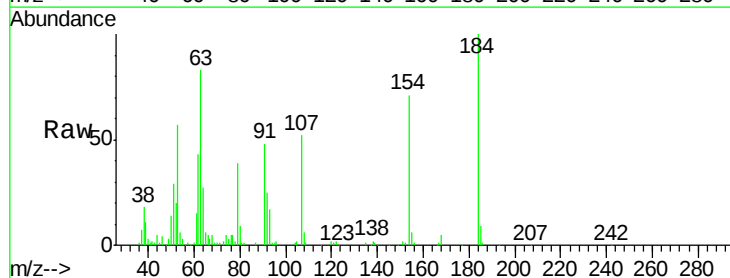
Instrument :
BNA_G
ClientSampleId :

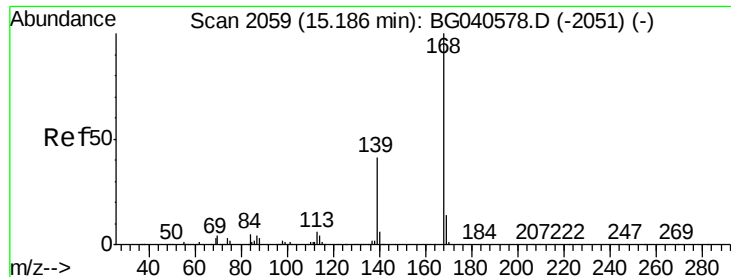
Tot Ion:138 Resp: 52120
Ion Ratio Lower Upper
138 100
108 10.8 12.4 18.6#
92 128.7 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 93.272 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Tgt Ion:184 Resp: 86385
Ion Ratio Lower Upper
184 100
63 83.1 51.8 77.6#
154 70.7 43.6 65.4#





#55

Dibenzenofuran

Concen: 42.489 ng

RT: 15.18 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

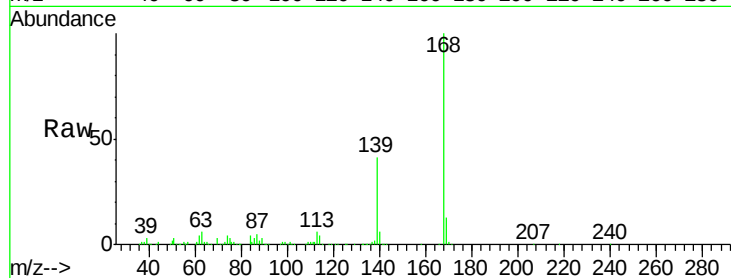
Tot Ion:168 Resp: 414499

Ion Ratio Lower Upper

168 100

139 41.3 33.0 49.4

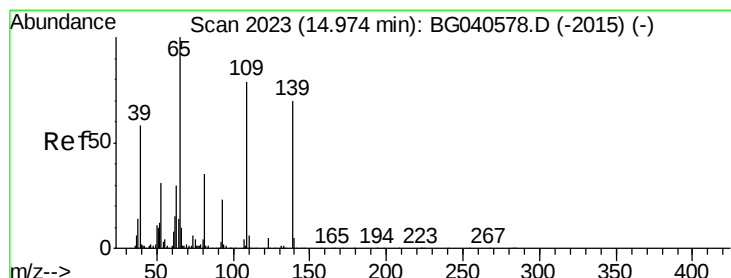
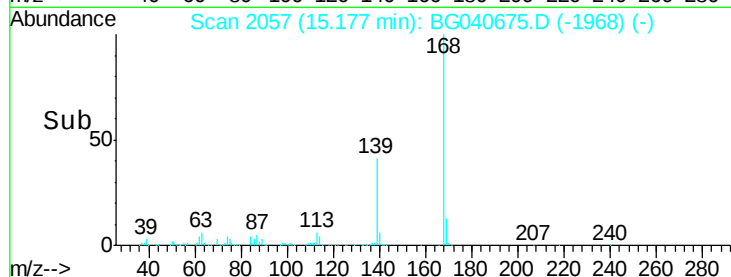
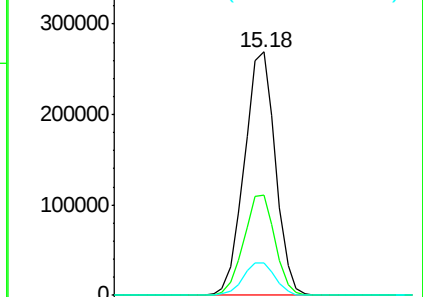
169 13.3 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 95.646 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

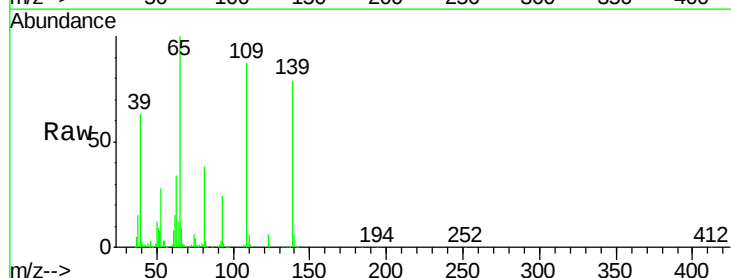
Tgt Ion:139 Resp: 137663

Ion Ratio Lower Upper

139 100

109 109.1 93.8 133.8

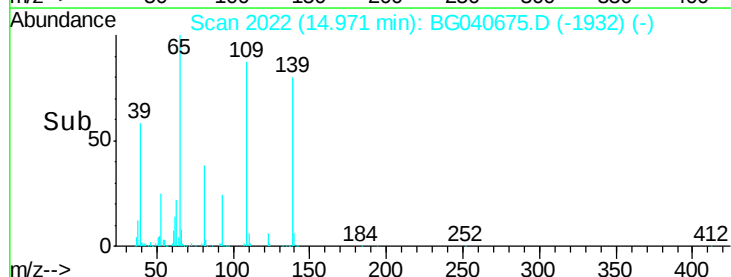
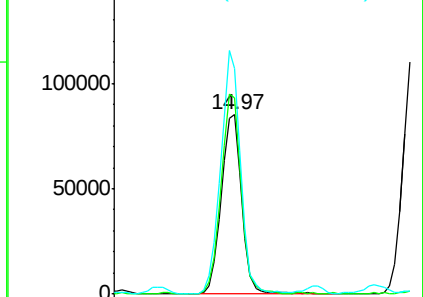
65 125.9 122.7 162.7

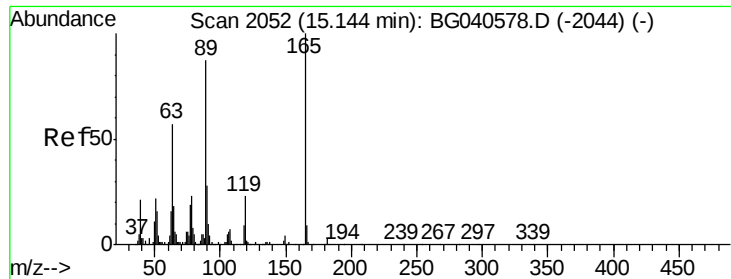


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

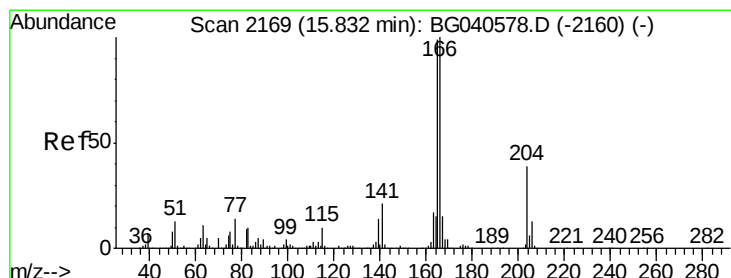
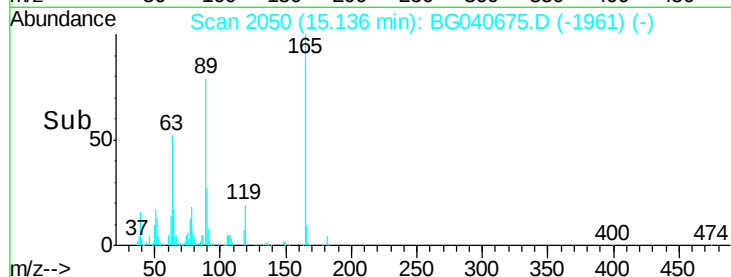
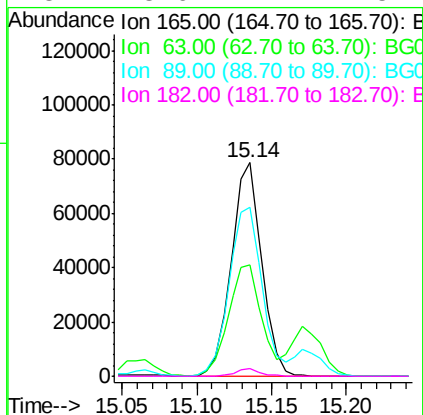
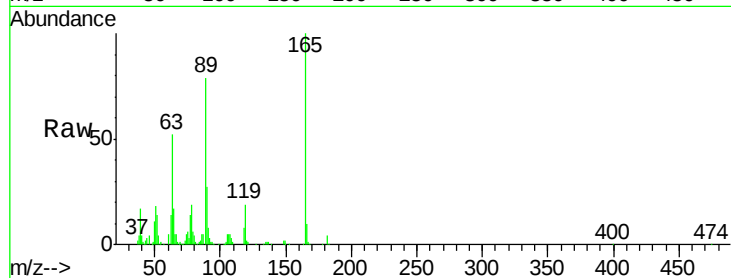




#57
 2,4-Dinitrotoluene
 Concen: 50.810 ng
 RT: 15.14 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

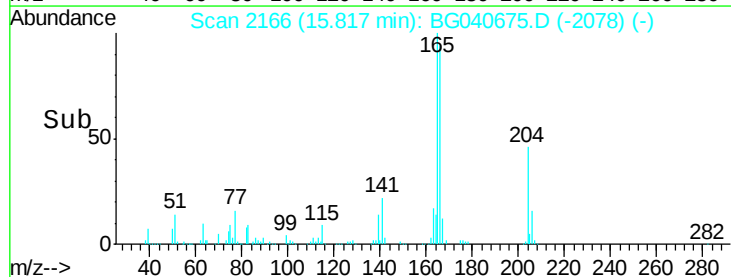
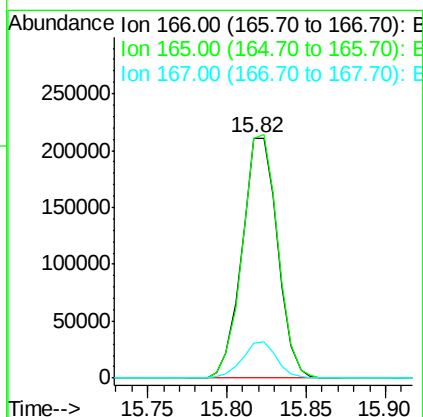
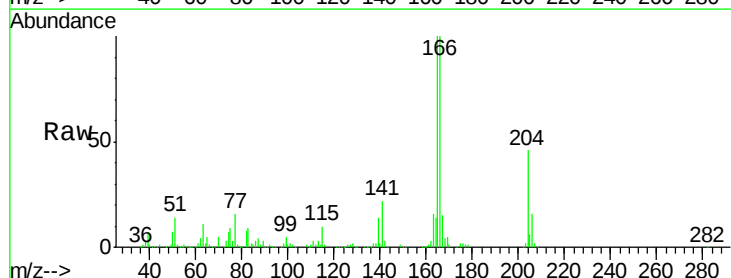
Instrument :
 BNA_G
 ClientSampleId :

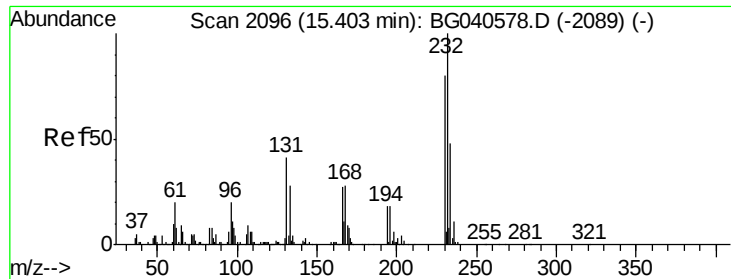
Tot Ion:165 Resp: 111850
 Ion Ratio Lower Upper
 165 100
 63 52.0 45.8 68.8
 89 79.1 69.4 104.2
 182 3.6 2.2 3.4#



#58
 Fluorene
 Concen: 41.437 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Tgt Ion:166 Resp: 326727
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.6 119.4
 167 14.5 12.2 18.2

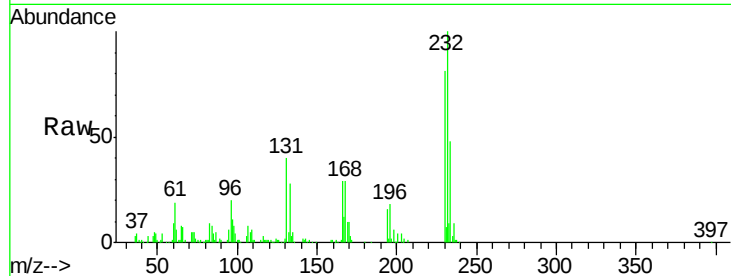




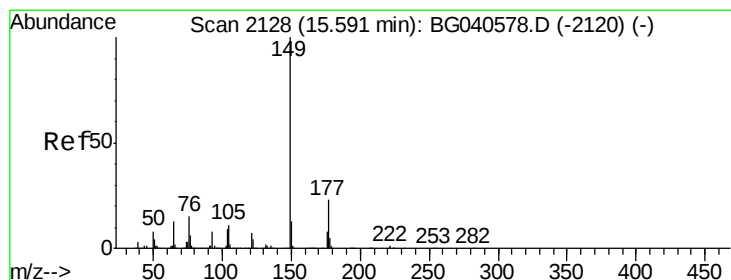
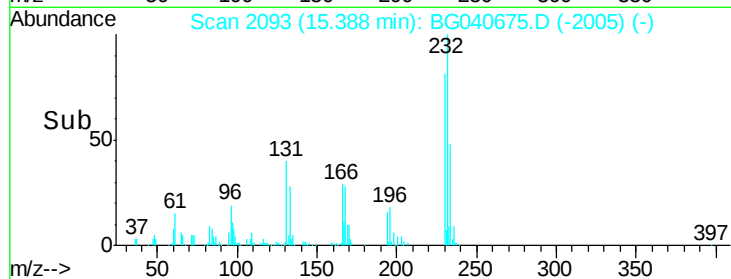
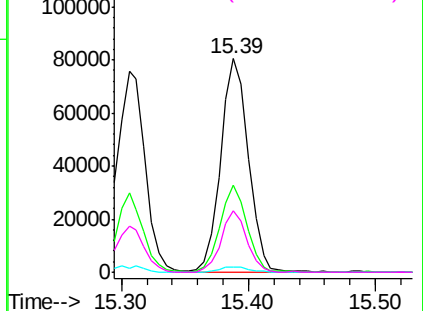
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.818 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	121992
Ion Ratio	Lower	Upper
232	100	
131	38.7	33.0 49.4
130	2.7	2.0 3.0
166	26.6	22.1 33.1

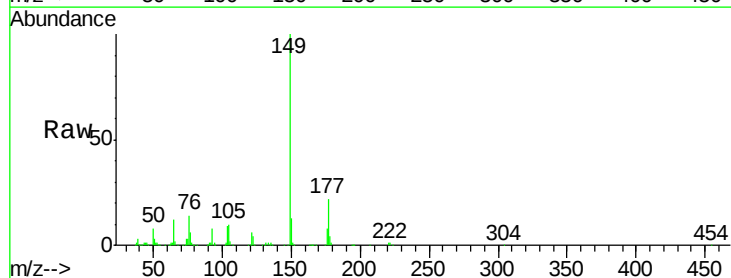


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

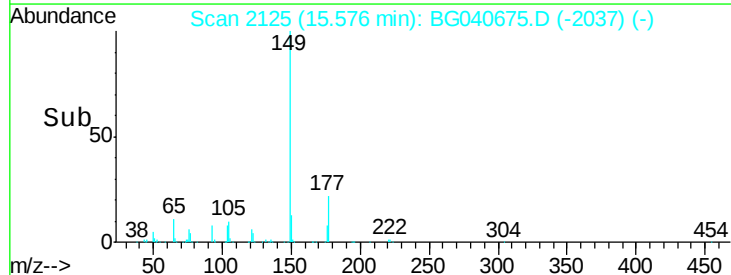
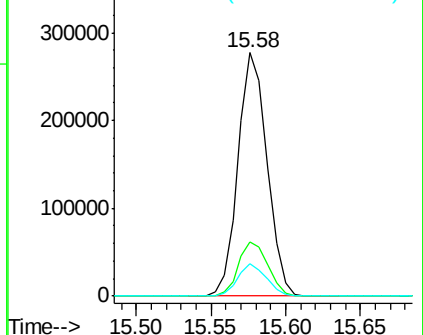


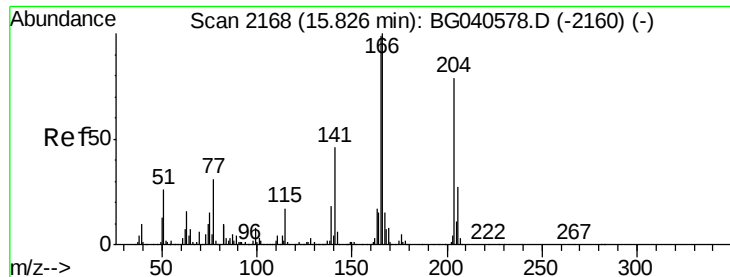
#60
 Diethylphthalate
 Concen: 42.795 ng
 RT: 15.58 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Tgt Ion:149	Resp:	374787
Ion Ratio	Lower	Upper
149	100	
177	22.3	18.5 27.7
150	13.4	10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

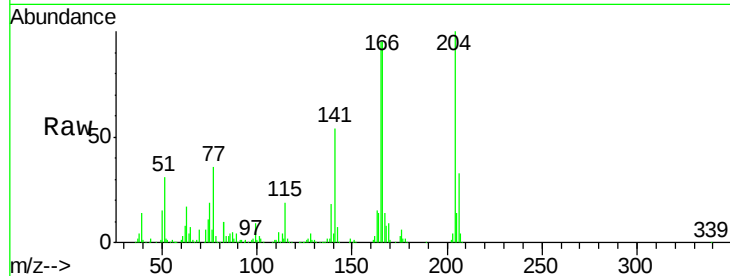




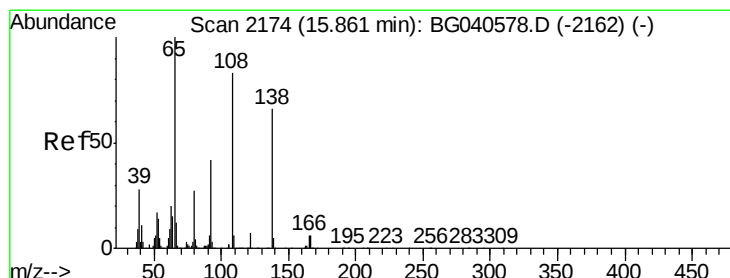
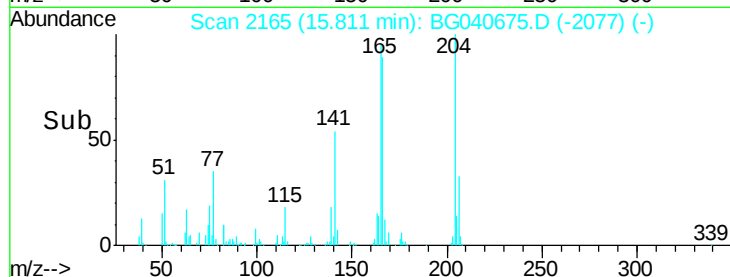
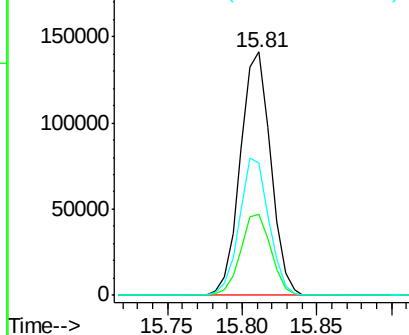
#61
 4-Chlorophenyl-phenylether
 Concen: 43.271 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 198436
 Ion Ratio Lower Upper
 204 100
 206 33.2 27.4 41.2
 141 54.4 46.0 69.0

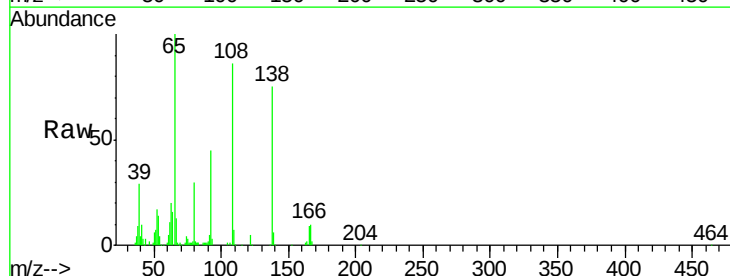


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

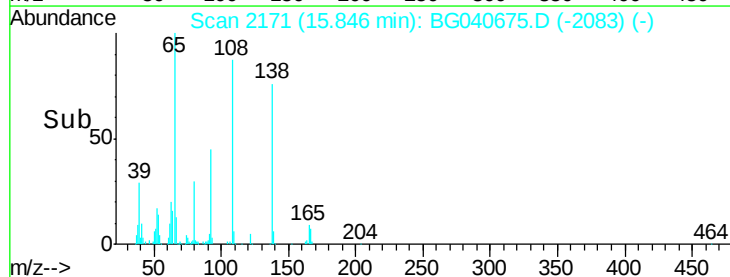
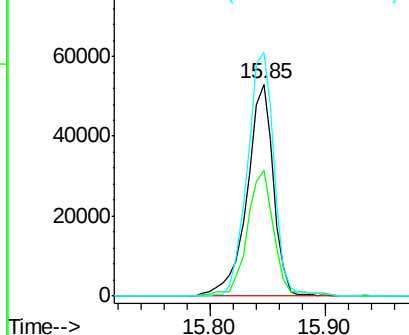


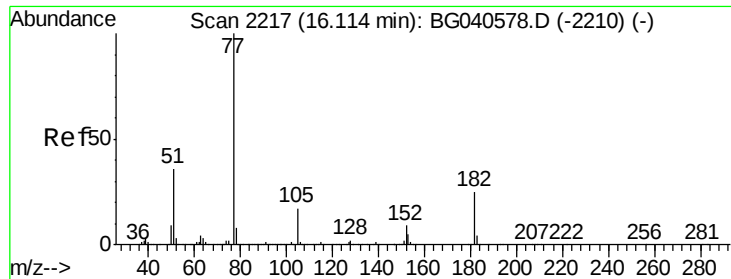
#62
 4-Nitroaniline
 Concen: 45.272 ng
 RT: 15.85 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Tgt Ion:138 Resp: 84060
 Ion Ratio Lower Upper
 138 100
 92 59.5 43.9 83.9
 108 114.7 106.5 146.5



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: 41.134 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 370995

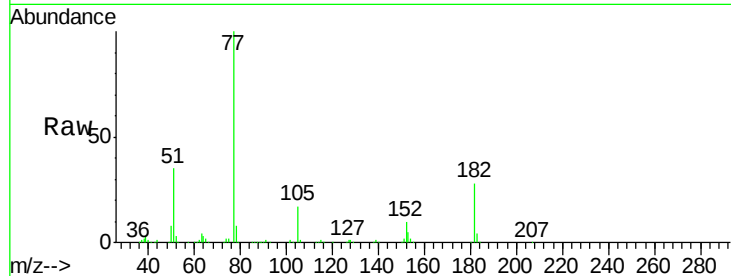
Ion Ratio Lower Upper

77 100

182 27.6 5.0 45.0

105 17.3 0.0 37.6

51 35.4 16.3 56.3

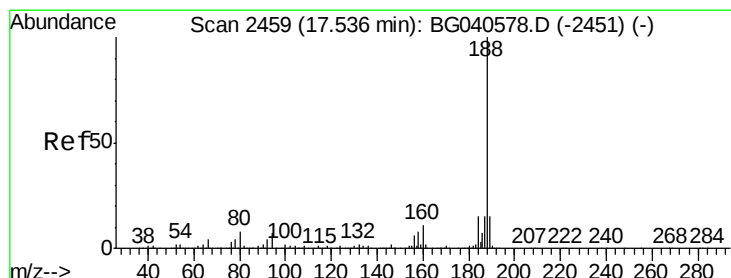
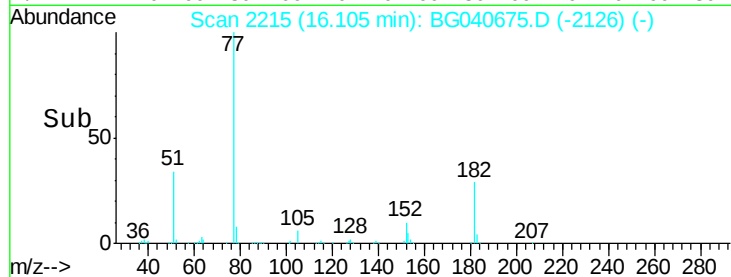
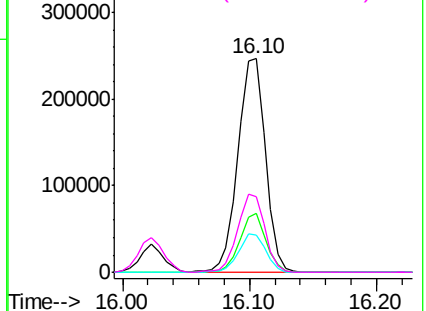


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

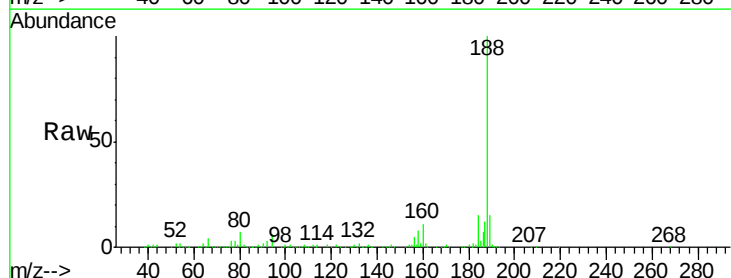
Tgt Ion: 188 Resp: 261639

Ion Ratio Lower Upper

188 100

94 6.1 5.6 8.4

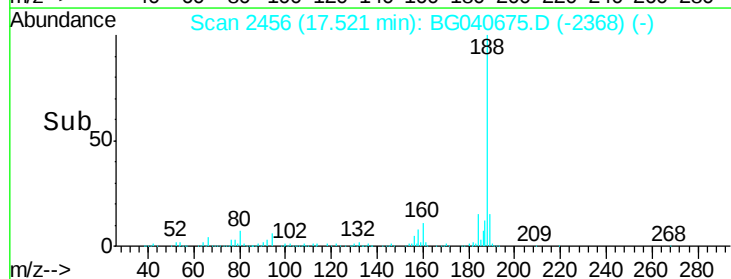
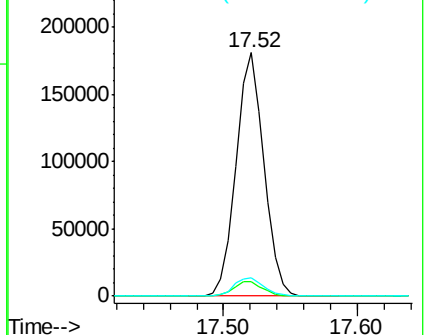
80 7.5 6.4 9.6

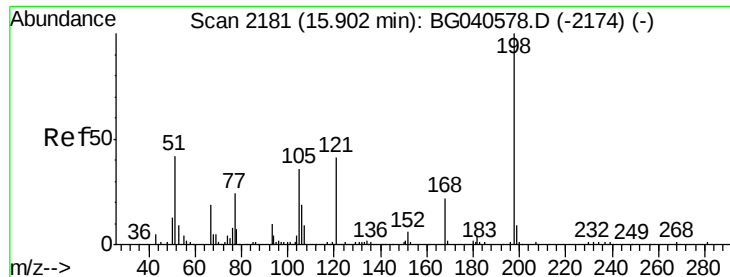


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.198 ng

RT: 15.89 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampled :

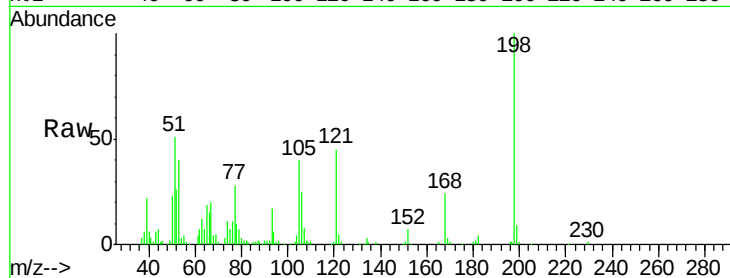
Tot Ion:198 Resp: 57641

Ion Ratio Lower Upper

198 100

51 51.5 35.9 75.9

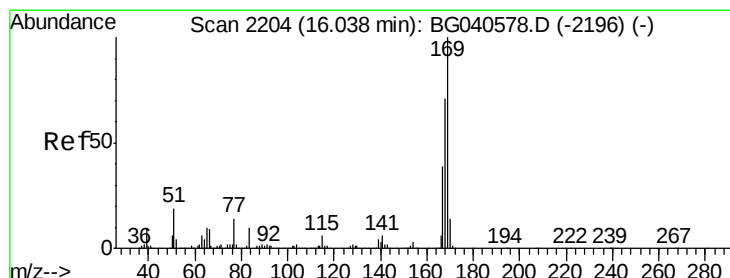
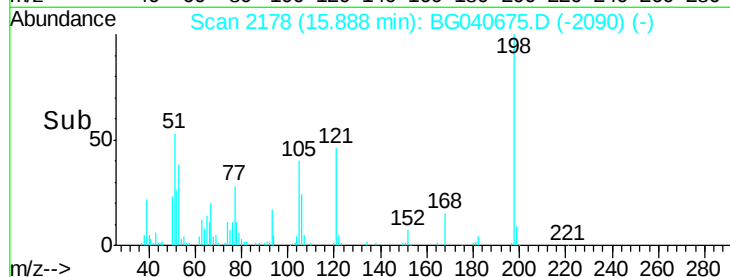
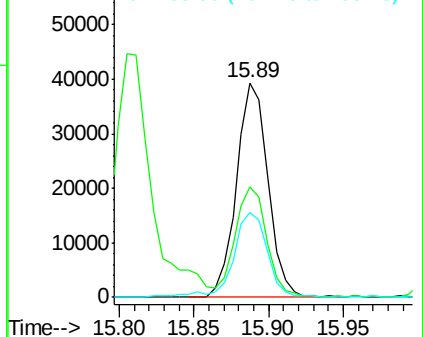
105 39.6 21.2 61.2



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: 40.305 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

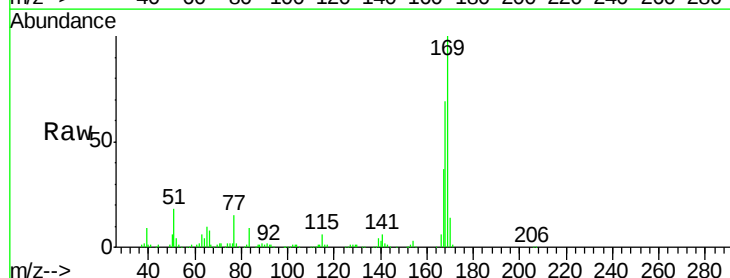
Tgt Ion:169 Resp: 310259

Ion Ratio Lower Upper

169 100

168 68.8 56.8 85.2

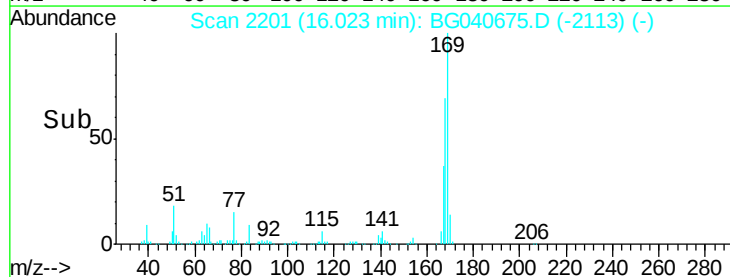
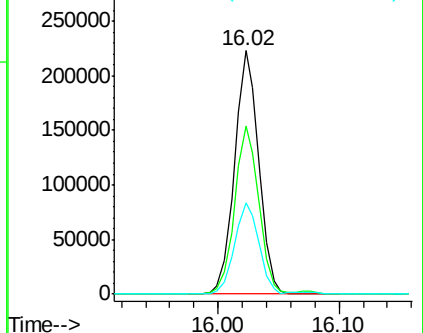
167 37.3 31.4 47.0

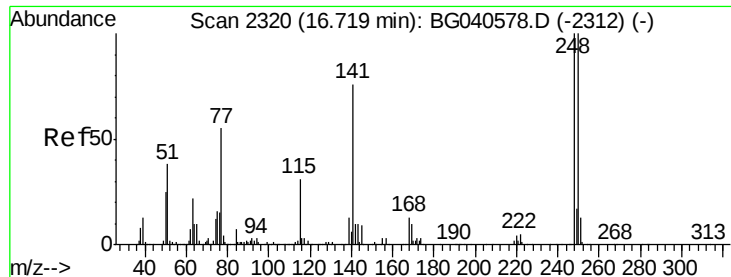


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.850 ng

RT: 16.70 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

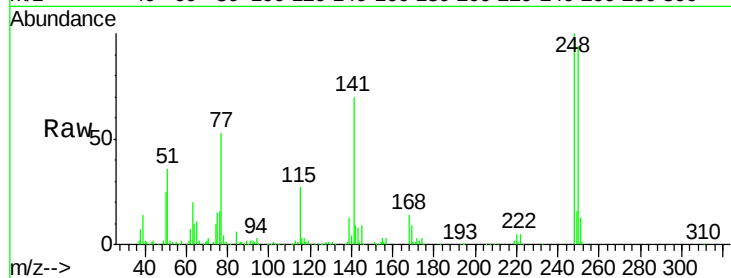
Tot Ion:248 Resp: 133156

Ion Ratio Lower Upper

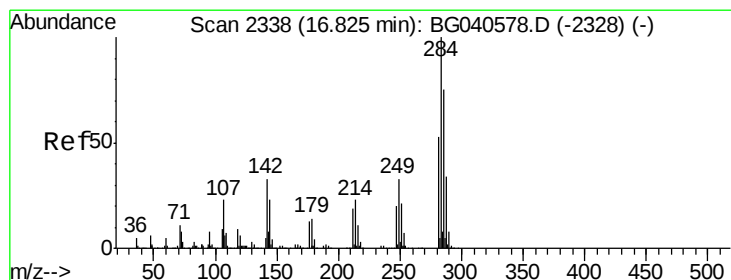
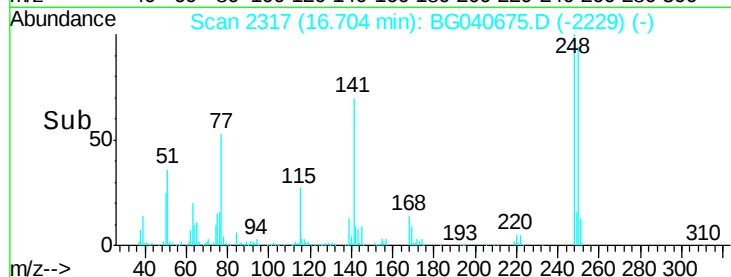
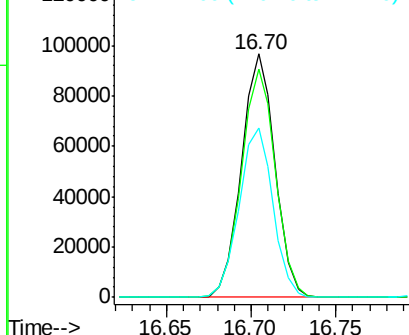
248 100

250 94.0 79.8 119.6

141 69.8 60.8 91.2



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



#68

Hexachlorobenzene

Concen: 41.117 ng

RT: 16.82 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

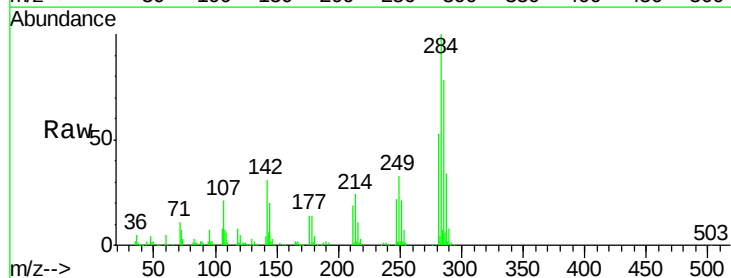
Tgt Ion:284 Resp: 138584

Ion Ratio Lower Upper

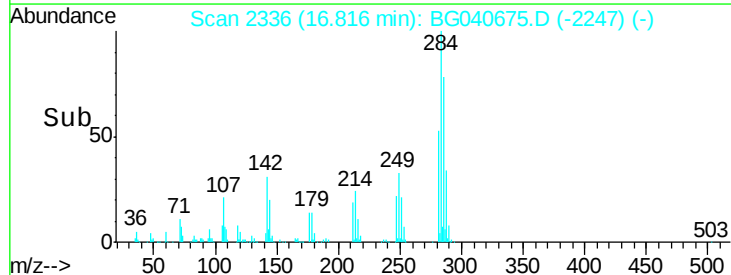
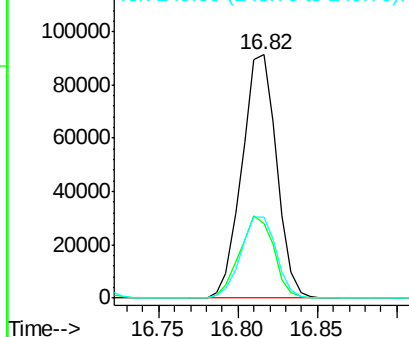
284 100

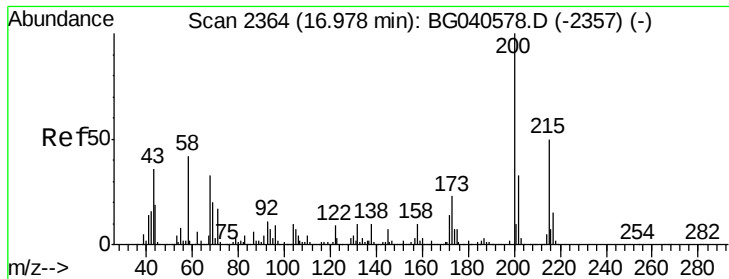
142 30.8 26.6 40.0

249 33.5 26.0 39.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

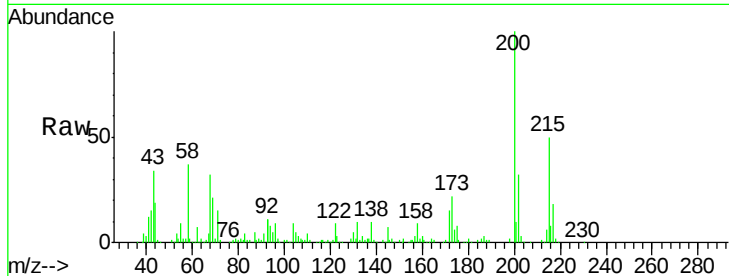




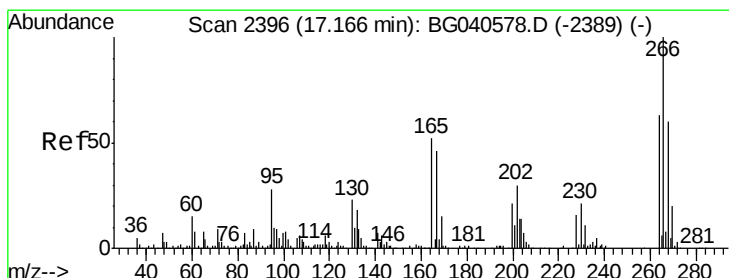
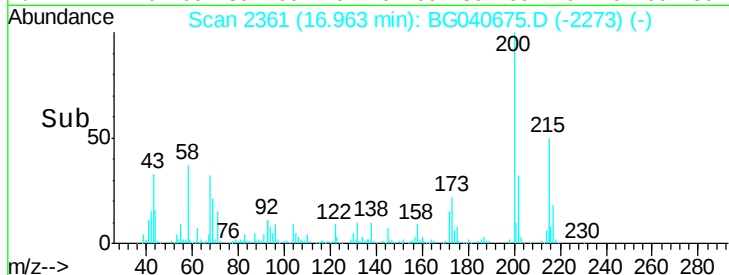
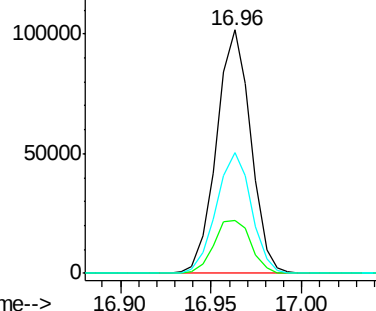
#69
 Atrazine
 Concen: 43.689 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.7	2.8	42.8
215	49.5	30.2	70.2

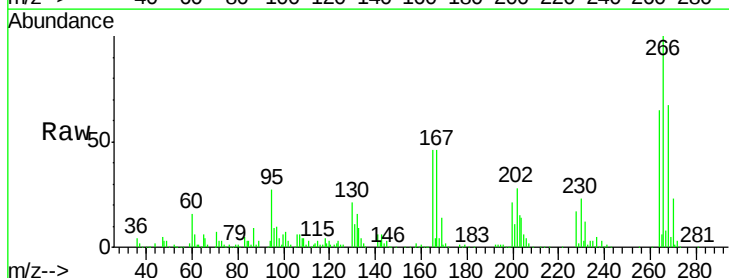


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

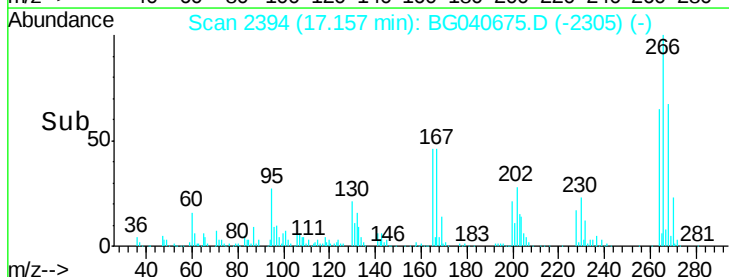
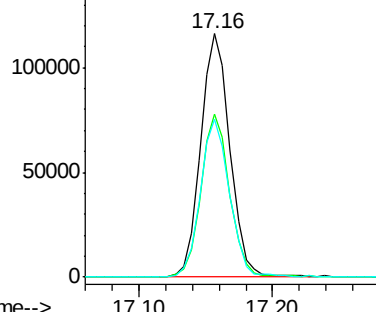


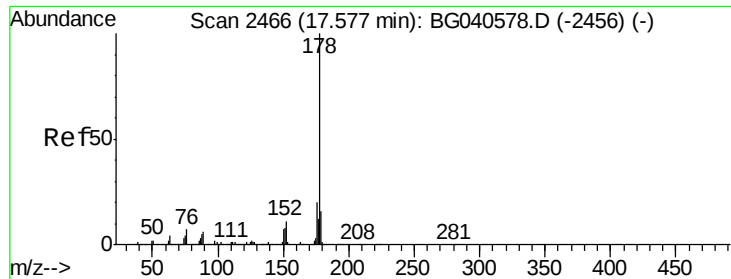
#70
 Pentachlorophenol
 Concen: 89.896 ng
 RT: 17.16 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BG040675.D
 Acq: 30 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	52.3	78.5
264	64.8	50.0	75.0



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

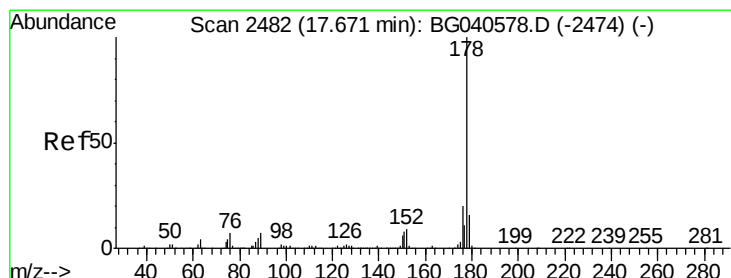
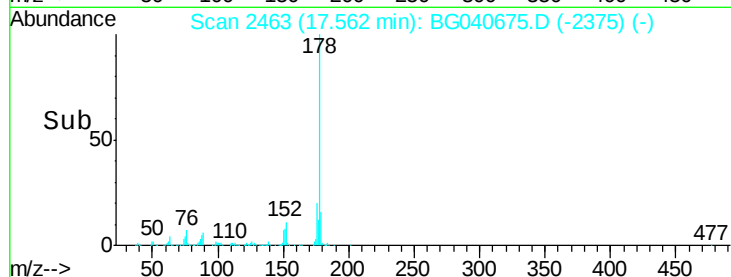
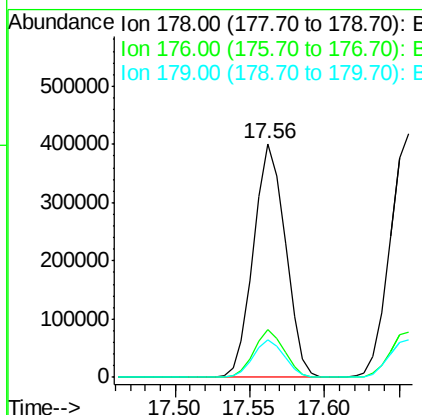
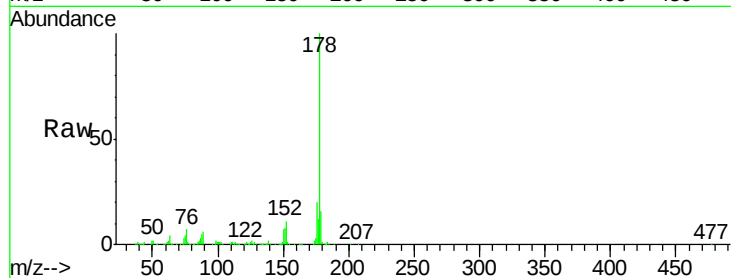




#71
Phenanthrene
Concen: 42.022 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

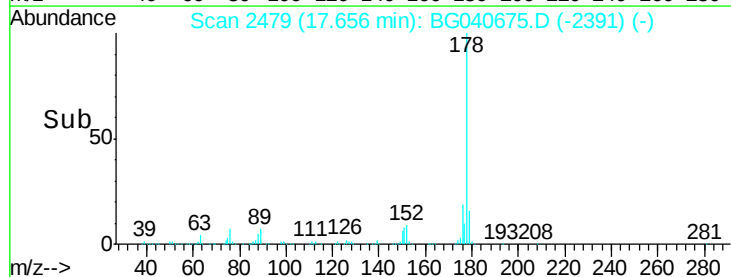
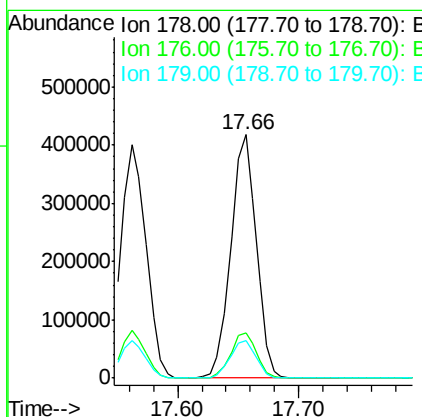
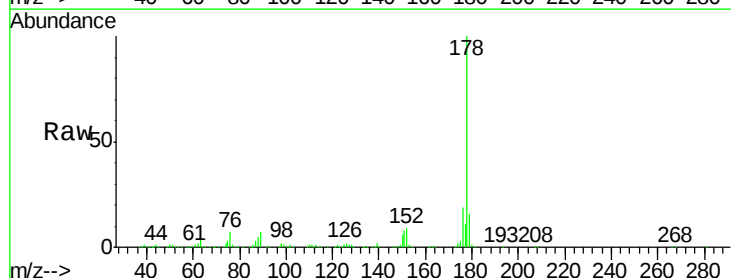
Instrument :
BNA_G
ClientSampled :

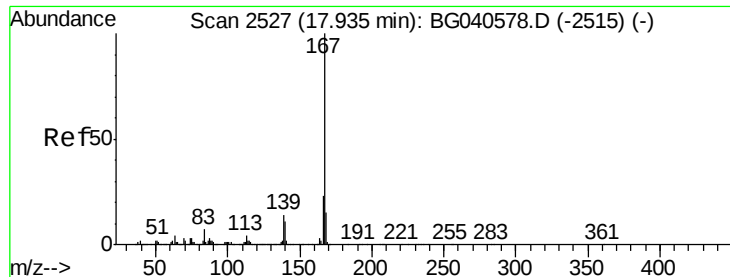
Tot Ion:178 Resp: 592199
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 16.3 12.6 18.8



#72
Anthracene
Concen: 43.368 ng
RT: 17.66 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Tgt Ion:178 Resp: 614325
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 15.6 12.9 19.3





#73

Carbazole

Concen: 42.923 ng

RT: 17.93 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

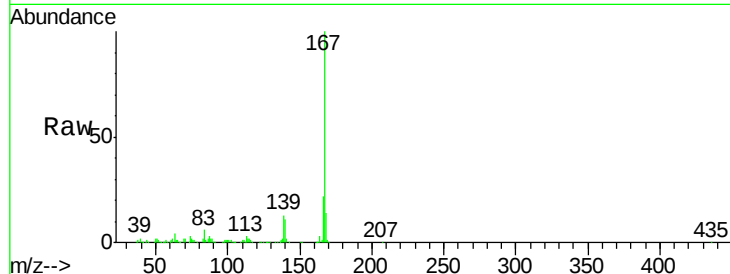
Tot Ion:167 Resp: 553948

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.4

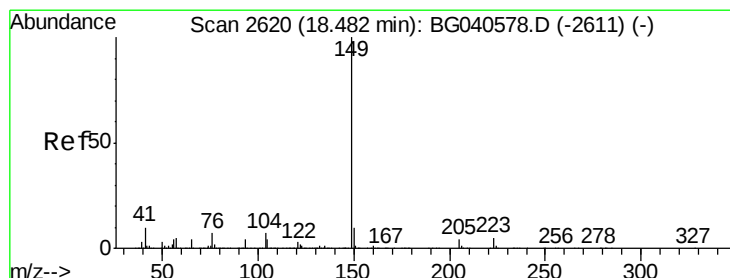
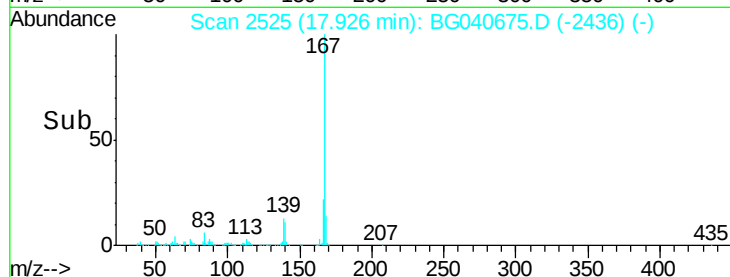
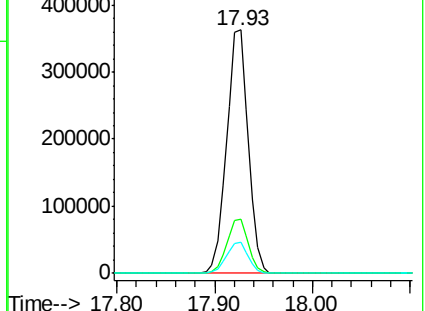
139 13.0 11.4 17.0



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: 41.681 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

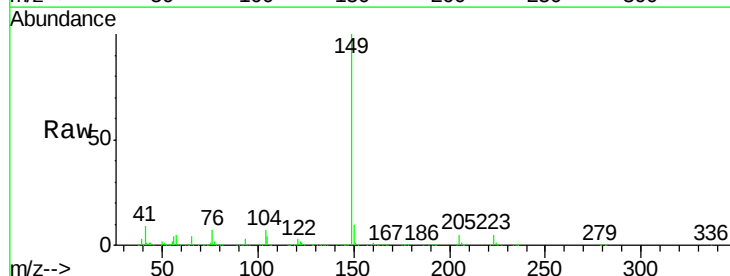
Tgt Ion:149 Resp: 649274

Ion Ratio Lower Upper

149 100

150 9.8 8.2 12.2

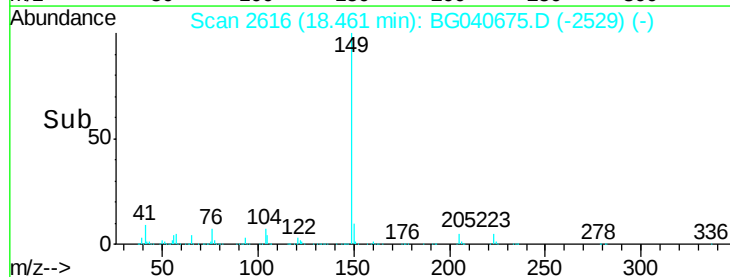
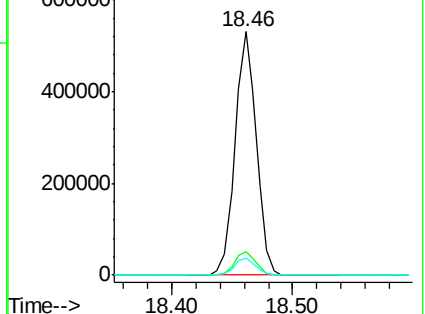
104 7.1 5.4 8.2

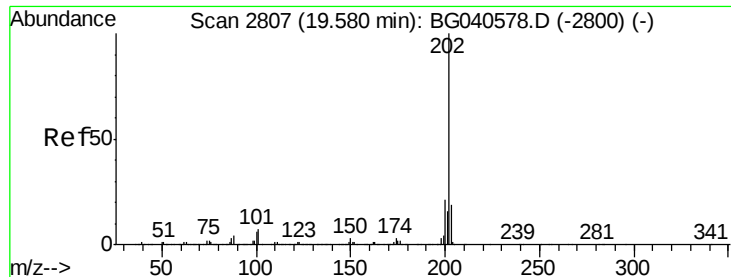


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.624 ng

RT: 19.57 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

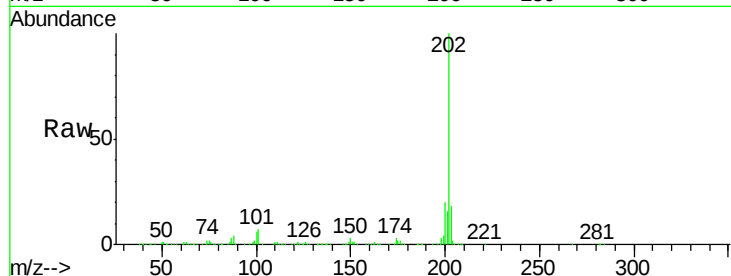
Tot Ion:202 Resp: 801239

Ion Ratio Lower Upper

202 100

101 6.8 0.0 27.5

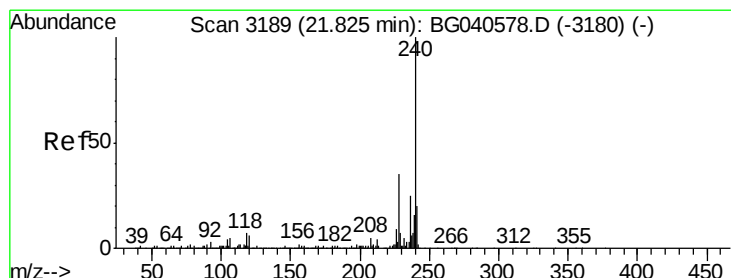
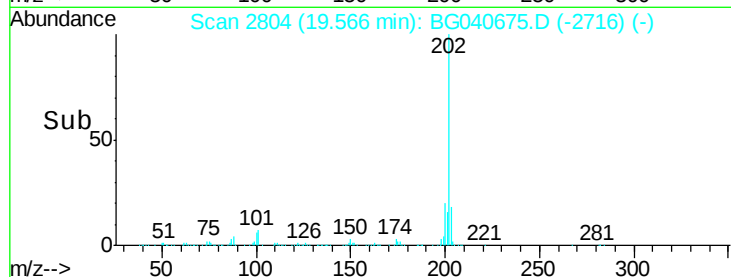
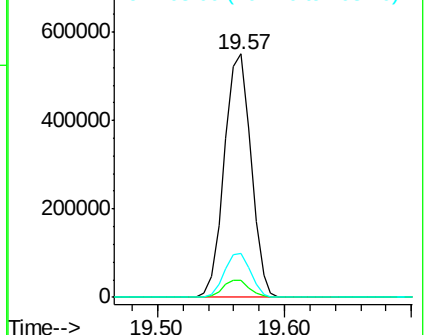
203 18.2 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

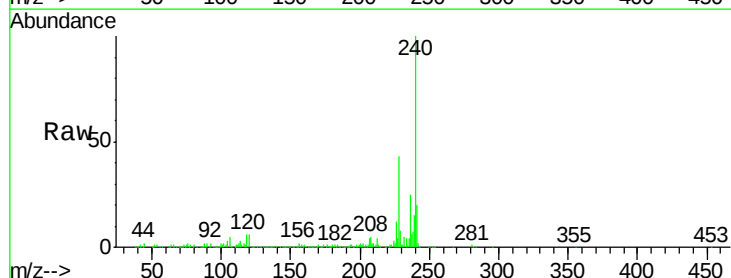
Tgt Ion:240 Resp: 299880

Ion Ratio Lower Upper

240 100

120 6.3 5.0 7.6

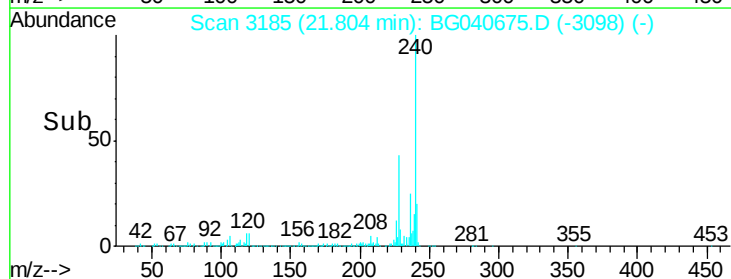
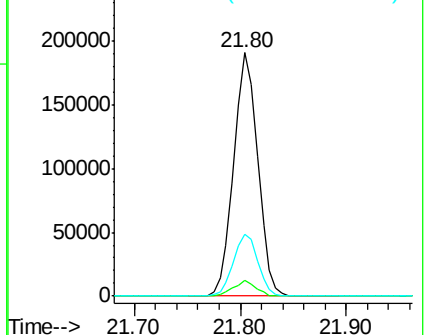
236 25.3 20.3 30.5

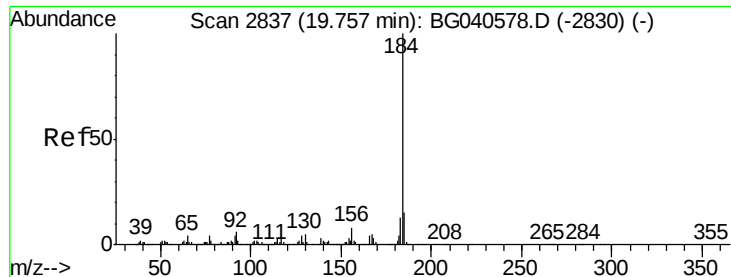


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.224 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampled :

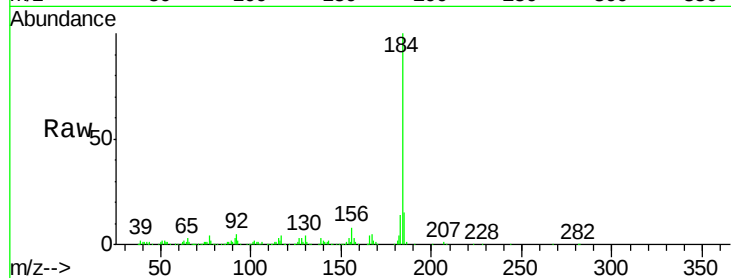
Tot Ion:184 Resp: 289219

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.8

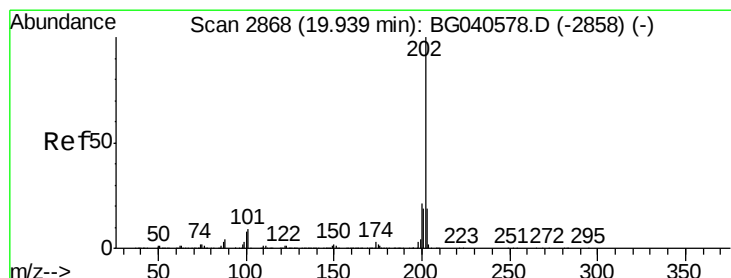
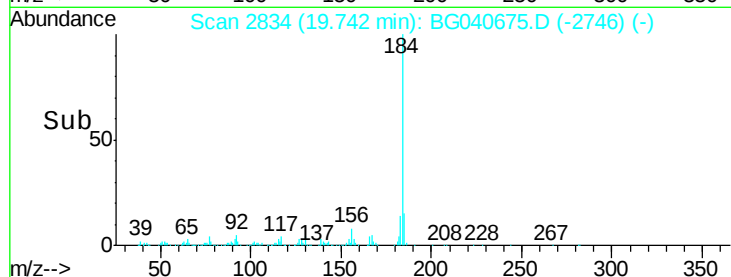
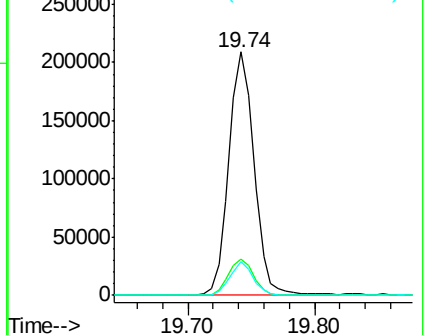
183 13.7 10.2 15.2



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: 42.130 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

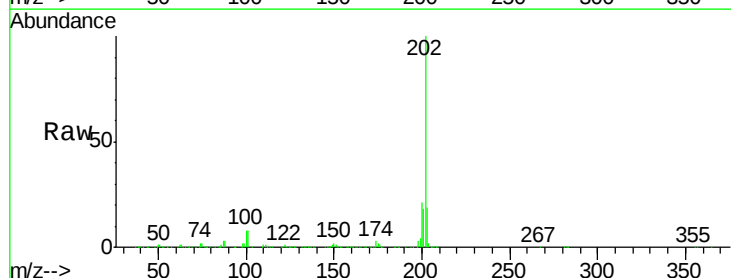
Tgt Ion:202 Resp: 791846

Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

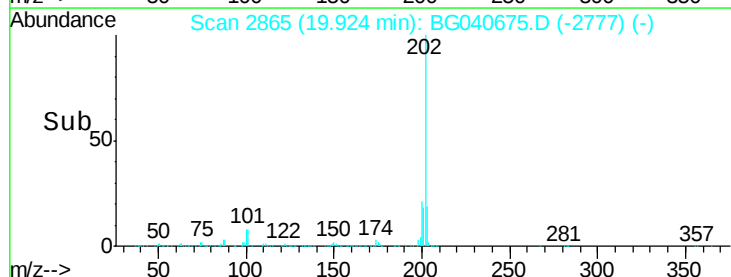
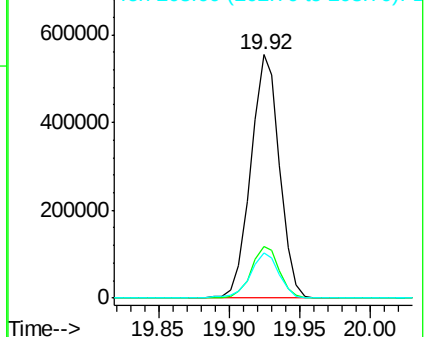
203 18.8 15.0 22.4

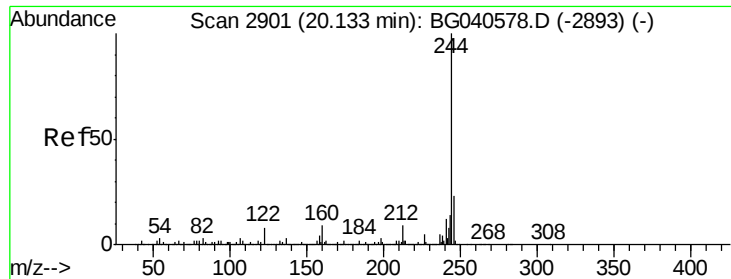


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.385 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

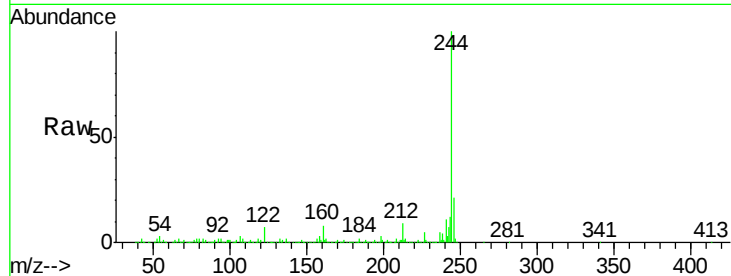
Tot Ion:244 Resp: 1074552

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

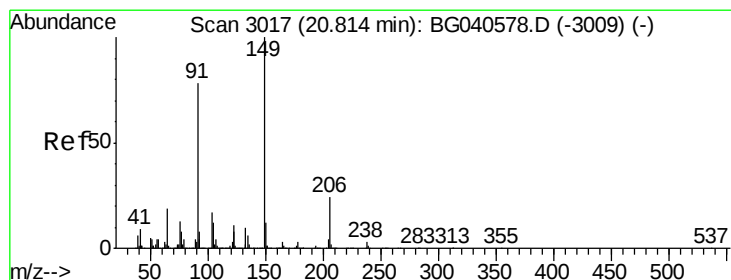
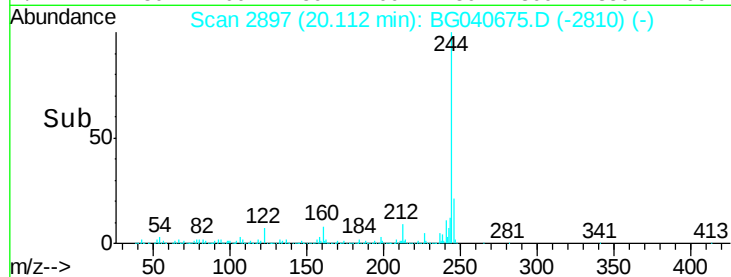
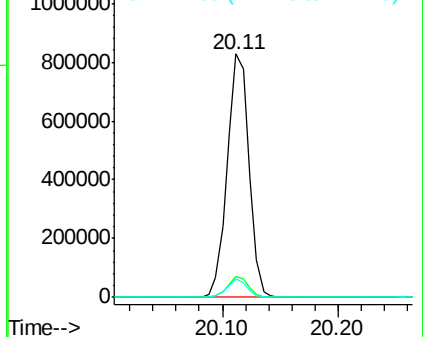
122 7.3 6.6 10.0



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: 41.037 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

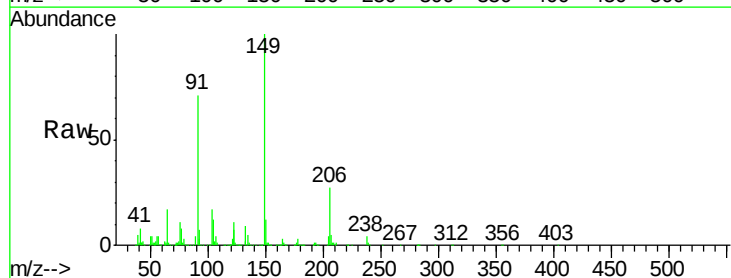
Tgt Ion:149 Resp: 300614

Ion Ratio Lower Upper

149 100

91 71.2 62.6 93.8

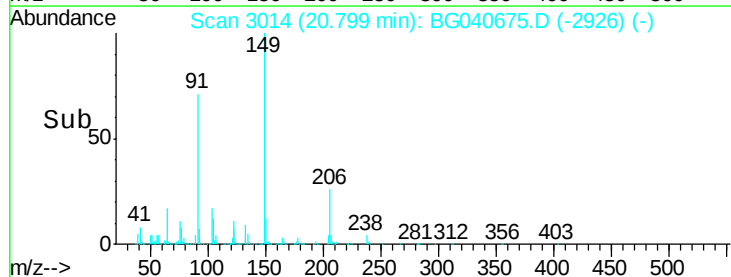
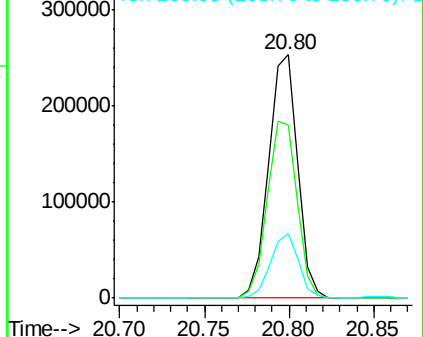
206 26.6 19.4 29.2

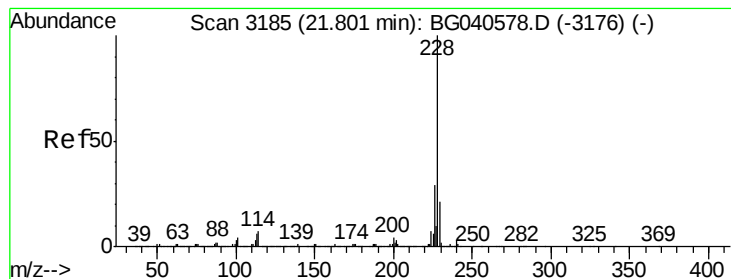


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.041 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BG040675.D

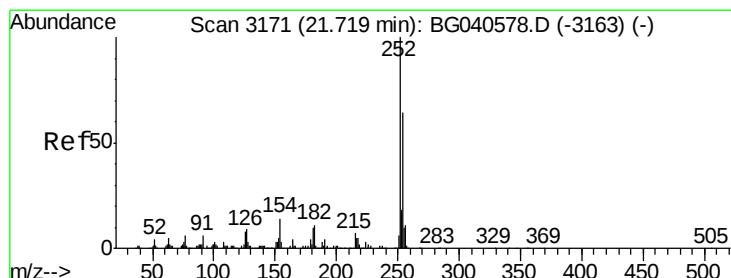
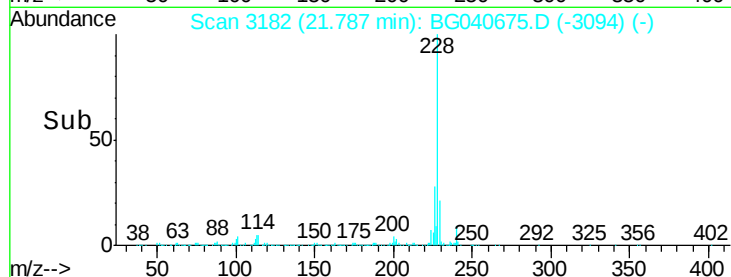
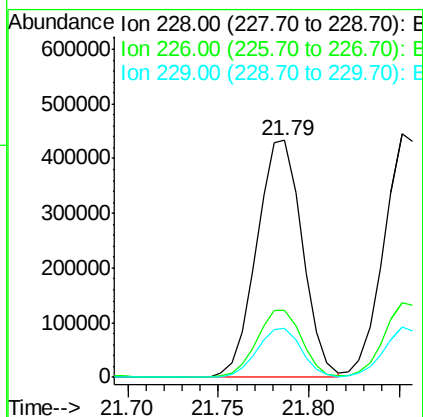
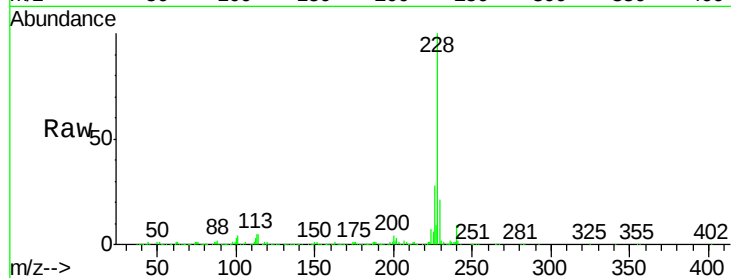
Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampled :

Tot Ion:	228	Resp:	758877
Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.1	34.7
229	20.5	17.0	25.4



#82

3,3'-Dichlorobenzidine

Concen: 27.006 ng

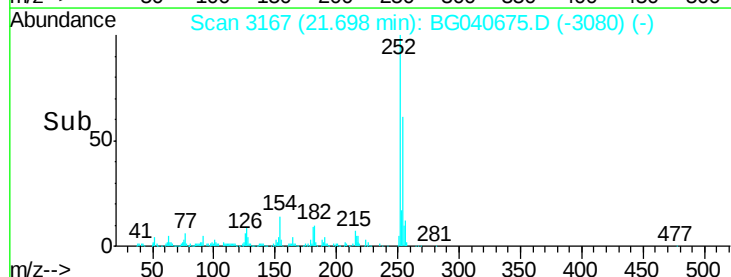
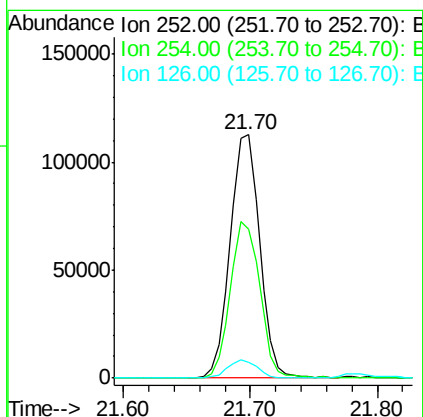
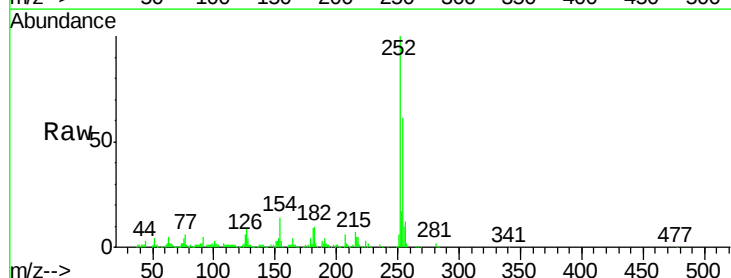
RT: 21.70 min Scan# 3167

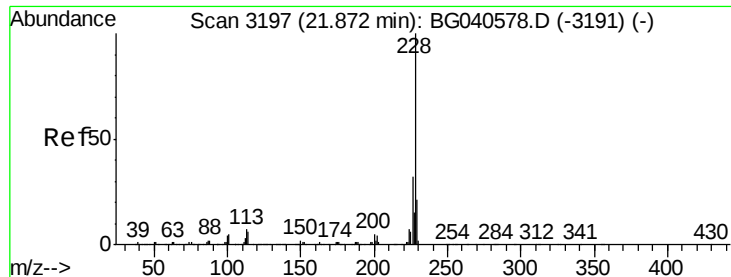
Delta R.T. -0.02 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Tgt Ion:	252	Resp:	182433
Ion	Ratio	Lower	Upper
252	100		
254	61.2	51.2	76.8
126	6.4	6.6	10.0#





#83

Chrysene

Concen: 41.426 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

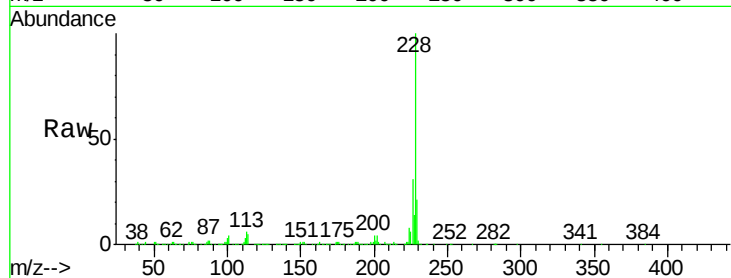
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 746677

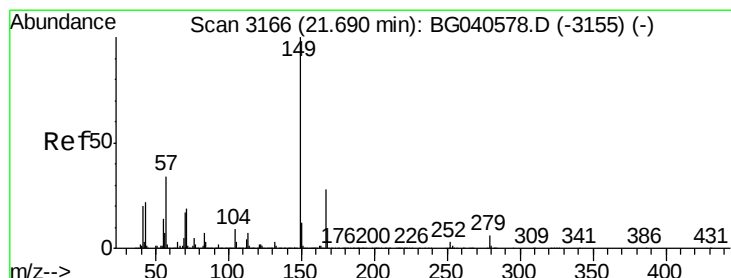
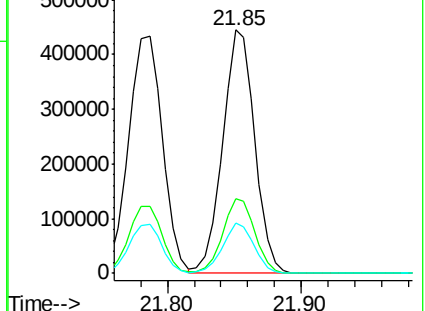
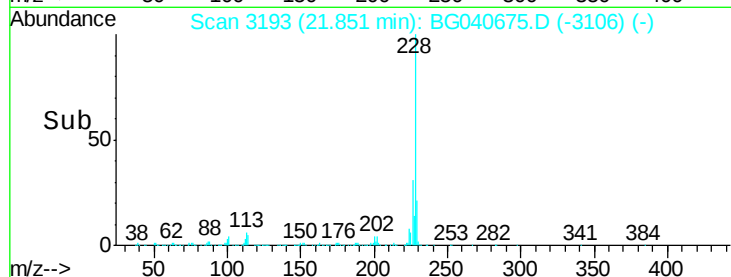
Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.5	38.3
229	20.8	16.8	25.2



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: 38.920 ng

RT: 21.66 min Scan# 3161

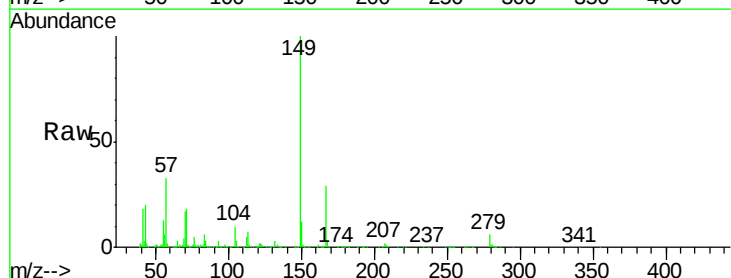
Delta R.T. -0.03 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Tgt Ion:149 Resp: 411551

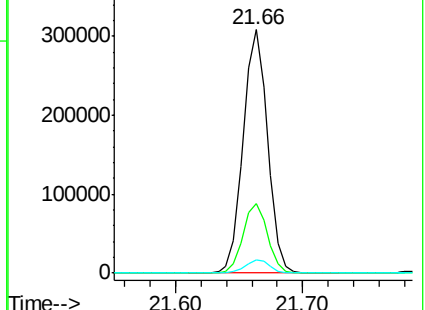
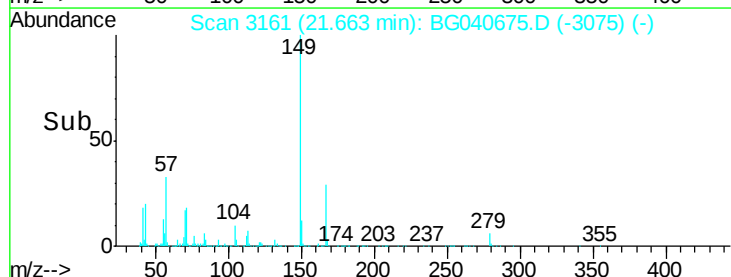
Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.4	33.6
279	5.6	4.6	6.8

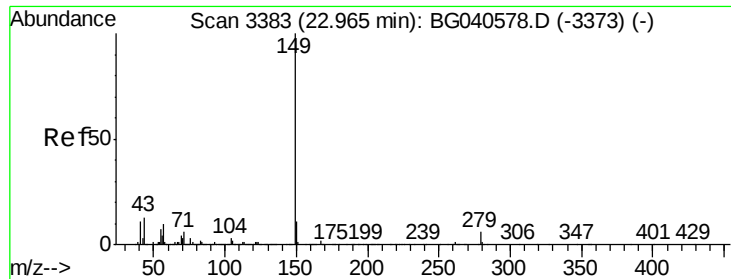


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.494 ng

RT: 22.92 min Scan# 3375

Delta R.T. -0.04 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampled :

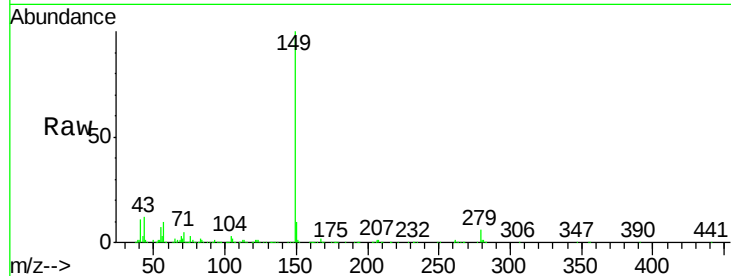
Tot Ion:149 Resp: 703340

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

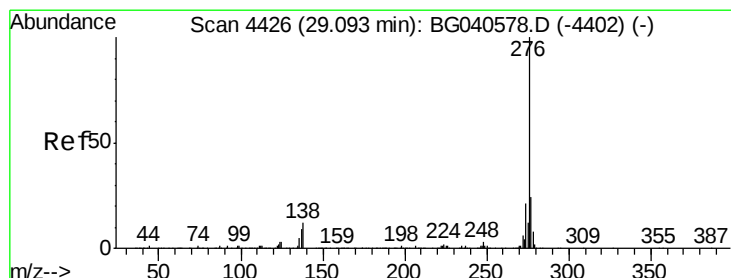
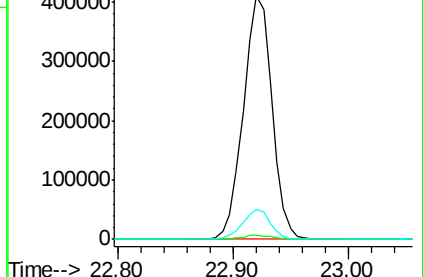
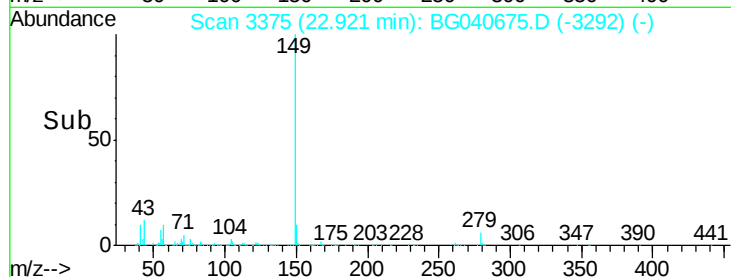
43 11.8 10.2 15.2



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: 39.735 ng

RT: 29.01 min Scan# 4412

Delta R.T. -0.08 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

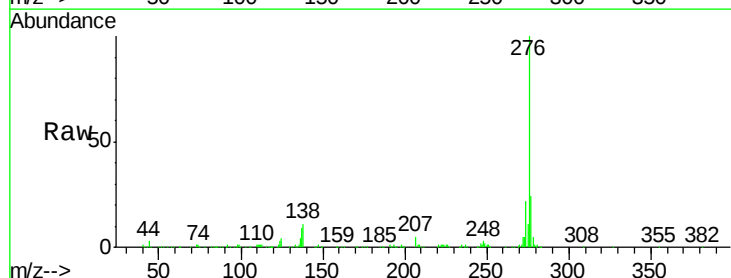
Tgt Ion:276 Resp: 865926

Ion Ratio Lower Upper

276 100

138 9.6 9.8 14.6#

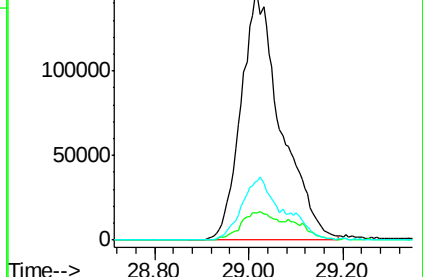
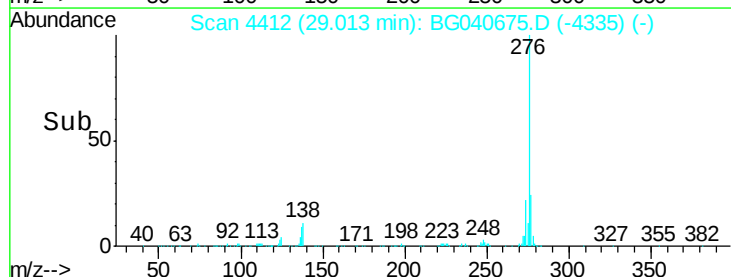
277 21.2 17.3 25.9

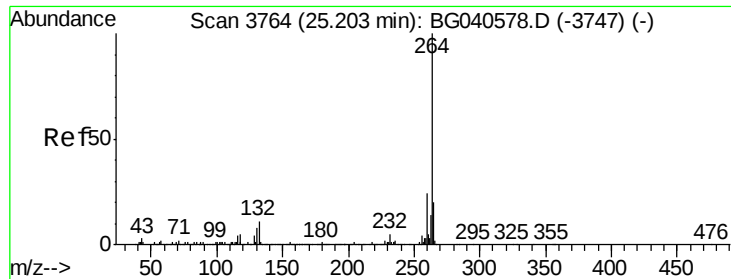


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

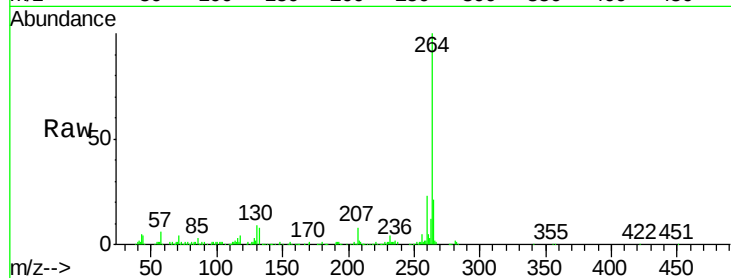




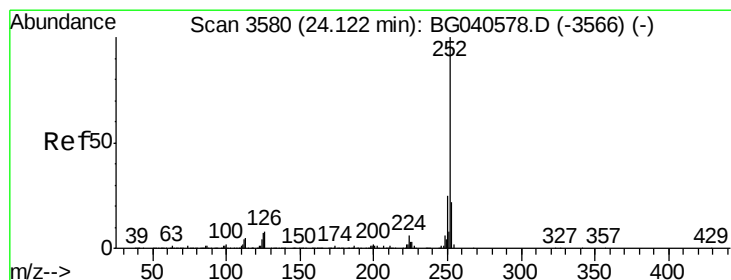
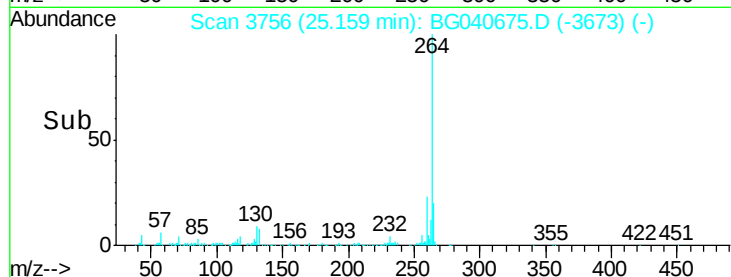
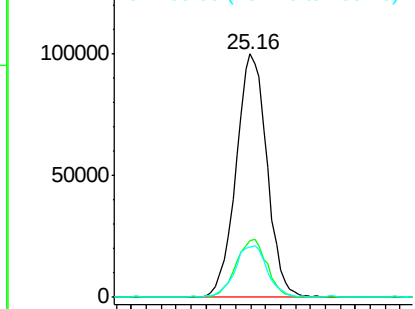
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. -0.04 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.5	16.6	25.0

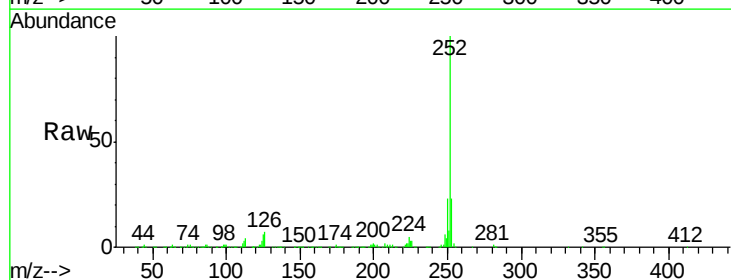


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

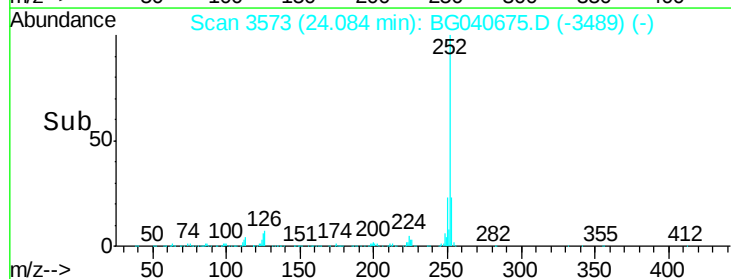
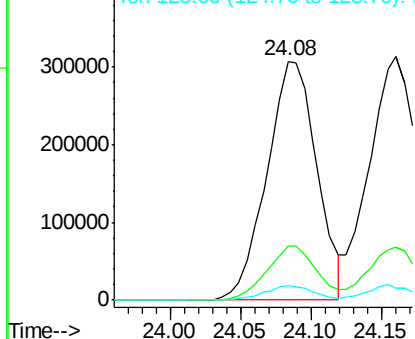


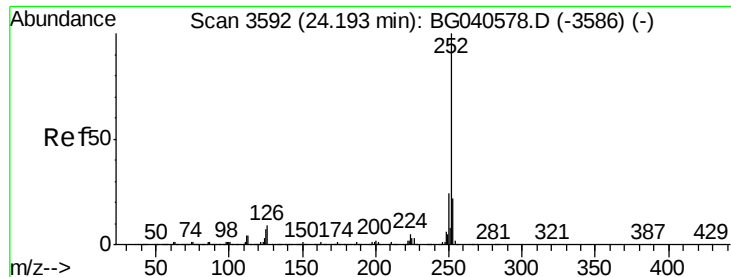
#88
Benzo(b)fluoranthene
Concen: 43.248 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	5.8	5.4	8.0



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

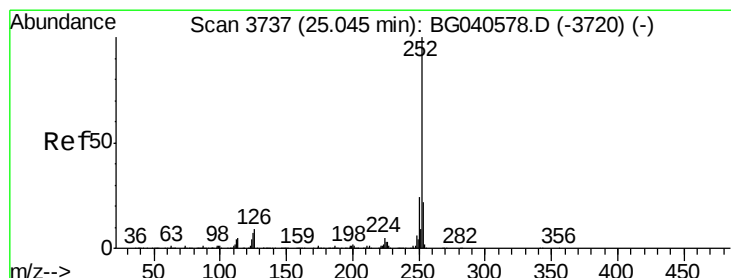
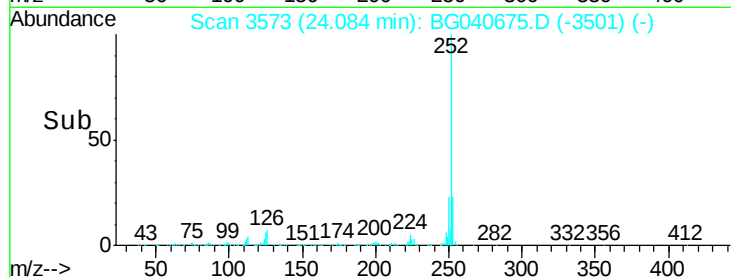
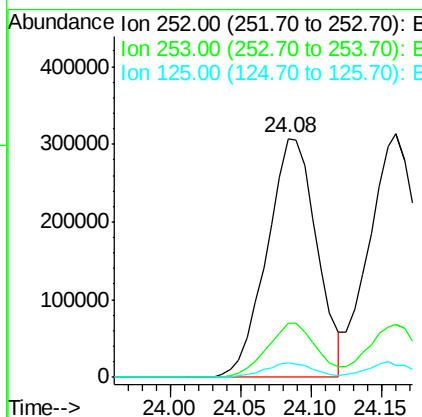
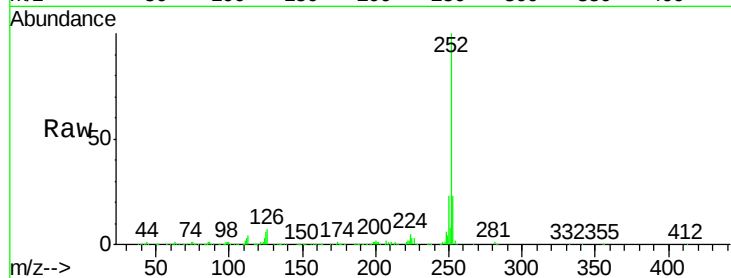




#89
Benzo(k)fluoranthene
Concen: 46.309 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.11 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

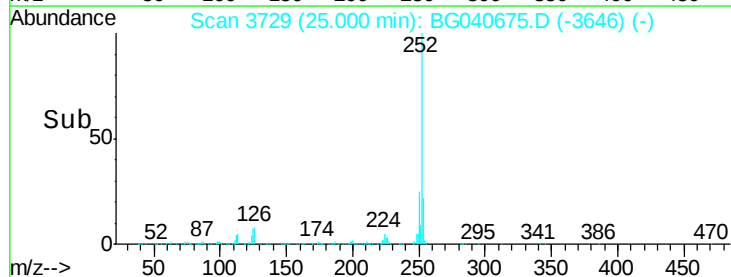
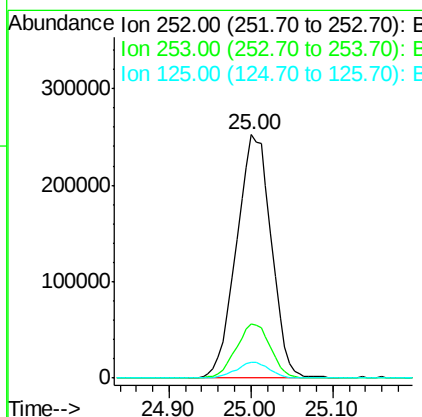
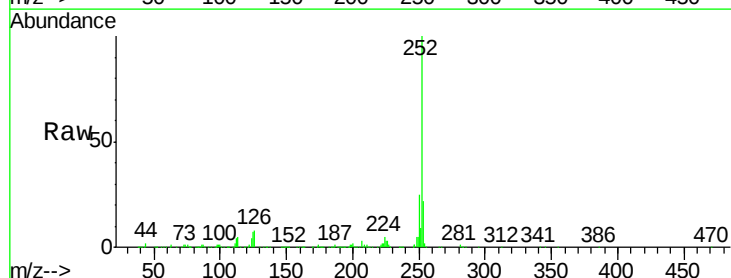
Instrument :
BNA_G
ClientSampleId :

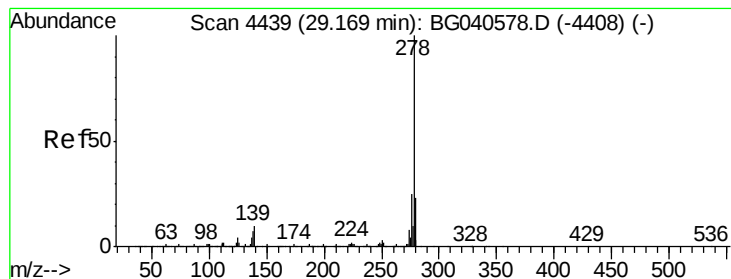
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	5.8	5.5	8.3



#90
Benzo(a)pyrene
Concen: 45.096 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.04 min
Lab File: BG040675.D
Acq: 30 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	6.7	5.7	8.5





#91

Dibenzo(a,h)anthracene

Concen: 42.960 ng

RT: 29.10 min Scan# 4426

Delta R.T. -0.07 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

Instrument :

BNA_G

ClientSampleId :

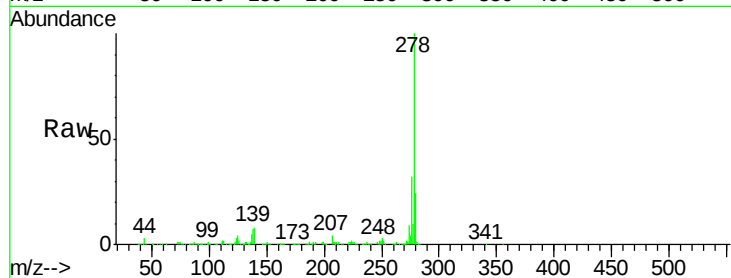
Tot Ion:278 Resp: 720067

Ion Ratio Lower Upper

278 100

139 8.4 8.2 12.4

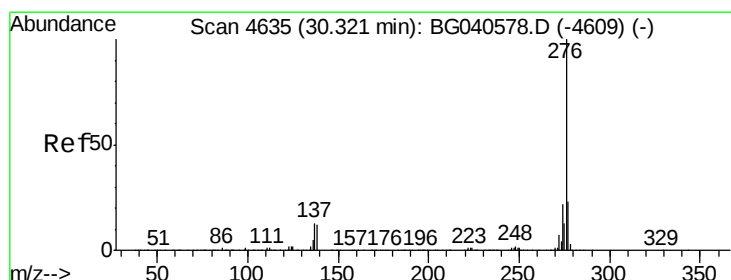
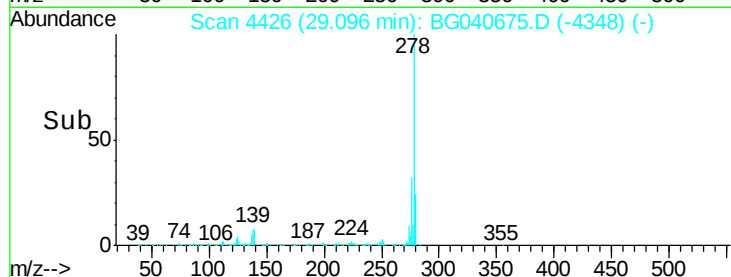
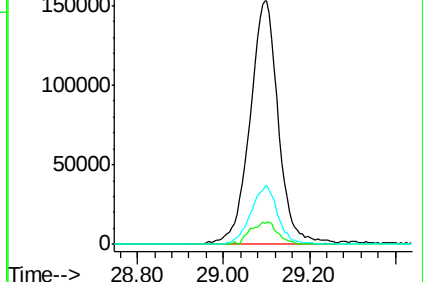
279 24.1 18.5 27.7



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



#92

Benzo(g,h,i)perylene

Concen: 42.594 ng

RT: 30.24 min Scan# 4621

Delta R.T. -0.08 min

Lab File: BG040675.D

Acq: 30 Apr 2019 17:10

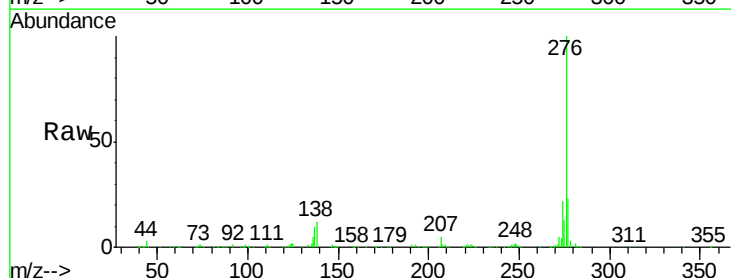
Tgt Ion:276 Resp: 710521

Ion Ratio Lower Upper

276 100

277 23.2 18.4 27.6

138 11.5 9.8 14.6



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

