

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG043019\
 Data File : BG040674.D
 Acq On : 30 Apr 2019 16:32
 Operator : JU/SJ
 Sample : PB119233BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 30 22:43:27 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	31151	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	125350	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	89844	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	244474	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	267782	20.00	ng	-0.02
87) Perylene-d12	25.17	264	263457	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	252945	143.14	ng	0.00
7) Phenol-d6	7.28	99	360938	132.65	ng	-0.01
23) Nitrobenzene-d5	9.32	82	220201	81.17	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	177182	143.48	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	468821	75.36	ng	-0.01
79) Terphenyl-d14	20.12	244	982516	81.29	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	47682	59.330	ng	98
3) Pyridine	3.95	79	87311	37.481	ng	96
4) n-Nitrosodimethylamine	3.87	42	48885	37.834	ng	# 90
6) Aniline	7.47	93	99111	27.481	ng	96
8) 2-Chlorophenol	7.71	128	90743	42.054	ng	94
9) Benzaldehyde	7.28	77	111887	108.308	ng	97
10) Phenol	7.31	94	128316	43.871	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	83790	38.203	ng	97
12) 1,3-Dichlorobenzene	8.04	146	90697	38.509	ng	92
13) 1,4-Dichlorobenzene	8.18	146	92619	38.793	ng	94
14) 1,2-Dichlorobenzene	8.51	146	88664	38.508	ng	99
15) Benzyl Alcohol	8.38	79	108486	38.319	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	157712	36.117	ng	98
17) 2-Methylphenol	8.58	107	88206	42.614	ng	96
18) Hexachloroethane	9.23	117	35960	36.717	ng	88
19) n-Nitroso-di-n-propylamine	8.95	70	85445	34.885	ng	95
20) 3+4-Methylphenols	8.90	107	120682	41.852	ng	95
22) Acetophenone	8.98	105	149571	42.910	ng	# 95
24) Nitrobenzene	9.37	77	127558	44.070	ng	98
25) Isophorone	9.89	82	239272	39.596	ng	97
26) 2-Nitrophenol	10.08	139	48821	47.055	ng	97
27) 2,4-Dimethylphenol	10.12	122	100979	51.872	ng	95
28) bis(2-Chloroethoxy)methane	10.37	93	122177	40.298	ng	100
29) 2,4-Dichlorophenol	10.61	162	105277	47.569	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	107530	43.814	ng	99
31) Naphthalene	11.03	128	279422	41.959	ng	99
32) Benzoic acid	10.22	122	61117	45.861	ng	# 81
33) 4-Chloroaniline	11.13	127	72019	24.391	ng	98
34) Hexachlorobutadiene	11.29	225	75497	41.668	ng	96
35) Caprolactam	11.90	113	35251	40.344	ng	96
36) 4-Chloro-3-methylphenol	12.22	107	123567	44.259	ng	95
37) 2-Methylnaphthalene	12.62	142	211459	42.469	ng	94
38) 1-Methylnaphthalene	12.62	142	211459	43.449	ng	91
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	144654	43.220	ng	98

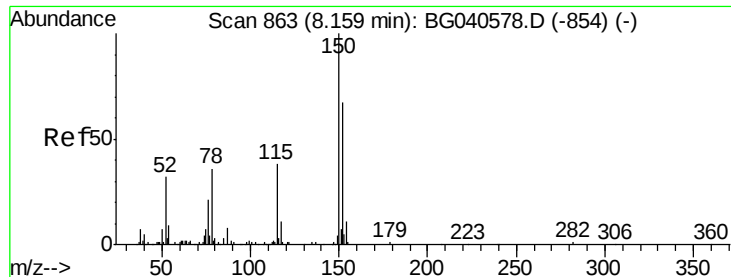
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG043019\
 Data File : BG040674.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	179365	90.820	nq	95
43) 2,4,6-Trichlorophenol	13.21	196	95636	47.285	nq	91
44) 2,4,5-Trichlorophenol	13.28	196	104934	47.626	nq	98
46) 1,1'-Biphenyl	13.61	154	286438	41.063	nq	95
47) 2-Chloronaphthalene	13.66	162	230361	42.198	nq	96
48) 2-Nitroaniline	13.86	65	97573	50.212	nq	96
49) Acenaphthylene	14.50	152	384074	41.468	nq	96
50) Dimethylphthalate	14.22	163	329476	43.830	nq	99
51) 2,6-Dinitrotoluene	14.35	165	71121	48.477	nq	93
52) Acenaphthene	14.84	154	222316	41.217	nq	95
53) 3-Nitroaniline	14.69	138	48948	32.562	nq	# 84
54) 2,4-Dinitrophenol	14.89	184	77537	92.506	nq	88
55) Dibenzofuran	15.17	168	379491	42.955	nq	98
56) 4-Nitrophenol	14.97	139	121458	93.182	nq	98
57) 2,4-Dinitrotoluene	15.13	165	102089	51.210	nq	96
58) Fluorene	15.82	166	304355	42.623	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	105669	47.649	nq	92
60) Diethylphthalate	15.58	149	346195	43.650	nq	98
61) 4-Chlorophenyl-phenylether	15.81	204	185405	44.643	nq	99
62) 4-Nitroaniline	15.84	138	79041	47.006	nq	89
63) Azobenzene	16.10	77	346664	42.442	nq	100
65) 4,6-Dinitro-2-methylphenol	15.89	198	53997	45.296	nq	94
66) n-Nitrosodiphenylamine	16.03	169	288100	40.055	nq	96
67) 4-Bromophenyl-phenylether	16.71	248	117219	38.485	nq	98
68) Hexachlorobenzene	16.81	284	123624	39.253	nq	99
69) Atrazine	16.96	200	121504	42.637	nq	96
70) Pentachlorophenol	17.16	266	163253	88.584	nq	95
71) Phenanthrene	17.57	178	552646	41.969	nq	100
72) Anthracene	17.65	178	558161	42.170	nq	99
73) Carbazole	17.92	167	502461	41.667	nq	99
74) Di-n-butylphthalate	18.46	149	602185	41.373	nq	99
75) Fluoranthene	19.56	202	731486	44.577	nq	98
77) Benzidine	19.75	184	258626	35.274	nq	99
78) Pyrene	19.93	202	736063	43.857	nq	99
80) Butylbenzylphthalate	20.80	149	270393	41.336	nq	99
81) Benzo(a)anthracene	21.78	228	693289	40.965	nq	98
82) 3,3'-Dichlorobenzidine	21.70	252	165171	27.382	nq	99
83) Chrysene	21.85	228	681223	42.324	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	376875	39.912	nq	99
85) Di-n-octyl phthalate	22.92	149	641357	40.331	nq	98
86) Indeno(1,2,3-cd)pyrene	29.03	276	787392	40.462	nq	# 88
88) Benzo(b)fluoranthene	24.09	252	689153	42.806	nq	98
89) Benzo(k)fluoranthene	24.16	252	678456	45.124	nq	100
90) Benzo(a)pyrene	25.00	252	674082	44.233	nq	99
91) Dibenzo(a,h)anthracene	29.10	278	643133	41.703	nq	98
92) Benzo(g,h,i)perylene	30.24	276	646995	42.154	nq	100

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

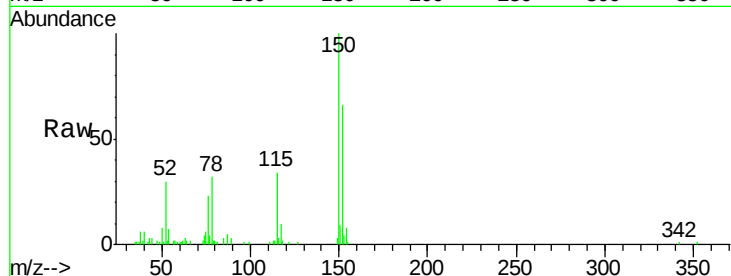


#1

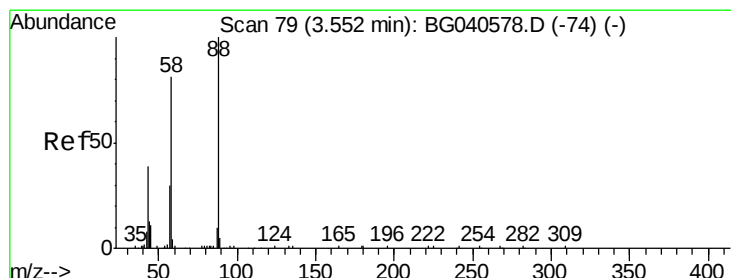
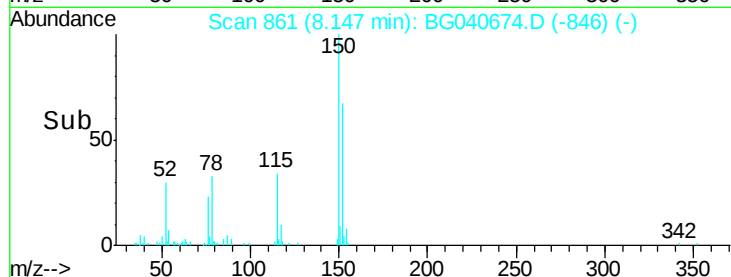
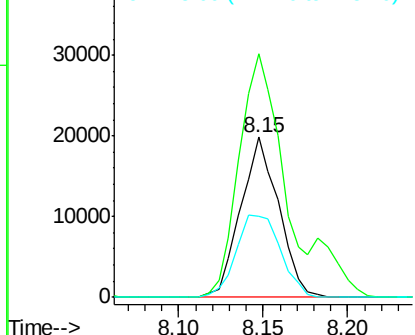
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31151
Ion Ratio Lower Upper
152 100
150 152.3 120.2 180.2
115 51.1 46.2 69.2



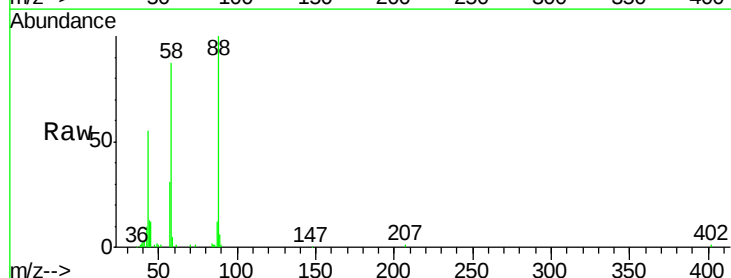
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



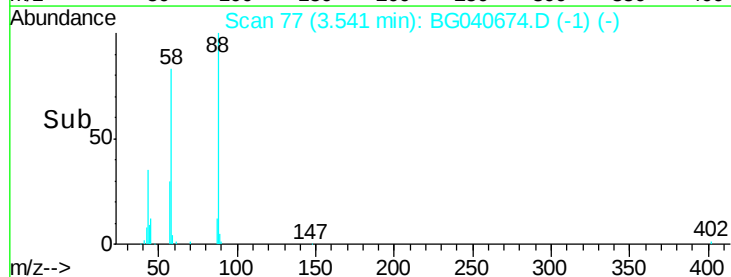
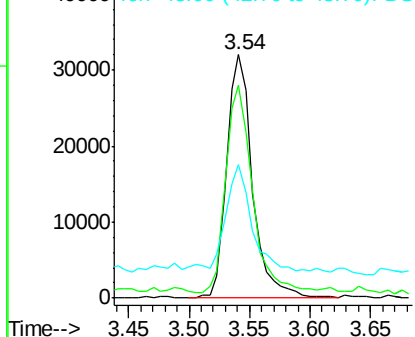
#2

1,4-Dioxane
Concen: 59.330 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Tgt Ion: 88 Resp: 47682
Ion Ratio Lower Upper
88 100
58 88.4 71.2 106.8
43 41.2 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: 37.481 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

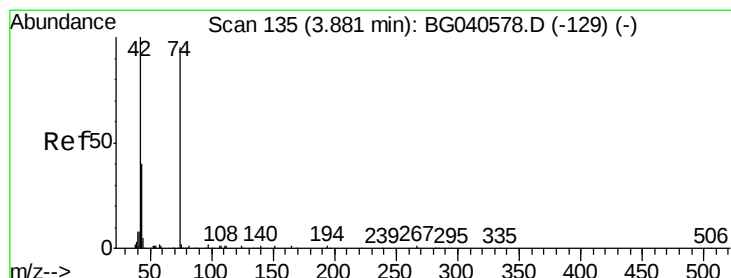
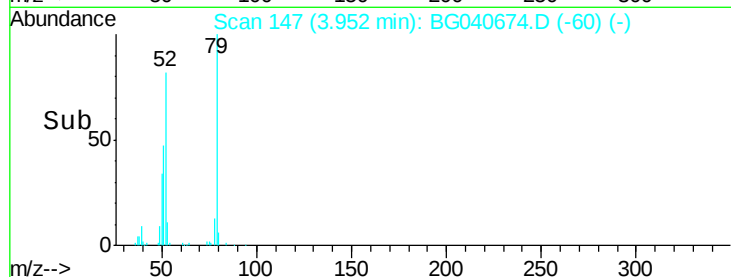
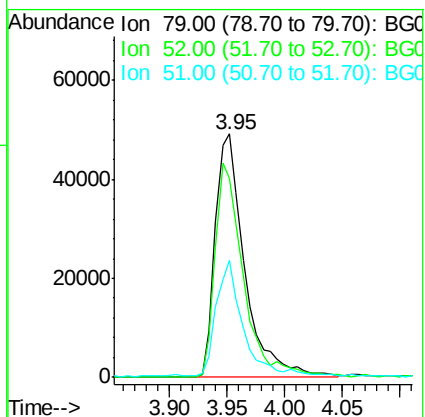
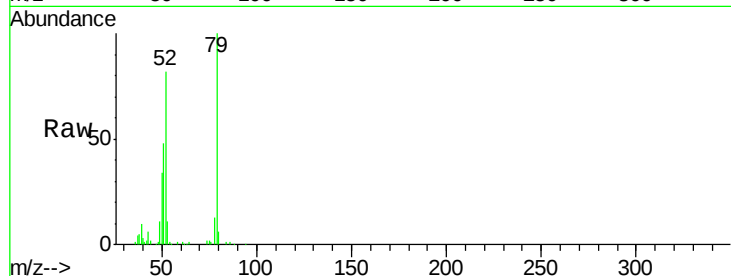
Tot Ion: 79 Resp: 87311

Ion Ratio Lower Upper

79 100

52 81.9 67.5 101.3

51 47.8 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 37.834 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

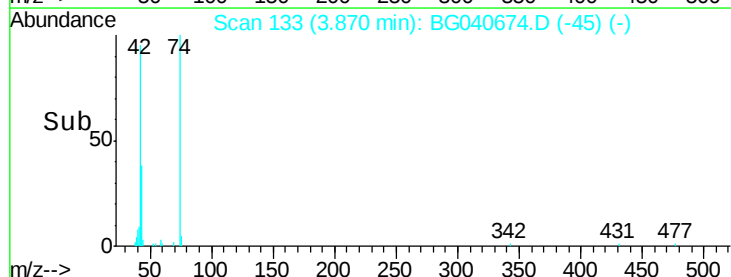
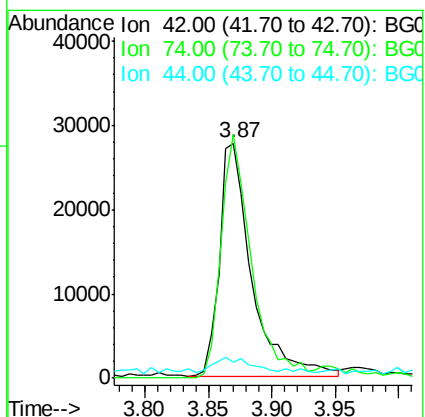
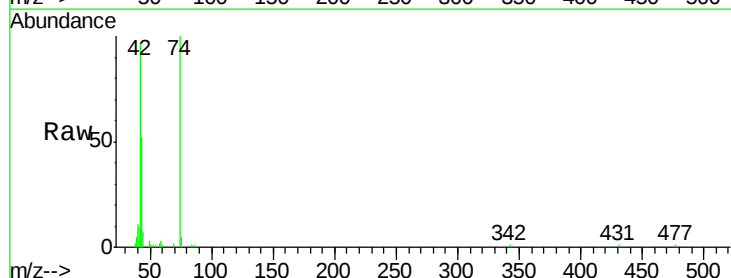
Tgt Ion: 42 Resp: 48885

Ion Ratio Lower Upper

42 100

74 103.6 74.6 111.8

44 7.0 7.4 11.0#





#5

2-Fluorophenol

Concen: 143.136 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampled :

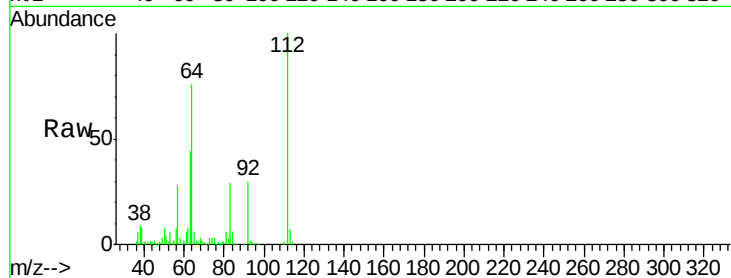
Tot Ion:112 Resp: 252945

Ion Ratio Lower Upper

112 100

64 76.4 61.4 92.0

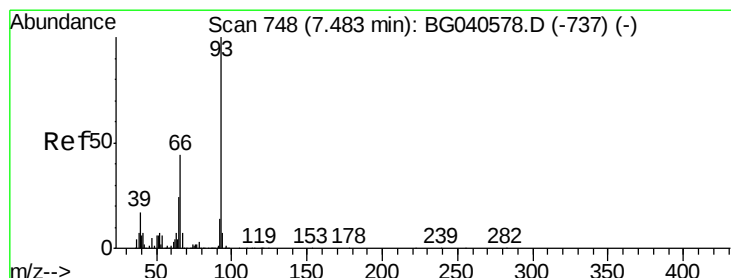
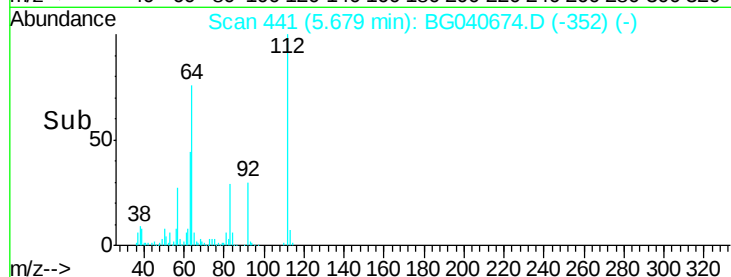
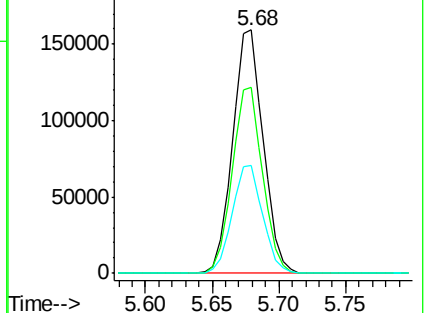
63 44.2 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.481 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

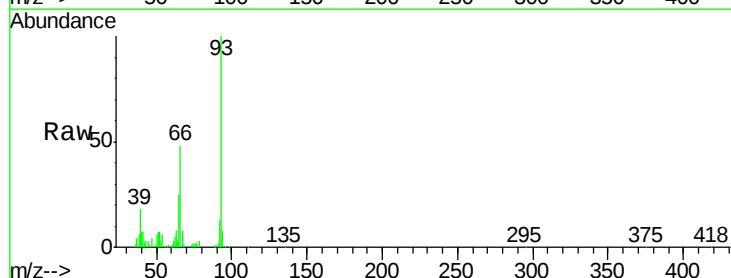
Tgt Ion: 93 Resp: 99111

Ion Ratio Lower Upper

93 100

66 47.7 35.5 53.3

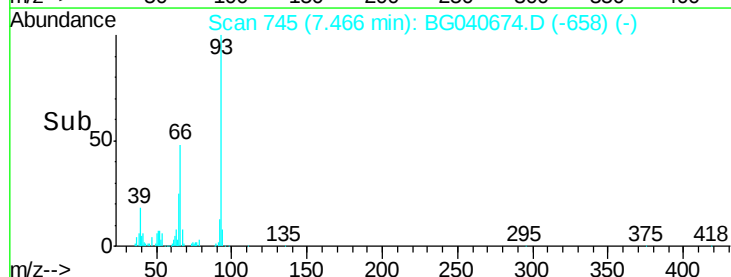
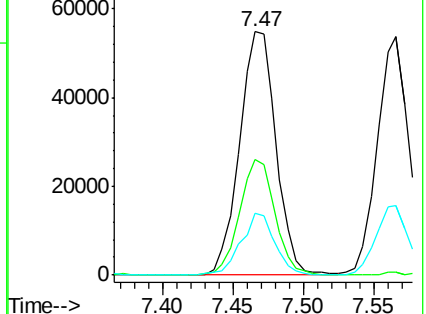
65 25.2 19.2 28.8

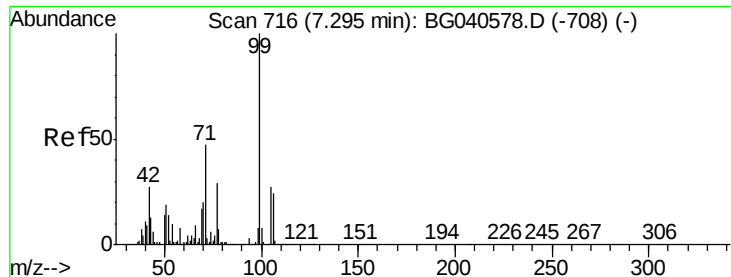


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.652 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

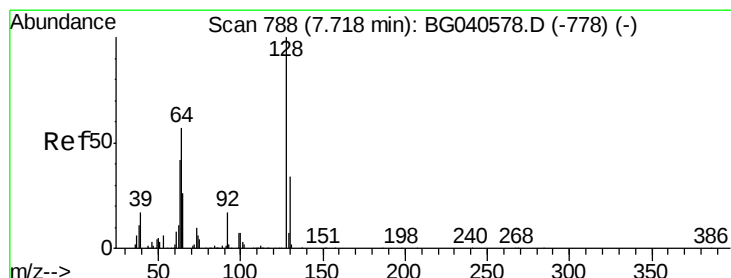
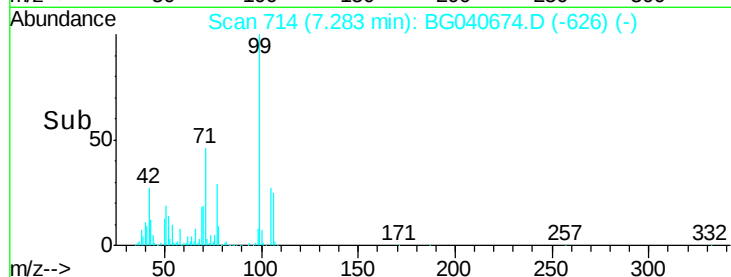
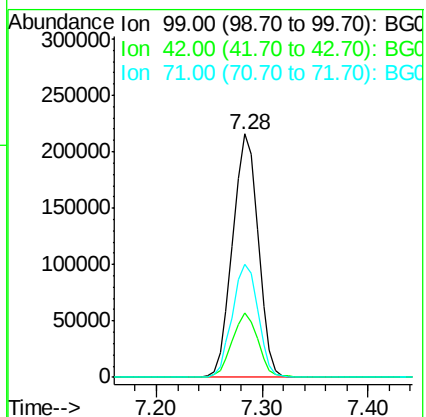
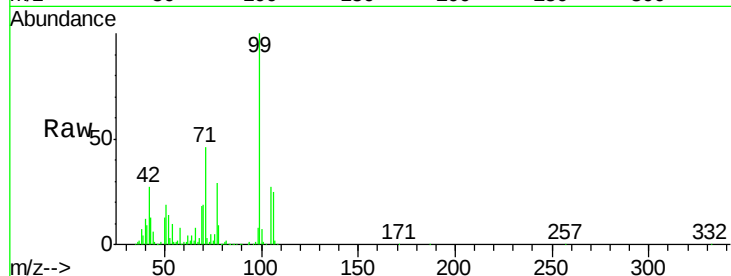
Tot Ion: 99 Resp: 360938

Ion Ratio Lower Upper

99 100

42 26.7 21.8 32.8

71 46.3 38.6 57.8



#8

2-Chlorophenol

Concen: 42.054 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

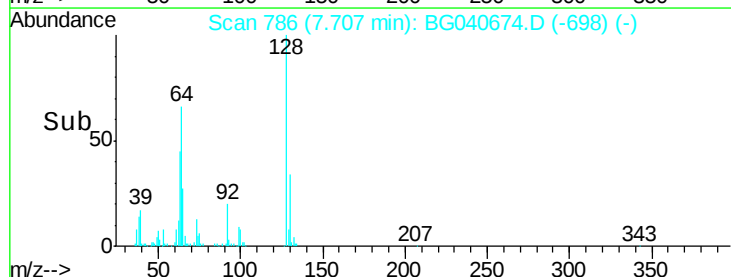
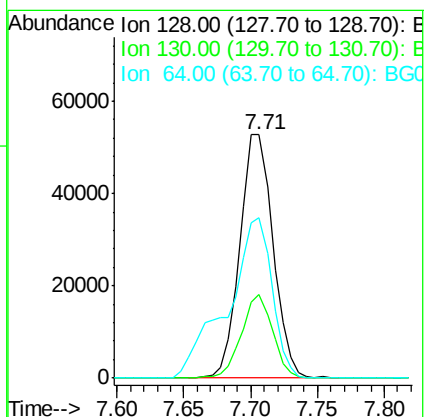
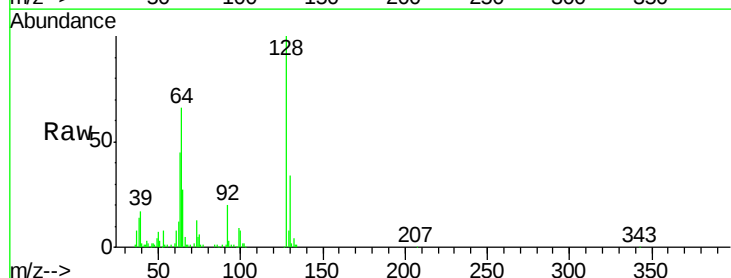
Tgt Ion: 128 Resp: 90743

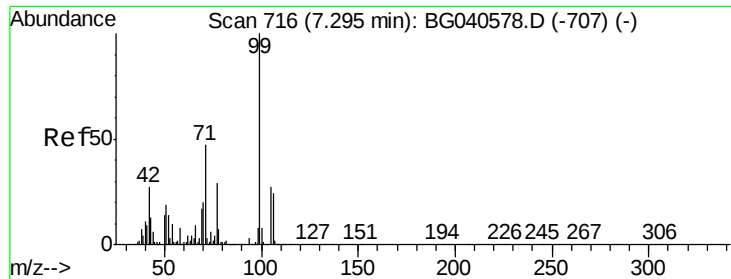
Ion Ratio Lower Upper

128 100

130 34.4 14.5 54.5

64 65.8 38.4 78.4





#9

Benzaldehyde

Concen: 108.308 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

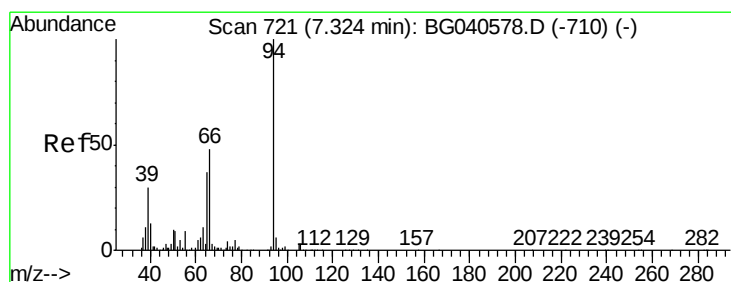
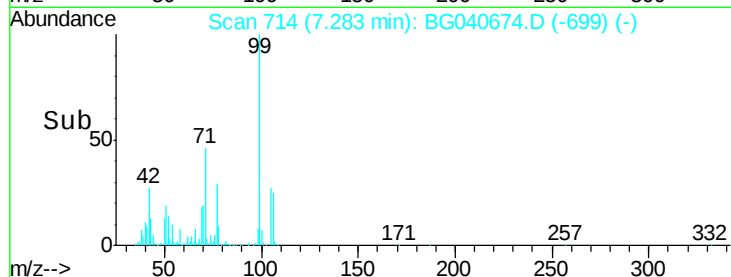
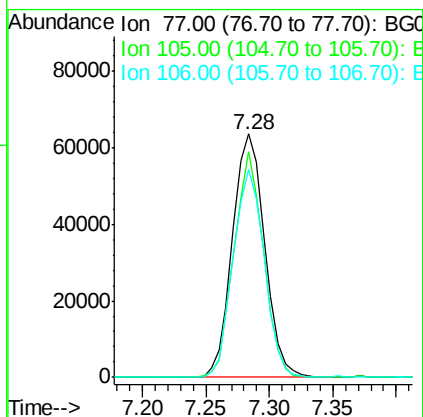
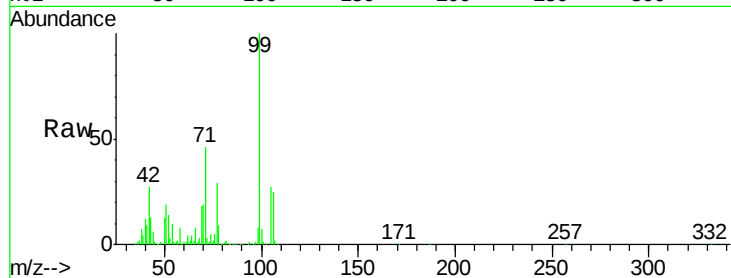
Tot Ion: 77 Resp: 111887

Ion Ratio Lower Upper

77 100

105 92.6 72.0 112.0

106 85.5 61.2 101.2



#10

Phenol

Concen: 43.871 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

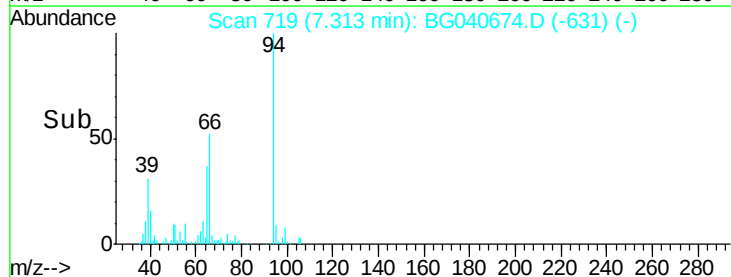
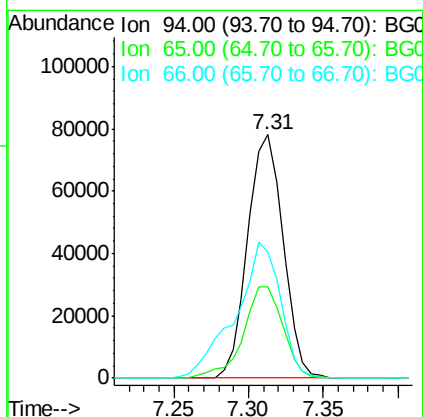
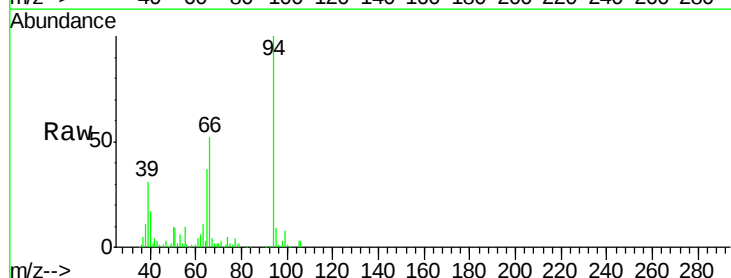
Tgt Ion: 94 Resp: 128316

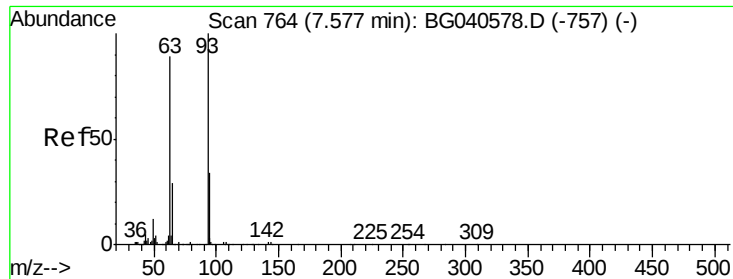
Ion Ratio Lower Upper

94 100

65 37.5 17.0 57.0

66 51.6 28.6 68.6



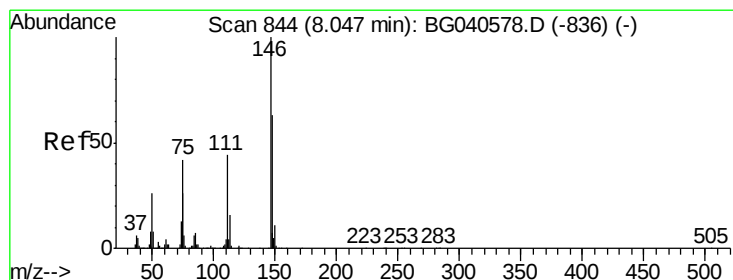
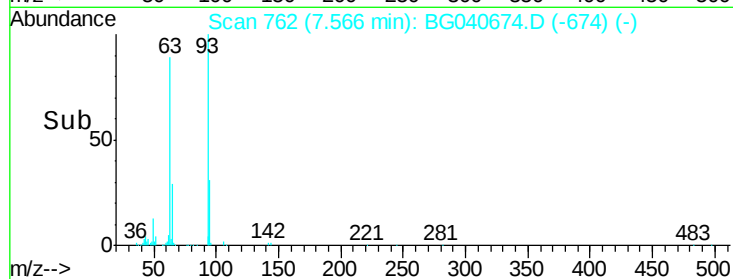
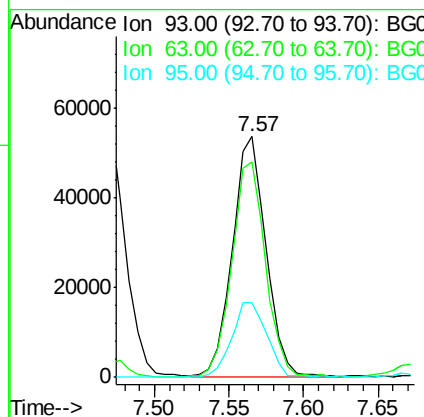
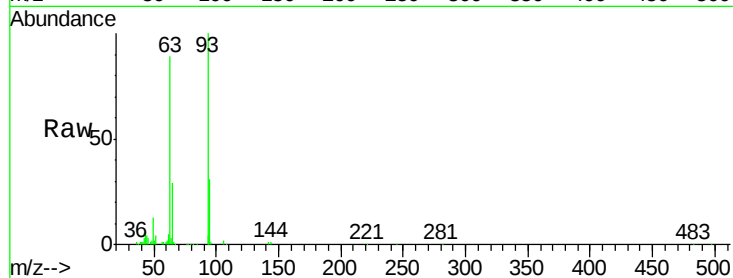


#11
bis(2-Chloroethyl)ether
Concen: 38.203 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 83790

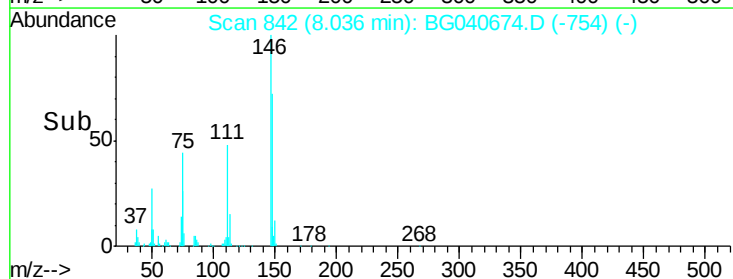
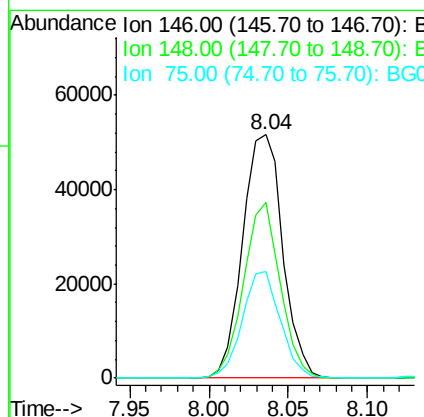
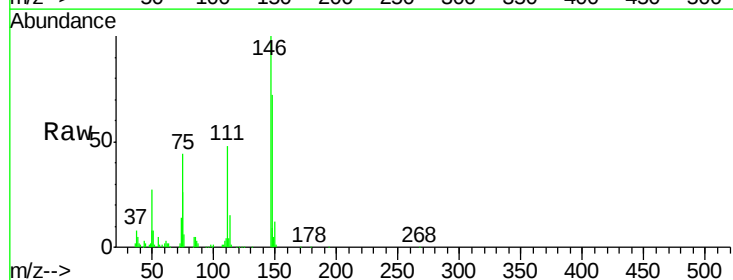
Ion	Ratio	Lower	Upper
93	100		
63	89.5	68.2	108.2
95	30.9	14.3	54.3

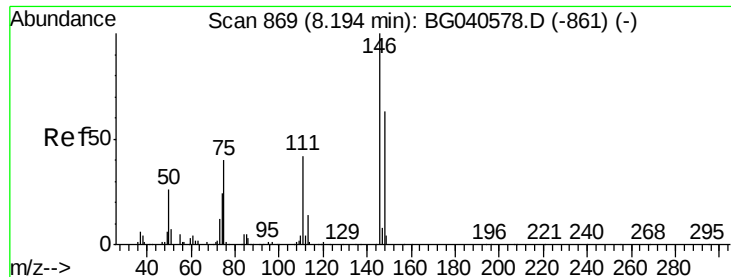


#12
1,3-Dichlorobenzene
Concen: 38.509 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Tgt Ion: 146 Resp: 90697

Ion	Ratio	Lower	Upper
146	100		
148	72.2	50.7	76.1
75	43.6	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 38.793 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

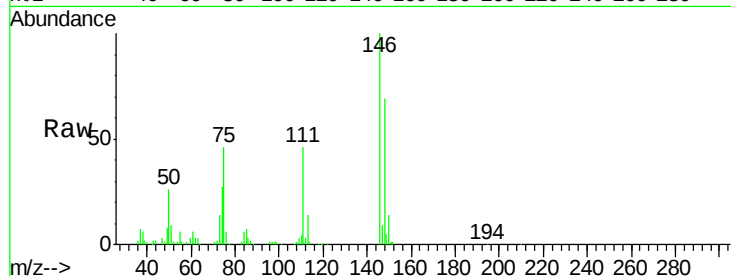
Tot Ion:146 Resp: 92619

Ion Ratio Lower Upper

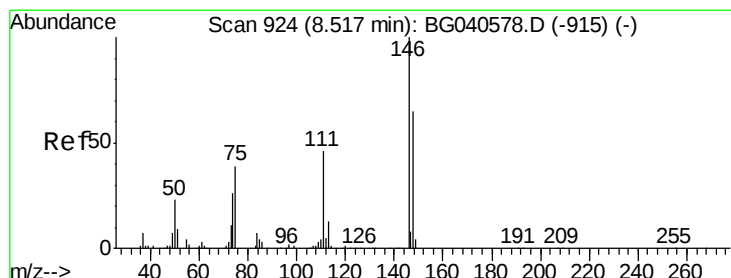
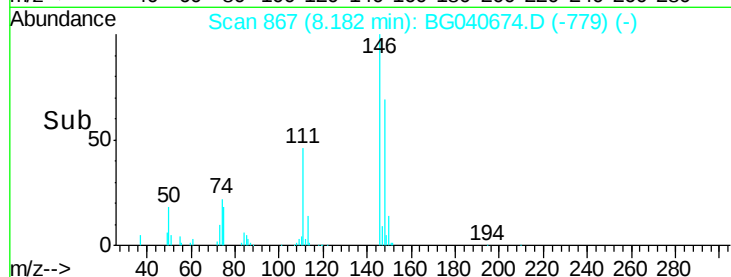
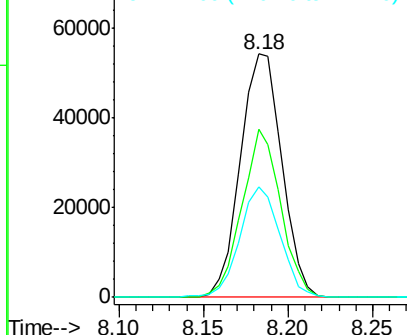
146 100

148 68.9 50.6 75.8

111 45.5 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: 38.508 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

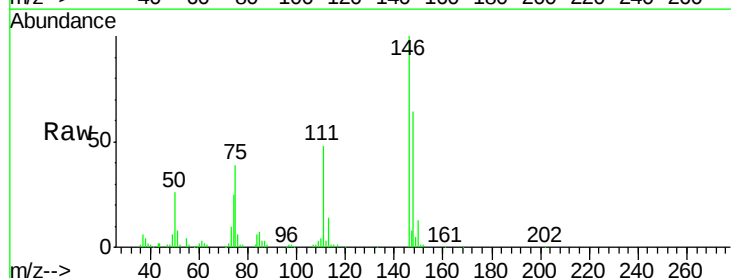
Tgt Ion:146 Resp: 88664

Ion Ratio Lower Upper

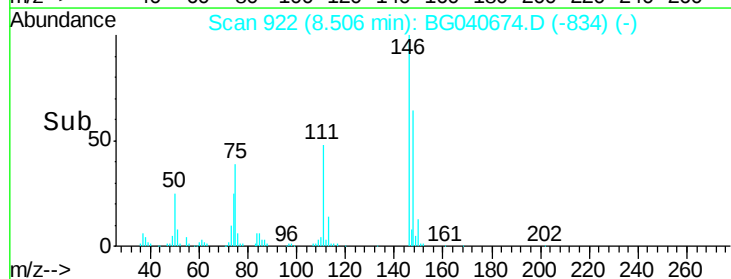
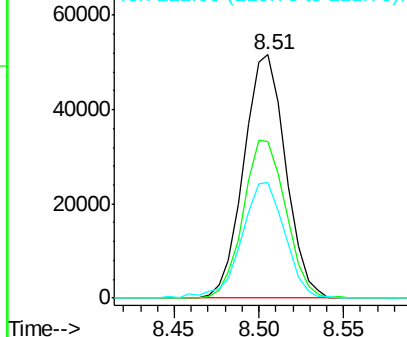
146 100

148 64.1 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: 38.319 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

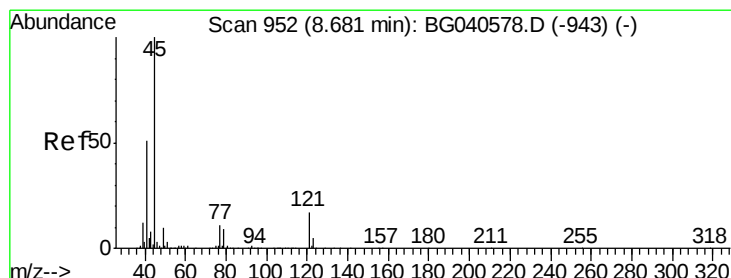
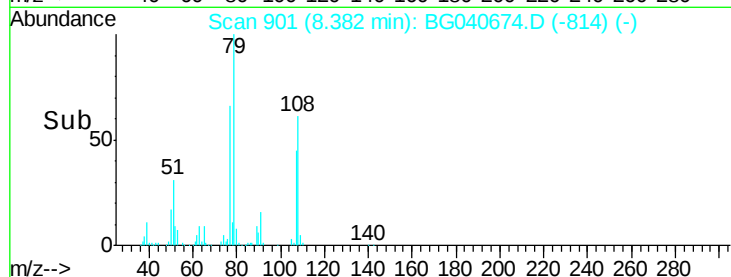
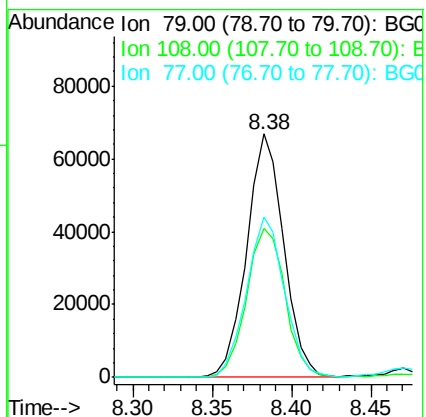
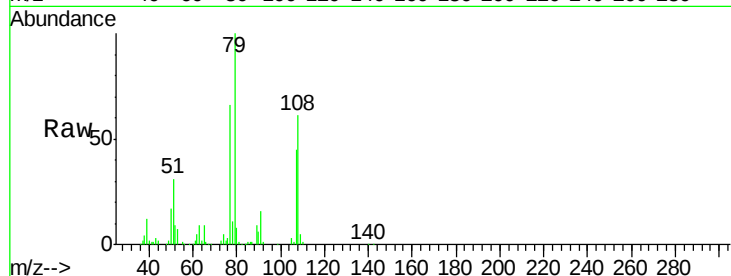
Tot Ion: 79 Resp: 108486

Ion Ratio Lower Upper

79 100

108 61.1 51.4 77.0

77 65.9 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.117 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

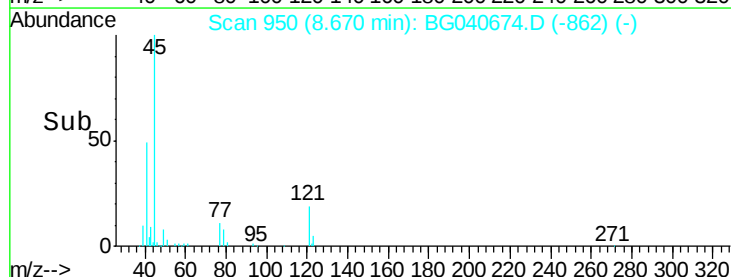
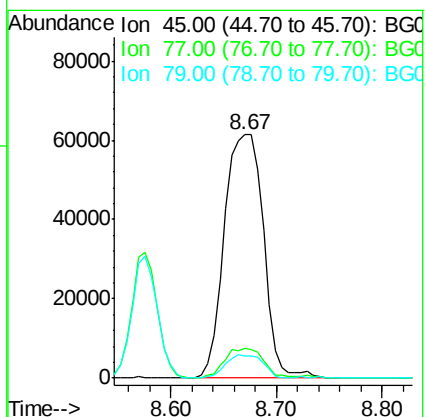
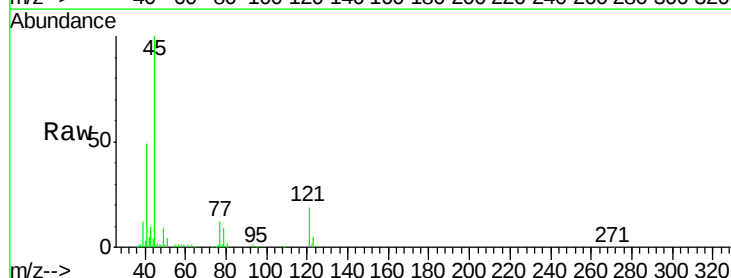
Tgt Ion: 45 Resp: 157712

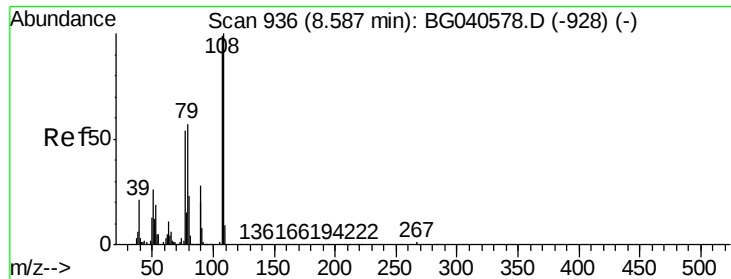
Ion Ratio Lower Upper

45 100

77 12.4 0.0 31.5

79 9.0 0.0 29.4

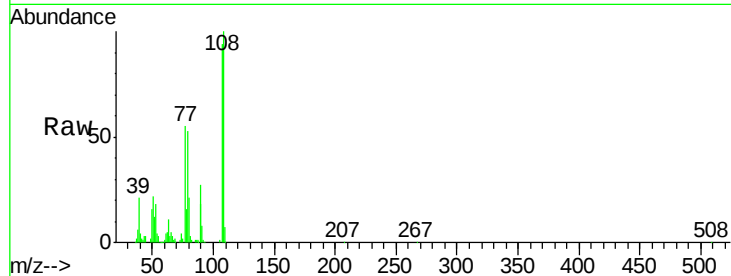




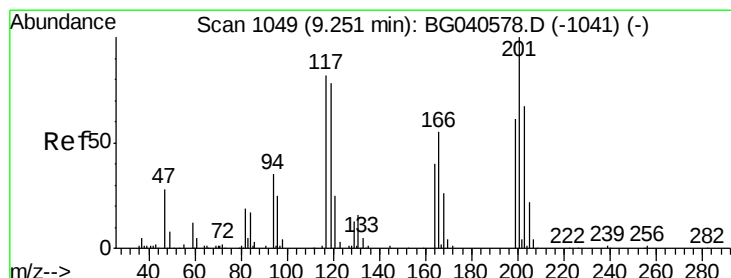
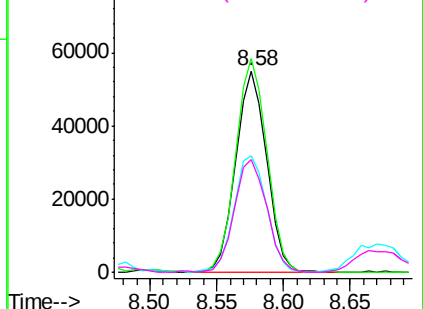
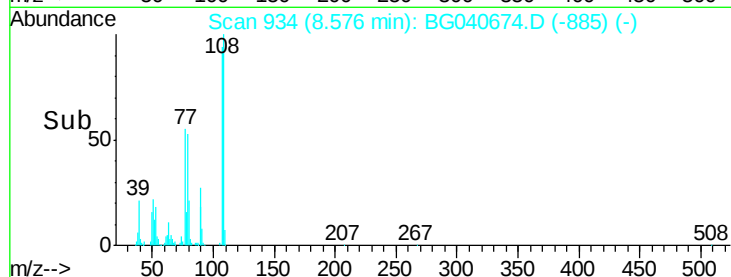
#17
2-Methylphenol
Concen: 42.614 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 88206
Ion Ratio Lower Upper
107 100
108 106.2 81.2 121.8
77 57.9 44.4 66.6
79 55.9 47.0 70.4

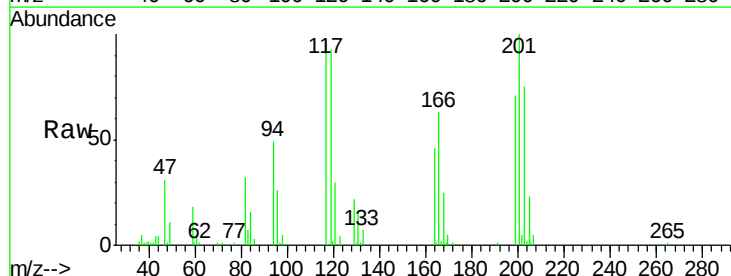


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

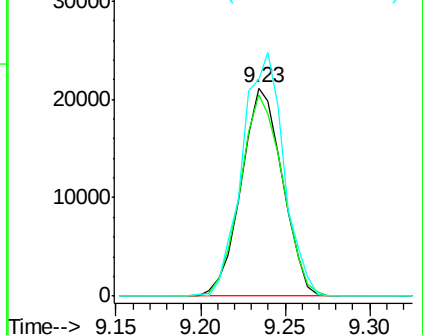
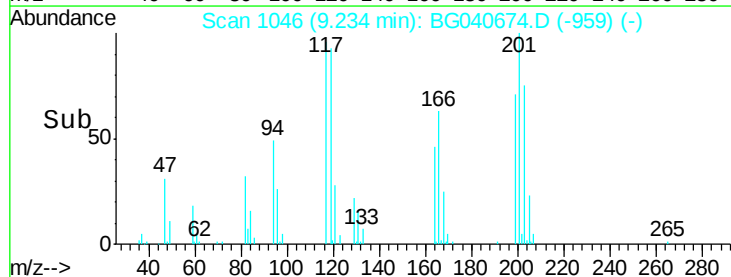


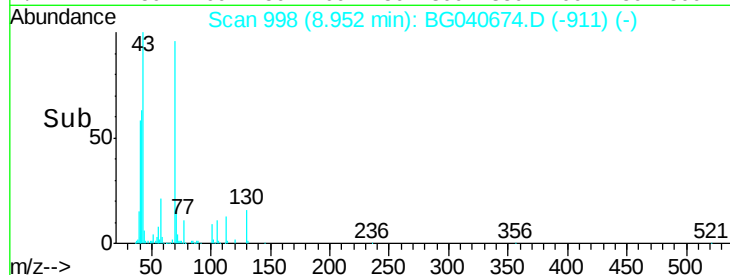
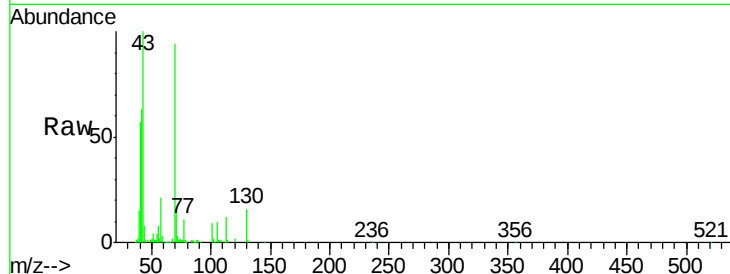
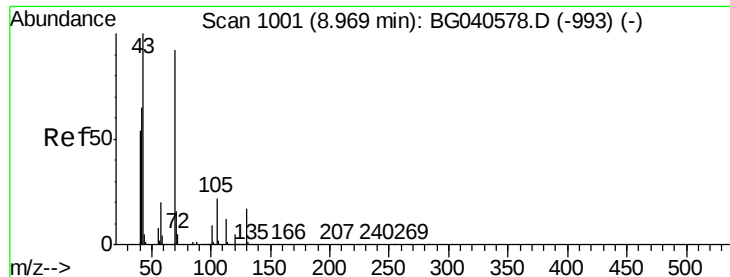
#18
Hexachloroethane
Concen: 36.717 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Tgt Ion:117 Resp: 35960
Ion Ratio Lower Upper
117 100
119 96.9 76.6 114.8
201 104.0 101.0 151.6



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

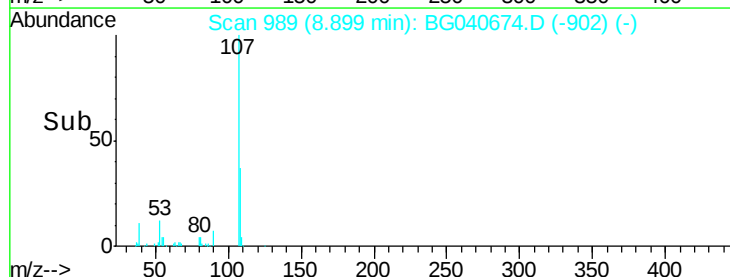
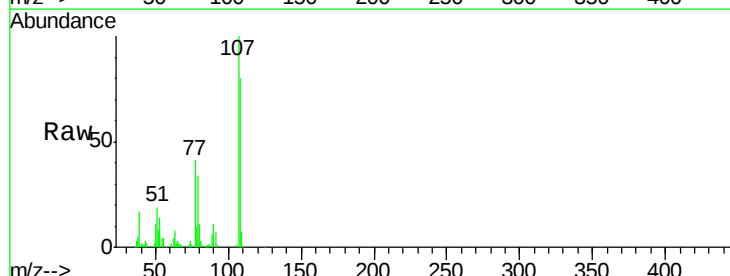
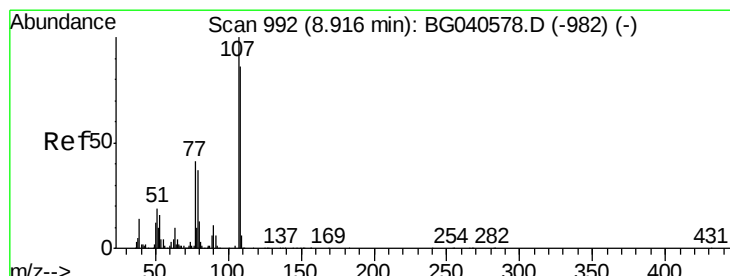
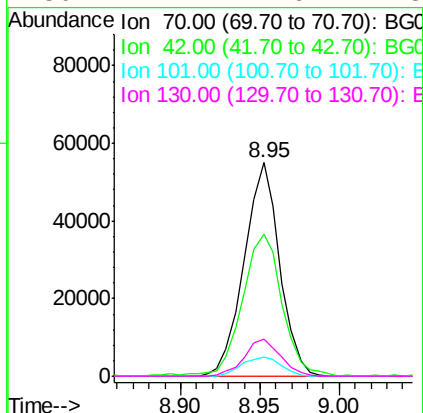




#19
n-Nitroso-di-n-propylamine
Concen: 34.885 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

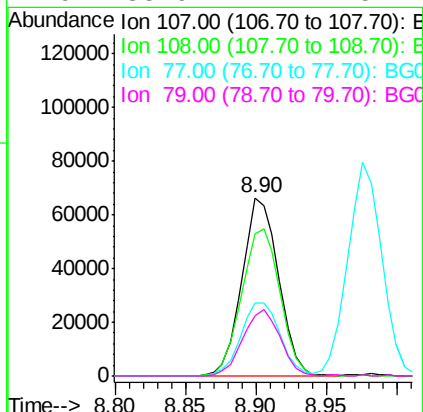
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	85445
Ion	Ratio	Lower	Upper
70	100		
42	66.5	57.1	85.7
101	9.1	7.8	11.8
130	17.2	14.6	21.8



#20
3+4-Methylphenols
Concen: 41.852 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Tgt Ion:	107	Resp:	120682
Ion	Ratio	Lower	Upper
107	100		
108	79.6	66.1	106.1
77	40.8	21.6	61.6
79	33.9	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 125350

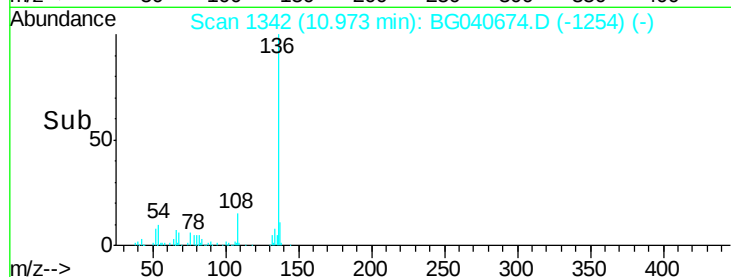
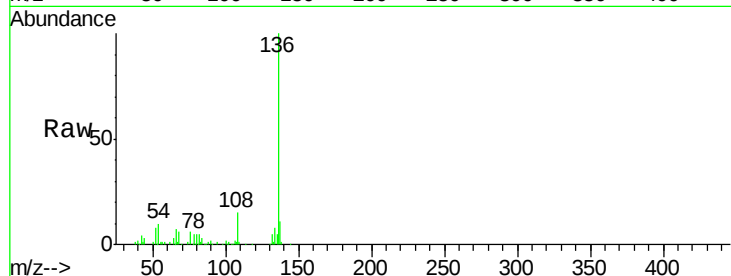
Ion Ratio Lower Upper

136 100

137 11.4 9.7 14.5

54 10.3 8.6 12.8

68 5.9 4.8 7.2



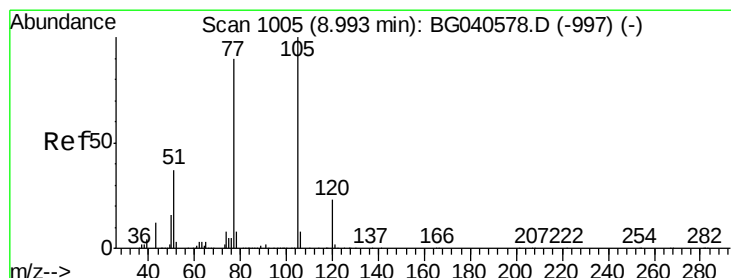
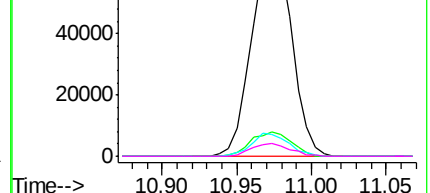
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG

Time-->



#22

Acetophenone

Concen: 42.910 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Tgt Ion:105 Resp: 149571

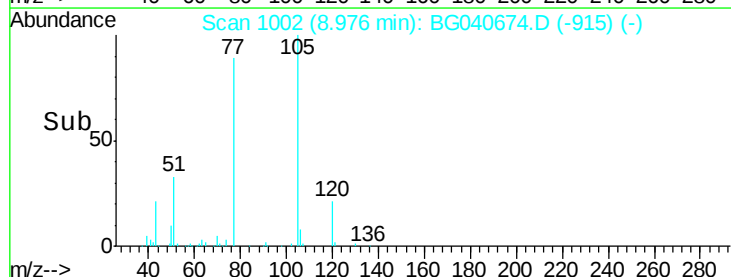
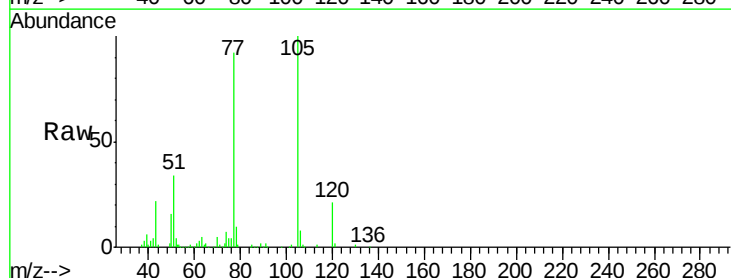
Ion Ratio Lower Upper

105 100

71 1.0 1.8 2.8#

51 33.6 29.8 44.8

120 20.9 18.4 27.6



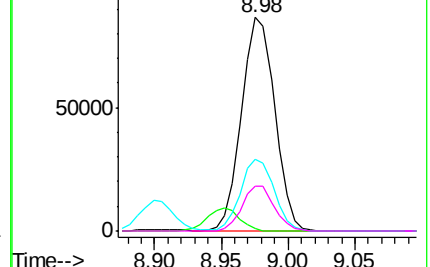
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

Time-->





#23

Nitrobenzene-d5

Concen: 81.170 ng

RT: 9.32 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

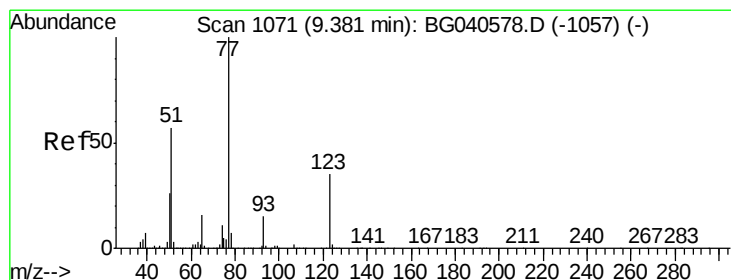
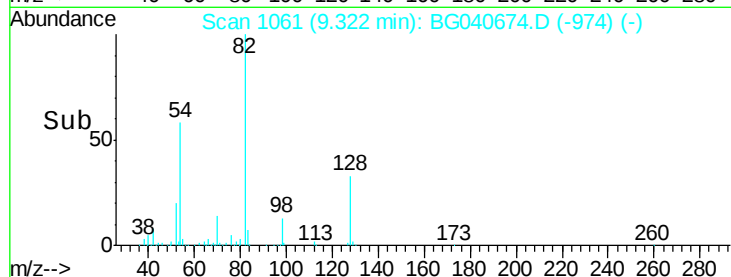
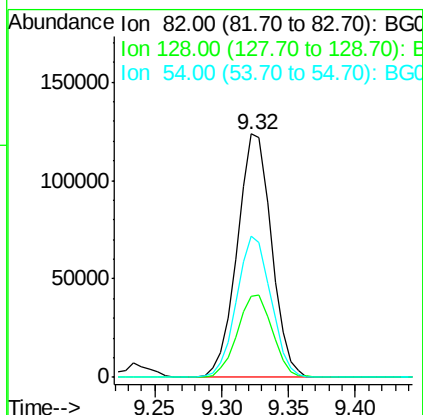
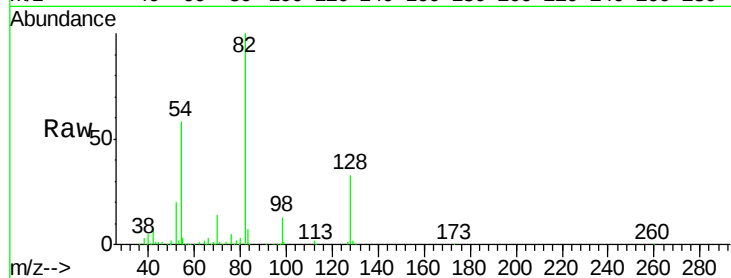
Tot Ion: 82 Resp: 220201

Ion Ratio Lower Upper

82 100

128 33.1 28.9 43.3

54 58.2 47.2 70.8



#24

Nitrobenzene

Concen: 44.070 ng

RT: 9.37 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

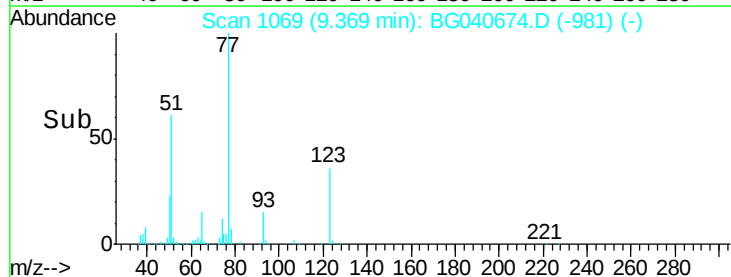
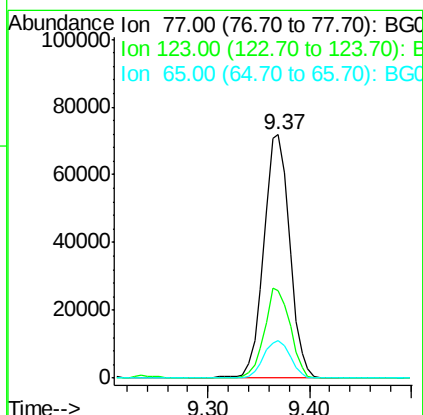
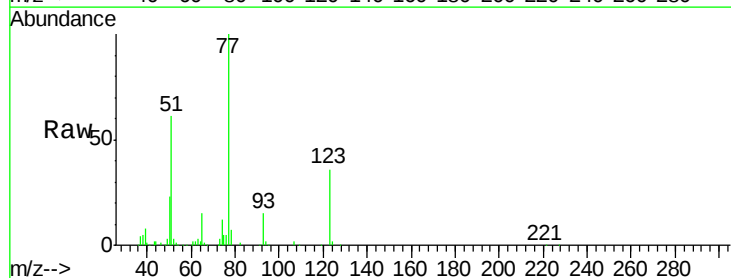
Tgt Ion: 77 Resp: 127558

Ion Ratio Lower Upper

77 100

123 36.2 27.8 41.6

65 15.2 12.4 18.6





#25

Isophorone

Concen: 39.596 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

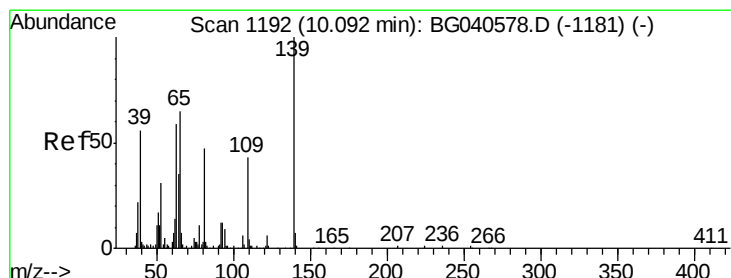
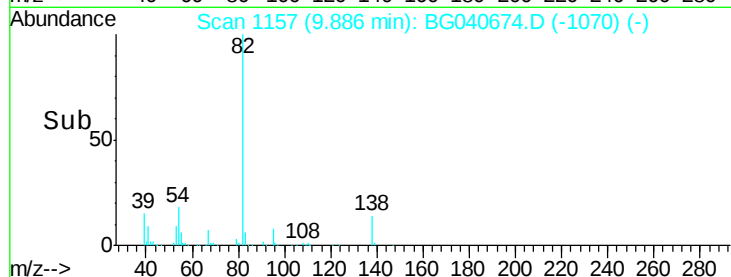
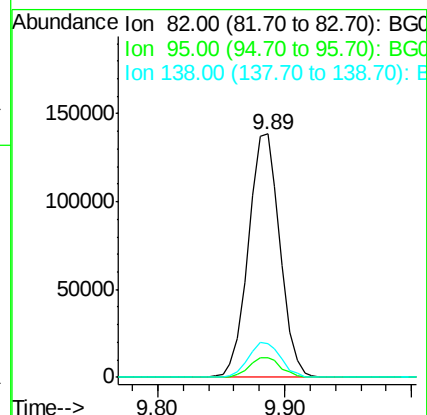
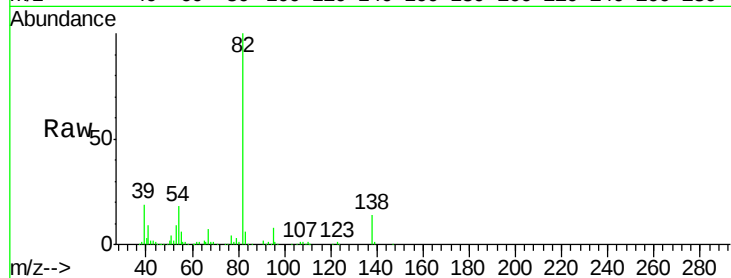
Tot Ion: 82 Resp: 239272

Ion Ratio Lower Upper

82 100

95 7.9 6.9 10.3

138 14.1 12.3 18.5



#26

2-Nitrophenol

Concen: 47.055 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

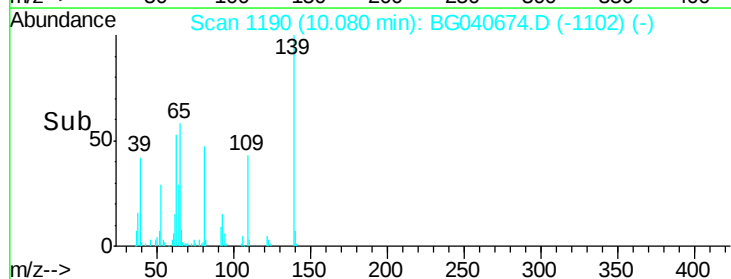
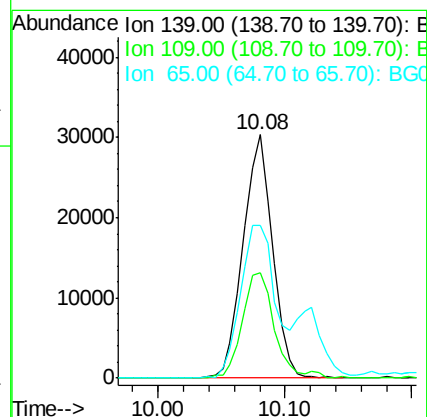
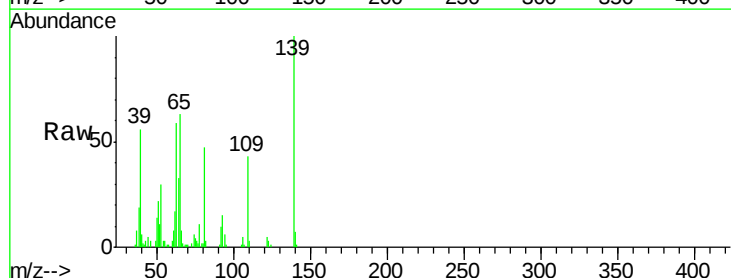
Tgt Ion: 139 Resp: 48821

Ion Ratio Lower Upper

139 100

109 43.4 35.6 53.4

65 62.7 52.3 78.5





#27

2,4-Dimethylphenol

Concen: 51.872 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

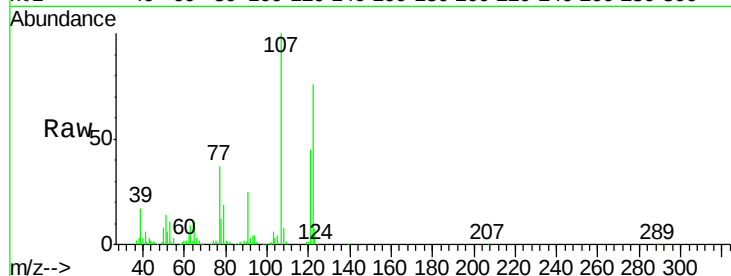
Tot Ion:122 Resp: 100979

Ion Ratio Lower Upper

122 100

107 131.3 110.1 165.1

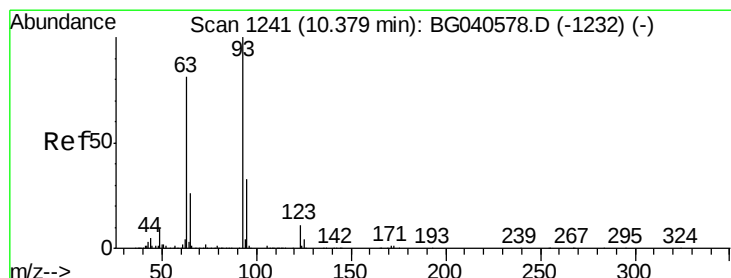
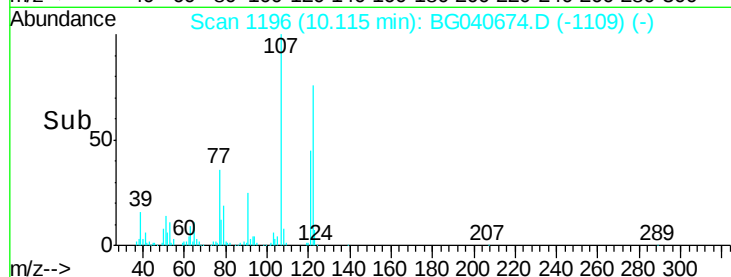
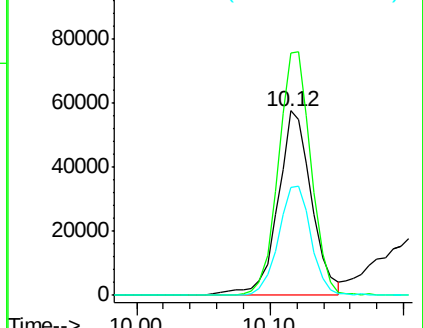
121 58.7 49.4 74.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.298 ng

RT: 10.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

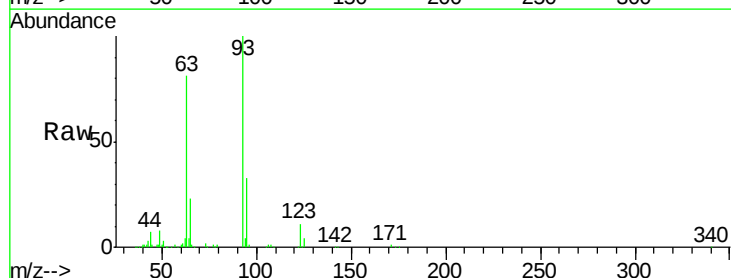
Tgt Ion: 93 Resp: 122177

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

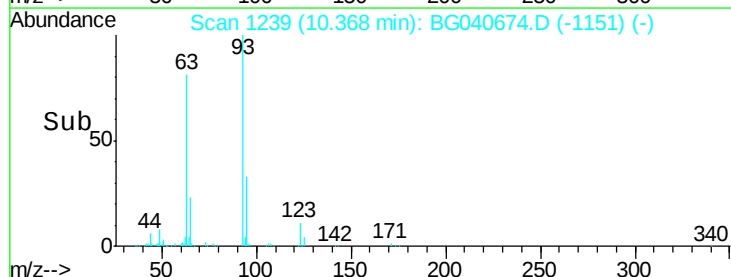
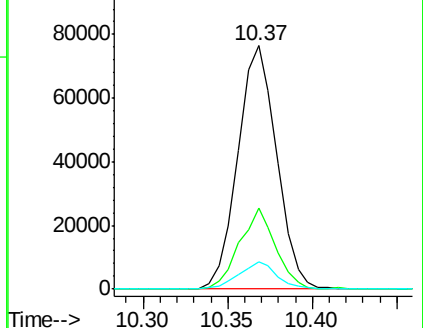
123 11.1 9.0 13.4

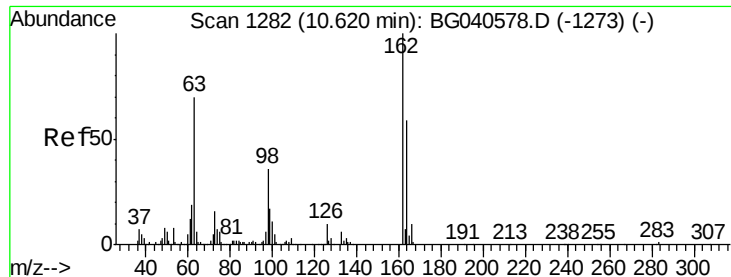


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

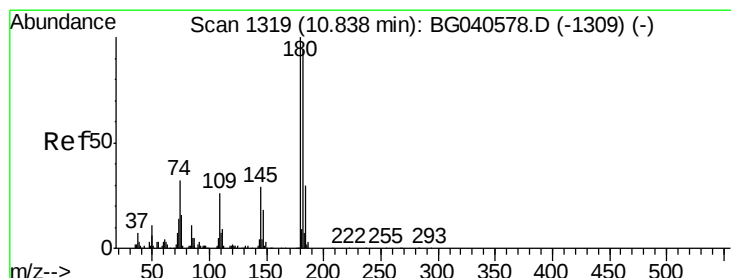
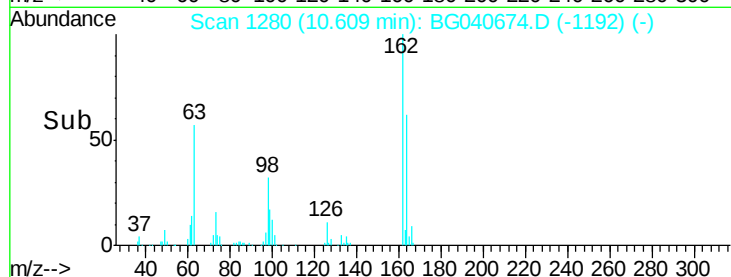
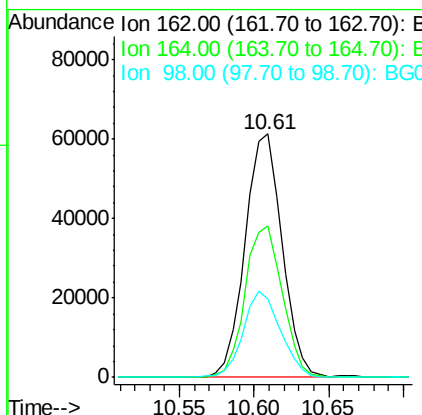
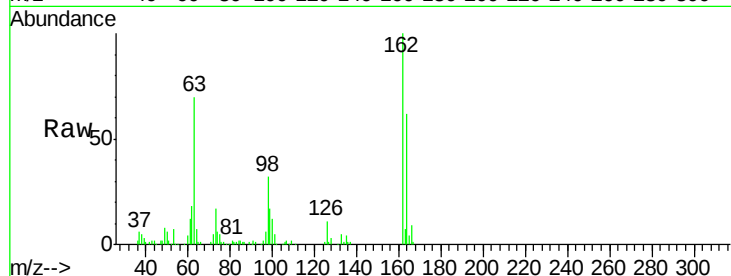




#29
 2,4-Dichlorophenol
 Concen: 47.569 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

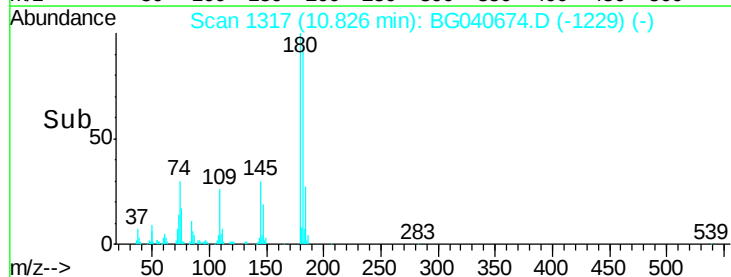
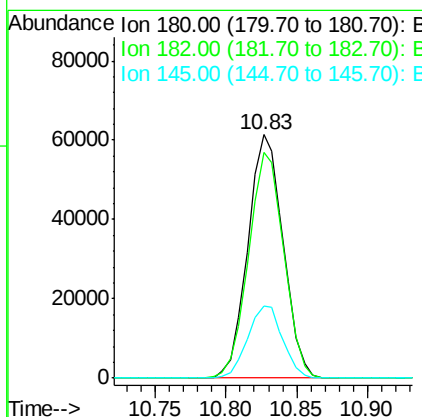
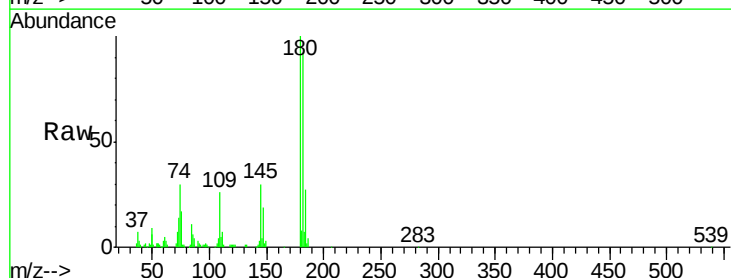
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	38.9	78.9
98	32.0	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 43.814 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	75.2	112.8
145	29.9	23.6	35.4

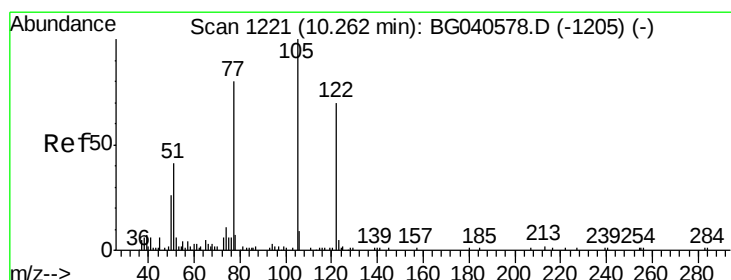
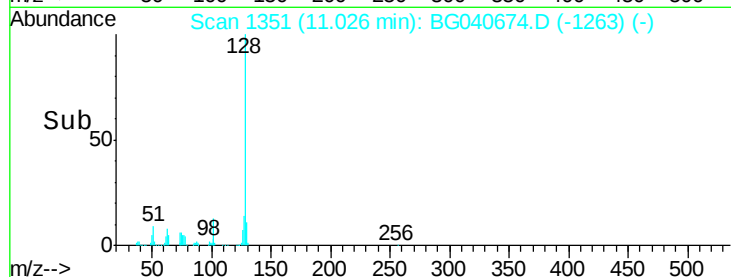
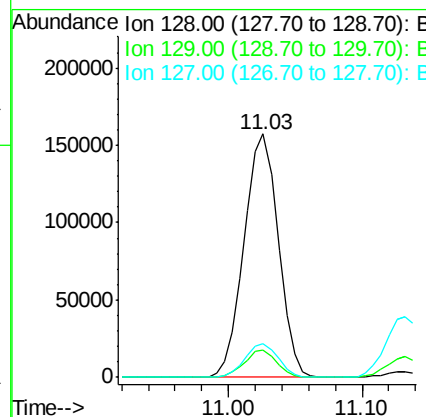
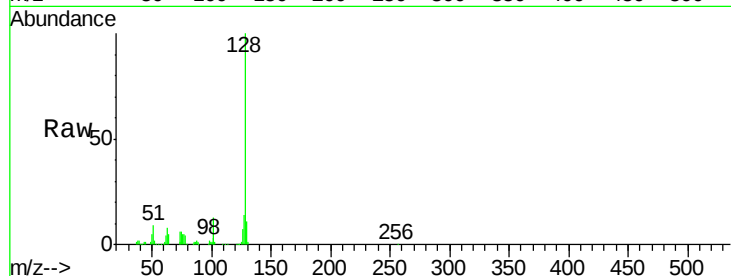




#31
Naphthalene
Concen: 41.959 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

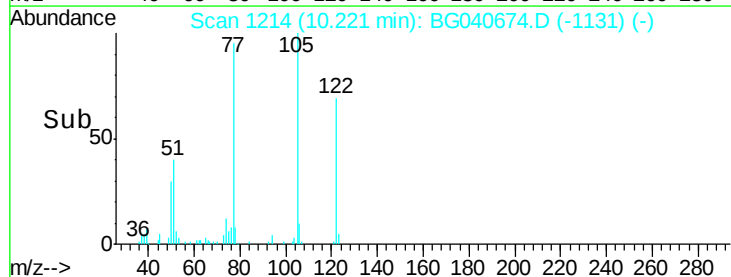
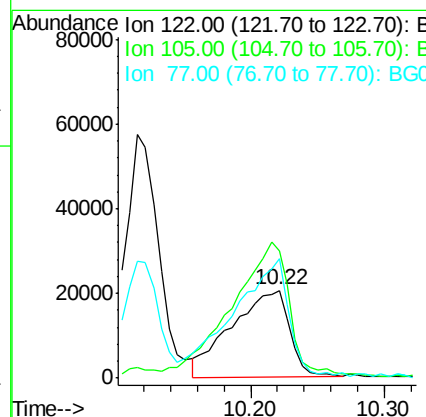
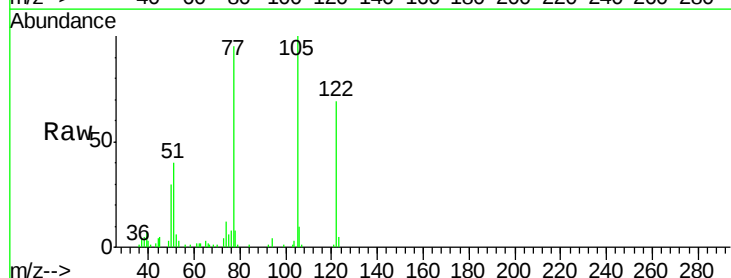
Instrument :
BNA_G
ClientSampleId :

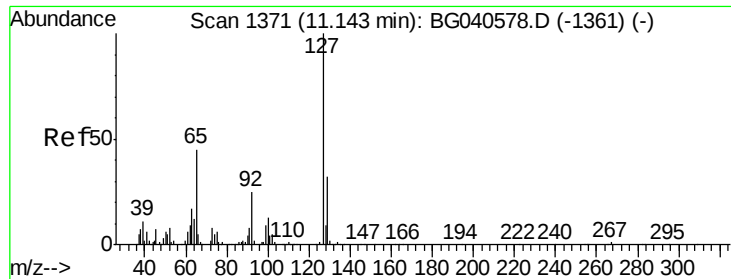
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.6	11.3	16.9



#32
Benzoic acid
Concen: 45.861 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	144.7	110.9	150.9
77	137.1	87.6	127.6

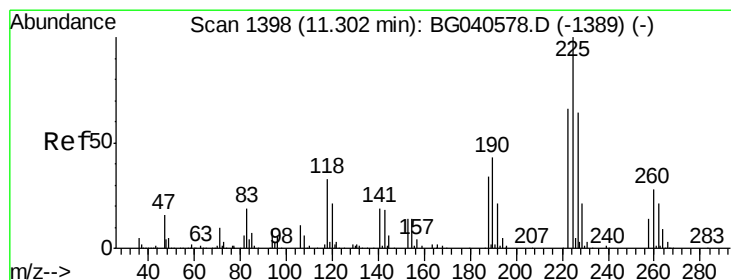
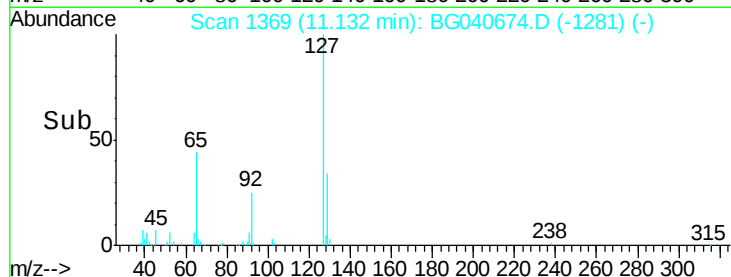
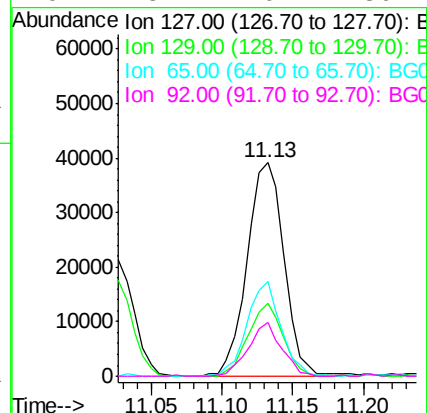
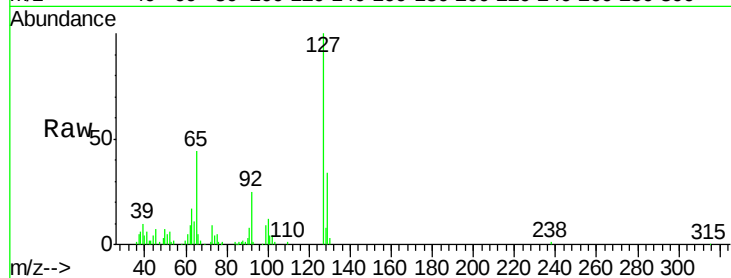




#33
4-Chloroaniline
Concen: 24.391 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

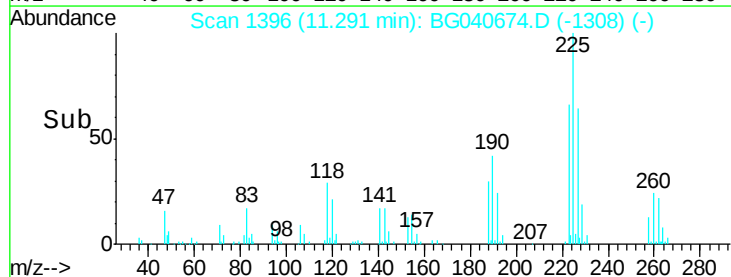
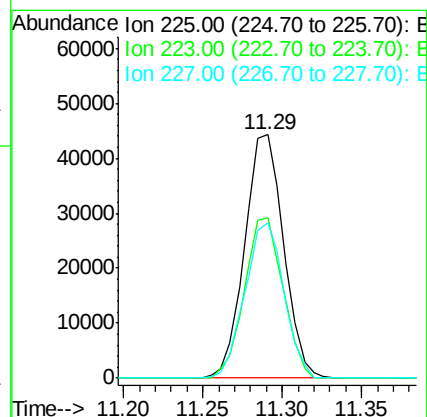
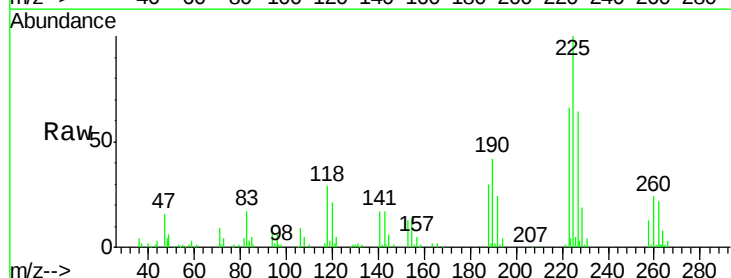
Instrument :
BNA_G
ClientSampled :

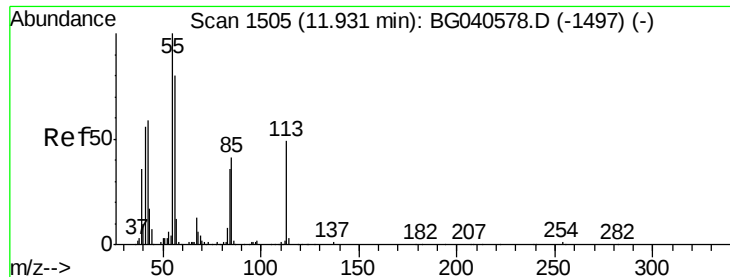
Tot Ion:127 Resp: 72019
Ion Ratio Lower Upper
127 100
129 34.3 25.7 38.5
65 44.1 36.1 54.1
92 25.2 20.1 30.1



#34
Hexachlorobutadiene
Concen: 41.668 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Tgt Ion:225 Resp: 75497
Ion Ratio Lower Upper
225 100
223 65.8 50.4 75.6
227 66.6 51.0 76.6





#35

Caprolactam

Concen: 40.344 ng

RT: 11.90 min Scan# 1500

Delta R.T. -0.03 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

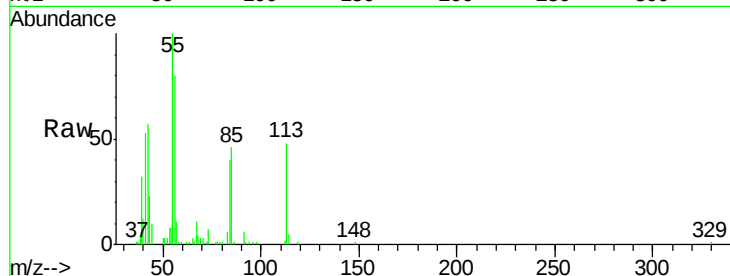
Tot Ion:113 Resp: 35251

Ion Ratio Lower Upper

113 100

55 208.5 198.6 238.6

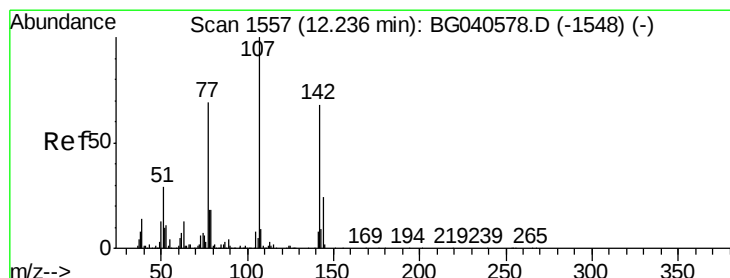
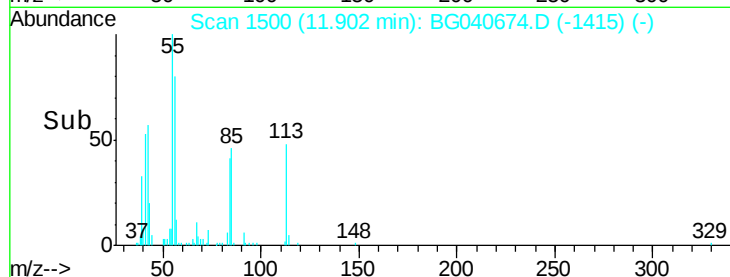
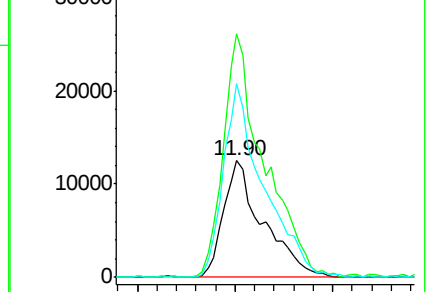
56 166.1 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.259 ng

RT: 12.22 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

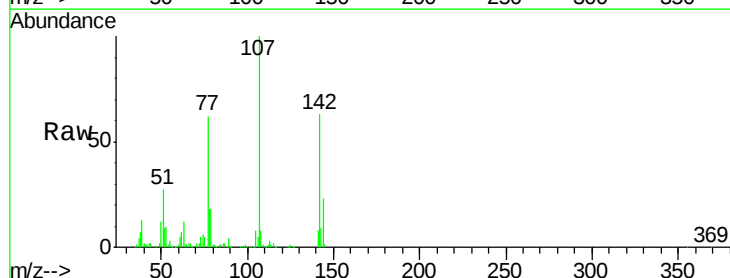
Tgt Ion:107 Resp: 123567

Ion Ratio Lower Upper

107 100

144 23.1 19.3 28.9

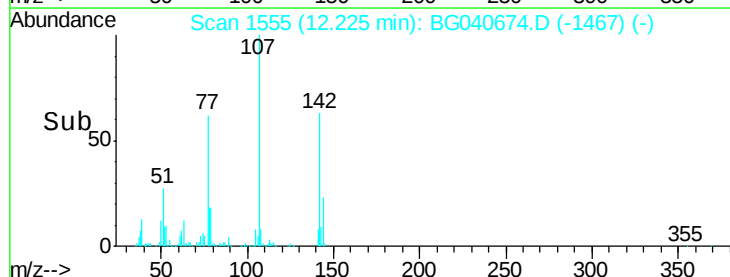
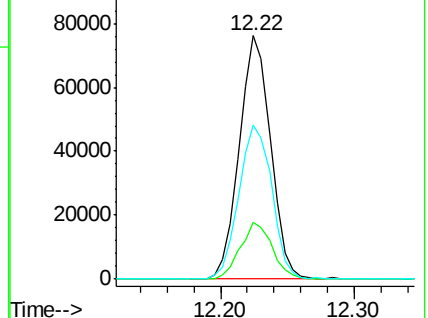
142 63.1 54.6 81.8

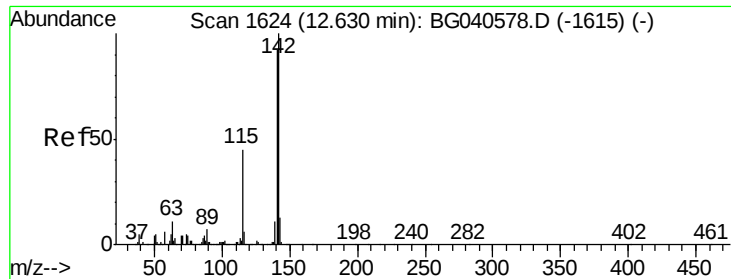


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

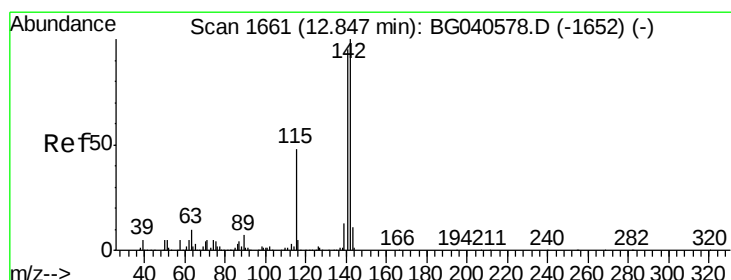
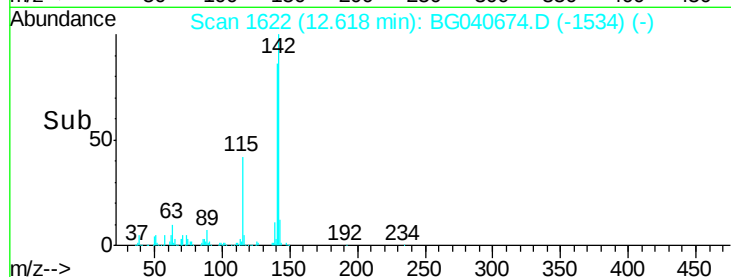
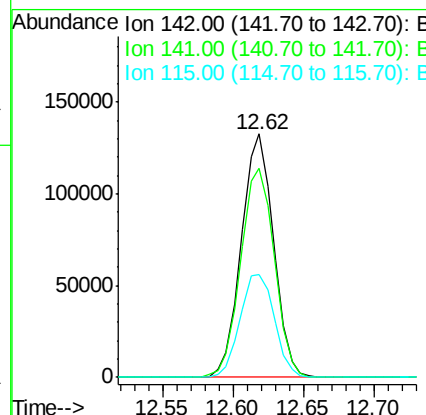
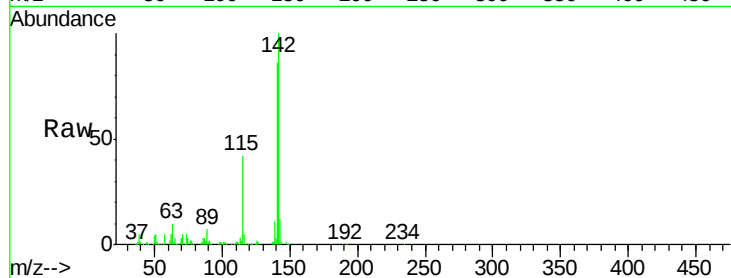




#37
2-Methylnaphthalene
Concen: 42.469 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

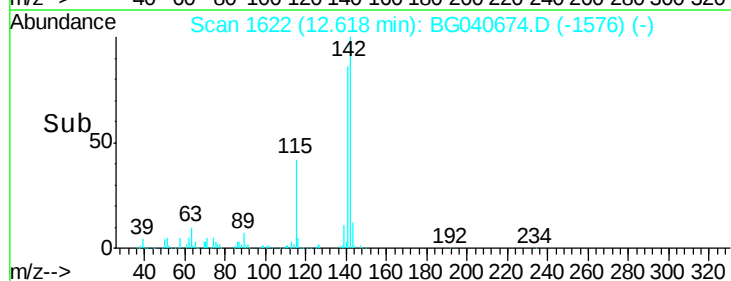
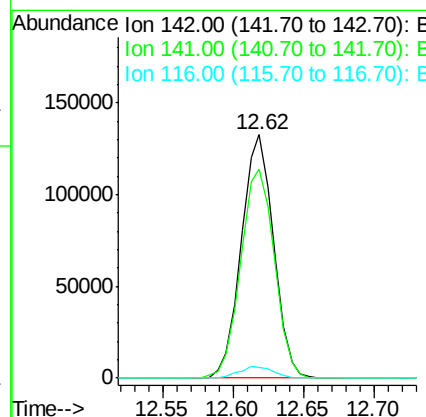
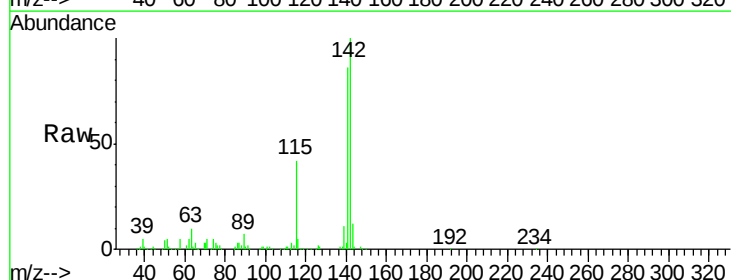
Instrument :
BNA_G
ClientSampleId :

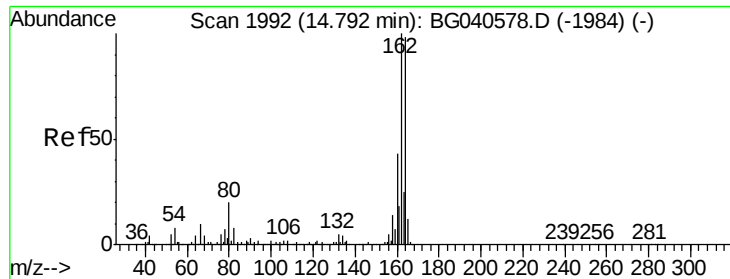
Tot Ion	Ratio	Lower	Upper
142	100		
141	85.9	73.4	110.2
115	42.4	36.2	54.4



#38
1-Methylnaphthalene
Concen: 43.449 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.23 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.9	75.9	113.9
116	4.6	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

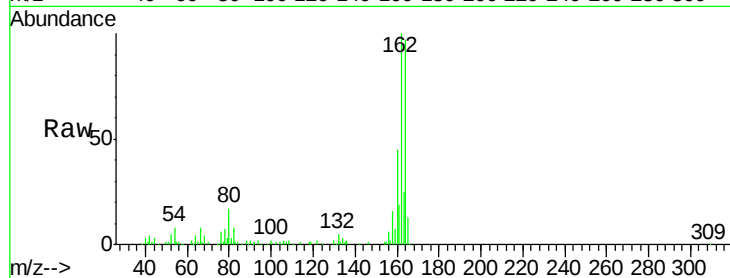
Tot Ion:164 Resp: 89844

Ion Ratio Lower Upper

164 100

162 103.5 81.9 122.9

160 47.1 35.4 53.2

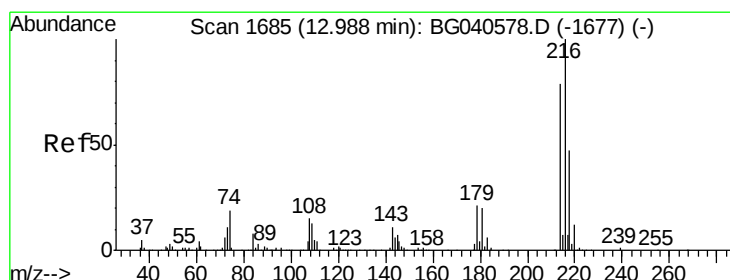
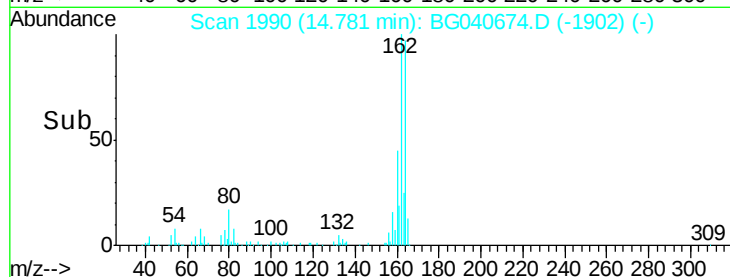
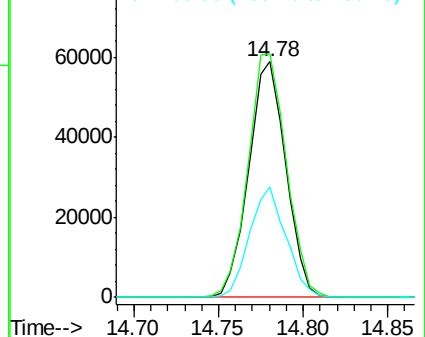


Abundance

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: 43.220 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Tgt Ion:216 Resp: 144654

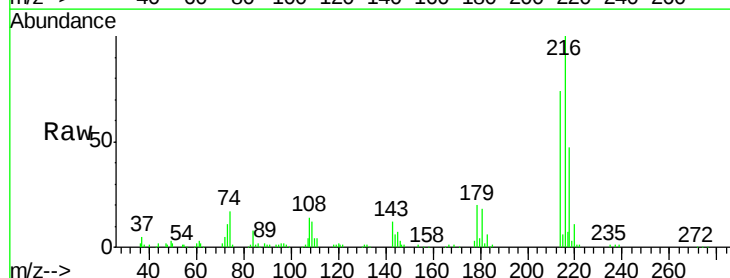
Ion Ratio Lower Upper

216 100

214 77.8 63.7 95.5

179 19.6 16.6 24.8

108 19.6 14.7 22.1



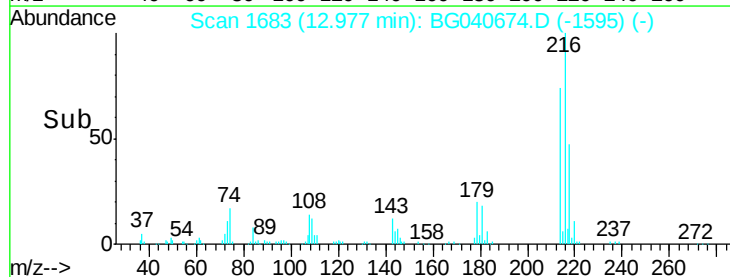
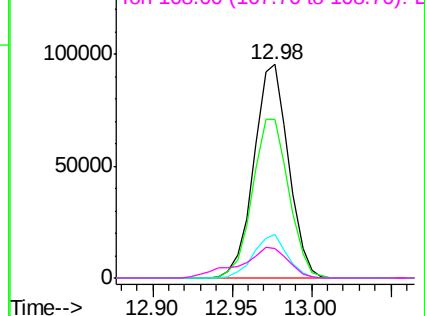
Abundance

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: 90.820 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

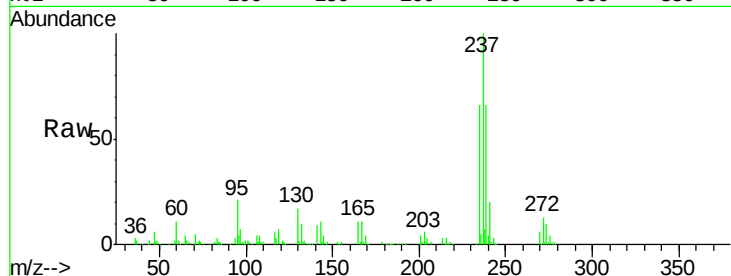
Tot Ion:237 Resp: 179365

Ion Ratio Lower Upper

237 100

235 66.4 42.5 82.5

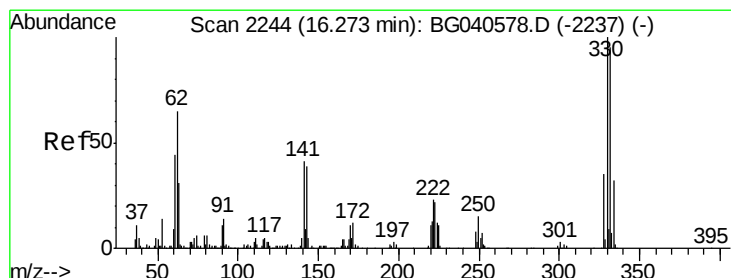
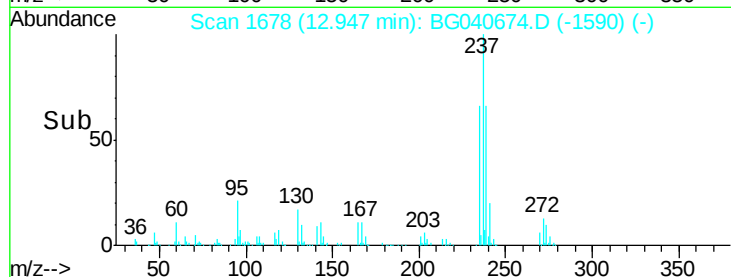
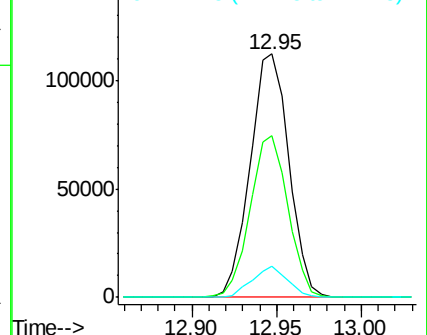
272 12.8 0.0 31.6



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: 143.476 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

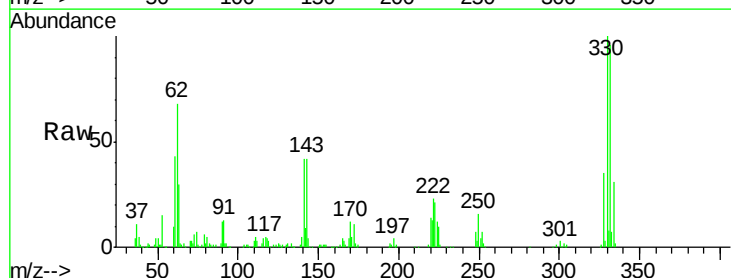
Tgt Ion:330 Resp: 177182

Ion Ratio Lower Upper

330 100

332 96.7 75.9 113.9

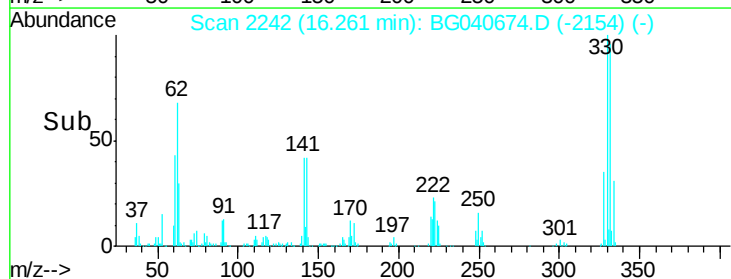
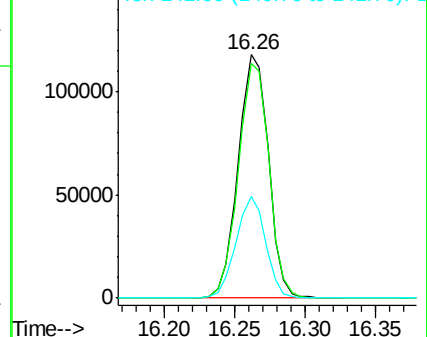
141 40.3 32.4 48.6



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

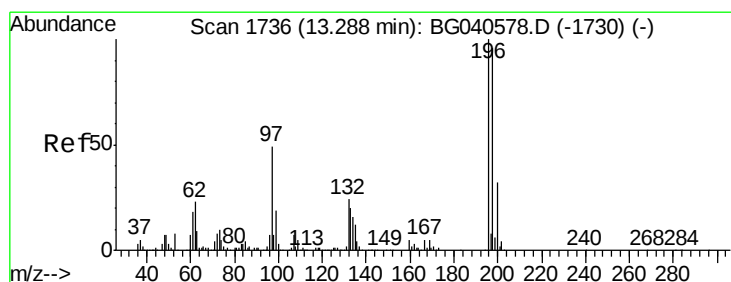
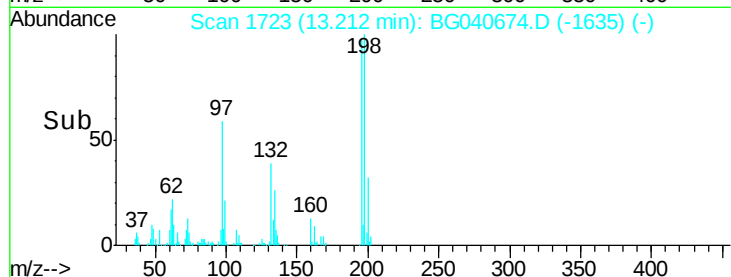
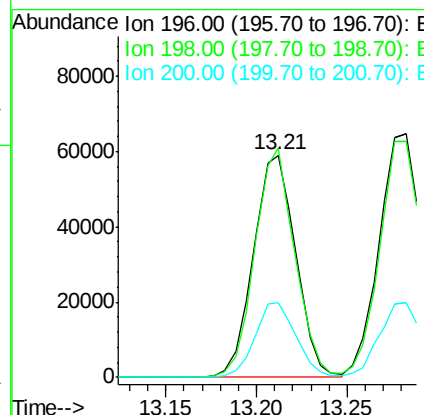
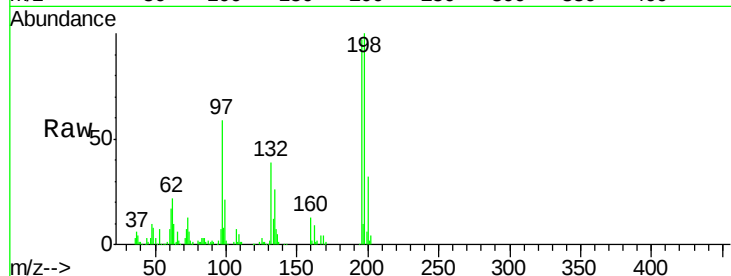




#43
 2,4,6-Trichlorophenol
 Concen: 47.285 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

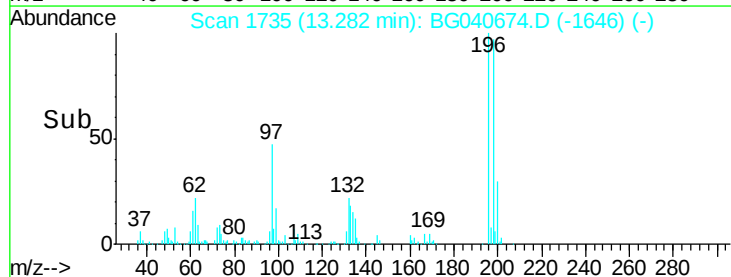
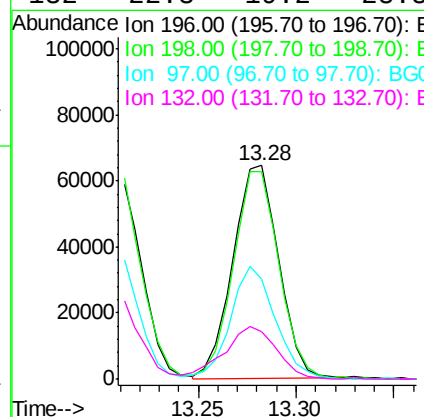
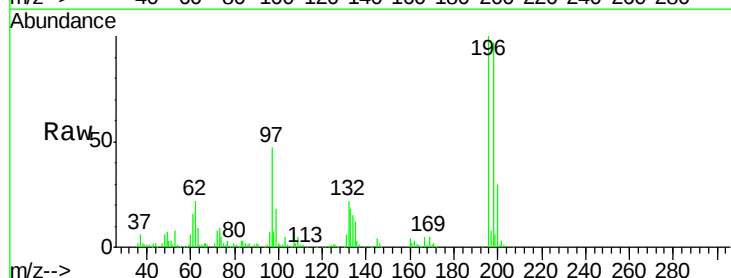
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	95636
Ion Ratio	100	Lower	Upper
196	100		
198	103.3	74.8	112.2
200	33.6	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 47.626 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

Tgt Ion	196	Resp	104934
Ion Ratio	100	Lower	Upper
196	100		
198	97.0	77.0	115.6
97	47.0	40.0	60.0
132	22.3	19.2	28.8





#45

2-Fluorobiphenyl

Concen: 75.361 ng

RT: 13.41 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

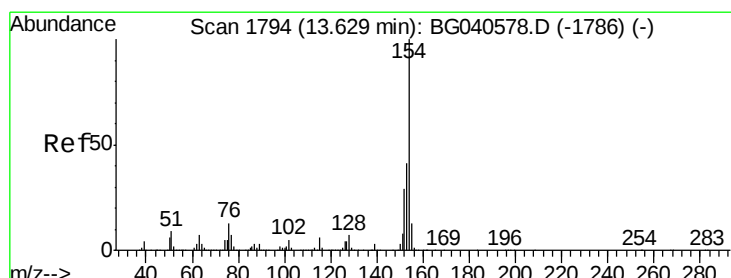
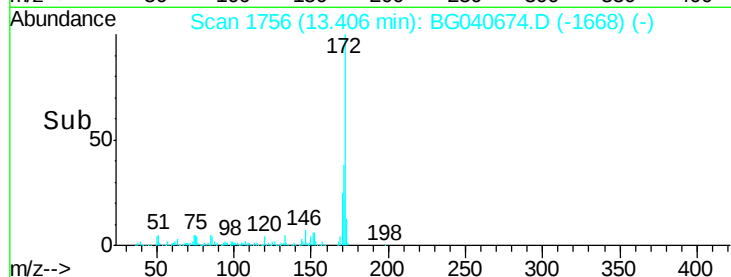
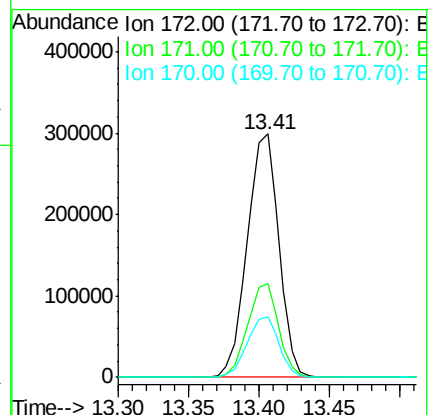
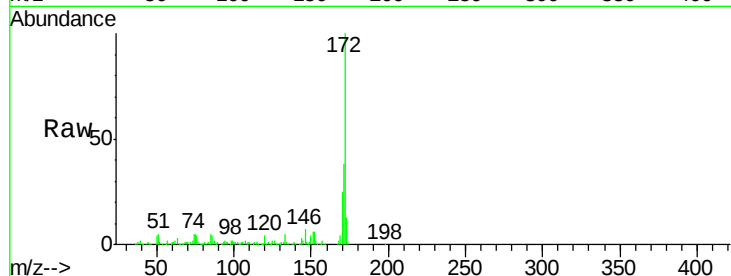
Tot Ion:172 Resp: 468821

Ion Ratio Lower Upper

172 100

171 38.3 29.4 44.2

170 24.8 19.9 29.9



#46

1,1'-Biphenyl

Concen: 41.063 ng

RT: 13.61 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

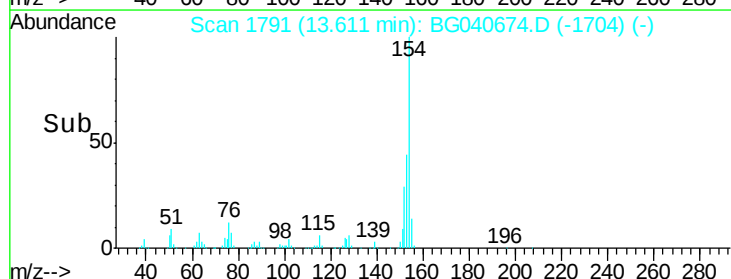
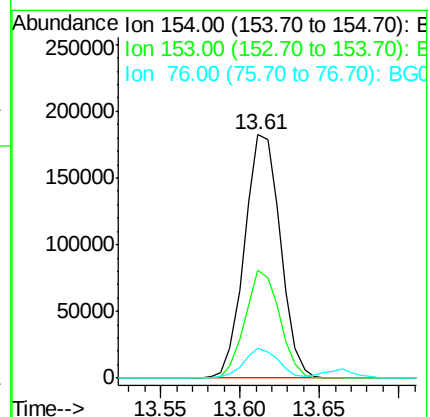
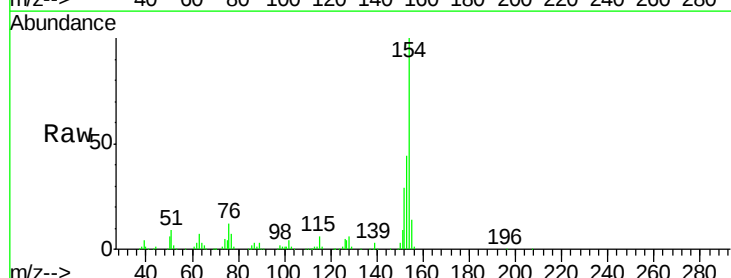
Tgt Ion:154 Resp: 286438

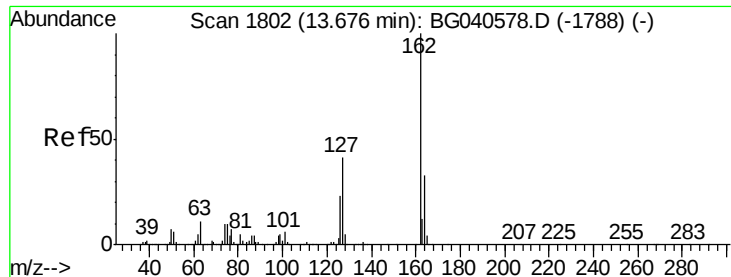
Ion Ratio Lower Upper

154 100

153 44.2 20.5 60.5

76 12.5 0.0 32.5

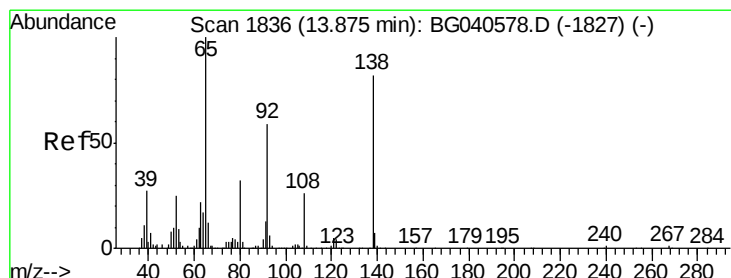
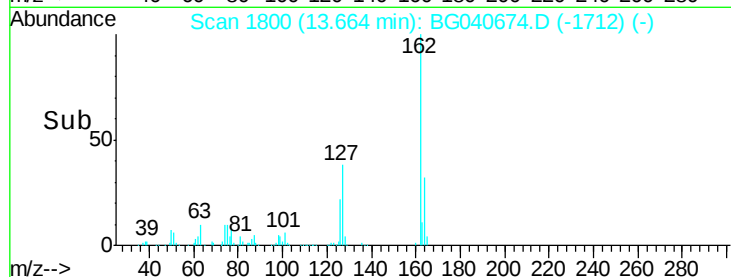
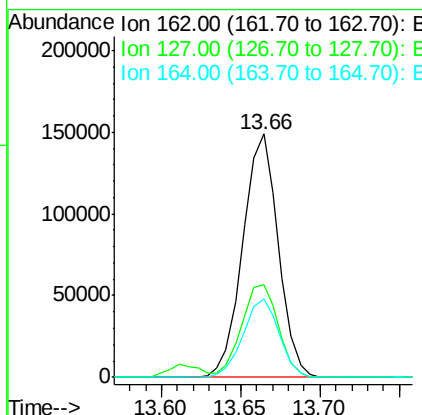
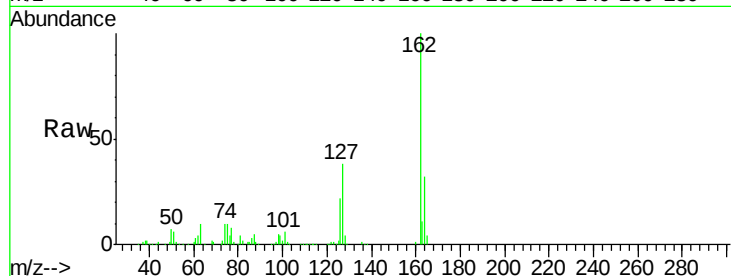




#47
 2-Chloronaphthalene
 Concen: 42.198 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

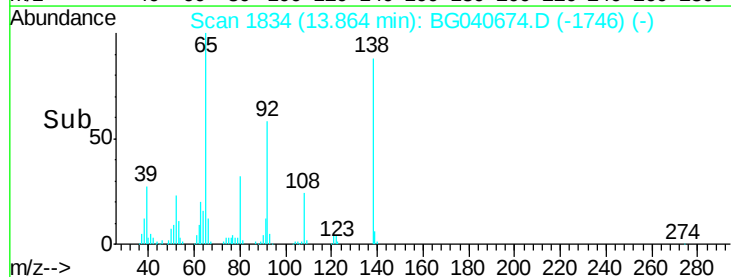
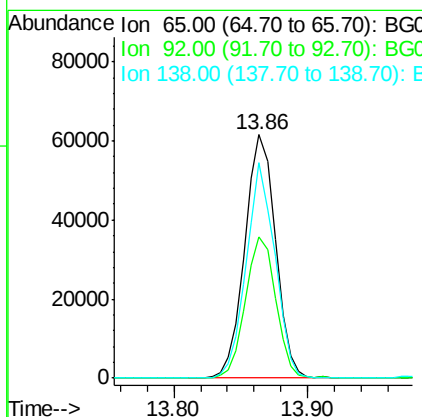
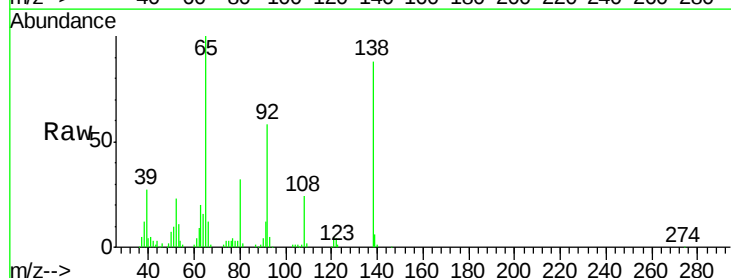
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	33.0	49.4
164	32.4	26.8	40.2



#48
 2-Nitroaniline
 Concen: 50.212 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.2	47.4	71.0
138	88.4	66.1	99.1





#49

Acenaphthylene

Concen: 41.468 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

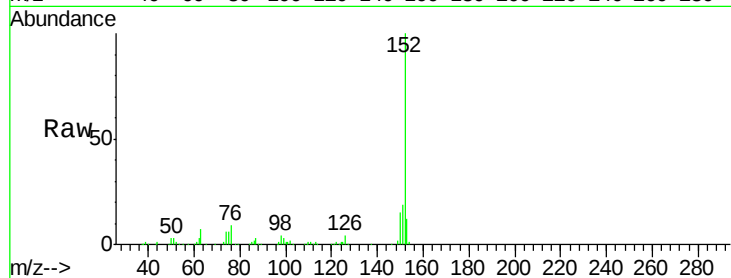
Tot Ion:152 Resp: 384074

Ion Ratio Lower Upper

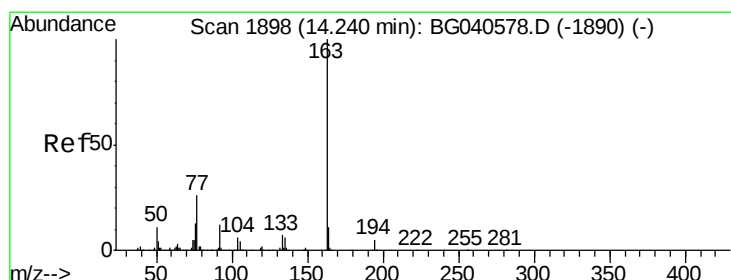
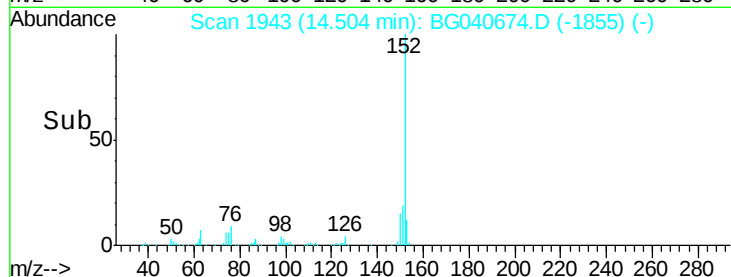
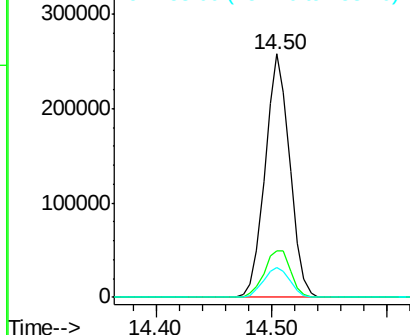
152 100

151 19.3 17.2 25.8

153 12.2 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: 43.830 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

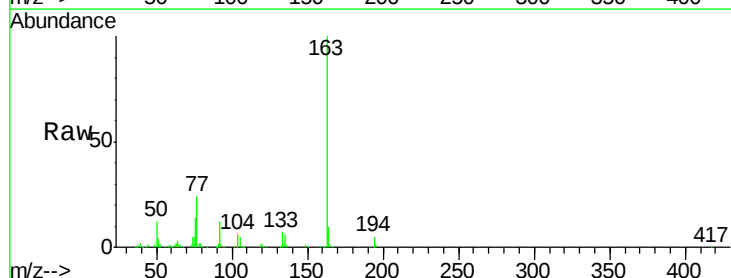
Tgt Ion:163 Resp: 329476

Ion Ratio Lower Upper

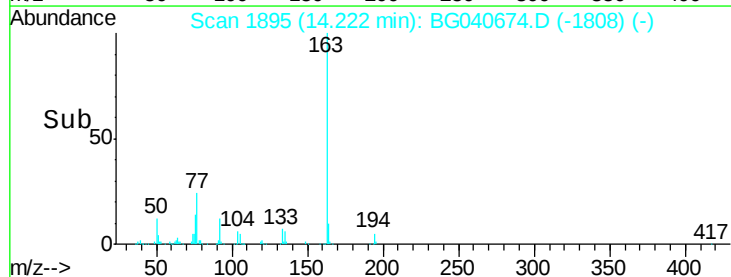
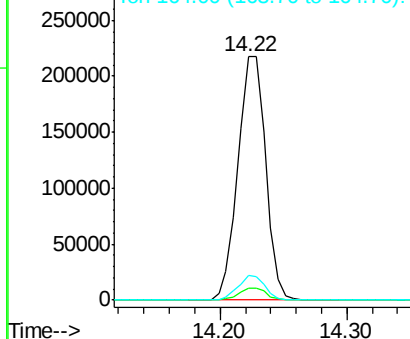
163 100

194 5.1 3.8 5.8

164 10.4 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

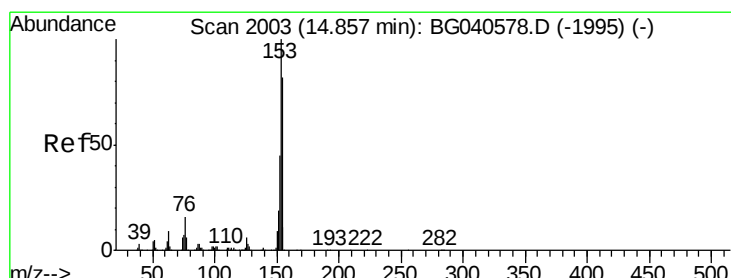
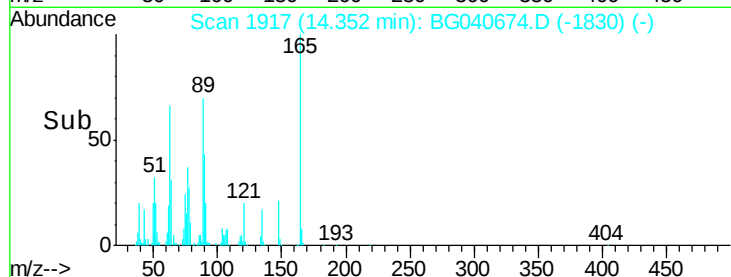
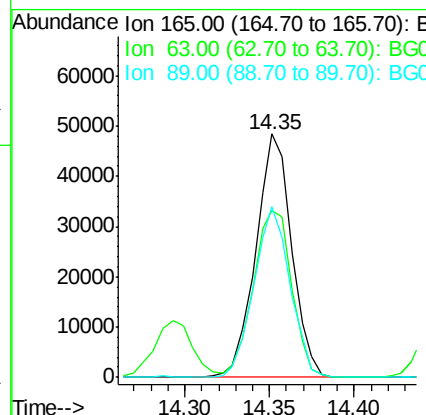
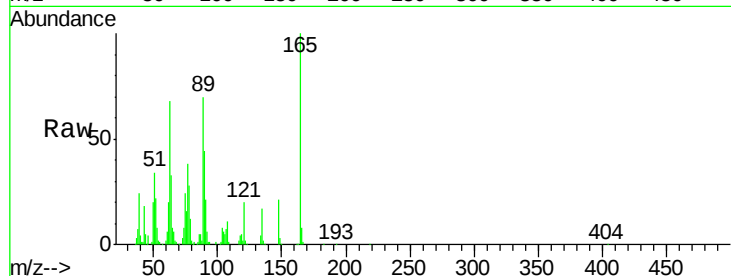




#51
 2,6-Dinitrotoluene
 Concen: 48.477 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

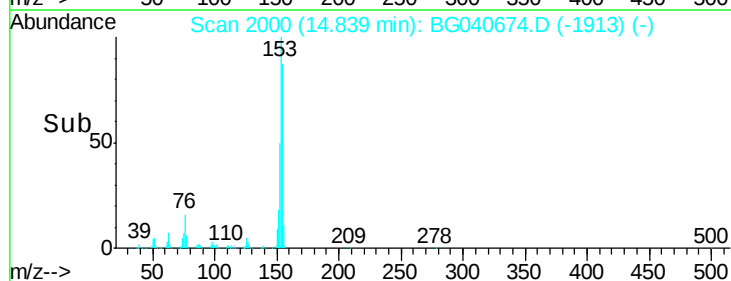
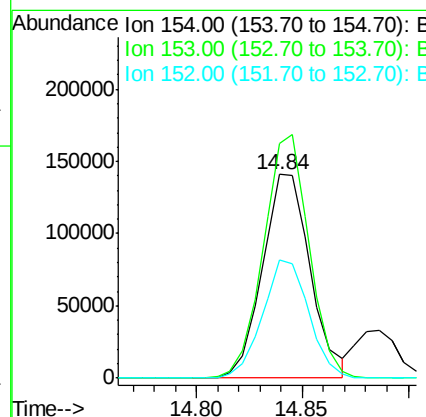
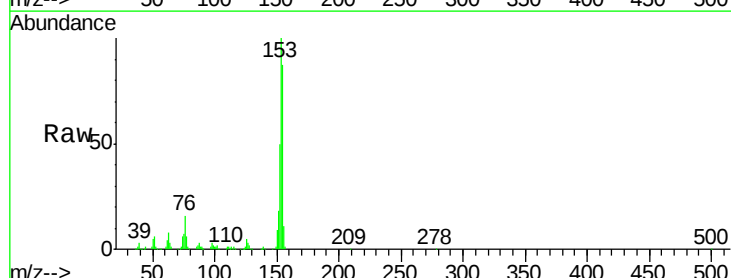
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 71121
 Ion Ratio Lower Upper
 165 100
 63 68.3 61.0 91.4
 89 69.9 58.6 87.8



#52
 Acenaphthene
 Concen: 41.217 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

Tgt Ion:154 Resp: 222316
 Ion Ratio Lower Upper
 154 100
 153 115.4 97.0 145.6
 152 58.0 44.1 66.1

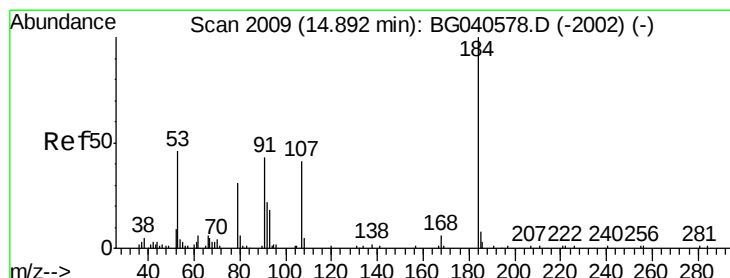
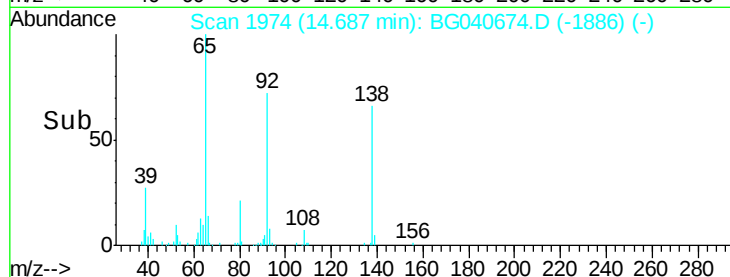
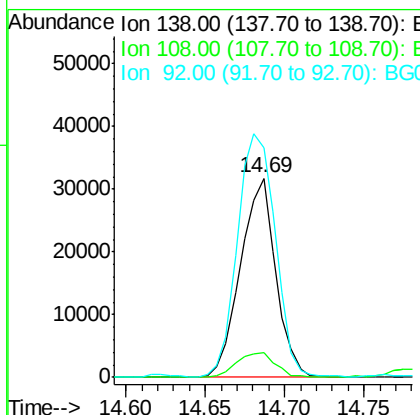
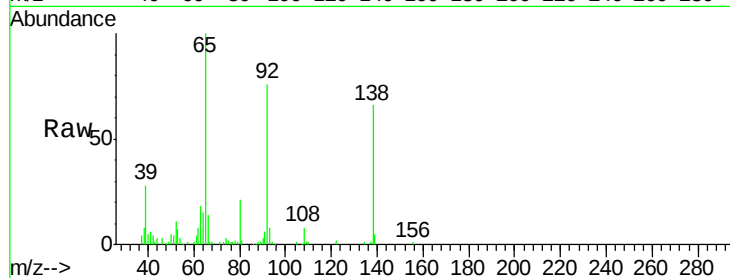




#53
3-Nitroaniline
Concen: 32.562 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

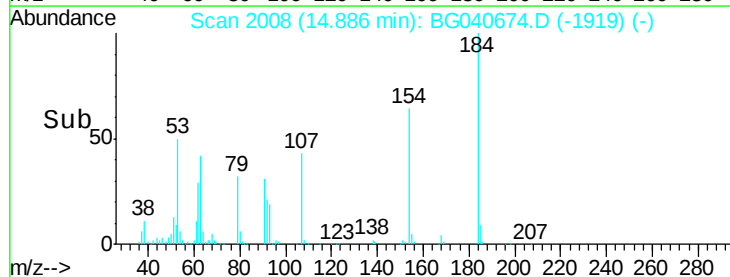
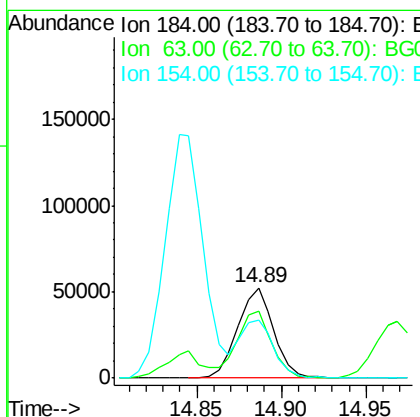
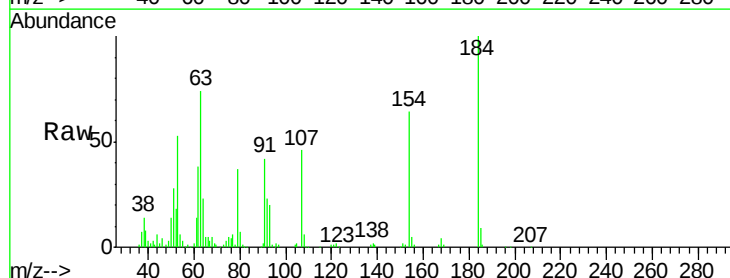
Instrument :
BNA_G
ClientSampleId :

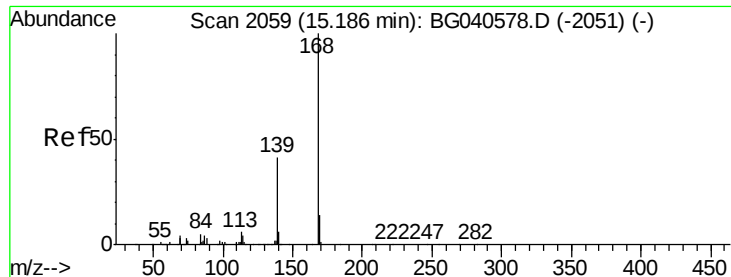
Tot Ion:138 Resp: 48948
Ion Ratio Lower Upper
138 100
108 12.2 12.4 18.6#
92 115.4 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 92.506 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Tgt Ion:184 Resp: 77537
Ion Ratio Lower Upper
184 100
63 74.2 51.8 77.6
154 63.7 43.6 65.4





#55

Dibenzo(furan)

Concen: 42.955 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

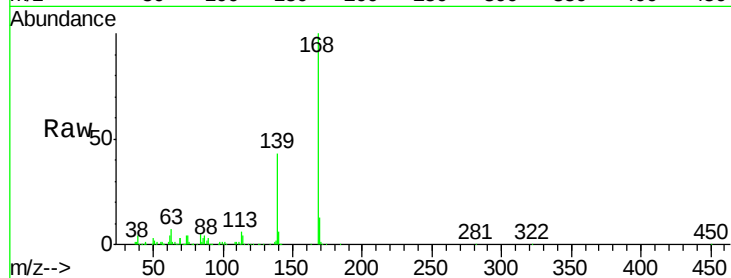
Tot Ion:168 Resp: 379491

Ion Ratio Lower Upper

168 100

139 42.7 33.0 49.4

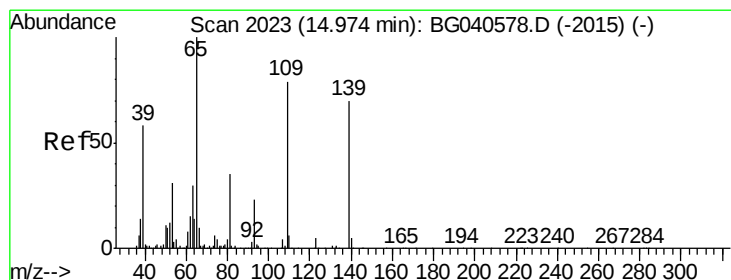
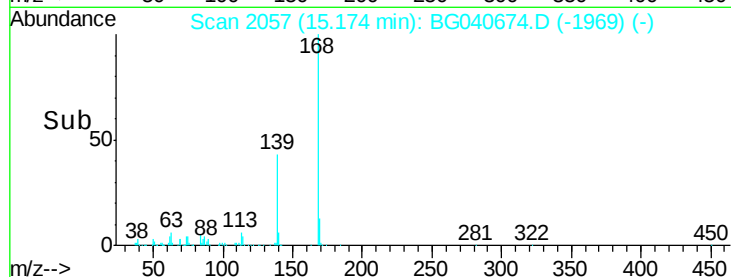
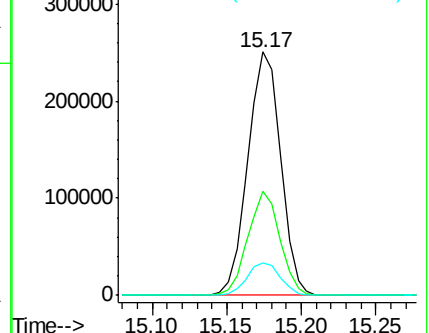
169 13.3 11.0 16.4



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: 93.182 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

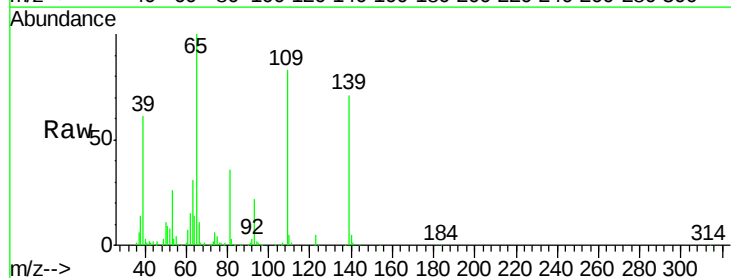
Tgt Ion:139 Resp: 121458

Ion Ratio Lower Upper

139 100

109 116.6 93.8 133.8

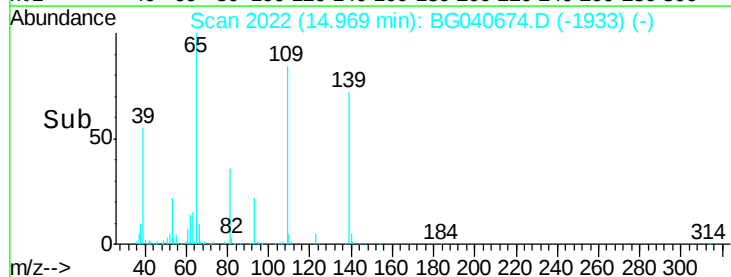
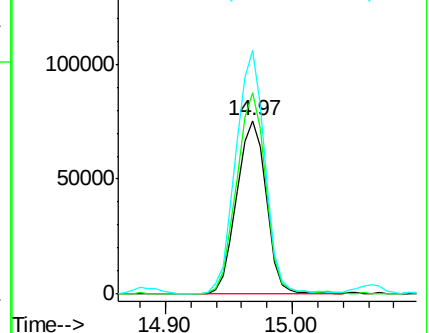
65 140.6 122.7 162.7



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): BG

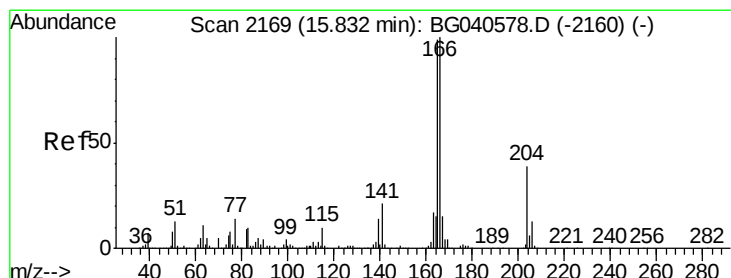
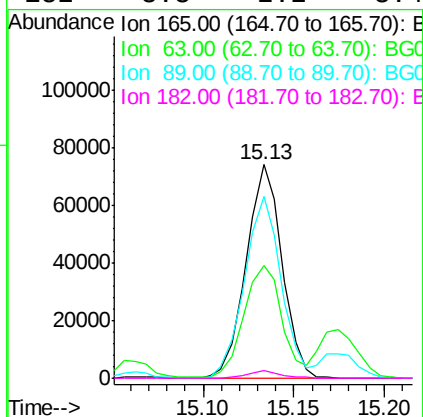
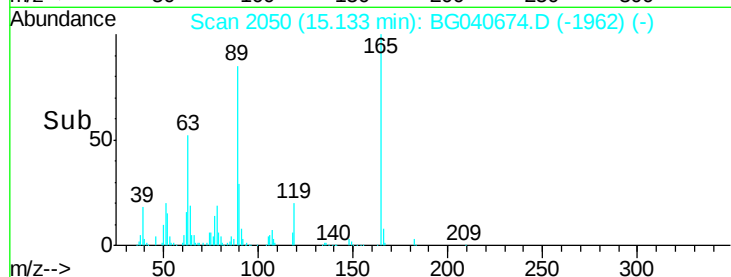
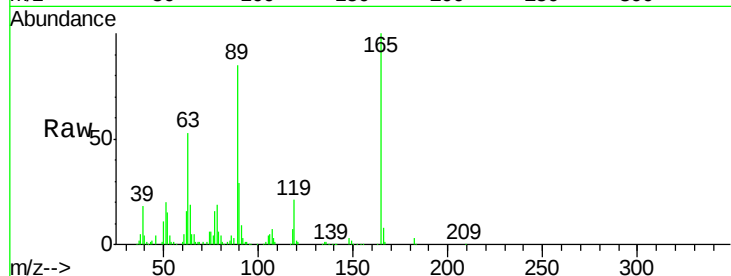




#57
 2,4-Dinitrotoluene
 Concen: 51.210 ng
 RT: 15.13 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

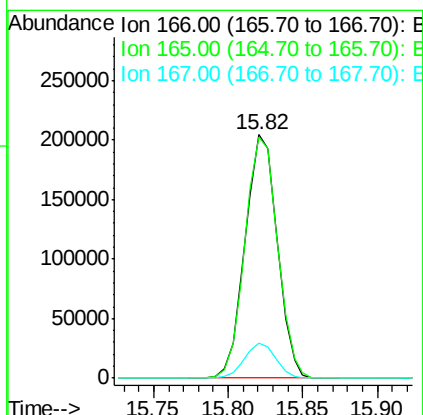
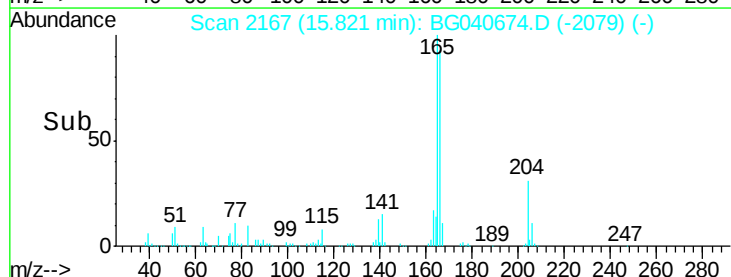
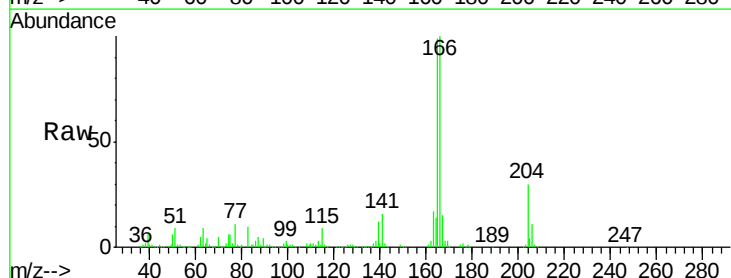
Instrument :
 BNA_G
 ClientSampleId :

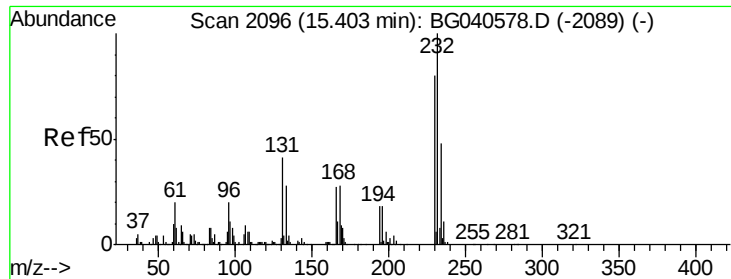
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.6	45.8	68.8
89	84.9	69.4	104.2
182	3.3	2.2	3.4



#58
 Fluorene
 Concen: 42.623 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.6	119.4
167	14.6	12.2	18.2

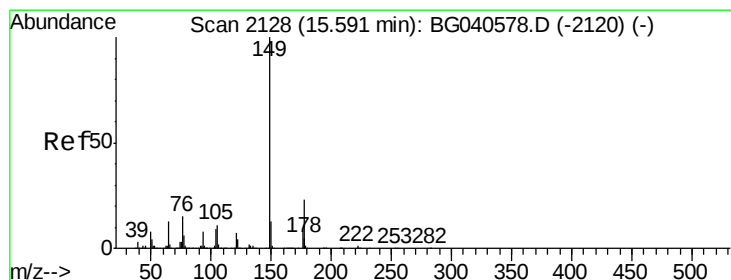
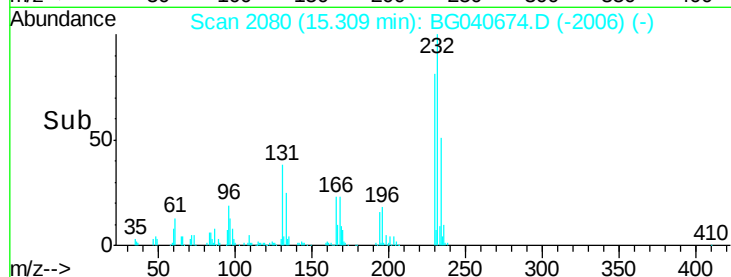
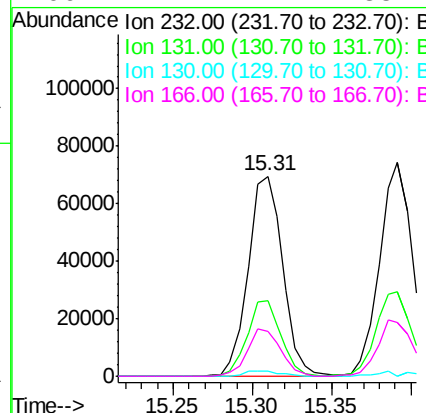
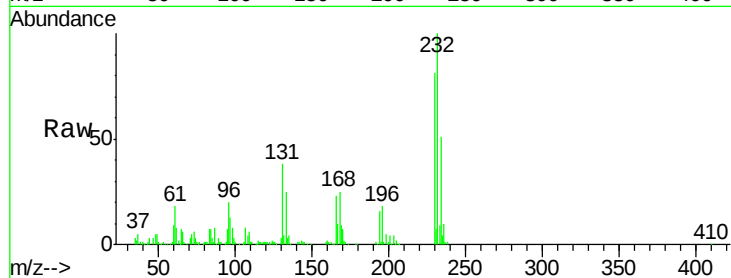




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.649 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.09 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

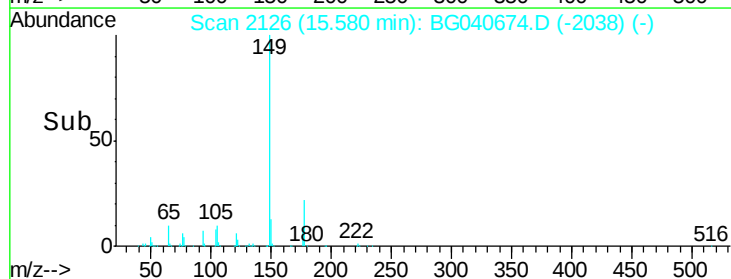
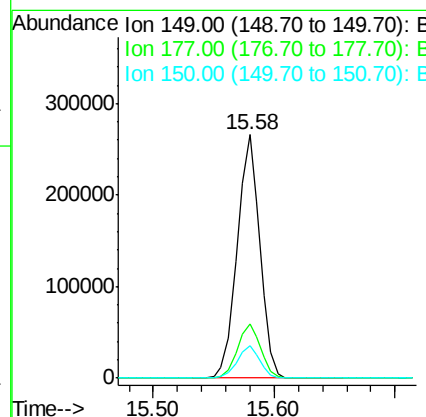
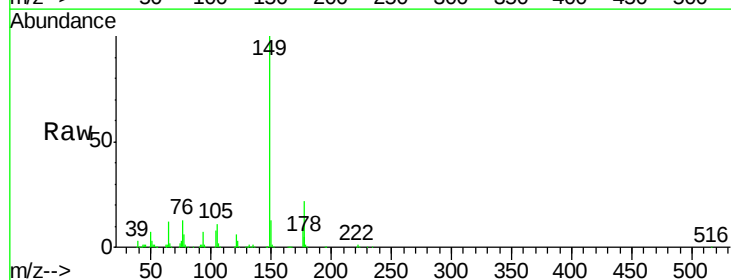
Instrument :
 BNA_G
 ClientSampleId :

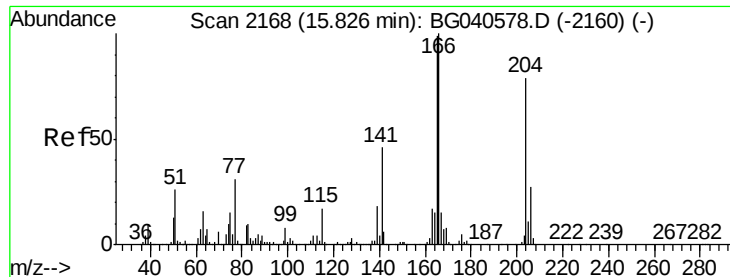
Tot Ion:232	Resp:	105669
Ion Ratio	Lower	Upper
232	100	
131	36.6	33.0 49.4
130	2.6	2.0 3.0
166	22.7	22.1 33.1



#60
 Diethylphthalate
 Concen: 43.650 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

Tgt Ion:149	Resp:	346195
Ion Ratio	Lower	Upper
149	100	
177	22.1	18.5 27.7
150	13.4	10.2 15.4





#61

4-Chlorophenyl-phenylether

Concen: 44.643 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

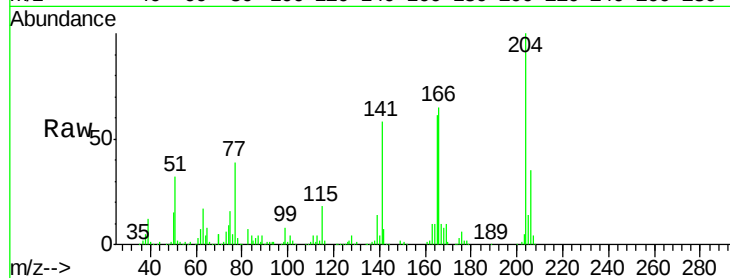
Tot Ion:204 Resp: 185405

Ion Ratio Lower Upper

204 100

206 35.2 27.4 41.2

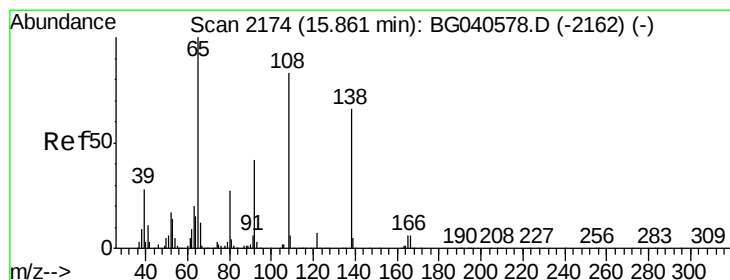
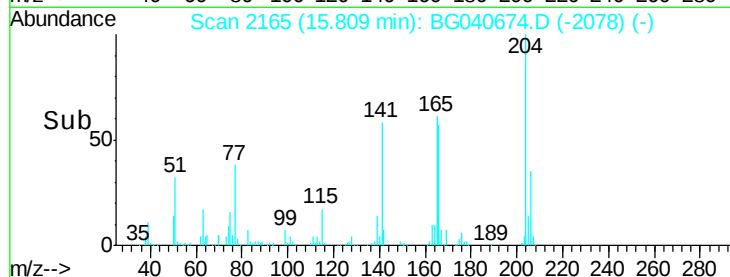
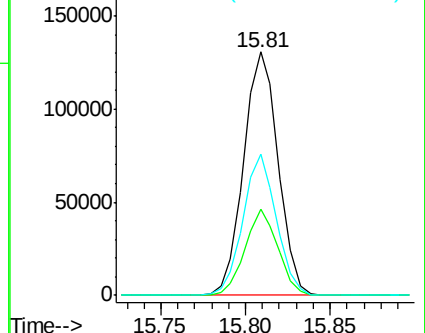
141 57.9 46.0 69.0



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: 47.006 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

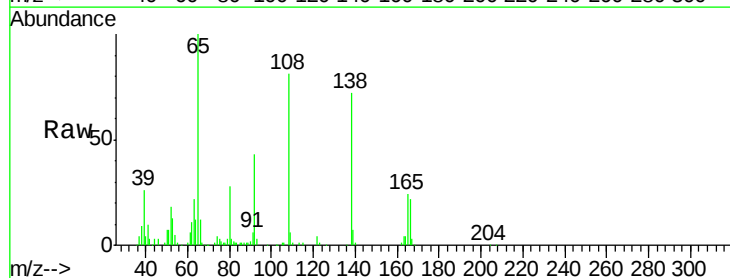
Tgt Ion:138 Resp: 79041

Ion Ratio Lower Upper

138 100

92 59.0 43.9 83.9

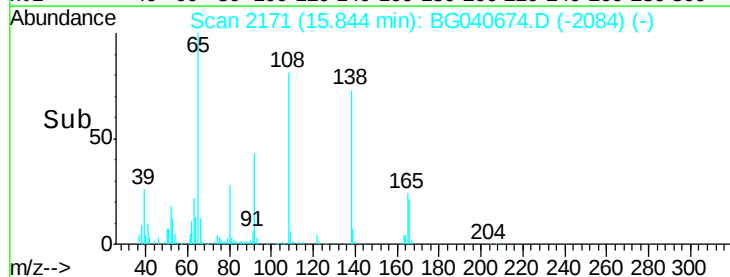
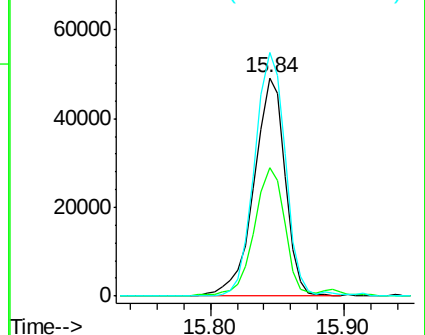
108 111.5 106.5 146.5

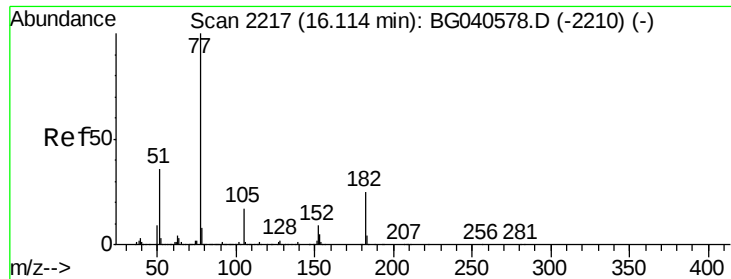


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG0

Ion 108.00 (107.70 to 108.70): E

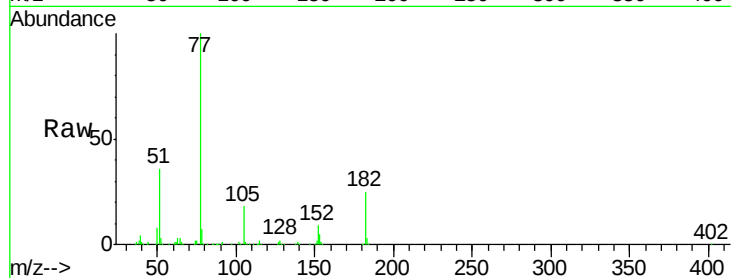




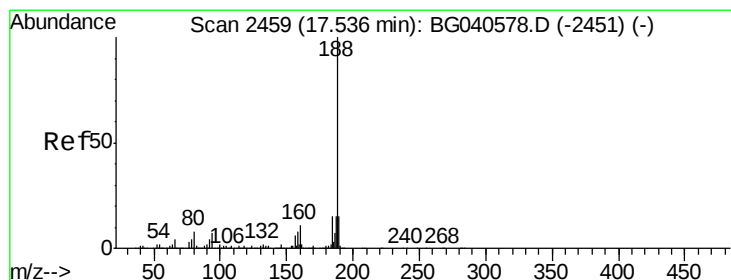
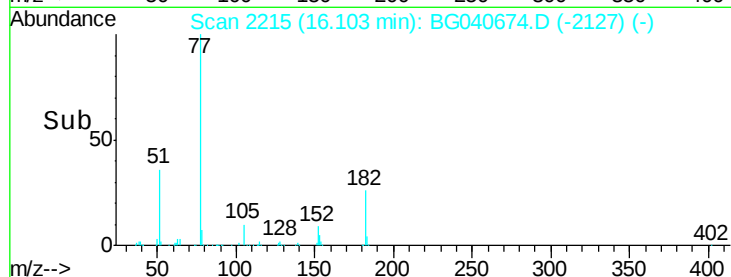
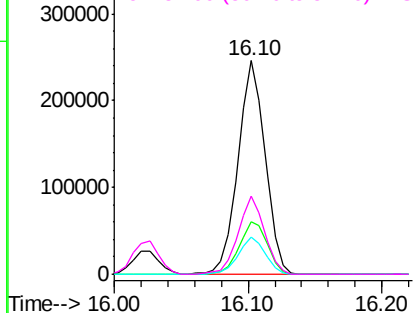
#63
Azobenzene
Concen: 42.442 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 346664
Ion Ratio Lower Upper
77 100
182 24.5 5.0 45.0
105 17.6 0.0 37.6
51 36.4 16.3 56.3

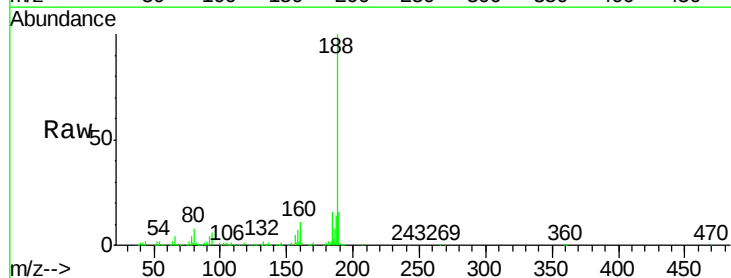


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

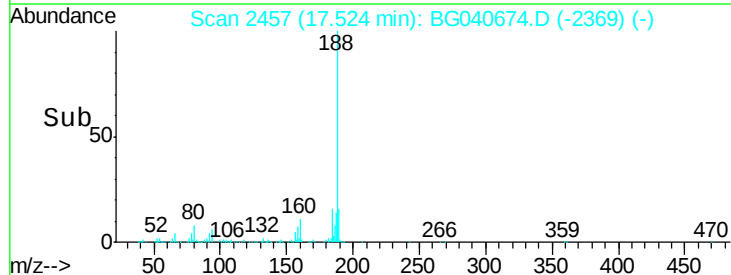
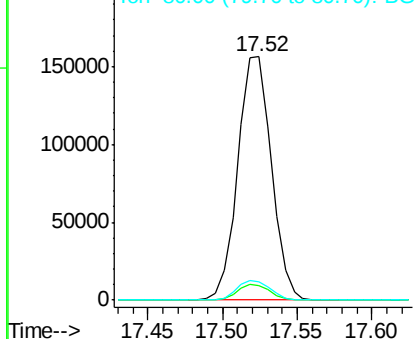


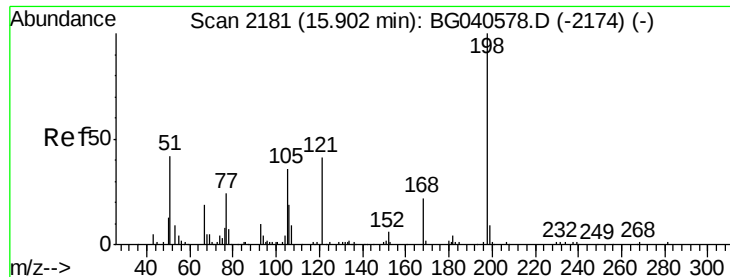
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Tgt Ion: 188 Resp: 244474
Ion Ratio Lower Upper
188 100
94 5.9 5.6 8.4
80 7.8 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: 45.296 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

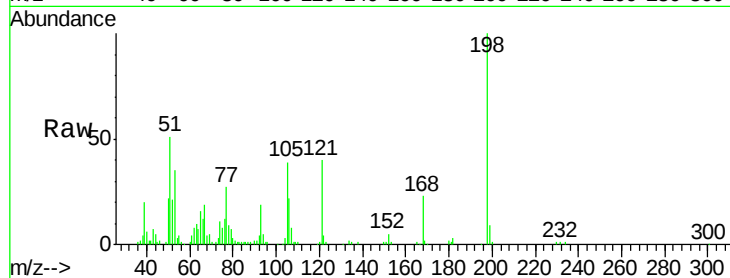
Tot Ion:198 Resp: 53997

Ion	Ratio	Lower	Upper
198	100		
51	50.8	35.9	75.9
105	38.9	21.2	61.2

198 100

51 50.8 35.9 75.9

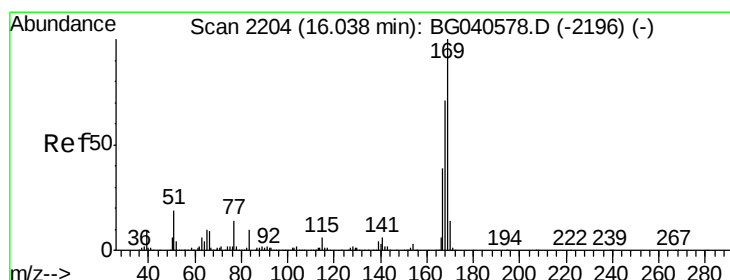
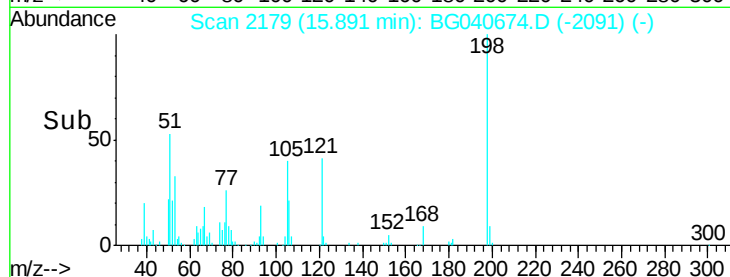
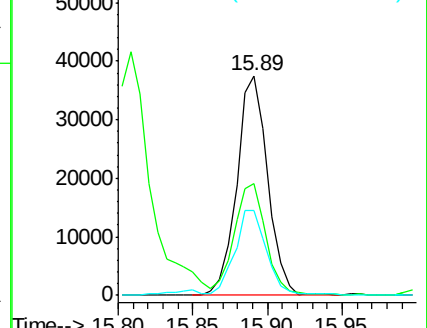
105 38.9 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.055 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

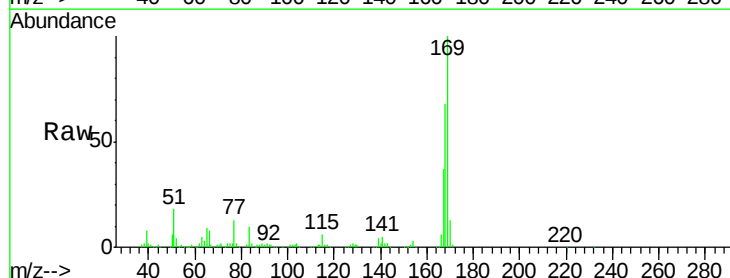
Tgt Ion:169 Resp: 288100

Ion	Ratio	Lower	Upper
169	100		
168	67.6	56.8	85.2
167	36.9	31.4	47.0

169 100

168 67.6 56.8 85.2

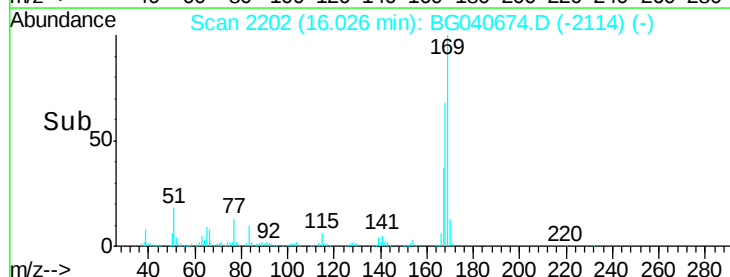
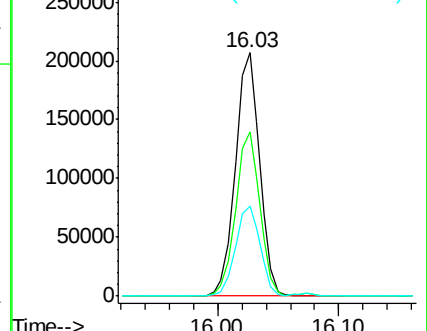
167 36.9 31.4 47.0

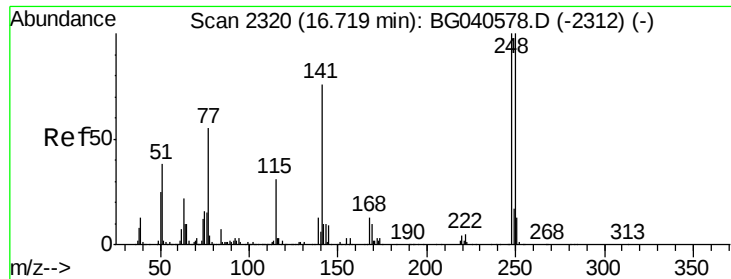


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

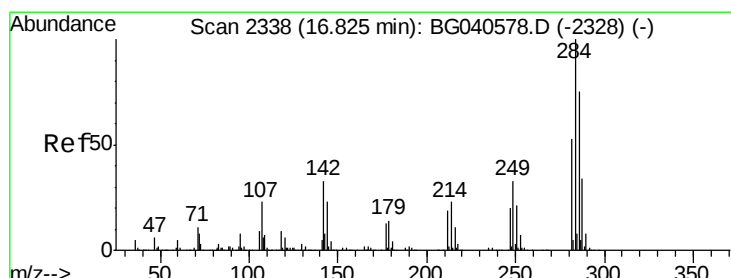
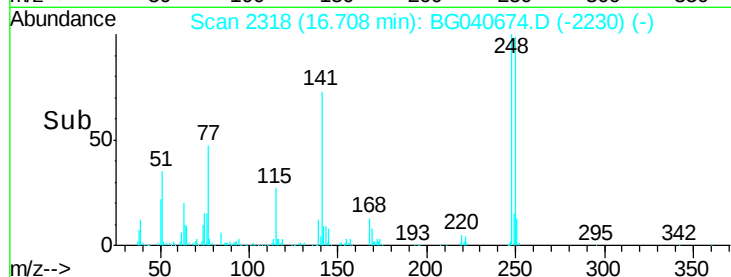
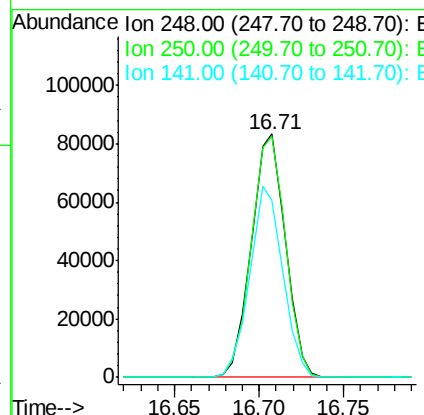
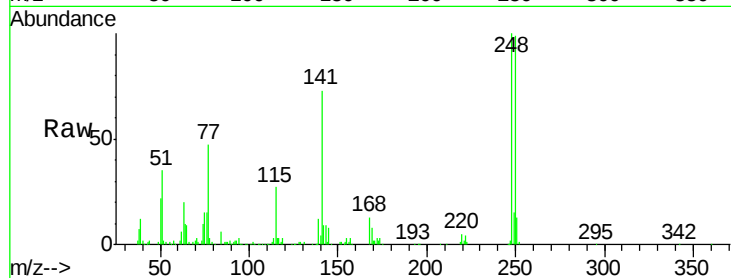




#67
 4-Bromophenyl-phenylether
 Concen: 38.485 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

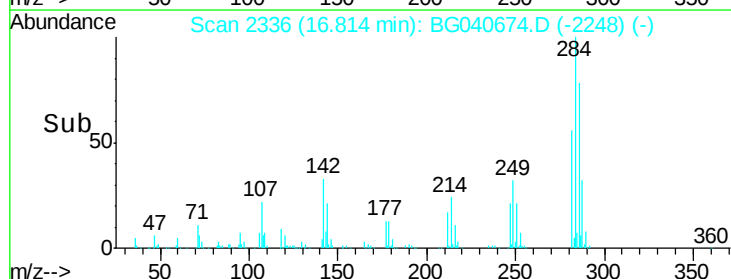
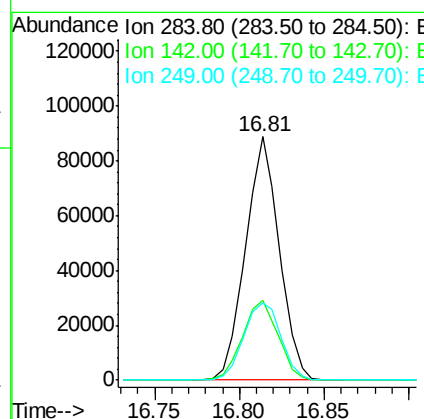
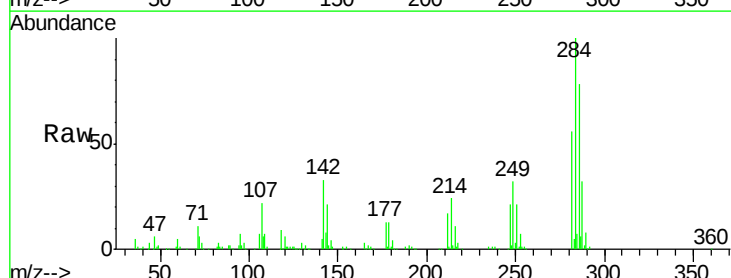
Instrument :
 BNA_G
 ClientSampleId :

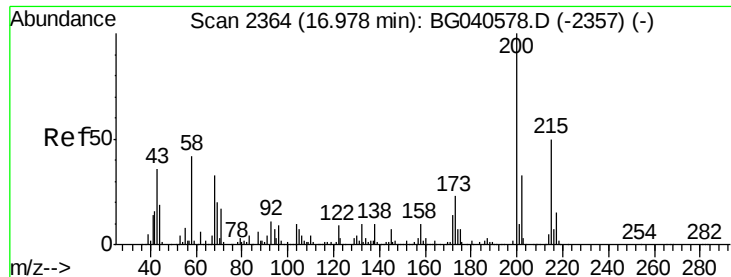
Tot Ion:248 Resp: 117219
 Ion Ratio Lower Upper
 248 100
 250 99.2 79.8 119.6
 141 72.7 60.8 91.2



#68
 Hexachlorobenzene
 Concen: 39.253 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.01 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

Tgt Ion:284 Resp: 123624
 Ion Ratio Lower Upper
 284 100
 142 32.9 26.6 40.0
 249 31.9 26.0 39.0

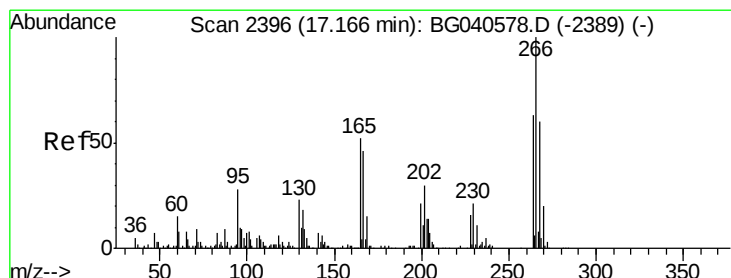
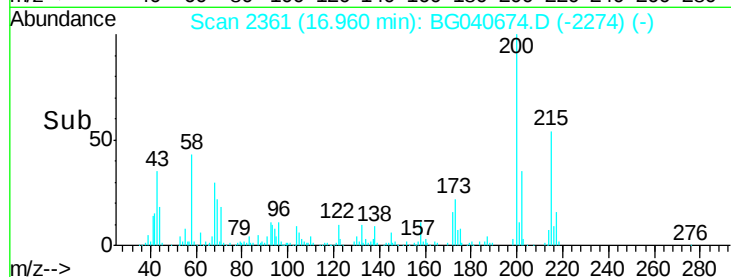
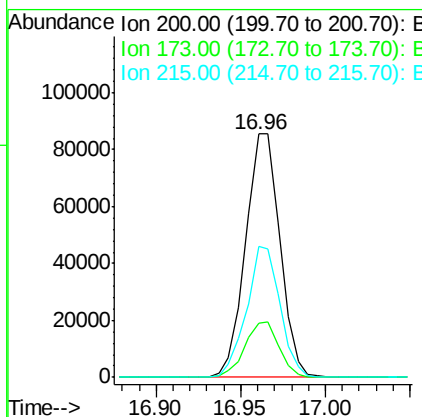
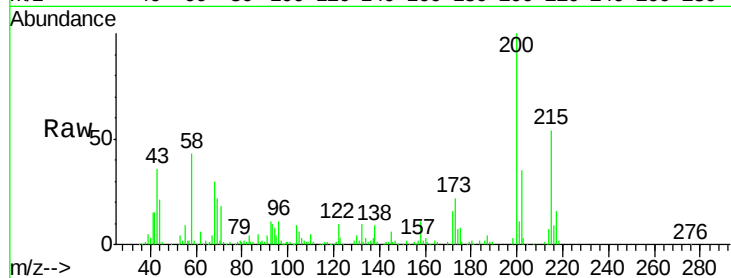




#69
 Atrazine
 Concen: 42.637 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

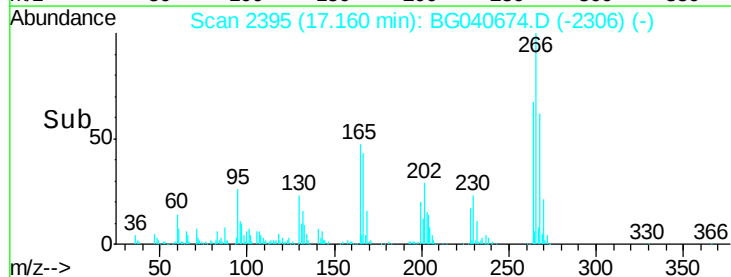
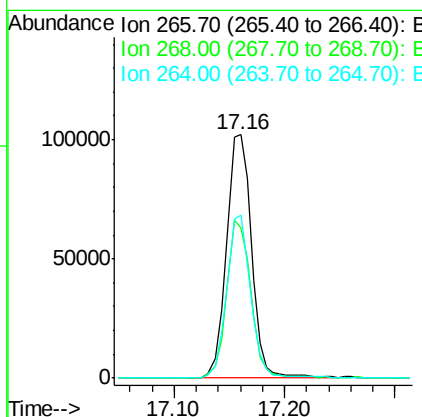
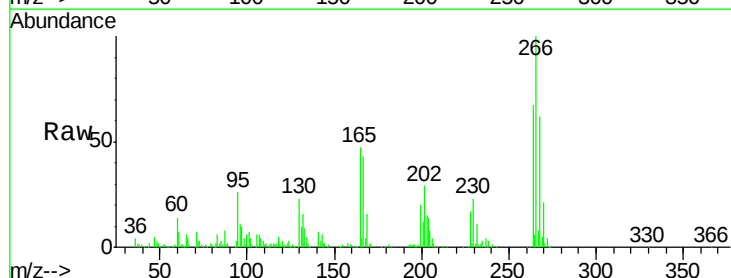
Instrument :
 BNA_G
 ClientSampleId :

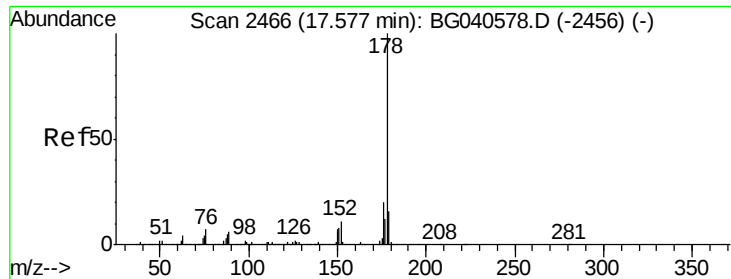
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.1	2.8	42.8
215	53.8	30.2	70.2



#70
 Pentachlorophenol
 Concen: 88.584 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	52.3	78.5
264	66.7	50.0	75.0

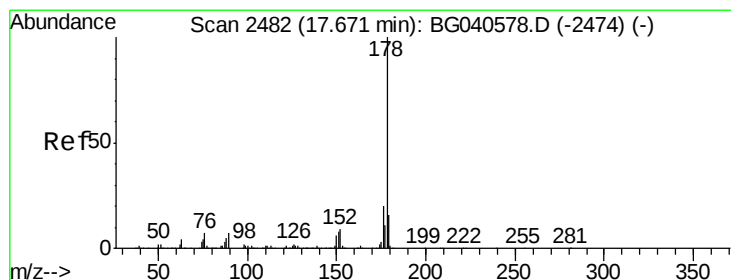
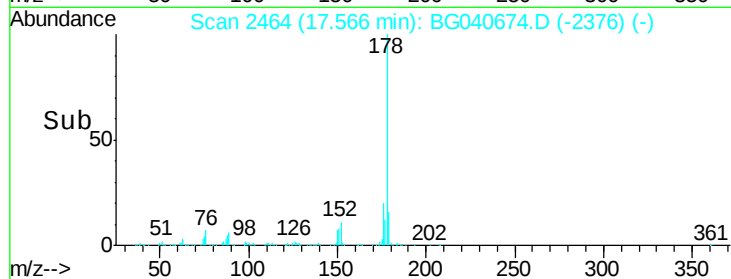
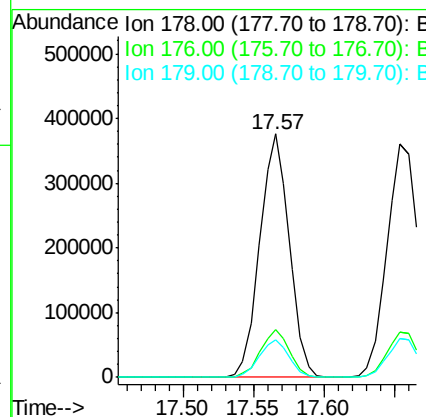
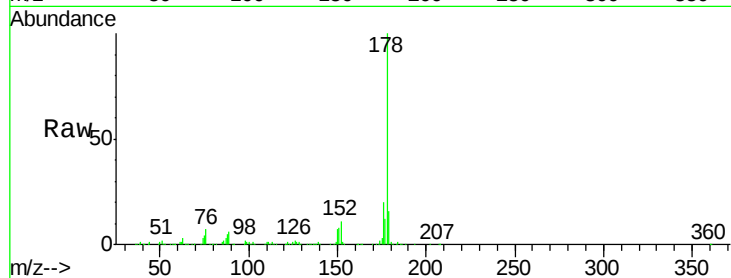




#71
Phenanthrene
Concen: 41.969 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

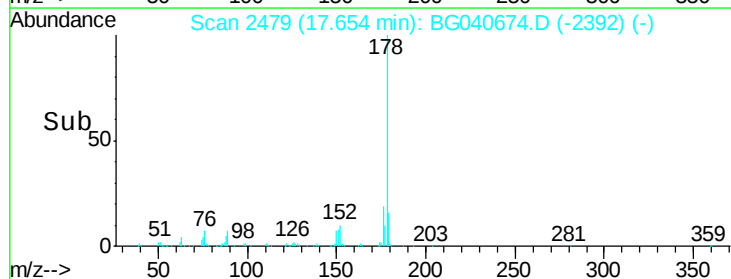
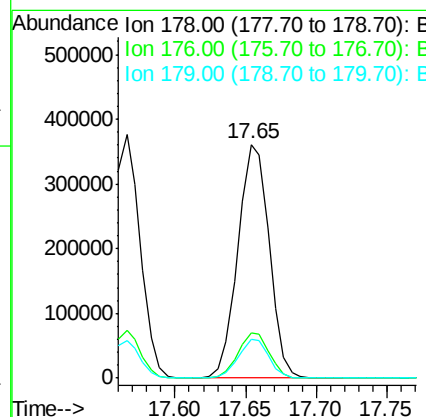
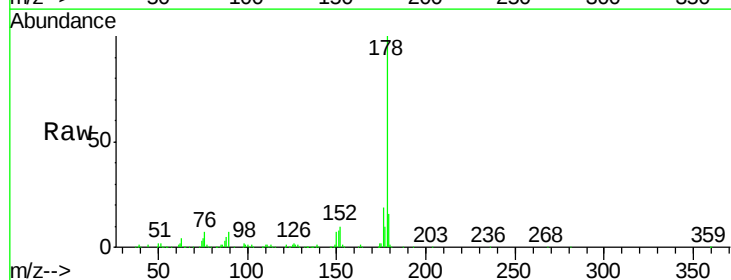
Instrument :
BNA_G
ClientSampleId :

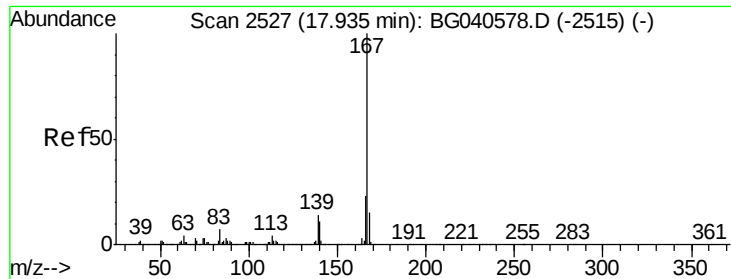
Tot Ion:178 Resp: 552646
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.6 12.6 18.8



#72
Anthracene
Concen: 42.170 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Tgt Ion:178 Resp: 558161
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.4 12.9 19.3

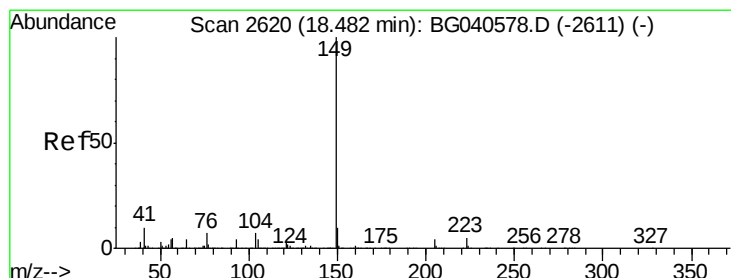
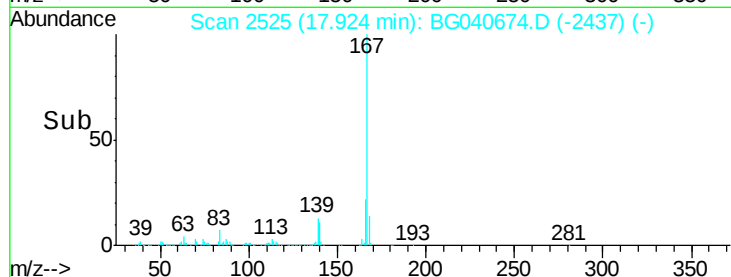
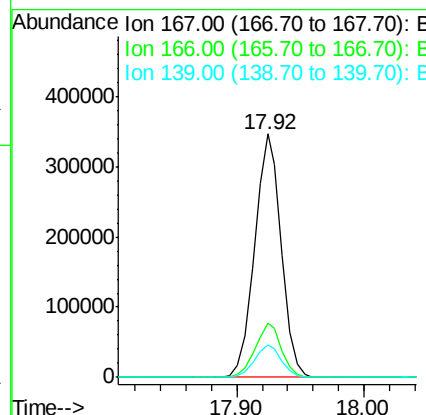
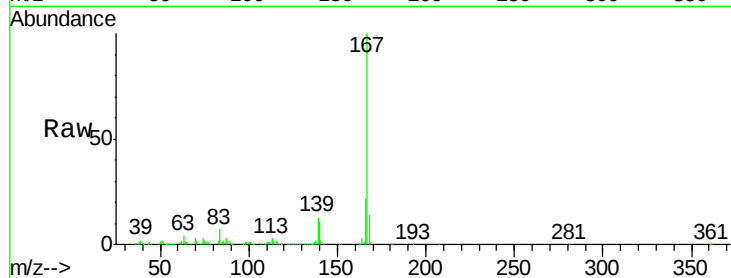




#73
 Carbazole
 Concen: 41.667 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

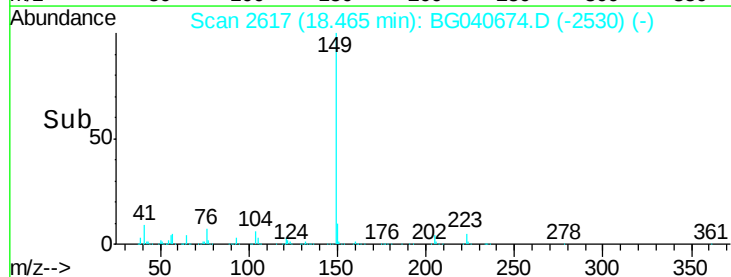
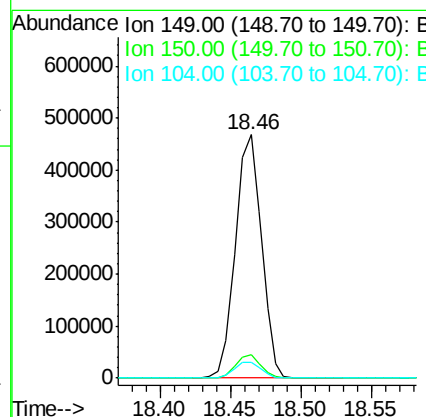
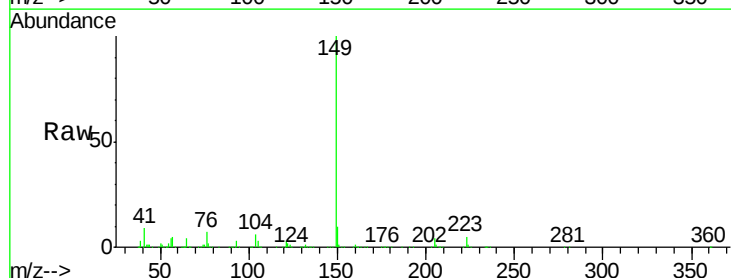
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	13.4	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 41.373 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BG040674.D
 Acq: 30 Apr 2019 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	6.4	5.4	8.2





#75

Fluoranthene

Concen: 44.577 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040674.D

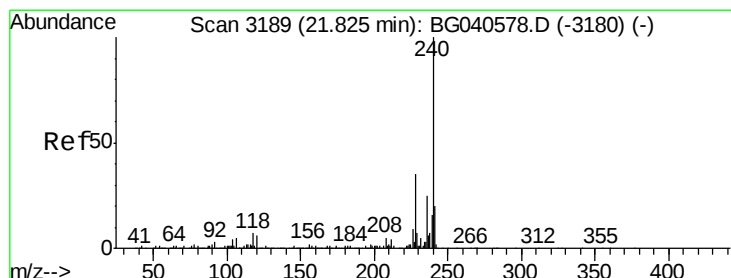
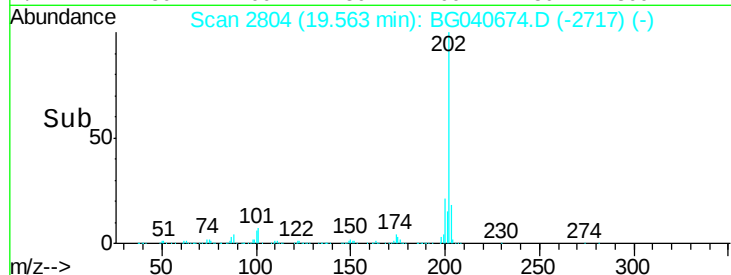
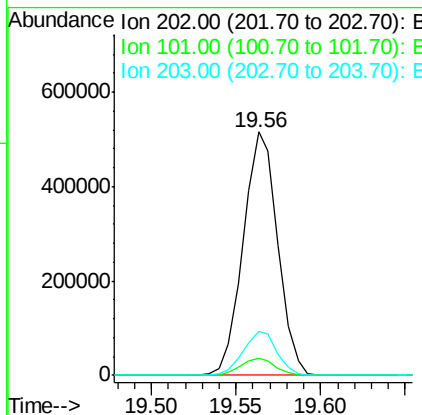
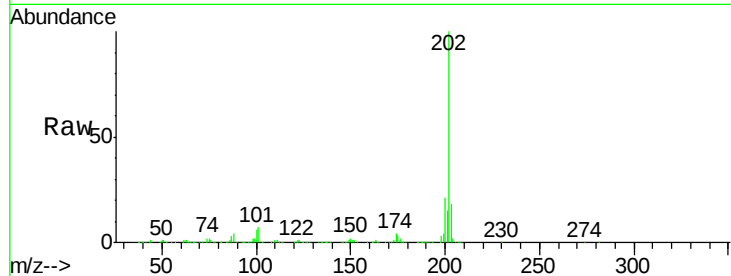
Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	731486
Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	27.5
203	18.0	0.0	39.3



#76

Chrysene-d12

Concen: 20.000 ng

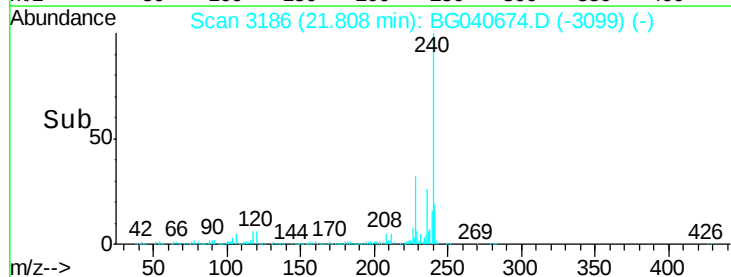
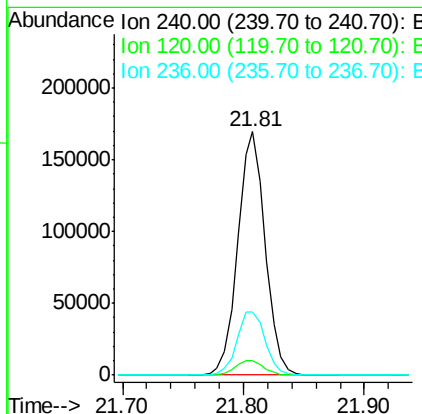
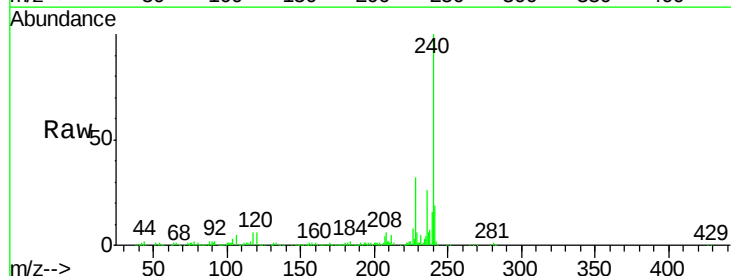
RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Tgt Ion:	240	Resp:	267782
Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.0	7.6
236	26.2	20.3	30.5





#77

Benzidine

Concen: 35.274 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

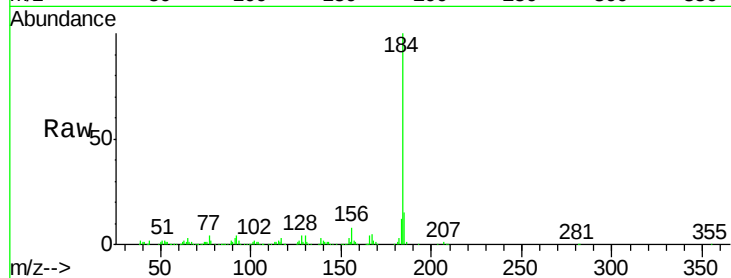
Tot Ion:184 Resp: 258626

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.8

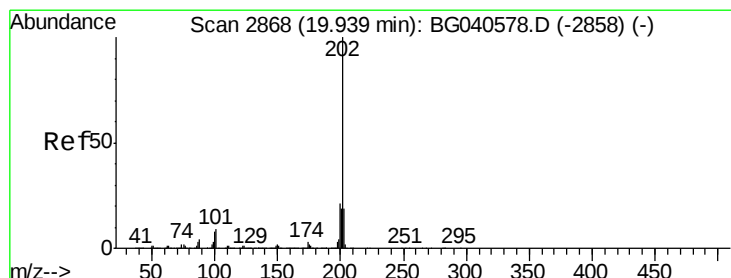
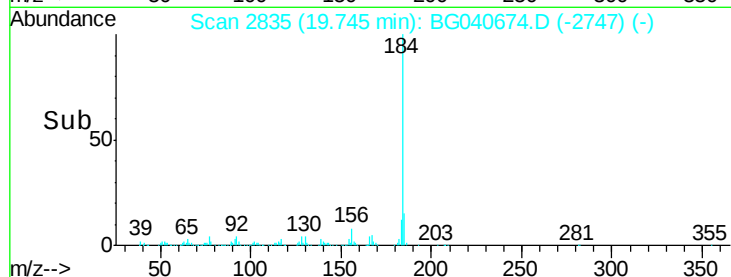
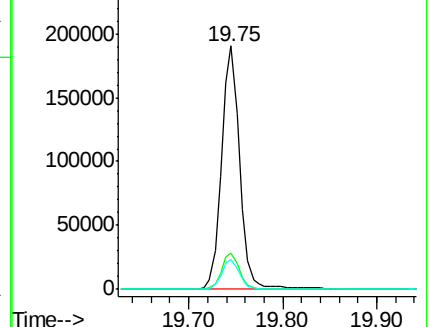
183 12.3 10.2 15.2



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: 43.857 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

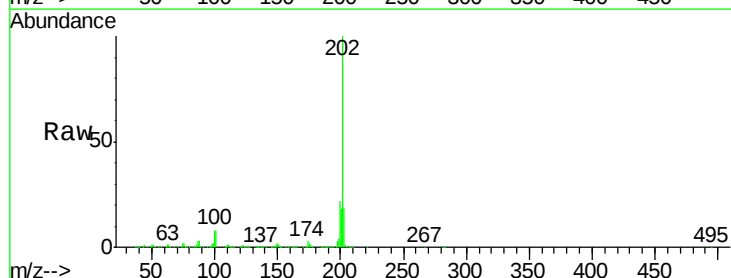
Tgt Ion:202 Resp: 736063

Ion Ratio Lower Upper

202 100

200 22.2 17.2 25.8

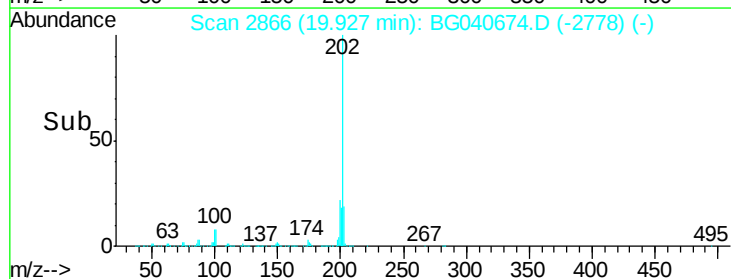
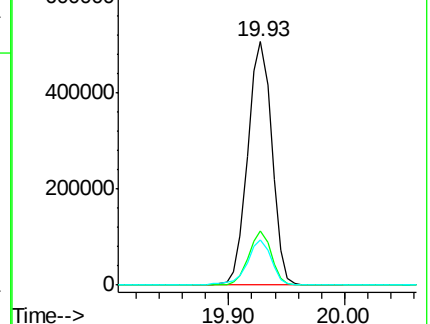
203 18.7 15.0 22.4

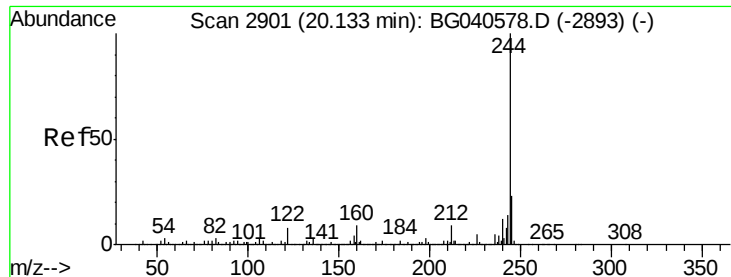


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.286 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampled :

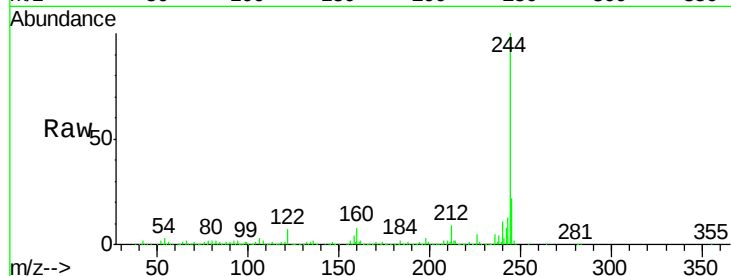
Tot Ion:244 Resp: 982516

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

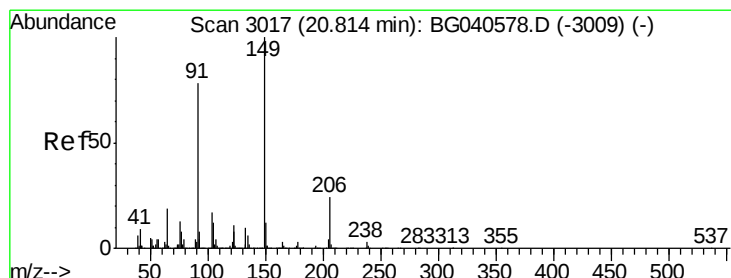
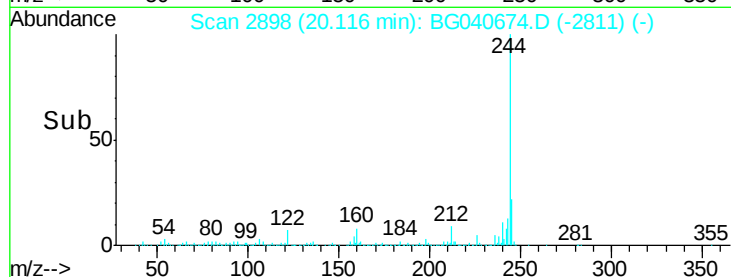
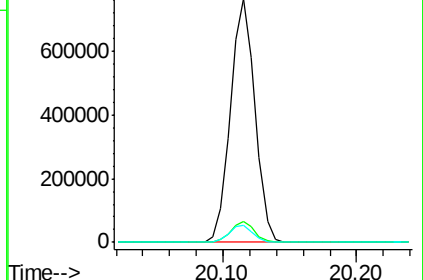
122 7.0 6.6 10.0



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: 41.336 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

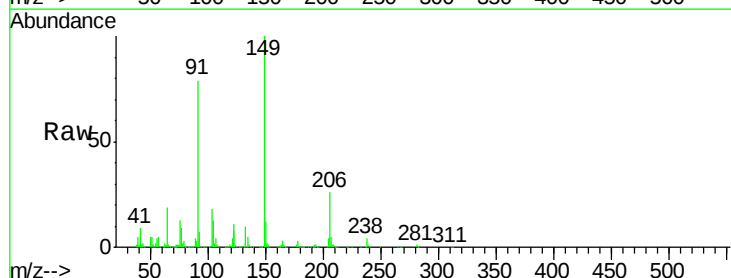
Tgt Ion:149 Resp: 270393

Ion Ratio Lower Upper

149 100

91 78.6 62.6 93.8

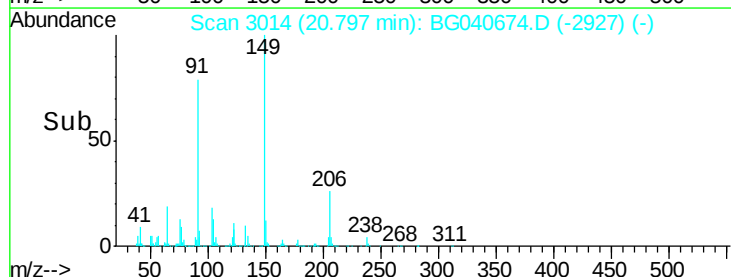
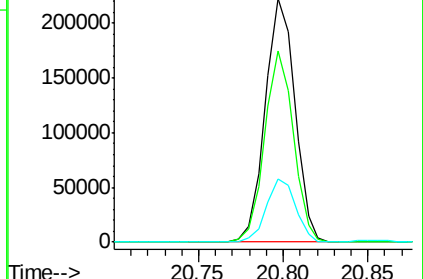
206 25.7 19.4 29.2

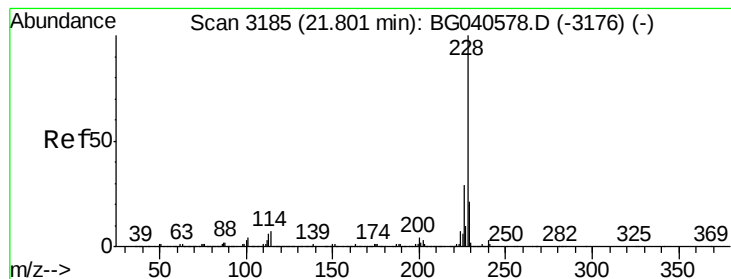


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.965 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

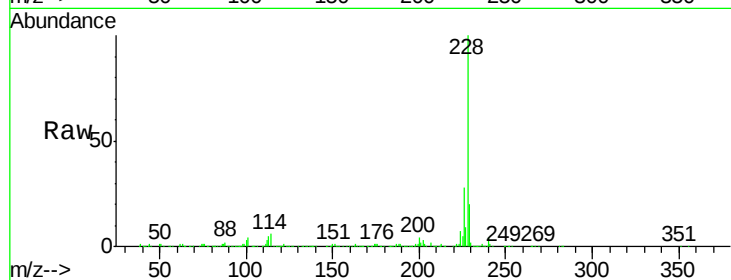
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 693289

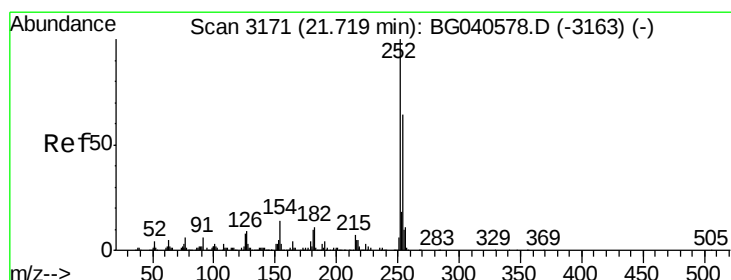
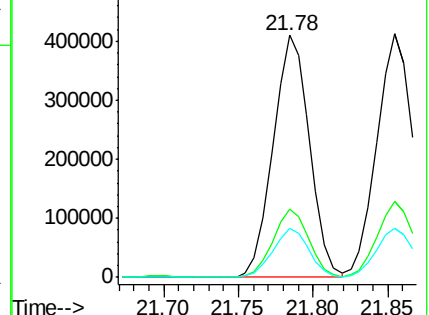
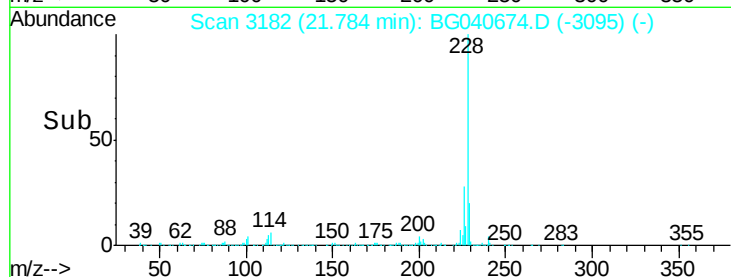
Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.1	34.7
229	20.4	17.0	25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.382 ng

RT: 21.70 min Scan# 3167

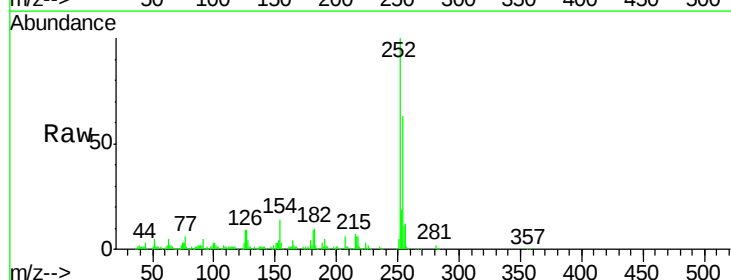
Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Tgt Ion:252 Resp: 165171

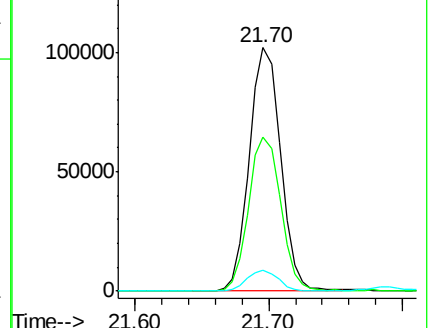
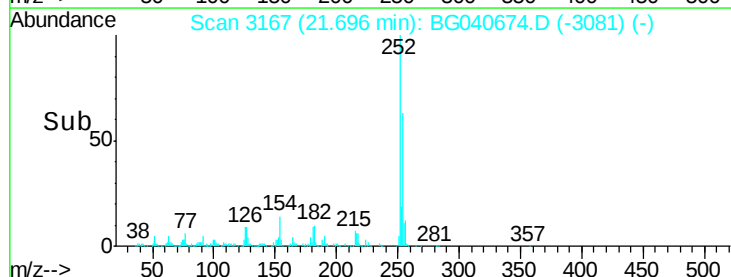
Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.2	76.8
126	8.6	6.6	10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.324 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

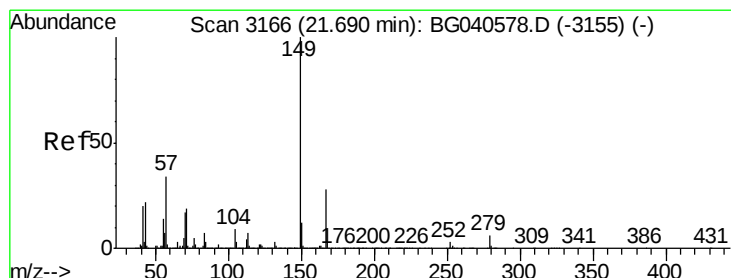
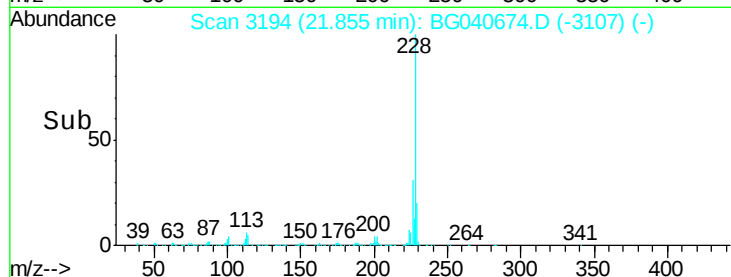
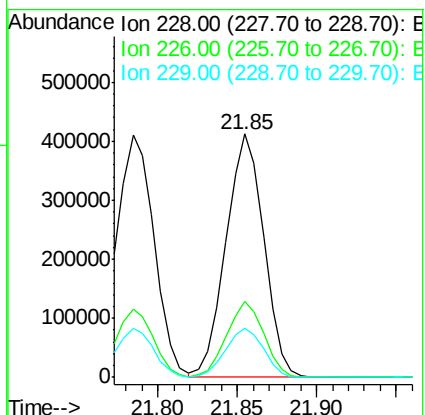
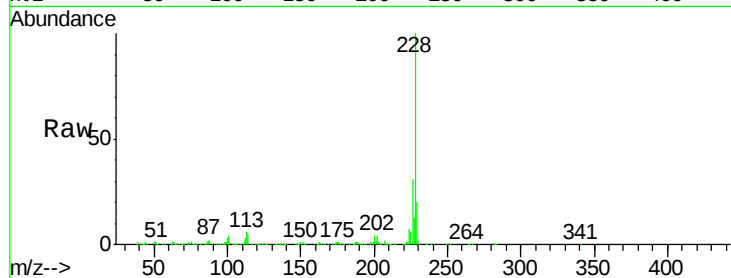
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 681223

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.5	38.3
229	20.1	16.8	25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.912 ng

RT: 21.67 min Scan# 3162

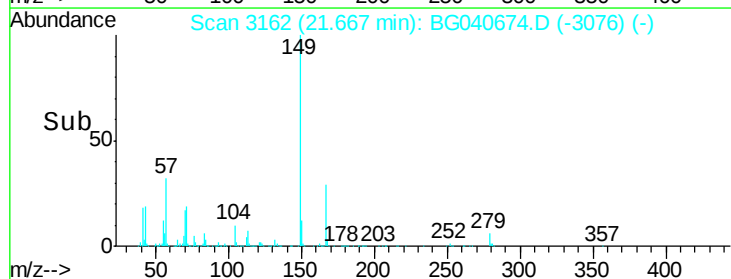
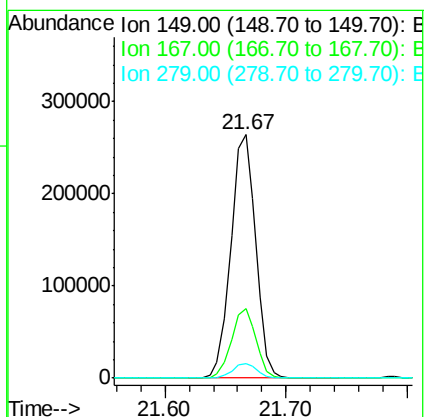
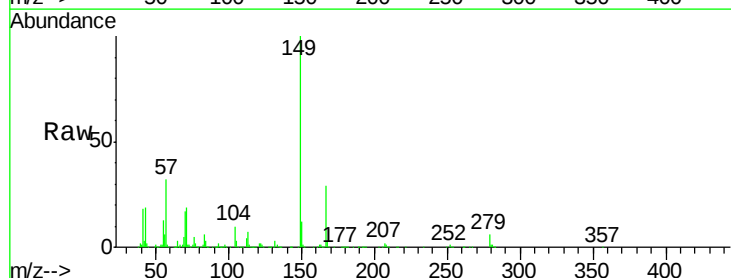
Delta R.T. -0.02 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Tgt Ion:149 Resp: 376875

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.4	33.6
279	6.2	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 40.331 ng

RT: 22.92 min Scan# 3376

Delta R.T. -0.04 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Instrument :

BNA_G

ClientSampleId :

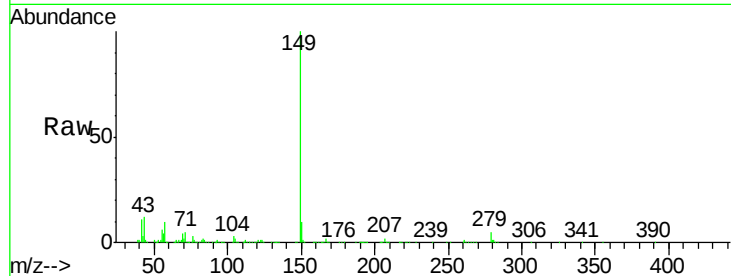
Tot Ion:149 Resp: 641357

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

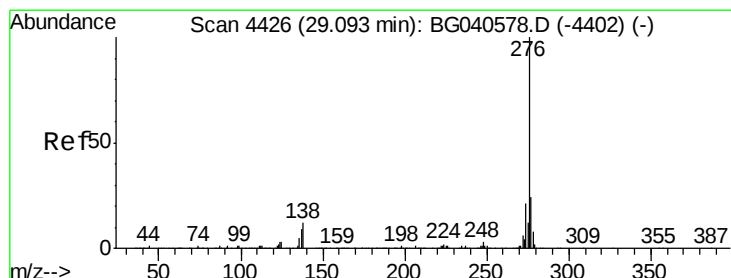
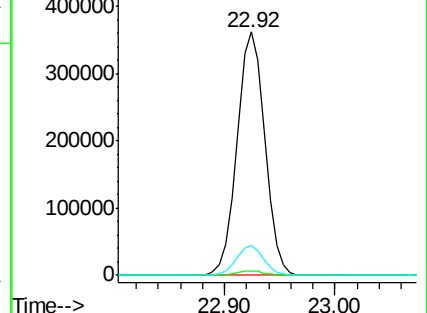
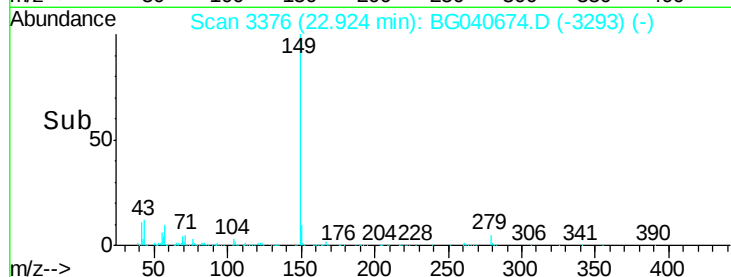
43 11.8 10.2 15.2



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.462 ng

RT: 29.03 min Scan# 4415

Delta R.T. -0.06 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

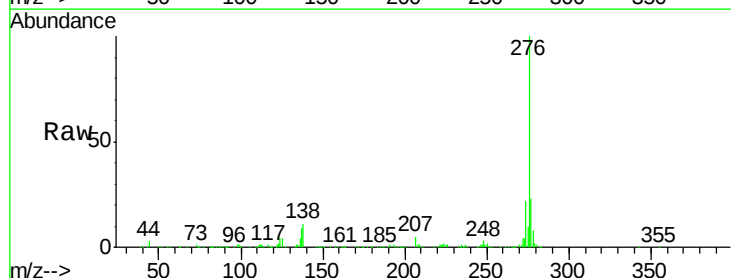
Tgt Ion:276 Resp: 787392

Ion Ratio Lower Upper

276 100

138 4.9 9.8 14.6#

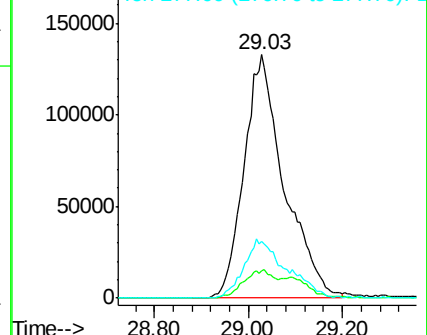
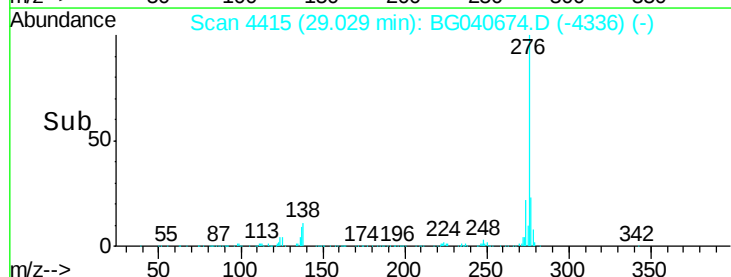
277 25.5 17.3 25.9

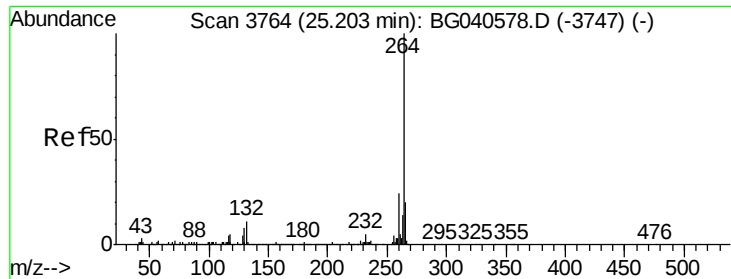


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

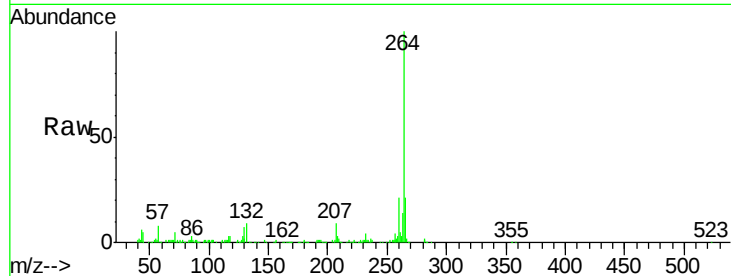
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 263457

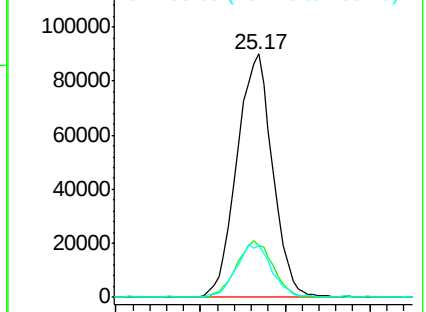
Ion	Ratio	Lower	Upper
264	100		
260	21.1	19.2	28.8
265	21.0	16.6	25.0



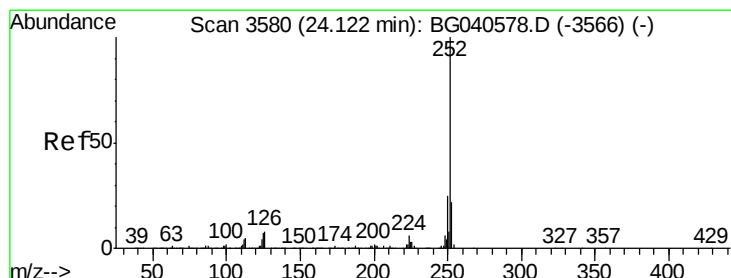
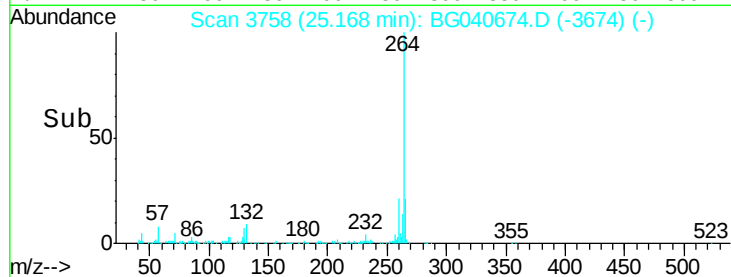
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 25.00 25.10 25.20 25.30



#88

Benzo(b)fluoranthene

Concen: 42.806 ng

RT: 24.09 min Scan# 3574

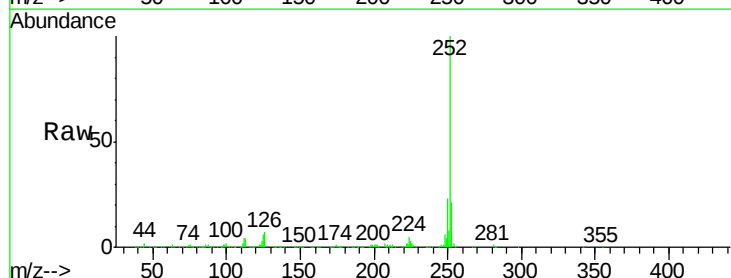
Delta R.T. -0.03 min

Lab File: BG040674.D

Acq: 30 Apr 2019 16:32

Tgt Ion:252 Resp: 689153

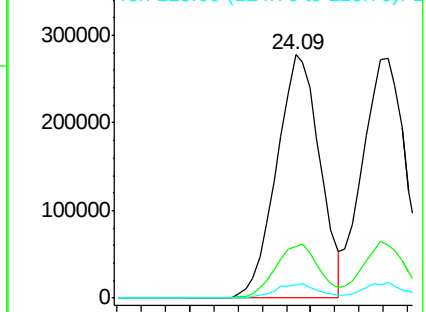
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	5.6	5.4	8.0



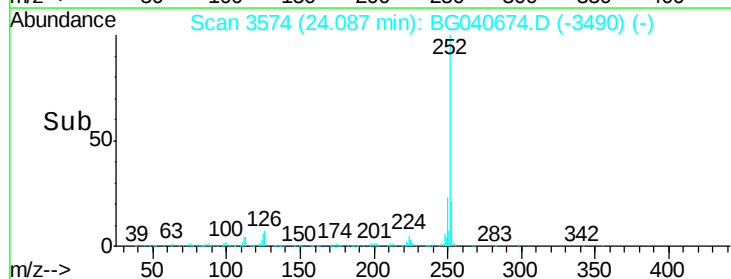
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 24.00 24.10

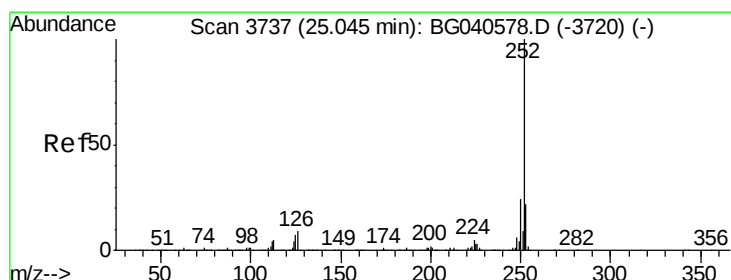
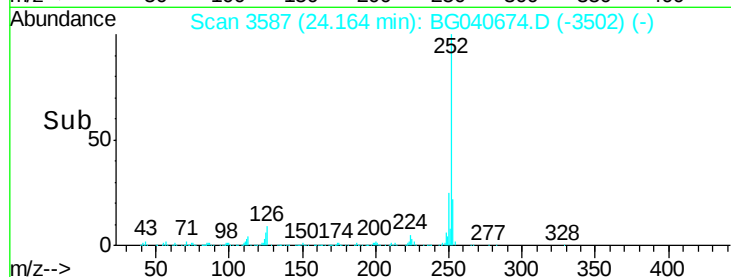
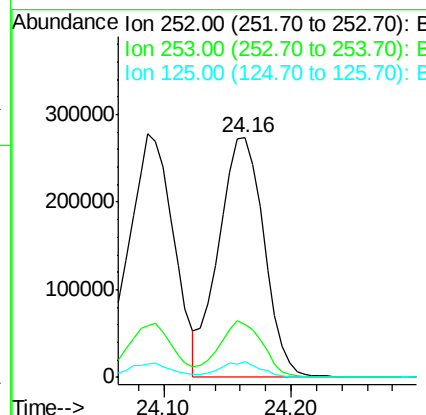
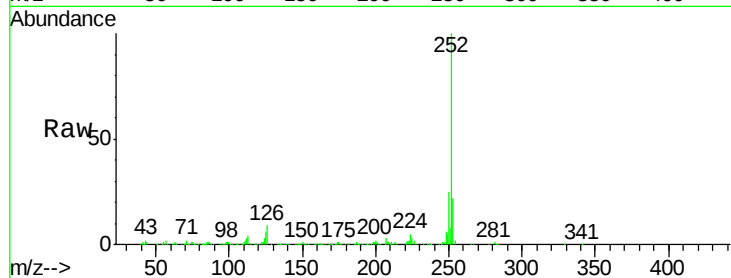




#89
Benzo(k)fluoranthene
Concen: 45.124 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

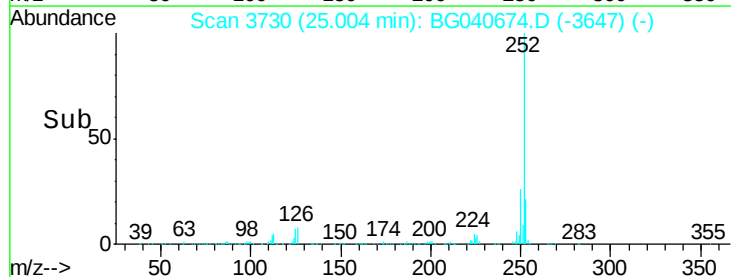
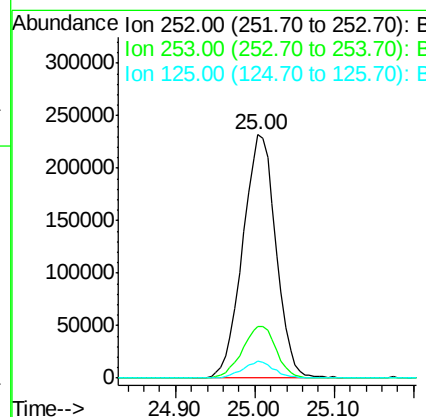
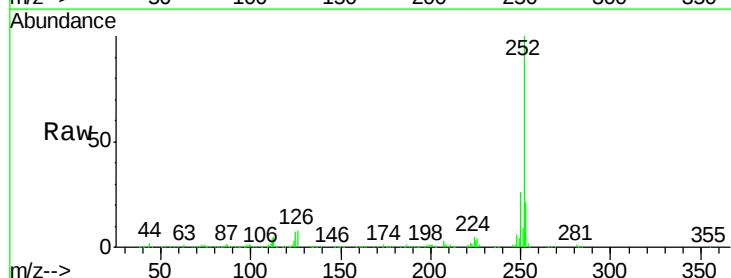
Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 678456
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 6.4 5.5 8.3



#90
Benzo(a)pyrene
Concen: 44.233 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Tgt Ion:252 Resp: 674082
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 7.2 5.7 8.5

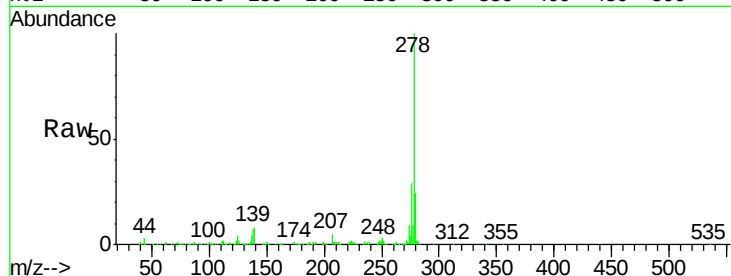




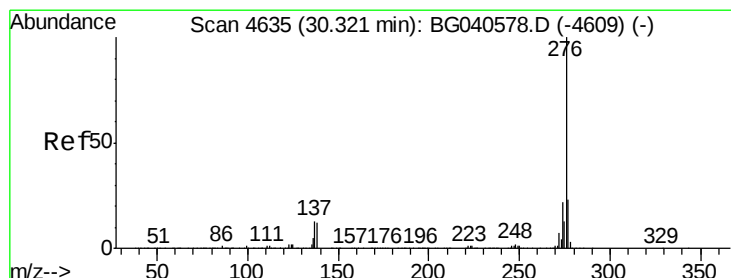
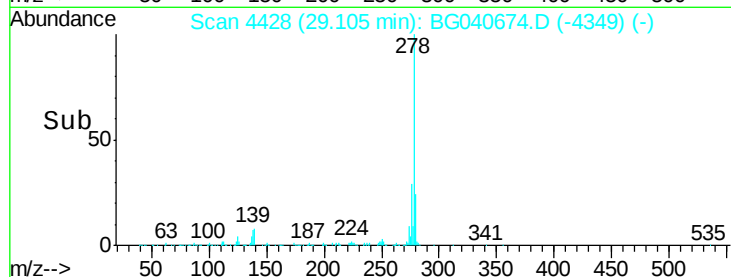
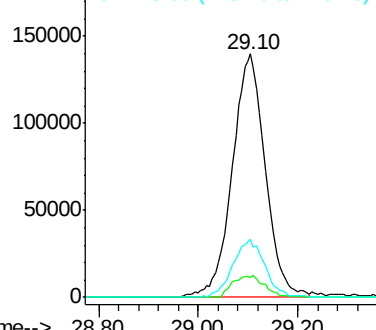
#91
Dibenzo(a,h)anthracene
Concen: 41.703 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.06 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 643133
Ion Ratio Lower Upper
278 100
139 8.3 8.2 12.4
279 23.6 18.5 27.7

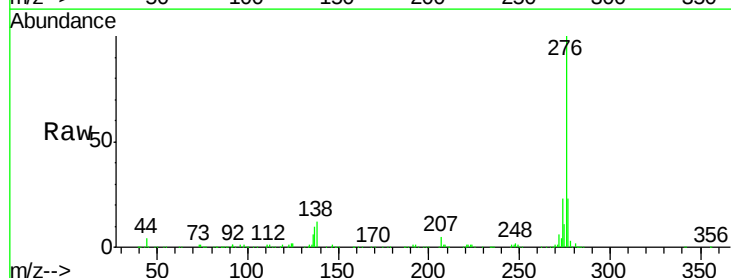


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.154 ng
RT: 30.24 min Scan# 4622
Delta R.T. -0.08 min
Lab File: BG040674.D
Acq: 30 Apr 2019 16:32

Tgt Ion:276 Resp: 646995
Ion Ratio Lower Upper
276 100
277 22.9 18.4 27.6
138 11.8 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

