

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062816\
 Data File : BG022674.D
 Acq On : 28 Jun 2016 13:46
 Operator : UM/SJ
 Sample : H3731-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 28 14:42:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	121594	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	522274	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	376844	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1026348	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1187822	20.00	ng	0.00
86) Perylene-d12	25.21	264	1189414	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	997772	131.62	ng	0.00
7) Phenol-d6	7.31	99	1395937	130.64	ng	0.00
23) Nitrobenzene-d5	9.33	82	1076210	87.21	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	913980	154.20	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2098965	88.33	ng	0.00
78) Terphenyl-d14	20.16	244	3319271	74.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	105821	34.44	ng	# 83
3) Pyridine	4.00	79	151681	17.65	ng	# 89
4) n-Nitrosodimethylamine	3.90	42	88411	17.98	ng	# 92
6) Aniline	7.48	93	152097	10.74	ng	88
8) 2-Chlorophenol	7.72	128	177965	22.66	ng	94
9) Benzaldehyde	7.29	77	135589	36.06	ng	91
10) Phenol	7.33	94	247555	21.92	ng	88
11) bis(2-Chloroethyl)ether	7.57	93	193338	20.80	ng	99
12) 1,3-Dichlorobenzene	8.05	146	183973	19.25	ng	91
13) 1,4-Dichlorobenzene	8.20	146	181529	18.95	ng	94
14) 1,2-Dichlorobenzene	8.52	146	181231	19.89	ng	93
15) Benzyl Alcohol	8.40	79	240311	24.31	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	210715	20.49	ng	92
17) 2-Methylphenol	8.60	107	170686	22.93	ng	95
18) Hexachloroethane	9.25	117	73740	18.60	ng	91
19) n-Nitroso-di-n-propylamine	8.96	70	192224	21.60	ng	# 92
20) 3+4-Methylphenols	8.93	107	242125	23.61	ng	95
22) Acetophenone	8.98	105	319988	21.19	ng	# 93
24) Nitrobenzene	9.38	77	289207	21.21	ng	94
25) Isophorone	9.89	82	504507	21.06	ng	98
26) 2-Nitrophenol	10.09	139	110038	22.40	ng	89
27) 2,4-Dimethylphenol	10.14	122	196262	20.91	ng	88
28) bis(2-Chloroethoxy)methane	10.38	93	281373	21.51	ng	100
29) 2,4-Dichlorophenol	10.62	162	211615	23.14	ng	92
30) 1,2,4-Trichlorobenzene	10.84	180	218384	20.11	ng	97
31) Naphthalene	11.03	128	611251	23.28	ng	98
32) Benzoic acid	10.23	122	122569	22.96	ng	99
33) 4-Chloroaniline	11.14	127	25514	2.26	ng	95
34) Hexachlorobutadiene	11.32	225	166446	19.72	ng	95
35) Caprolactam	11.90	113	36302	12.60	ng	# 87
36) 4-Chloro-3-methylphenol	12.25	107	276184	24.60	ng	97
37) 2-Methylnaphthalene	12.63	142	434201	21.33	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	288280	20.26	ng	99
40) Hexachlorocyclopentadiene	12.97	237	546172	48.09	ng	97

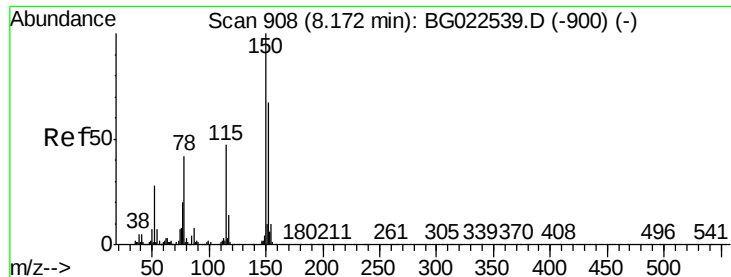
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062816\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	213794	23.43	ng	95
43) 2,4,5-Trichlorophenol	13.30	196	236291	24.75	ng	90
45) 1,1'-Biphenyl	13.63	154	613946	21.39	ng	99
46) 2-Chloronaphthalene	13.68	162	502307	21.26	ng	98
47) 2-Nitroaniline	13.87	65	220434	24.18	ng	96
48) Acenaphthylene	14.52	152	760332	22.19	ng	99
49) Dimethylphthalate	14.24	163	739396	23.65	ng	98
50) 2,6-Dinitrotoluene	14.37	165	167592	24.67	ng	# 81
51) Acenaphthene	14.86	154	518278	20.53	ng	96
52) 3-Nitroaniline	14.69	138	65906	10.37	ng	96
53) 2,4-Dinitrophenol	14.90	184	325111	77.70	ng	88
54) Dibenzofuran	15.19	168	867878	23.74	ng	95
55) 4-Nitrophenol	14.99	139	380957	70.88	ng	98
56) 2,4-Dinitrotoluene	15.15	165	253897	26.98	ng	96
57) Fluorene	15.85	166	696711	23.88	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.34	232	252747	25.54	ng	92
59) Diethylphthalate	15.61	149	759051	23.62	ng	99
60) 4-Chlorophenyl-phenylether	15.83	204	398228	22.93	ng	97
61) 4-Nitroaniline	15.86	138	153540	23.41	ng	# 81
62) Azobenzene	16.13	77	795866	22.87	ng	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	153253	22.26	ng	99
65) n-Nitrosodiphenylamine	16.05	169	663228	22.21	ng	97
66) 4-Bromophenyl-phenylether	16.73	248	281392	21.13	ng	91
67) Hexachlorobenzene	16.86	284	313278	22.25	ng	92
68) Atrazine	17.00	200	190412	15.10	ng	99
69) Pentachlorophenol	17.20	266	628803	64.90	ng	99
70) Phenanthrene	17.60	178	1231589	23.53	ng	99
71) Anthracene	17.69	178	1244019	23.09	ng	97
72) Carbazole	17.96	167	1077364	23.59	ng	96
73) Di-n-butylphthalate	18.51	149	1331746	25.04	ng	95
74) Fluoranthene	19.60	202	1536528	25.48	ng	96
76) Benzidine	19.79	184	90189	7.13	ng	95
77) Pyrene	19.97	202	1547236	24.46	ng	96
79) Butylbenzylphthalate	20.84	149	614810	22.45	ng	93
80) Benzo(a)anthracene	21.83	228	1628412	24.78	ng	95
81) 3,3'-Dichlorobenzidine	21.74	252	221024	8.14	ng	92
82) Chrysene	21.90	228	1518738	24.59	ng	98
83) Bis(2-ethylhexyl)phthalate	21.72	149	837443	21.72	ng	99
84) Di-n-octyl phthalate	22.98	149	1417903	22.31	ng	96
85) Indeno(1,2,3-cd)pyrene	29.05	276	1731319	21.33	ng	# 100
87) Benzo(b)fluoranthene	24.13	252	1678258	23.47	ng	100
88) Benzo(k)fluoranthene	24.21	252	1647044	24.36	ng	100
89) Benzo(a)pyrene	25.04	252	1584020	22.72	ng	98
90) Dibenzo(a,h)anthracene	29.12	278	1394883	21.25	ng	# 95
91) Benzo(g,h,i)perylene	30.24	276	1367718	20.47	ng	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

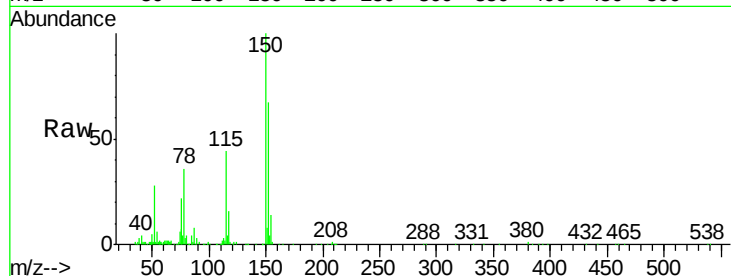
Tgt Ion:152 Resp: 121594

Ion Ratio Lower Upper

152 100

150 148.9 144.7 217.1

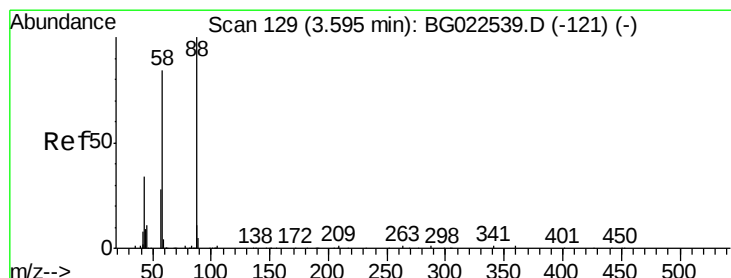
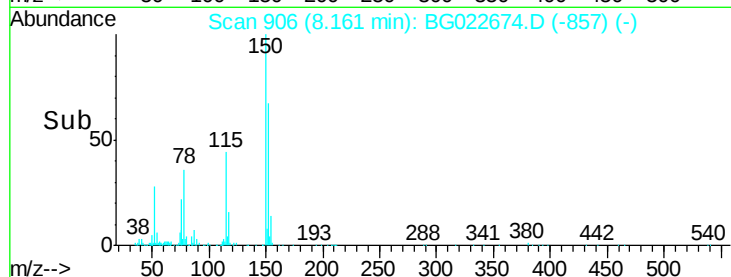
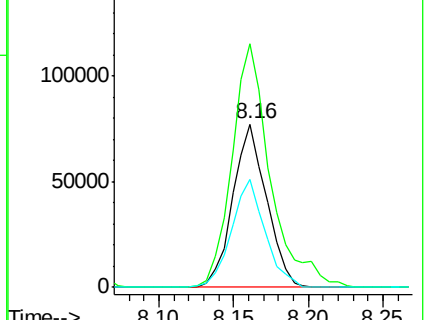
115 66.1 64.0 96.0



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: 34.44 ng

RT: 3.59 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

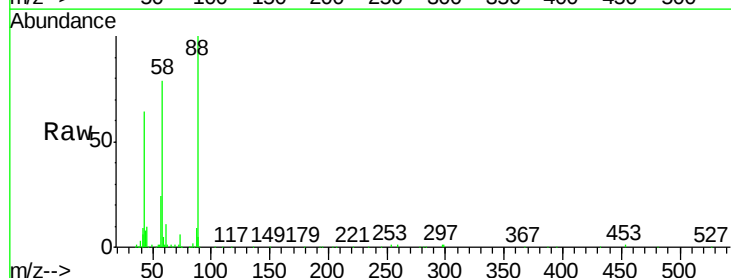
Tgt Ion: 88 Resp: 105821

Ion Ratio Lower Upper

88 100

58 74.9 60.4 90.6

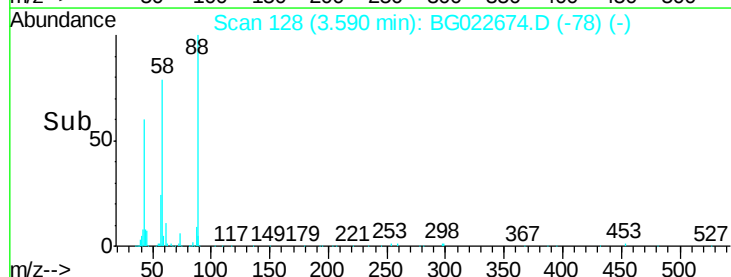
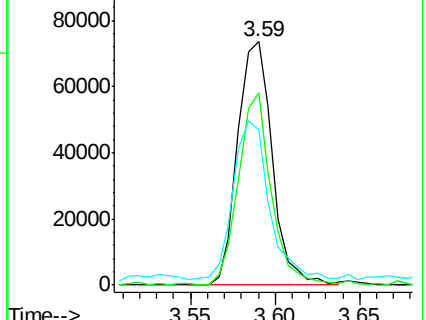
43 68.2 31.1 46.7#

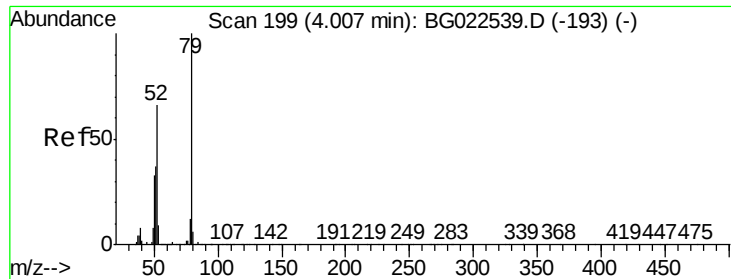


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 17.65 ng

RT: 4.00 min Scan# 197

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

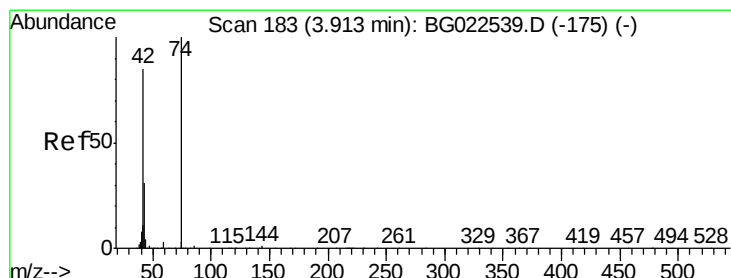
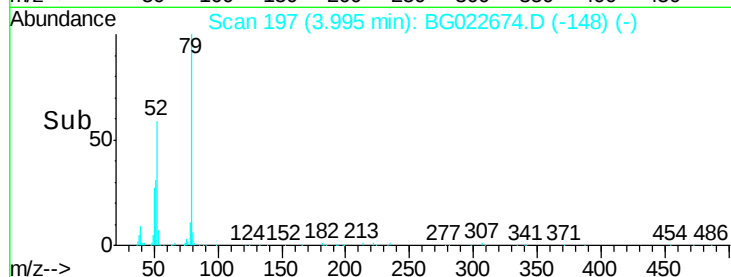
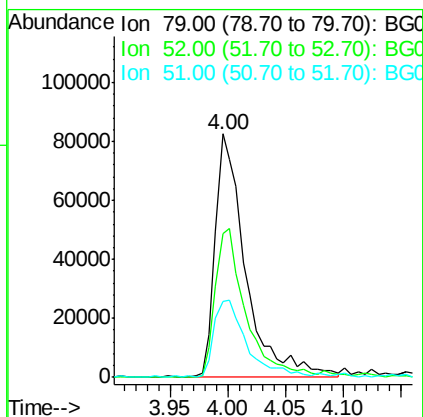
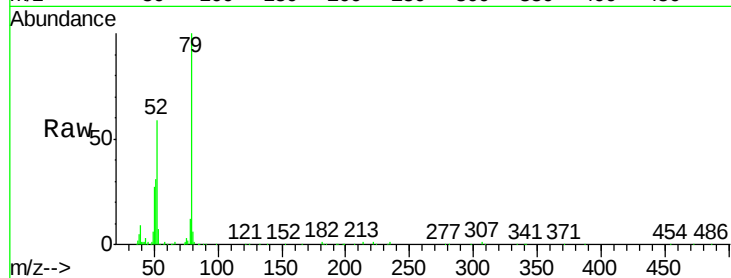
Tgt Ion: 79 Resp: 151681

Ion Ratio Lower Upper

79 100

52 58.8 51.8 77.8

51 30.9 32.7 49.1#



#4

n-Nitrosodimethylamine

Concen: 17.98 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.02 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

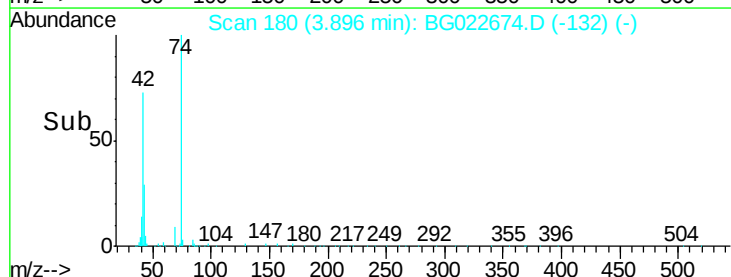
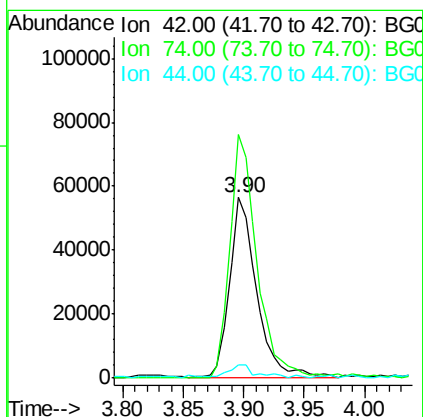
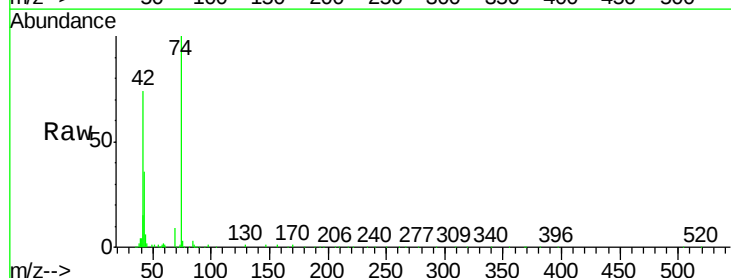
Tgt Ion: 42 Resp: 88411

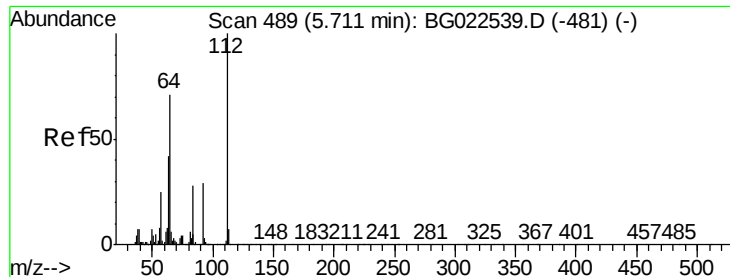
Ion Ratio Lower Upper

42 100

74 134.7 100.6 150.8

44 7.5 4.5 6.7#





#5

2-Fluorophenol

Concen: 131.62 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

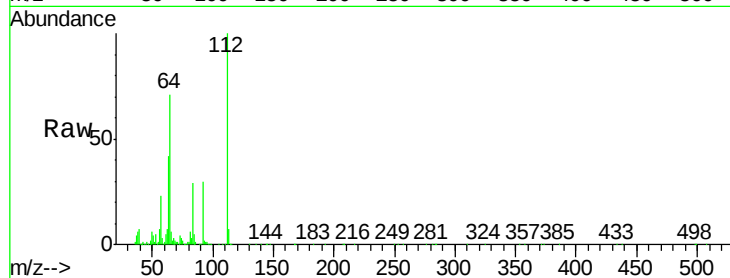
Tgt Ion: 112 Resp: 997772

Ion Ratio Lower Upper

112 100

64 71.3 59.0 88.4

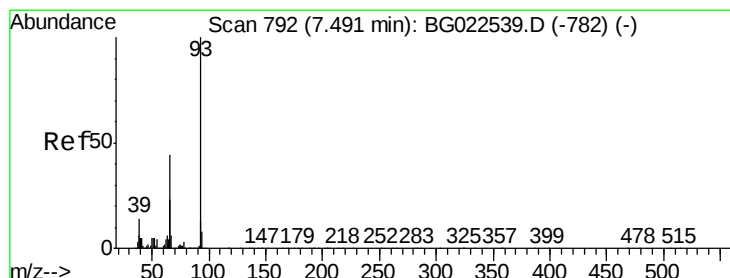
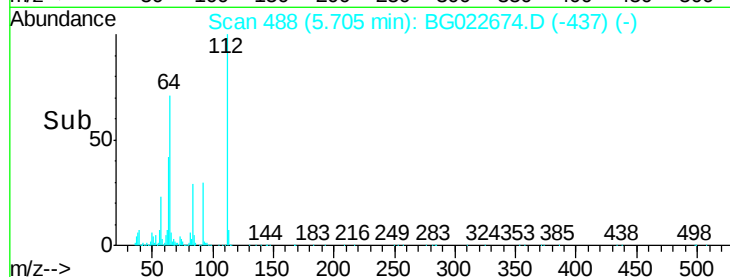
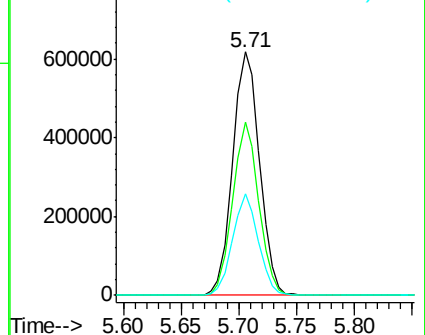
63 41.8 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 10.74 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

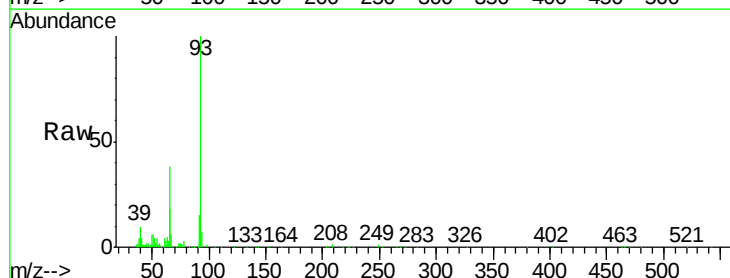
Tgt Ion: 93 Resp: 152097

Ion Ratio Lower Upper

93 100

66 38.1 37.5 56.3

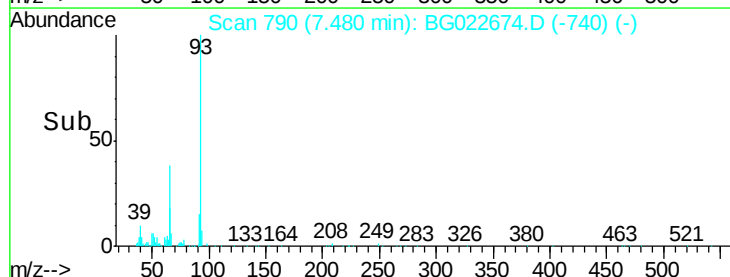
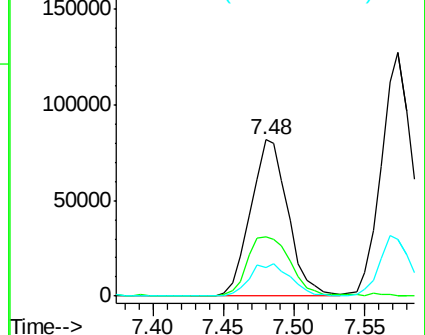
65 18.2 17.9 26.9



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: 130.64 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

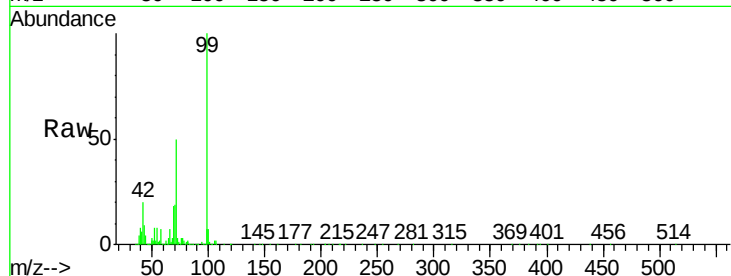
Tgt Ion: 99 Resp: 1395937

Ion Ratio Lower Upper

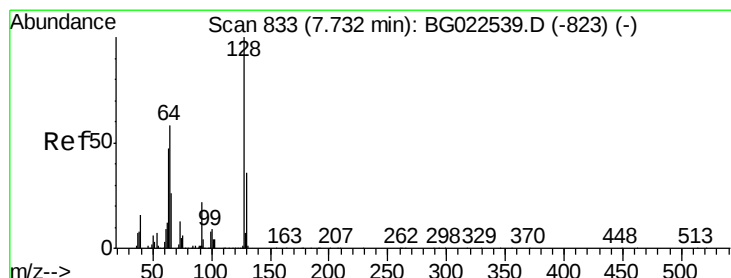
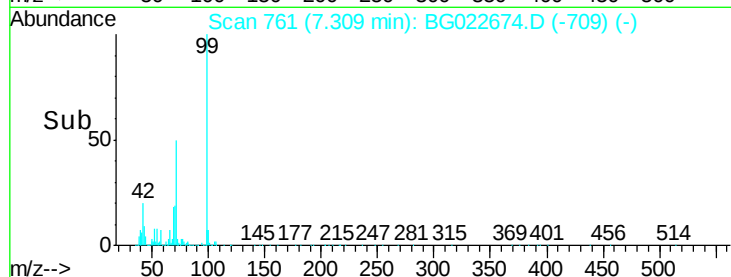
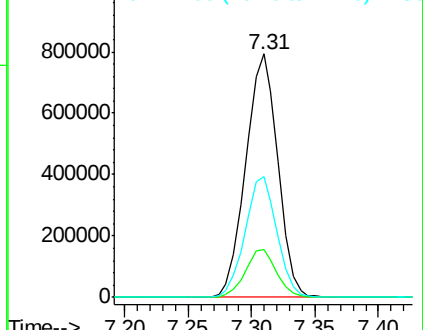
99 100

42 19.9 17.8 26.6

71 49.8 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 22.66 ng

RT: 7.72 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

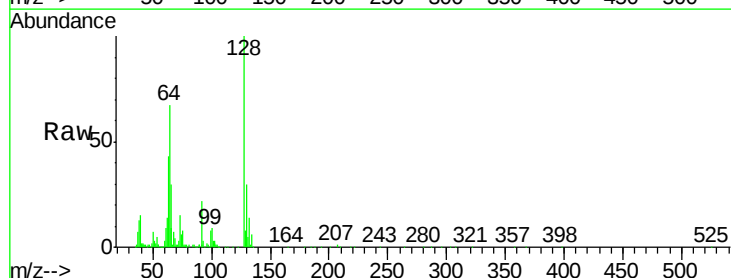
Tgt Ion: 128 Resp: 177965

Ion Ratio Lower Upper

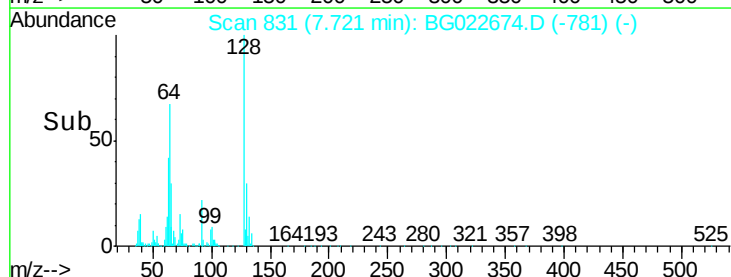
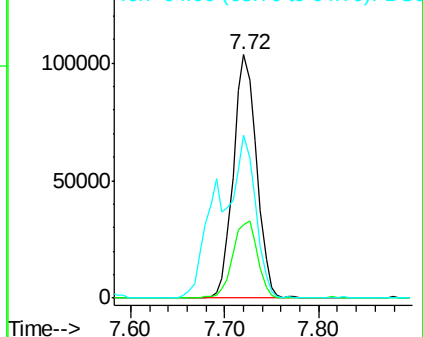
128 100

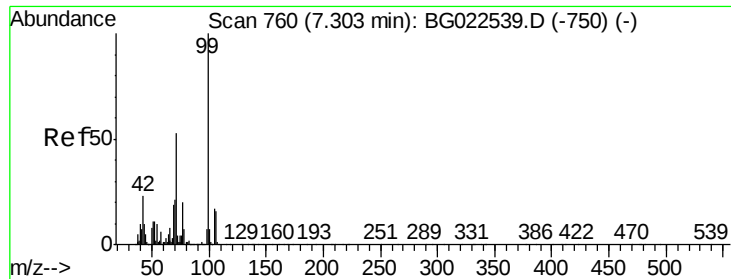
130 30.0 12.9 52.9

64 67.0 42.0 82.0



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





#9

Benzaldehyde

Concen: 36.06 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

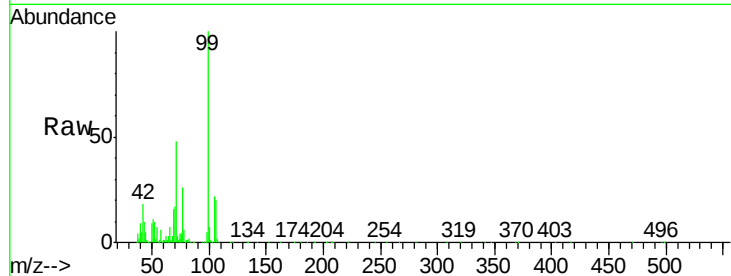
Tgt Ion: 77 Resp: 135589

Ion Ratio Lower Upper

77 100

105 87.3 58.7 98.7

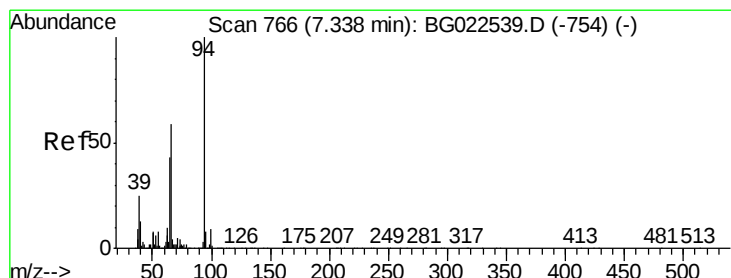
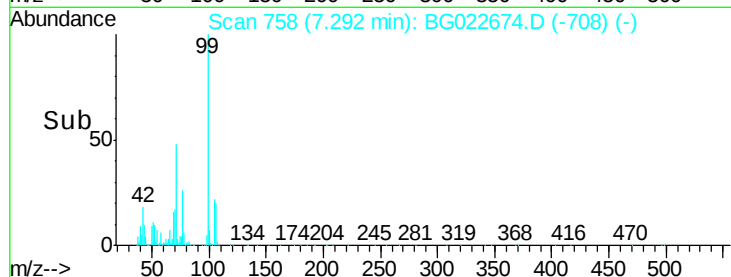
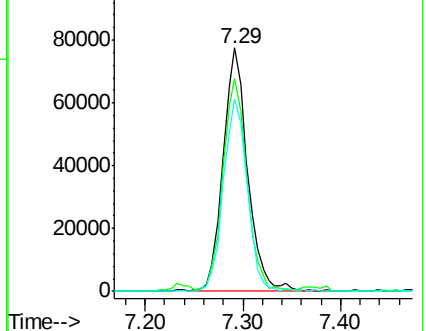
106 79.3 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 21.92 ng

RT: 7.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

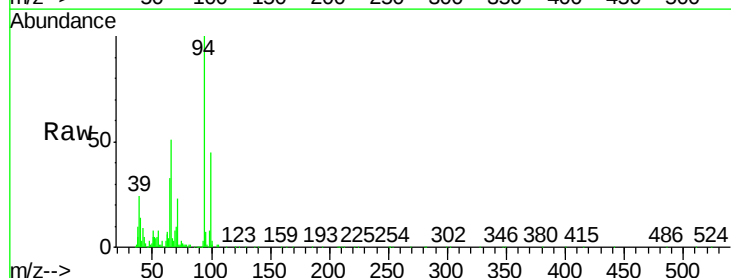
Tgt Ion: 94 Resp: 247555

Ion Ratio Lower Upper

94 100

65 33.0 18.1 58.1

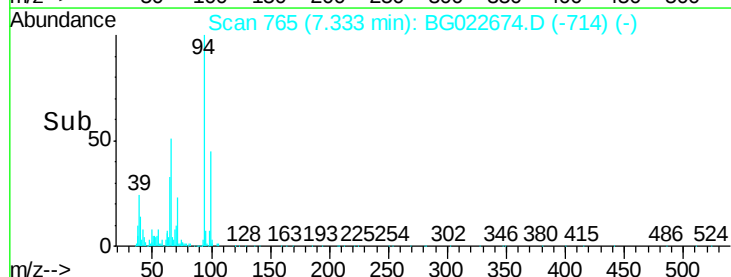
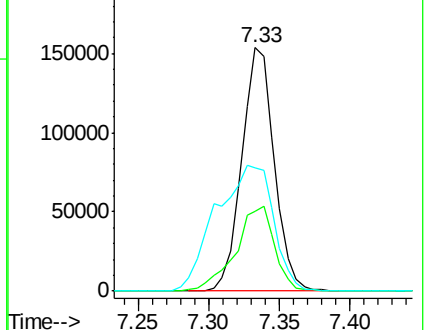
66 50.6 42.1 82.1

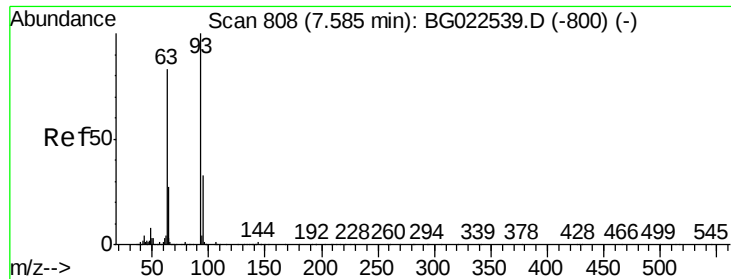


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

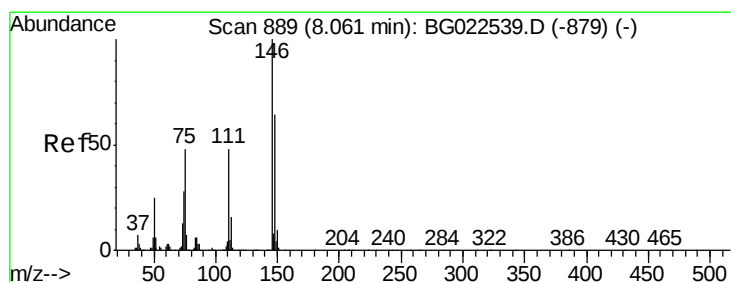
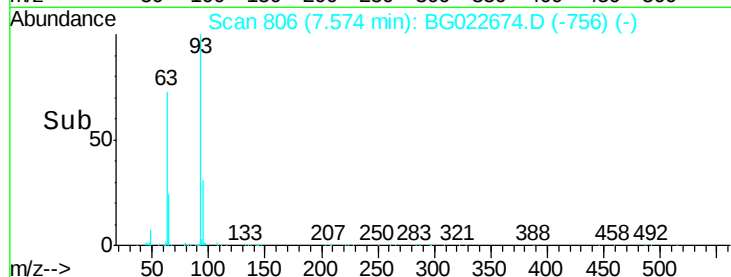
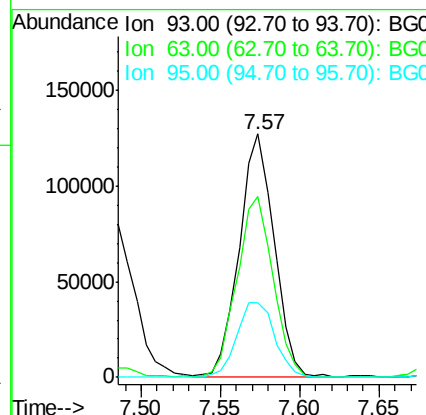
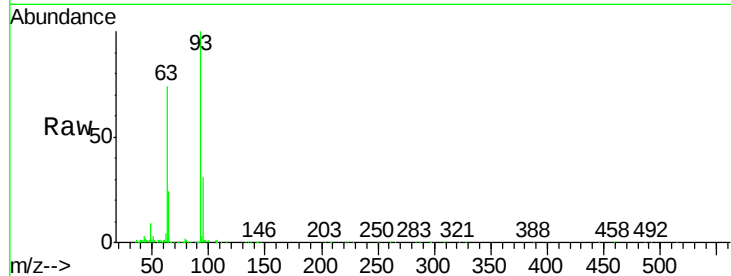




#11
bis(2-Chloroethyl)ether
Concen: 20.80 ng
RT: 7.57 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

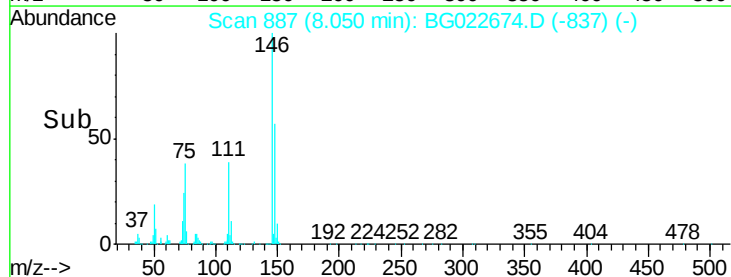
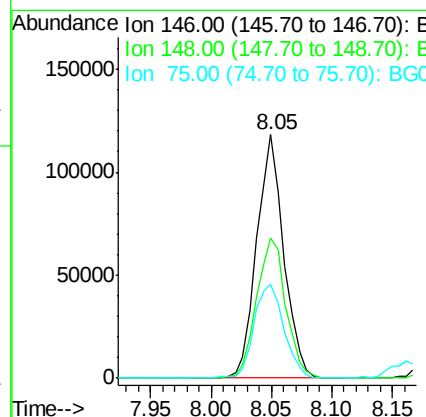
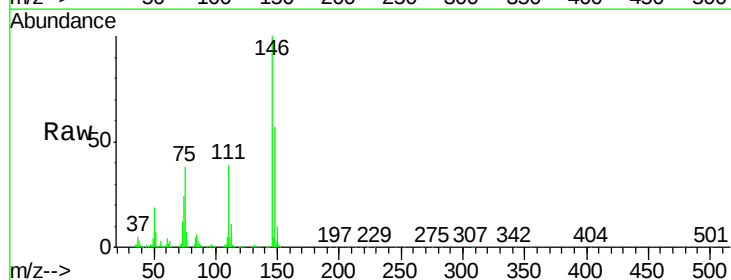
Instrument :
BNA_G
ClientSampleId :

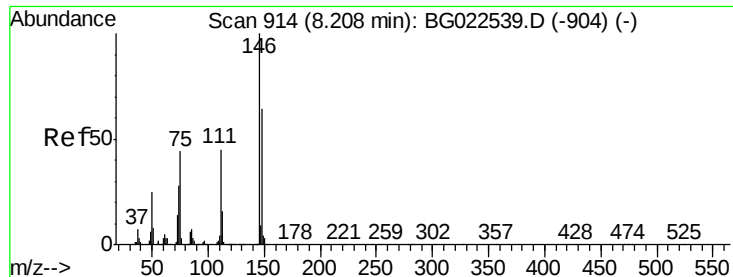
Tgt Ion: 93 Resp: 193338
Ion Ratio Lower Upper
93 100
63 74.2 55.0 95.0
95 30.7 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 19.25 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion: 146 Resp: 183973
Ion Ratio Lower Upper
146 100
148 57.4 50.3 75.5
75 38.4 37.0 55.6





#13

1,4-Dichlorobenzene

Concen: 18.95 ng

RT: 8.20 min Scan# 912

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

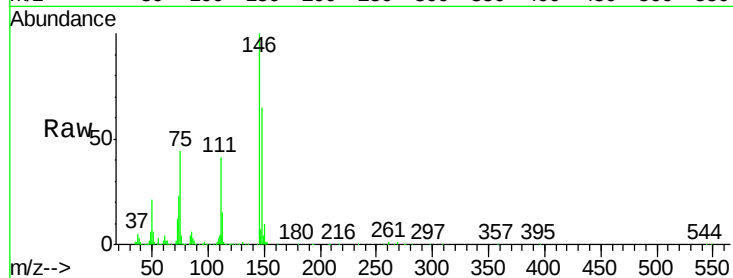
Tgt Ion:146 Resp: 181529

Ion Ratio Lower Upper

146 100

148 65.4 54.5 81.7

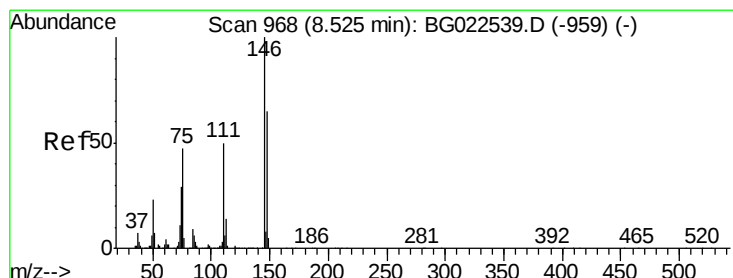
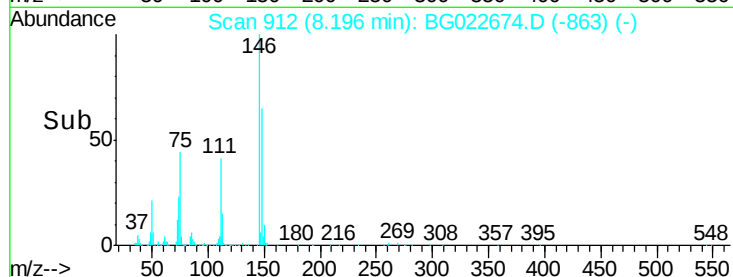
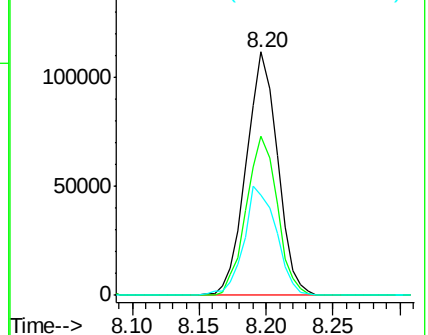
111 41.4 37.8 56.8



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: 19.89 ng

RT: 8.52 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

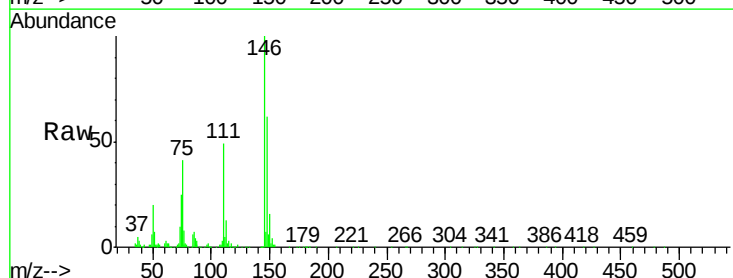
Tgt Ion:146 Resp: 181231

Ion Ratio Lower Upper

146 100

148 61.5 52.9 79.3

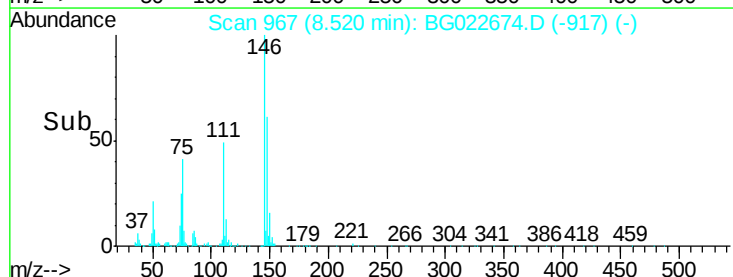
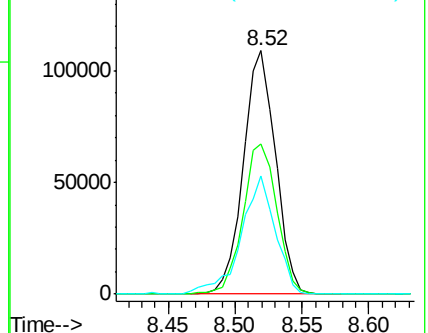
111 48.5 43.5 65.3

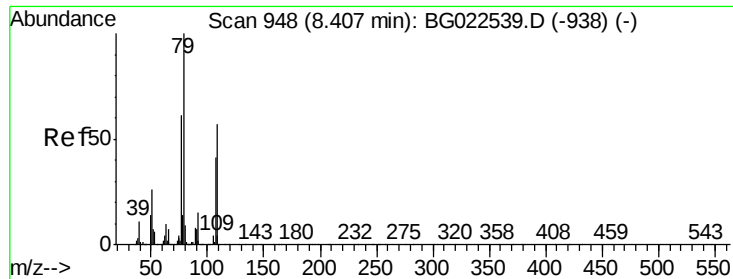


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 24.31 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

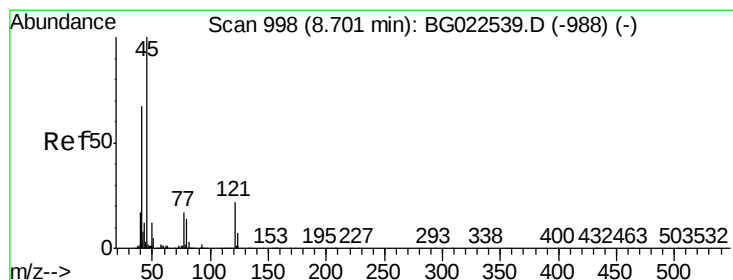
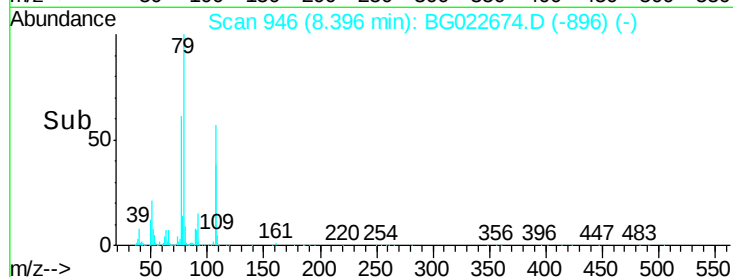
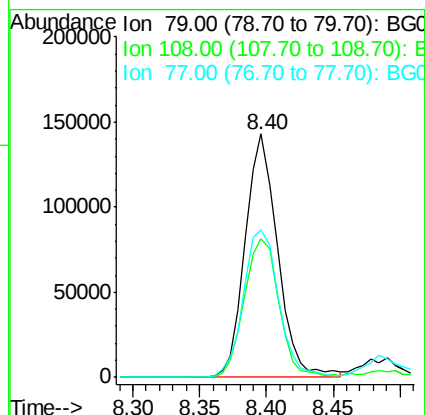
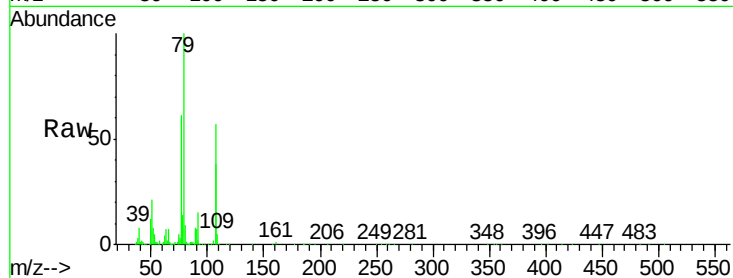
Tgt Ion: 79 Resp: 240311

Ion Ratio Lower Upper

79 100

108 56.9 46.5 69.7

77 60.6 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.49 ng

RT: 8.69 min Scan# 996

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

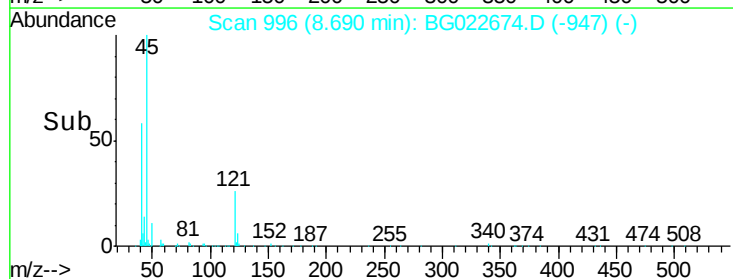
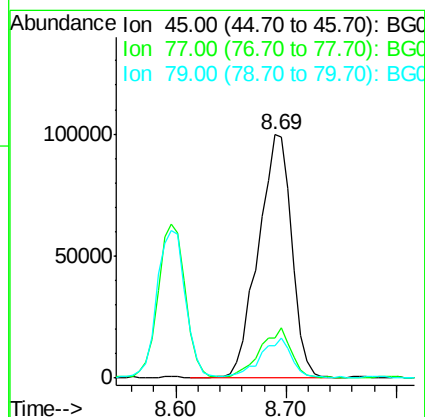
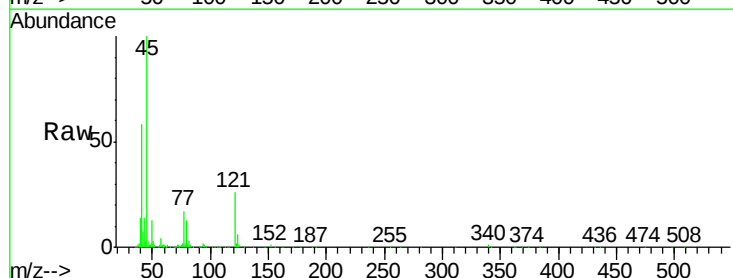
Tgt Ion: 45 Resp: 210715

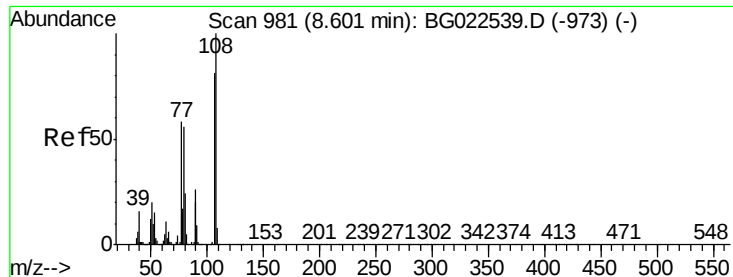
Ion Ratio Lower Upper

45 100

77 16.7 0.6 40.6

79 13.3 0.0 36.2





#17

2-Methylphenol

Concen: 22.93 ng

RT: 8.60 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:107 Resp: 170686

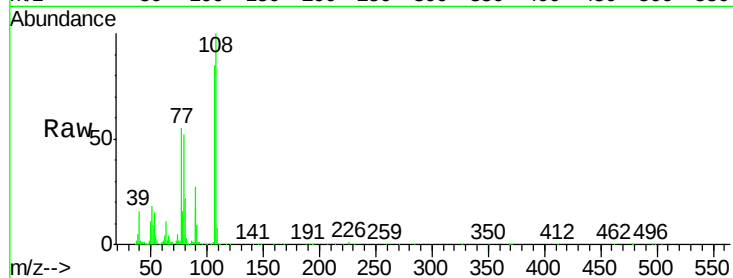
Ion Ratio Lower Upper

107 100

108 117.0 92.0 138.0

77 64.2 55.8 83.6

79 61.1 55.0 82.6

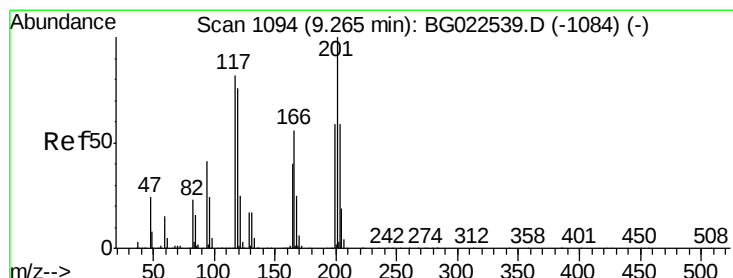
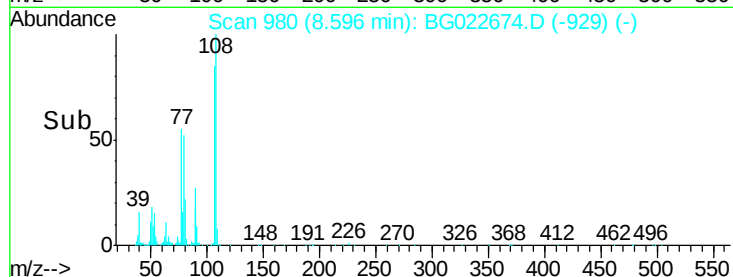
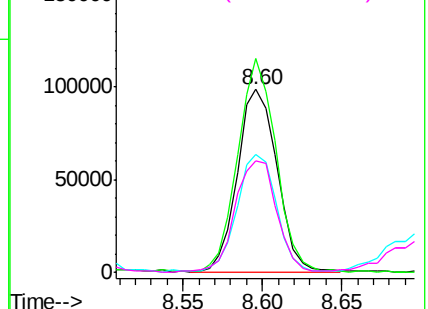


Abundance Ion 107.00 (106.70 to 107.70): E

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: 18.60 ng

RT: 9.25 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

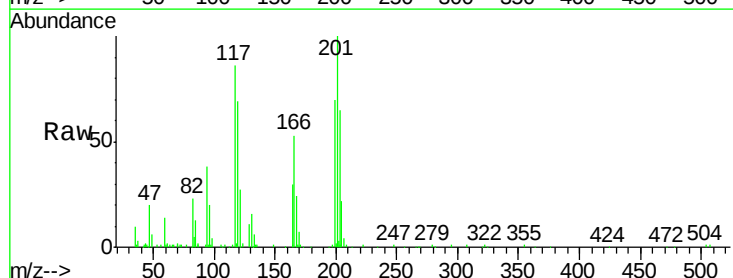
Tgt Ion:117 Resp: 73740

Ion Ratio Lower Upper

117 100

119 79.9 73.7 110.5

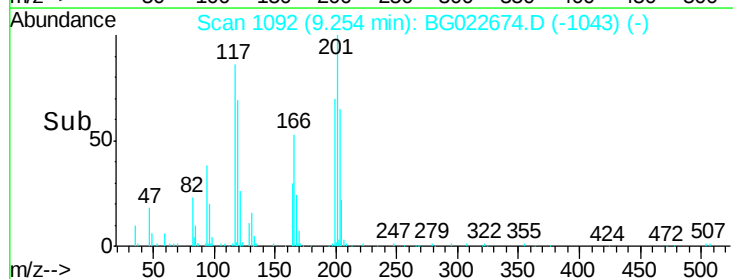
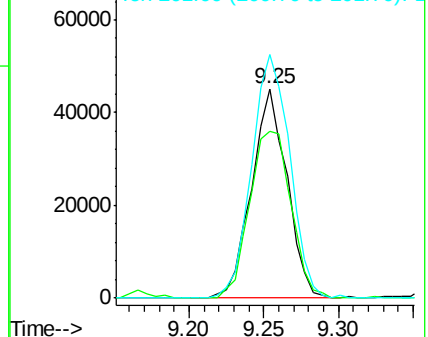
201 116.3 88.7 133.1

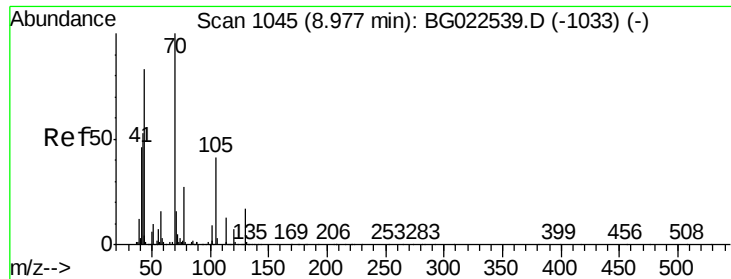


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

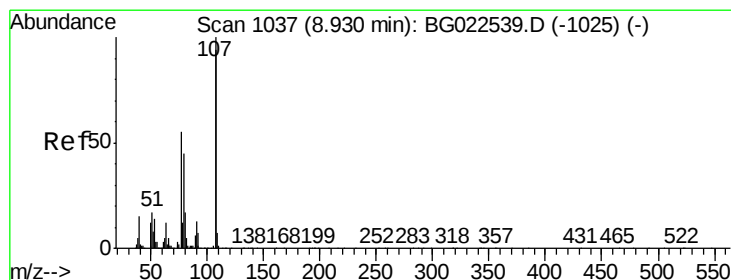
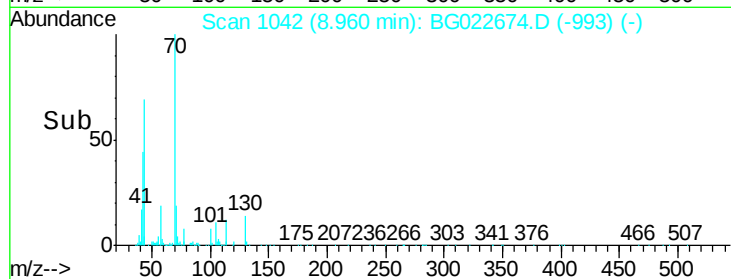
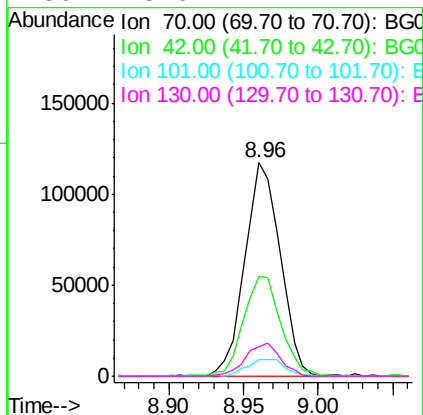
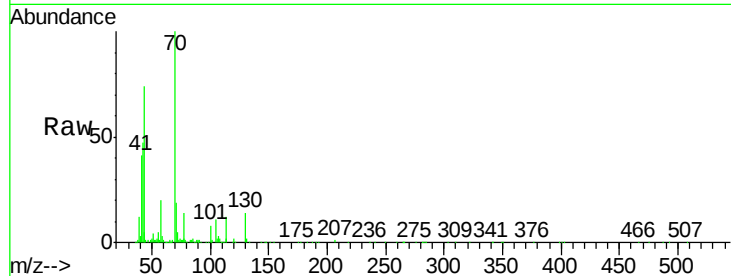




#19
n-Nitroso-di-n-propylamine
Concen: 21.60 ng
RT: 8.96 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

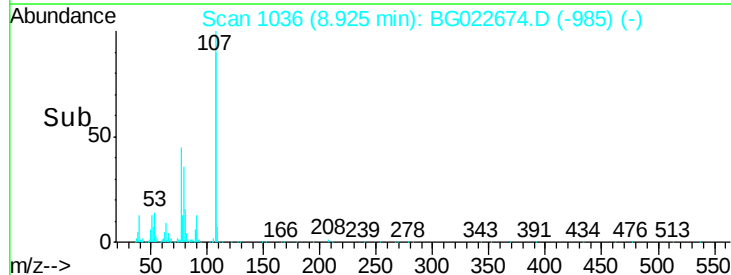
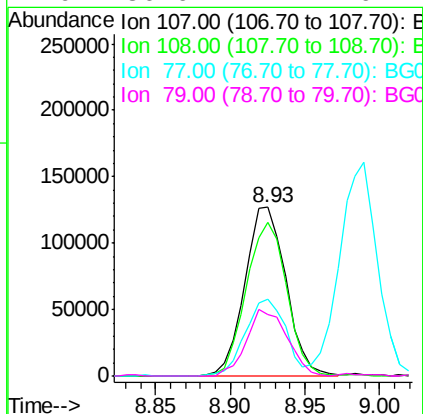
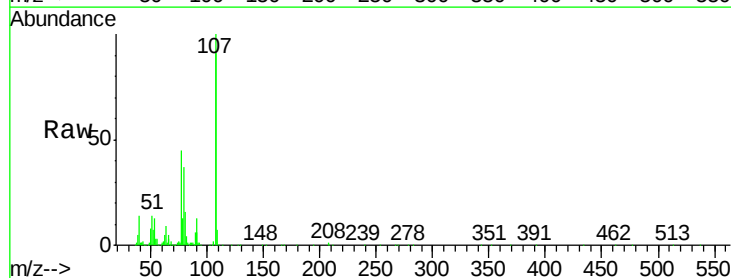
Instrument :
BNA_G
ClientSampleId :

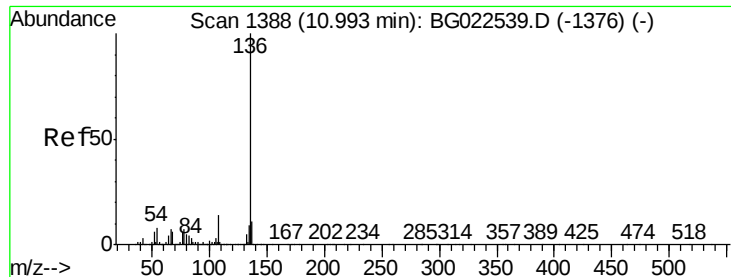
Tgt Ion: 70 Resp: 192224
Ion Ratio Lower Upper
70 100
42 46.8 42.1 63.1
101 7.8 7.2 10.8
130 13.6 14.2 21.2#



#20
3+4-Methylphenols
Concen: 23.61 ng
RT: 8.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion: 107 Resp: 242125
Ion Ratio Lower Upper
107 100
108 91.0 72.5 112.5
77 45.3 30.1 70.1
79 36.6 24.2 64.2

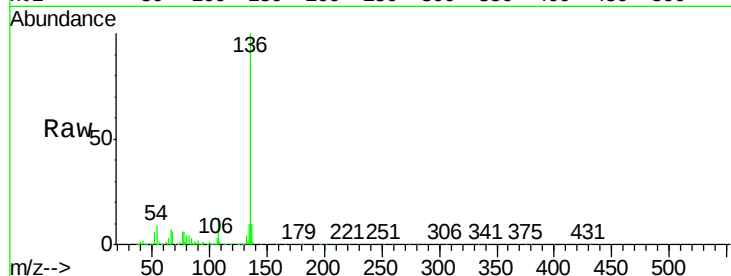




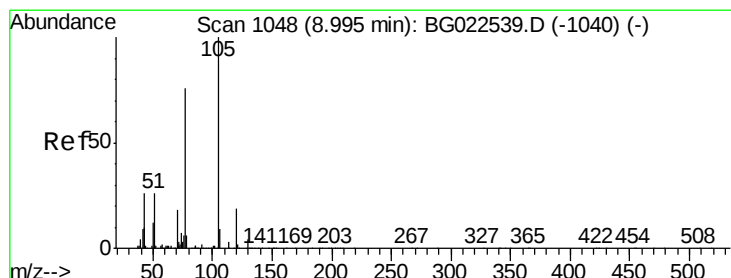
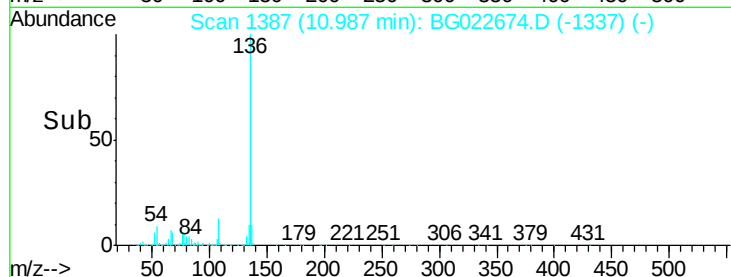
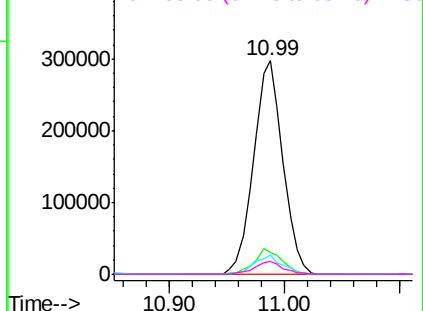
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	136	Resp:	522274
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	8.8	7.3	10.9
68	6.1	5.3	7.9

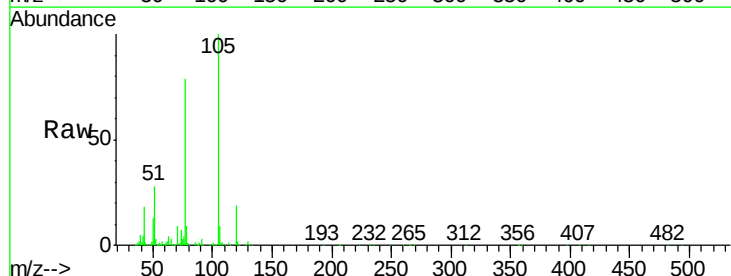


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

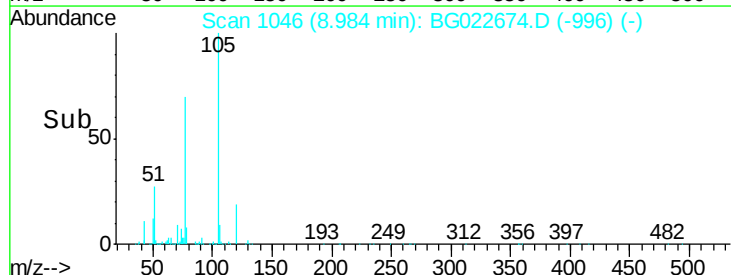
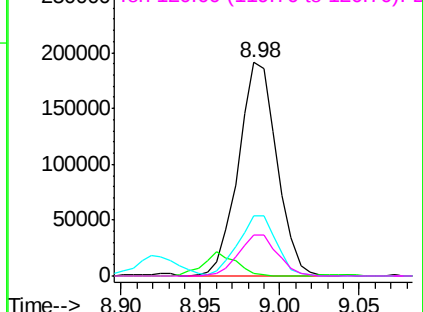


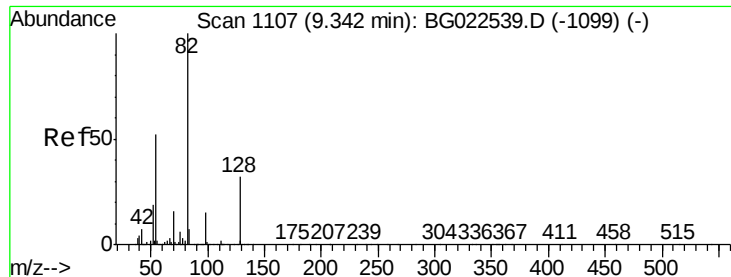
#22
Acetophenone
Concen: 21.19 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion:	105	Resp:	319988
Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.6	3.8#
51	28.1	27.1	40.7
120	19.0	15.1	22.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

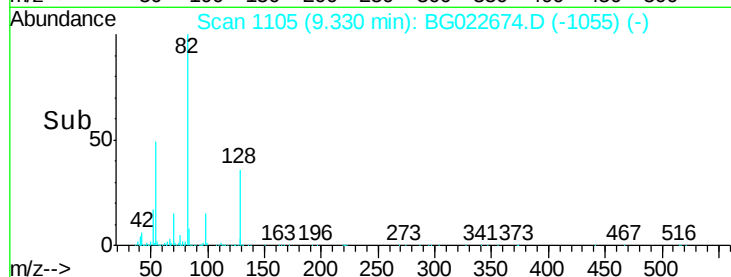
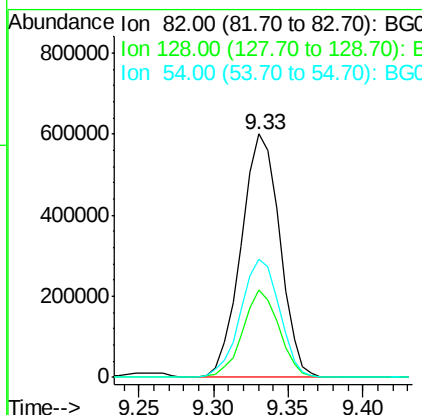
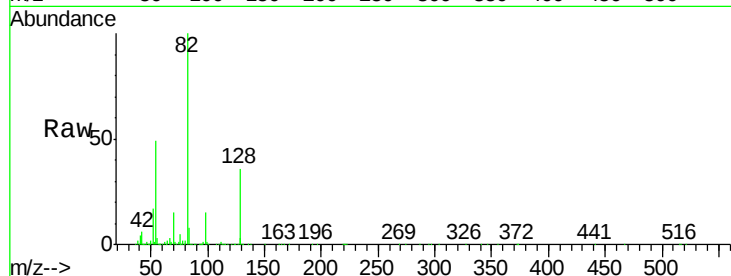




#23
 Nitrobenzene-d5
 Concen: 87.21 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

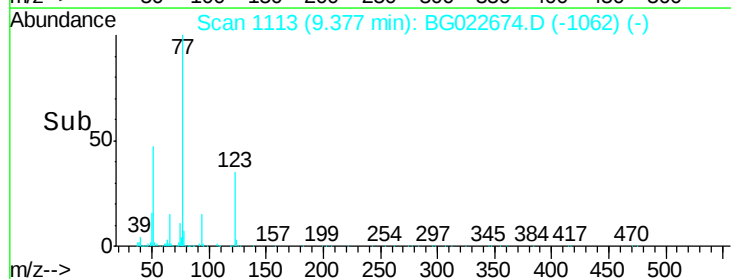
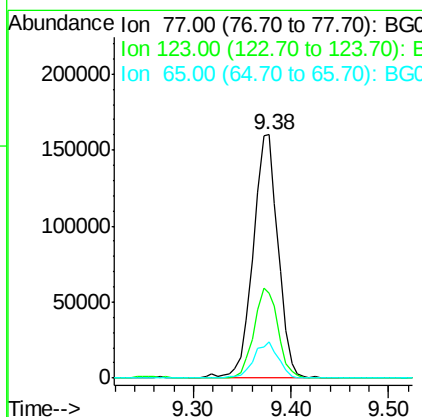
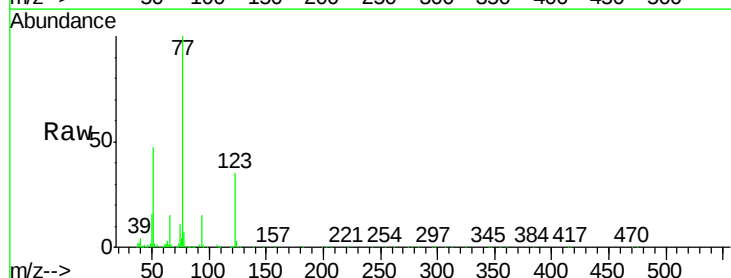
Instrument :
 BNA_G
 ClientSampleId :

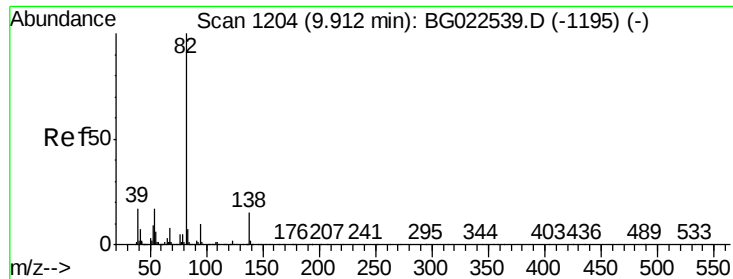
Tgt Ion: 82 Resp: 1076210
 Ion Ratio Lower Upper
 82 100
 128 35.9 24.4 36.6
 54 48.8 41.4 62.0



#24
 Nitrobenzene
 Concen: 21.21 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

Tgt Ion: 77 Resp: 289207
 Ion Ratio Lower Upper
 77 100
 123 35.1 25.0 37.6
 65 14.6 13.4 20.0





#25

Isophorone

Concen: 21.06 ng

RT: 9.89 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BG022674.D

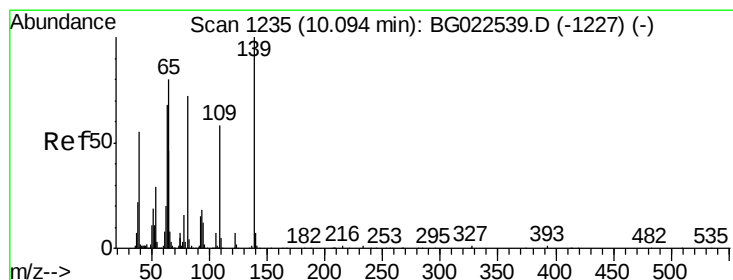
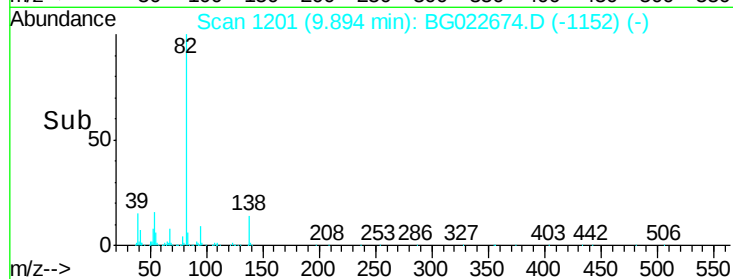
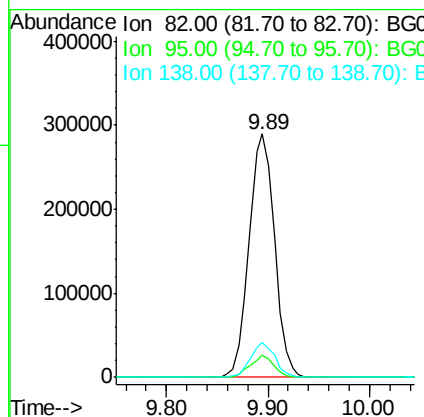
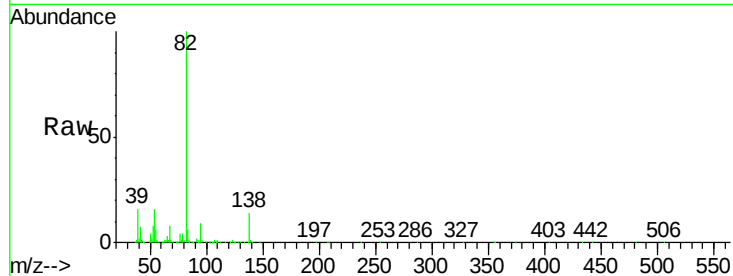
Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	82	Resp:	504507
Ion	Ratio	Lower	Upper
82	100		
95	9.4	8.2	12.2
138	14.2	10.7	16.1



#26

2-Nitrophenol

Concen: 22.40 ng

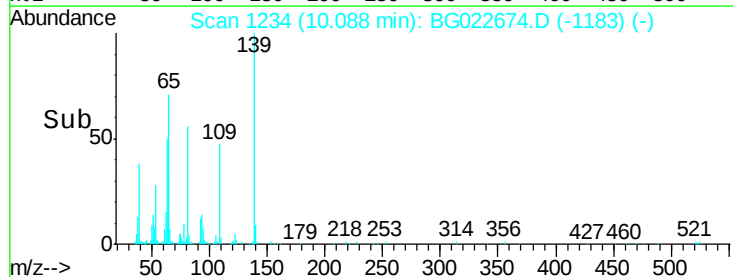
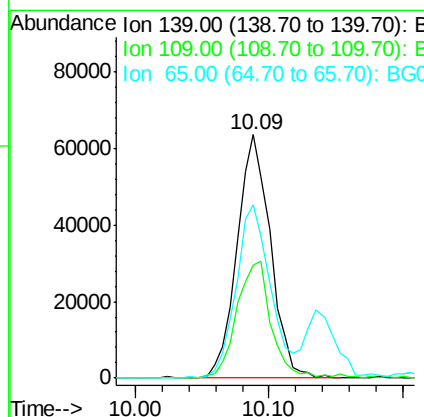
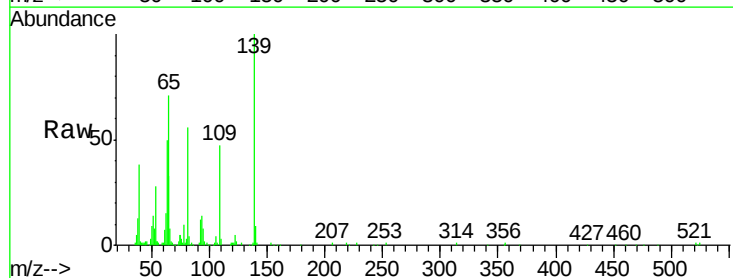
RT: 10.09 min Scan# 1234

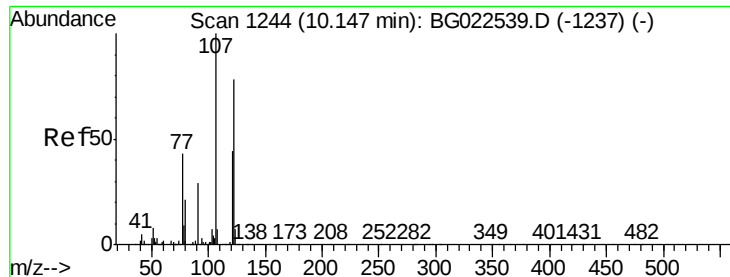
Delta R.T. -0.00 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Tgt Ion:	139	Resp:	110038
Ion	Ratio	Lower	Upper
139	100		
109	46.6	43.5	65.3
65	71.1	64.3	96.5

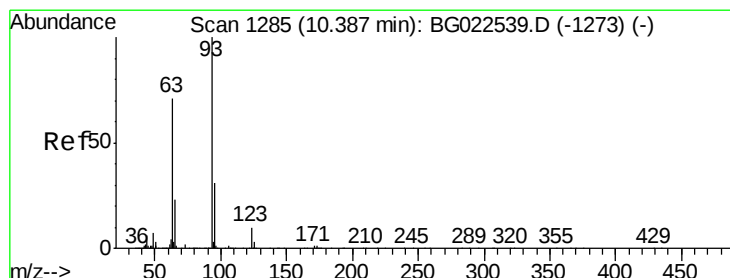
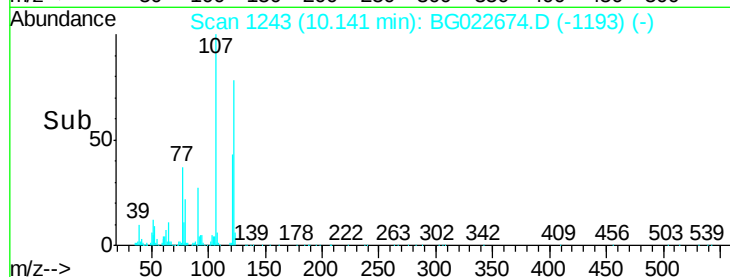
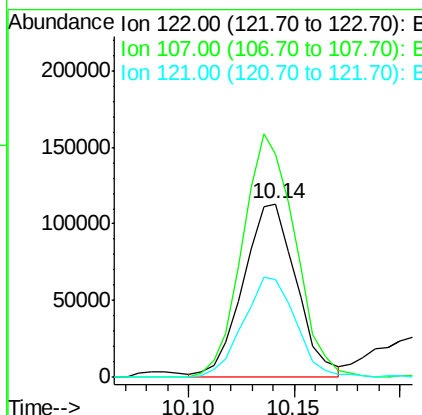
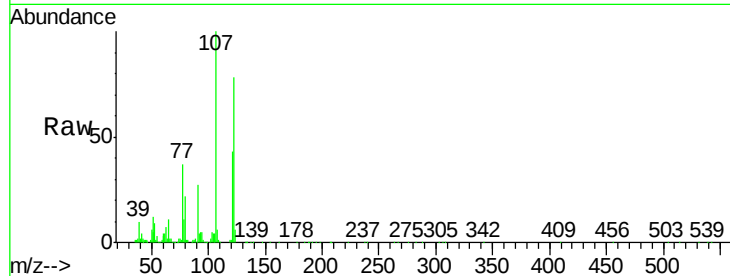




#27
2,4-Dimethylphenol
Concen: 20.91 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

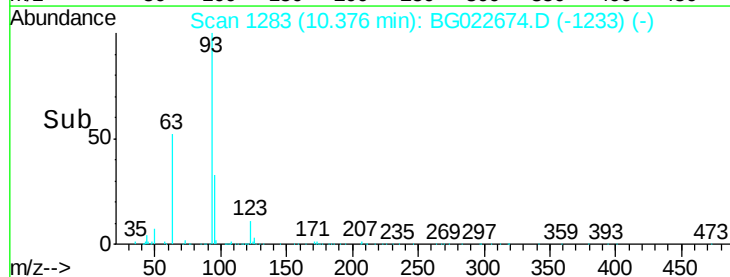
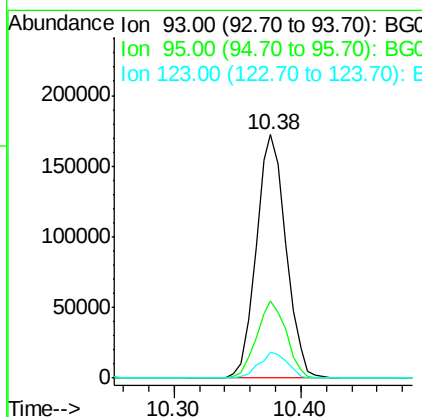
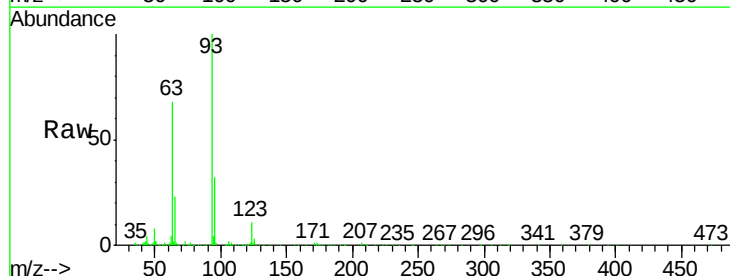
Instrument :
BNA_G
ClientSampleId :

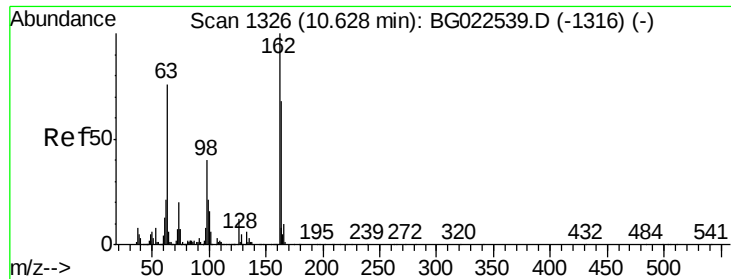
Tgt Ion	Ratio	Lower	Upper
122	100		
107	128.8	117.0	175.4
121	56.0	50.1	75.1



#28
bis(2-Chloroethoxy)methane
Concen: 21.51 ng
RT: 10.38 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.4	38.2
123	10.9	8.2	12.2

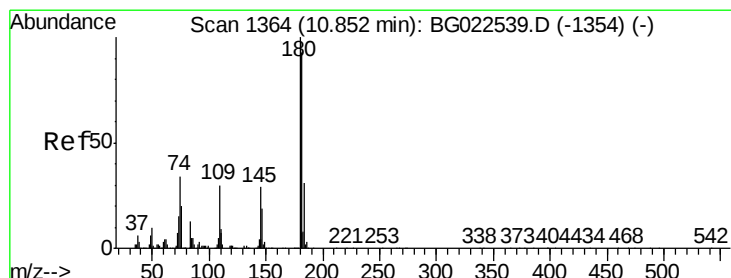
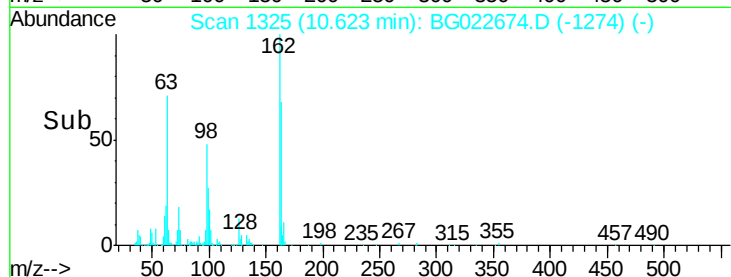
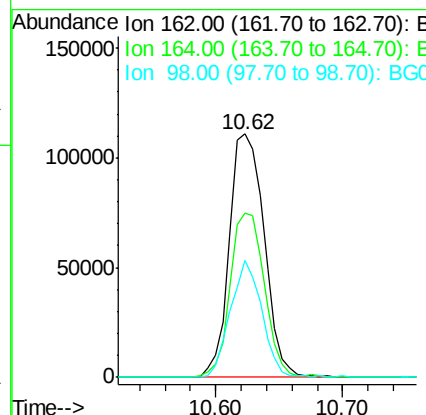
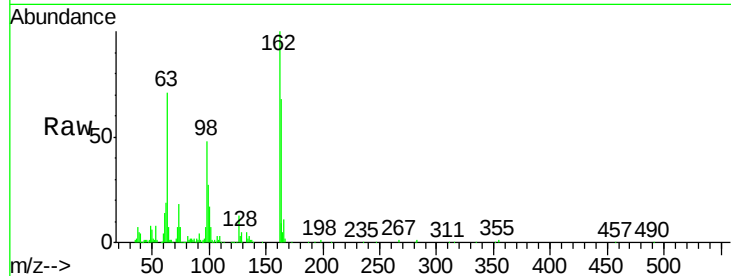




#29
2,4-Dichlorophenol
Concen: 23.14 ng
RT: 10.62 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

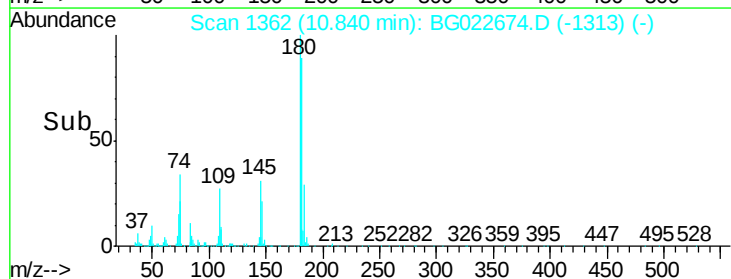
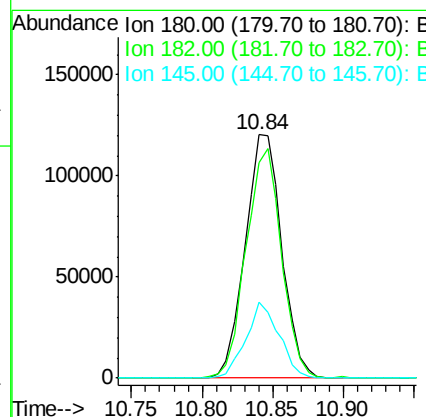
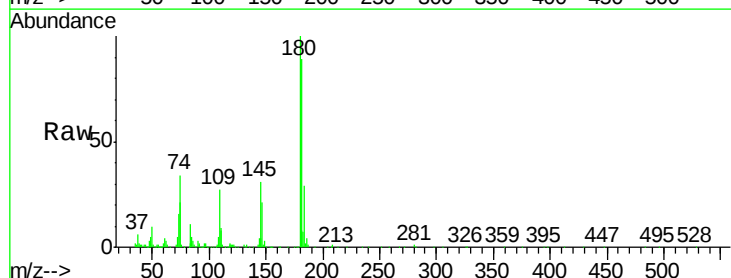
Instrument :
BNA_G
ClientSampleId :

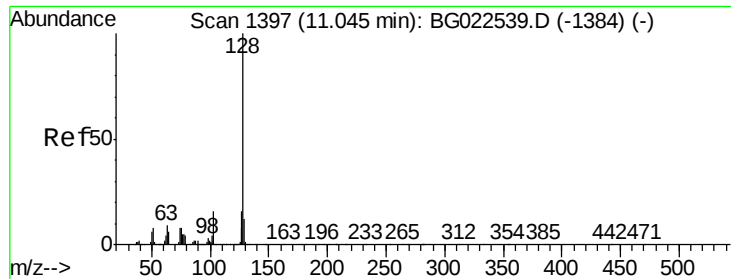
Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.5	44.3	84.3
98	48.1	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 20.11 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.7	73.8	110.8
145	31.1	24.4	36.6





#31

Naphthalene

Concen: 23.28 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

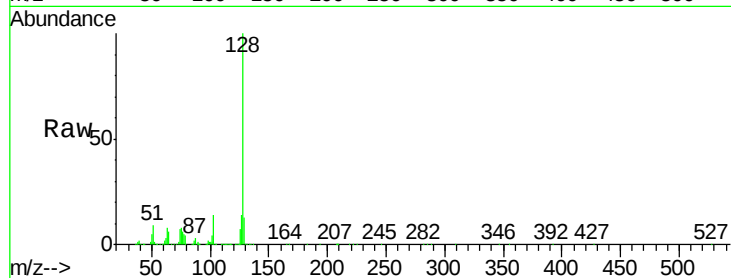
Tgt Ion:128 Resp: 611251

Ion Ratio Lower Upper

128 100

129 12.7 9.4 14.0

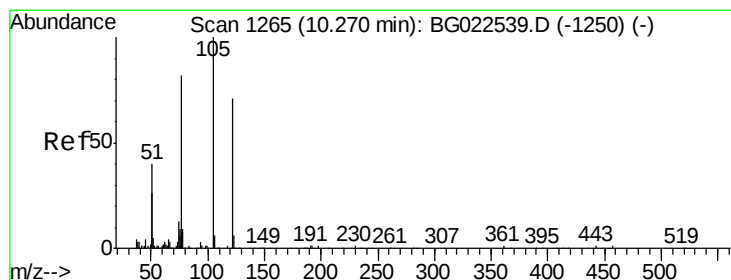
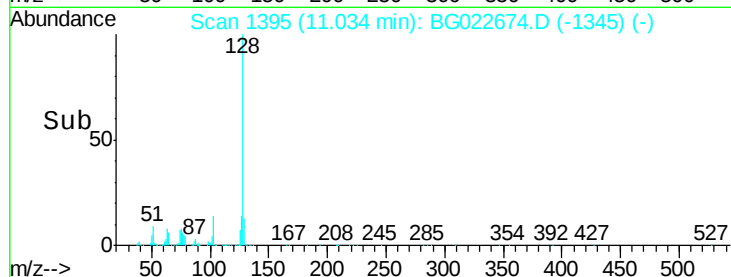
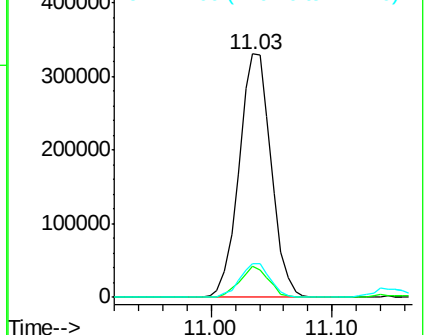
127 13.7 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.96 ng

RT: 10.23 min Scan# 1258

Delta R.T. 0.03 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

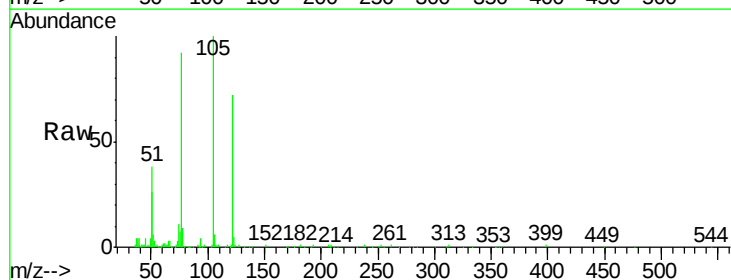
Tgt Ion:122 Resp: 122569

Ion Ratio Lower Upper

122 100

105 139.5 117.2 157.2

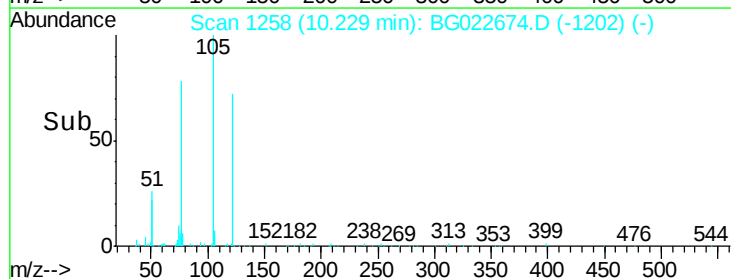
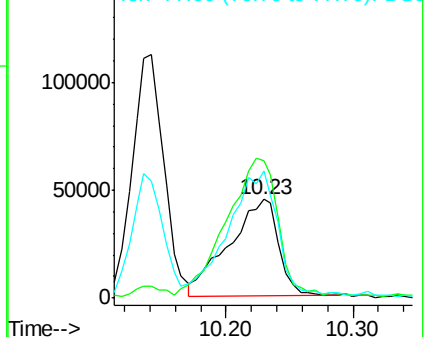
77 128.6 109.2 149.2

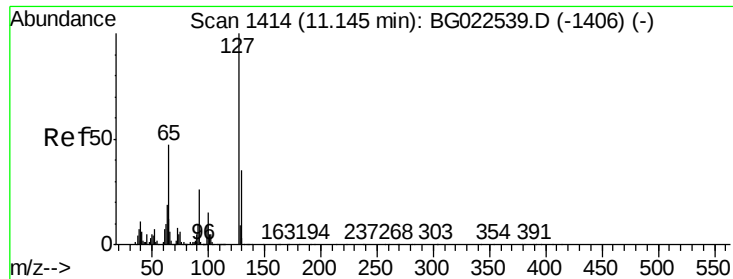


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

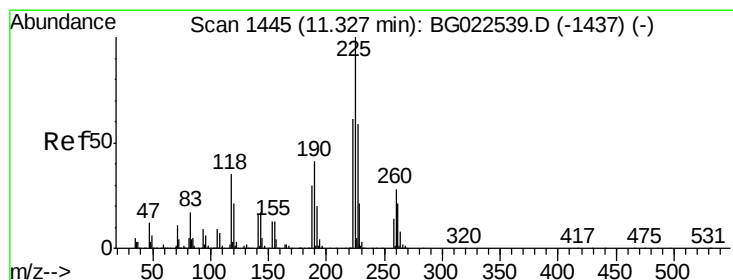
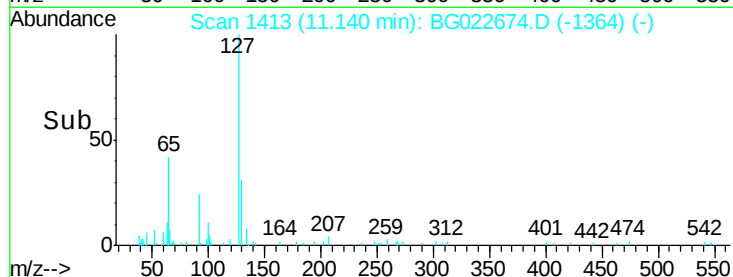
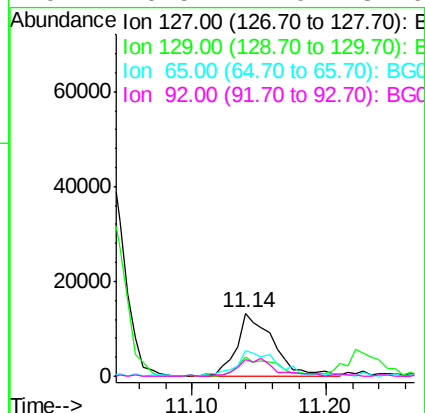
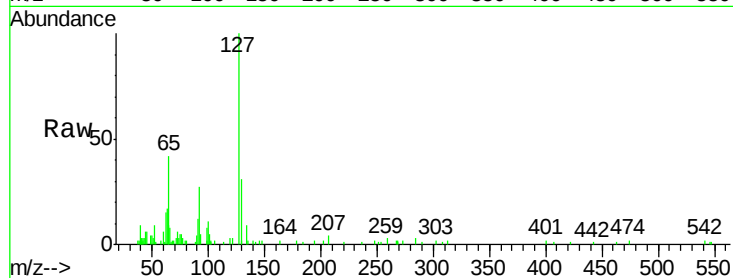




#33
4-Chloroaniline
Concen: 2.26 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

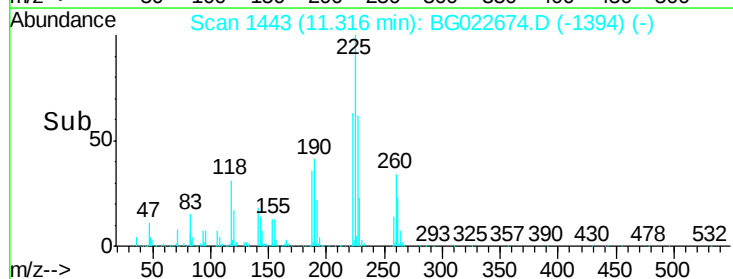
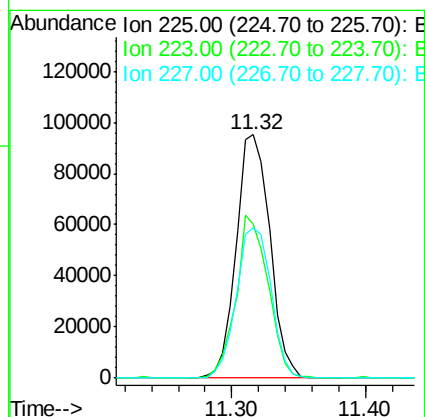
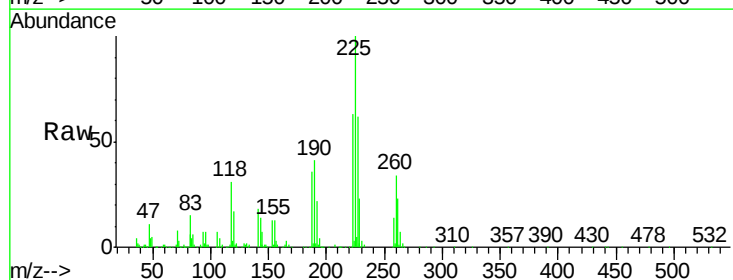
Instrument :
BNA_G
ClientSampleId :

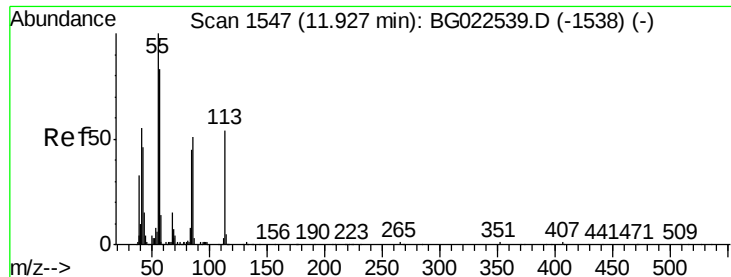
Tgt Ion:	127	Resp:	25514
Ion	Ratio	Lower	Upper
127	100		
129	30.8	27.9	41.9
65	41.6	36.8	55.2
92	26.5	21.0	31.6



#34
Hexachlorobutadiene
Concen: 19.72 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion:	225	Resp:	166446
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.6	74.4
227	61.7	54.5	81.7





#35

Caprolactam

Concen: 12.60 ng

RT: 11.90 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

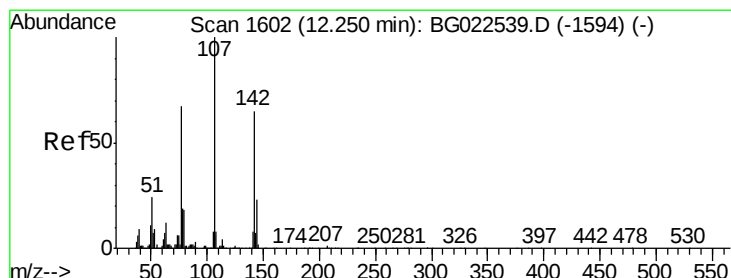
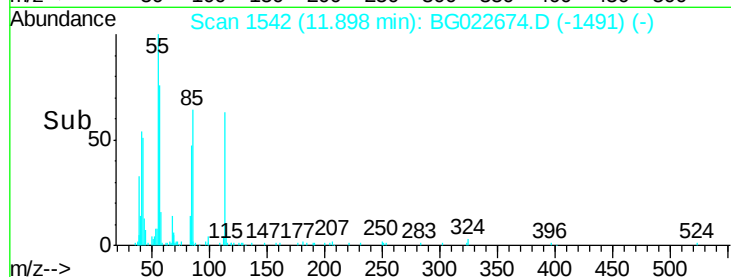
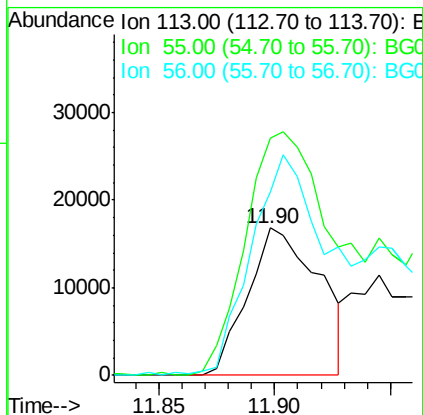
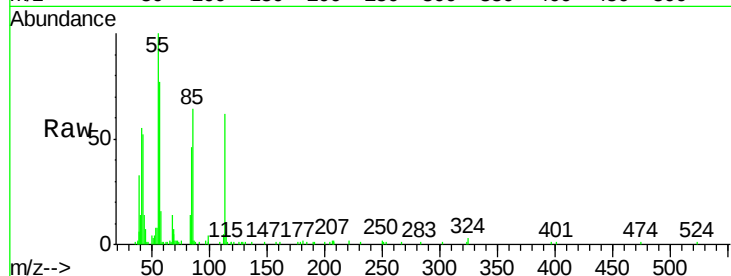
Instrument :

BNA_G

ClientSampleId :

Tgt Ion:113 Resp: 36302

Ion	Ratio	Lower	Upper
113	100		
55	161.1	154.5	194.5
56	124.1	125.1	165.1#



#36

4-Chloro-3-methylphenol

Concen: 24.60 ng

RT: 12.25 min Scan# 1602

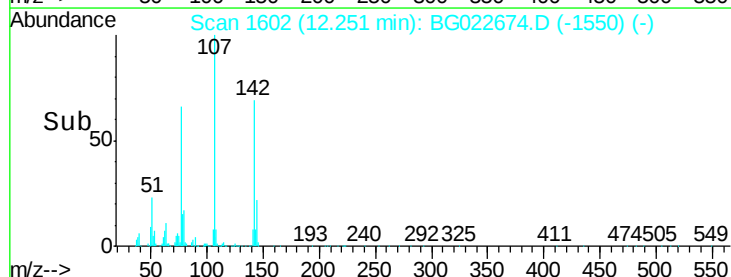
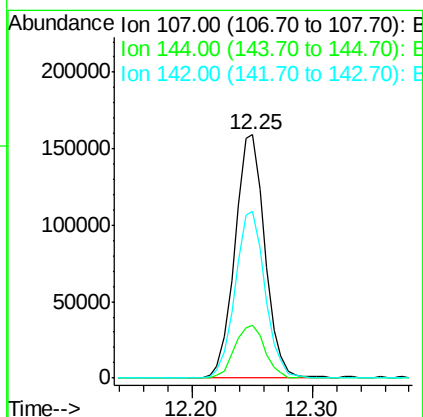
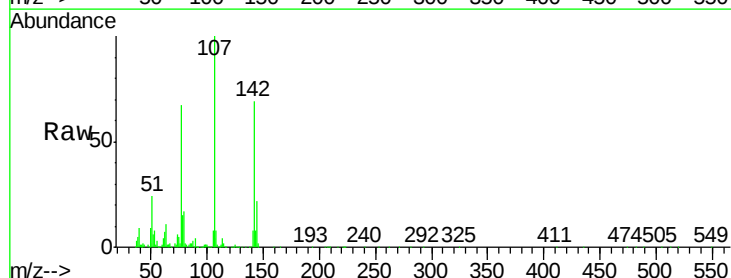
Delta R.T. 0.01 min

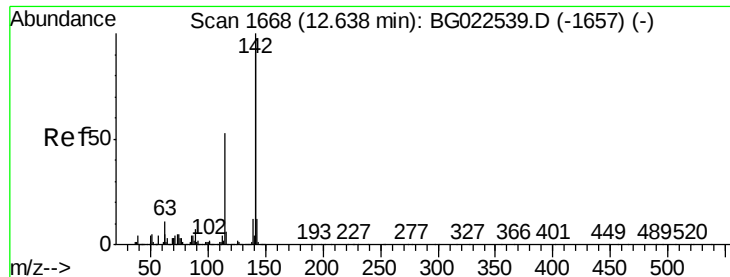
Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Tgt Ion:107 Resp: 276184

Ion	Ratio	Lower	Upper
107	100		
144	21.8	17.0	25.6
142	68.7	53.0	79.6

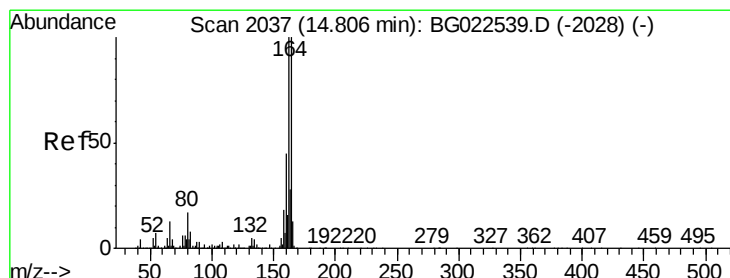
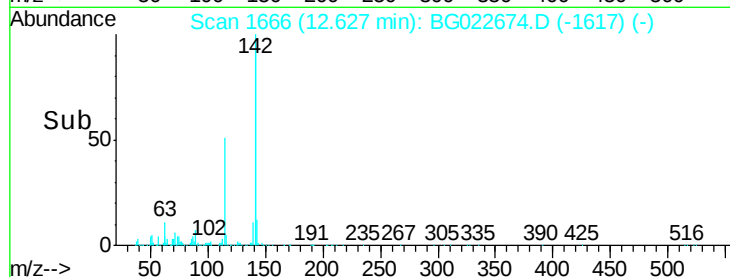
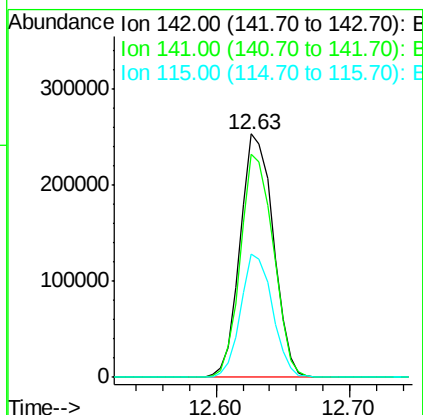
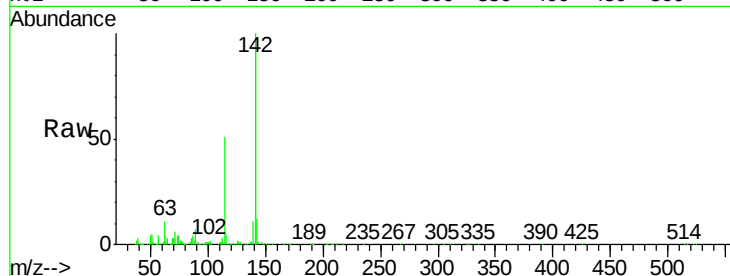




#37
2-Methylnaphthalene
Concen: 21.33 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

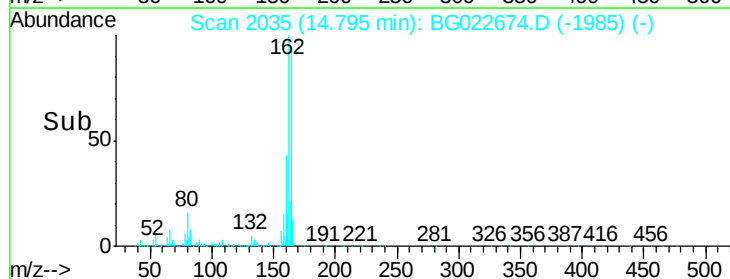
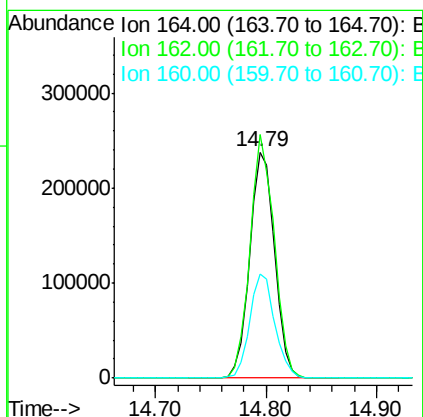
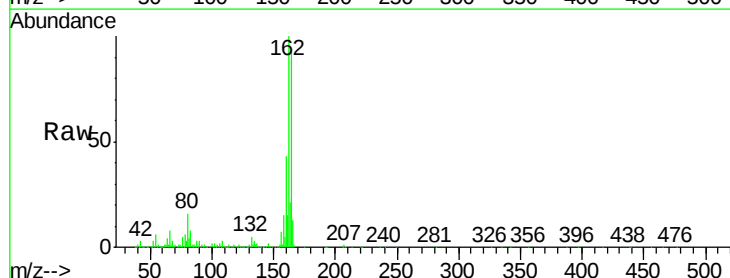
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 434201
Ion Ratio Lower Upper
142 100
141 91.8 70.2 105.2
115 50.8 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion:164 Resp: 376844
Ion Ratio Lower Upper
164 100
162 107.7 87.7 131.5
160 46.2 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.26 ng

RT: 13.00 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampled :

Tgt Ion:216 Resp: 288280

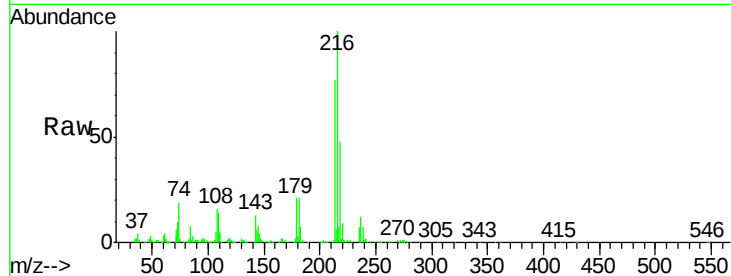
Ion Ratio Lower Upper

216 100

214 77.6 62.9 94.3

179 20.8 17.2 25.8

108 20.0 16.3 24.5

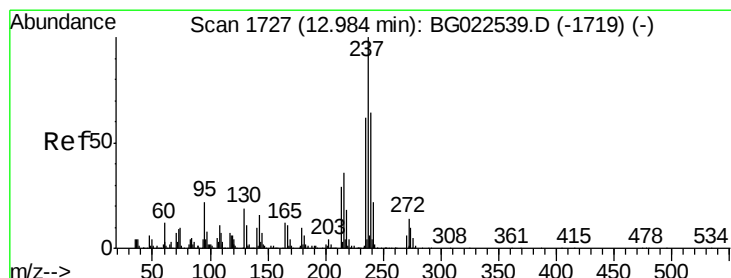
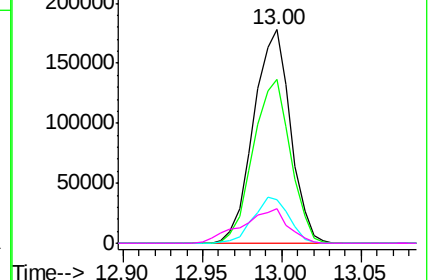
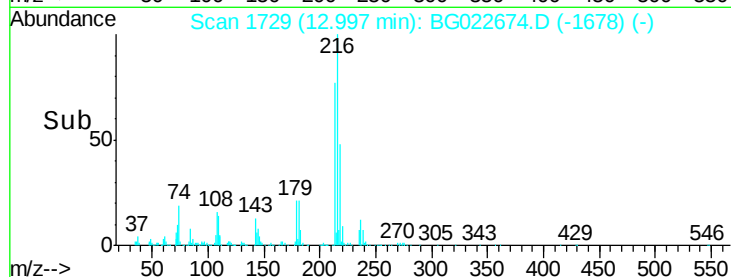


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 48.09 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

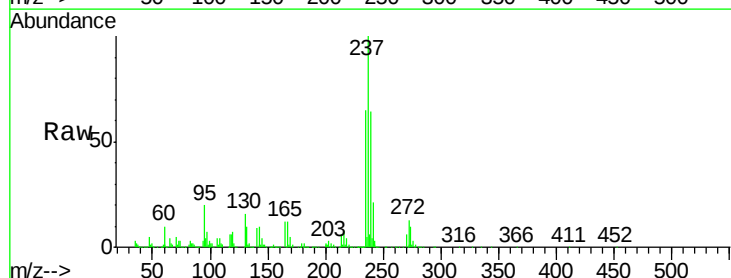
Tgt Ion:237 Resp: 546172

Ion Ratio Lower Upper

237 100

235 65.4 43.1 83.1

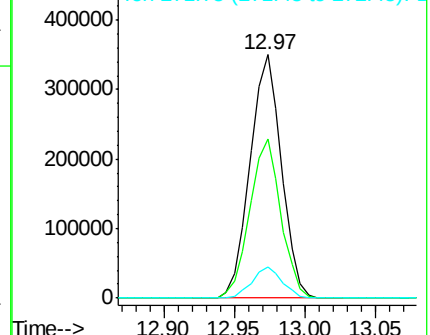
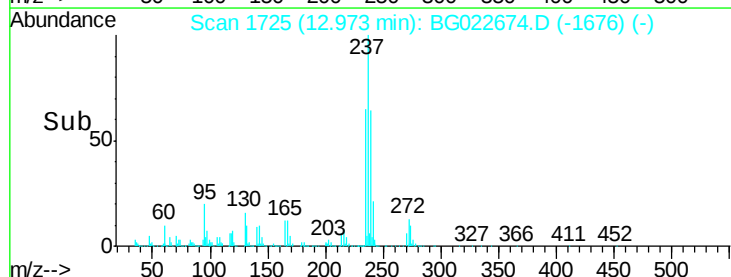
272 12.6 0.0 30.9

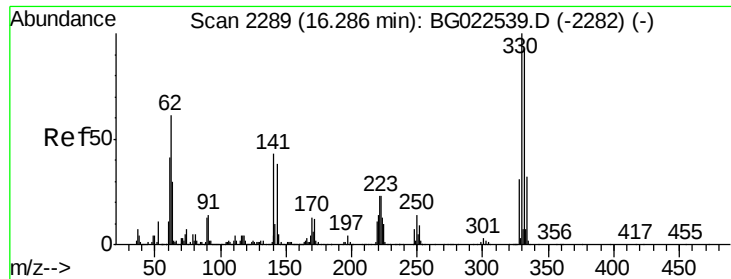


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

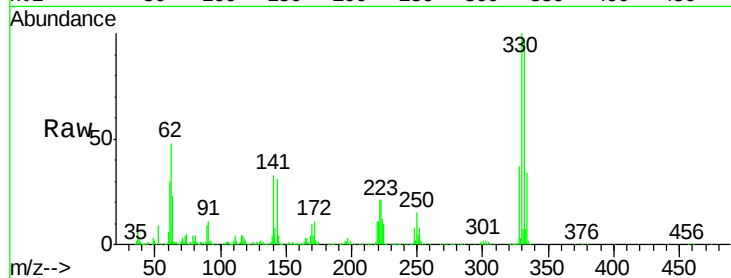




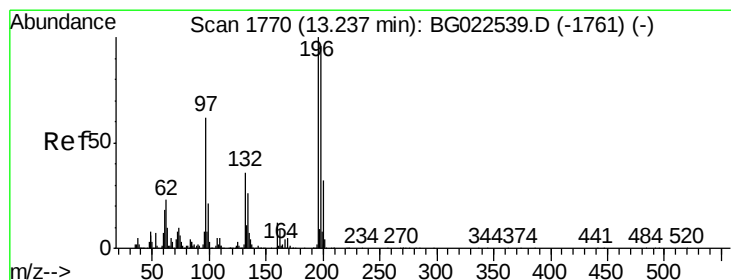
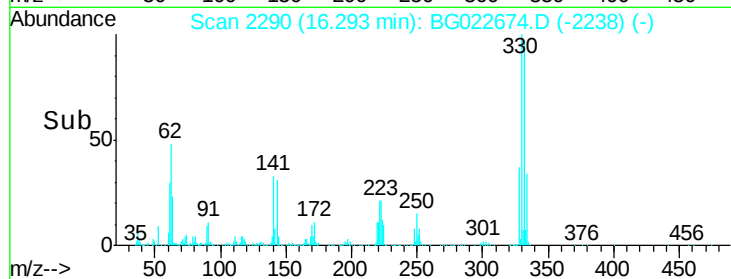
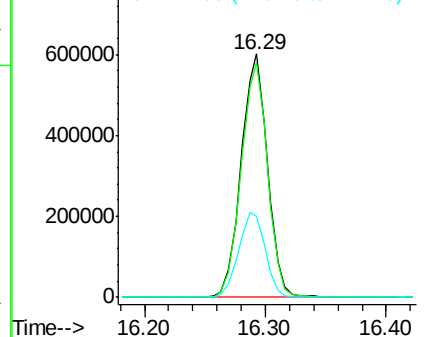
#41
 2,4,6-Tribromophenol
 Concen: 154.20 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:330 Resp: 913980
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 35.4 31.7 47.5

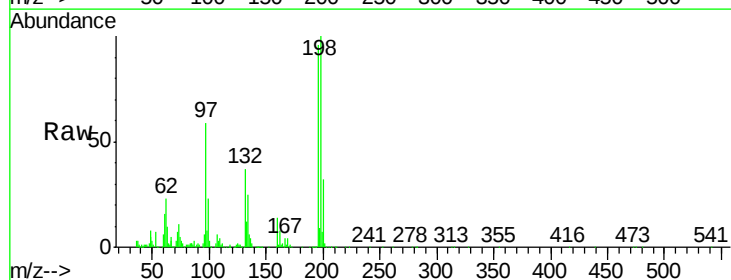


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

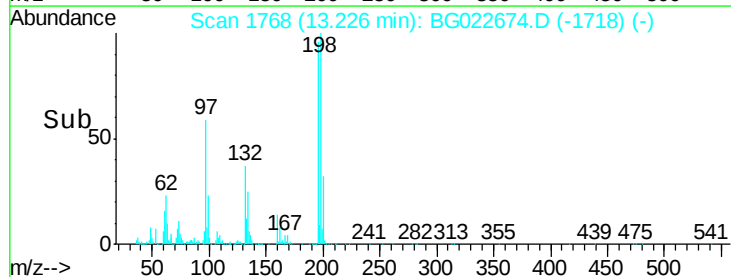
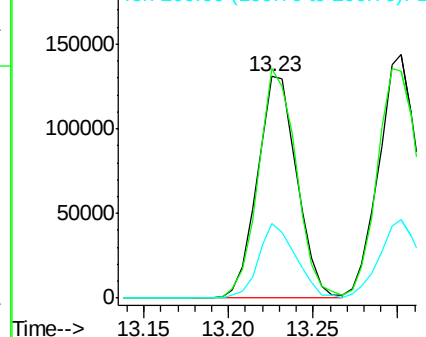


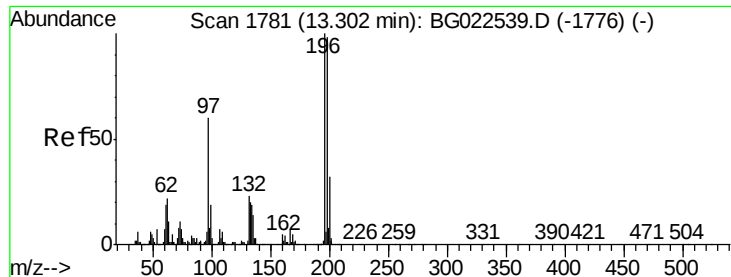
#42
 2,4,6-Trichlorophenol
 Concen: 23.43 ng
 RT: 13.23 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

Tgt Ion:196 Resp: 213794
 Ion Ratio Lower Upper
 196 100
 198 103.9 78.2 117.2
 200 33.5 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

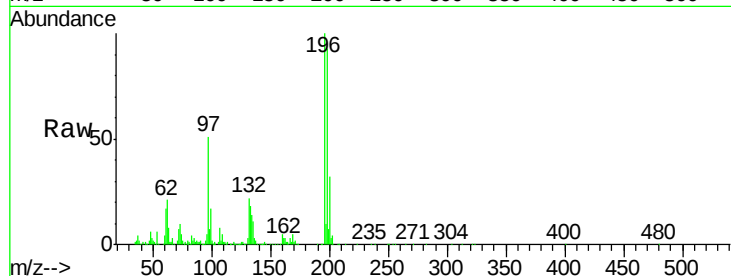




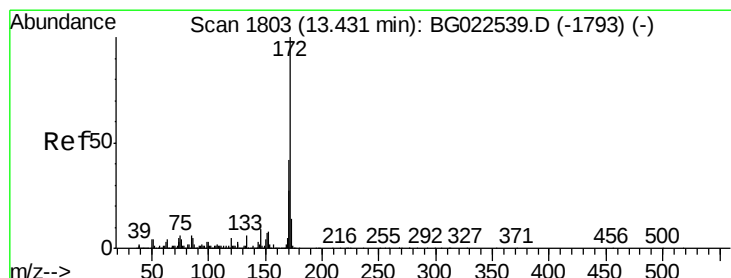
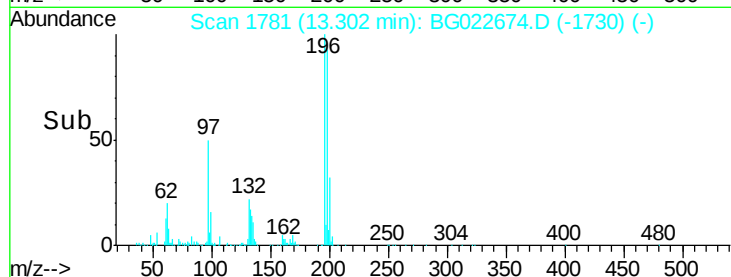
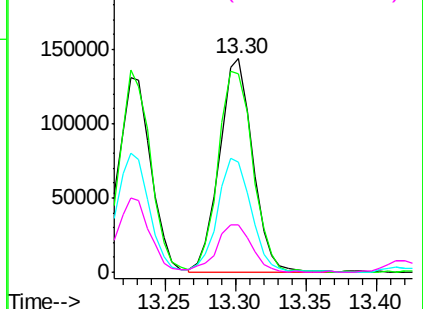
#43
2,4,5-Trichlorophenol
Concen: 24.75 ng
RT: 13.30 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	196	Resp:	236291
Ion	Ratio	Lower	Upper
196	100		
198	93.1	85.7	128.5
97	51.3	45.5	68.3
132	21.9	18.9	28.3

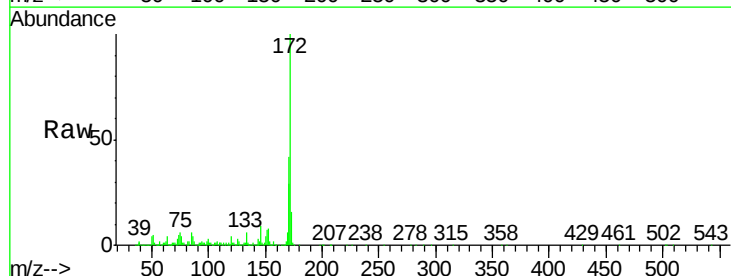


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

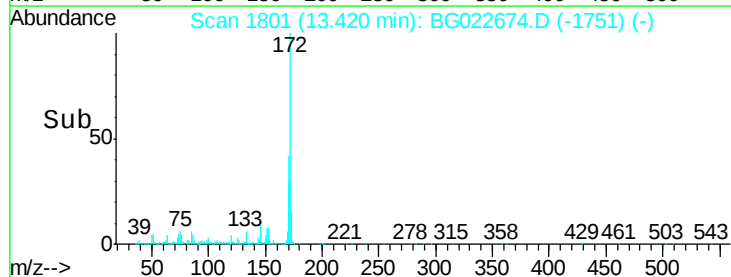
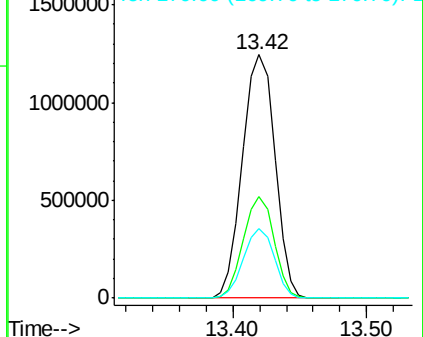


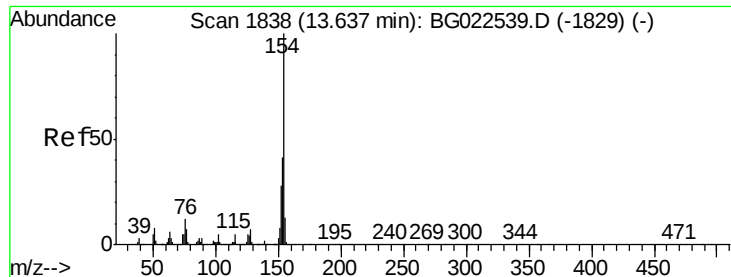
#44
2-Fluorobiphenyl
Concen: 88.33 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion:	172	Resp:	2098965
Ion	Ratio	Lower	Upper
172	100		
171	41.6	31.6	47.4
170	28.8	21.3	31.9



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

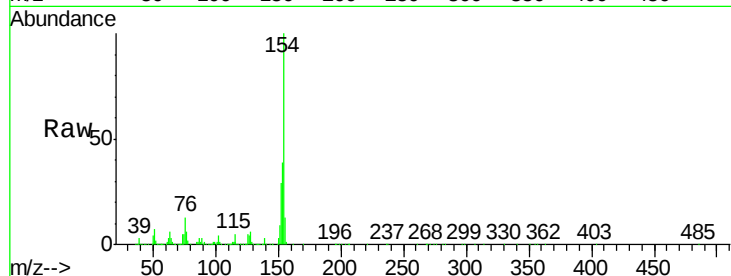




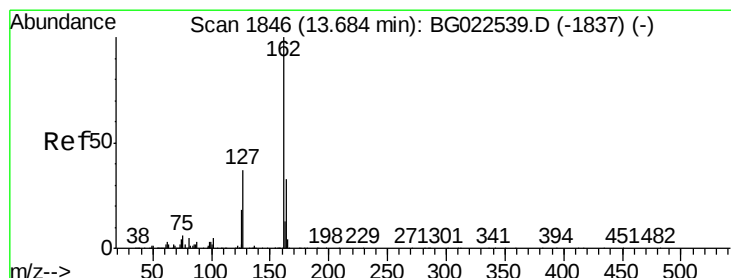
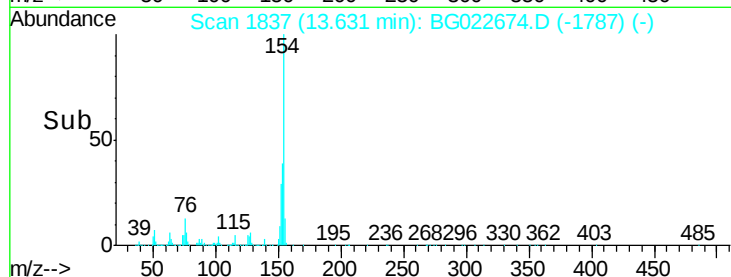
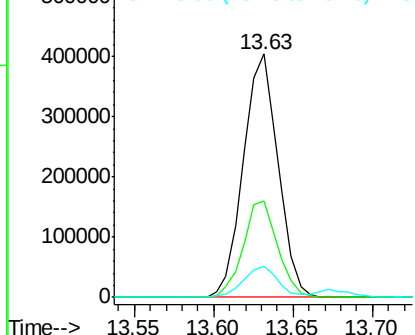
#45
 1,1'-Biphenyl
 Concen: 21.39 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.2	60.2
76	12.6	0.0	32.9

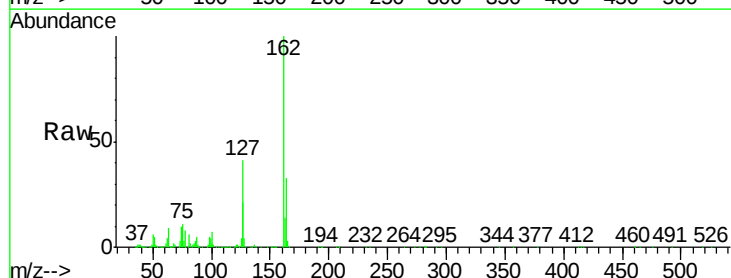


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

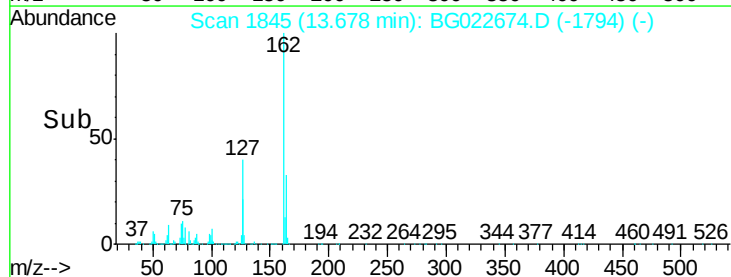
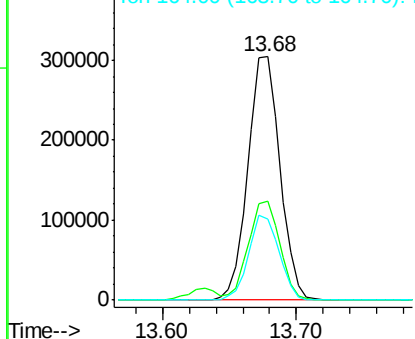


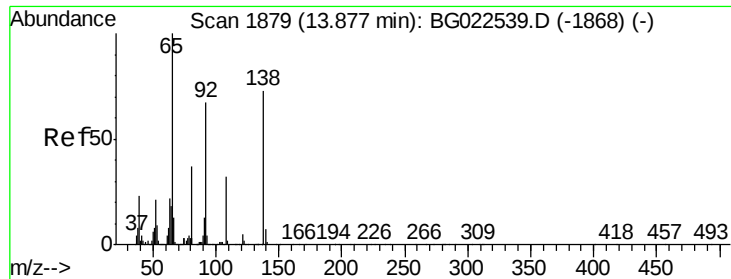
#46
 2-Chloronaphthalene
 Concen: 21.26 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.4	48.6
164	33.5	25.2	37.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

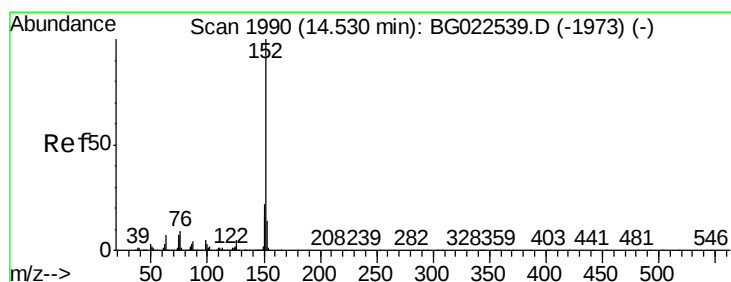
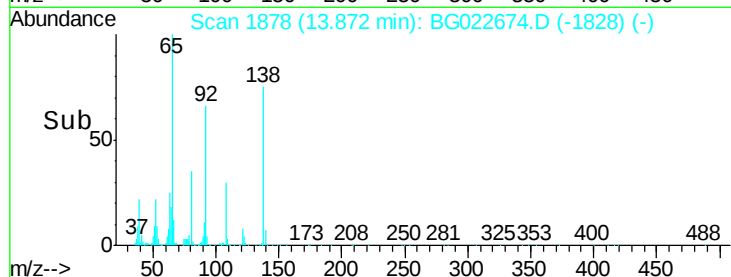
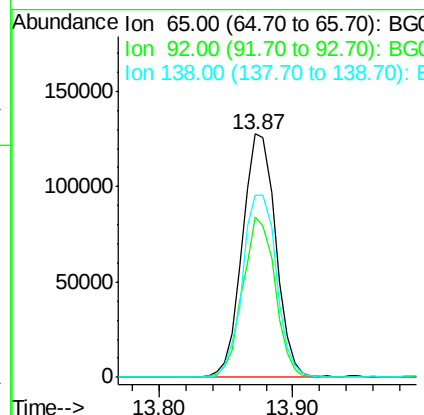
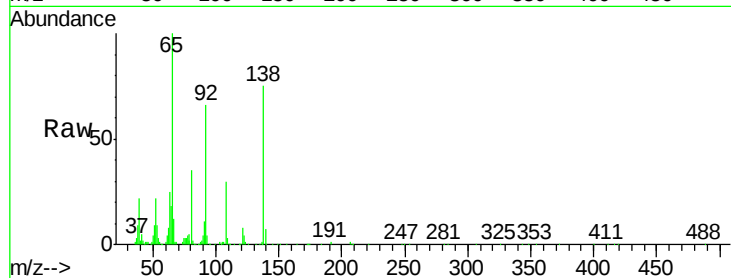




#47
2-Nitroaniline
Concen: 24.18 ng
RT: 13.87 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

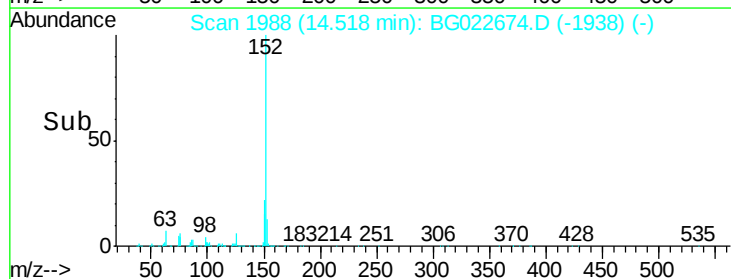
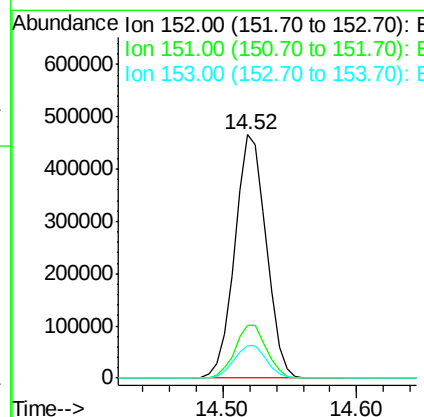
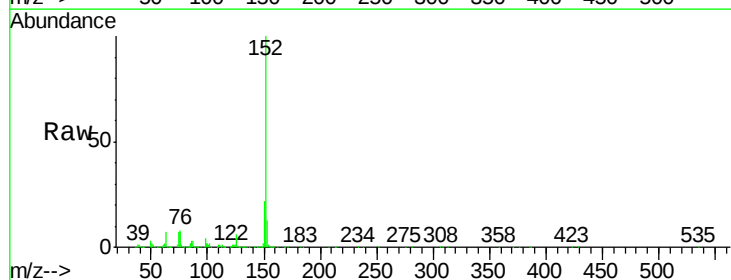
Instrument :
BNA_G
ClientSampleId :

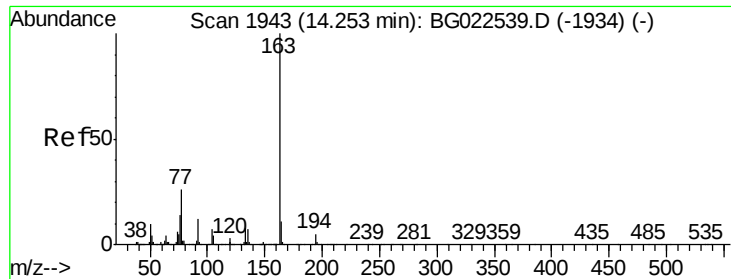
Tgt Ion: 65 Resp: 220434
Ion Ratio Lower Upper
65 100
92 66.0 49.4 74.0
138 75.0 58.0 87.0



#48
Acenaphthylene
Concen: 22.19 ng
RT: 14.52 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion: 152 Resp: 760332
Ion Ratio Lower Upper
152 100
151 21.9 17.6 26.4
153 13.3 11.4 17.2

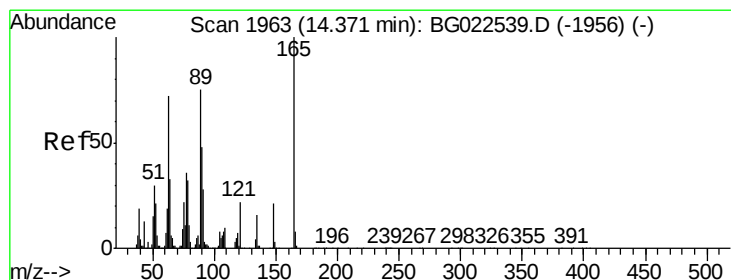
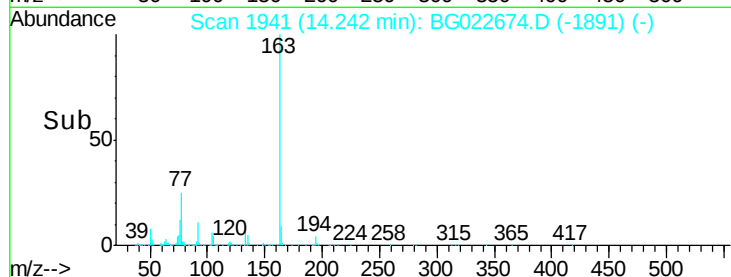
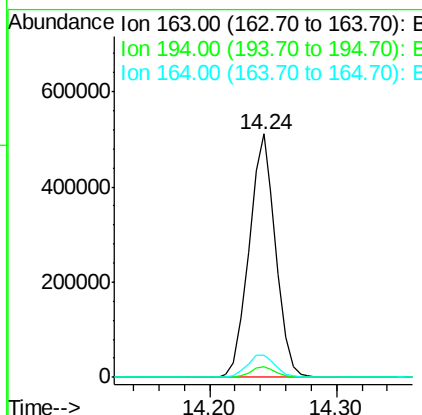
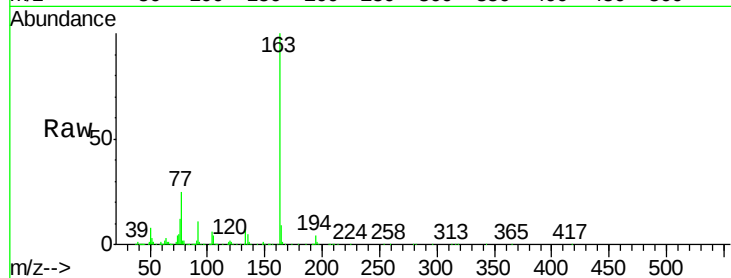




#49
Dimethylphthalate
Concen: 23.65 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

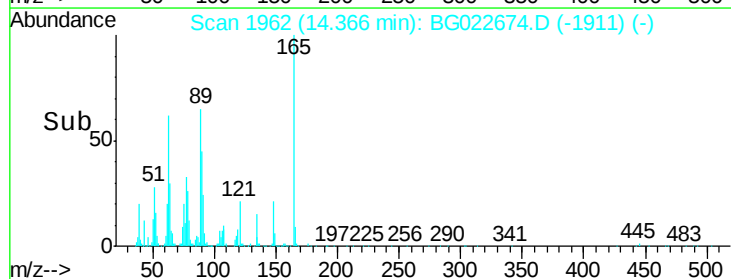
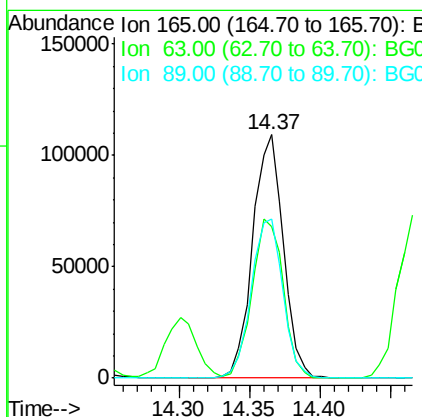
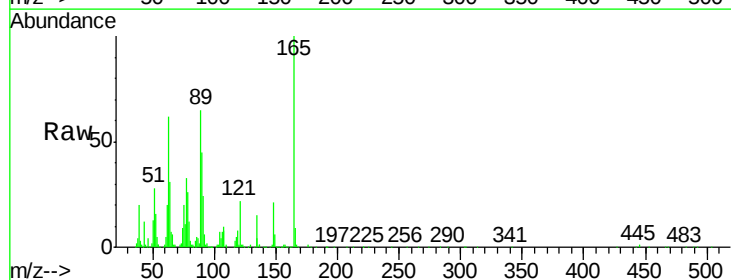
Instrument :
BNA_G
ClientSampleId :

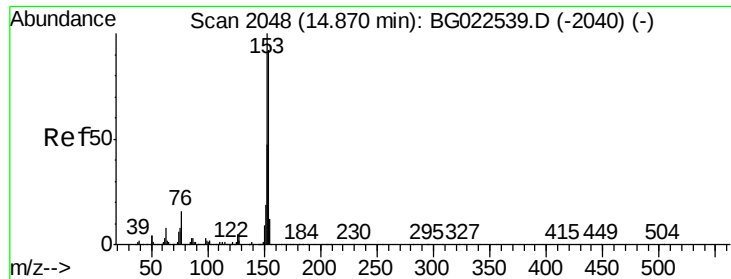
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	9.0	8.1	12.1



#50
2,6-Dinitrotoluene
Concen: 24.67 ng
RT: 14.37 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.2	64.3	96.5#
89	65.4	64.3	96.5





#51

Acenaphthene

Concen: 20.53 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

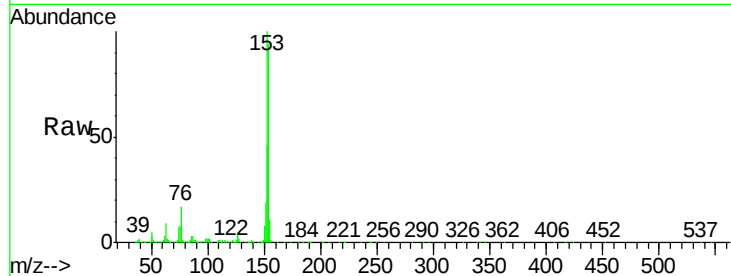
Tgt Ion:154 Resp: 518278

Ion Ratio Lower Upper

154 100

153 106.2 87.5 131.3

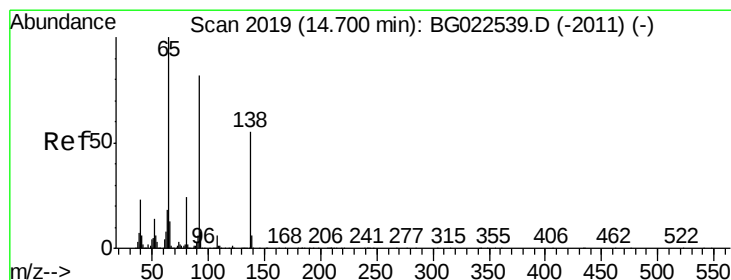
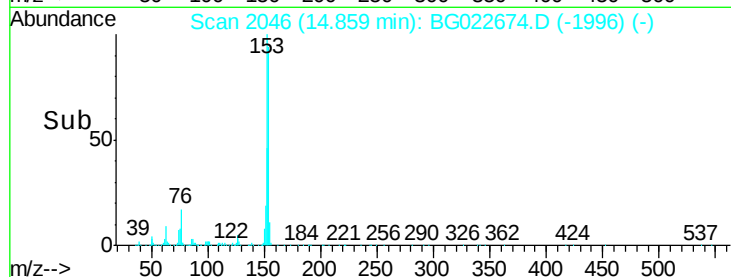
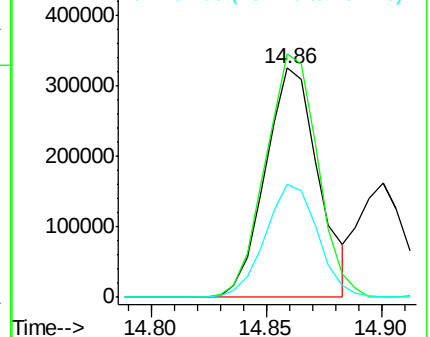
152 49.1 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.37 ng

RT: 14.69 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

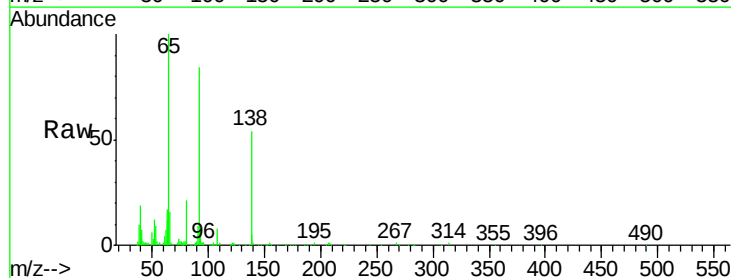
Tgt Ion:138 Resp: 65906

Ion Ratio Lower Upper

138 100

108 15.3 11.7 17.5

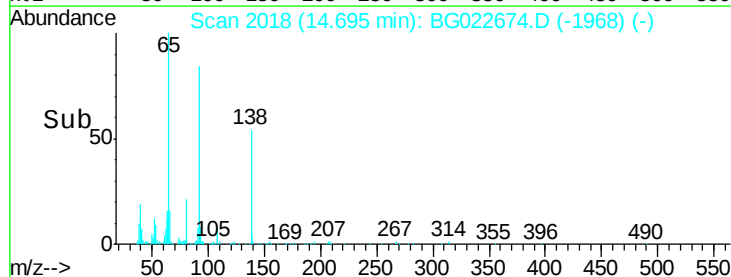
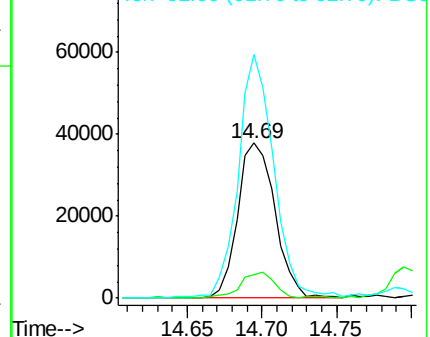
92 156.9 129.7 194.5

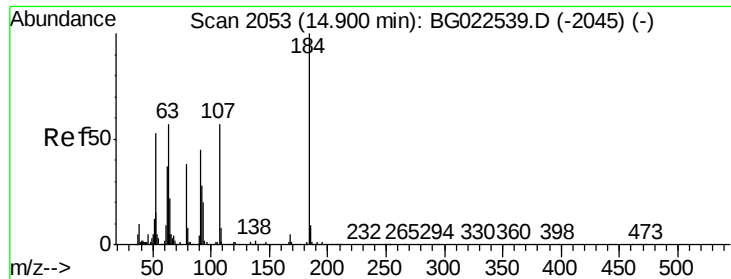


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

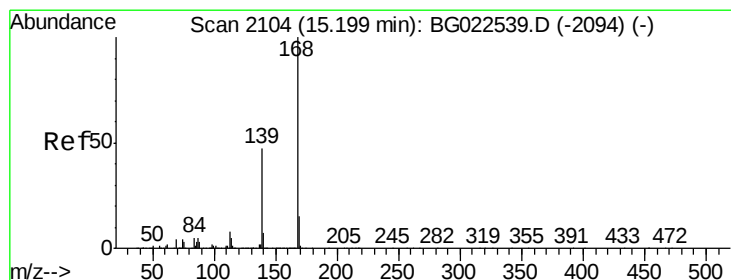
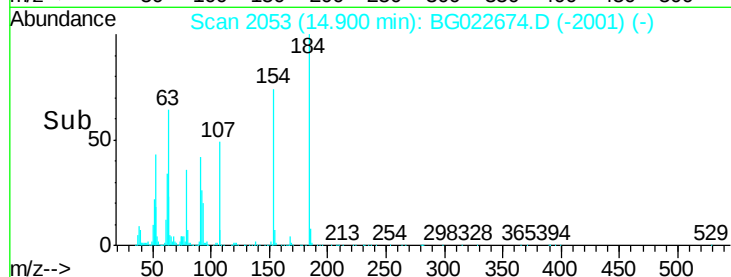
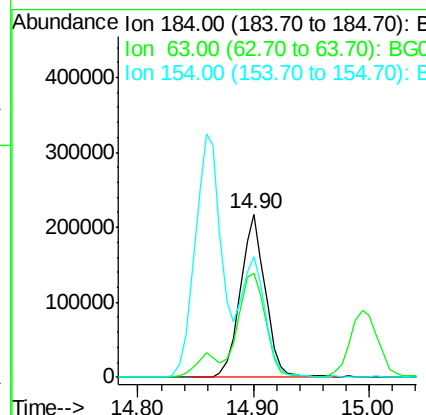
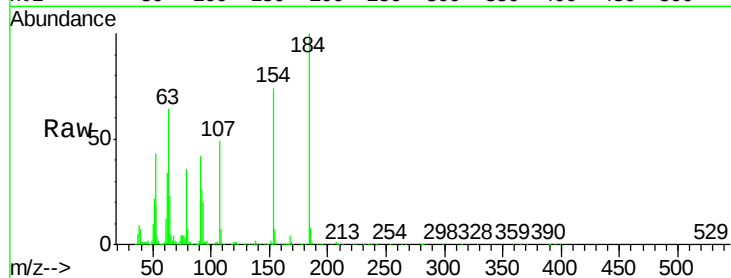




#53
2,4-Dinitrophenol
Concen: 77.70 ng
RT: 14.90 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

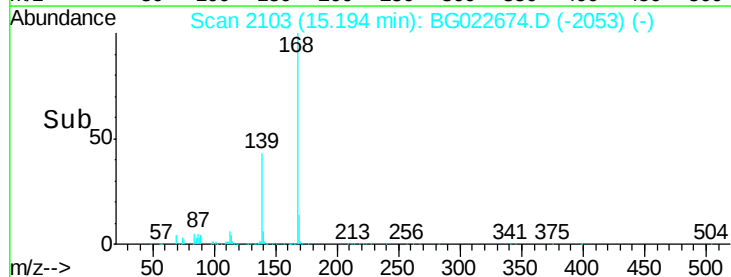
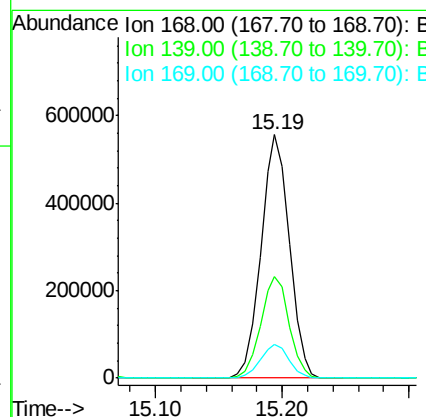
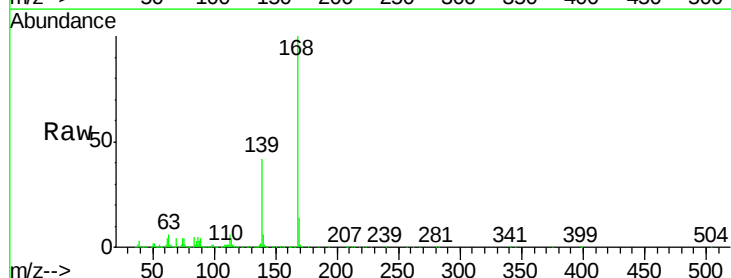
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 325111
Ion Ratio Lower Upper
184 100
63 63.7 59.6 89.4
154 74.1 67.4 101.0



#54
Dibenzofuran
Concen: 23.74 ng
RT: 15.19 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion:168 Resp: 867878
Ion Ratio Lower Upper
168 100
139 41.9 36.4 54.6
169 13.6 11.9 17.9

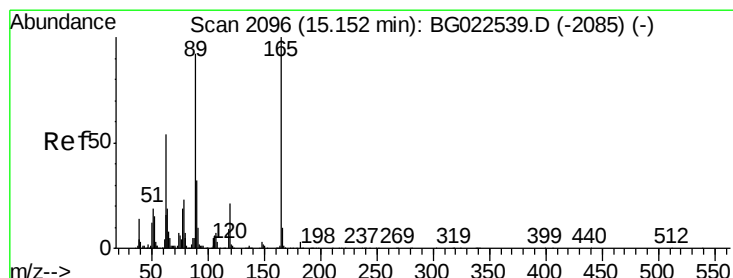
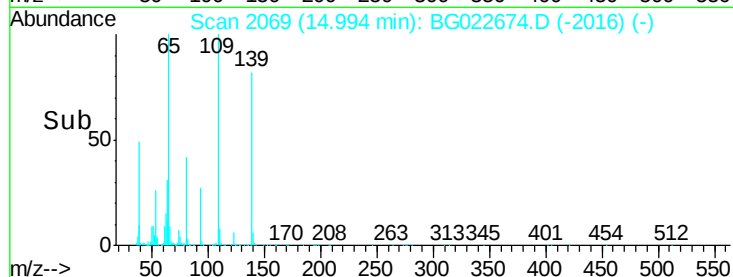
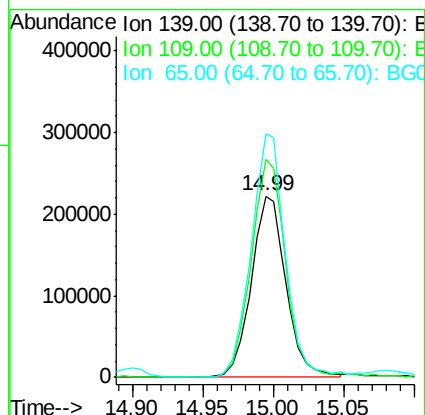
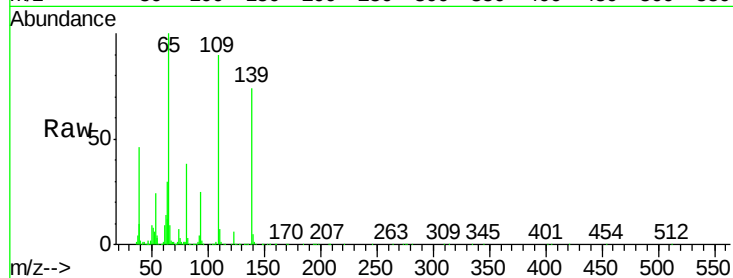




#55
4-Nitrophenol
Concen: 70.88 ng
RT: 14.99 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

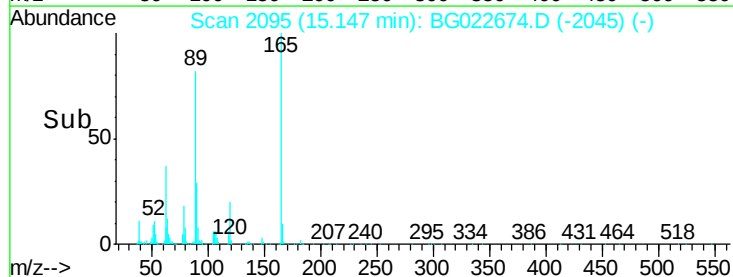
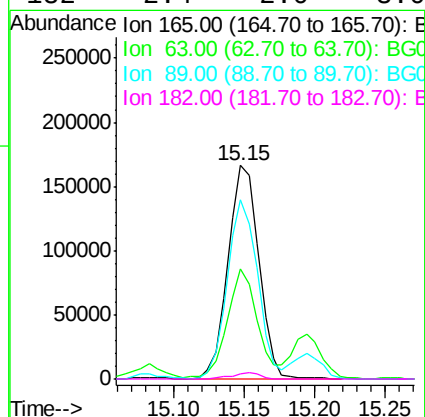
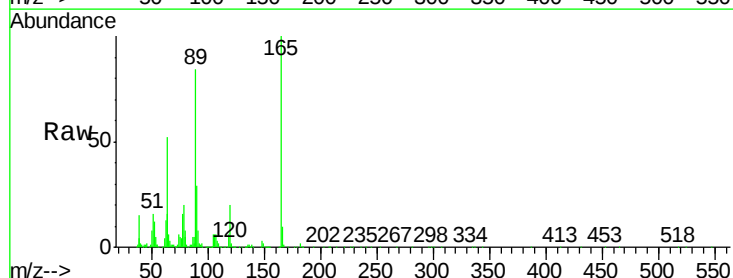
Instrument :
BNA_G
ClientSampleId :

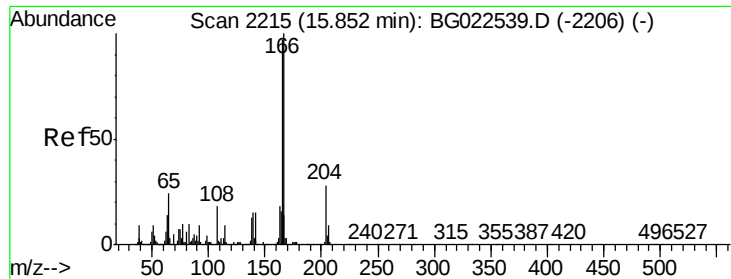
Tgt Ion:139 Resp: 380957
Ion Ratio Lower Upper
139 100
109 120.3 103.0 143.0
65 134.3 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 26.98 ng
RT: 15.15 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion:165 Resp: 253897
Ion Ratio Lower Upper
165 100
63 51.6 45.8 68.6
89 83.7 68.6 102.8
182 2.4 2.0 3.0

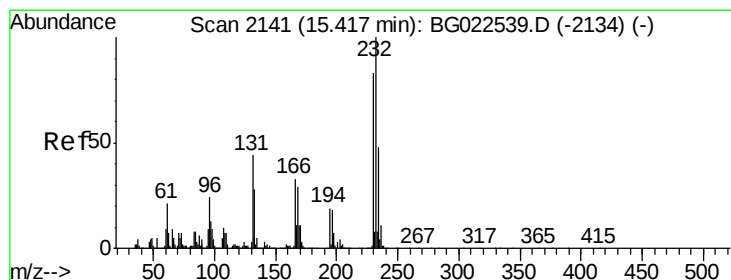
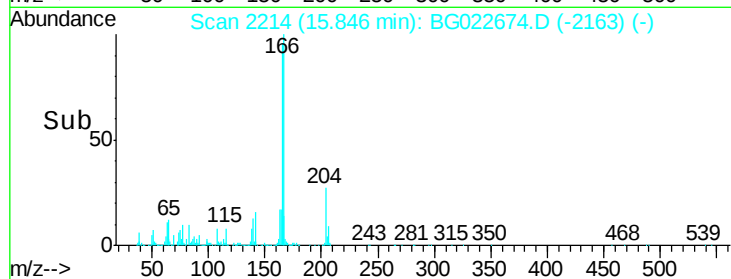
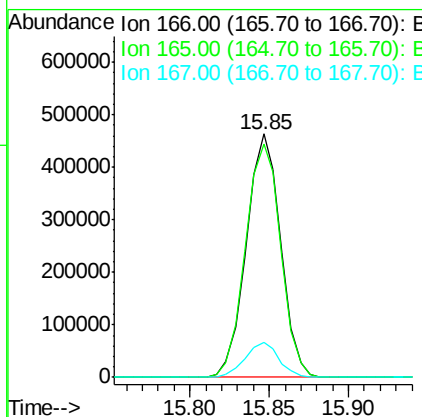
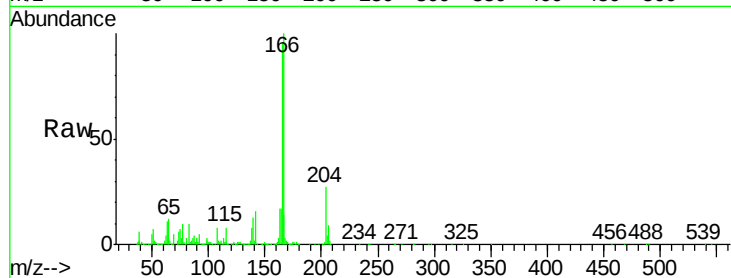




#57
Fluorene
 Concen: 23.88 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

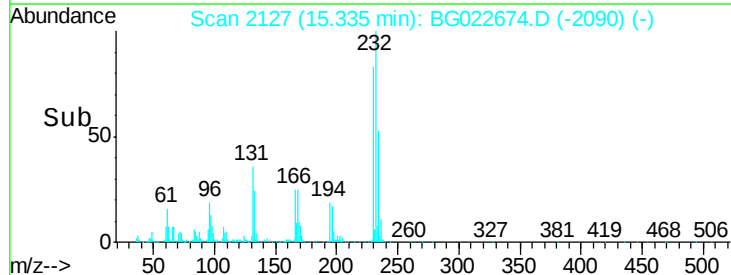
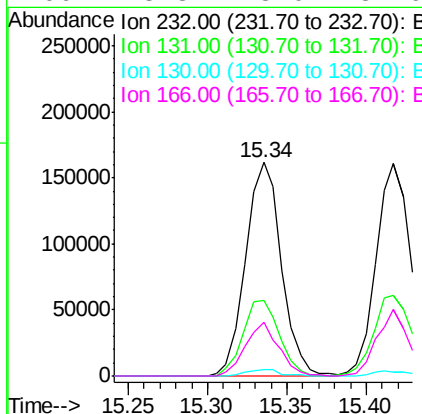
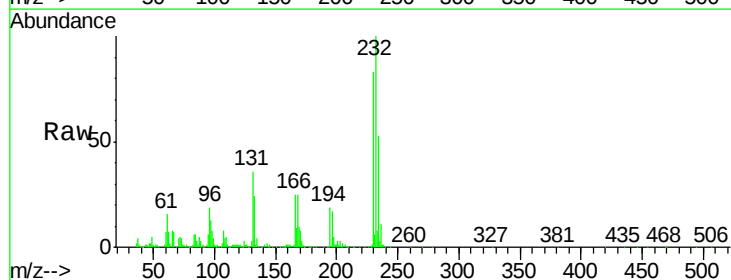
Instrument :
 BNA_G
 ClientSampleId :

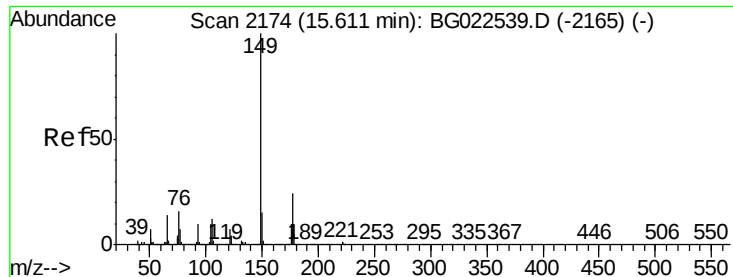
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.0	81.0	121.6
167	14.2	12.0	18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 25.54 ng
 RT: 15.34 min Scan# 2127
 Delta R.T. -0.08 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.4	32.7	49.1
130	2.7	2.6	3.8
166	23.3	23.0	34.6

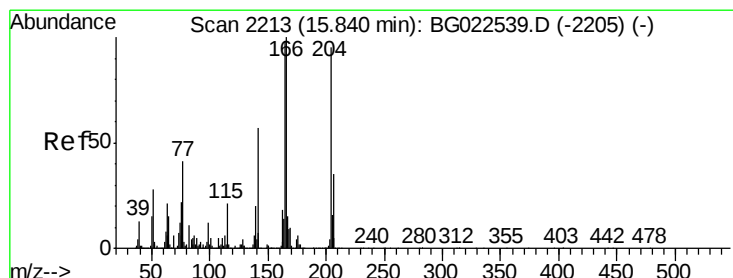
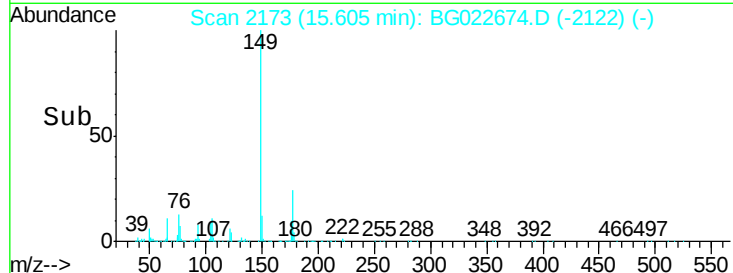
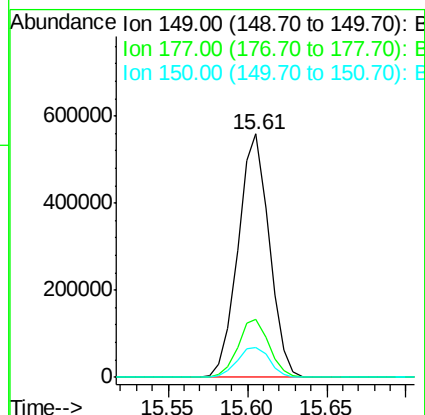
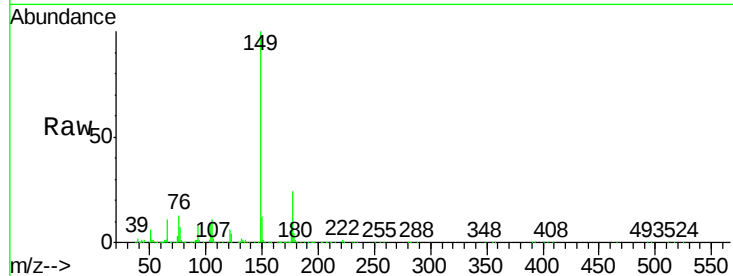




#59
Diethylphthalate
Concen: 23.62 ng
RT: 15.61 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

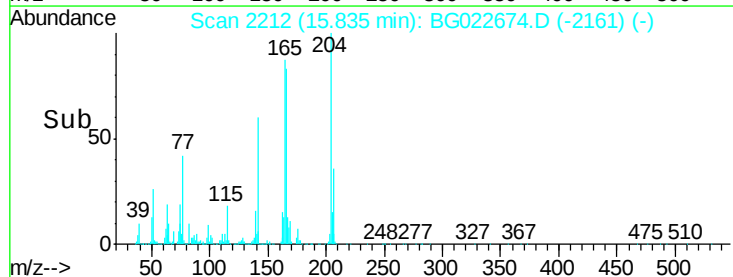
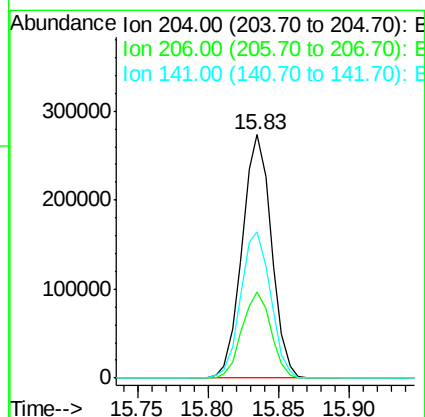
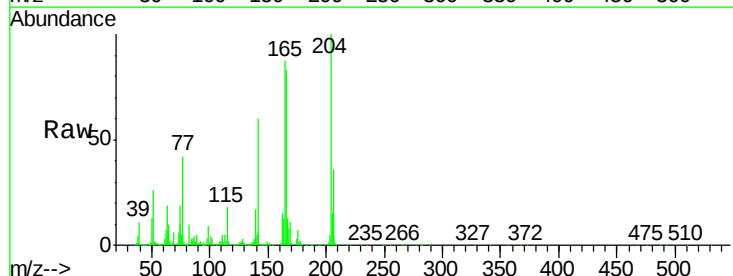
Instrument :
BNA_G
ClientSampleId :

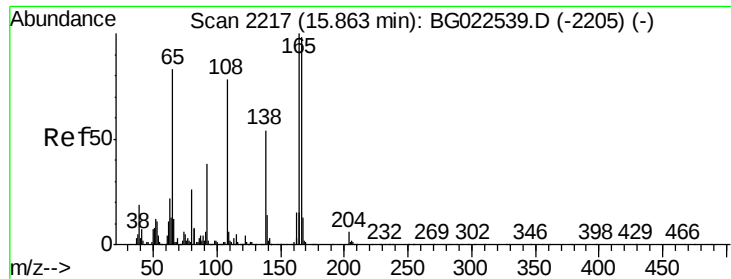
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.2	28.8
150	12.4	10.6	16.0



#60
4-Chlorophenyl-phenylether
Concen: 22.93 ng
RT: 15.83 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.6	28.5	42.7
141	60.1	51.4	77.0

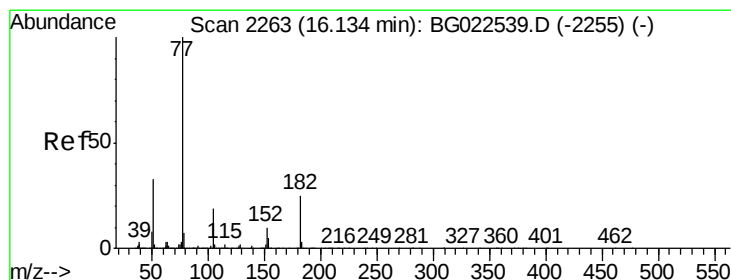
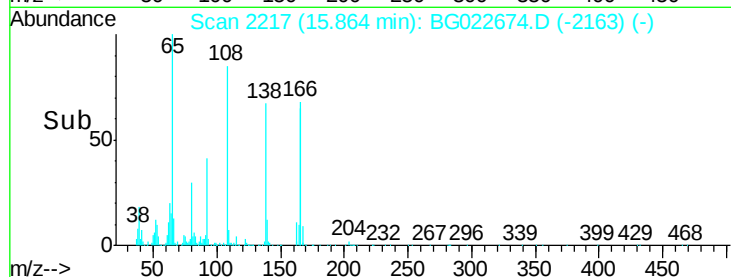
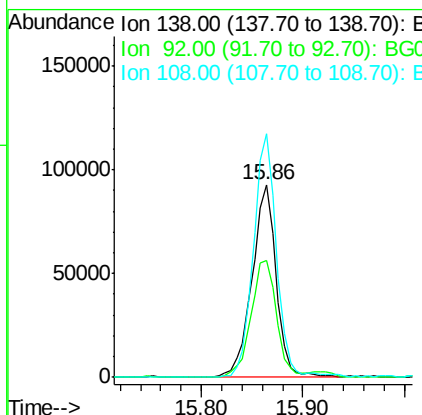
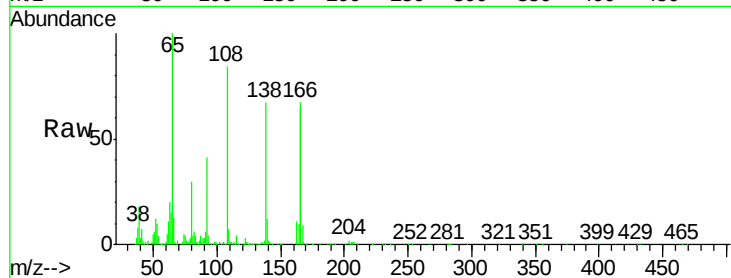




#61
4-Nitroaniline
Concen: 23.41 ng
RT: 15.86 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

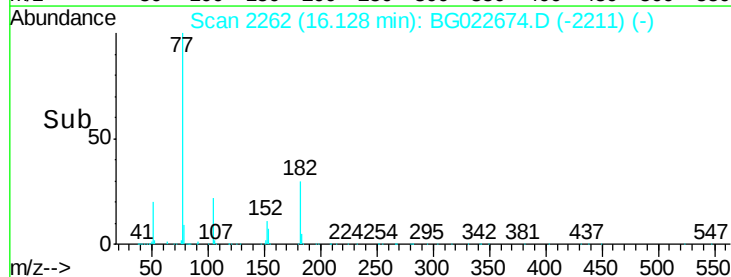
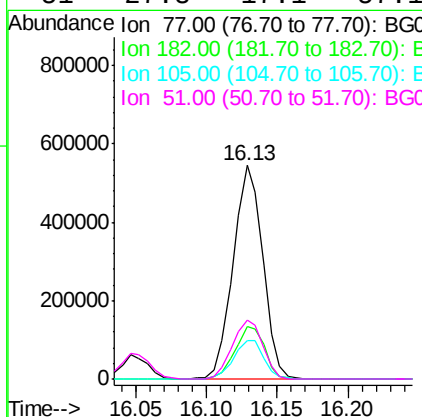
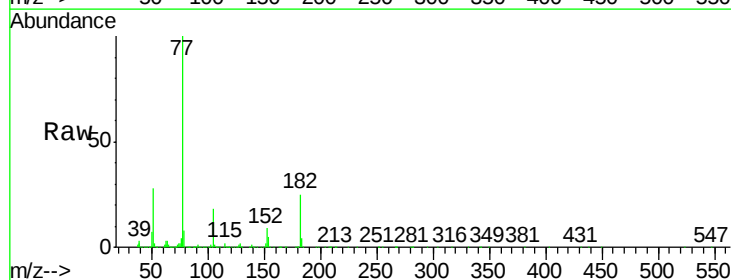
Instrument :
BNA_G
ClientSampleId :

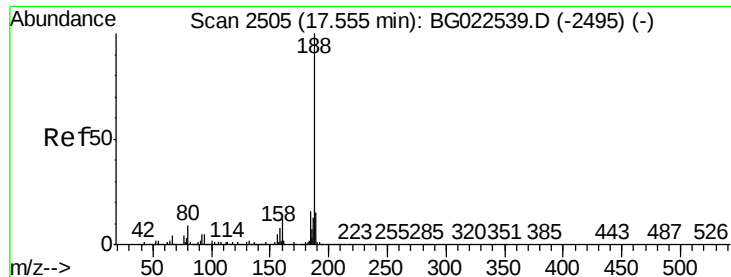
Tgt Ion:138 Resp: 153540
Ion Ratio Lower Upper
138 100
92 60.9 54.1 94.1
108 126.5 133.9 173.9#



#62
Azobenzene
Concen: 22.87 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion: 77 Resp: 795866
Ion Ratio Lower Upper
77 100
182 24.6 3.5 43.5
105 17.8 0.0 38.5
51 27.8 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

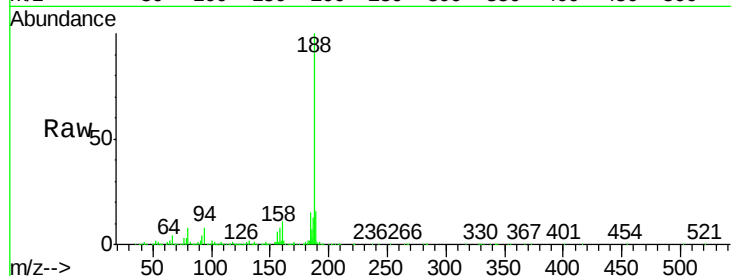
Tgt Ion:188 Resp: 1026348

Ion Ratio Lower Upper

188 100

94 7.6 5.2 7.8

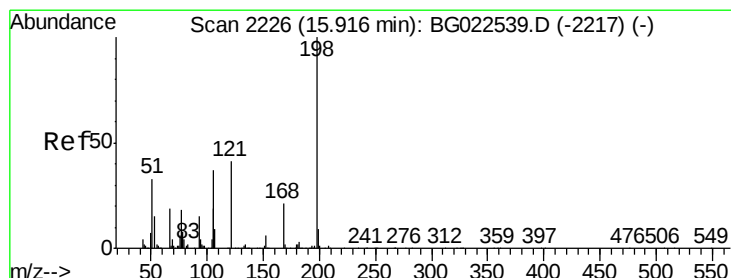
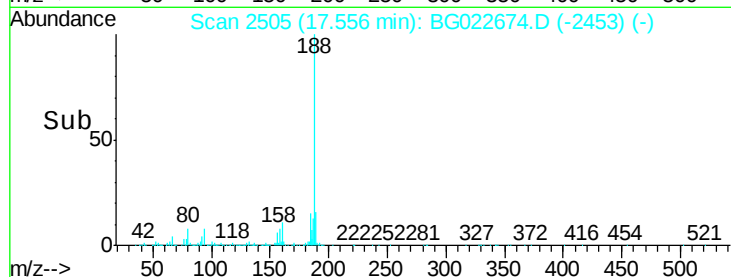
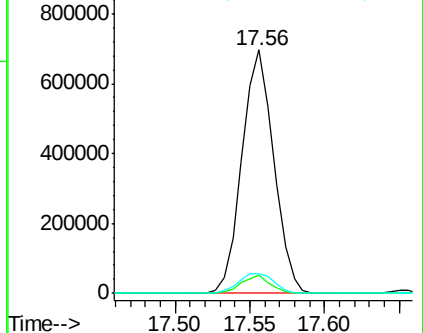
80 8.2 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG022674.D (-2174) (-)

Ion 80.00 (79.70 to 80.70): BG022674.D (-2174) (-)



#64

4,6-Dinitro-2-methylphenol

Concen: 22.26 ng

RT: 15.92 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

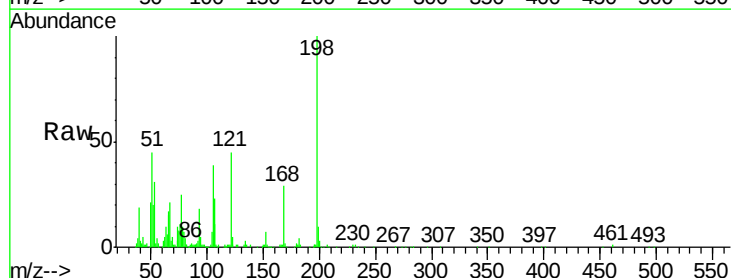
Tgt Ion:198 Resp: 153253

Ion Ratio Lower Upper

198 100

51 45.5 26.0 66.0

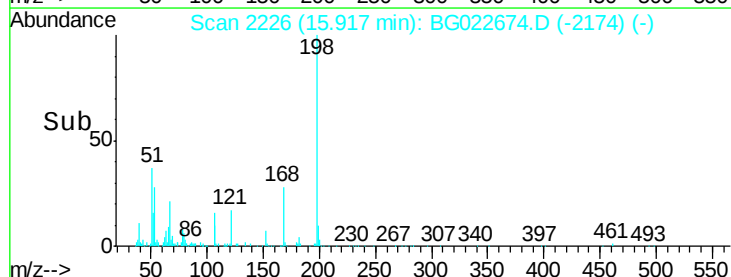
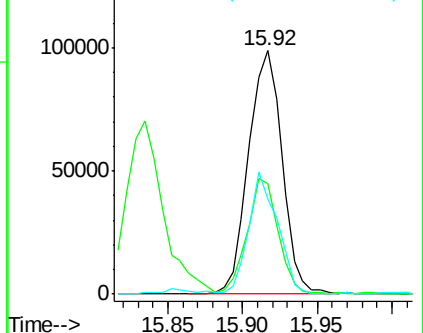
105 39.2 20.1 60.1

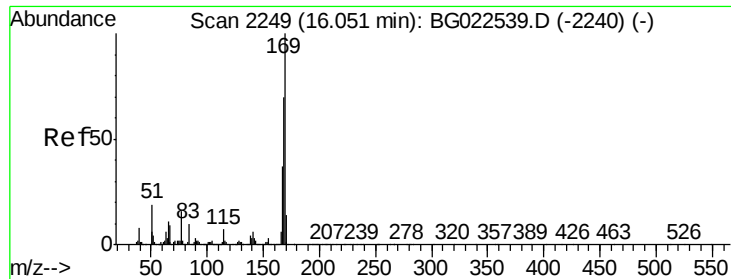


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG022674.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E

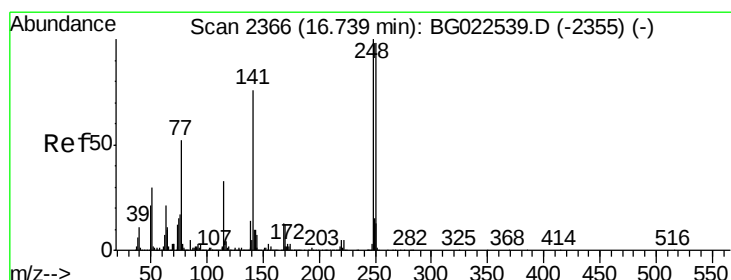
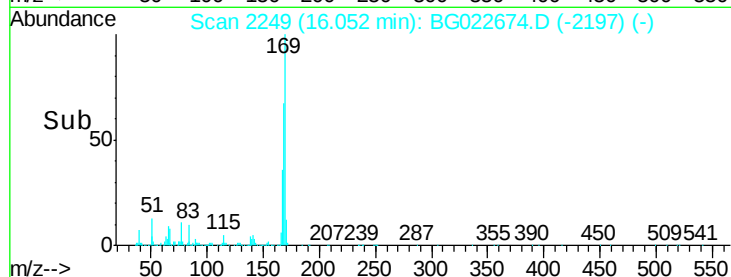
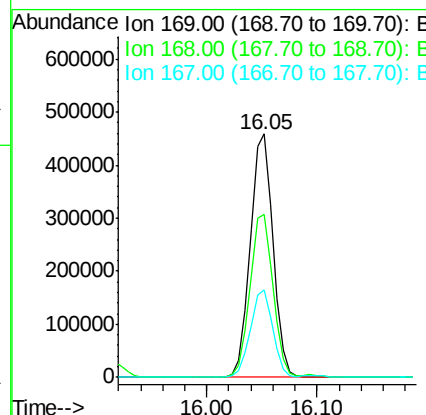
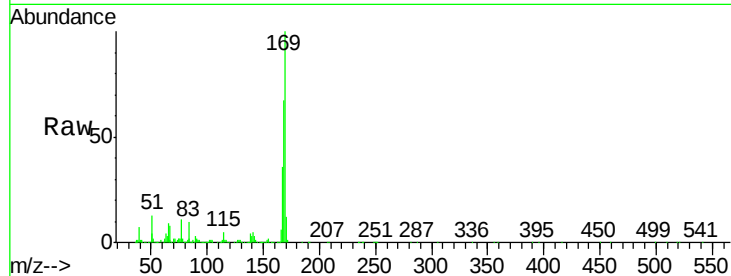




#65
 n-Nitrosodiphenylamine
 Concen: 22.21 ng
 RT: 16.05 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

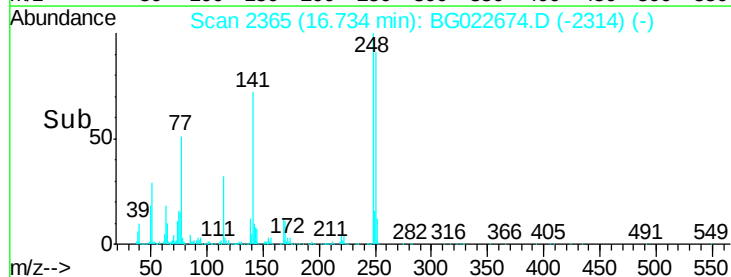
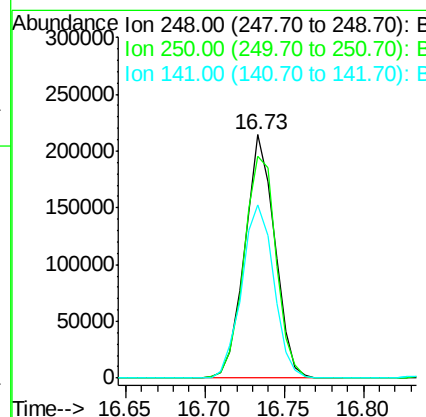
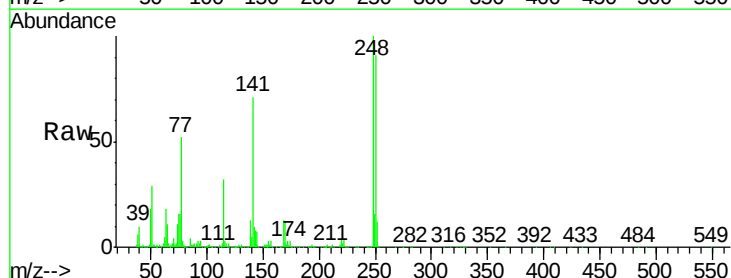
Instrument :
 BNA_G
 ClientSampleId :

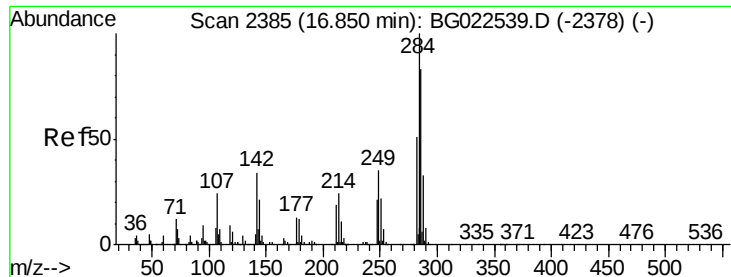
Tgt Ion:169 Resp: 663228
 Ion Ratio Lower Upper
 169 100
 168 66.8 55.0 82.4
 167 35.9 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 21.13 ng
 RT: 16.73 min Scan# 2365
 Delta R.T. -0.00 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

Tgt Ion:248 Resp: 281392
 Ion Ratio Lower Upper
 248 100
 250 90.9 77.8 116.8
 141 71.4 65.7 98.5





#67

Hexachlorobenzene

Concen: 22.25 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampled :

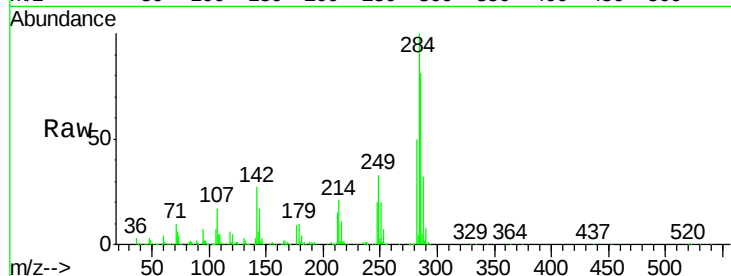
Tgt Ion:284 Resp: 313278

Ion Ratio Lower Upper

284 100

142 27.0 26.8 40.2

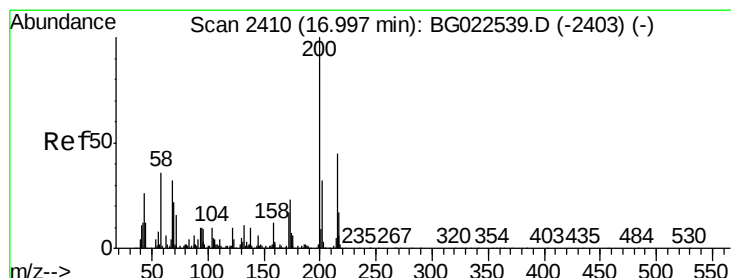
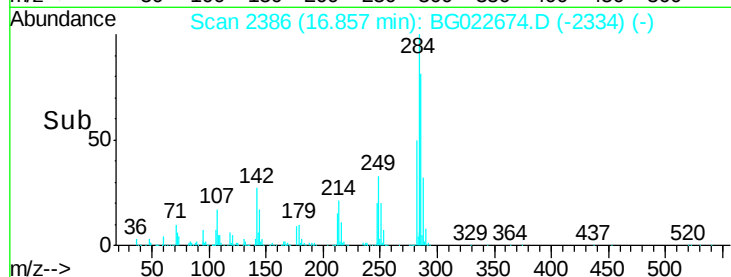
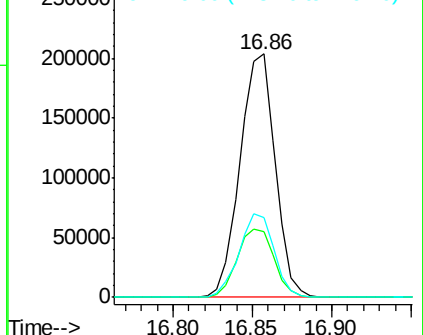
249 32.7 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 15.10 ng

RT: 17.00 min Scan# 2410

Delta R.T. 0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

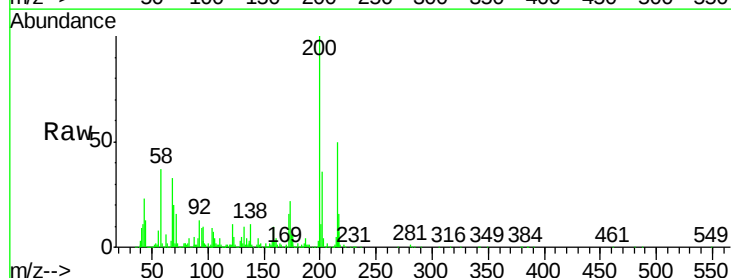
Tgt Ion:200 Resp: 190412

Ion Ratio Lower Upper

200 100

173 22.1 1.6 41.6

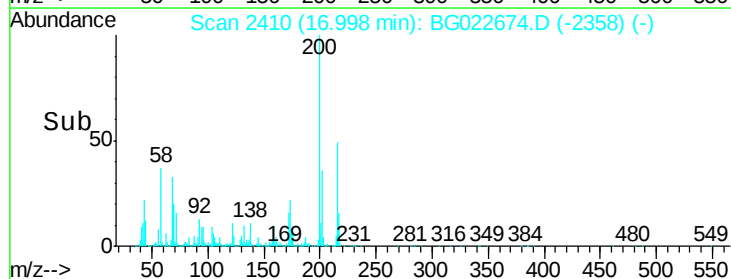
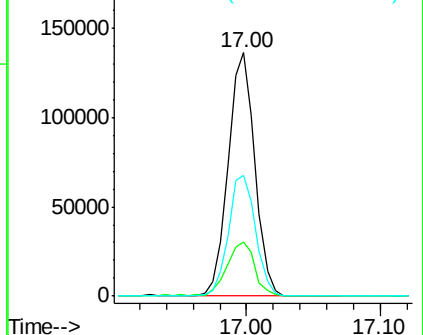
215 49.6 28.7 68.7

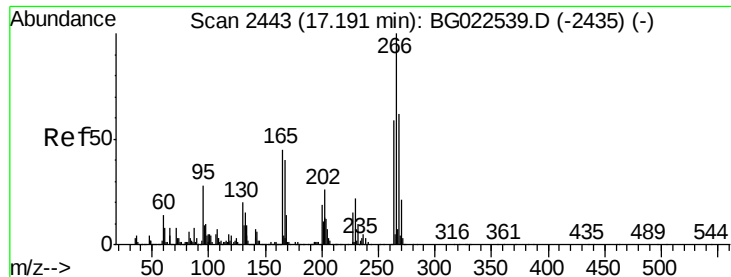


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 64.90 ng

RT: 17.20 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

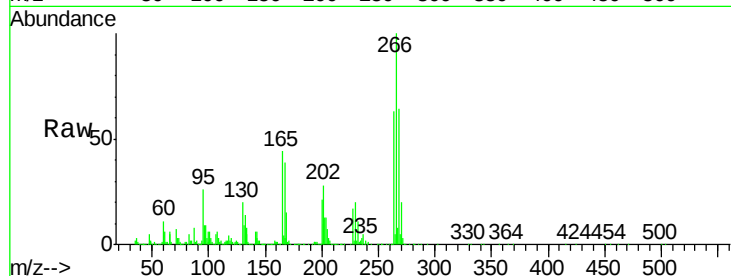
Tgt Ion:266 Resp: 628803

Ion Ratio Lower Upper

266 100

268 64.5 51.9 77.9

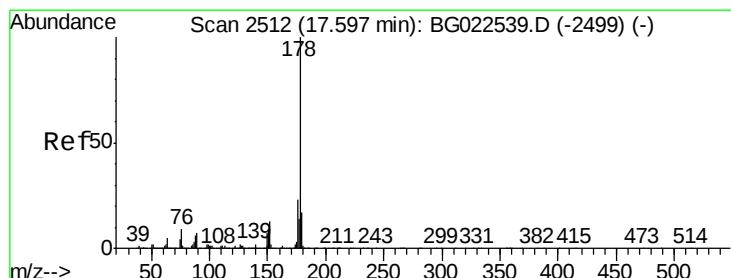
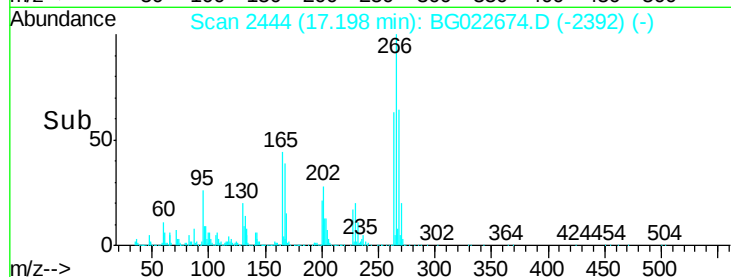
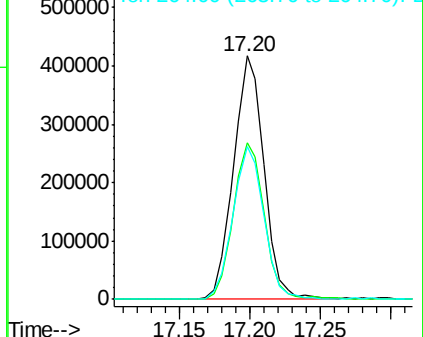
264 62.6 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 23.53 ng

RT: 17.60 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

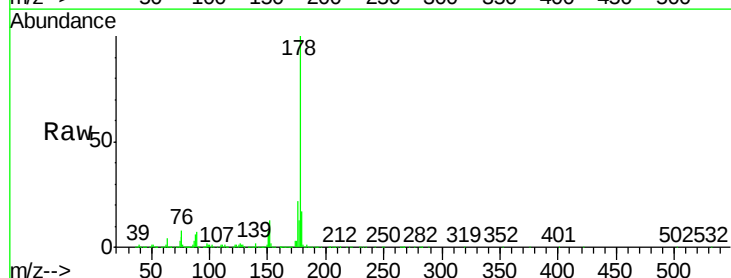
Tgt Ion:178 Resp: 1231589

Ion Ratio Lower Upper

178 100

176 21.5 16.8 25.2

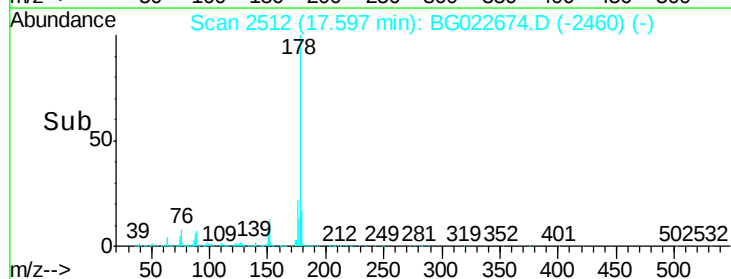
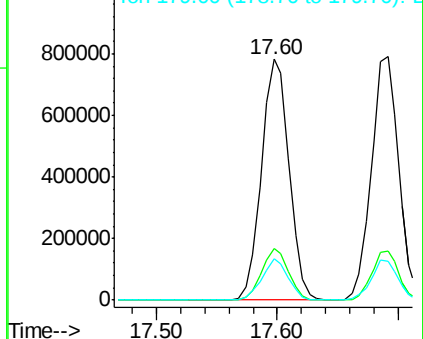
179 17.2 14.3 21.5

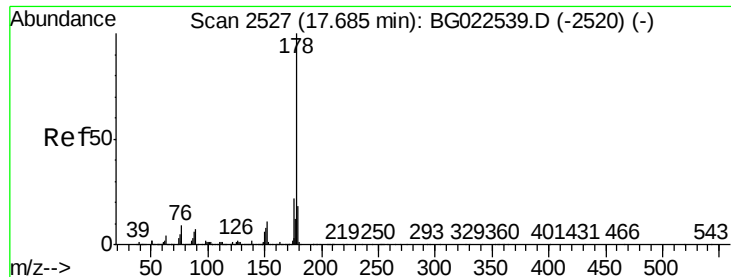


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

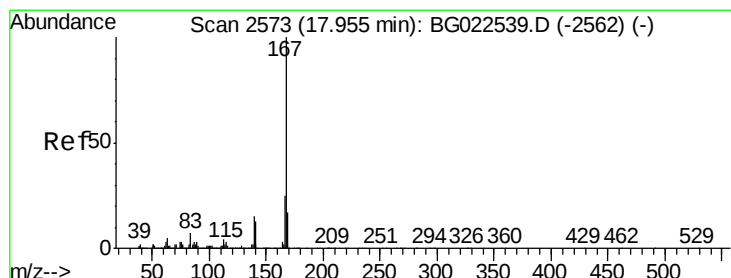
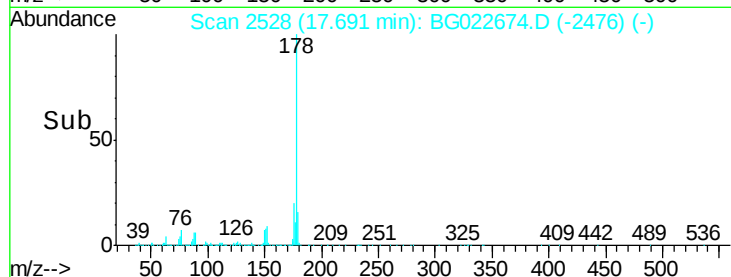
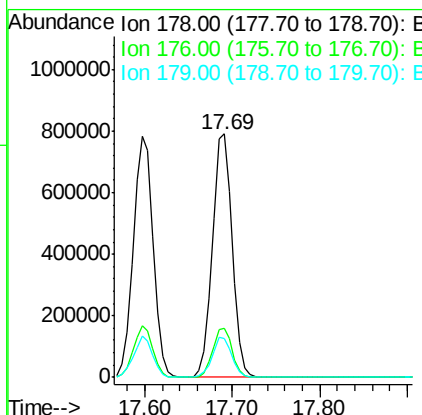
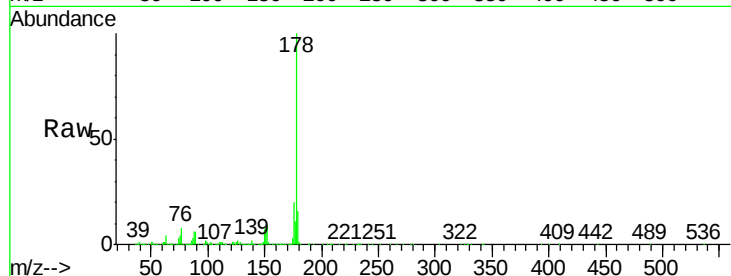




#71
 Anthracene
 Concen: 23.09 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. 0.01 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

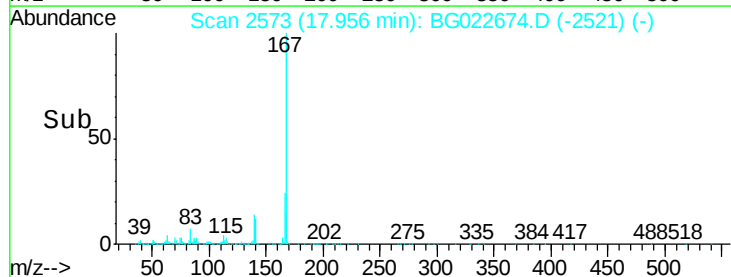
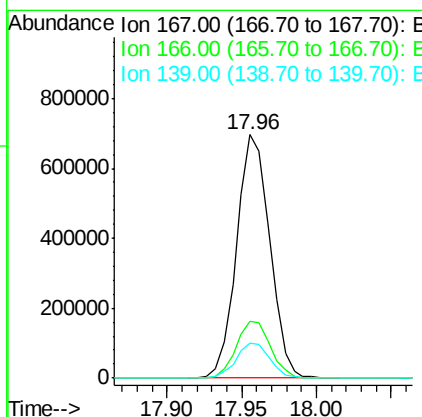
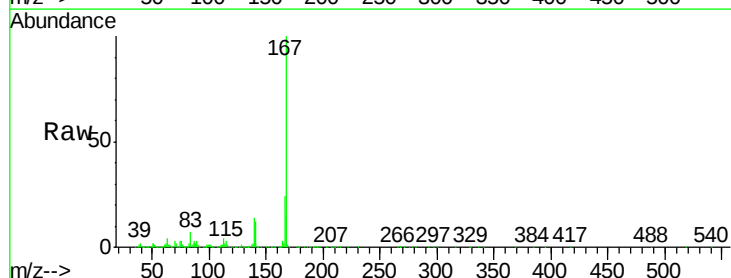
Instrument :
 BNA_G
 ClientSampleId :

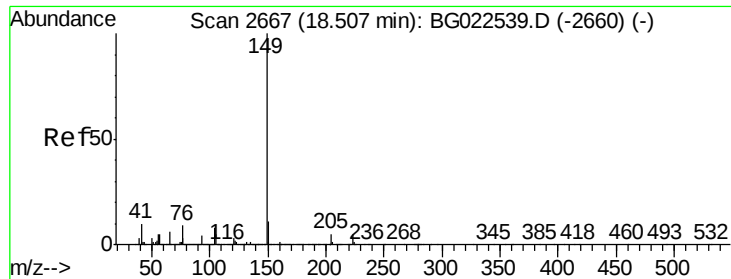
Tgt Ion:178 Resp: 1244019
 Ion Ratio Lower Upper
 178 100
 176 20.0 17.3 25.9
 179 16.2 14.0 21.0



#72
 Carbazole
 Concen: 23.59 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. 0.01 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

Tgt Ion:167 Resp: 1077364
 Ion Ratio Lower Upper
 167 100
 166 23.5 20.7 31.1
 139 14.1 11.9 17.9

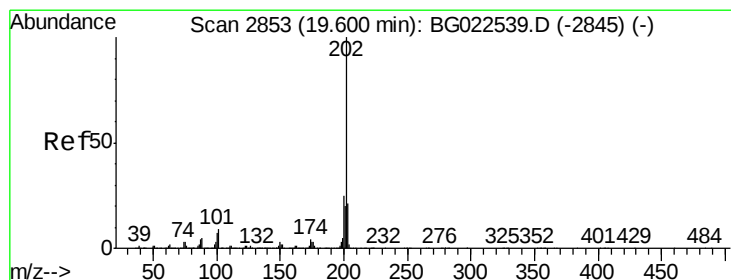
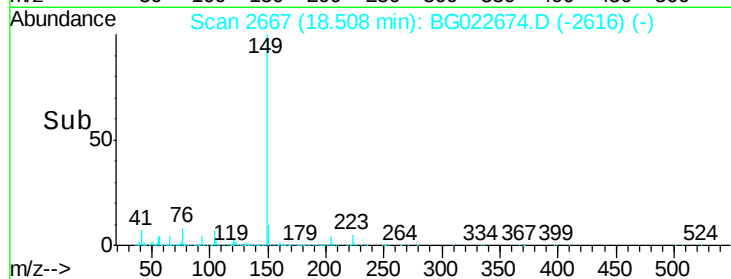
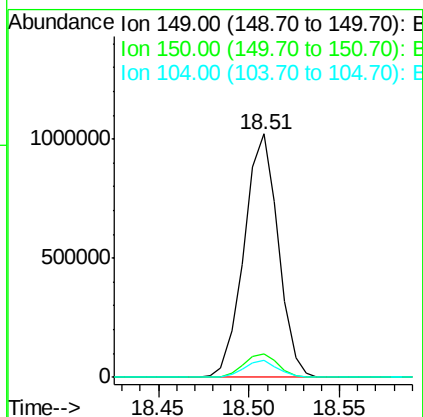
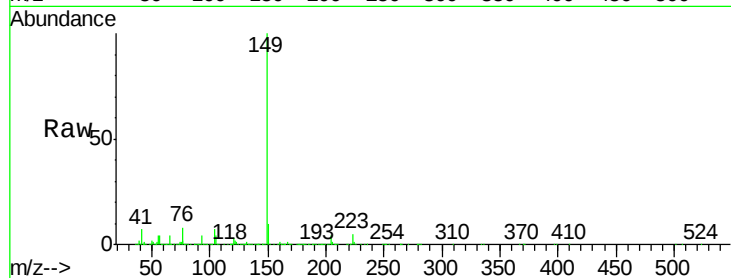




#73
Di-n-butylphthalate
Concen: 25.04 ng
RT: 18.51 min Scan# 2667
Delta R.T. -0.00 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

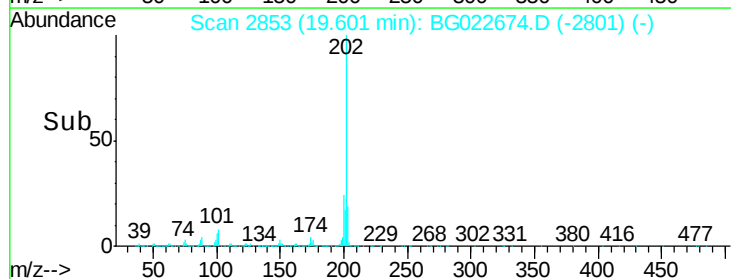
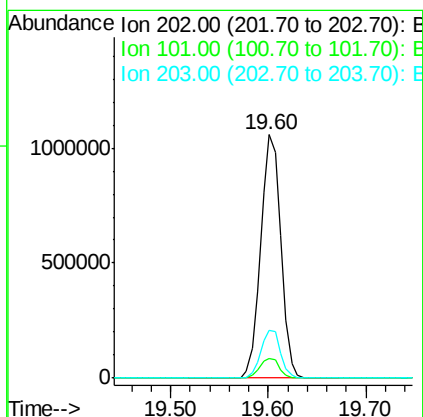
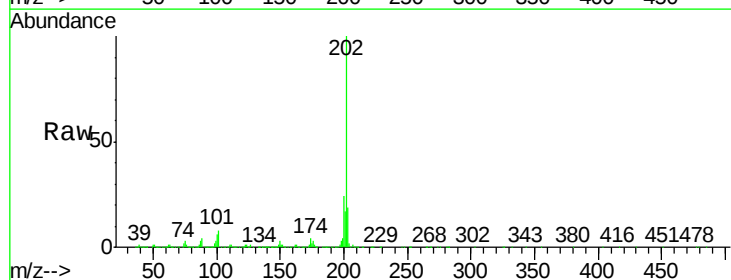
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 1331746
Ion Ratio Lower Upper
149 100
150 9.6 9.1 13.7
104 7.0 6.9 10.3



#74
Fluoranthene
Concen: 25.48 ng
RT: 19.60 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion:202 Resp: 1536528
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.4
203 19.4 1.7 41.7

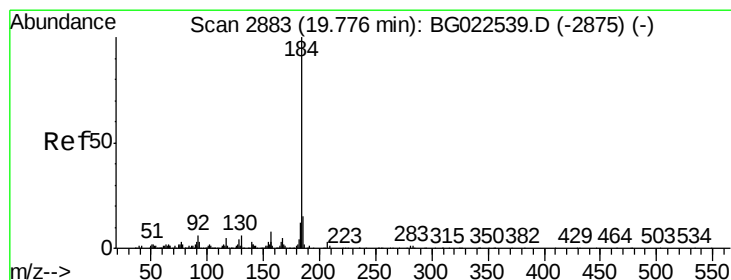
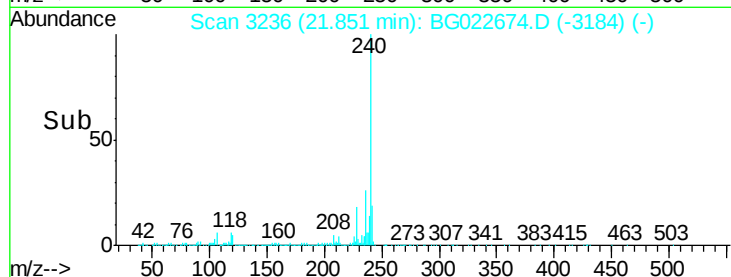
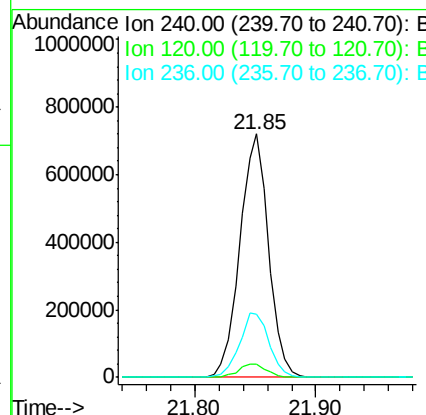
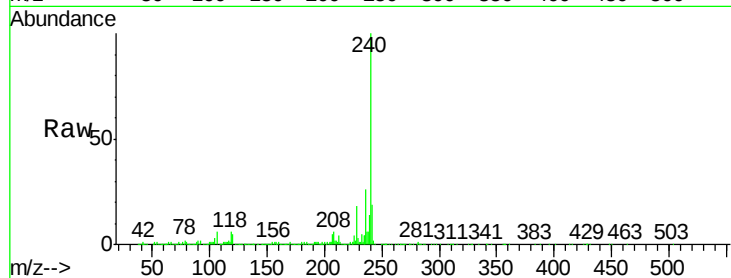




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

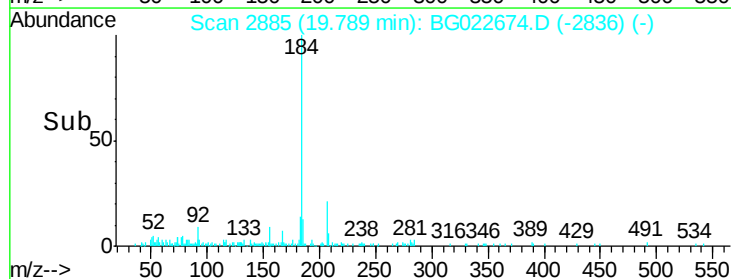
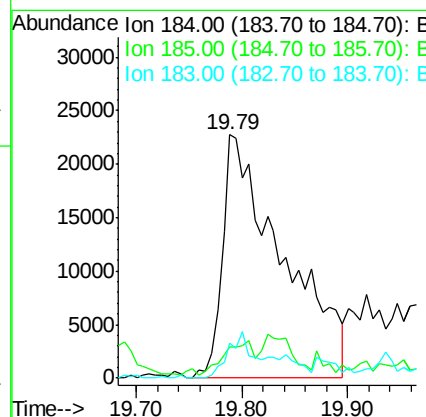
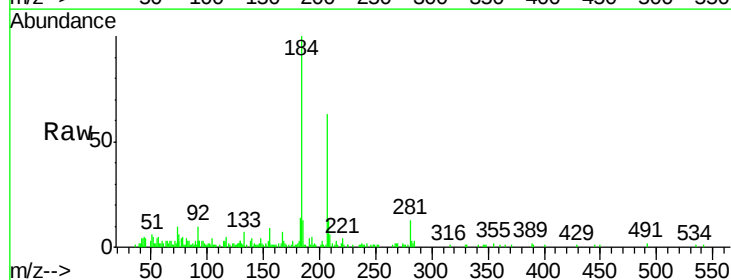
Instrument :
BNA_G
ClientSampleId :

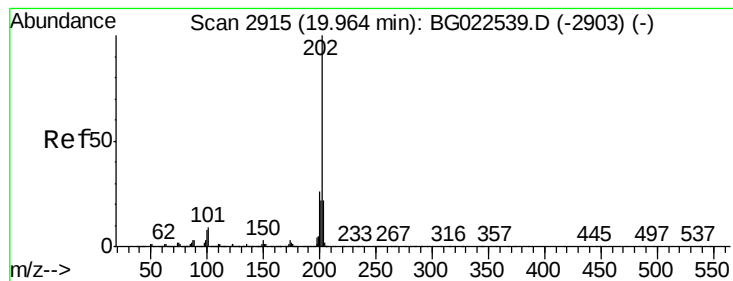
Tgt Ion:240 Resp: 1187822
Ion Ratio Lower Upper
240 100
120 5.5 4.1 6.1
236 26.1 21.1 31.7



#76
Benzidine
Concen: 7.13 ng
RT: 19.79 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion:184 Resp: 90189
Ion Ratio Lower Upper
184 100
185 12.7 12.6 19.0
183 14.2 10.7 16.1





#77

Pyrene

Concen: 24.46 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

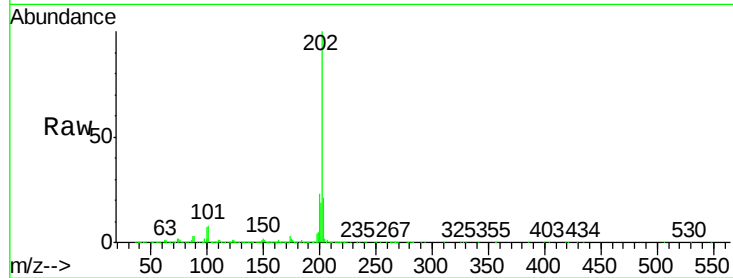
Tgt Ion:202 Resp: 1547236

Ion Ratio Lower Upper

202 100

200 23.1 21.2 31.8

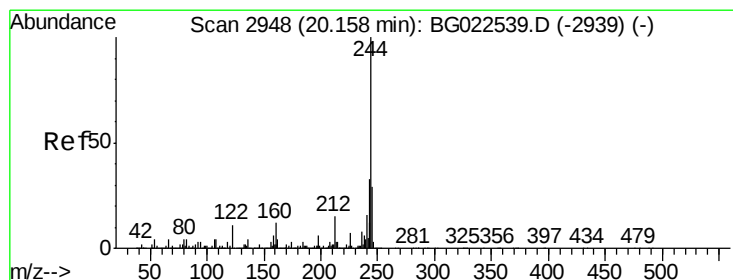
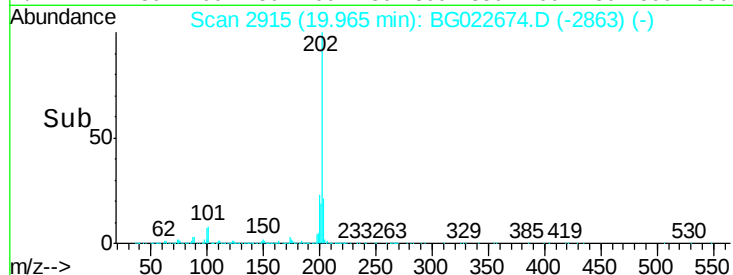
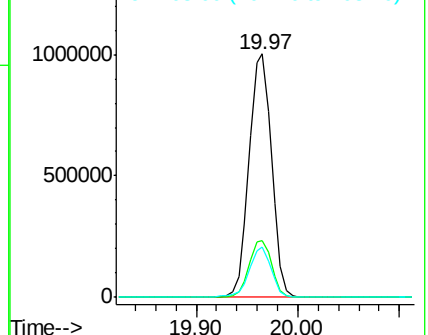
203 20.7 16.8 25.2



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



#78

Terphenyl-d14

Concen: 74.04 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

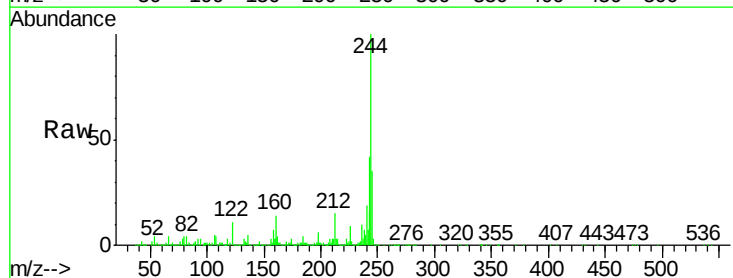
Tgt Ion:244 Resp: 3319271

Ion Ratio Lower Upper

244 100

212 14.9 10.8 16.2

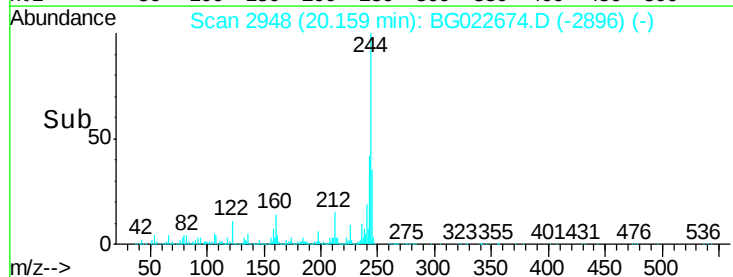
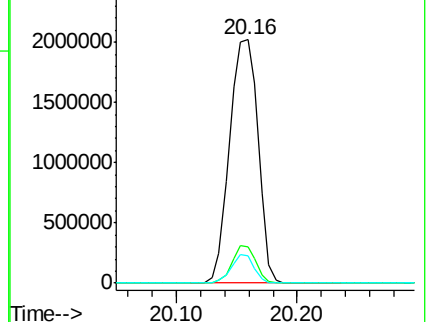
122 11.3 8.0 12.0

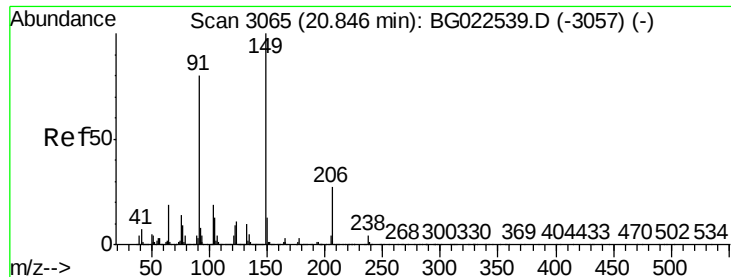


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

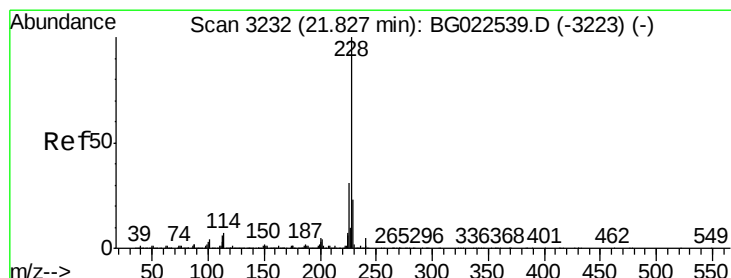
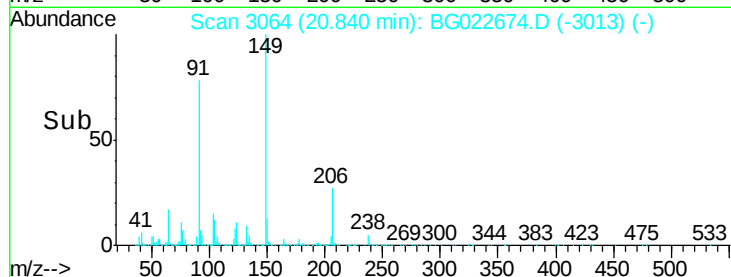
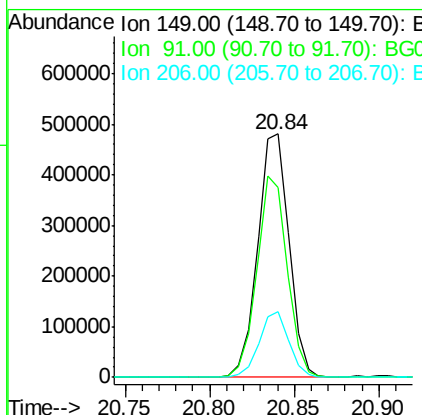
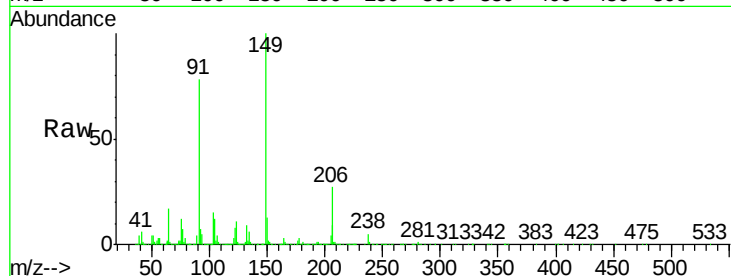




#79
Butylbenzylphthalate
Concen: 22.45 ng
RT: 20.84 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

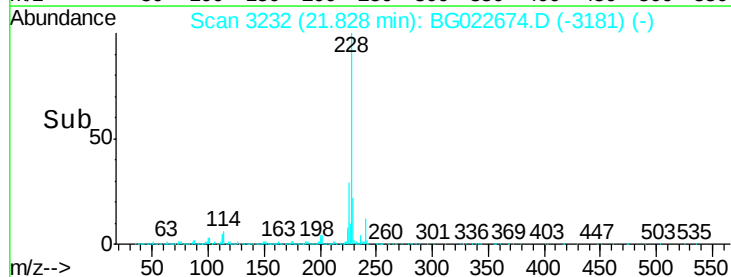
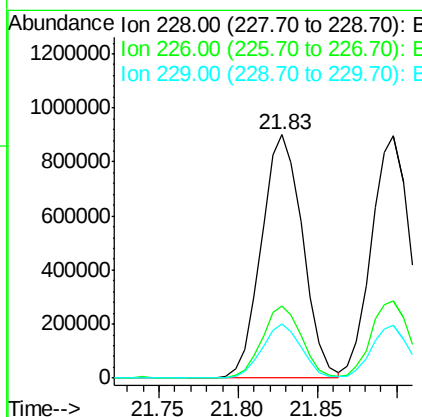
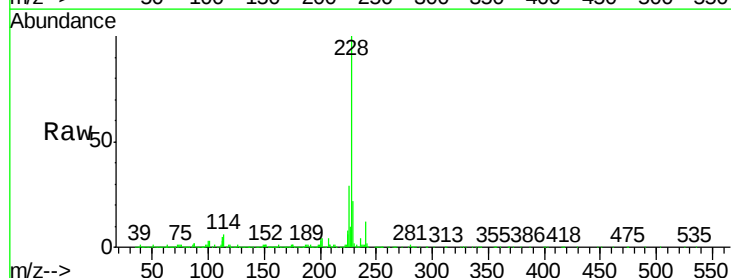
Instrument :
BNA_G
ClientSampleId :

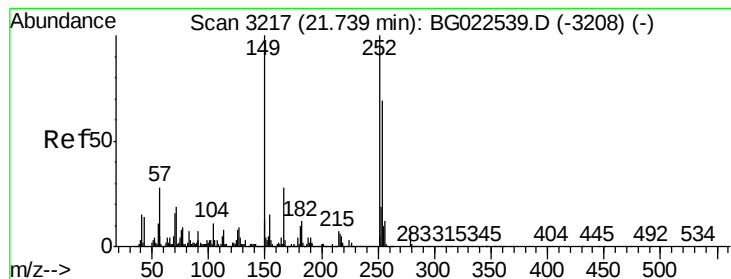
Tgt Ion:149 Resp: 614810
Ion Ratio Lower Upper
149 100
91 78.1 68.1 102.1
206 27.1 19.8 29.6



#80
Benzo(a)anthracene
Concen: 24.78 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion:228 Resp: 1628412
Ion Ratio Lower Upper
228 100
226 29.5 25.3 37.9
229 22.0 19.9 29.9





#81

3,3'-Dichlorobenzidine

Concen: 8.14 ng

RT: 21.74 min Scan# 3217

Delta R.T. 0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

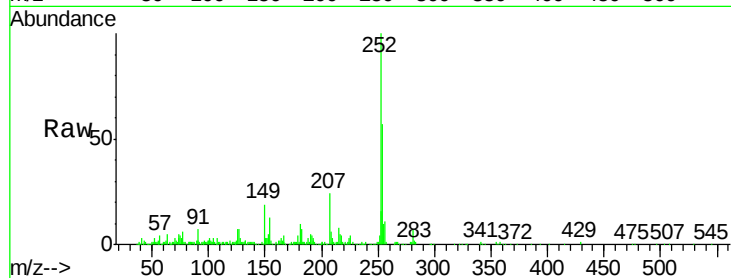
Tgt Ion:252 Resp: 221024

Ion Ratio Lower Upper

252 100

254 57.2 51.2 76.8

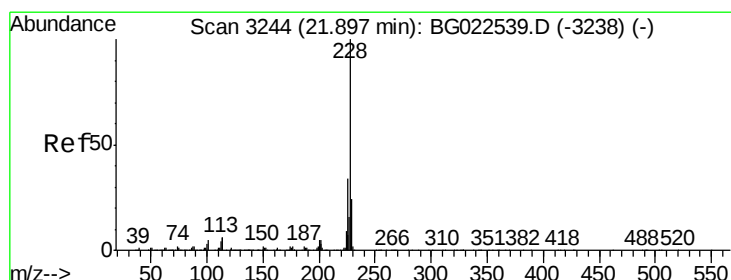
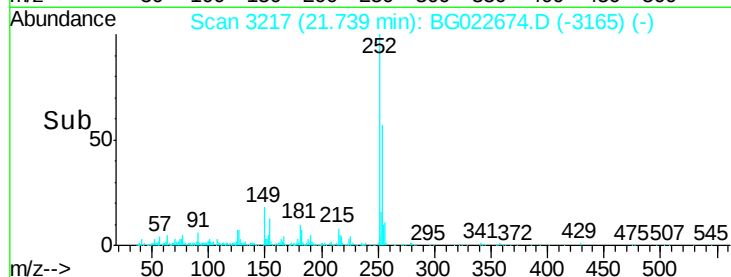
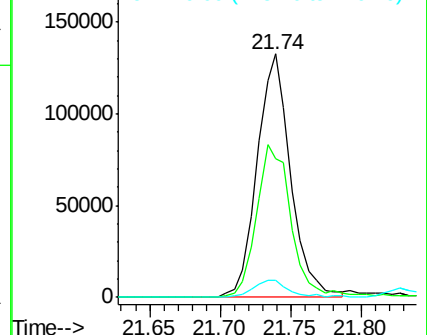
126 6.8 5.3 7.9



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



#82

Chrysene

Concen: 24.59 ng

RT: 21.90 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

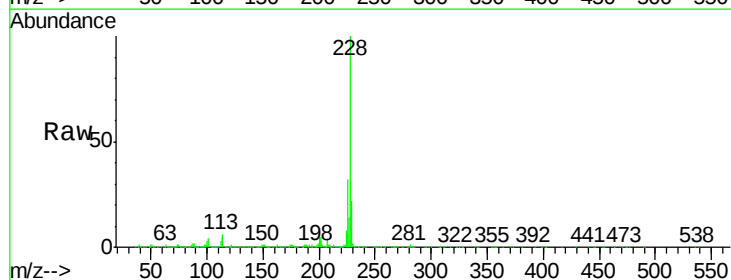
Tgt Ion:228 Resp: 1518738

Ion Ratio Lower Upper

228 100

226 31.9 26.7 40.1

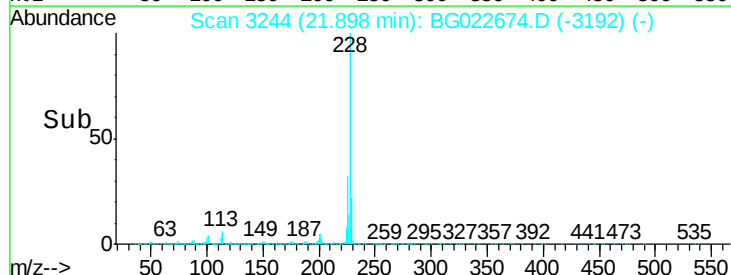
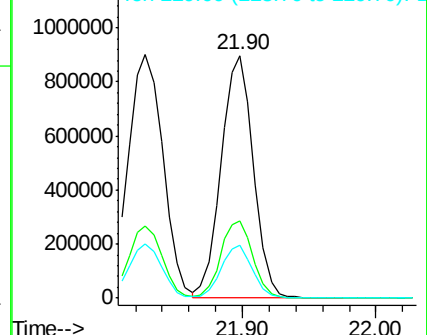
229 22.0 17.4 26.2

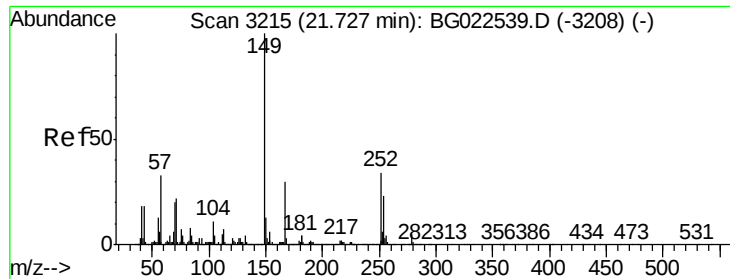


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 21.72 ng

RT: 21.72 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

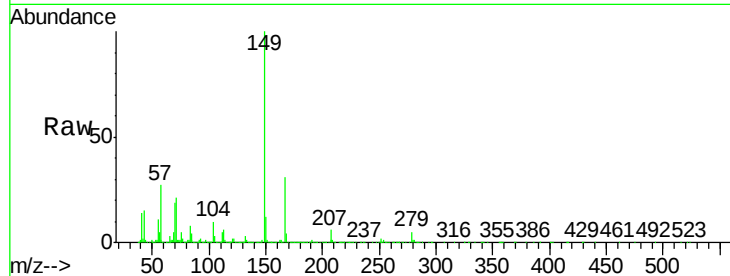
Tgt Ion:149 Resp: 837443

Ion Ratio Lower Upper

149 100

167 30.5 24.0 36.0

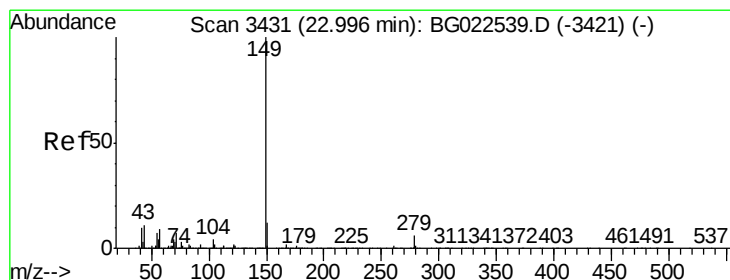
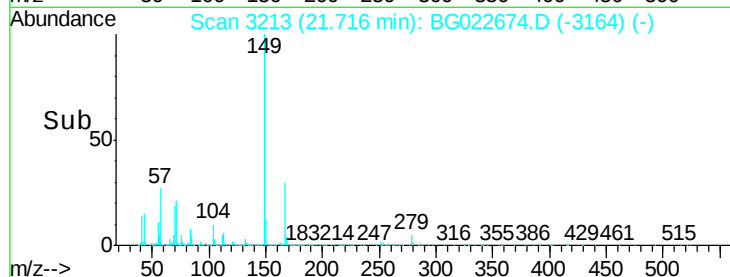
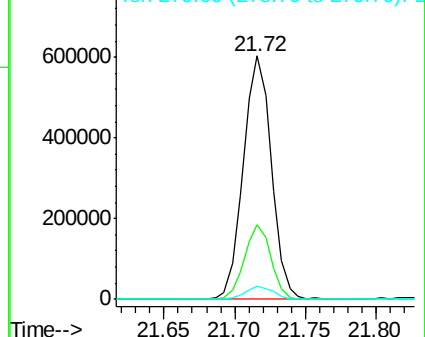
279 5.2 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 22.31 ng

RT: 22.98 min Scan# 3428

Delta R.T. -0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

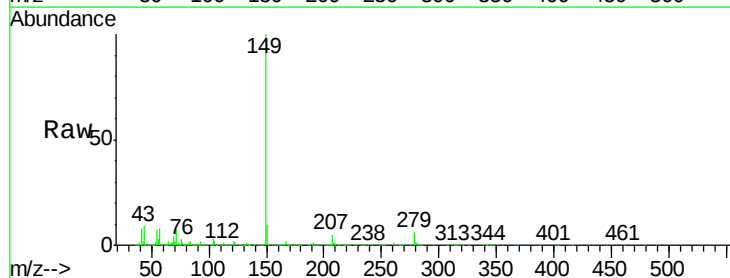
Tgt Ion:149 Resp: 1417903

Ion Ratio Lower Upper

149 100

167 1.7 1.5 2.3

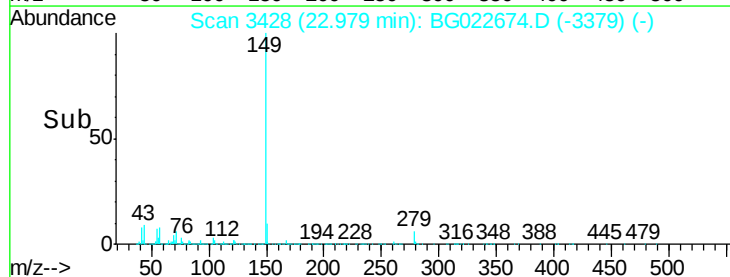
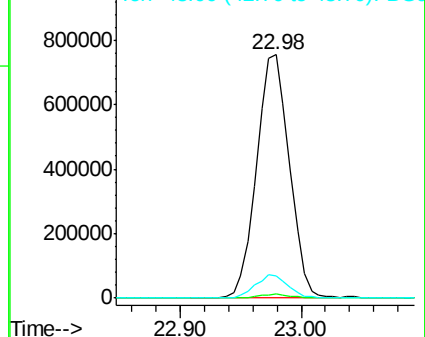
43 9.3 8.8 13.2

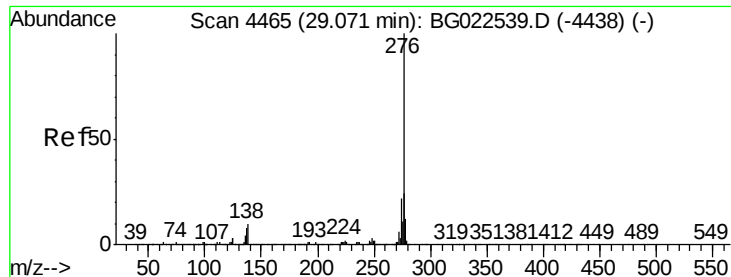


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

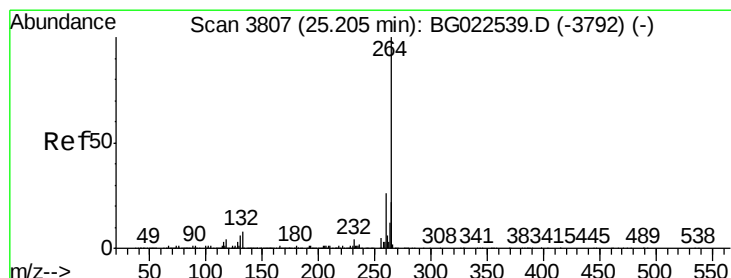
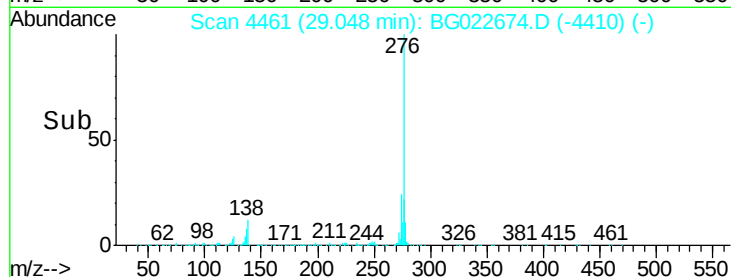
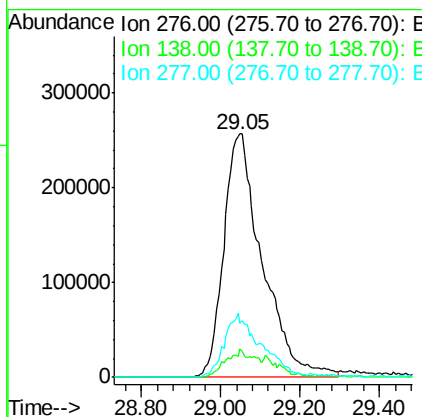
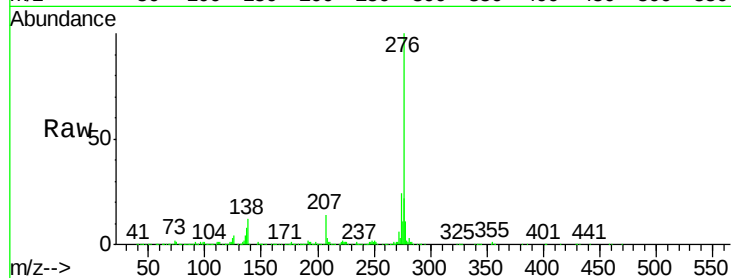




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.33 ng
 RT: 29.05 min Scan# 4461
 Delta R.T. -0.00 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

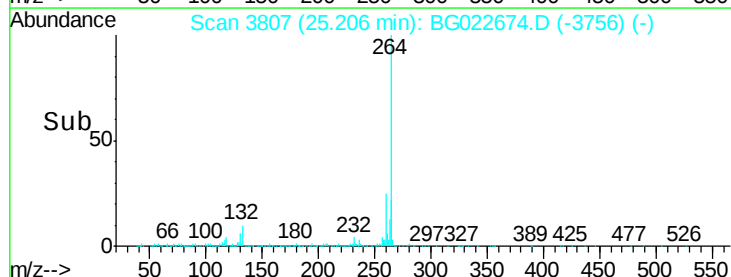
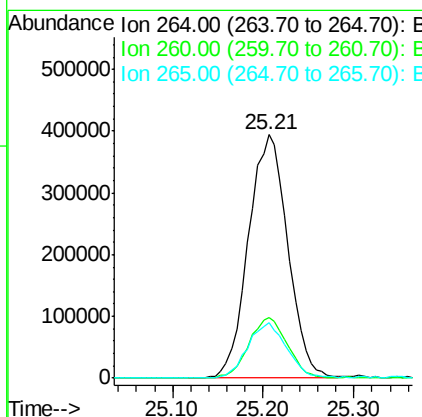
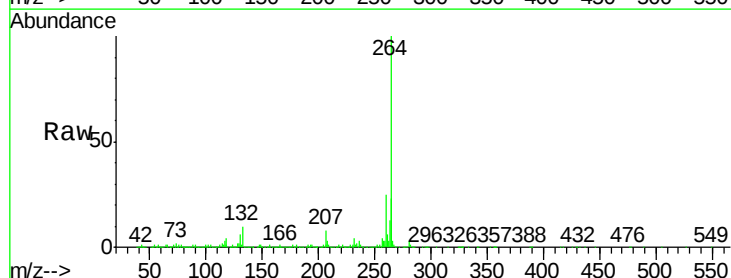
Instrument :
 BNA_G
 ClientSampleId :

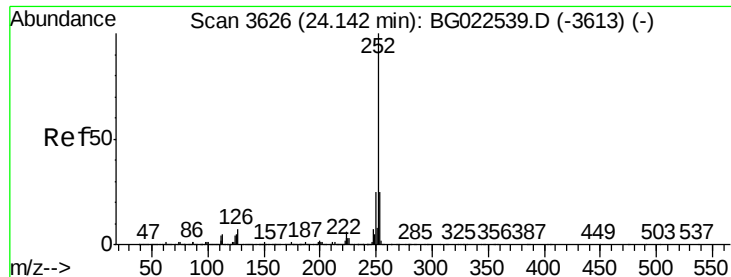
Tgt Ion: 276 Resp: 1731319
 Ion Ratio Lower Upper
 276 100
 138 6.9 0.0 0.0#
 277 24.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3807
 Delta R.T. -0.00 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

Tgt Ion: 264 Resp: 1189414
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.4 27.6
 265 22.6 18.9 28.3

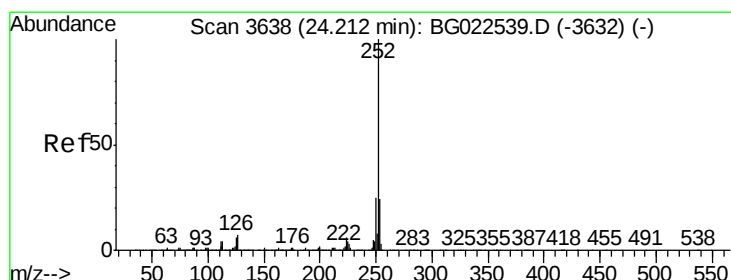
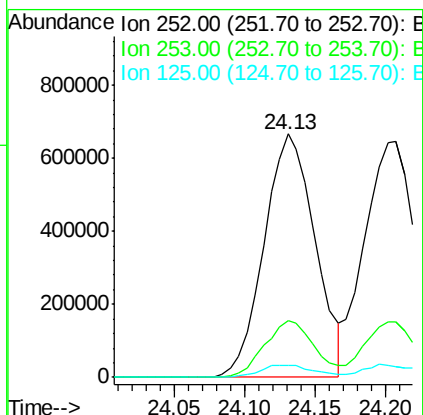
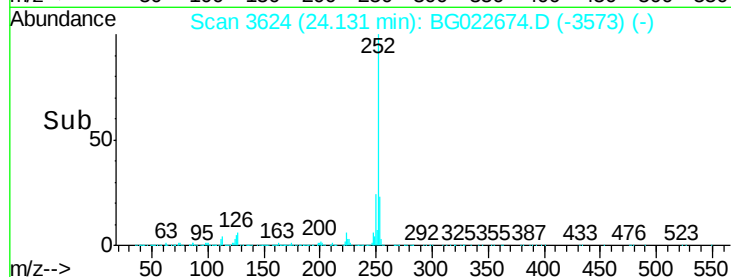
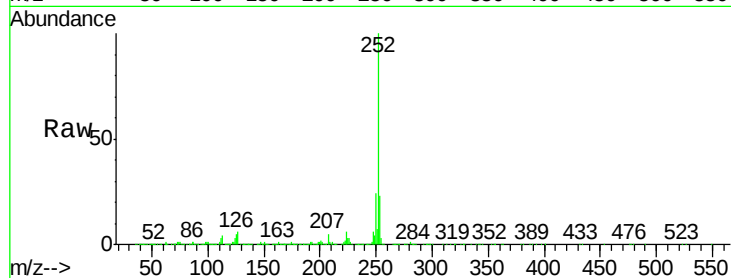




#87
Benzo(b)fluoranthene
Concen: 23.47 ng
RT: 24.13 min Scan# 3624
Delta R.T. -0.00 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

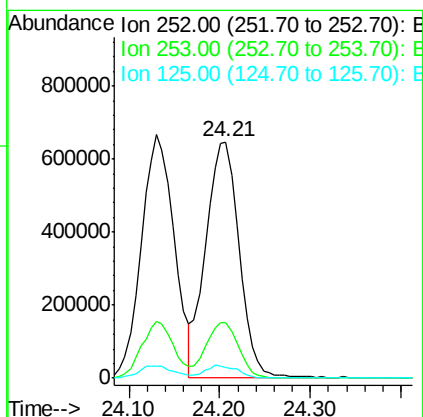
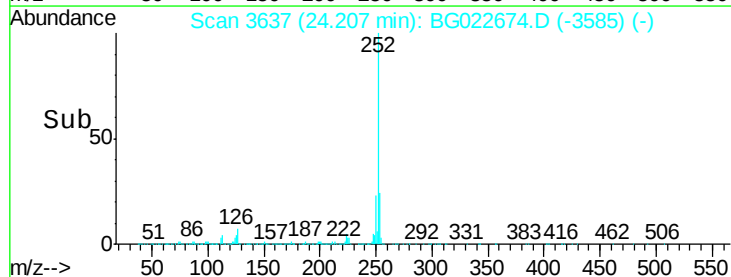
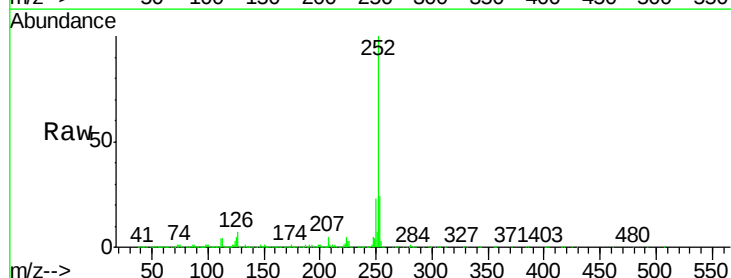
Instrument :
BNA_G
ClientSampleId :

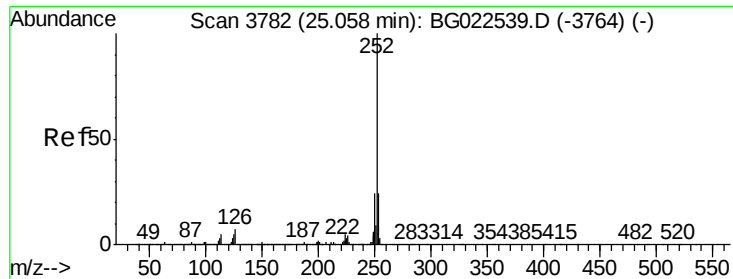
Tgt Ion:252 Resp: 1678258
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 4.9 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 24.36 ng
RT: 24.21 min Scan# 3637
Delta R.T. 0.01 min
Lab File: BG022674.D
Acq: 28 Jun 2016 13:46

Tgt Ion:252 Resp: 1647044
Ion Ratio Lower Upper
252 100
253 23.5 18.8 28.2
125 4.5 3.2 4.8





#89

Benzo(a)pyrene

Concen: 22.72 ng

RT: 25.04 min Scan# 3779

Delta R.T. -0.00 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

Instrument :

BNA_G

ClientSampleId :

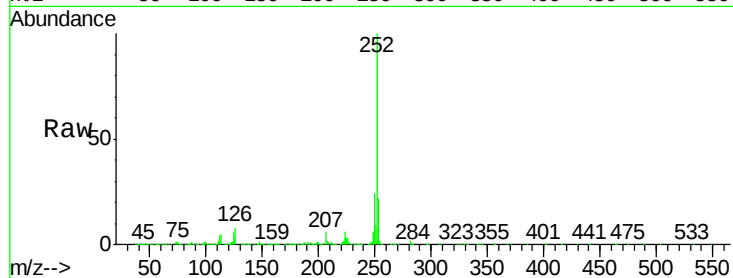
Tgt Ion:252 Resp: 1584020

Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

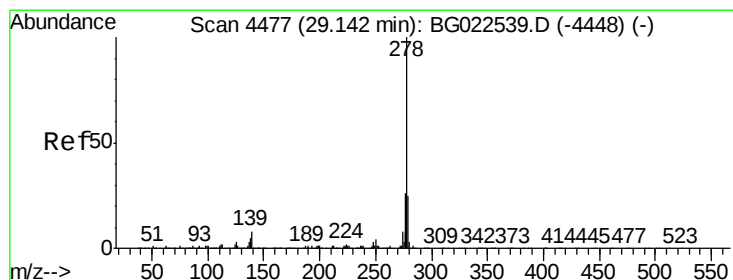
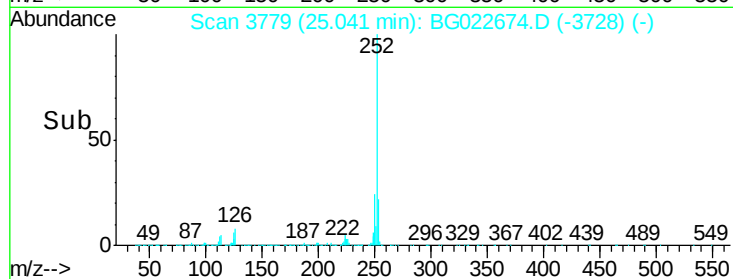
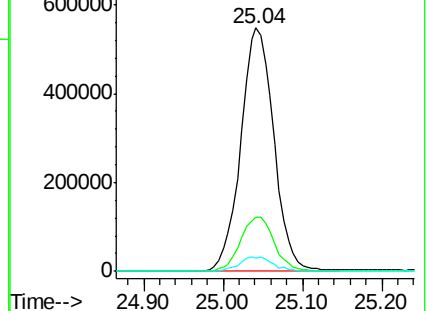
125 5.6 3.9 5.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 21.25 ng

RT: 29.12 min Scan# 4474

Delta R.T. 0.01 min

Lab File: BG022674.D

Acq: 28 Jun 2016 13:46

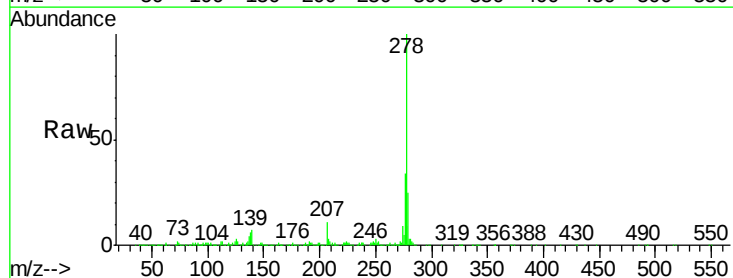
Tgt Ion:278 Resp: 1394883

Ion Ratio Lower Upper

278 100

139 7.1 4.7 7.1#

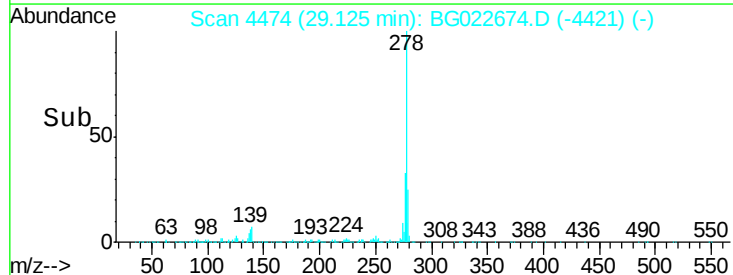
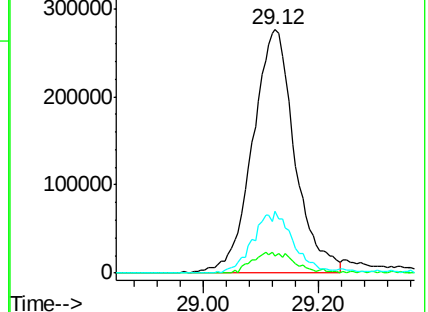
279 25.5 18.3 27.5



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





#91
 Benzo(g,h,i)perylene
 Concen: 20.47 ng
 RT: 30.24 min Scan# 4664
 Delta R.T. -0.01 min
 Lab File: BG022674.D
 Acq: 28 Jun 2016 13:46

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:276 Resp: 1367718

Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.6	27.8
138	10.8	6.8	10.2#

