

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022969.D
 Acq On : 9 Jul 2016 17:28
 Operator : UM/SJ
 Sample : PB91967BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91967BS

Quant Time: Jul 11 02:27:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	87203	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	405159	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	318010	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	832061	20.00	ng	0.00
75) Chrysene-d12	21.85	240	921080	20.00	ng	0.00
86) Perylene-d12	25.20	264	942105	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	792676	148.67	ng	0.00
7) Phenol-d6	7.31	99	1241016	148.61	ng	0.00
23) Nitrobenzene-d5	9.32	82	856934	90.57	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	737793	129.09	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1811591	89.73	ng	0.00
78) Terphenyl-d14	20.15	244	2830114	108.12	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.97	79	250451	35.31	ng	94
4) n-Nitrosodimethylamine	3.88	42	132348	43.50	ng	# 98
6) Aniline	7.47	93	382871	33.08	ng	96
8) 2-Chlorophenol	7.71	128	287818	50.73	ng	97
9) Benzaldehyde	7.29	77	238776	42.79	ng	92
10) Phenol	7.33	94	439498	51.15	ng	93
11) bis(2-Chloroethyl)ether	7.56	93	288612	42.38	ng	91
12) 1,3-Dichlorobenzene	8.04	146	285368	41.09	ng	98
13) 1,4-Dichlorobenzene	8.19	146	291480	41.92	ng	96
14) 1,2-Dichlorobenzene	8.51	146	284357	41.14	ng	93
15) Benzyl Alcohol	8.39	79	392696	51.34	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	354951	42.67	ng	94
17) 2-Methylphenol	8.60	107	283204	50.63	ng	95
18) Hexachloroethane	9.24	117	122440	41.71	ng	98
19) n-Nitroso-di-n-propylamine	8.96	70	314160	41.73	ng	91
20) 3+4-Methylphenols	8.92	107	390103	50.01	ng	99
22) Acetophenone	8.98	105	502538	41.33	ng	# 94
24) Nitrobenzene	9.37	77	462692	46.02	ng	94
25) Isophorone	9.89	82	821554	43.17	ng	# 96
26) 2-Nitrophenol	10.08	139	178130	45.15	ng	# 84
27) 2,4-Dimethylphenol	10.13	122	320119	46.94	ng	92
28) bis(2-Chloroethoxy)methane	10.37	93	459075	43.25	ng	97
29) 2,4-Dichlorophenol	10.62	162	359993	49.49	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	355603	42.66	ng	96
31) Naphthalene	11.03	128	899698	43.62	ng	99
32) Benzoic acid	10.28	122	230212	37.11	ng	96
33) 4-Chloroaniline	11.14	127	185027	18.34	ng	92
34) Hexachlorobutadiene	11.31	225	266795	39.49	ng	97
35) Caprolactam	11.91	113	74264	24.82	ng	97
36) 4-Chloro-3-methylphenol	12.26	107	443461	44.58	ng	98
37) 2-Methylnaphthalene	12.63	142	715973	43.92	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	491288	35.85	ng	99
40) Hexachlorocyclopentadiene	12.97	237	650589	82.47	ng	97
42) 2,4,6-Trichlorophenol	13.23	196	364734	46.30	ng	93

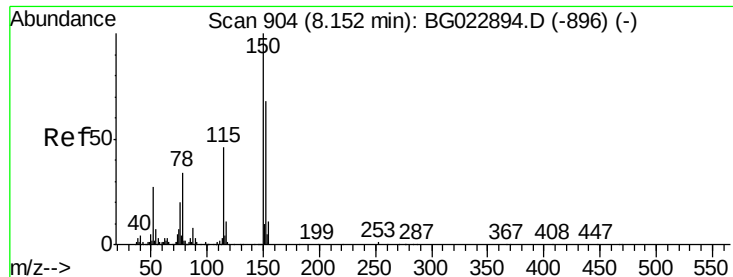
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	392984	48.58	ng	96
45) 1,1'-Biphenyl	13.63	154	1040667	43.61	ng	98
46) 2-Chloronaphthalene	13.68	162	857005	44.28	ng	96
47) 2-Nitroaniline	13.88	65	384552	46.56	ng	99
48) Acenaphthylene	14.52	152	1307920	45.05	ng	99
49) Dimethylphthalate	14.24	163	1217059	46.85	ng	98
50) 2,6-Dinitrotoluene	14.37	165	277677	47.56	ng	89
51) Acenaphthene	14.86	154	872612	45.99	ng	99
52) 3-Nitroaniline	14.71	138	173502	29.80	ng	96
53) 2,4-Dinitrophenol	14.91	184	337945	84.36	ng	94
54) Dibenzofuran	15.19	168	1422950	50.10	ng	97
55) 4-Nitrophenol	15.02	139	433619	88.86	ng	96
56) 2,4-Dinitrotoluene	15.16	165	422681	49.66	ng	# 95
57) Fluorene	15.85	166	1157972	47.37	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	408536	50.48	ng	98
59) Diethylphthalate	15.60	149	1259472	47.65	ng	97
60) 4-Chlorophenyl-phenylether	15.83	204	686909	46.14	ng	94
61) 4-Nitroaniline	15.87	138	277101	43.99	ng	# 78
62) Azobenzene	16.13	77	1380034	54.59	ng	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	262944	42.52	ng	98
65) n-Nitrosodiphenylamine	16.05	169	1097556	45.78	ng	97
66) 4-Bromophenyl-phenylether	16.73	248	478436	44.19	ng	94
67) Hexachlorobenzene	16.86	284	509214	43.26	ng	96
68) Atrazine	17.00	200	480949	45.23	ng	95
69) Pentachlorophenol	17.20	266	639169	83.85	ng	99
70) Phenanthrene	17.60	178	1919349	47.07	ng	99
71) Anthracene	17.69	178	1943188	47.06	ng	97
72) Carbazole	17.96	167	1693922	47.48	ng	99
73) Di-n-butylphthalate	18.50	149	1995863	50.30	ng	99
74) Fluoranthene	19.61	202	2254899	45.06	ng	98
76) Benzidine	19.78	184	1108935	42.00	ng	99
77) Pyrene	19.96	202	2246229	43.40	ng	98
79) Butylbenzylphthalate	20.83	149	983825	47.99	ng	97
80) Benzo(a)anthracene	21.83	228	2406460	46.70	ng	99
81) 3,3'-Dichlorobenzidine	21.74	252	637531	28.18	ng	97
82) Chrysene	21.90	228	2239258	46.32	ng	97
83) Bis(2-ethylhexyl)phthalate	21.71	149	1346969	47.31	ng	97
84) Di-n-octyl phthalate	22.96	149	2262679	47.66	ng	98
85) Indeno(1,2,3-cd)pyrene	29.06	276	2898599	47.03	ng	# 100
87) Benzo(b)fluoranthene	24.21	252	2431070	44.73	ng	98
88) Benzo(k)fluoranthene	24.21	252	2431070	47.13	ng	# 97
89) Benzo(a)pyrene	25.05	252	2488673	47.76	ng	# 97
90) Dibenzo(a,h)anthracene	29.12	278	2424230	46.88	ng	# 94
91) Benzo(g,h,i)perylene	30.26	276	2403352	46.41	ng	# 97

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

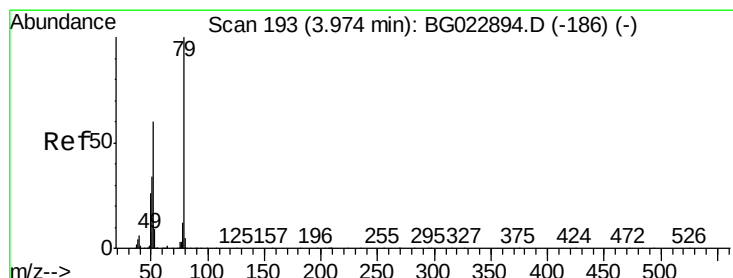
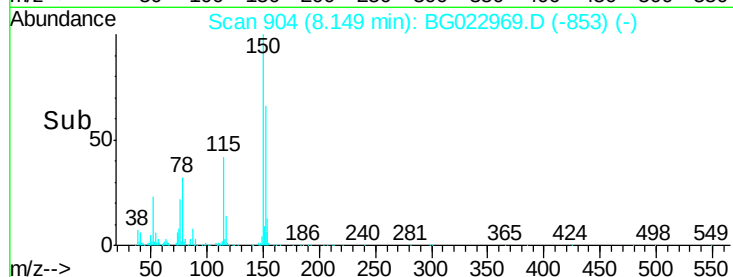
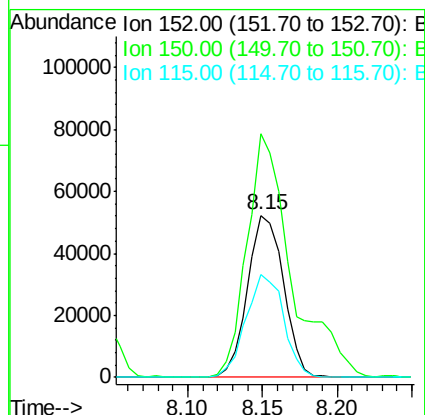
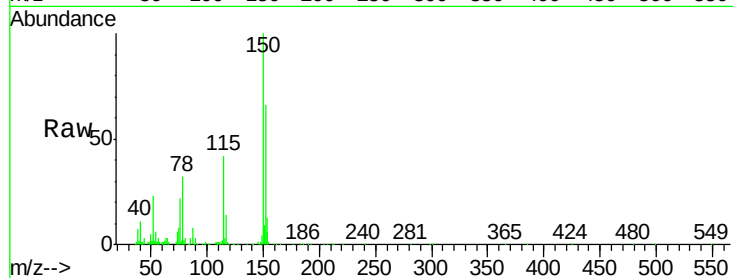


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

Instrument :
BNA_G
ClientSampleID :
PB91967BS

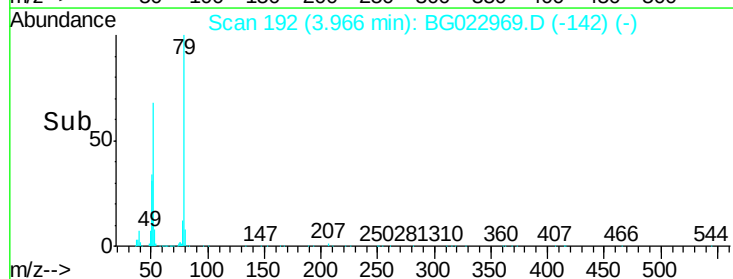
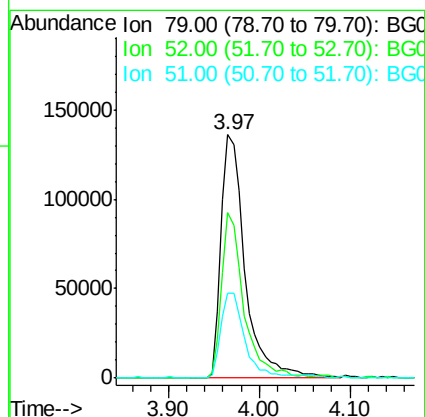
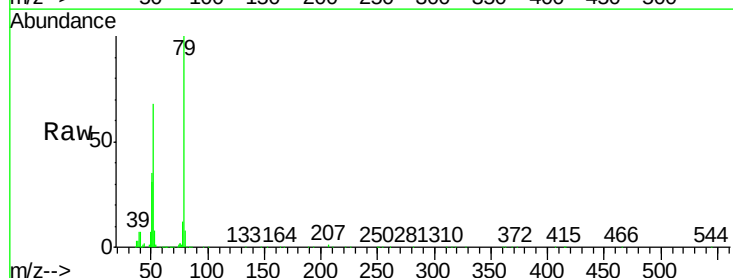
Tgt Ion:152 Resp: 87203
Ion Ratio Lower Upper
152 100
150 150.4 144.7 217.1
115 63.5 64.0 96.0#

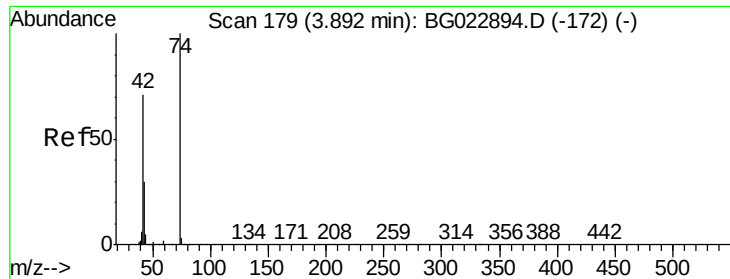


#3

Pyridine
Concen: 35.31 ng
RT: 3.97 min Scan# 192
Delta R.T. -0.01 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

Tgt Ion: 79 Resp: 250451
Ion Ratio Lower Upper
79 100
52 67.9 51.8 77.8
51 34.7 32.7 49.1





#4

n-Nitrosodimethylamine

Concen: 43.50 ng

RT: 3.88 min Scan# 177

Delta R.T. -0.01 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Instrument :

BNA_G

ClientSampleId :

PB91967BS

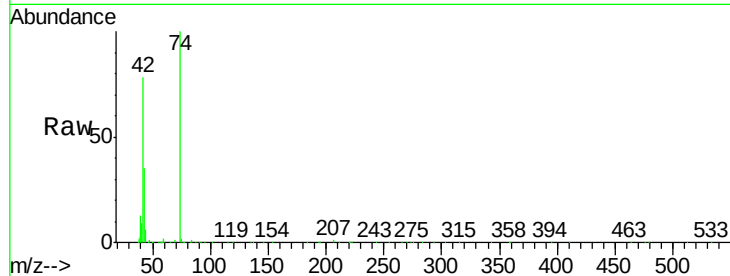
Tgt Ion: 42 Resp: 132348

Ion Ratio Lower Upper

42 100

74 127.9 100.6 150.8

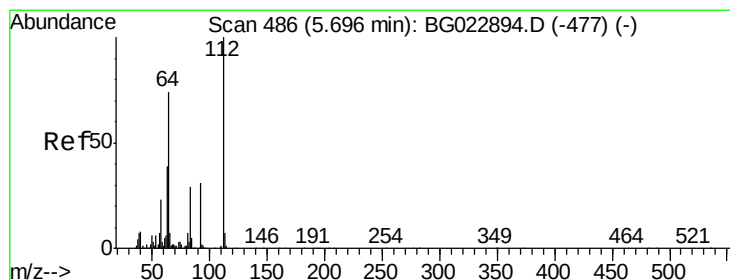
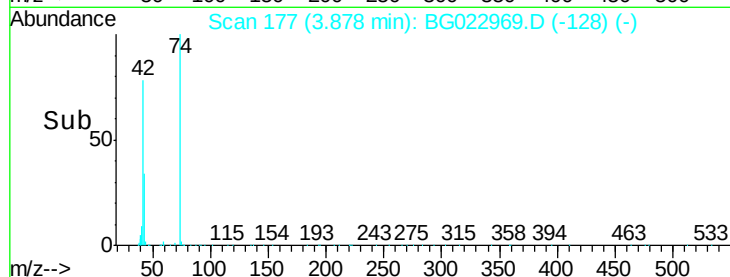
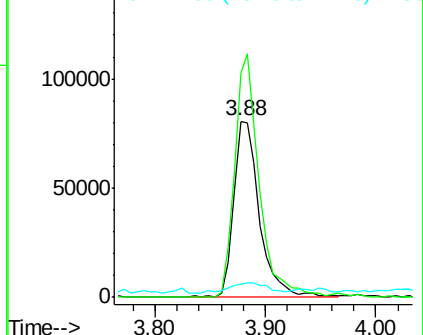
44 7.4 4.5 6.7#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 148.67 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

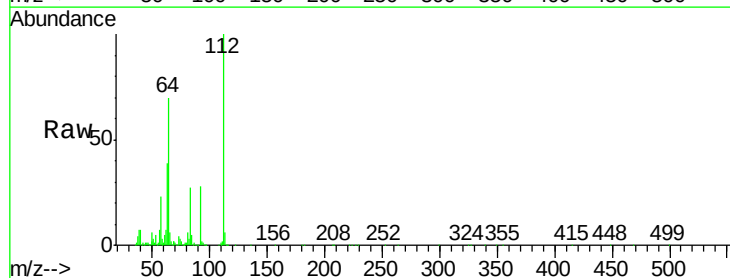
Tgt Ion: 112 Resp: 792676

Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

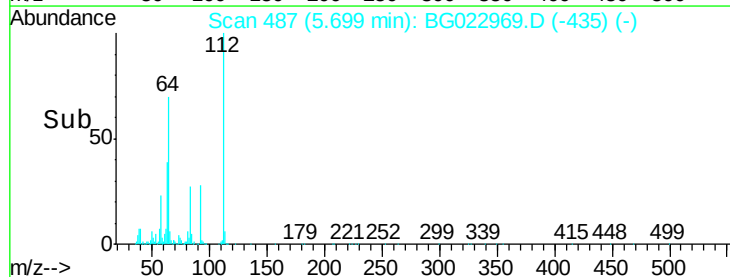
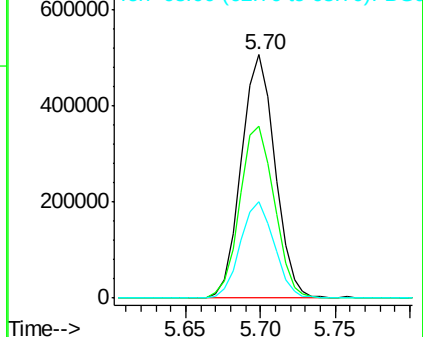
63 39.4 37.8 56.8

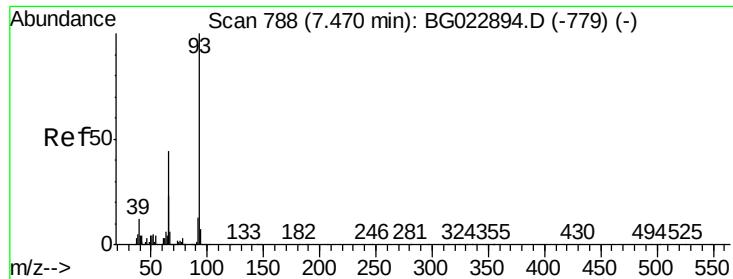


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 33.08 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Instrument :

BNA_G

ClientSampleId :

PB91967BS

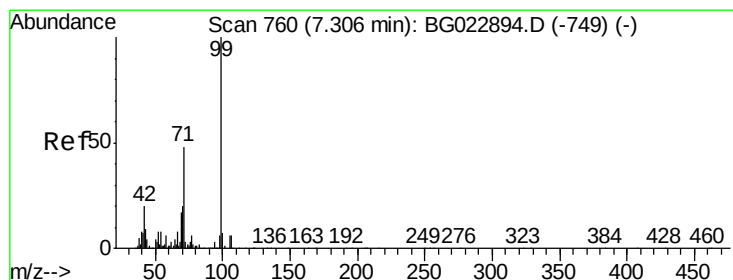
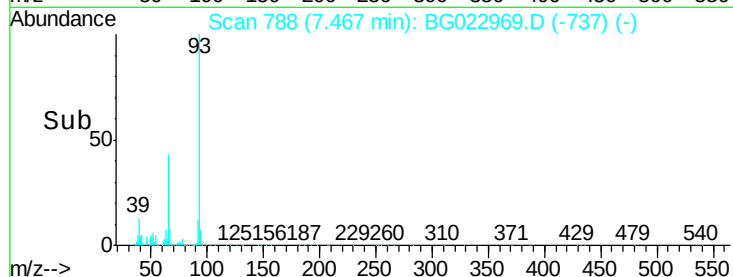
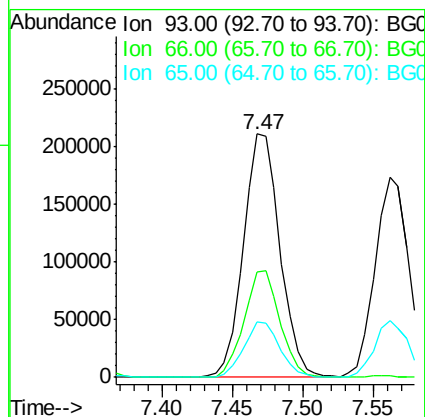
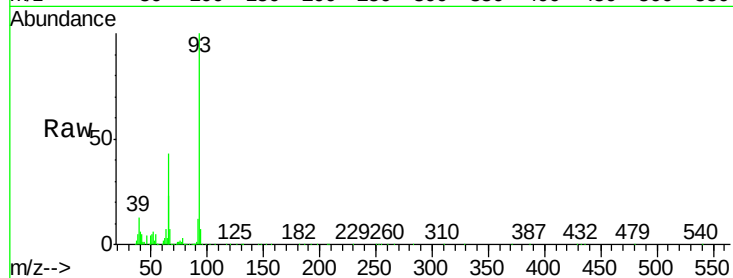
Tgt Ion: 93 Resp: 382871

Ion Ratio Lower Upper

93 100

66 43.4 37.5 56.3

65 22.9 17.9 26.9



#7

Phenol-d6

Concen: 148.61 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

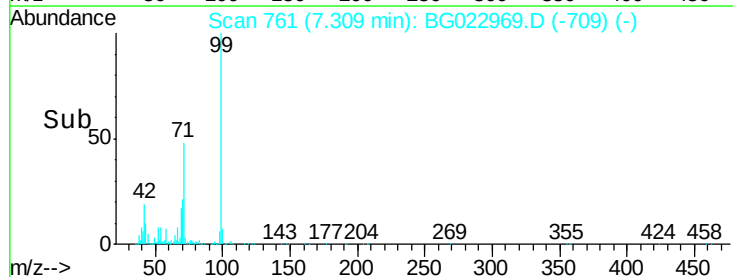
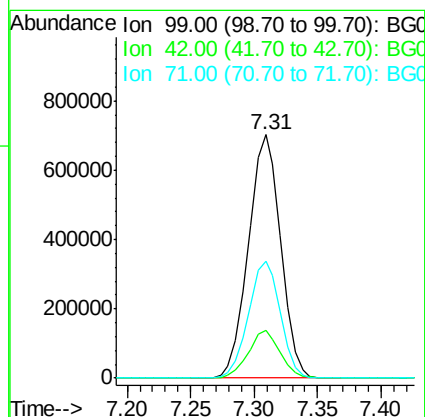
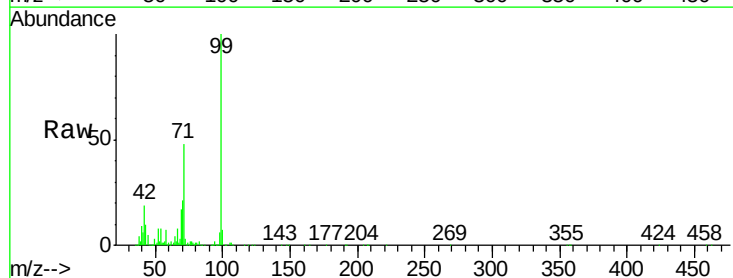
Tgt Ion: 99 Resp: 1241016

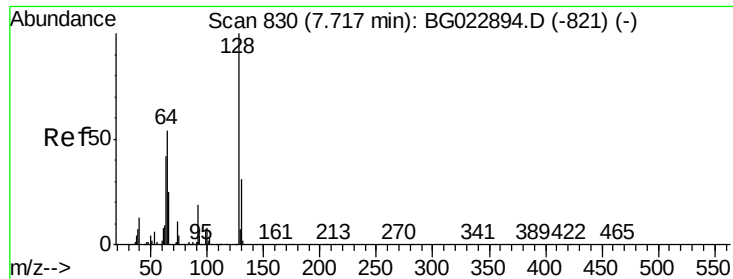
Ion Ratio Lower Upper

99 100

42 19.4 17.8 26.6

71 48.1 41.5 62.3





#8

2-Chlorophenol

Concen: 50.73 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Instrument :

BNA_G

ClientSampleId :

PB91967BS

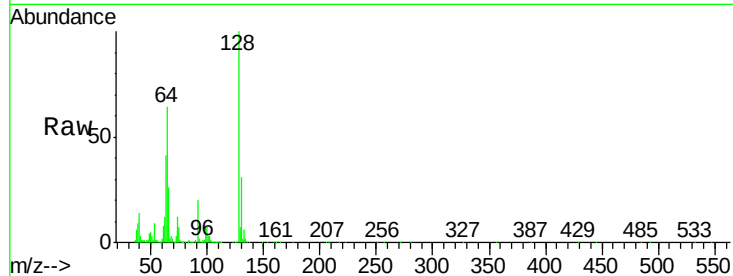
Tgt Ion:128 Resp: 287818

Ion Ratio Lower Upper

128 100

130 30.5 12.9 52.9

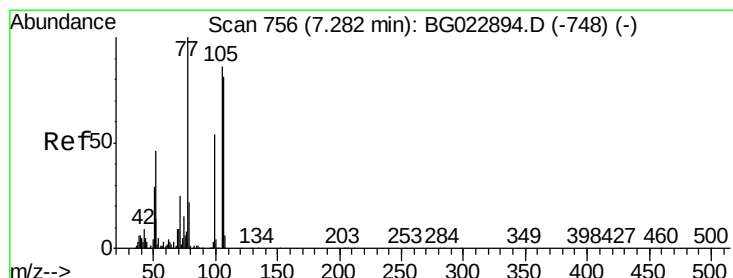
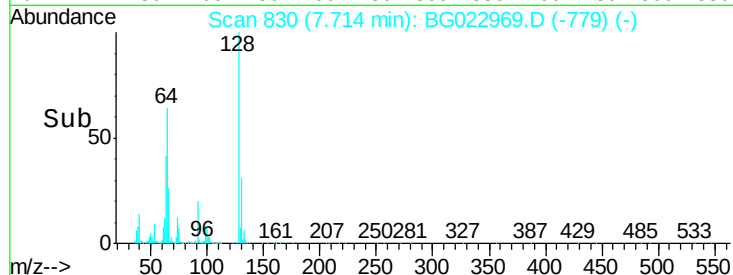
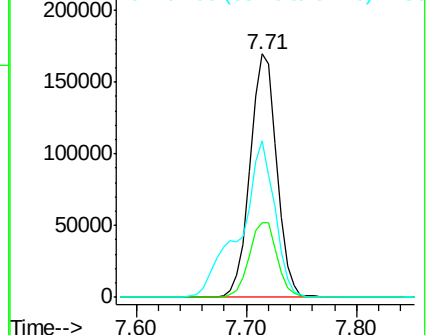
64 64.3 42.0 82.0



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 42.79 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

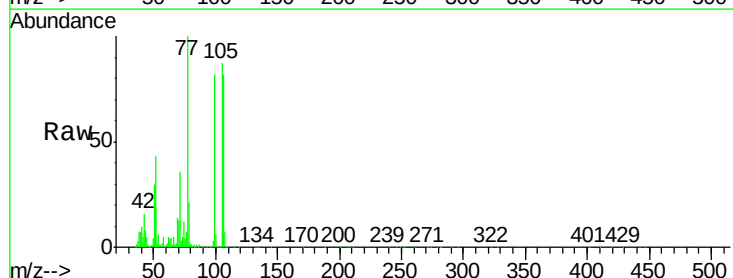
Tgt Ion: 77 Resp: 238776

Ion Ratio Lower Upper

77 100

105 87.4 58.7 98.7

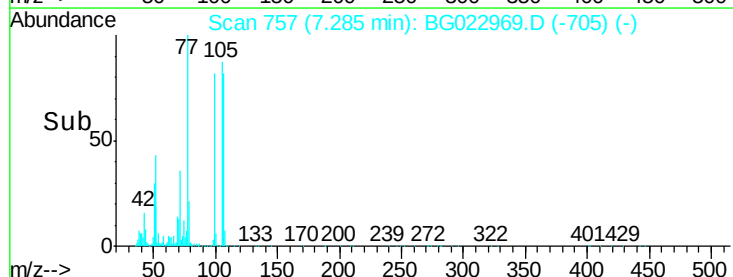
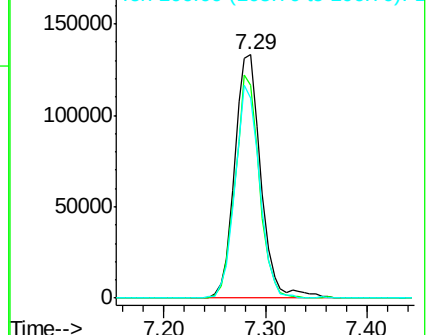
106 81.9 67.5 107.5

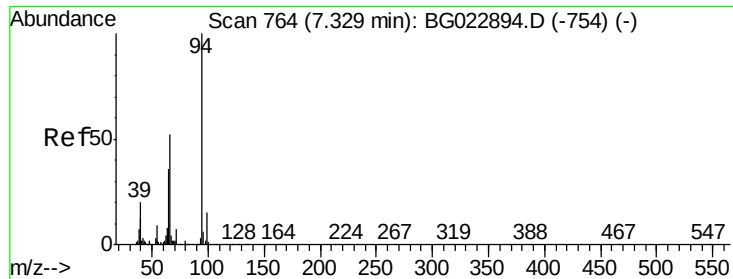


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 51.15 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Instrument :

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ClientSampleId :

PB91967BS

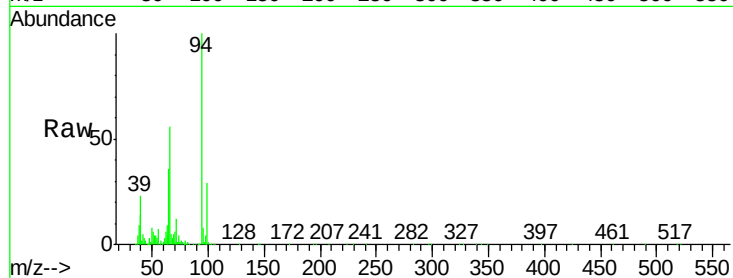
Tgt Ion: 94 Resp: 439498

Ion Ratio Lower Upper

94 100

65 35.9 18.1 58.1

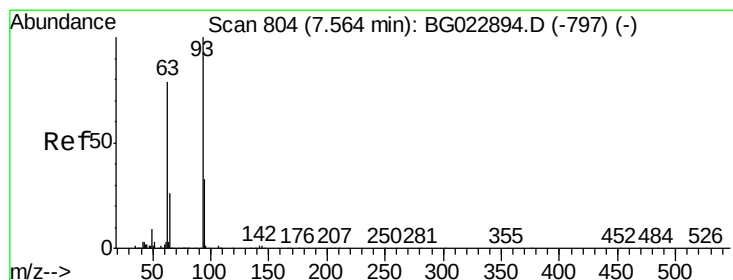
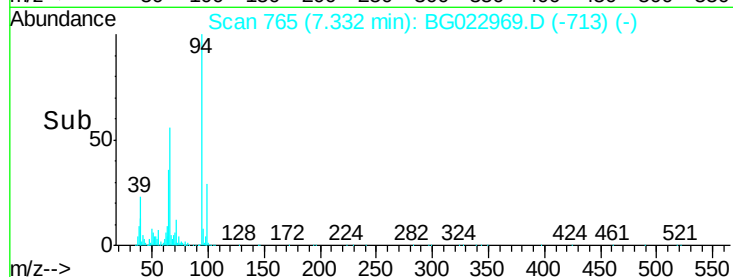
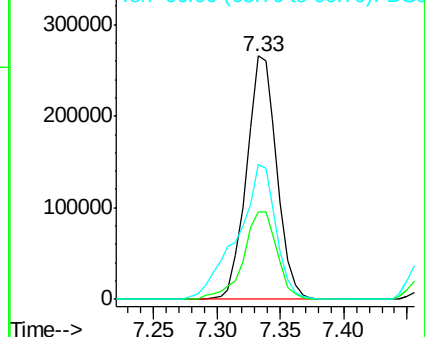
66 55.5 42.1 82.1



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: 42.38 ng

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

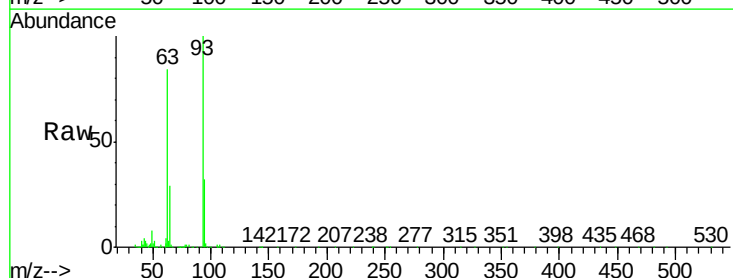
Tgt Ion: 93 Resp: 288612

Ion Ratio Lower Upper

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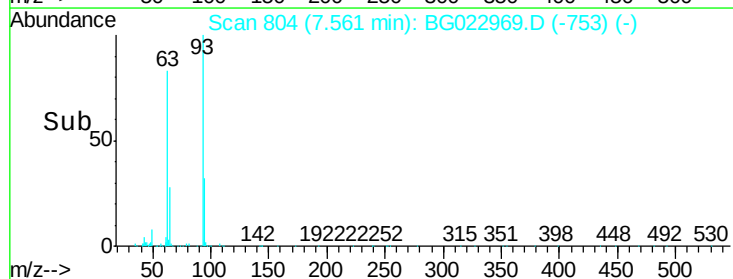
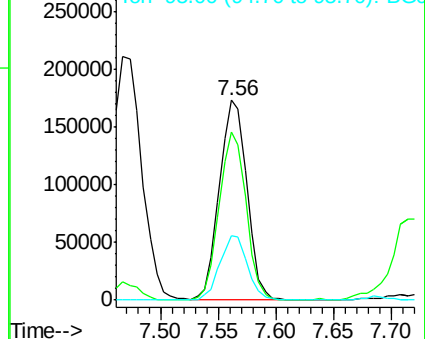
95 32.4 11.0 51.0

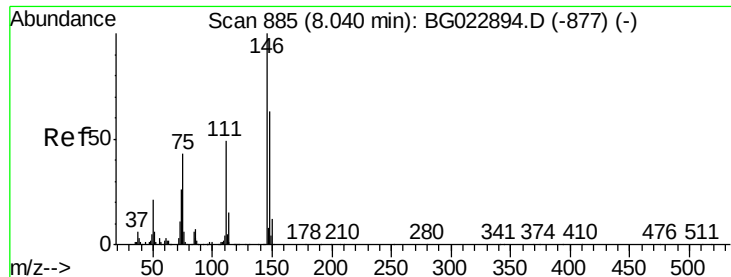


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

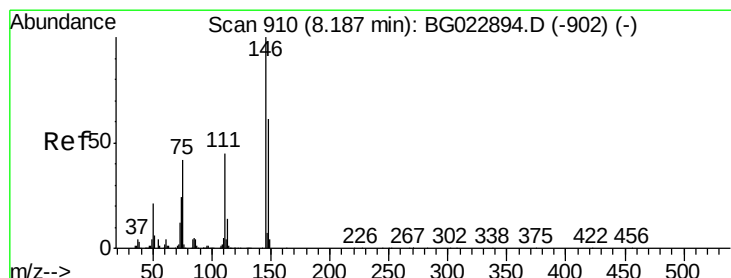
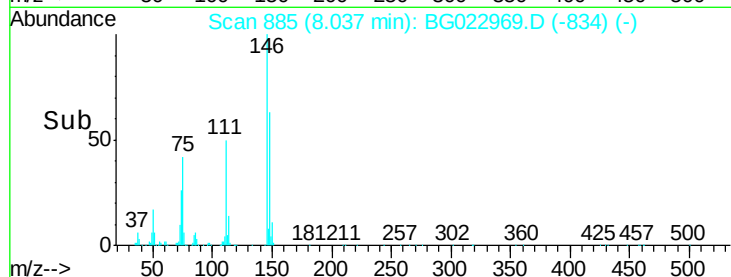
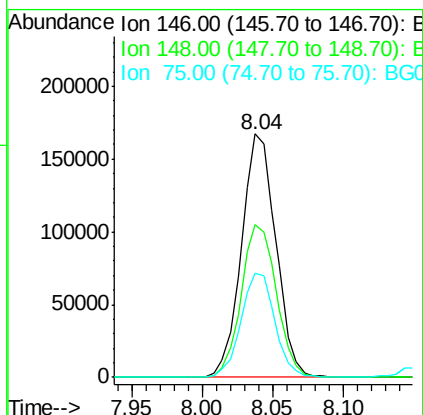
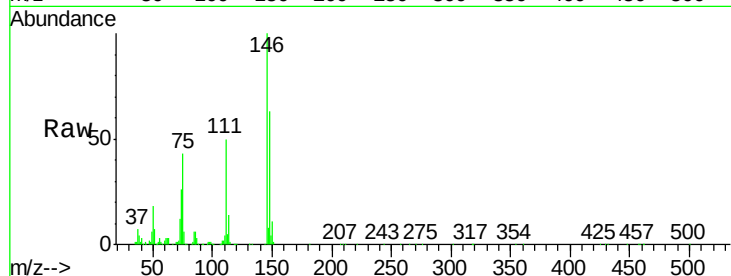




#12
 1,3-Dichlorobenzene
 Concen: 41.09 ng
 RT: 8.04 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BG022969.D
 Acq: 9 Jul 2016 17:28

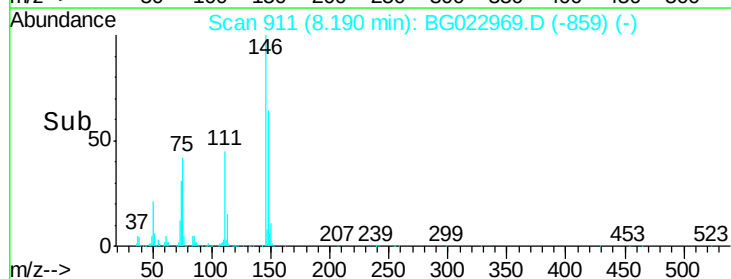
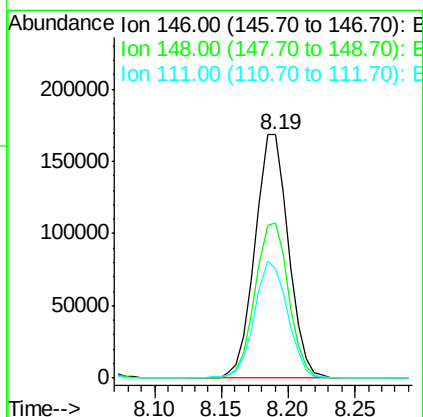
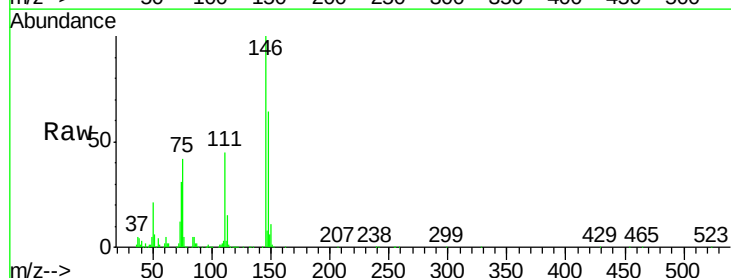
Instrument :
 BNA_G
 ClientSampleId :
 PB91967BS

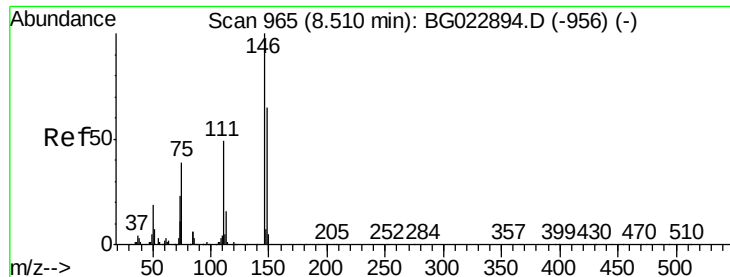
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
75	42.7	37.0	55.6



#13
 1,4-Dichlorobenzene
 Concen: 41.92 ng
 RT: 8.19 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BG022969.D
 Acq: 9 Jul 2016 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	54.5	81.7
111	45.1	37.8	56.8

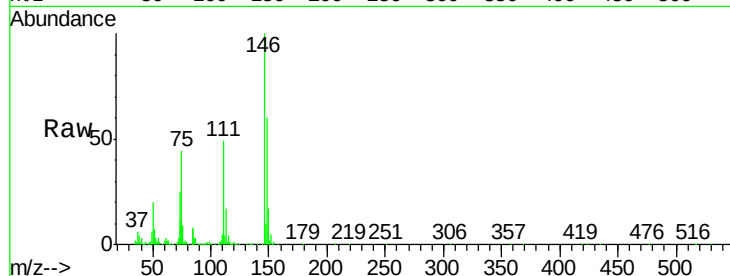




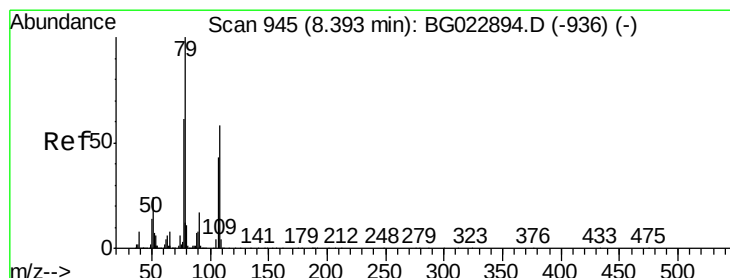
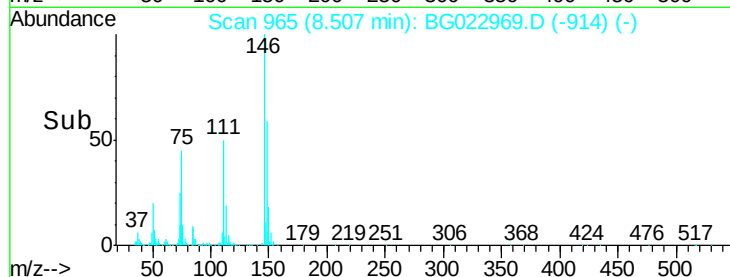
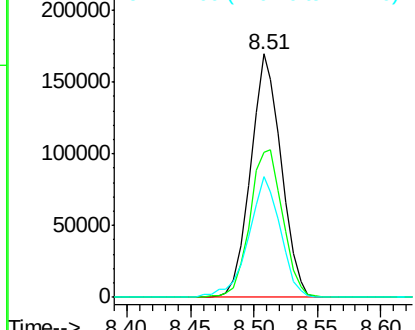
#14
 1,2-Dichlorobenzene
 Concen: 41.14 ng
 RT: 8.51 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BG022969.D
 Acq: 9 Jul 2016 17:28

Instrument :
 BNA_G
 ClientSampleId :
 PB91967BS

Tgt Ion:146 Resp: 284357
 Ion Ratio Lower Upper
 146 100
 148 59.8 52.9 79.3
 111 49.5 43.5 65.3

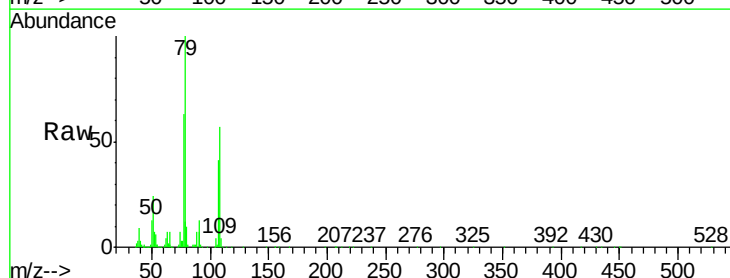


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

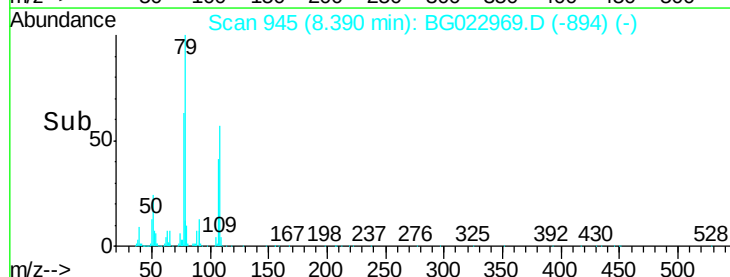
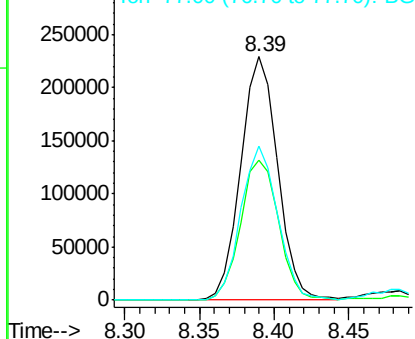


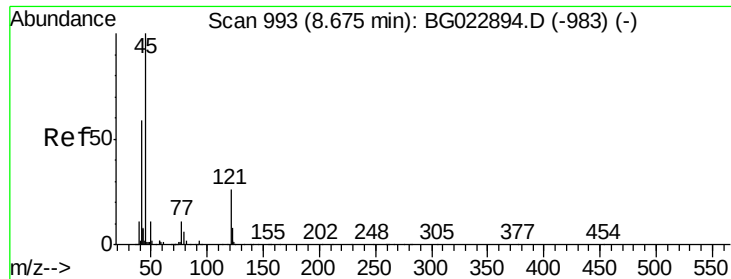
#15
 Benzyl Alcohol
 Concen: 51.34 ng
 RT: 8.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BG022969.D
 Acq: 9 Jul 2016 17:28

Tgt Ion: 79 Resp: 392696
 Ion Ratio Lower Upper
 79 100
 108 57.3 46.5 69.7
 77 63.3 52.3 78.5



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

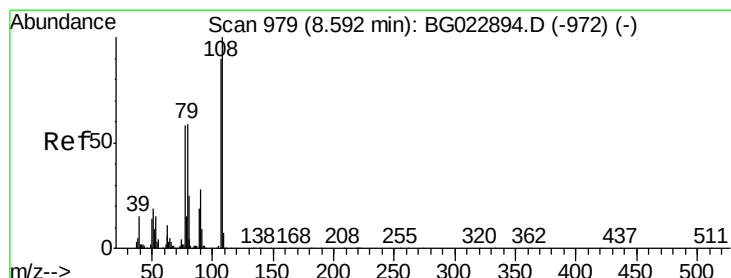
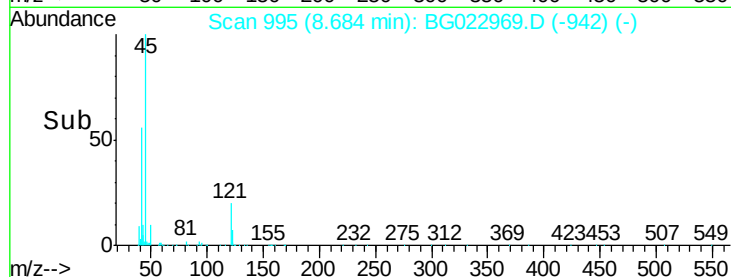
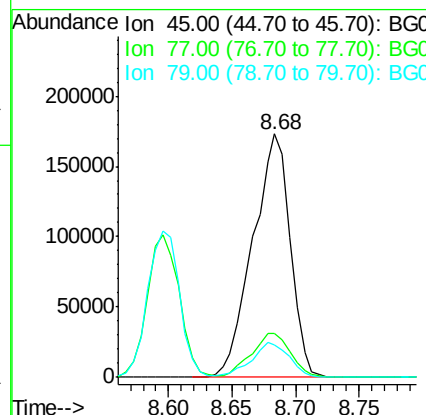
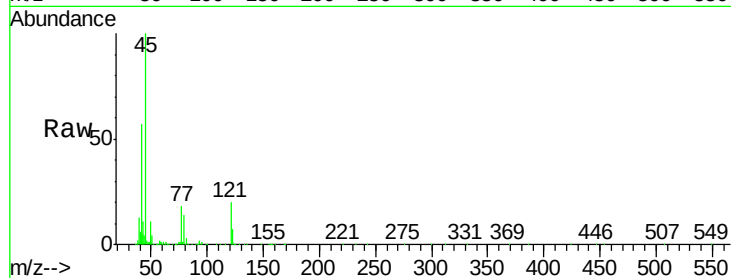




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.67 ng
RT: 8.68 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

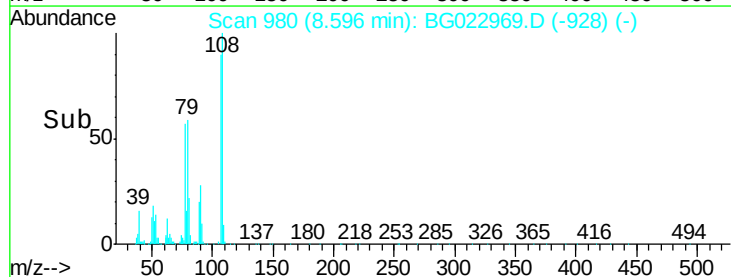
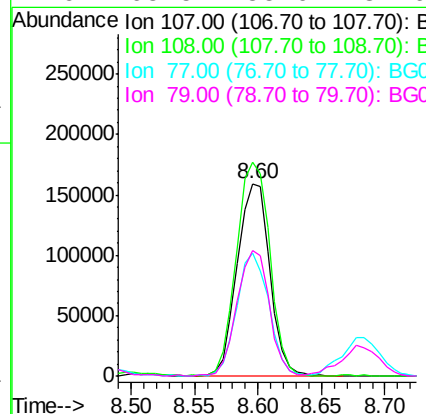
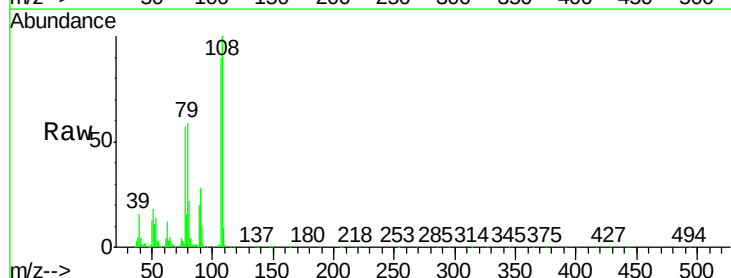
Instrument :
BNA_G
ClientSampleId :
PB91967BS

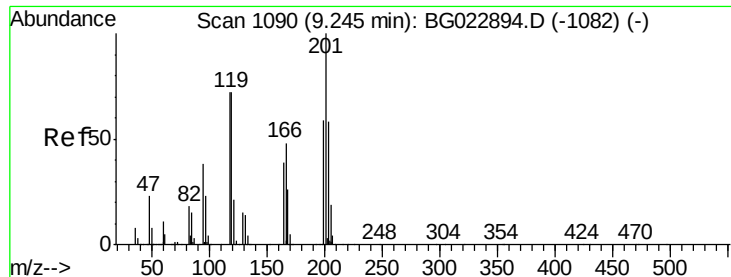
Tgt Ion: 45 Resp: 354951
Ion Ratio Lower Upper
45 100
77 18.3 0.6 40.6
79 13.6 0.0 36.2



#17
2-Methylphenol
Concen: 50.63 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

Tgt Ion: 107 Resp: 283204
Ion Ratio Lower Upper
107 100
108 111.0 92.0 138.0
77 63.8 55.8 83.6
79 65.5 55.0 82.6

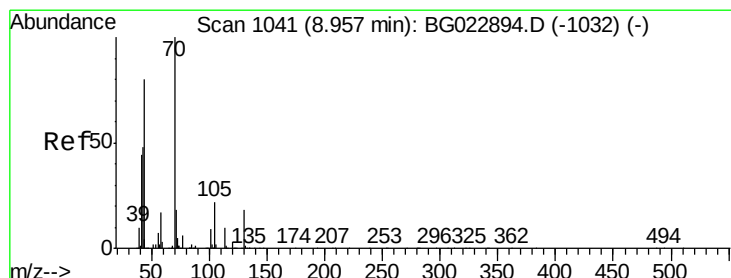
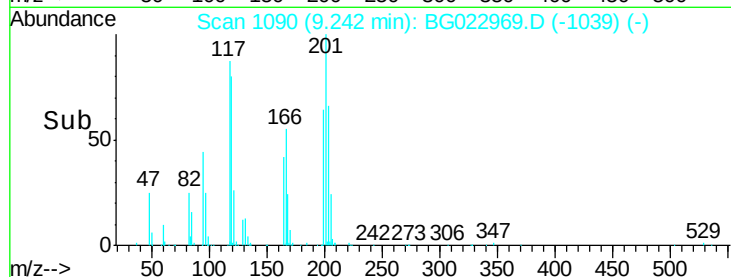
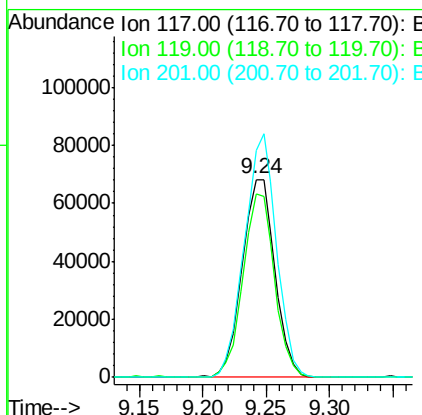
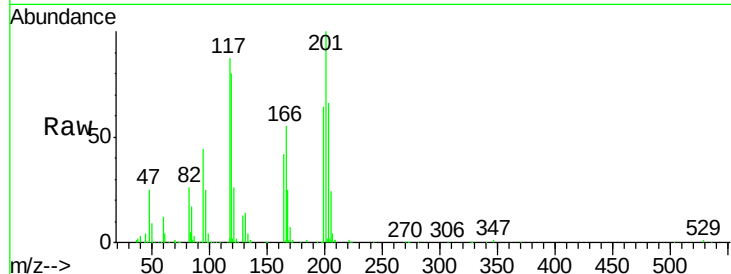




#18
Hexachloroethane
Concen: 41.71 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

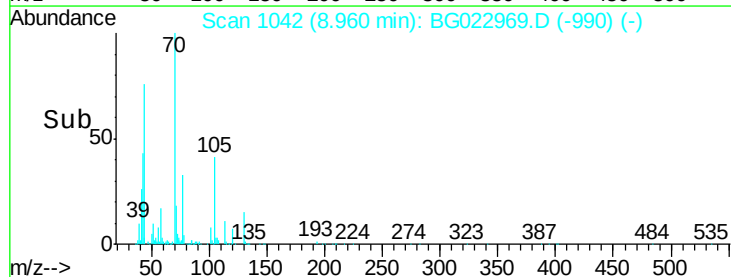
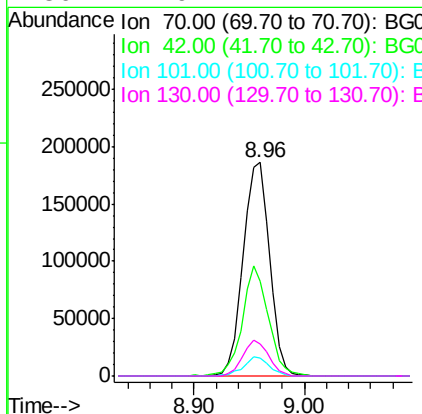
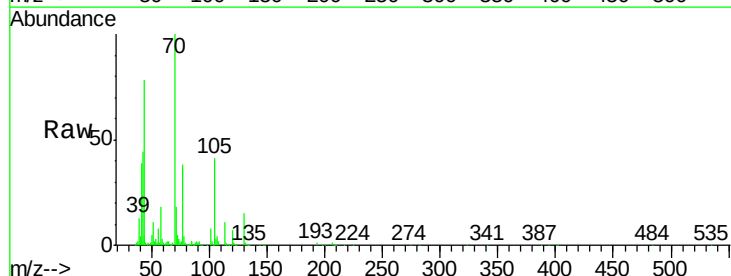
Instrument :
BNA_G
ClientSampleId :
PB91967BS

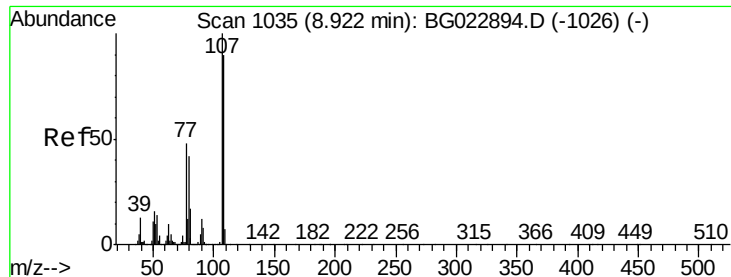
Tgt Ion: 117 Resp: 122440
Ion Ratio Lower Upper
117 100
119 92.4 73.7 110.5
201 114.8 88.7 133.1



#19
n-Nitroso-di-n-propylamine
Concen: 41.73 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

Tgt Ion: 70 Resp: 314160
Ion Ratio Lower Upper
70 100
42 44.2 42.1 63.1
101 8.5 7.2 10.8
130 14.9 14.2 21.2

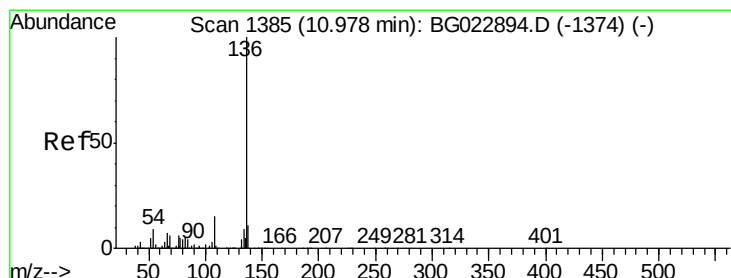
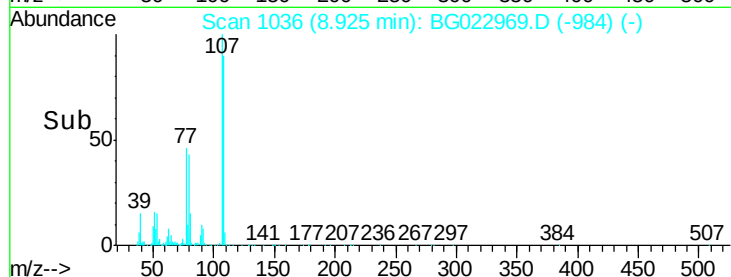
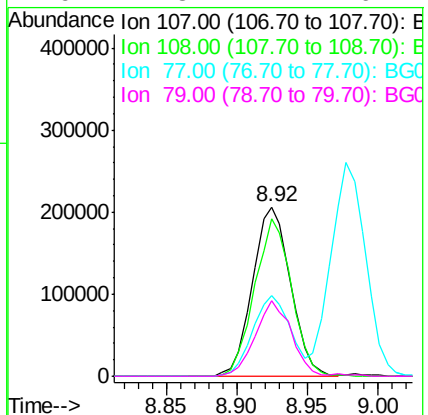
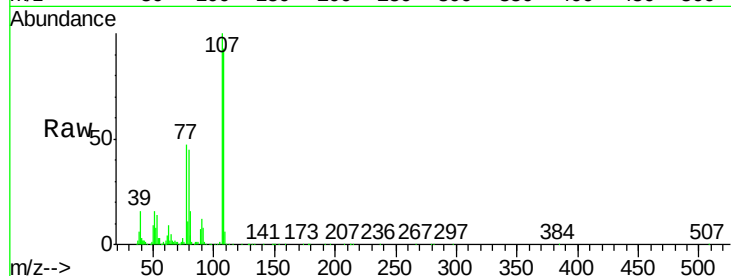




#20
3+4-Methylphenols
Concen: 50.01 ng
RT: 8.92 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

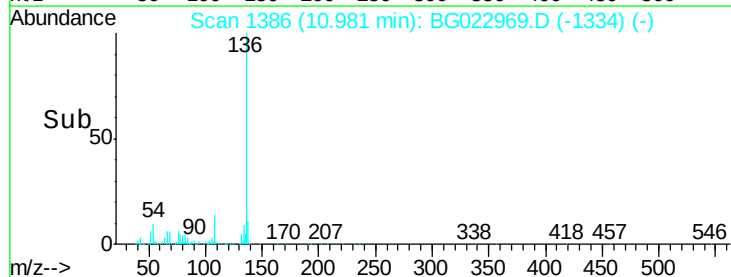
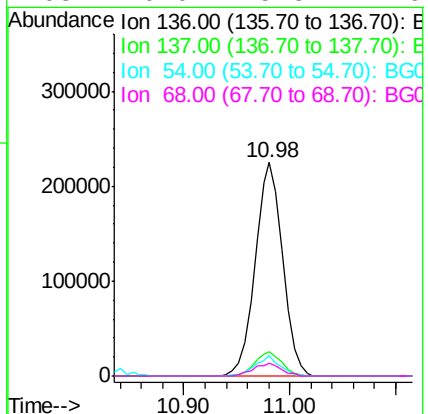
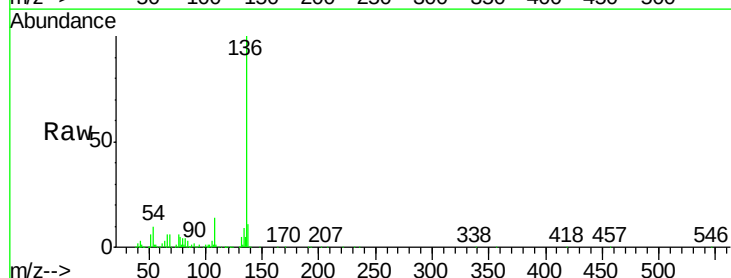
Instrument :
BNA_G
ClientSampleId :
PB91967BS

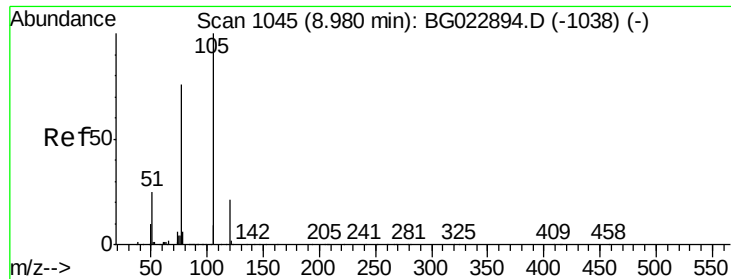
Tgt Ion:	107	Resp:	390103
Ion	Ratio	Lower	Upper
107	100		
108	92.7	72.5	112.5
77	47.5	30.1	70.1
79	44.8	24.2	64.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

Tgt Ion:	136	Resp:	405159
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	9.8	7.3	10.9
68	6.0	5.3	7.9





#22

Acetophenone

Concen: 41.33 ng

RT: 8.98 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Instrument :

BNA_G

ClientSampleId :

PB91967BS

Tgt Ion:105 Resp: 502538

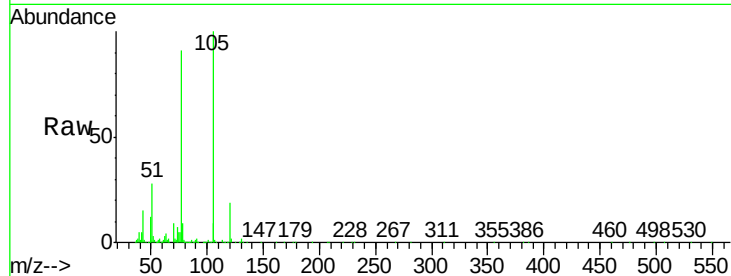
Ion Ratio Lower Upper

105 100

71 1.6 2.6 3.8#

51 28.4 27.1 40.7

120 18.7 15.1 22.7

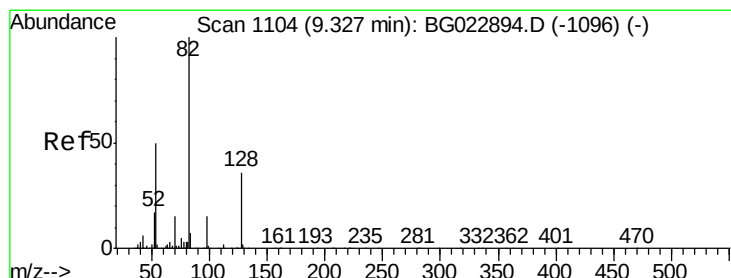
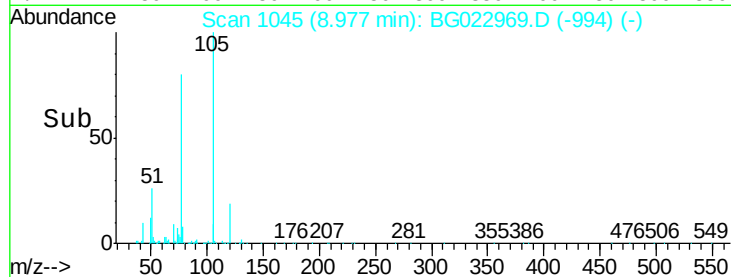
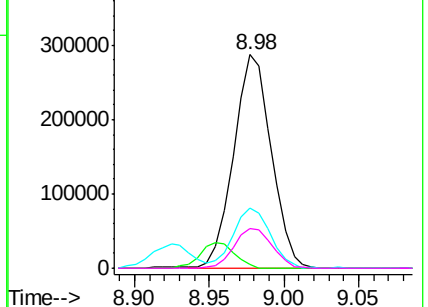


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 90.57 ng

RT: 9.32 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

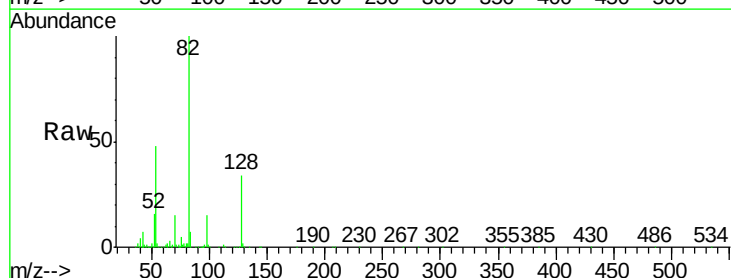
Tgt Ion: 82 Resp: 856934

Ion Ratio Lower Upper

82 100

128 33.5 24.4 36.6

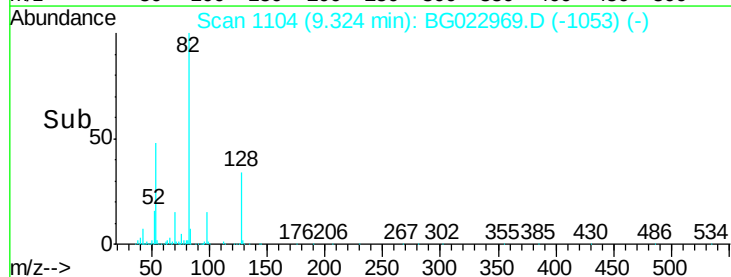
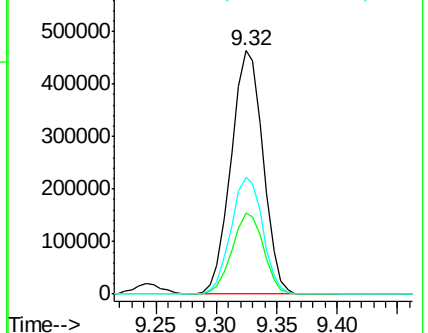
54 48.2 41.4 62.0

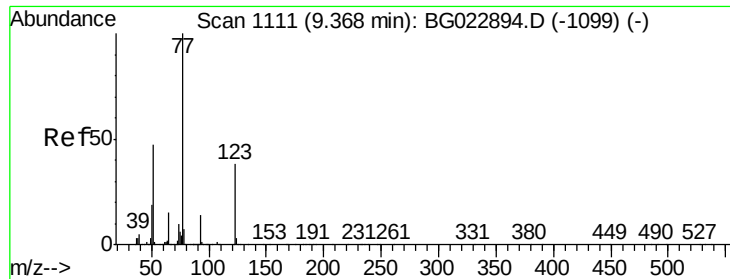


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

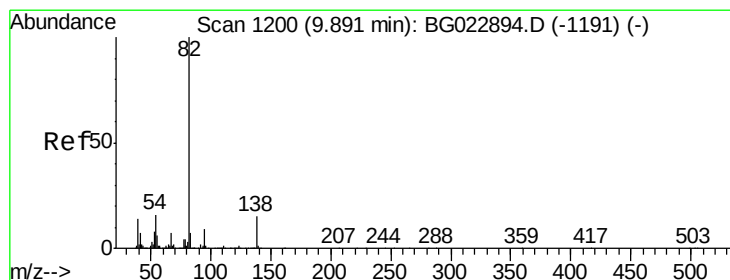
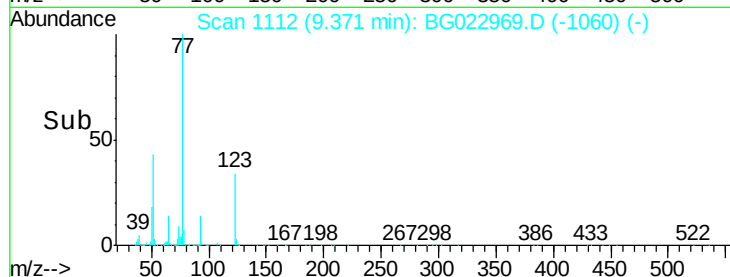
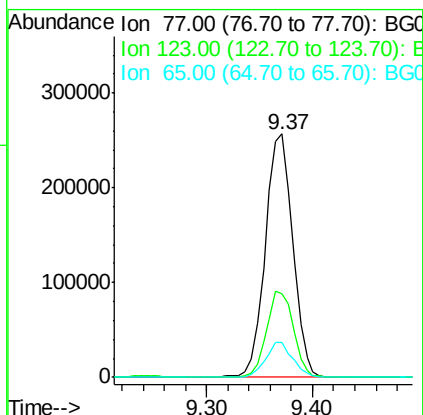
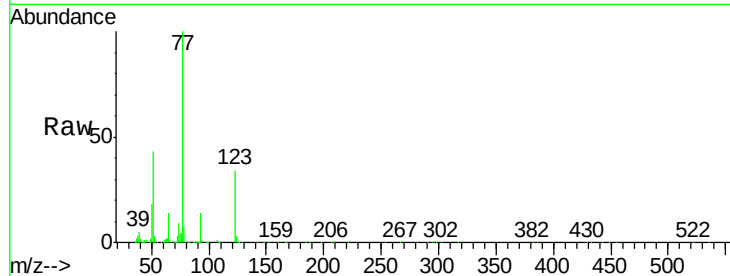




#24
 Nitrobenzene
 Concen: 46.02 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG022969.D
 Acq: 9 Jul 2016 17:28

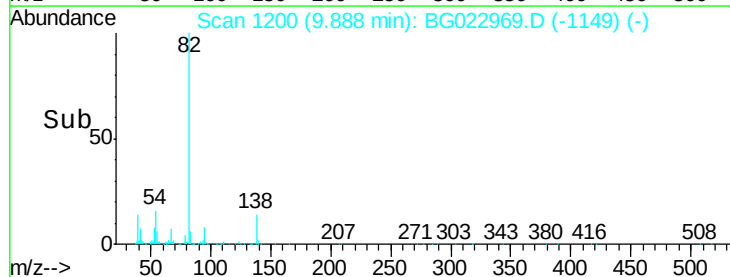
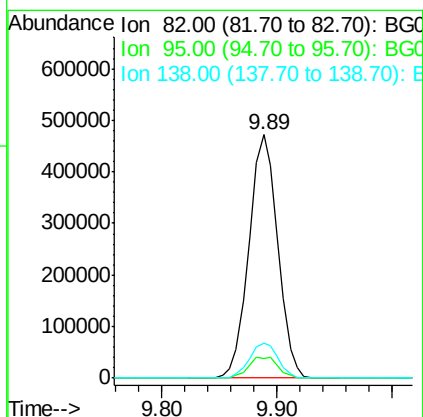
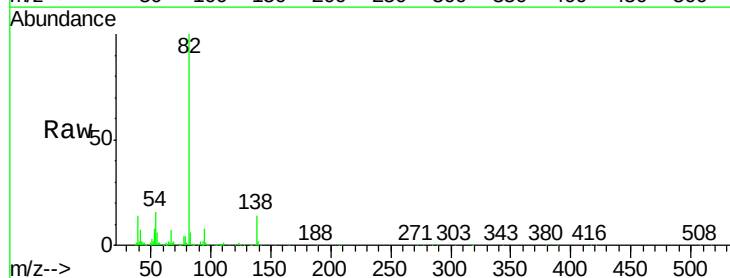
Instrument :
 BNA_G
 ClientSampleId :
 PB91967BS

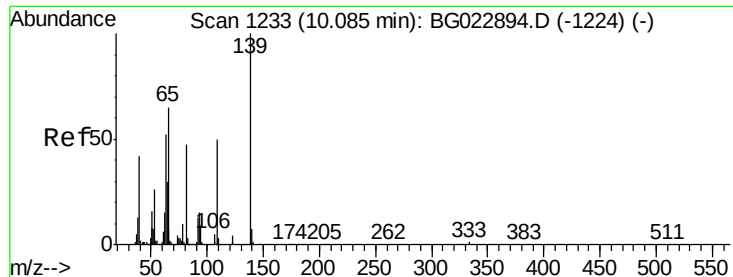
Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.4	25.0	37.6
65	14.3	13.4	20.0



#25
 Isophorone
 Concen: 43.17 ng
 RT: 9.89 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BG022969.D
 Acq: 9 Jul 2016 17:28

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.0	8.2	12.2#
138	14.3	10.7	16.1

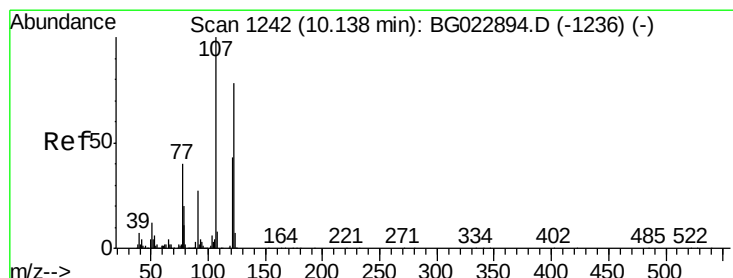
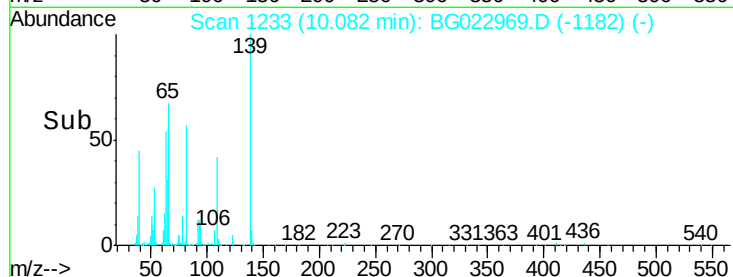
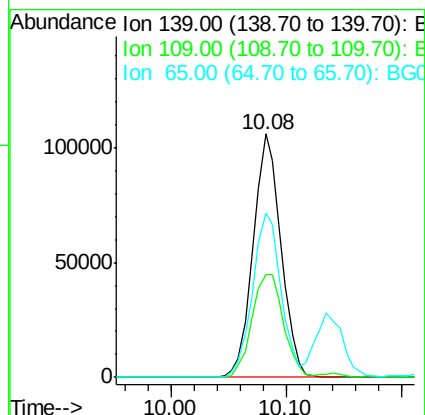
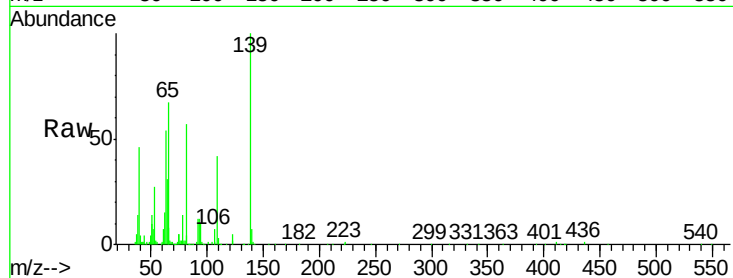




#26
2-Nitrophenol
Concen: 45.15 ng
RT: 10.08 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

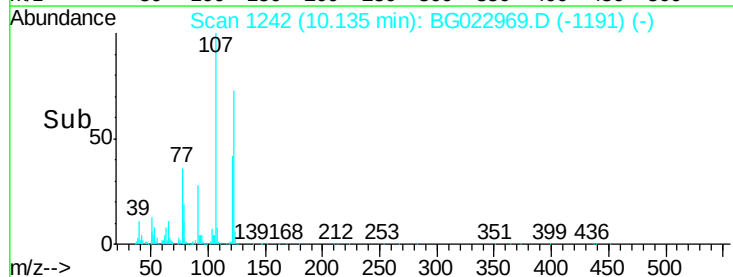
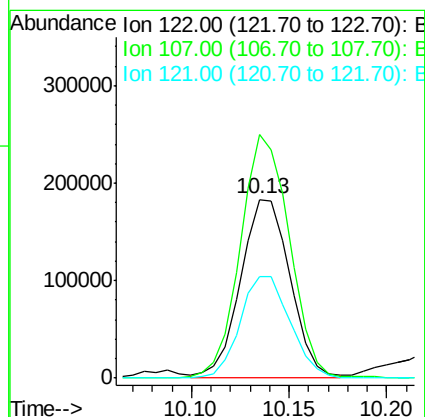
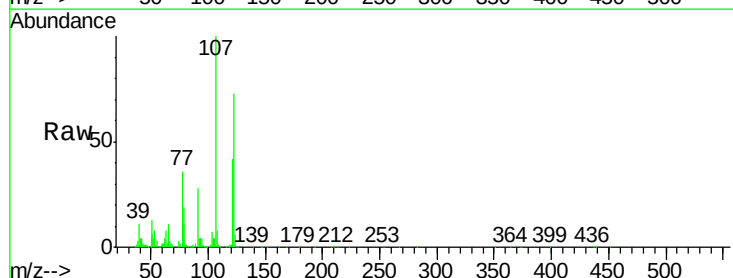
Instrument :
BNA_G
ClientSampleId :
PB91967BS

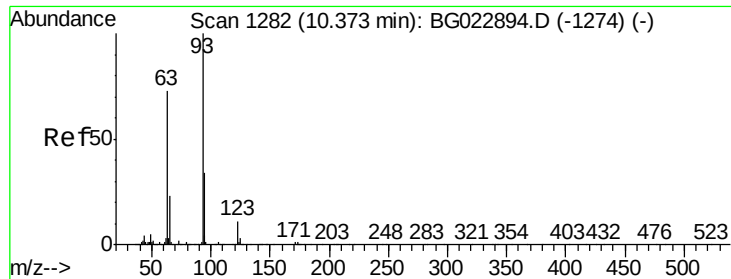
Tgt Ion	Ratio	Lower	Upper
139	100		
109	42.1	43.5	65.3#
65	67.3	64.3	96.5



#27
2,4-Dimethylphenol
Concen: 46.94 ng
RT: 10.13 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

Tgt Ion	Ratio	Lower	Upper
122	100		
107	136.3	117.0	175.4
121	57.2	50.1	75.1

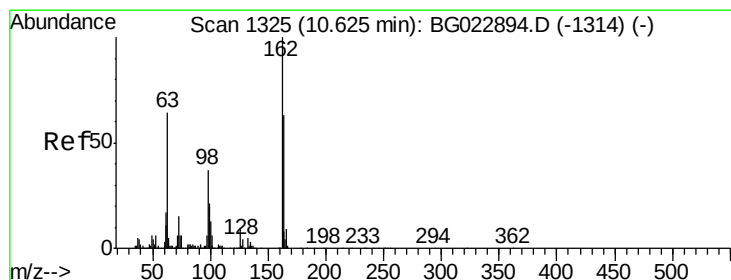
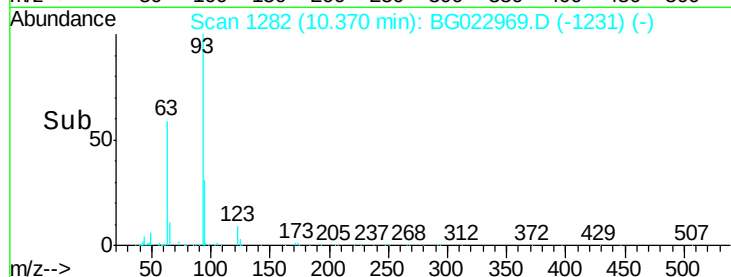
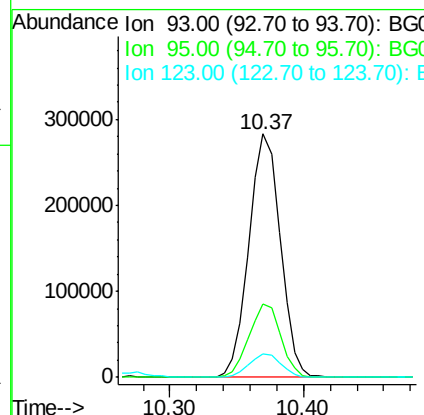
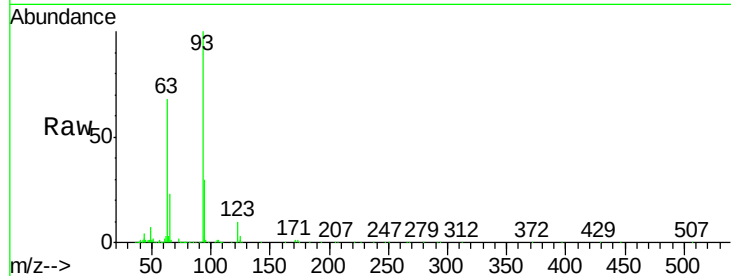




#28
bis(2-Chloroethoxy)methane
Concen: 43.25 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

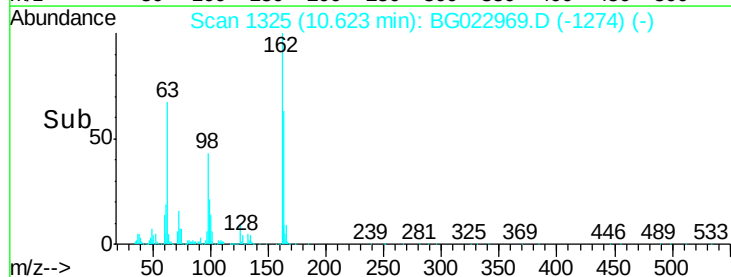
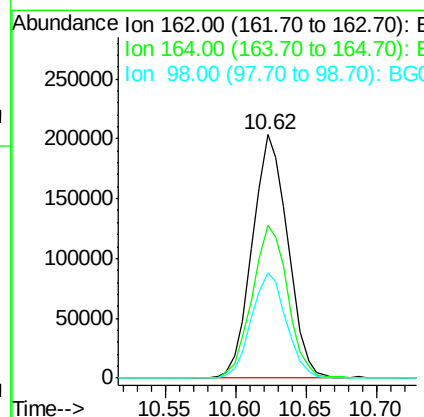
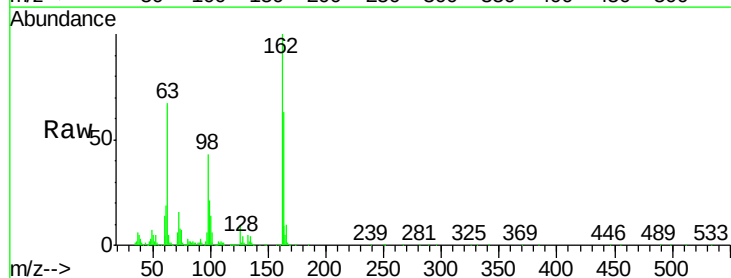
Instrument :
BNA_G
ClientSampleId :
PB91967BS

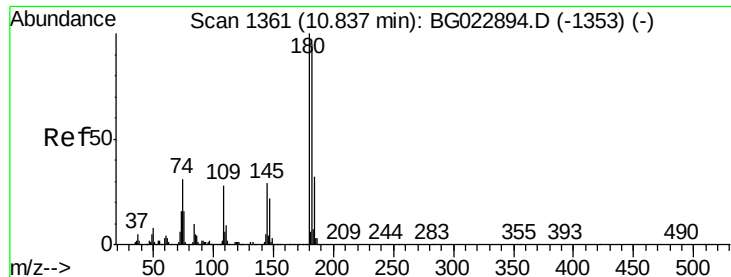
Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.2	25.4	38.2
123	9.6	8.2	12.2



#29
2,4-Dichlorophenol
Concen: 49.49 ng
RT: 10.62 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.3	84.3
98	43.1	19.5	59.5

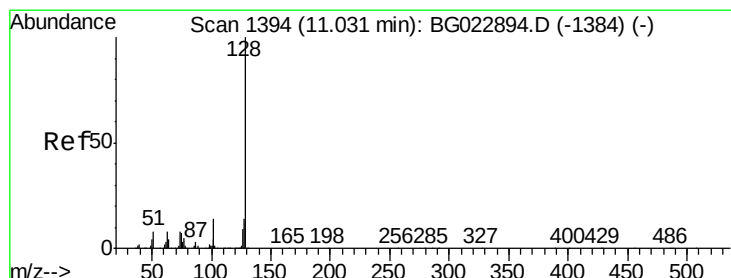
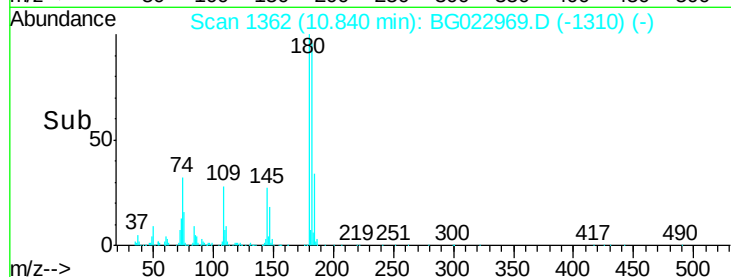
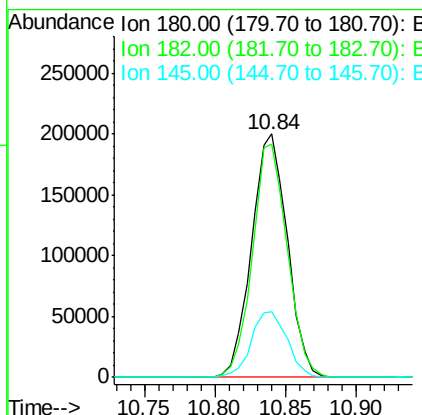
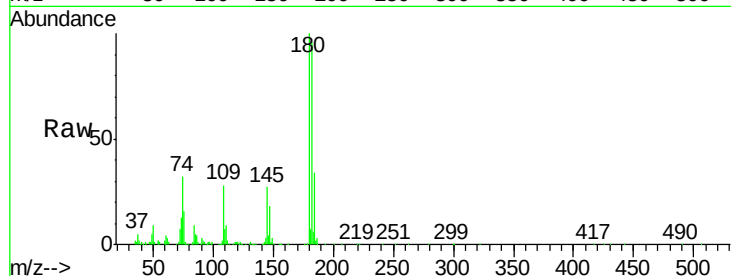




#30
 1,2,4-Trichlorobenzene
 Concen: 42.66 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BG022969.D
 Acq: 9 Jul 2016 17:28

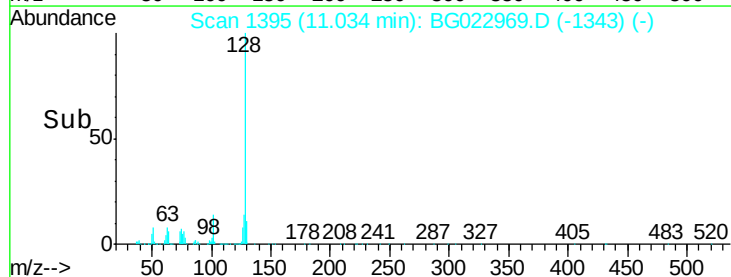
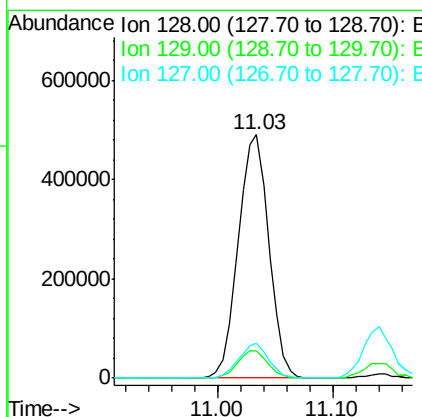
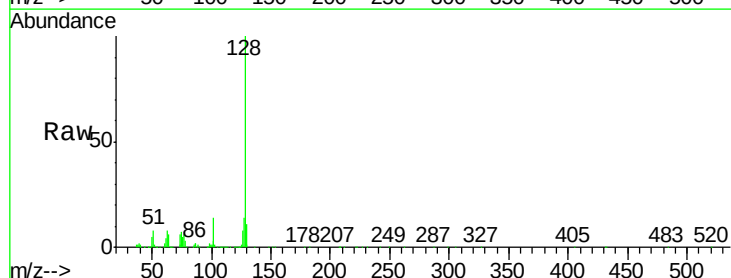
Instrument :
 BNA_G
 ClientSampleId :
 PB91967BS

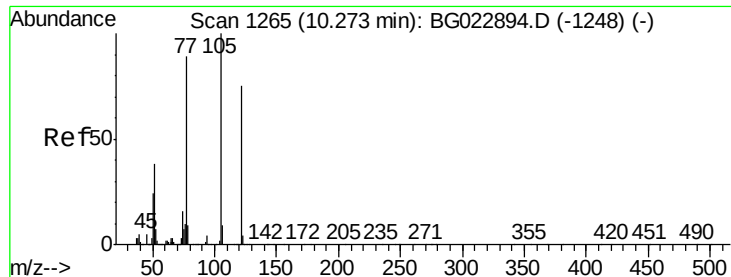
Tgt Ion:180 Resp: 355603
 Ion Ratio Lower Upper
 180 100
 182 95.9 73.8 110.8
 145 27.1 24.4 36.6



#31
 Naphthalene
 Concen: 43.62 ng
 RT: 11.03 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BG022969.D
 Acq: 9 Jul 2016 17:28

Tgt Ion:128 Resp: 899698
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.4 14.0
 127 14.3 11.3 16.9





#32

Benzoic acid

Concen: 37.11 ng

RT: 10.28 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Instrument :

BNA_G

ClientSampleId :

PB91967BS

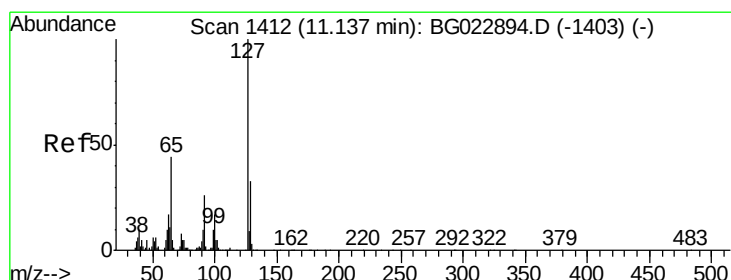
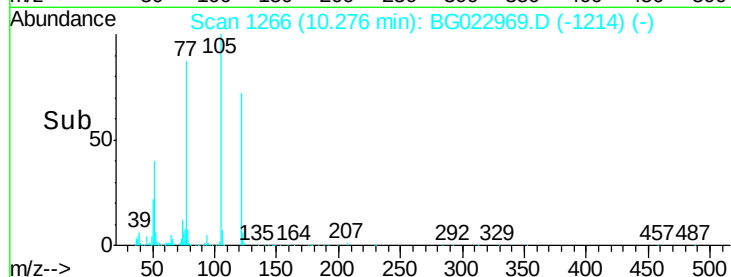
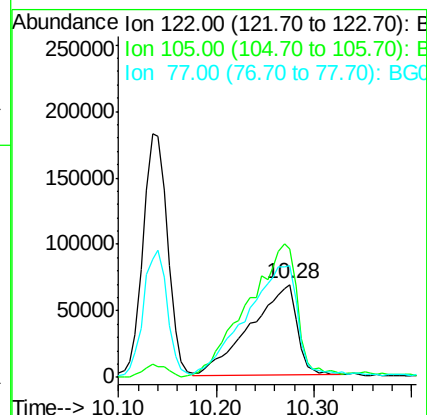
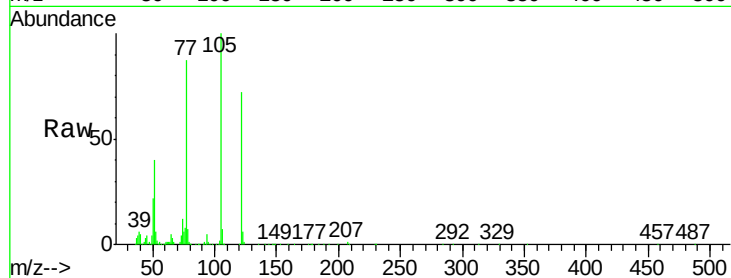
Tgt Ion:122 Resp: 230212

Ion Ratio Lower Upper

122 100

105 138.8 117.2 157.2

77 121.1 109.2 149.2



#33

4-Chloroaniline

Concen: 18.34 ng

RT: 11.14 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Tgt Ion:127 Resp: 185027

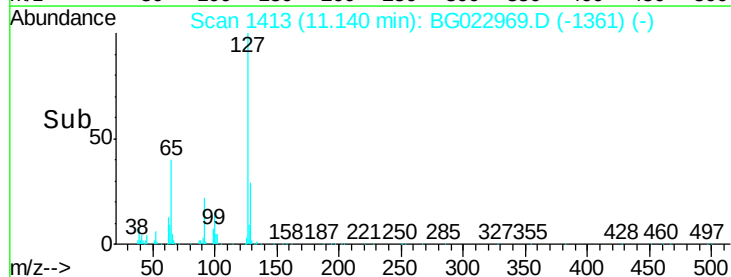
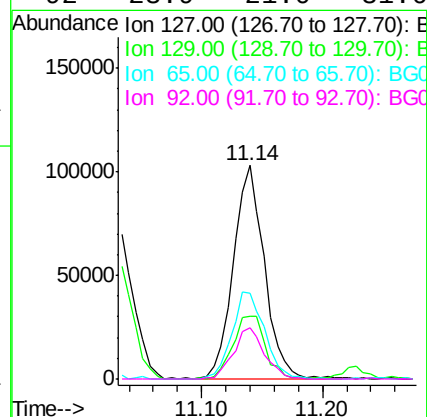
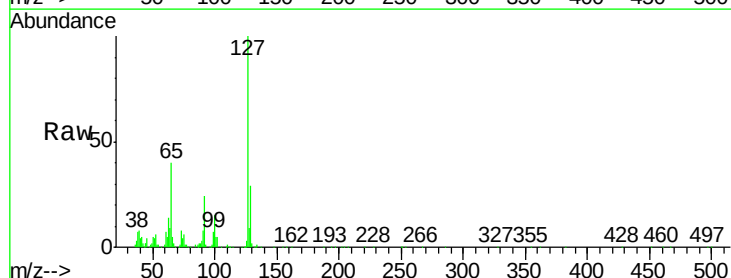
Ion Ratio Lower Upper

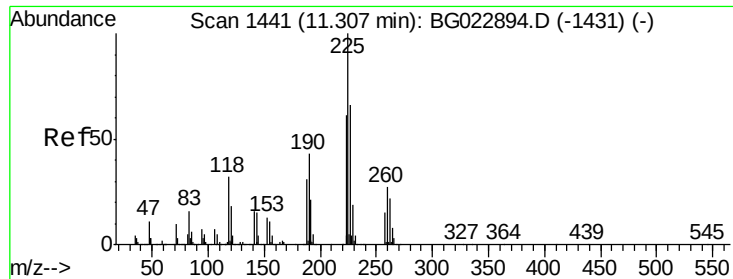
127 100

129 29.5 27.9 41.9

65 40.2 36.8 55.2

92 23.9 21.0 31.6





#34

Hexachlorobutadiene

Concen: 39.49 ng

RT: 11.31 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Instrument :

BNA_G

ClientSampleId :

PB91967BS

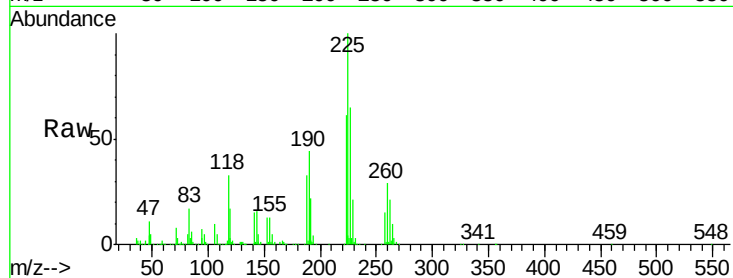
Tgt Ion:225 Resp: 266795

Ion Ratio Lower Upper

225 100

223 60.6 49.6 74.4

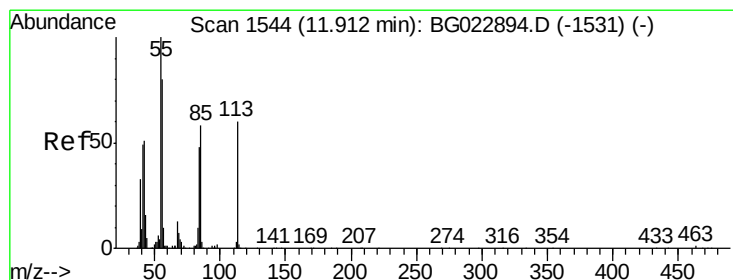
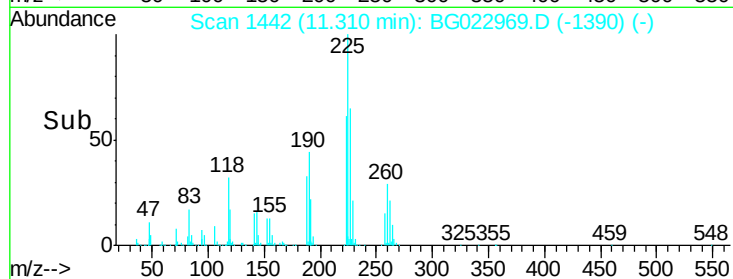
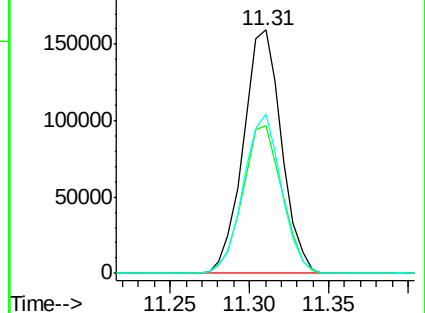
227 65.5 54.5 81.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 24.82 ng

RT: 11.91 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

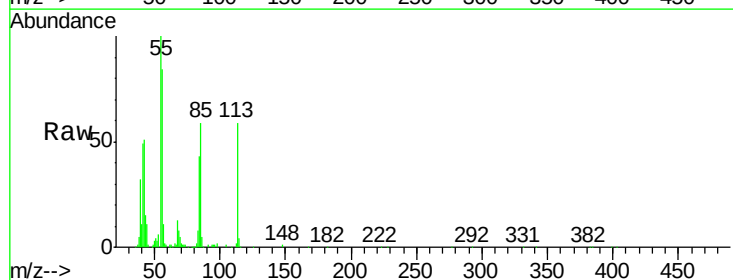
Tgt Ion:113 Resp: 74264

Ion Ratio Lower Upper

113 100

55 170.0 154.5 194.5

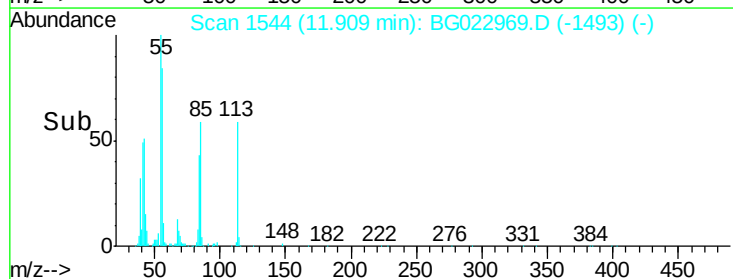
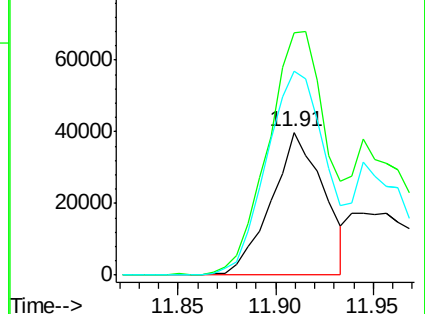
56 143.1 125.1 165.1

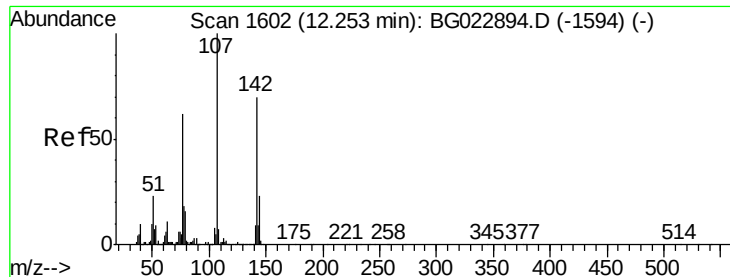


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

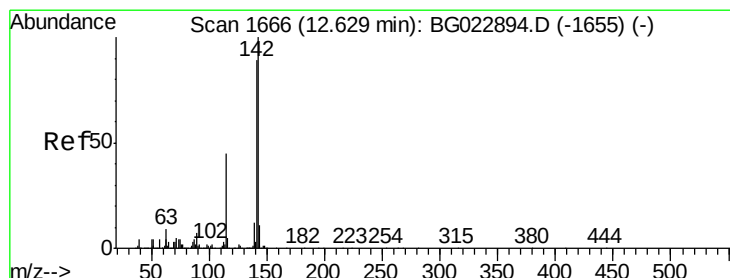
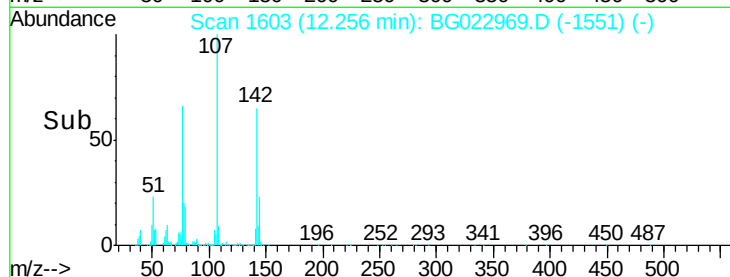
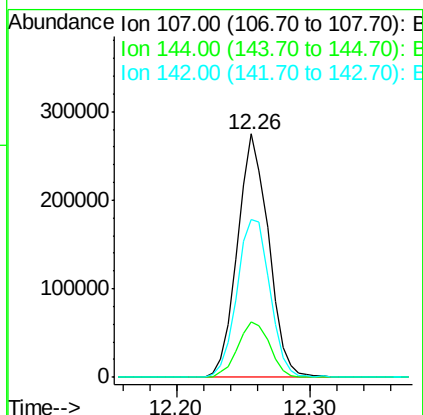
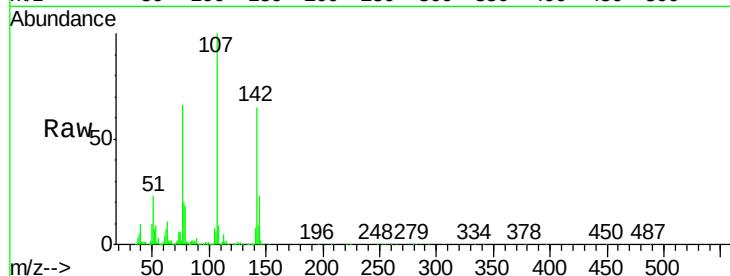




#36
4-Chloro-3-methylphenol
Concen: 44.58 ng
RT: 12.26 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

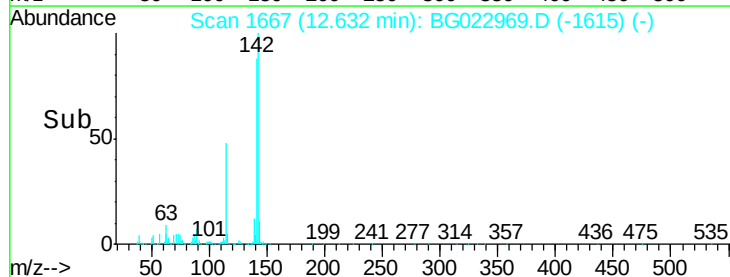
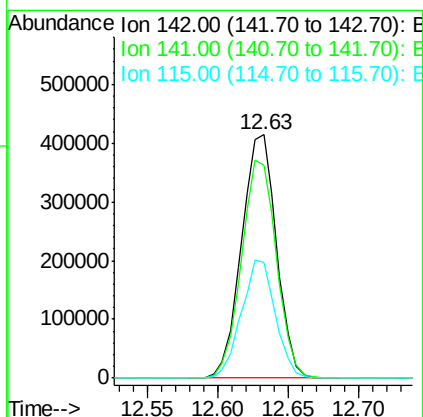
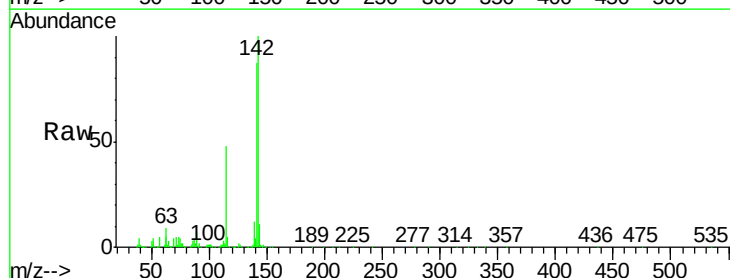
Instrument :
BNA_G
ClientSampleId :
PB91967BS

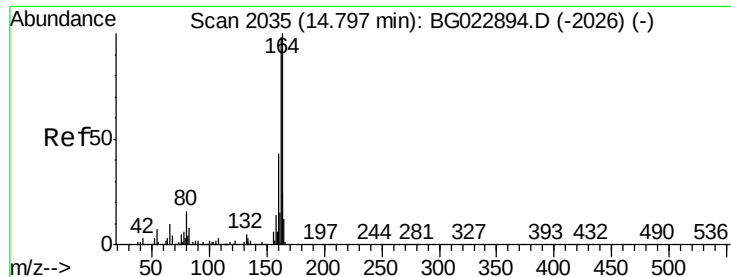
Tgt Ion:107 Resp: 443461
Ion Ratio Lower Upper
107 100
144 22.7 17.0 25.6
142 65.1 53.0 79.6



#37
2-Methylnaphthalene
Concen: 43.92 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

Tgt Ion:142 Resp: 715973
Ion Ratio Lower Upper
142 100
141 87.4 70.2 105.2
115 47.8 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Instrument :

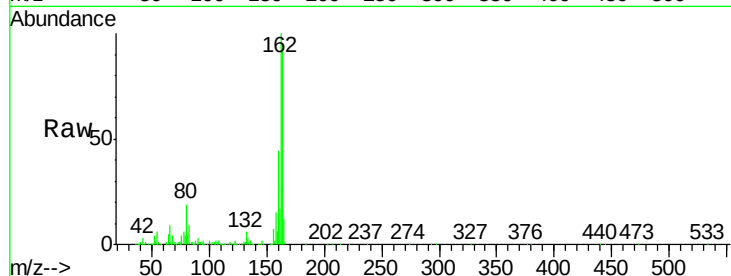
BNA_G

ClientSampleId :

PB91967BS

Tgt Ion:164 Resp: 318010

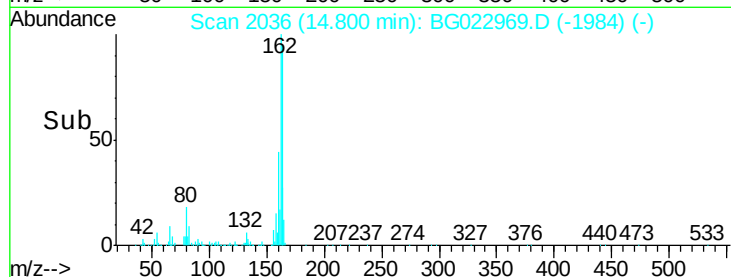
Ion	Ratio	Lower	Upper
164	100		
162	105.3	87.7	131.5
160	46.0	37.2	55.8



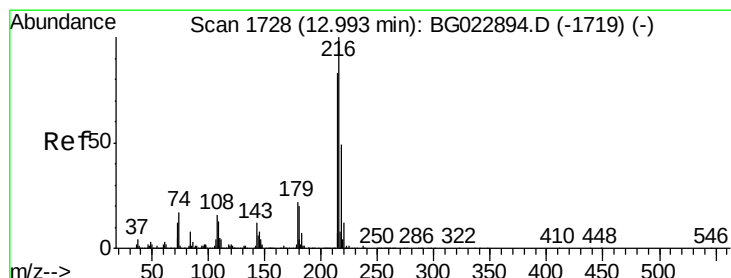
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.70 14.80 14.90



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.85 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Tgt Ion:216 Resp: 491288

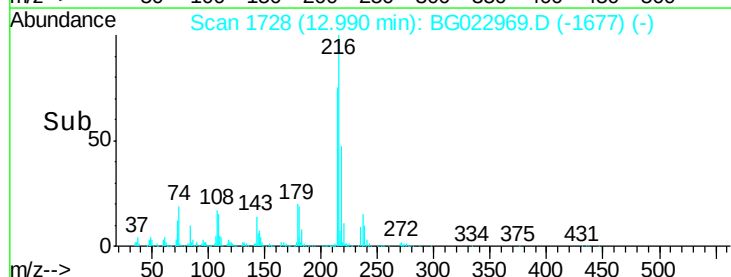
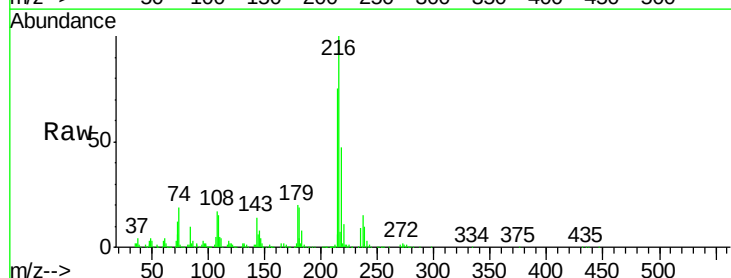
Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.9	94.3
179	20.2	17.2	25.8
108	20.1	16.3	24.5

Abundance Ion 216.00 (215.70 to 216.70): E

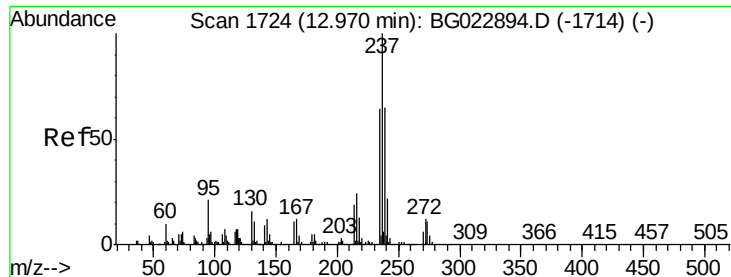
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 12.90 13.00 13.10



#40

Hexachlorocyclopentadiene

Concen: 82.47 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Instrument :

BNA_G

ClientSampleId :

PB91967BS

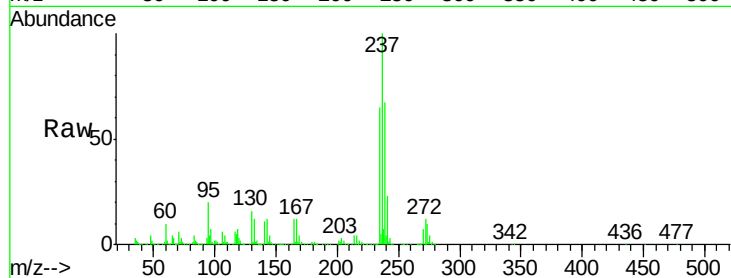
Tgt Ion:237 Resp: 650589

Ion Ratio Lower Upper

237 100

235 65.1 43.1 83.1

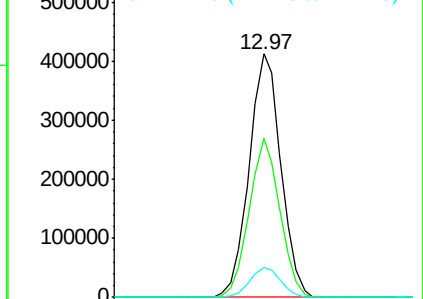
272 12.1 0.0 30.9



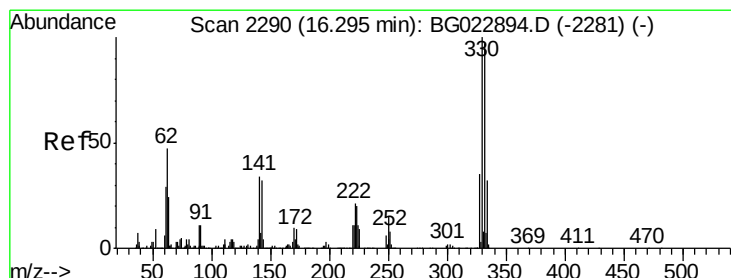
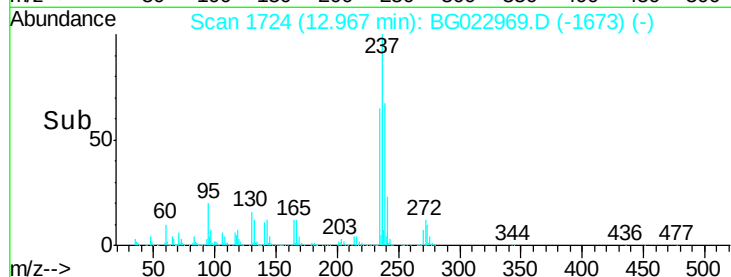
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 129.09 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

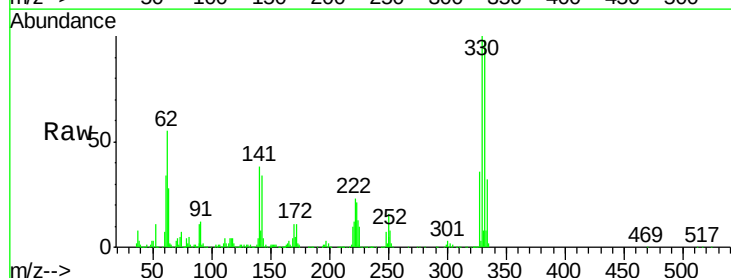
Tgt Ion:330 Resp: 737793

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

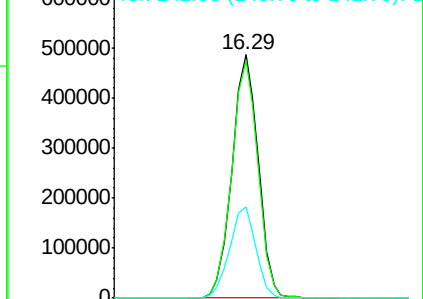
141 37.6 31.7 47.5



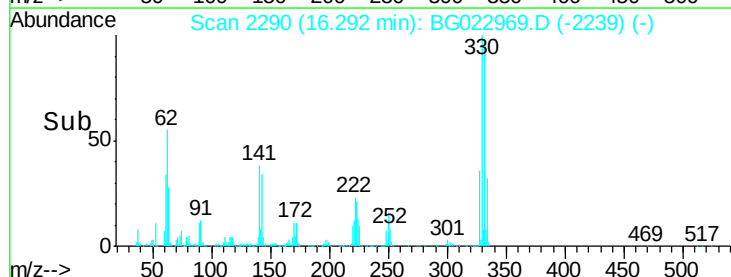
Abundance Ion 329.80 (329.50 to 330.50): E

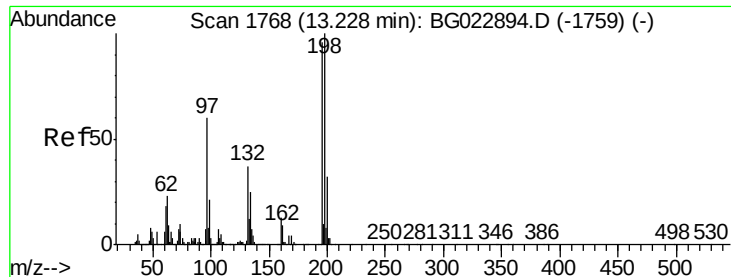
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

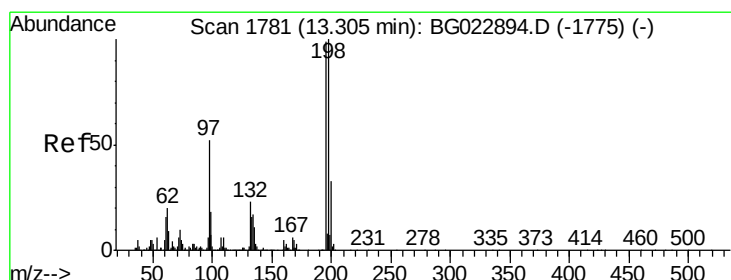
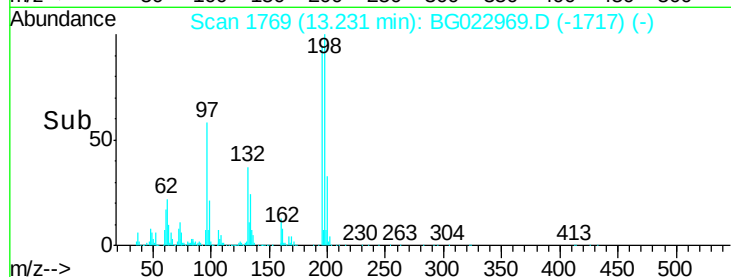
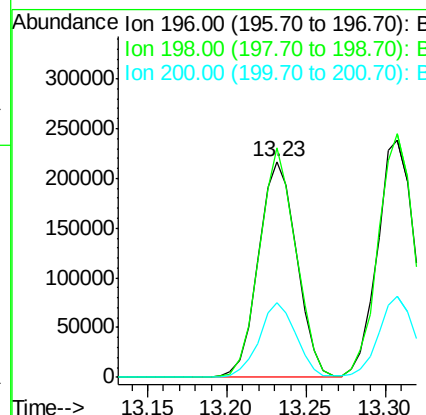
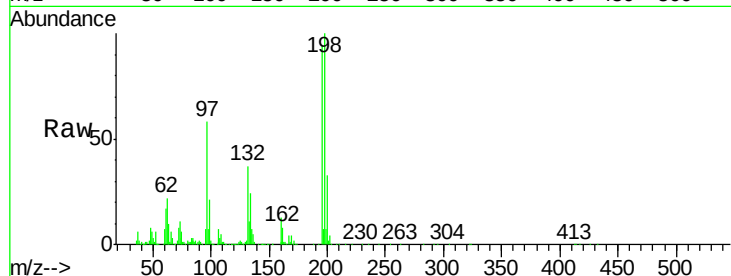




#42
2,4,6-Trichlorophenol
Concen: 46.30 ng
RT: 13.23 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

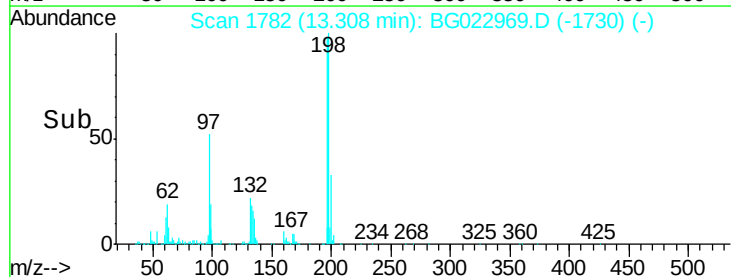
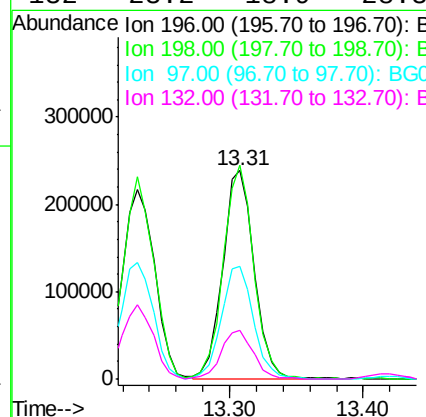
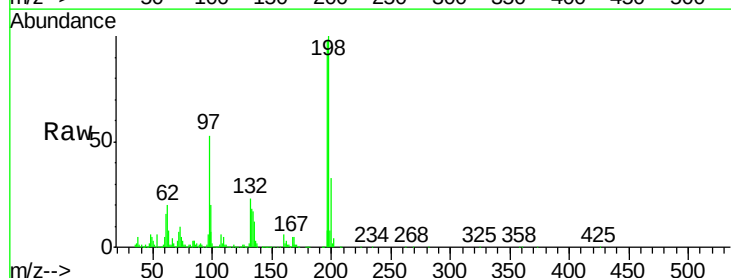
Instrument :
BNA_G
ClientSampleId :
PB91967BS

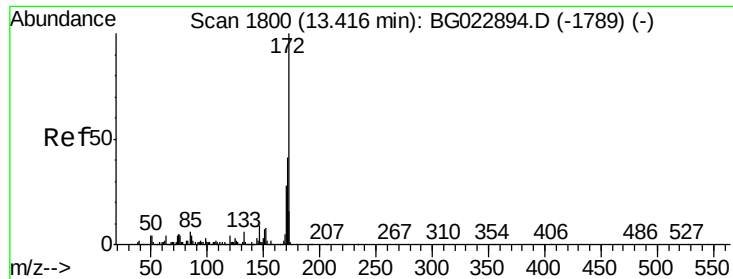
Tgt Ion:196 Resp: 364734
Ion Ratio Lower Upper
196 100
198 106.6 78.2 117.2
200 34.8 27.0 40.4



#43
2,4,5-Trichlorophenol
Concen: 48.58 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

Tgt Ion:196 Resp: 392984
Ion Ratio Lower Upper
196 100
198 102.5 85.7 128.5
97 54.1 45.5 68.3
132 23.2 18.9 28.3

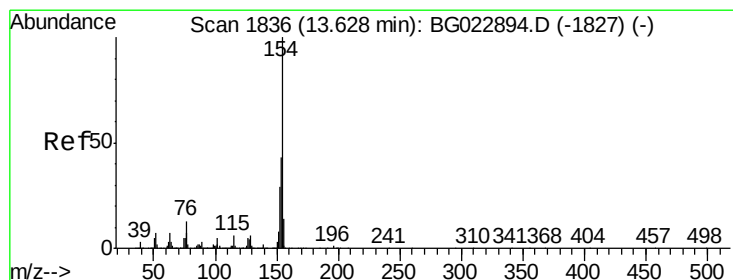
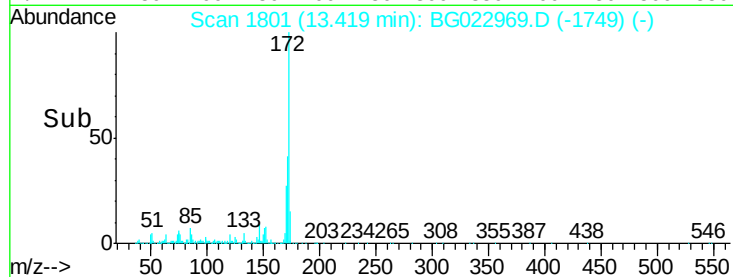
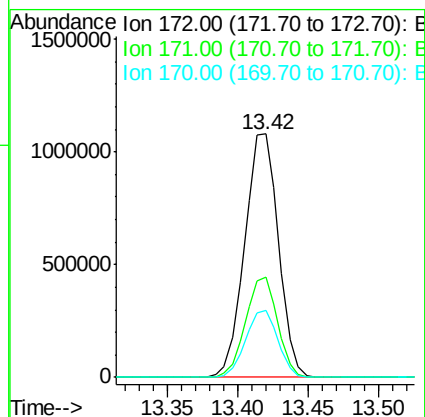
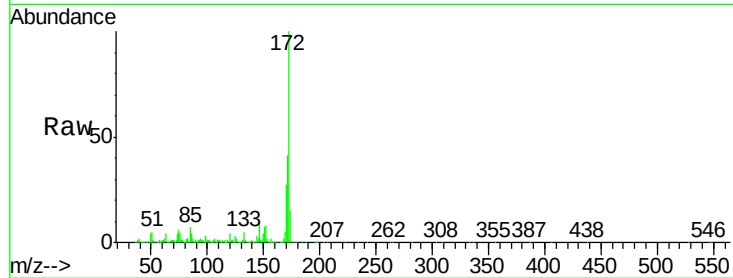




#44
 2-Fluorobiphenyl
 Concen: 89.73 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022969.D
 Acq: 9 Jul 2016 17:28

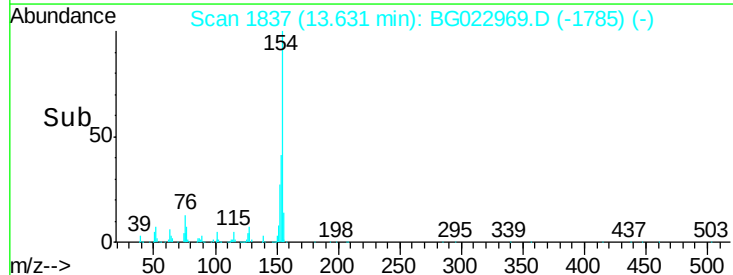
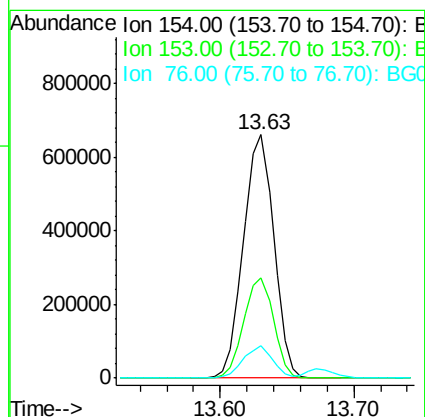
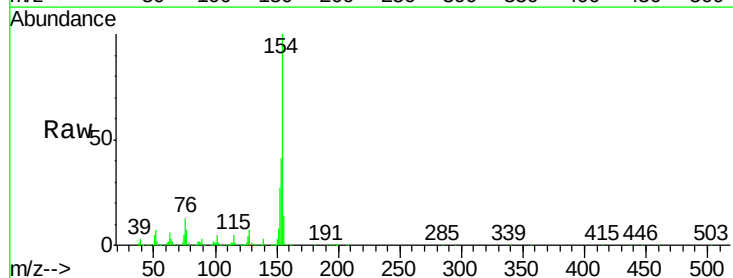
Instrument :
 BNA_G
 ClientSampleId :
 PB91967BS

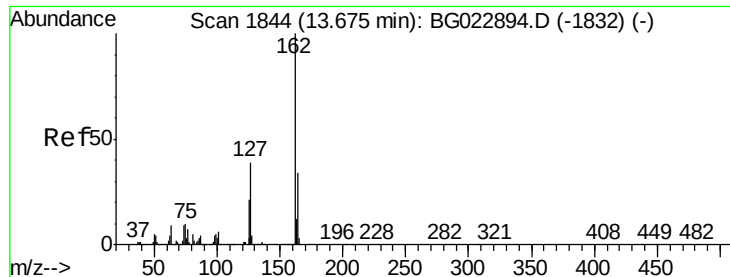
Tgt Ion:172 Resp: 1811591
 Ion Ratio Lower Upper
 172 100
 171 41.1 31.6 47.4
 170 27.5 21.3 31.9



#45
 1,1'-Biphenyl
 Concen: 43.61 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: BG022969.D
 Acq: 9 Jul 2016 17:28

Tgt Ion:154 Resp: 1040667
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.2 60.2
 76 13.4 0.0 32.9

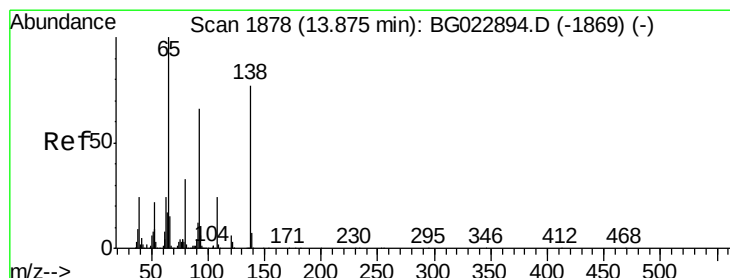
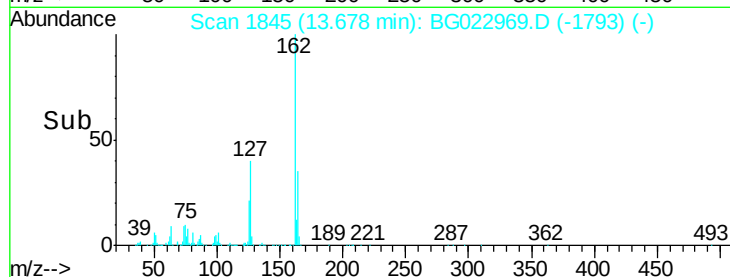
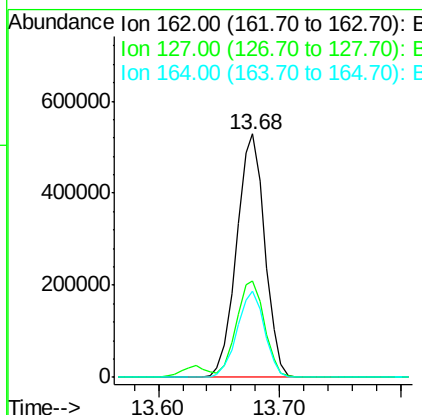
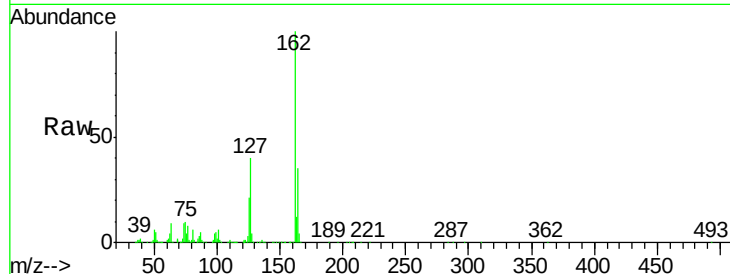




#46
2-Chloronaphthalene
Concen: 44.28 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

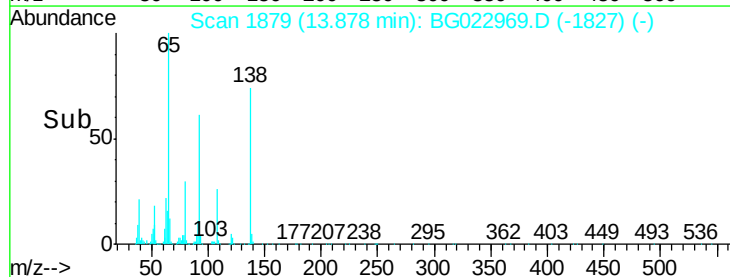
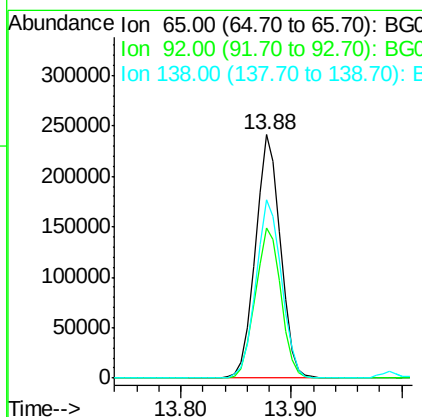
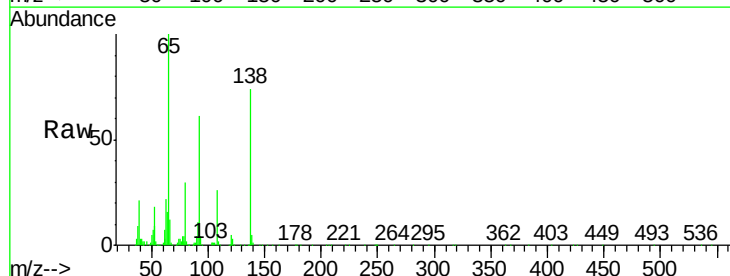
Instrument :
BNA_G
ClientSampleId :
PB91967BS

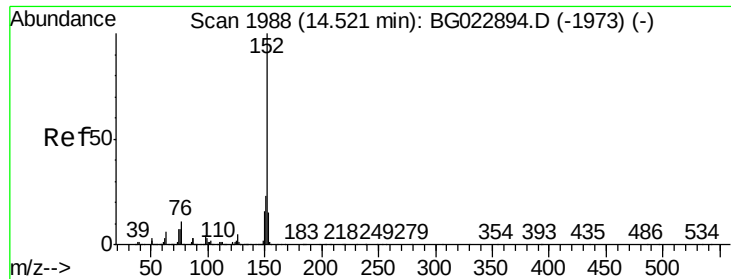
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	32.4	48.6
164	35.4	25.2	37.8



#47
2-Nitroaniline
Concen: 46.56 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.5	49.4	74.0
138	73.5	58.0	87.0





#48

Acenaphthylene

Concen: 45.05 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Instrument :

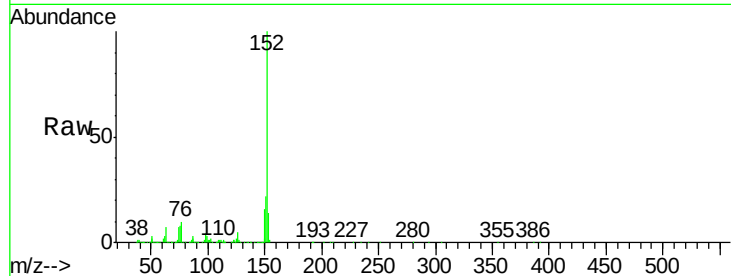
BNA_G

ClientSampleId :

PB91967BS

Tgt Ion:152 Resp: 1307920

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.6	26.4
153	13.6	11.4	17.2

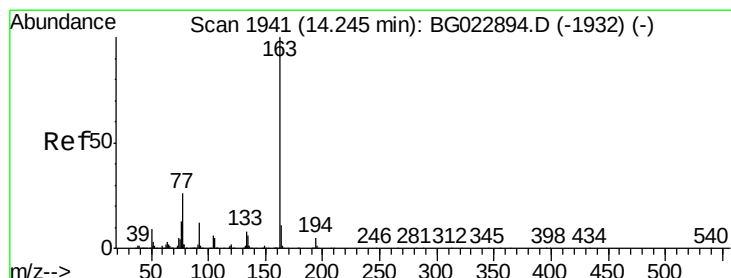
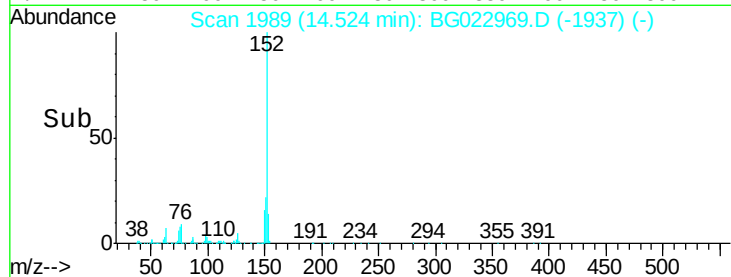
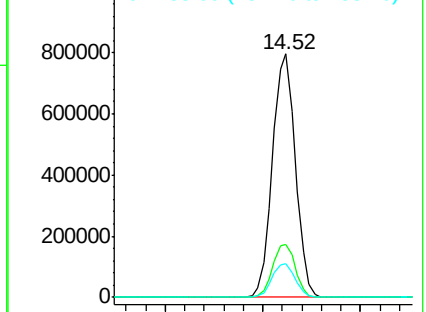


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 46.85 ng

RT: 14.24 min Scan# 1941

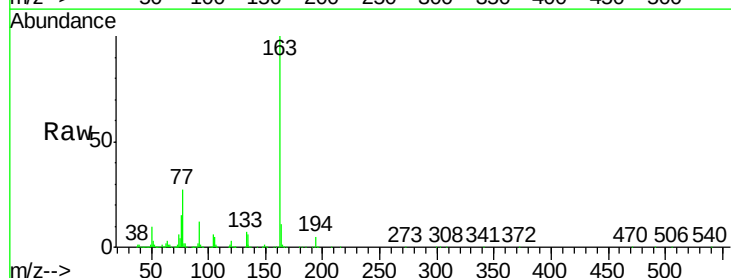
Delta R.T. -0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Tgt Ion:163 Resp: 1217059

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.6	5.4
164	11.1	8.1	12.1

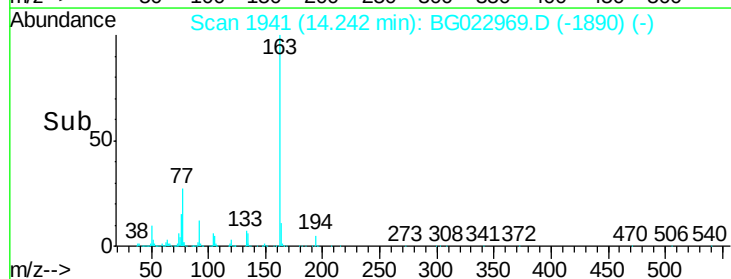
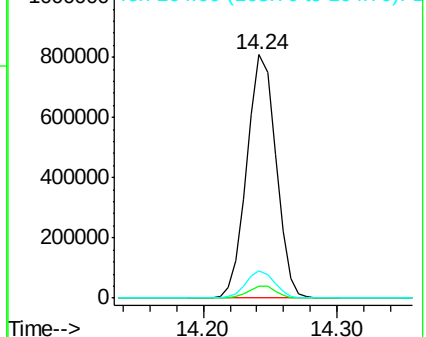


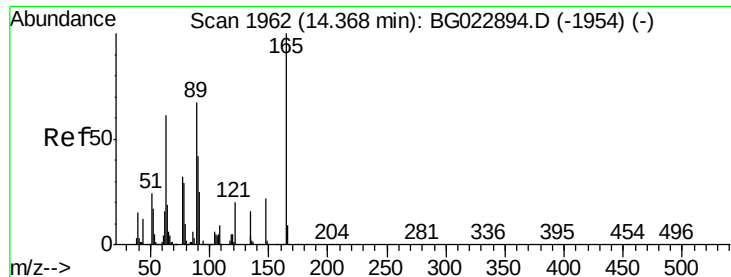
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

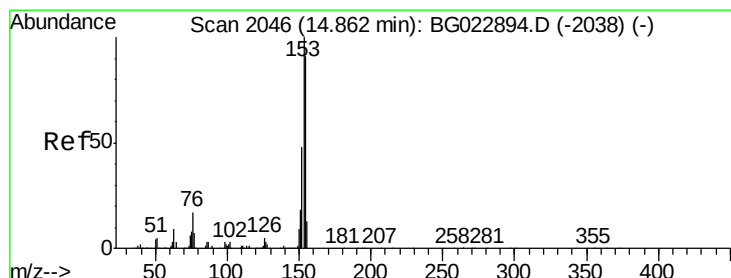
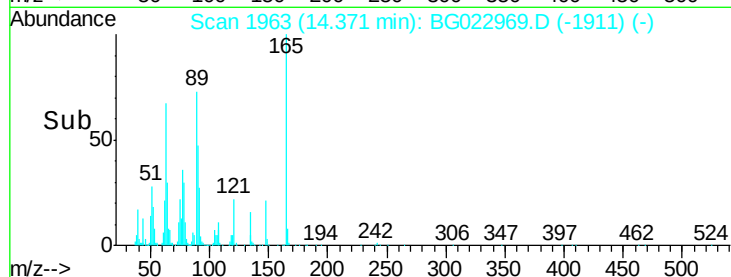
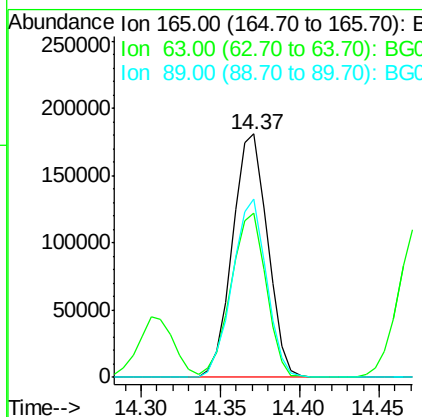
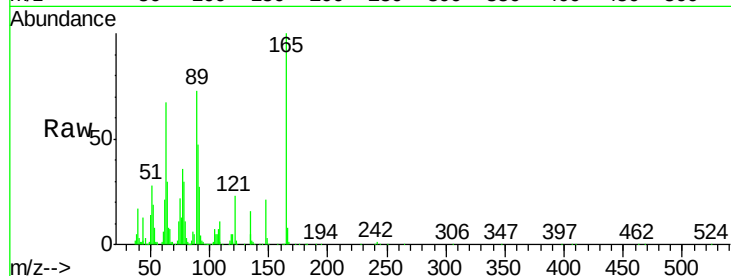




#50
2,6-Dinitrotoluene
Concen: 47.56 ng
RT: 14.37 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

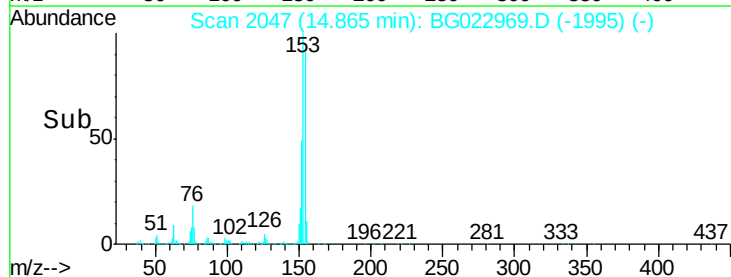
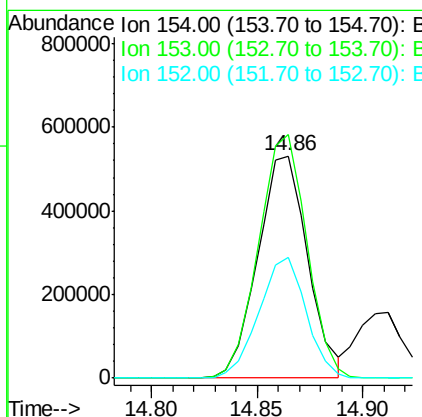
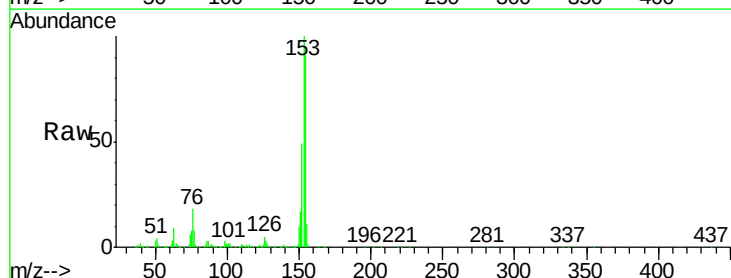
Instrument :
BNA_G
ClientSampleId :
PB91967BS

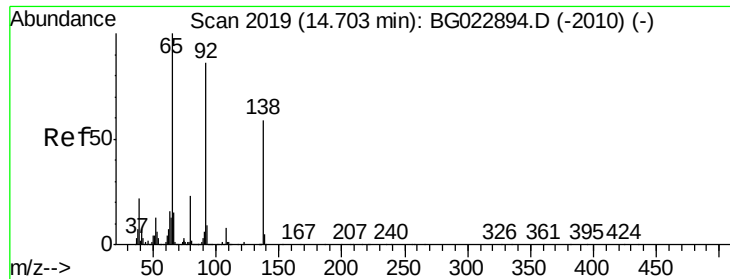
Tgt Ion:165 Resp: 277677
Ion Ratio Lower Upper
165 100
63 67.3 64.3 96.5
89 73.4 64.3 96.5



#51
Acenaphthene
Concen: 45.99 ng
RT: 14.86 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

Tgt Ion:154 Resp: 872612
Ion Ratio Lower Upper
154 100
153 109.7 87.5 131.3
152 54.3 42.7 64.1

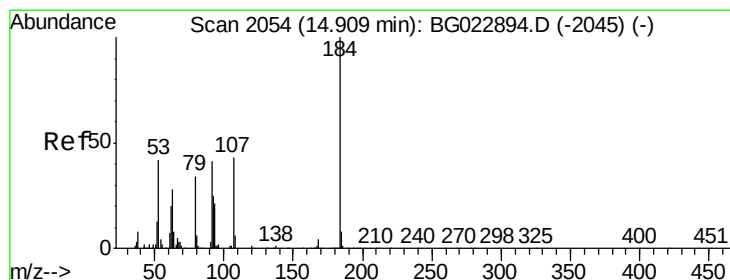
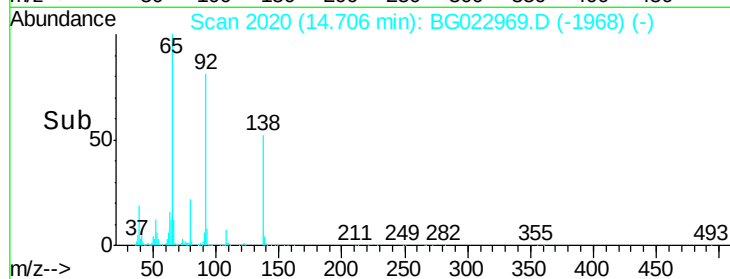
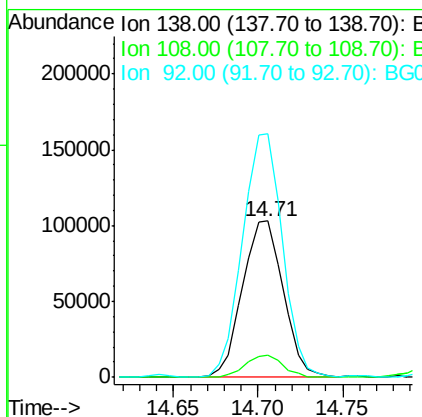
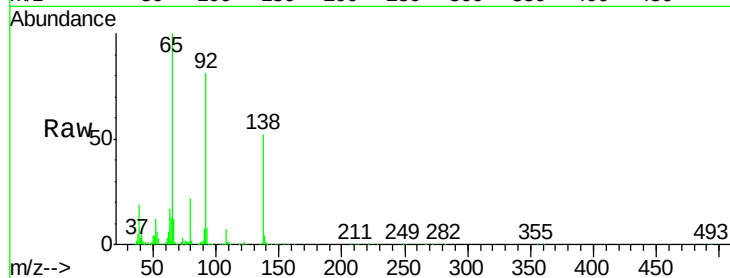




#52
 3-Nitroaniline
 Concen: 29.80 ng
 RT: 14.71 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BG022969.D
 Acq: 9 Jul 2016 17:28

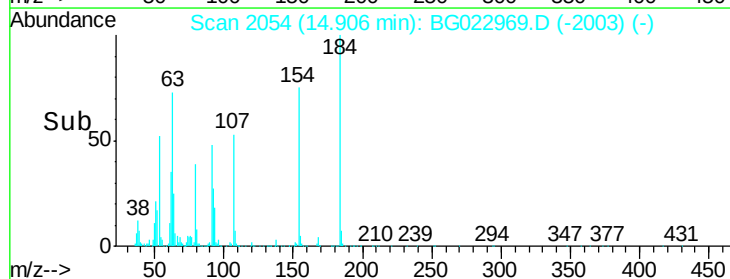
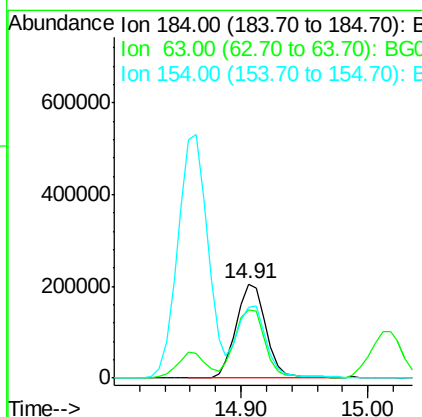
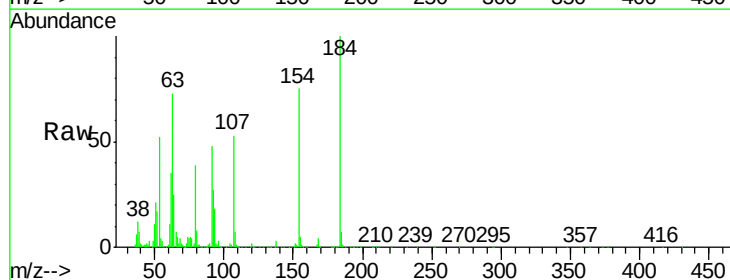
Instrument :
 BNA_G
 ClientSampleId :
 PB91967BS

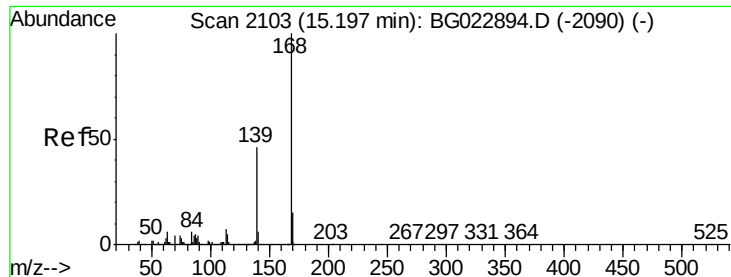
Tgt Ion:138 Resp: 173502
 Ion Ratio Lower Upper
 138 100
 108 13.9 11.7 17.5
 92 156.1 129.7 194.5



#53
 2,4-Dinitrophenol
 Concen: 84.36 ng
 RT: 14.91 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG022969.D
 Acq: 9 Jul 2016 17:28

Tgt Ion:184 Resp: 337945
 Ion Ratio Lower Upper
 184 100
 63 72.7 59.6 89.4
 154 74.9 67.4 101.0





#54

Dibenzenofuran

Concen: 50.10 ng

RT: 15.19 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Instrument :

BNA_G

ClientSampleId :

PB91967BS

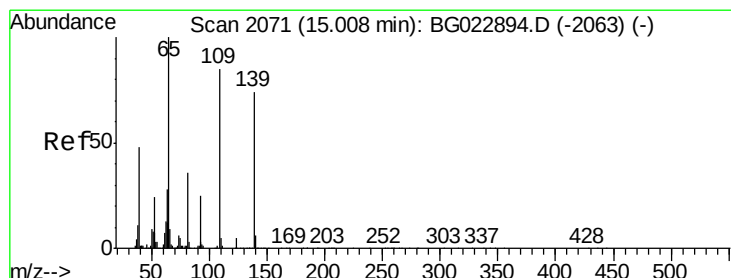
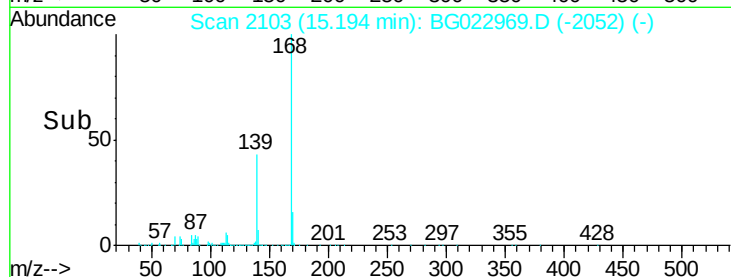
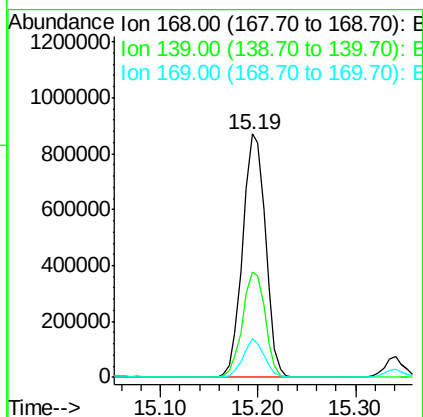
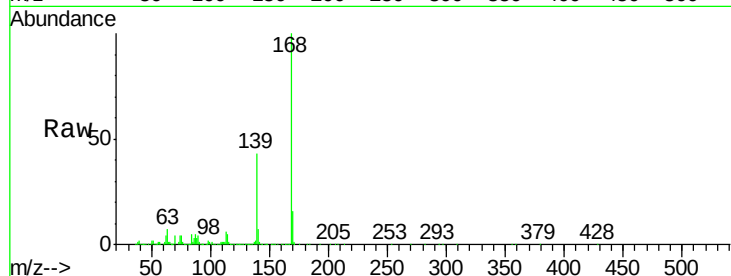
Tgt Ion:168 Resp: 1422950

Ion Ratio Lower Upper

168 100

139 43.3 36.4 54.6

169 16.0 11.9 17.9



#55

4-Nitrophenol

Concen: 88.86 ng

RT: 15.02 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

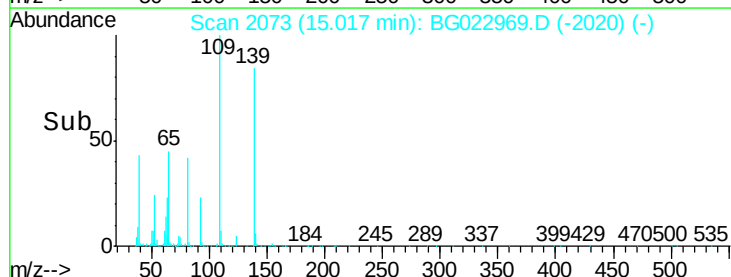
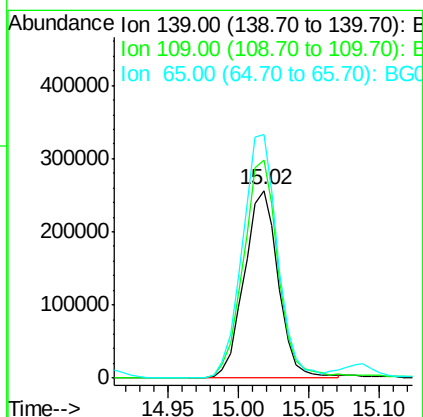
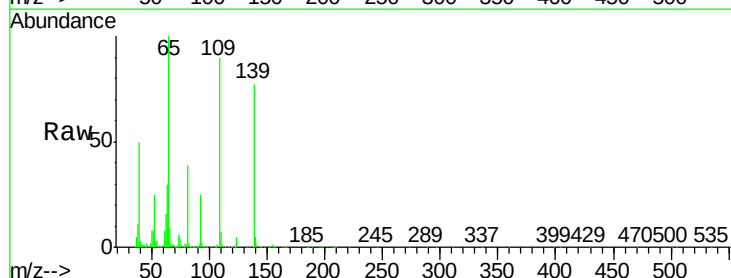
Tgt Ion:139 Resp: 433619

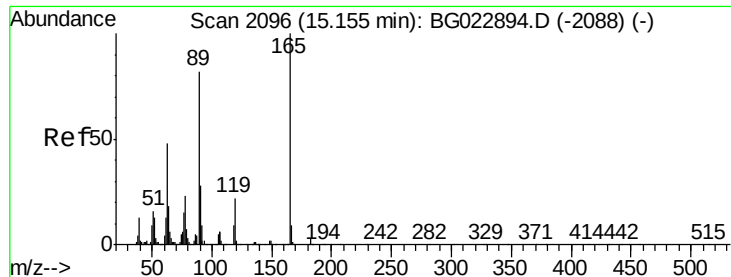
Ion Ratio Lower Upper

139 100

109 116.2 103.0 143.0

65 129.7 112.7 152.7

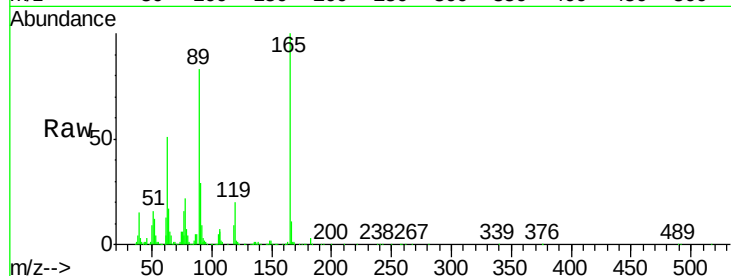




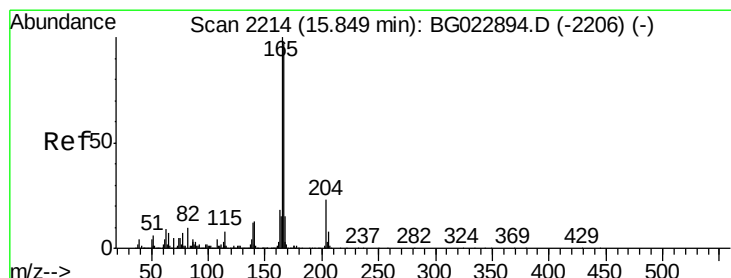
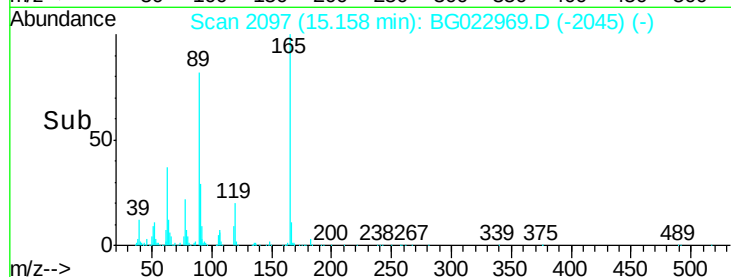
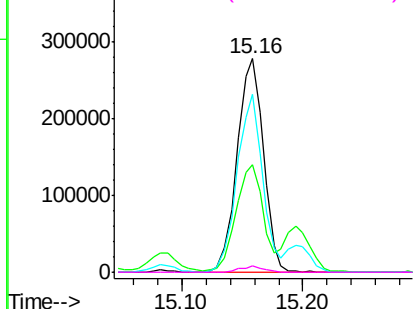
#56
2,4-Dinitrotoluene
Concen: 49.66 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

Instrument :
BNA_G
ClientSampleId :
PB91967BS

Tgt Ion:165 Resp: 422681
Ion Ratio Lower Upper
165 100
63 50.5 45.8 68.6
89 83.2 68.6 102.8
182 3.0 2.0 3.0#

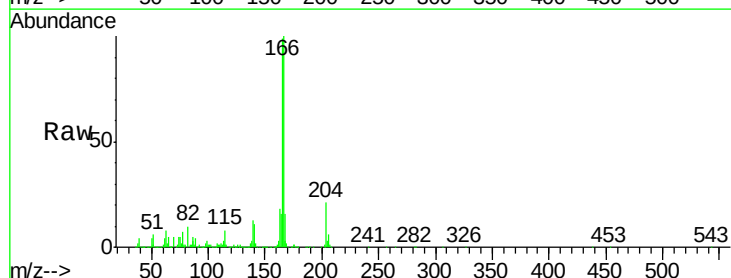


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

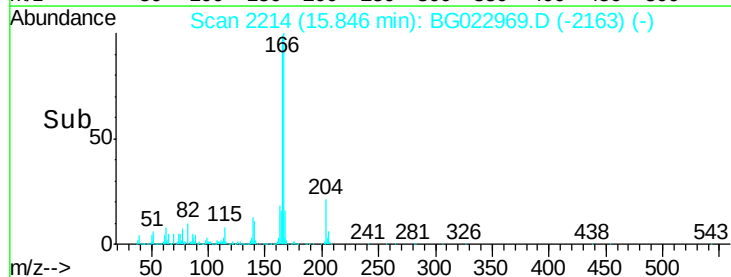
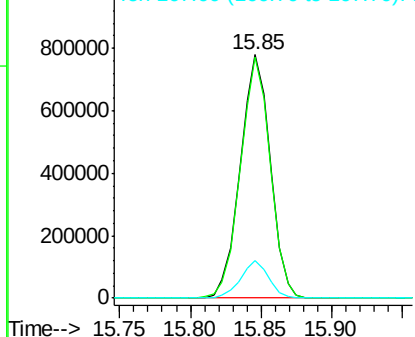


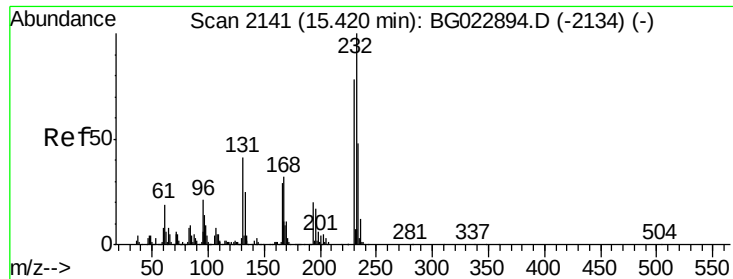
#57
Fluorene
Concen: 47.37 ng
RT: 15.85 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG022969.D
Acq: 9 Jul 2016 17:28

Tgt Ion:166 Resp: 1157972
Ion Ratio Lower Upper
166 100
165 98.8 81.0 121.6
167 15.6 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 50.48 ng

RT: 15.42 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

Instrument :

BNA_G

ClientSampleId :

PB91967BS

Tgt Ion:232 Resp: 408536

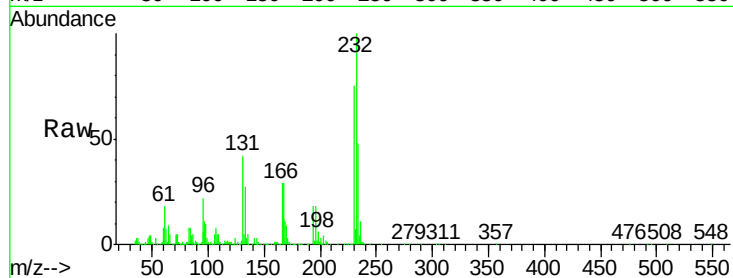
Ion Ratio Lower Upper

232 100

131 41.4 32.7 49.1

130 2.7 2.6 3.8

166 30.3 23.0 34.6

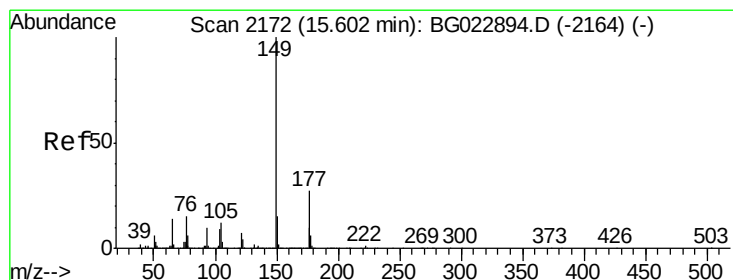
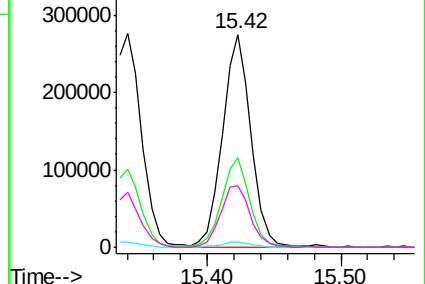
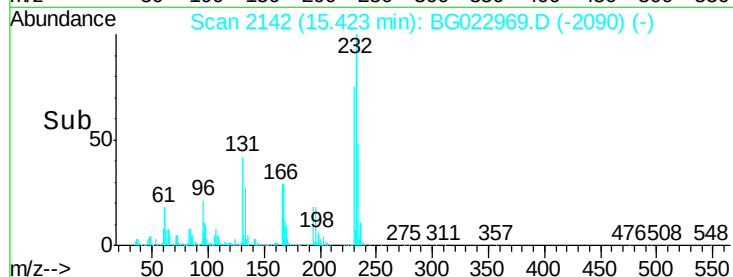


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 47.65 ng

RT: 15.60 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG022969.D

Acq: 9 Jul 2016 17:28

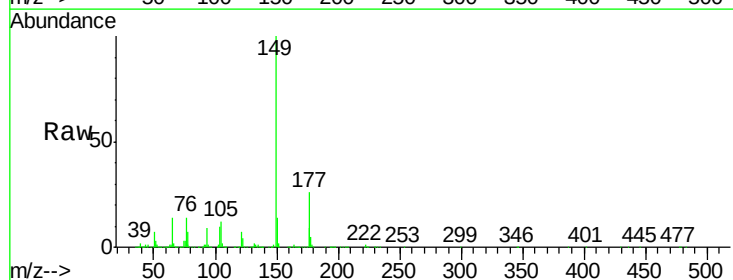
Tgt Ion:149 Resp: 1259472

Ion Ratio Lower Upper

149 100

177 25.5 19.2 28.8

150 14.3 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

