

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091916\
 Data File : BG024032.D
 Acq On : 20 Sep 2016 00:00
 Operator : UM/SJ
 Sample : H4821-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-9MSD

Quant Time: Sep 20 00:56:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44478	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	204531	20.00	ng	-0.05
38) Acenaphthene-d10	14.73	164	176265	20.00	ng	-0.04
63) Phenanthrene-d10	17.49	188	400405	20.00	ng	-0.03
75) Chrysene-d12	21.80	240	456964	20.00	ng	-0.04
86) Perylene-d12	25.14	264	458965	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	210951	83.27	ng	-0.04
7) Phenol-d6	7.23	99	215181	55.18	ng	-0.05
23) Nitrobenzene-d5	9.23	82	460606	100.54	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	369274	116.28	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	970482	78.94	ng	-0.04
78) Terphenyl-d14	20.10	244	1738756	86.66	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	32353	30.97	ng	92
3) Pyridine	3.87	79	110828	35.29	ng	96
4) n-Nitrosodimethylamine	3.78	42	67283	40.65	ng	# 97
6) Aniline	7.38	93	159888	30.89	ng	98
8) 2-Chlorophenol	7.63	128	113445	38.65	ng	94
9) Benzaldehyde	7.20	77	16032	5.79	ng	# 71
10) Phenol	7.26	94	176812	43.10	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	120977	37.48	ng	90
12) 1,3-Dichlorobenzene	7.94	146	121504	35.37	ng	94
13) 1,4-Dichlorobenzene	8.09	146	128570	35.33	ng	94
14) 1,2-Dichlorobenzene	8.41	146	123137	36.05	ng	92
15) Benzyl Alcohol	8.31	79	148133	43.08	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	160910	37.19	ng	93
17) 2-Methylphenol	8.51	107	117542	42.53	ng	93
18) Hexachloroethane	9.14	117	52820	37.69	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	132675	38.51	ng	# 94
20) 3+4-Methylphenols	8.85	107	158122	41.05	ng	97
22) Acetophenone	8.89	105	184464	34.84	ng	# 98
24) Nitrobenzene	9.28	77	197476	40.08	ng	99
25) Isophorone	9.80	82	348672	39.25	ng	97
26) 2-Nitrophenol	10.00	139	71091	37.96	ng	93
27) 2,4-Dimethylphenol	10.06	122	125035	39.28	ng	95
28) bis(2-Chloroethoxy)methane	10.28	93	180155	40.16	ng	98
29) 2,4-Dichlorophenol	10.55	162	141465	41.95	ng	94
30) 1,2,4-Trichlorobenzene	10.74	180	136852	37.00	ng	99
31) Naphthalene	10.93	128	390607	37.06	ng	98
32) Benzoic acid	10.22	122	61347	23.73	ng	96
33) 4-Chloroaniline	11.06	127	94466	21.47	ng	96
34) Hexachlorobutadiene	11.21	225	103533	37.27	ng	91
35) Caprolactam	11.85	113	27149	22.84	ng	# 67
36) 4-Chloro-3-methylphenol	12.20	107	179590	39.85	ng	89
37) 2-Methylnaphthalene	12.55	142	298351	37.21	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	167925	28.70	ng	99
40) Hexachlorocyclopentadiene	12.88	237	198406	58.38	ng	99

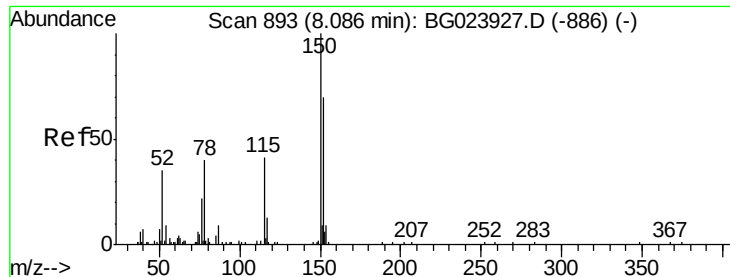
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091916\
 Data File : BG024032.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	126644	32.44	ng	99
43) 2,4,5-Trichlorophenol	13.25	196	131652	33.36	ng	97
45) 1,1'-Biphenyl	13.55	154	373943	26.38	ng	98
46) 2-Chloronaphthalene	13.60	162	338209	32.49	ng	98
47) 2-Nitroaniline	13.82	65	161362	39.36	ng	99
48) Acenaphthylene	14.45	152	554560	31.96	ng	97
49) Dimethylphthalate	14.18	163	513265	33.96	ng	99
50) 2,6-Dinitrotoluene	14.31	165	107695	33.75	ng	96
51) Acenaphthene	14.79	154	351533	32.77	ng	100
52) 3-Nitroaniline	14.65	138	65899	22.08	ng	88
53) 2,4-Dinitrophenol	14.87	184	126113	56.18	ng	91
54) Dibenzofuran	15.13	168	574595	34.32	ng	98
55) 4-Nitrophenol	14.99	139	141144	59.44	ng	# 82
56) 2,4-Dinitrotoluene	15.11	165	162174	34.58	ng	89
57) Fluorene	15.78	166	472121	32.52	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.37	232	146846	36.66	ng	96
59) Diethylphthalate	15.54	149	522655	32.39	ng	98
60) 4-Chlorophenyl-phenylether	15.77	204	251902	32.23	ng	92
61) 4-Nitroaniline	15.83	138	102579	34.00	ng	96
62) Azobenzene	16.06	77	601882	38.51	ng	93
64) 4,6-Dinitro-2-methylphenol	15.88	198	99715	35.87	ng	88
65) n-Nitrosodiphenylamine	15.99	169	437270	38.45	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	189623	38.93	ng	95
67) Hexachlorobenzene	16.79	284	196272	34.35	ng	99
68) Atrazine	16.94	200	183790	37.56	ng	97
69) Pentachlorophenol	17.15	266	202670	66.79	ng	95
70) Phenanthrene	17.54	178	821061	39.42	ng	98
71) Anthracene	17.63	178	849352	39.97	ng	96
72) Carbazole	17.91	167	725597	37.63	ng	98
73) Di-n-butylphthalate	18.44	149	896449	38.97	ng	97
74) Fluoranthene	19.55	202	1011867	40.35	ng	96
76) Benzidine	19.74	184	506907	35.82	ng	97
77) Pyrene	19.91	202	1009340	35.91	ng	95
79) Butylbenzylphthalate	20.78	149	419359	38.71	ng	99
80) Benzo(a)anthracene	21.78	228	993621	38.84	ng	91
81) 3,3'-Dichlorobenzidine	21.69	252	194868	19.06	ng	97
82) Chrysene	21.85	228	954372	39.20	ng	97
83) Bis(2-ethylhexyl)phthalate	21.65	149	572136	38.57	ng	96
84) Di-n-octyl phthalate	22.90	149	962268	39.55	ng	100
85) Indeno(1,2,3-cd)pyrene	28.97	276	1174078	43.55	ng	# 100
87) Benzo(b)fluoranthene	24.07	252	1036191	39.74	ng	95
88) Benzo(k)fluoranthene	24.14	252	1008655	39.02	ng	# 96
89) Benzo(a)pyrene	24.98	252	999796	40.38	ng	# 98
90) Dibenzo(a,h)anthracene	29.02	278	971895	39.91	ng	# 97
91) Benzo(g,h,i)perylene	30.18	276	962713	41.11	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.05 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9MSD

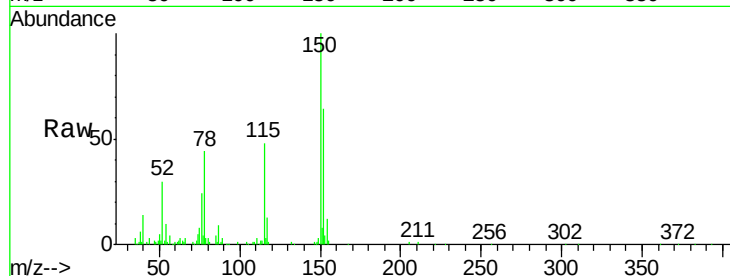
Tgt Ion:152 Resp: 44478

Ion Ratio Lower Upper

152 100

150 157.3 144.7 217.1

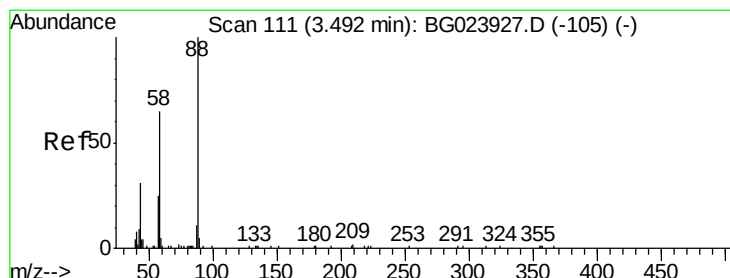
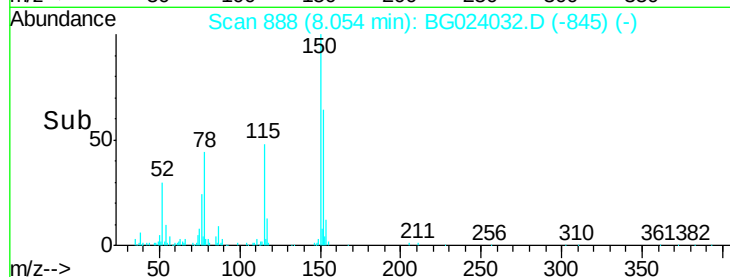
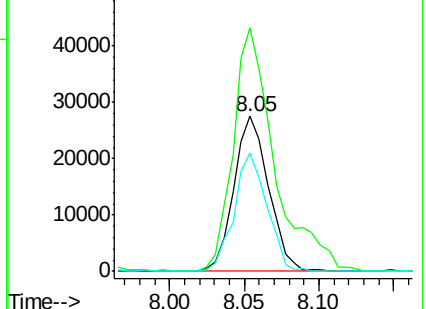
115 76.2 64.0 96.0



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: 30.97 ng

RT: 3.45 min Scan# 105

Delta R.T. -0.04 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

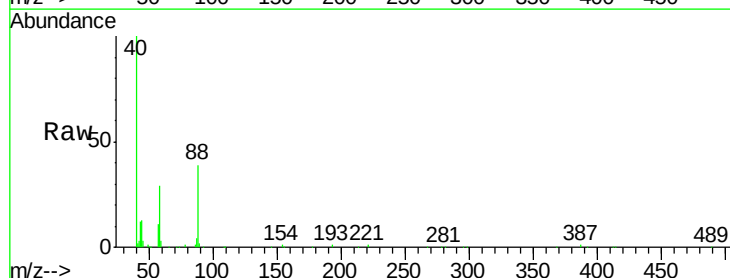
Tgt Ion: 88 Resp: 32353

Ion Ratio Lower Upper

88 100

58 83.5 60.4 90.6

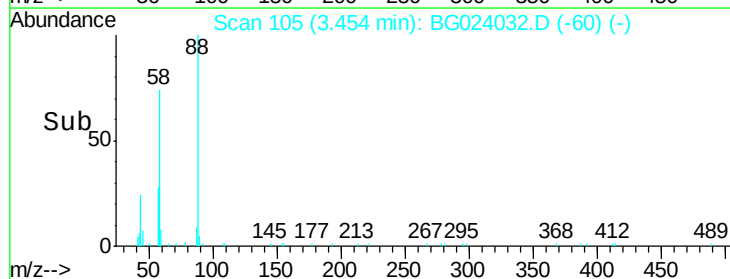
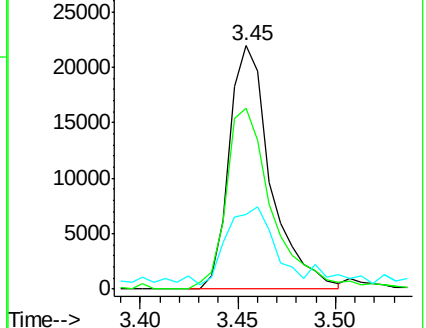
43 35.5 31.1 46.7

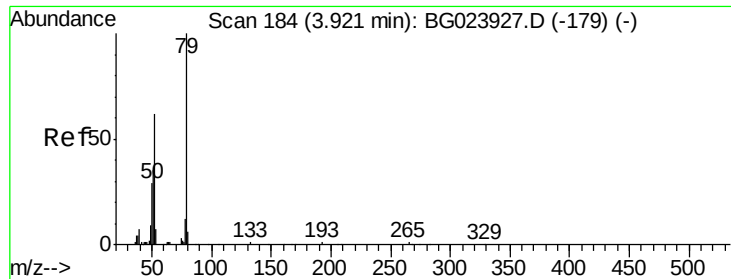


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.29 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.04 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9MSD

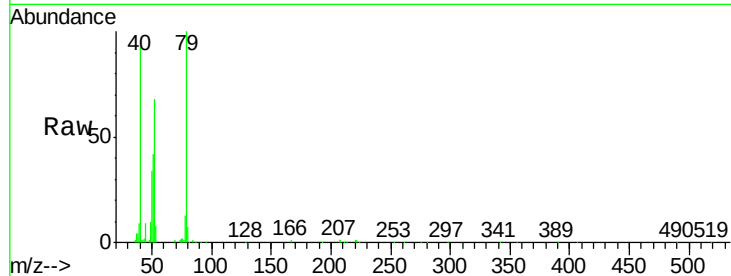
Tgt Ion: 79 Resp: 110828

Ion Ratio Lower Upper

79 100

52 68.3 51.8 77.8

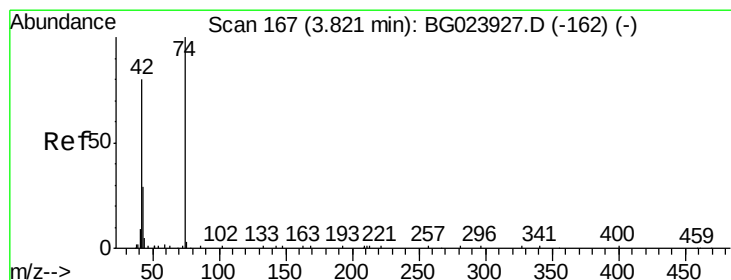
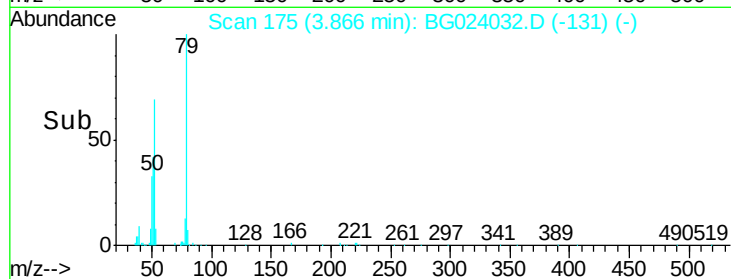
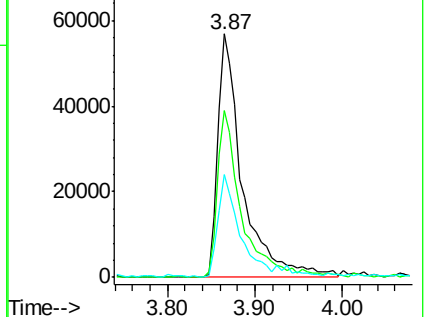
51 42.4 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.65 ng

RT: 3.78 min Scan# 161

Delta R.T. -0.04 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

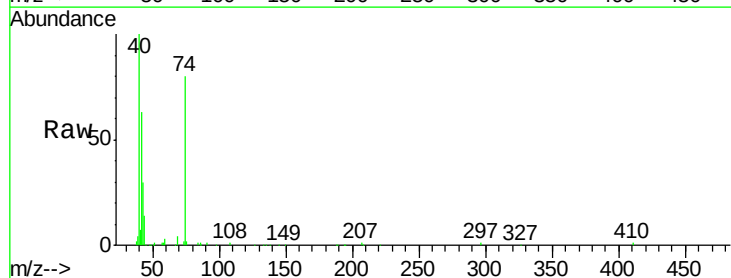
Tgt Ion: 42 Resp: 67283

Ion Ratio Lower Upper

42 100

74 126.6 100.6 150.8

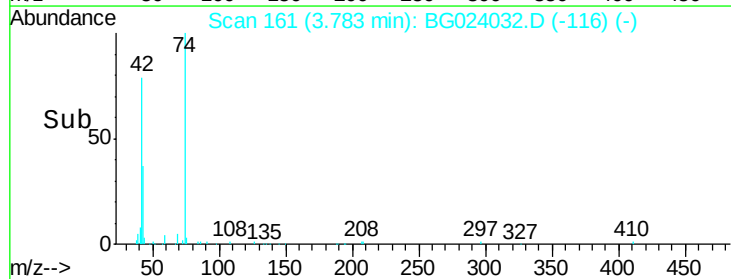
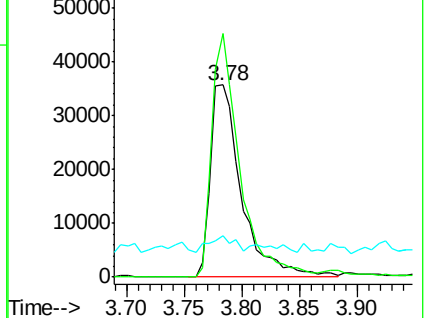
44 21.5 4.5 6.7#

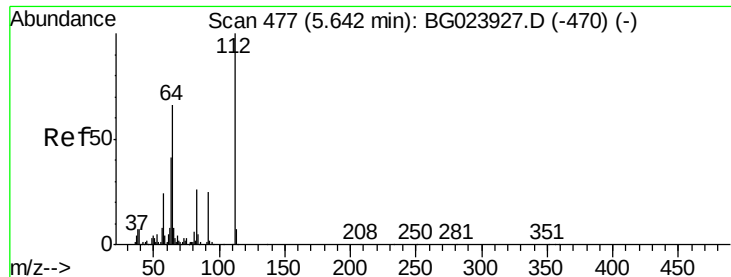


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 83.27 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.04 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9MSD

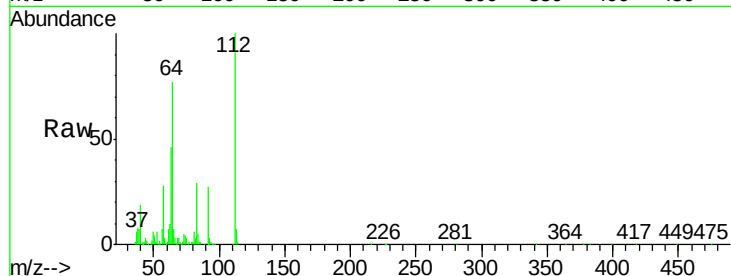
Tgt Ion: 112 Resp: 210951

Ion Ratio Lower Upper

112 100

64 76.6 59.0 88.4

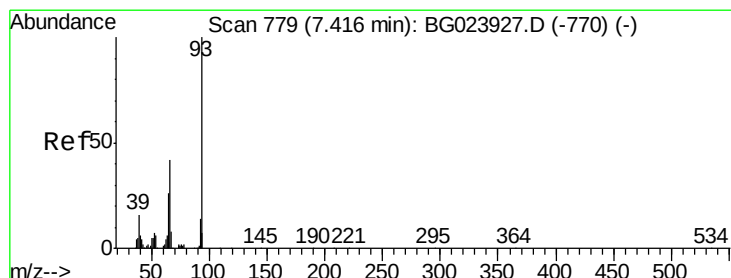
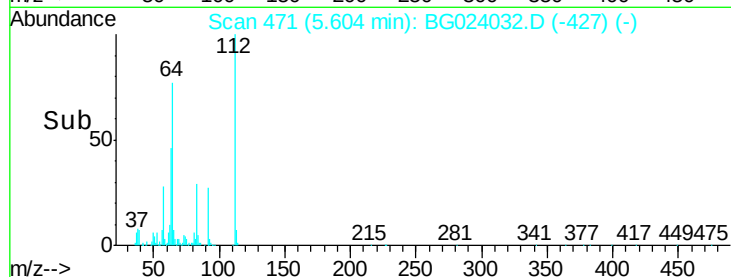
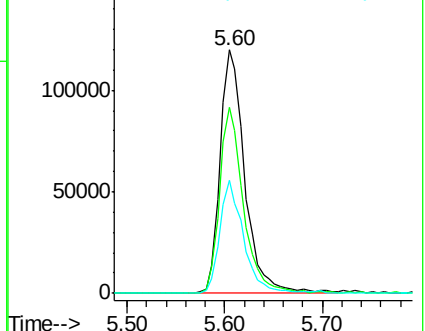
63 46.2 37.8 56.8



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: 30.89 ng

RT: 7.38 min Scan# 773

Delta R.T. -0.05 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

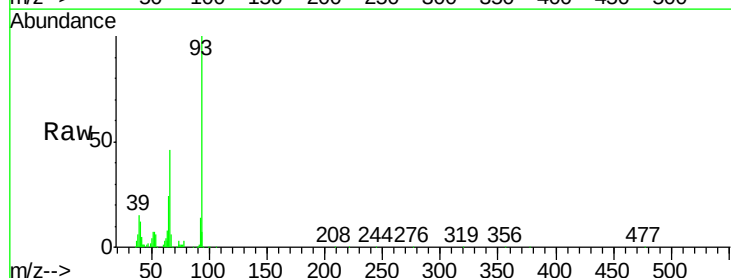
Tgt Ion: 93 Resp: 159888

Ion Ratio Lower Upper

93 100

66 45.9 37.5 56.3

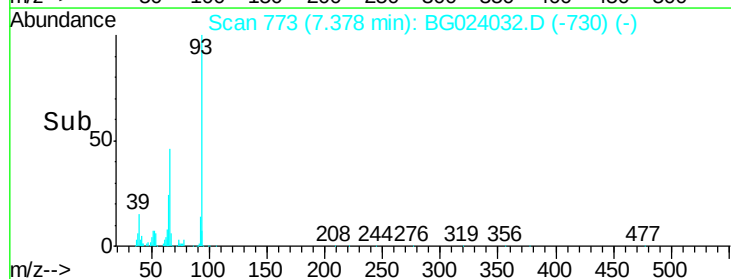
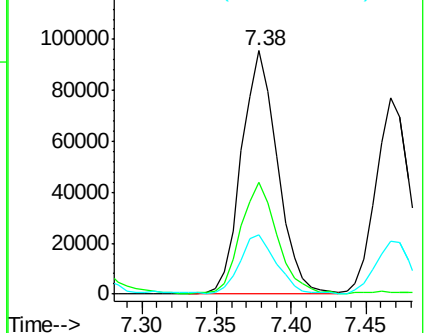
65 24.2 17.9 26.9

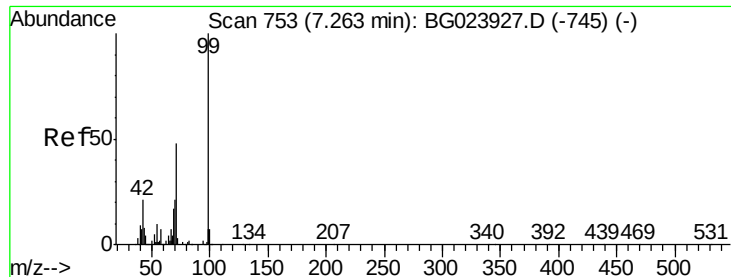


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 55.18 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.05 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

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ClientSampleId :

YORK-MWP7-9MSD

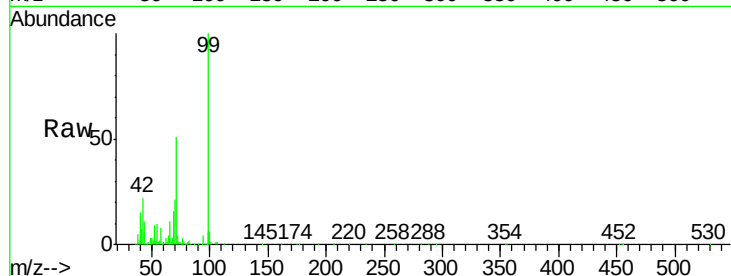
Tgt Ion: 99 Resp: 215181

Ion Ratio Lower Upper

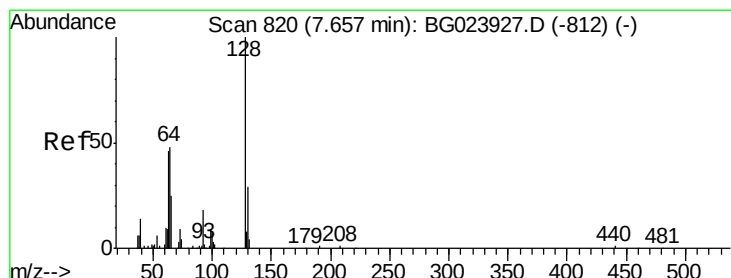
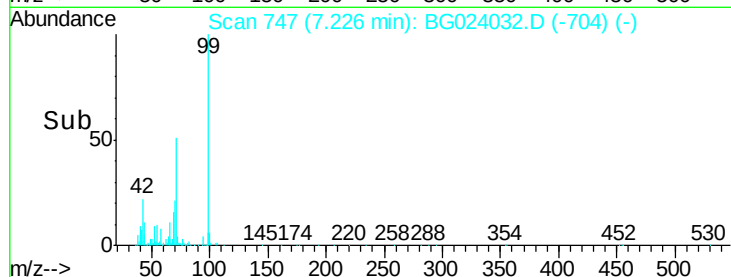
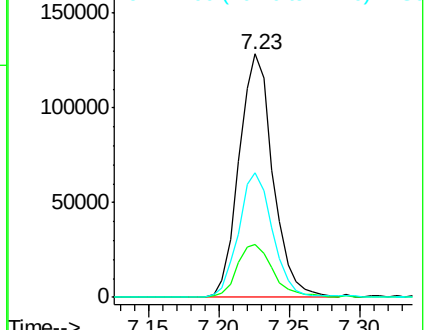
99 100

42 21.7 17.8 26.6

71 51.1 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: 38.65 ng

RT: 7.63 min Scan# 815

Delta R.T. -0.04 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

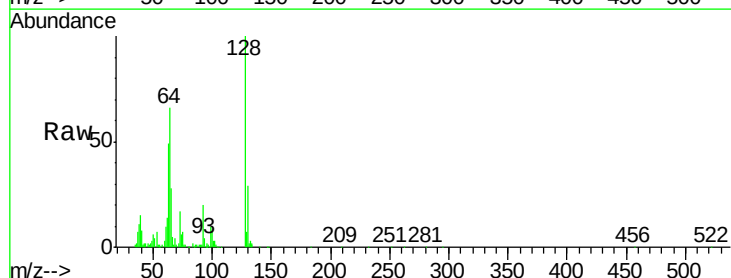
Tgt Ion: 128 Resp: 113445

Ion Ratio Lower Upper

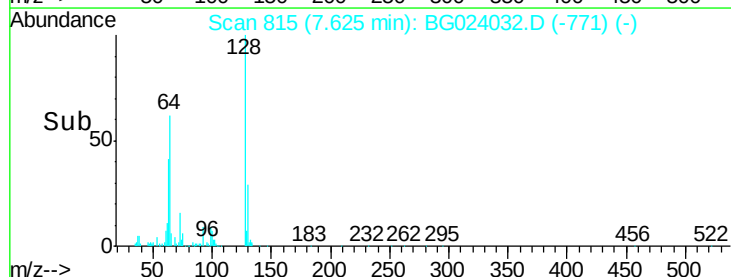
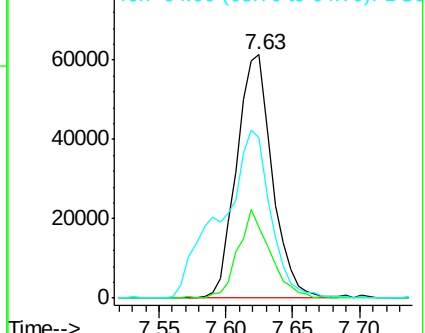
128 100

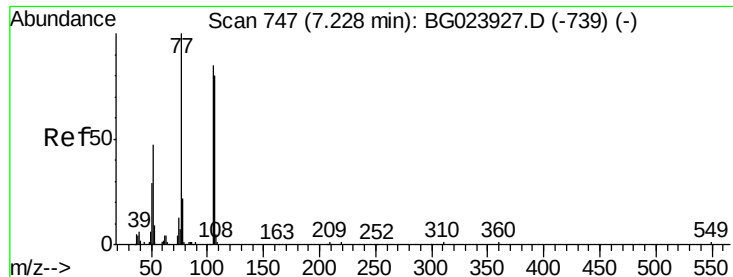
130 29.1 12.9 52.9

64 66.1 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: 5.79 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.04 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9MSD

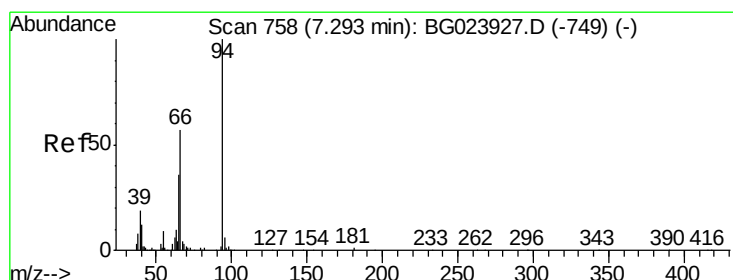
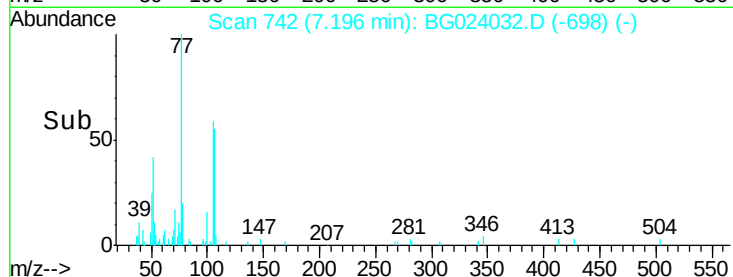
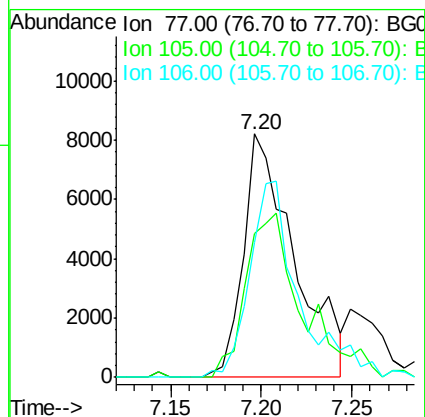
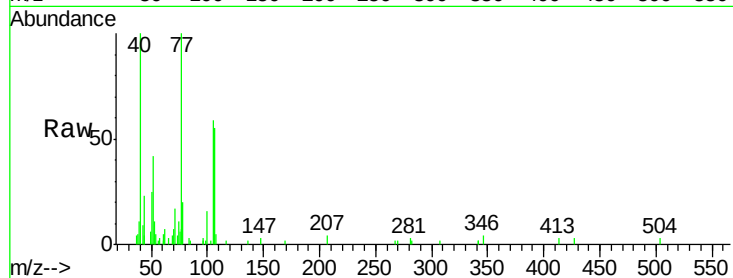
Tgt Ion: 77 Resp: 16032

Ion Ratio Lower Upper

77 100

105 59.2 58.7 98.7

106 55.5 67.5 107.5#



#10

Phenol

Concen: 43.10 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.04 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

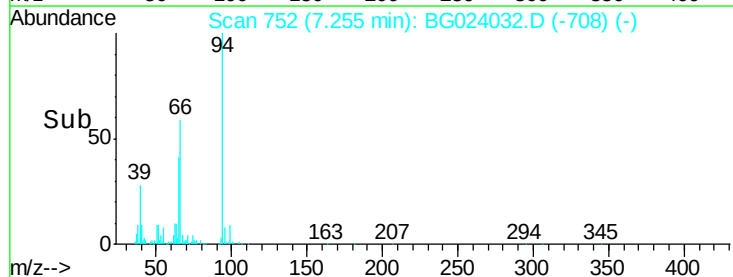
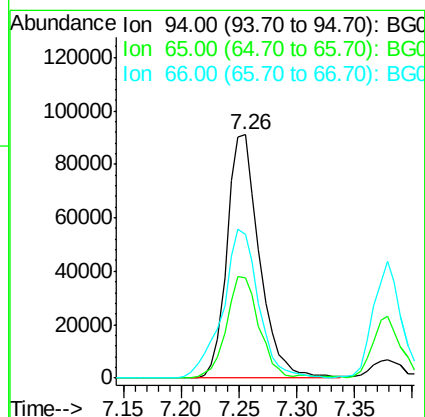
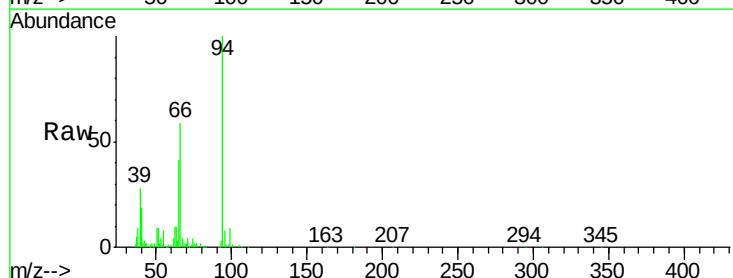
Tgt Ion: 94 Resp: 176812

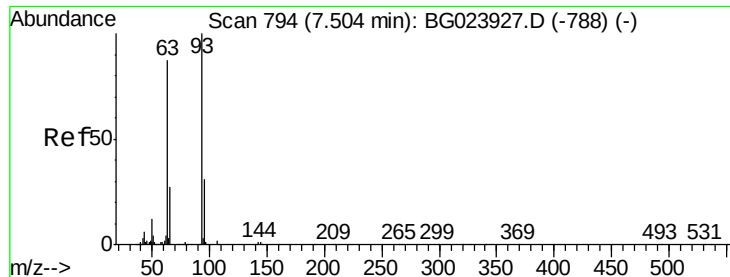
Ion Ratio Lower Upper

94 100

65 40.9 18.1 58.1

66 59.2 42.1 82.1

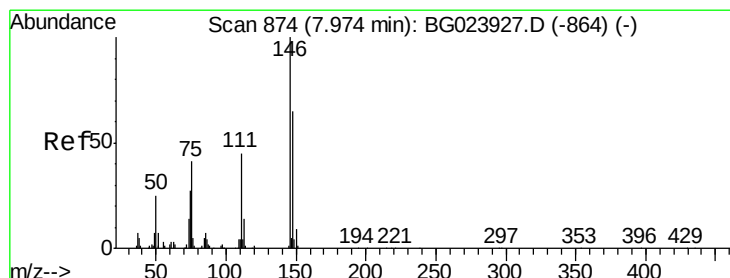
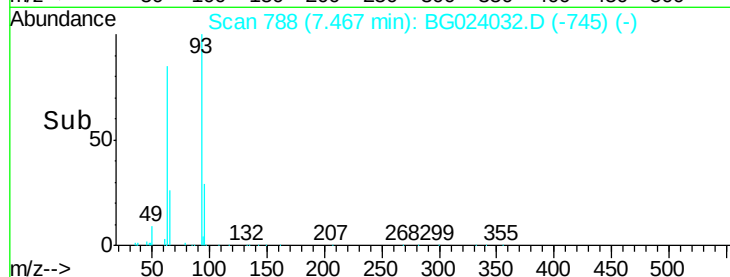
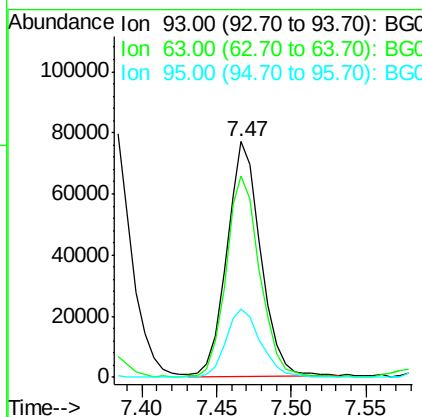
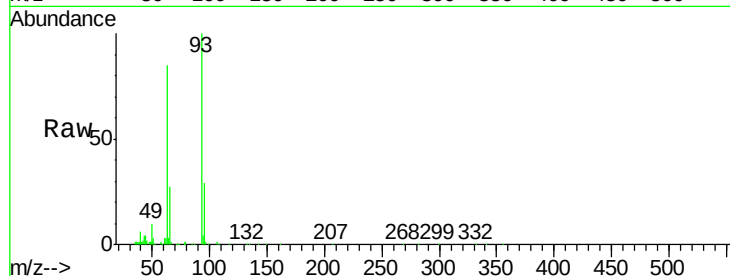




#11
 bis(2-Chloroethyl)ether
 Concen: 37.48 ng
 RT: 7.47 min Scan# 788
 Delta R.T. -0.05 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

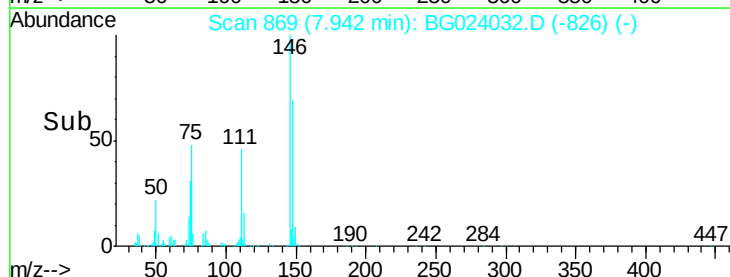
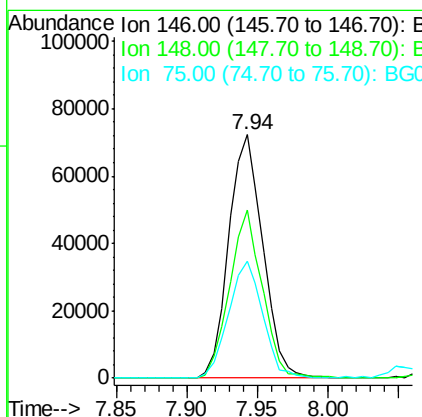
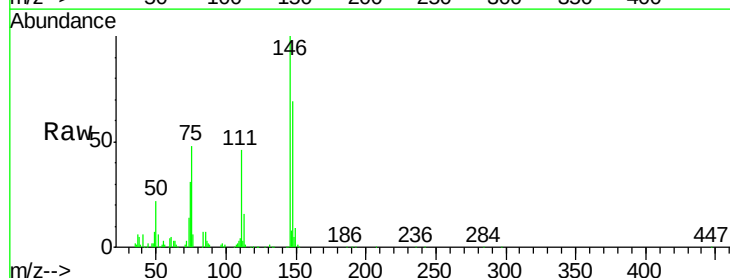
Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-9MSD

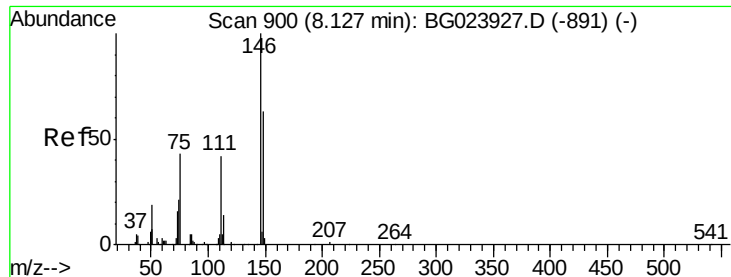
Tgt Ion:	93	Resp:	120977
Ion	Ratio	Lower	Upper
93	100		
63	85.4	55.0	95.0
95	29.2	11.0	51.0



#12
 1,3-Dichlorobenzene
 Concen: 35.37 ng
 RT: 7.94 min Scan# 869
 Delta R.T. -0.05 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

Tgt Ion:	146	Resp:	121504
Ion	Ratio	Lower	Upper
146	100		
148	68.9	50.3	75.5
75	48.2	37.0	55.6

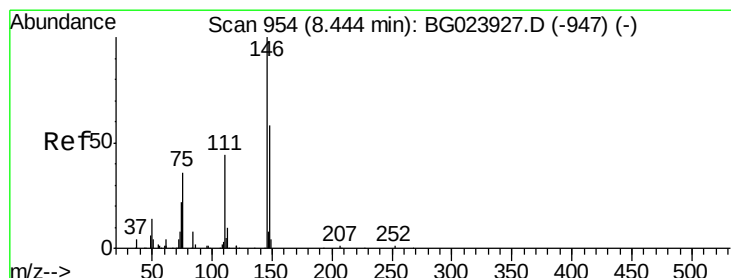
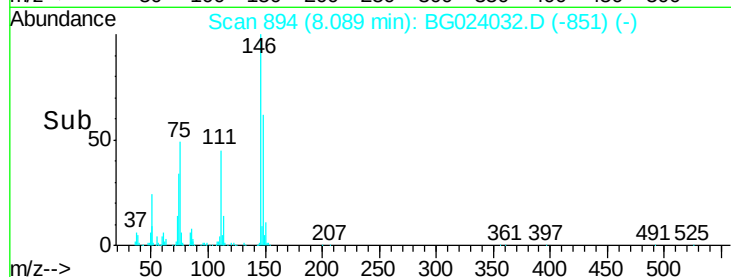
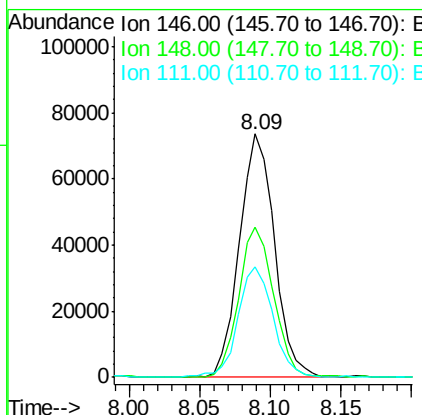
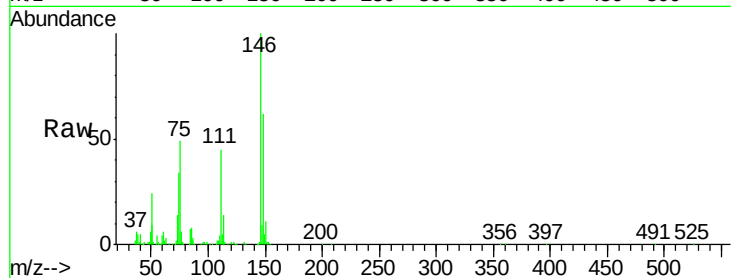




#13
 1,4-Dichlorobenzene
 Concen: 35.33 ng
 RT: 8.09 min Scan# 894
 Delta R.T. -0.05 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

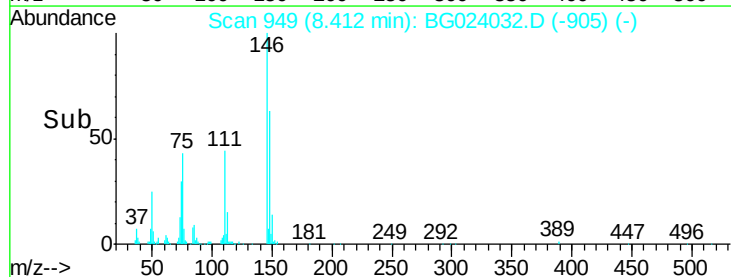
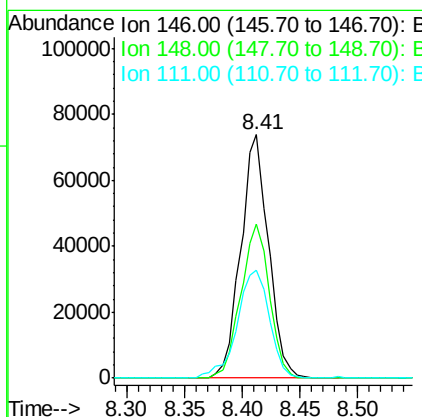
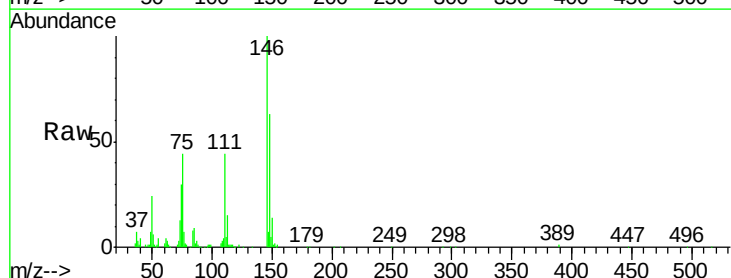
Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-9MSD

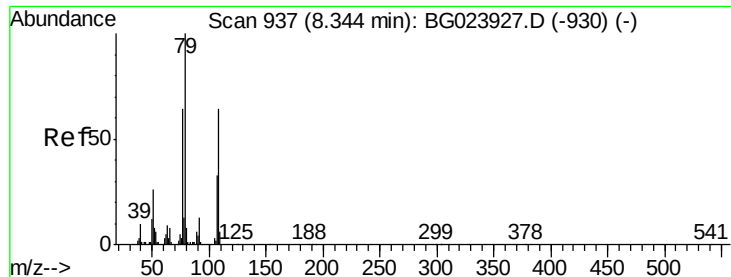
Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	54.5	81.7
111	45.3	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 36.05 ng
 RT: 8.41 min Scan# 949
 Delta R.T. -0.04 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.9	79.3
111	44.4	43.5	65.3





#15

Benzyl Alcohol

Concen: 43.08 ng

RT: 8.31 min Scan# 931

Delta R.T. -0.05 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9MSD

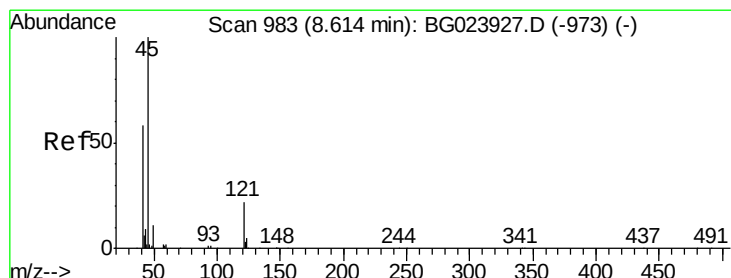
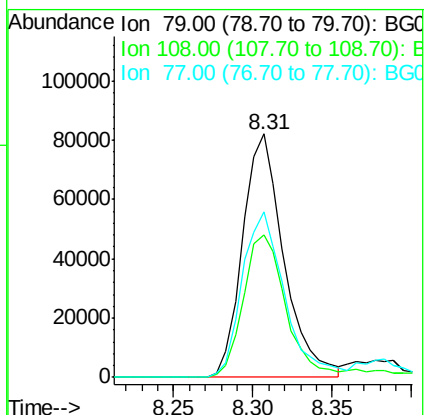
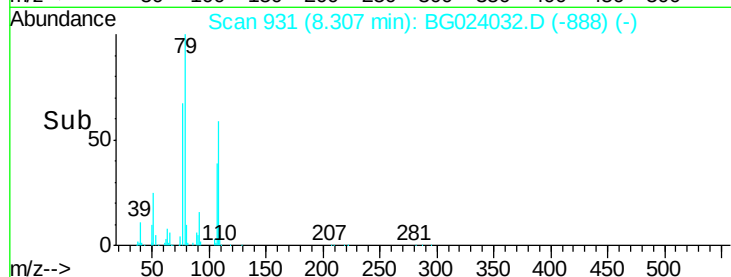
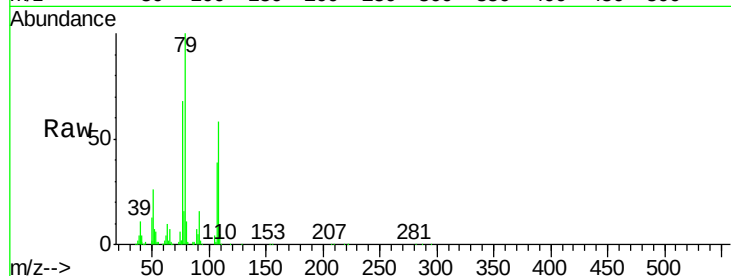
Tgt Ion: 79 Resp: 148133

Ion Ratio Lower Upper

79 100

108 58.4 46.5 69.7

77 67.8 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.19 ng

RT: 8.59 min Scan# 979

Delta R.T. -0.04 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

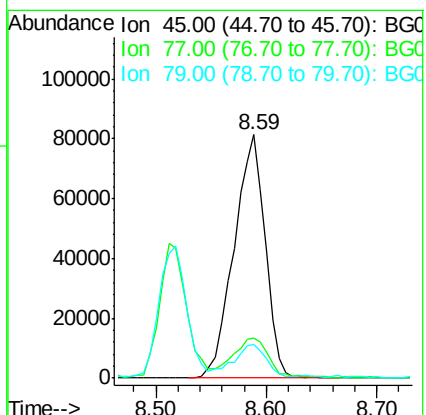
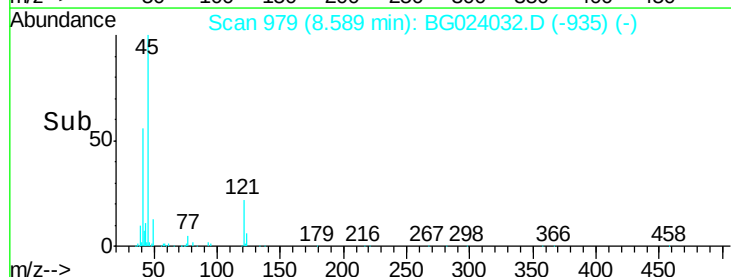
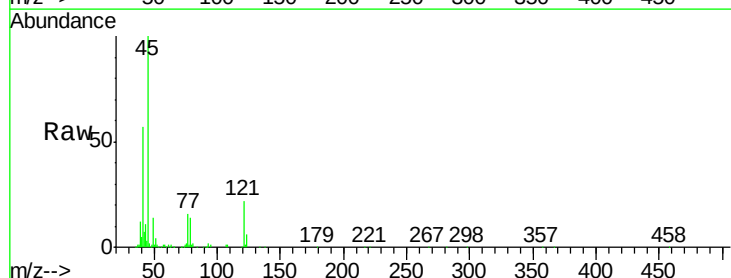
Tgt Ion: 45 Resp: 160910

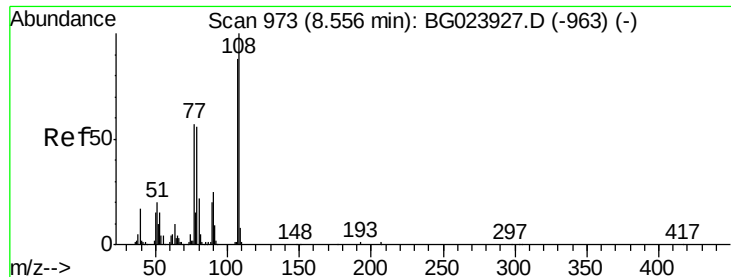
Ion Ratio Lower Upper

45 100

77 16.3 0.6 40.6

79 14.0 0.0 36.2

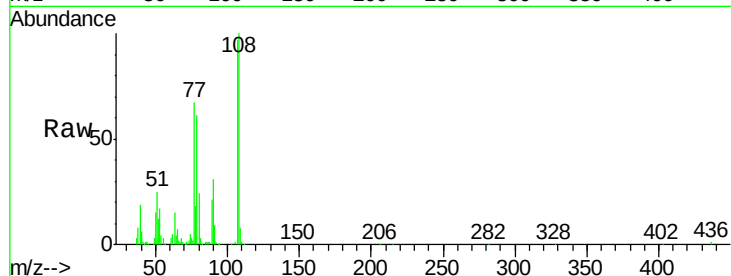




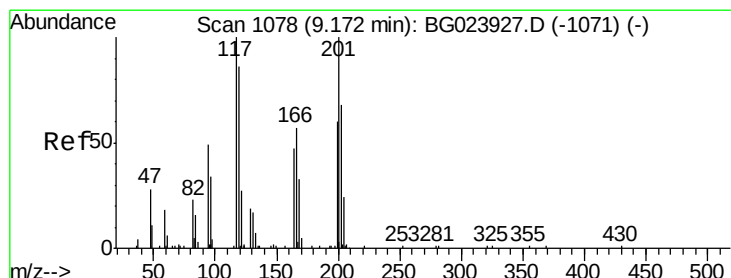
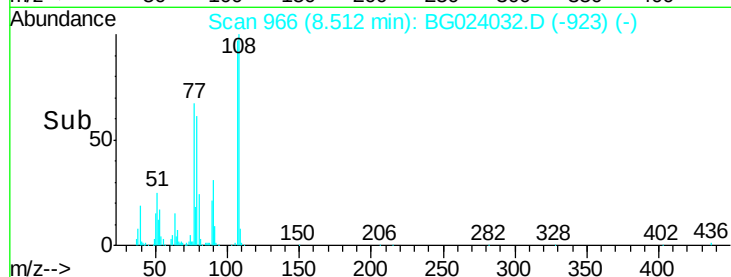
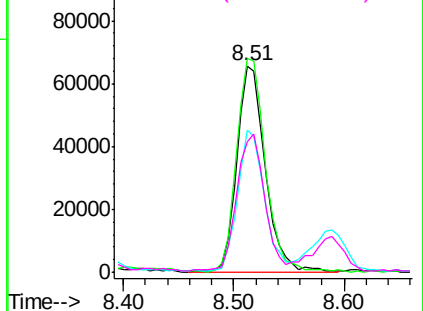
#17
 2-Methylphenol
 Concen: 42.53 ng
 RT: 8.51 min Scan# 966
 Delta R.T. -0.05 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-9MSD

Tgt Ion:	107	Resp:	117542
Ion	Ratio	Lower	Upper
107	100		
108	103.4	92.0	138.0
77	68.8	55.8	83.6
79	63.2	55.0	82.6

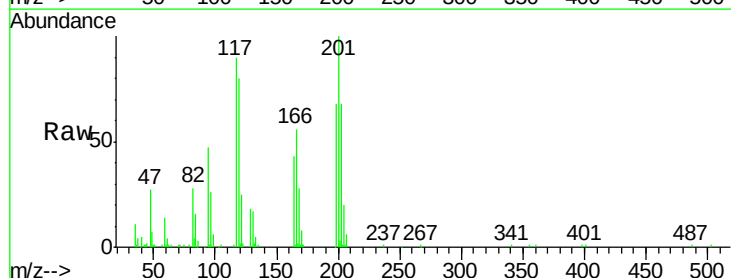


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

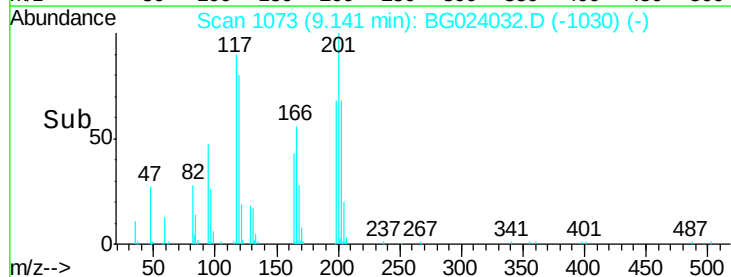
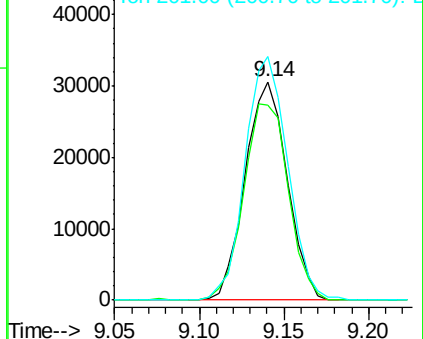


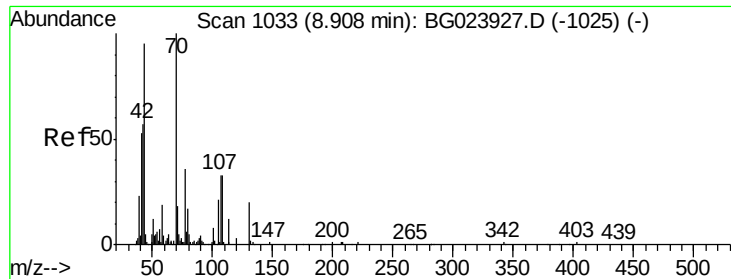
#18
 Hexachloroethane
 Concen: 37.69 ng
 RT: 9.14 min Scan# 1073
 Delta R.T. -0.05 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

Tgt Ion:	117	Resp:	52820
Ion	Ratio	Lower	Upper
117	100		
119	89.1	73.7	110.5
201	111.5	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

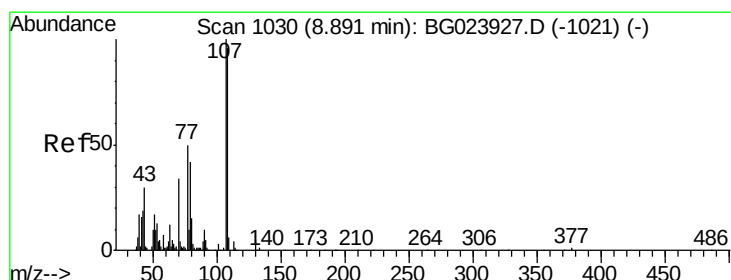
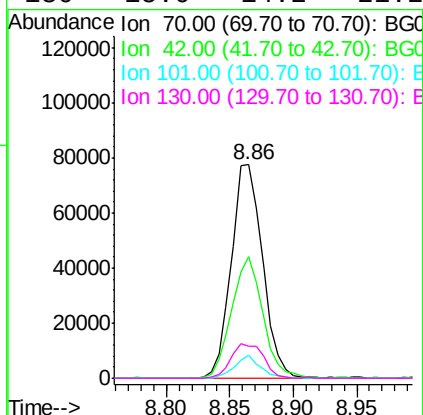
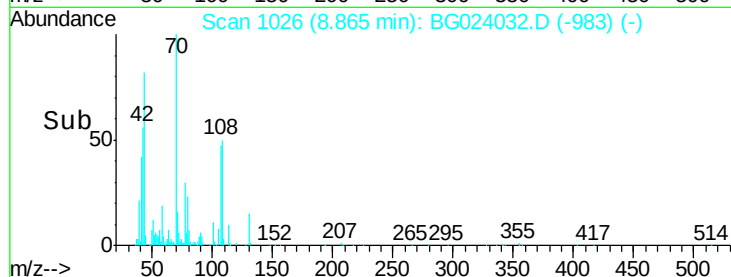
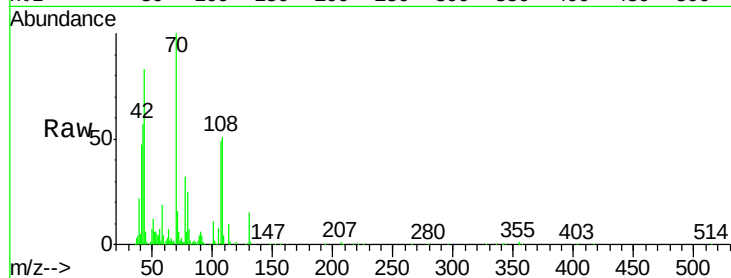




#19
n-Nitroso-di-n-propylamine
Concen: 38.51 ng
RT: 8.86 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

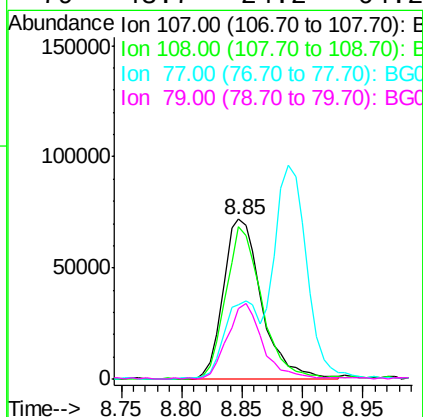
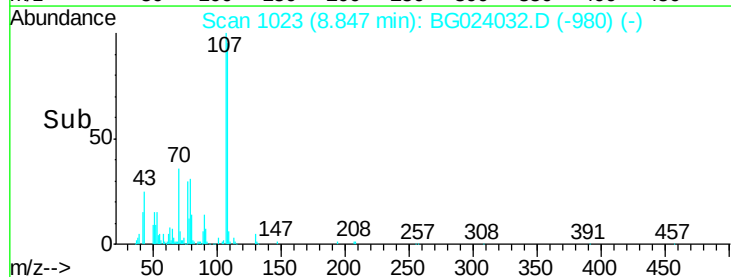
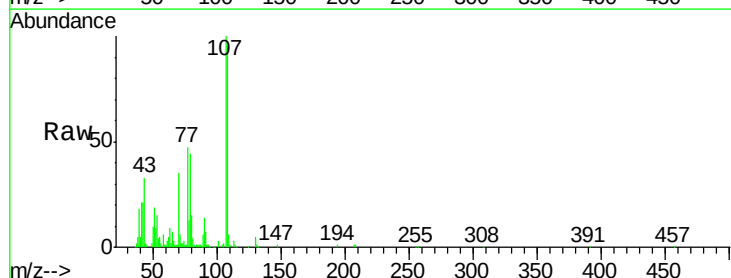
Instrument :
BNA_G
ClientSampleId :
YORK-MWP7-9MSD

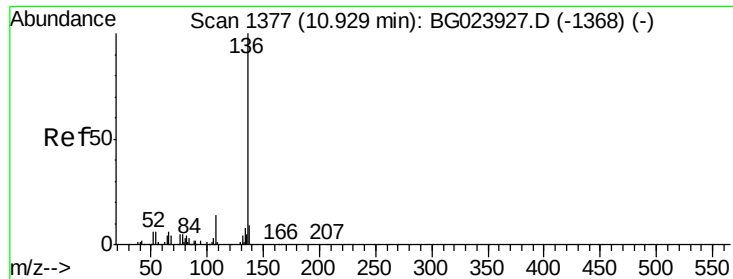
Tgt Ion: 70 Resp: 132675
Ion Ratio Lower Upper
70 100
42 56.7 42.1 63.1
101 11.0 7.2 10.8#
130 15.0 14.2 21.2



#20
3+4-Methylphenols
Concen: 41.05 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

Tgt Ion: 107 Resp: 158122
Ion Ratio Lower Upper
107 100
108 95.1 72.5 112.5
77 46.8 30.1 70.1
79 43.7 24.2 64.2

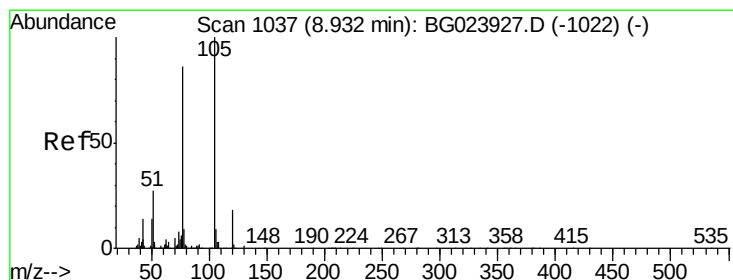
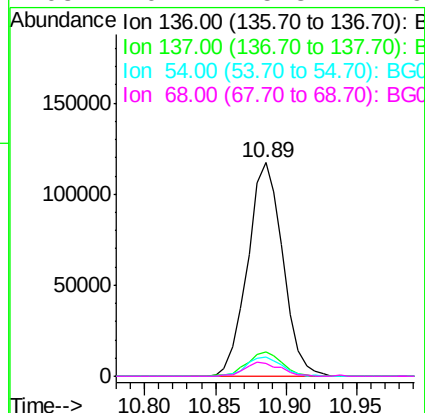
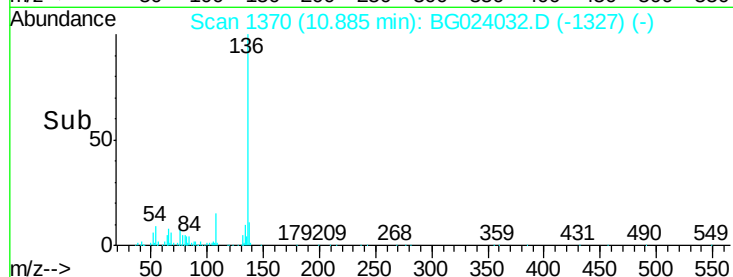
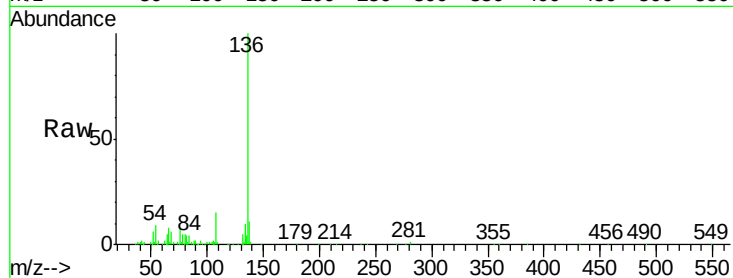




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.05 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

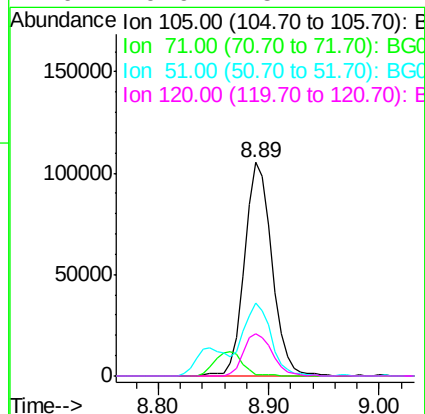
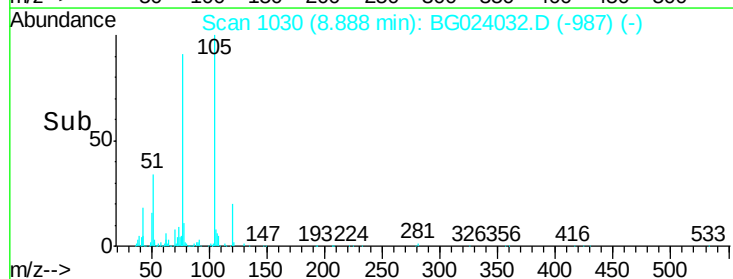
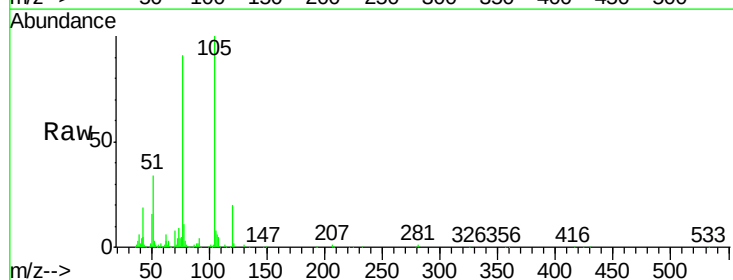
Instrument :
BNA_G
ClientSampleId :
YORK-MWP7-9MSD

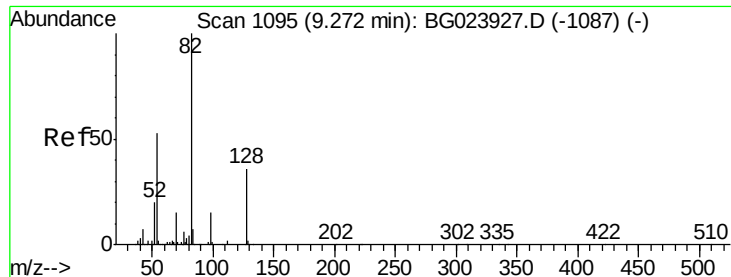
Tgt Ion:	136	Resp:	204531
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	9.0	7.3	10.9
68	6.1	5.3	7.9



#22
Acetophenone
Concen: 34.84 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

Tgt Ion:	105	Resp:	184464
Ion	Ratio	Lower	Upper
105	100		
71	0.9	2.6	3.8#
51	34.3	27.1	40.7
120	19.9	15.1	22.7

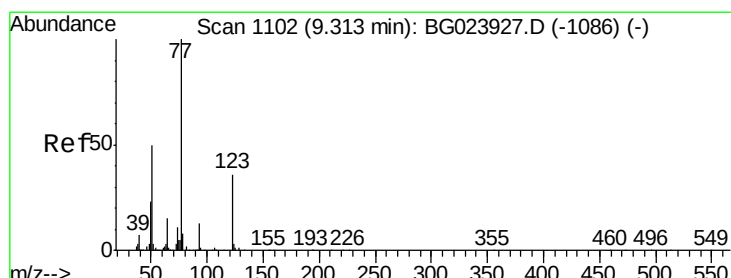
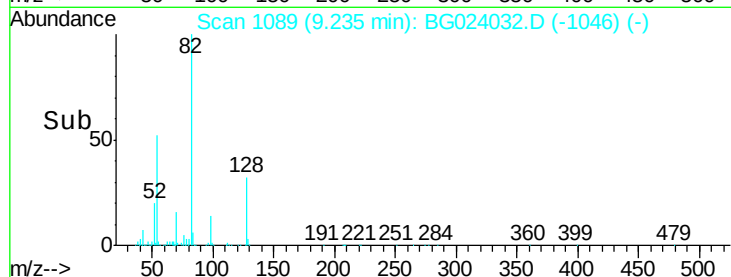
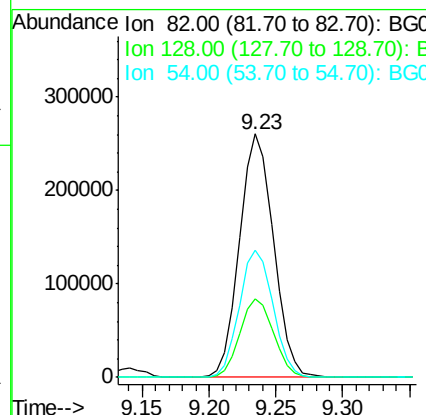
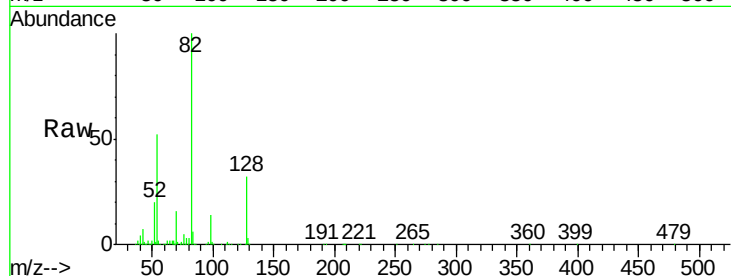




#23
Nitrobenzene-d5
Concen: 100.54 ng
RT: 9.23 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

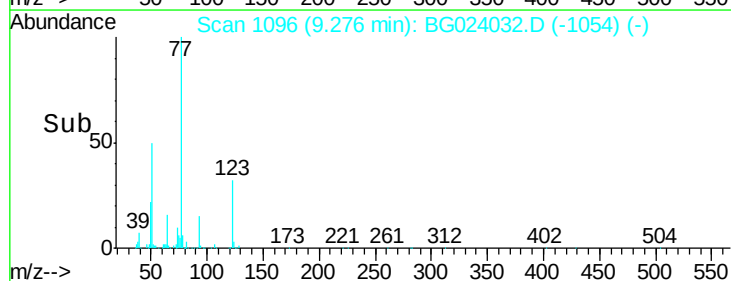
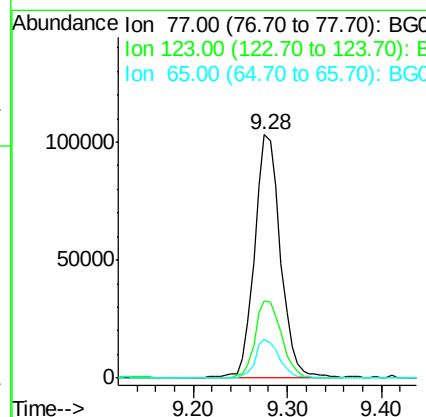
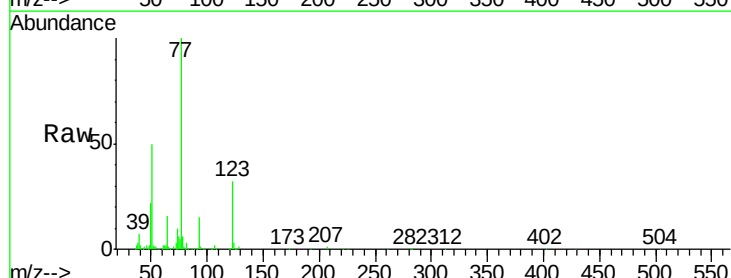
Instrument :
BNA_G
ClientSampleId :
YORK-MWP7-9MSD

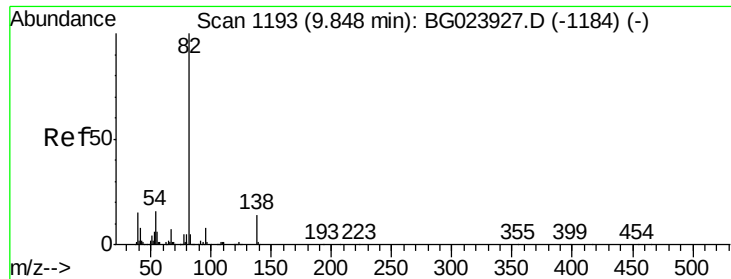
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.0	24.4	36.6
54	52.1	41.4	62.0



#24
Nitrobenzene
Concen: 40.08 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.06 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	31.6	25.0	37.6
65	16.0	13.4	20.0

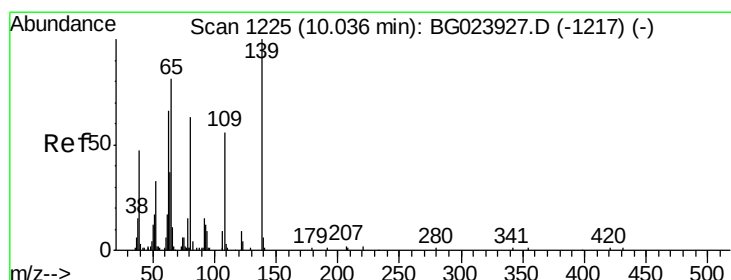
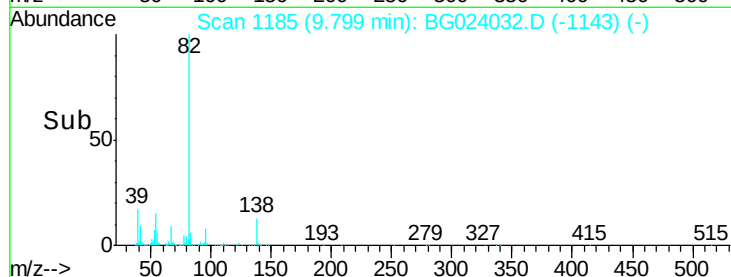
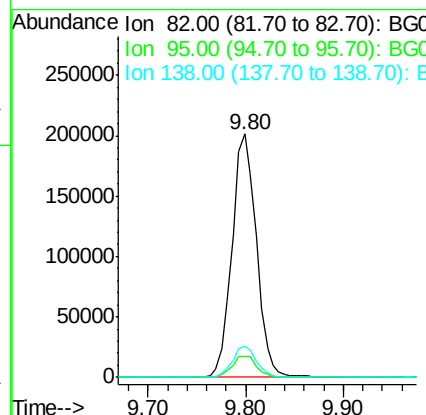
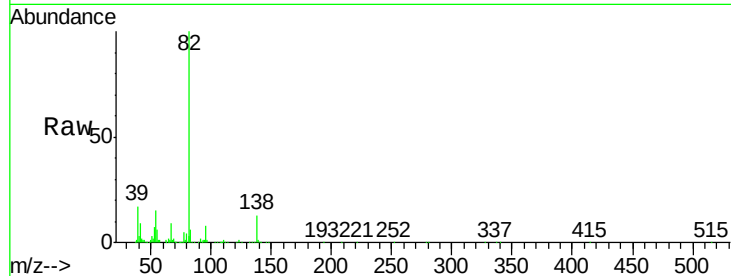




#25
Isophorone
Concen: 39.25 ng
RT: 9.80 min Scan# 1185
Delta R.T. -0.06 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

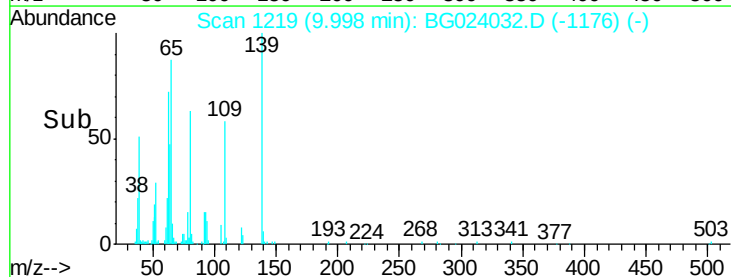
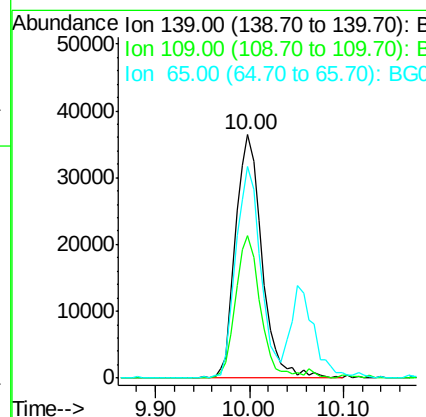
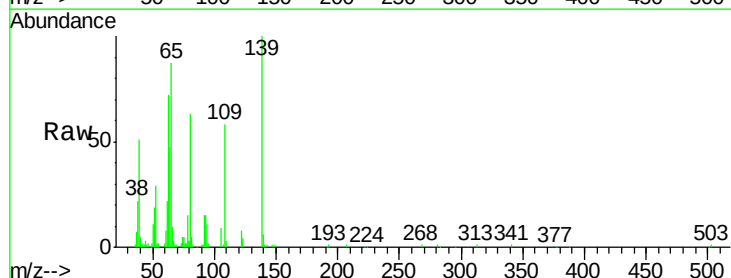
Instrument :
BNA_G
ClientSampleId :
YORK-MWP7-9MSD

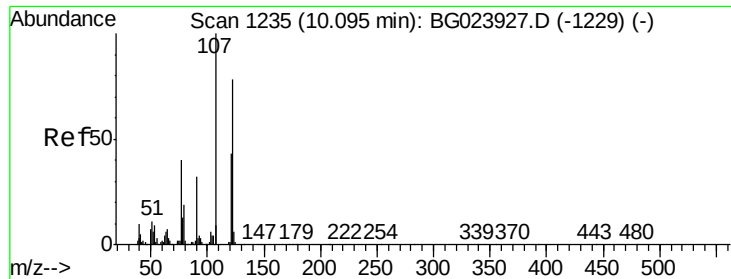
Tgt Ion: 82 Resp: 348672
Ion Ratio Lower Upper
82 100
95 8.4 8.2 12.2
138 12.9 10.7 16.1



#26
2-Nitrophenol
Concen: 37.96 ng
RT: 10.00 min Scan# 1219
Delta R.T. -0.05 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

Tgt Ion: 139 Resp: 71091
Ion Ratio Lower Upper
139 100
109 58.3 43.5 65.3
65 87.0 64.3 96.5

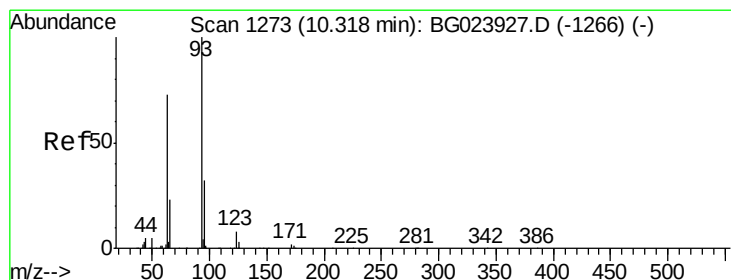
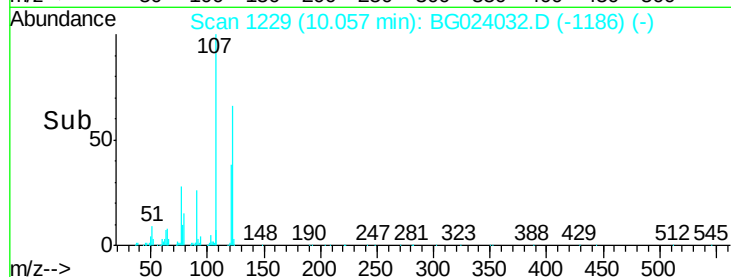
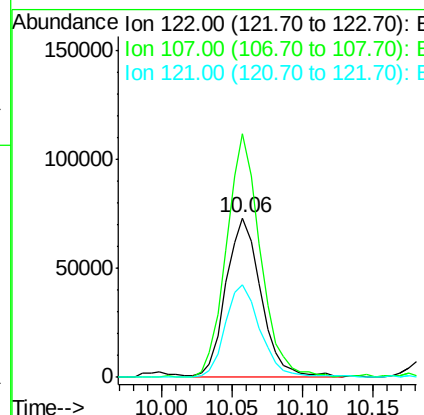
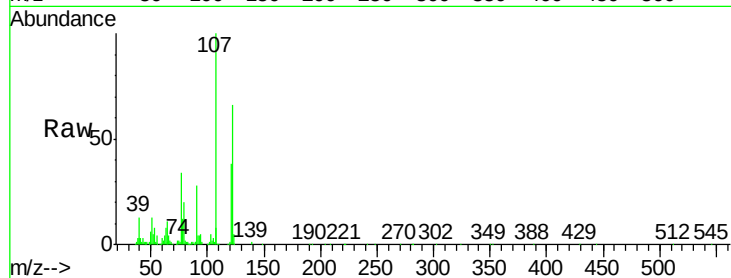




#27
2,4-Dimethylphenol
Concen: 39.28 ng
RT: 10.06 min Scan# 1229
Delta R.T. -0.05 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

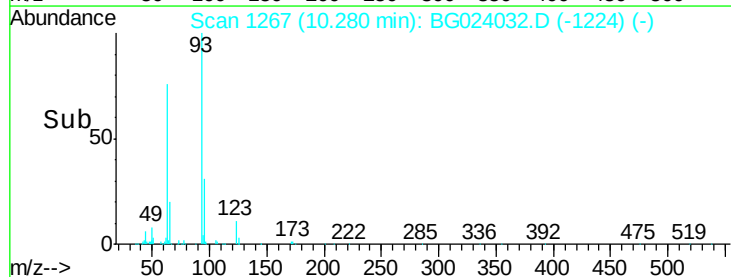
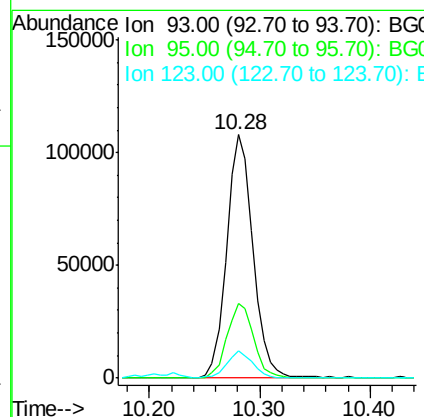
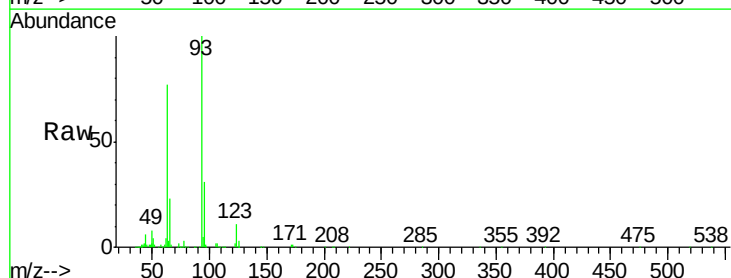
Instrument :
BNA_G
ClientSampleId :
YORK-MWP7-9MSD

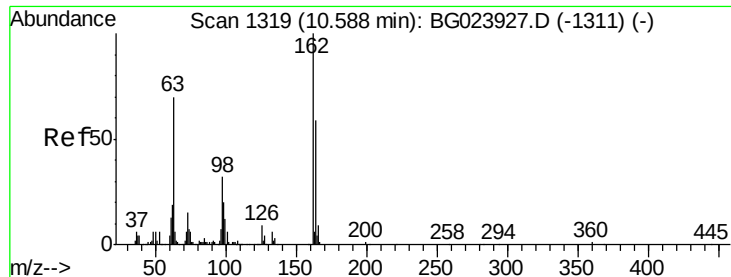
Tgt Ion	Ratio	Lower	Upper
122	100		
107	152.6	117.0	175.4
121	57.8	50.1	75.1



#28
bis(2-Chloroethoxy)methane
Concen: 40.16 ng
RT: 10.28 min Scan# 1267
Delta R.T. -0.05 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	25.4	38.2
123	11.4	8.2	12.2

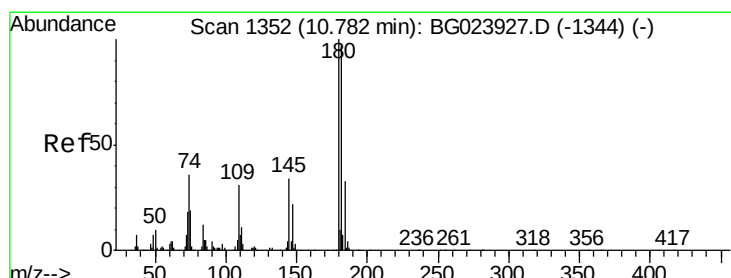
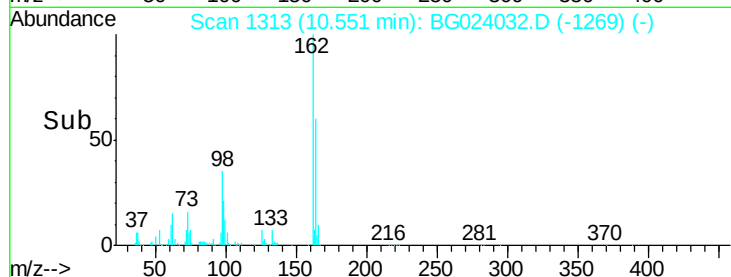
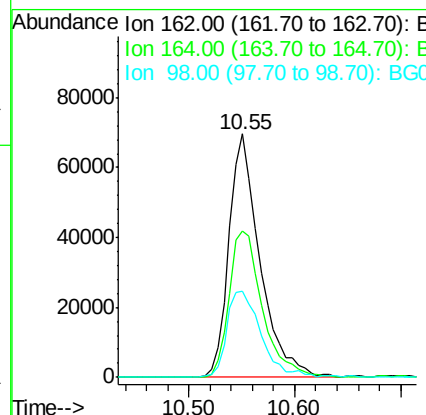
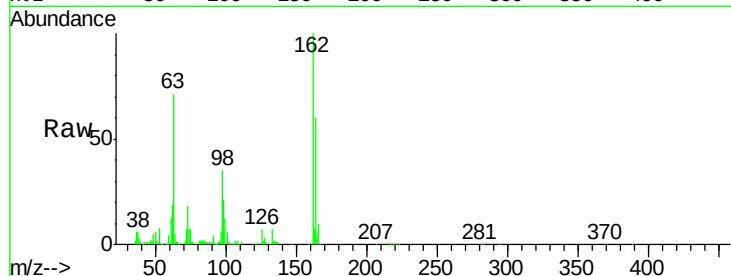




#29
 2,4-Dichlorophenol
 Concen: 41.95 ng
 RT: 10.55 min Scan# 1313
 Delta R.T. -0.04 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

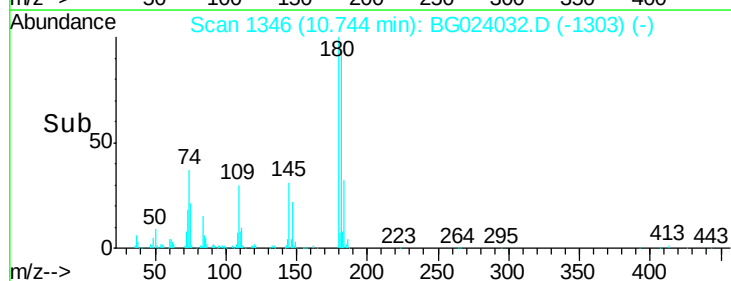
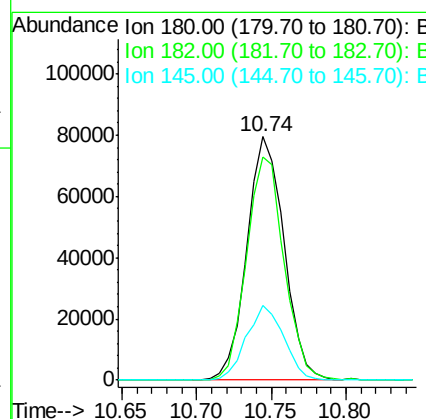
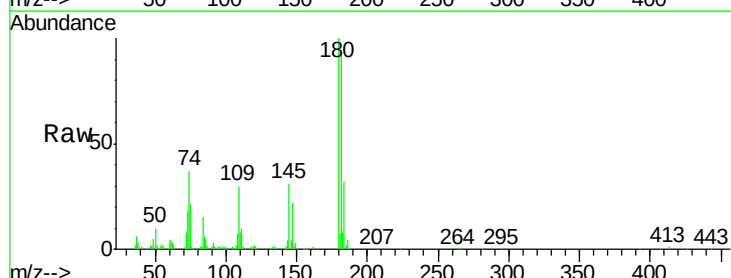
Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-9MSD

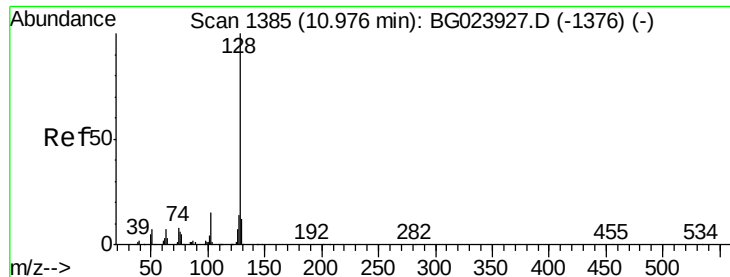
Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.2	44.3	84.3
98	35.2	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 37.00 ng
 RT: 10.74 min Scan# 1346
 Delta R.T. -0.05 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	73.8	110.8
145	30.8	24.4	36.6

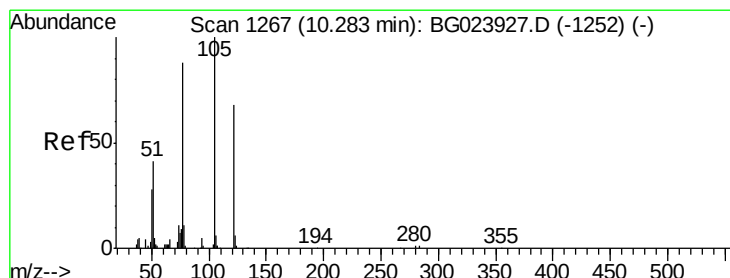
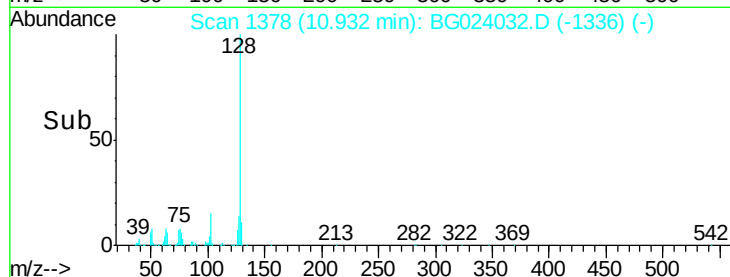
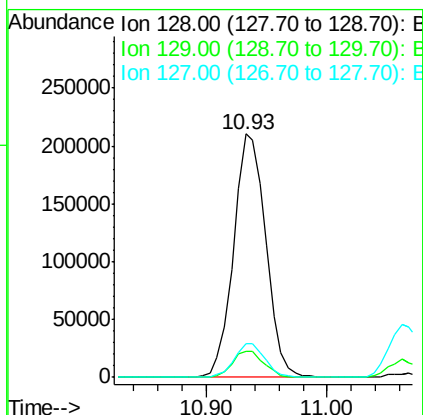
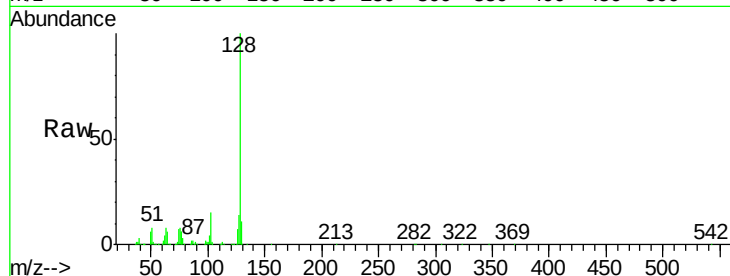




#31
Naphthalene
Concen: 37.06 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.06 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

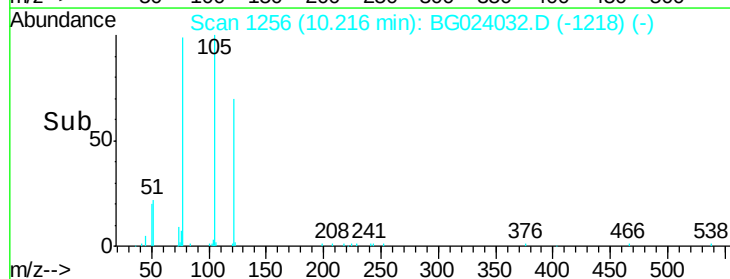
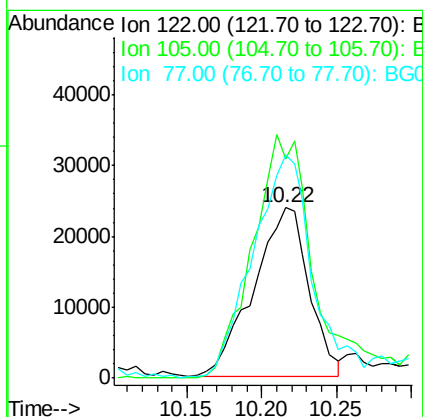
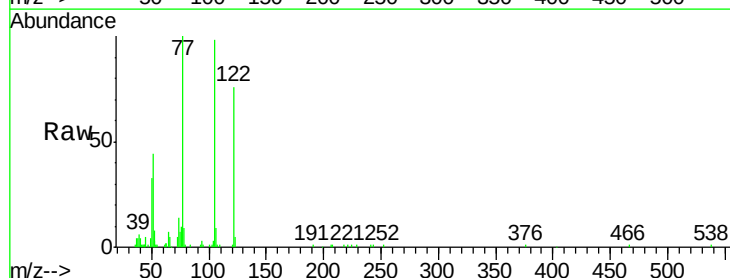
Instrument :
BNA_G
ClientSampleId :
YORK-MWP7-9MSD

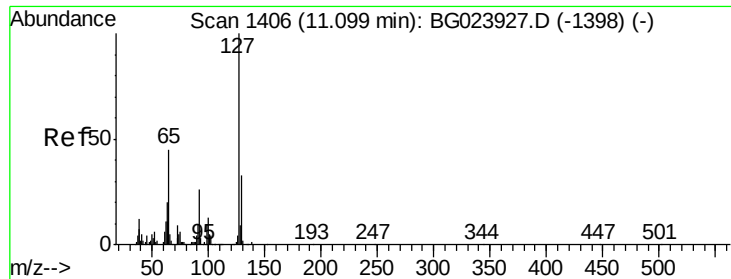
Tgt Ion:	128	Resp:	390607
Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.0
127	13.9	11.3	16.9



#32
Benzoic acid
Concen: 23.73 ng
RT: 10.22 min Scan# 1256
Delta R.T. -0.08 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

Tgt Ion:	122	Resp:	61347
Ion	Ratio	Lower	Upper
122	100		
105	128.8	117.2	157.2
77	130.8	109.2	149.2

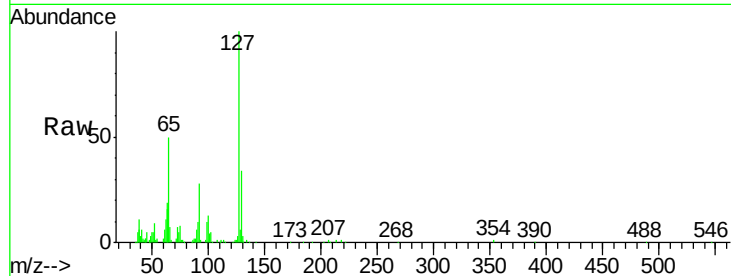




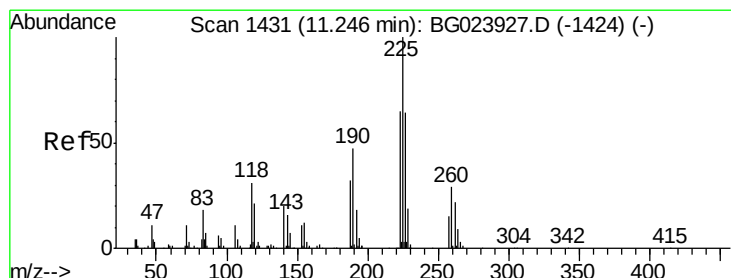
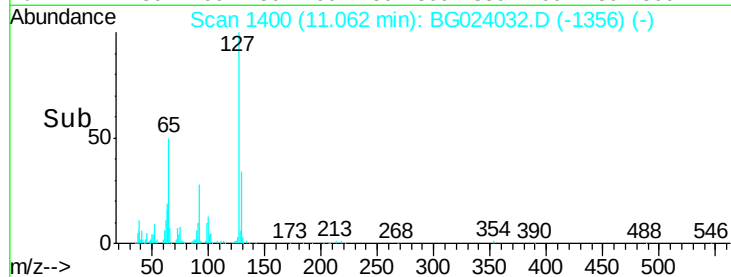
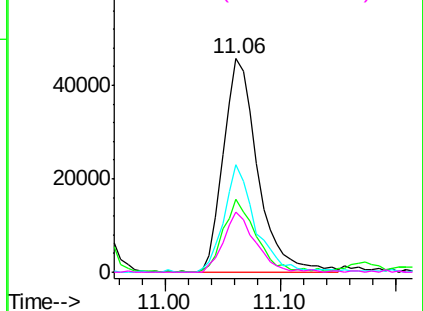
#33
4-Chloroaniline
Concen: 21.47 ng
RT: 11.06 min Scan# 1400
Delta R.T. -0.04 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

Instrument :
BNA_G
ClientSampleId :
YORK-MWP7-9MSD

Tgt Ion:	127	Resp:	94466
Ion	Ratio	Lower	Upper
127	100		
129	34.1	27.9	41.9
65	50.1	36.8	55.2
92	28.3	21.0	31.6

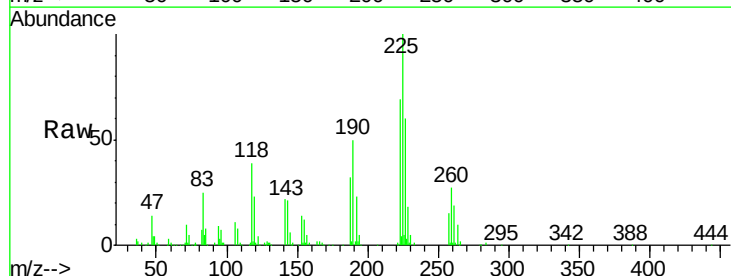


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

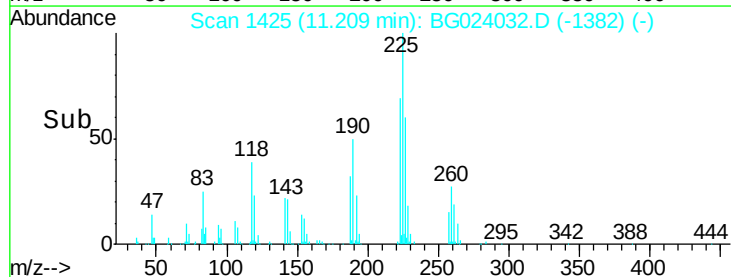
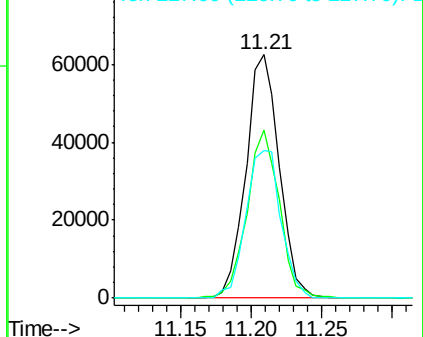


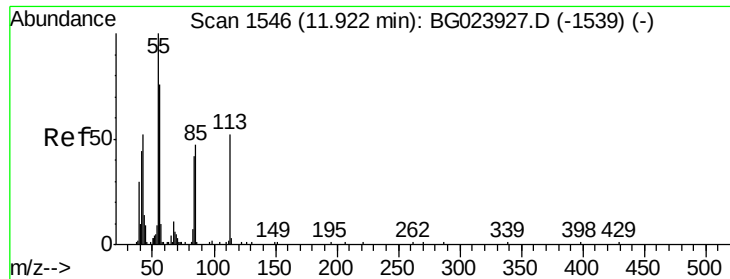
#34
Hexachlorobutadiene
Concen: 37.27 ng
RT: 11.21 min Scan# 1425
Delta R.T. -0.05 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

Tgt Ion:	225	Resp:	103533
Ion	Ratio	Lower	Upper
225	100		
223	69.3	49.6	74.4
227	60.5	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: 22.84 ng

RT: 11.85 min Scan# 1534

Delta R.T. -0.07 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9MSD

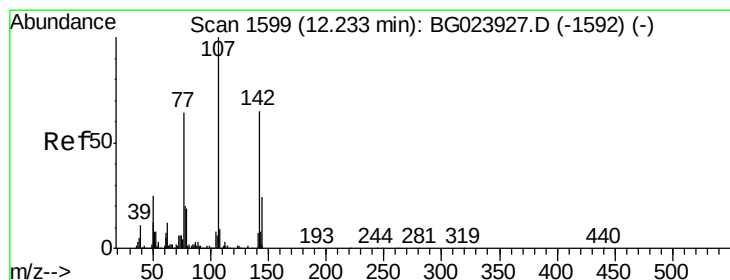
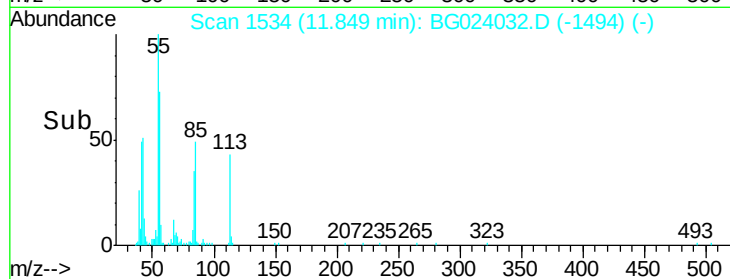
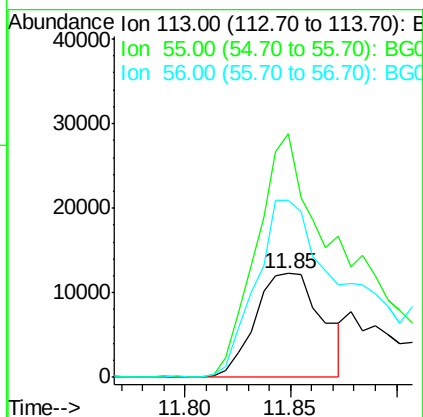
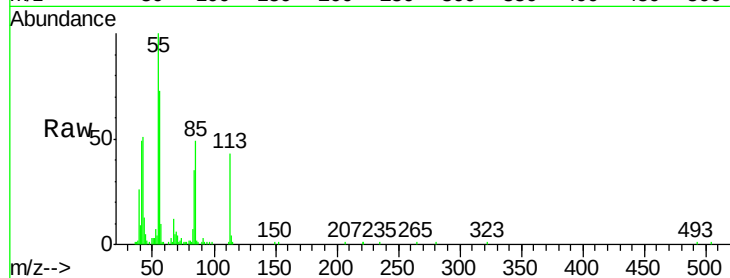
Tgt Ion:113 Resp: 27149

Ion Ratio Lower Upper

113 100

55 234.4 154.5 194.5#

56 171.0 125.1 165.1#



#36

4-Chloro-3-methylphenol

Concen: 39.85 ng

RT: 12.20 min Scan# 1593

Delta R.T. -0.04 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

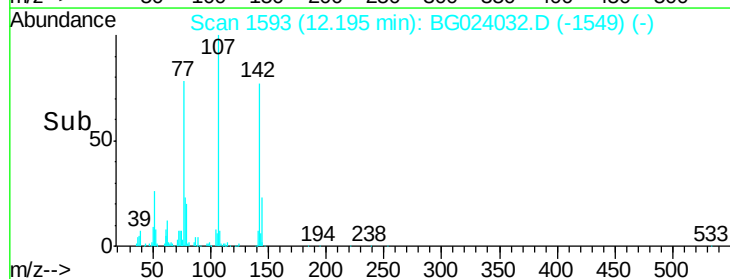
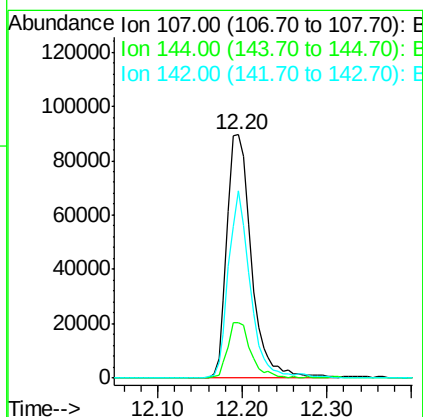
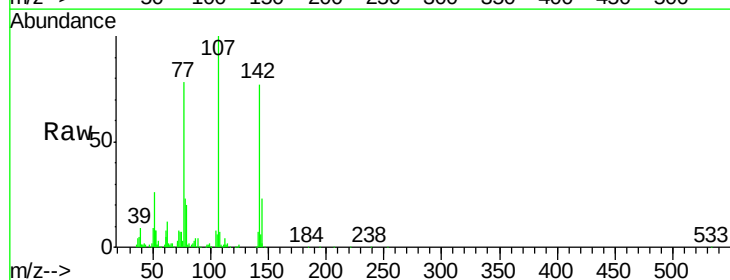
Tgt Ion:107 Resp: 179590

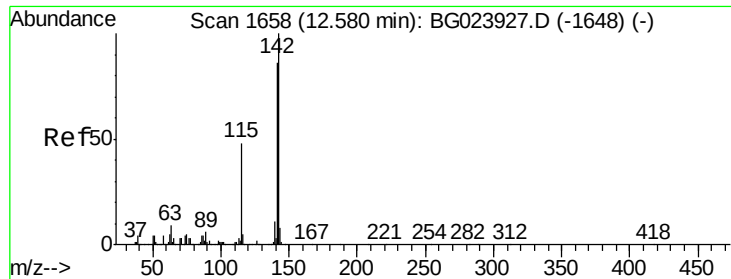
Ion Ratio Lower Upper

107 100

144 22.9 17.0 25.6

142 76.8 53.0 79.6

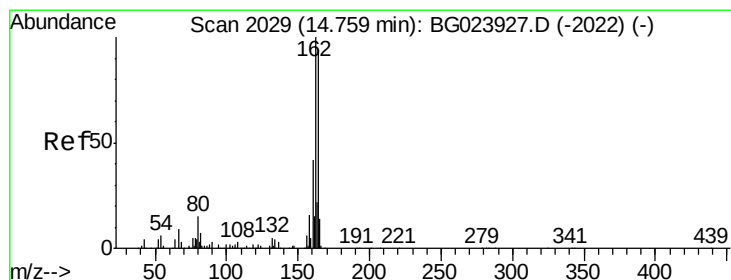
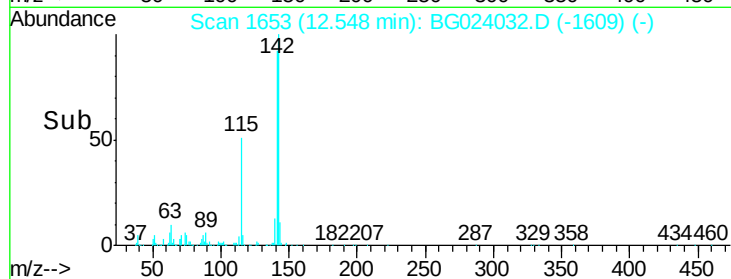
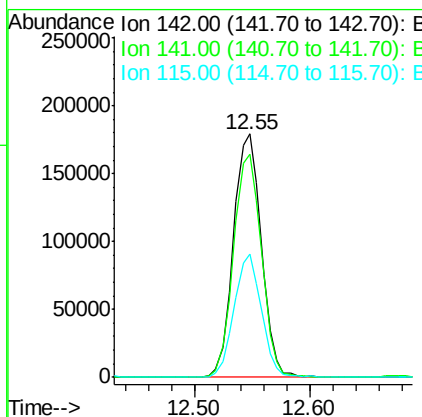
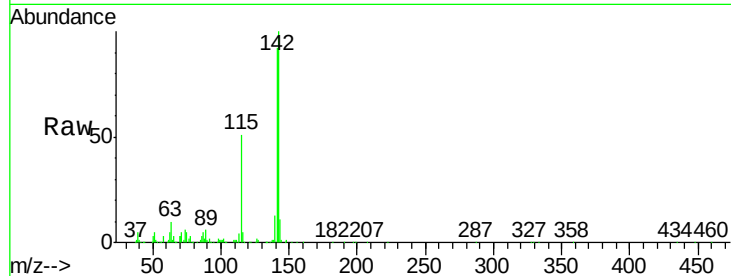




#37
 2-Methylnaphthalene
 Concen: 37.21 ng
 RT: 12.55 min Scan# 1653
 Delta R.T. -0.04 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

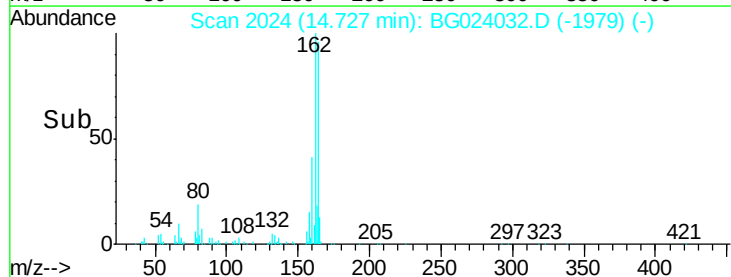
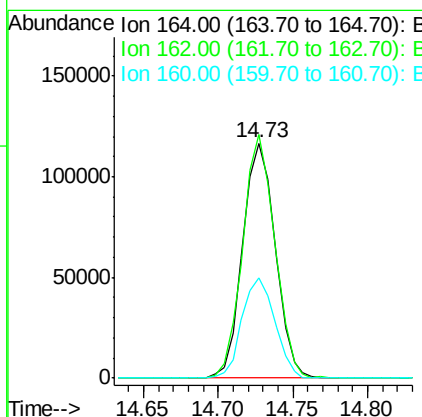
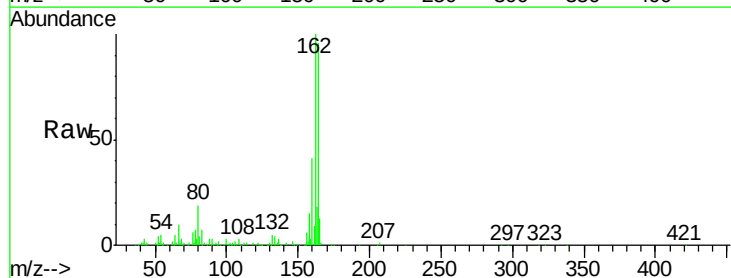
Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-9MSD

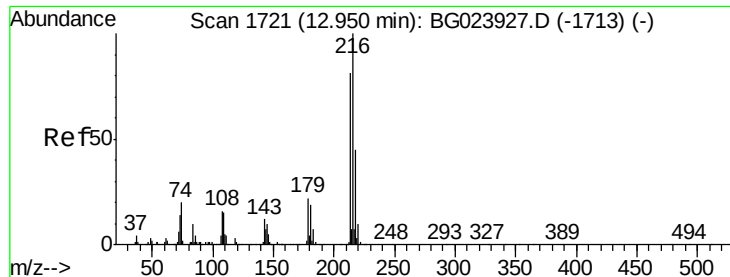
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.2	105.2
115	50.5	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.04 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	87.7	131.5
160	42.7	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.70 ng

RT: 12.92 min Scan# 1716

Delta R.T. -0.04 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9MSD

Tgt Ion:216 Resp: 167925

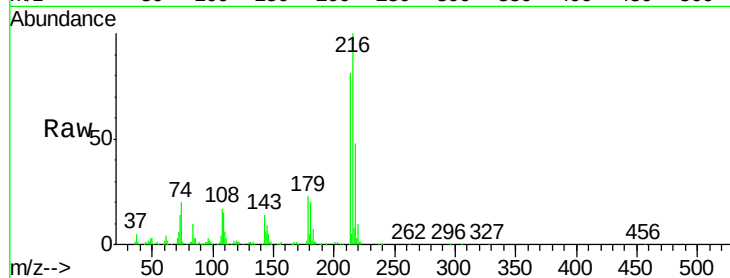
Ion Ratio Lower Upper

216 100

214 78.9 62.9 94.3

179 22.2 17.2 25.8

108 23.2 16.3 24.5

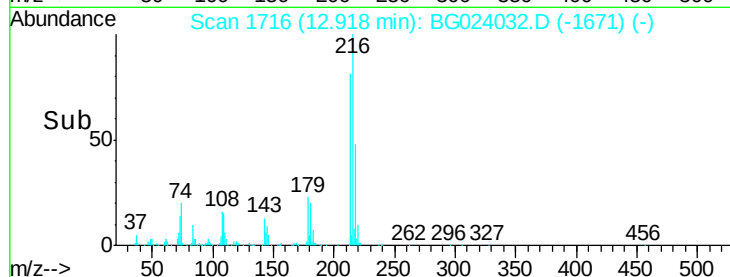


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

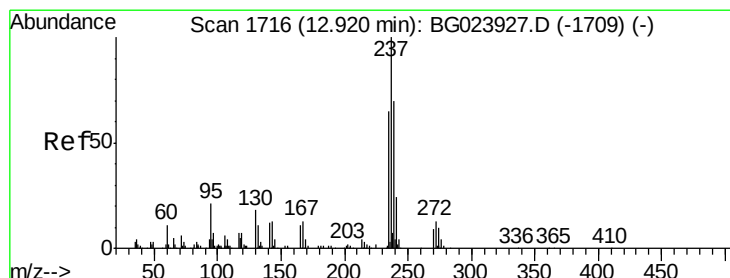
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->

12.92



#40

Hexachlorocyclopentadiene

Concen: 58.38 ng

RT: 12.88 min Scan# 1710

Delta R.T. -0.04 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

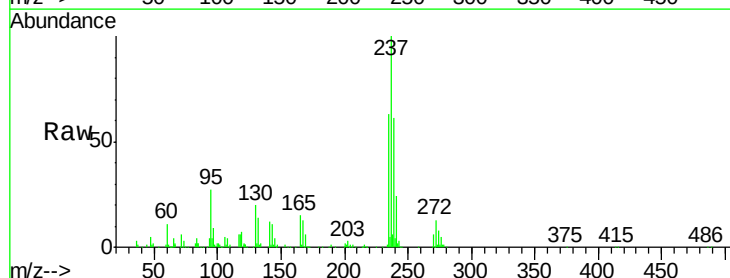
Tgt Ion:237 Resp: 198406

Ion Ratio Lower Upper

237 100

235 62.9 43.1 83.1

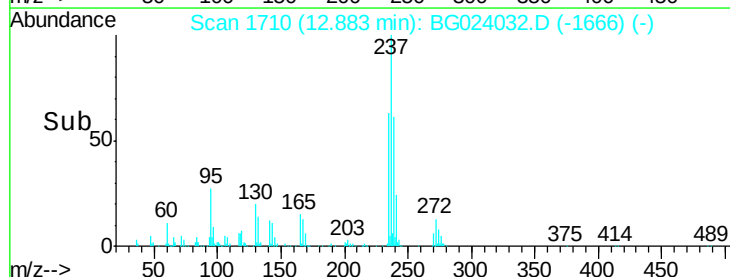
272 13.3 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

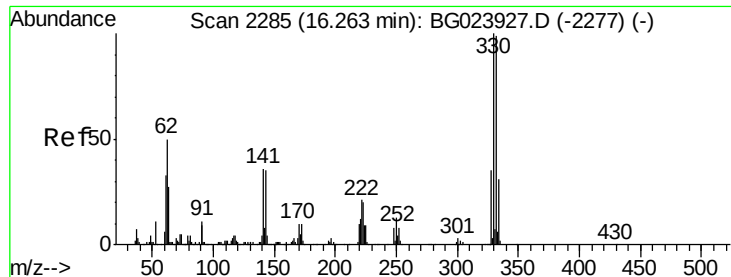
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

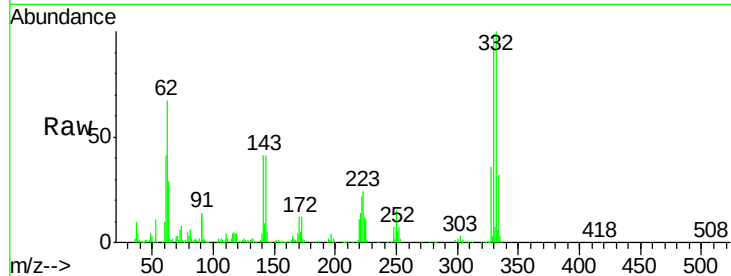
12.88



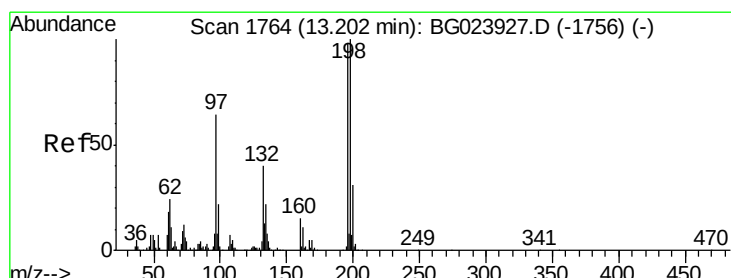
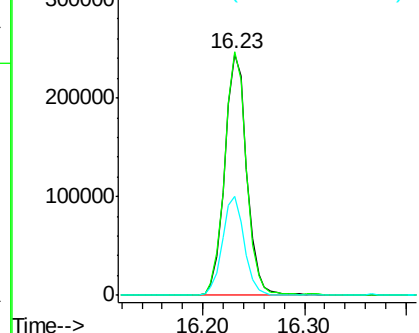
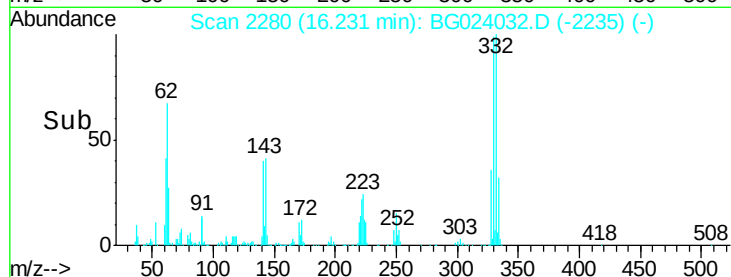
#41
 2,4,6-Tribromophenol
 Concen: 116.28 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.04 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-9MSD

Tgt Ion:330 Resp: 369274
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.4 116.2
 141 40.6 31.7 47.5

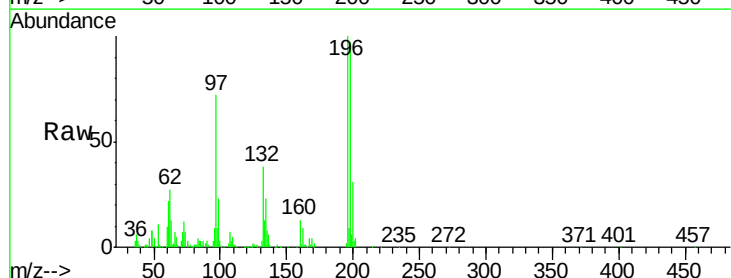


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

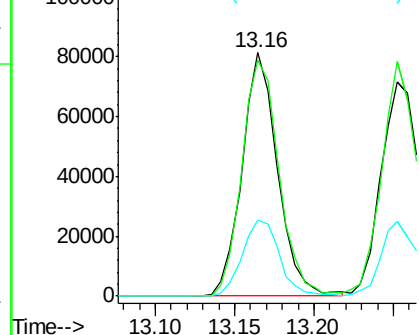
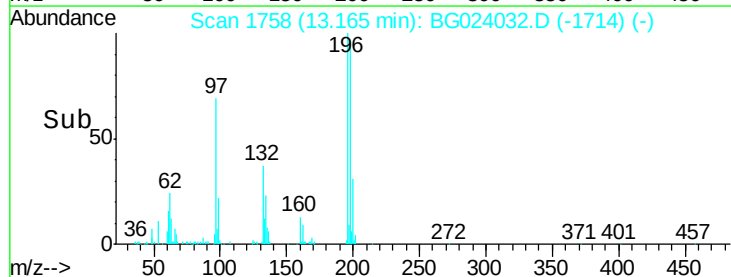


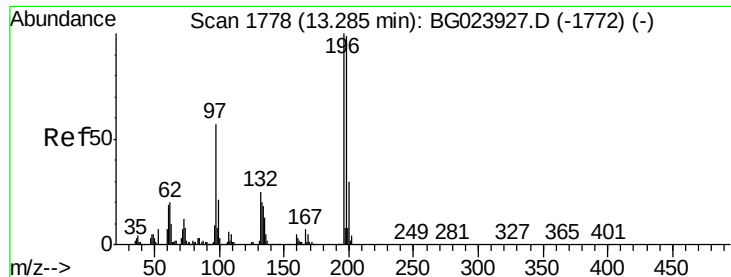
#42
 2,4,6-Trichlorophenol
 Concen: 32.44 ng
 RT: 13.16 min Scan# 1758
 Delta R.T. -0.04 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

Tgt Ion:196 Resp: 126644
 Ion Ratio Lower Upper
 196 100
 198 97.1 78.2 117.2
 200 31.4 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

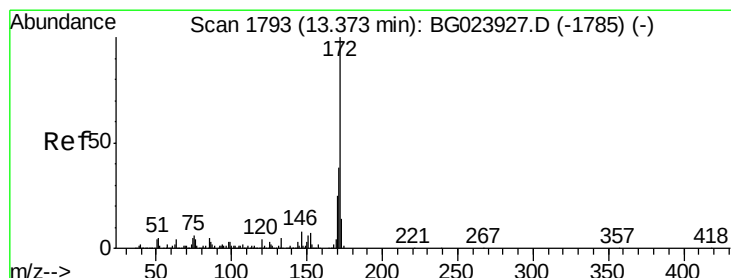
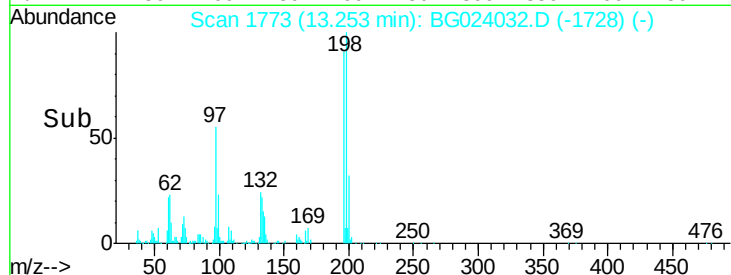
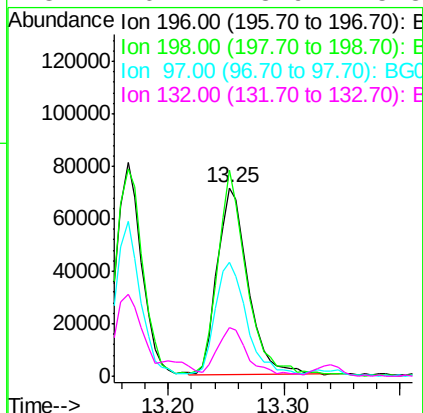
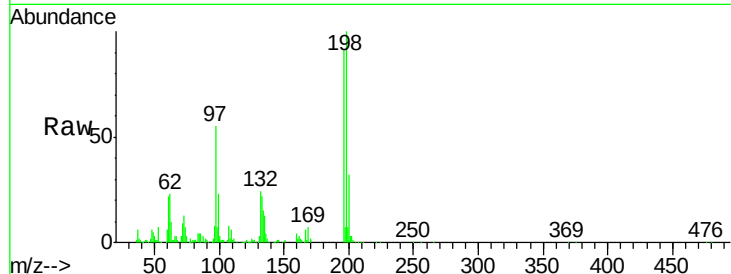




#43
 2,4,5-Trichlorophenol
 Concen: 33.36 ng
 RT: 13.25 min Scan# 1773
 Delta R.T. -0.04 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

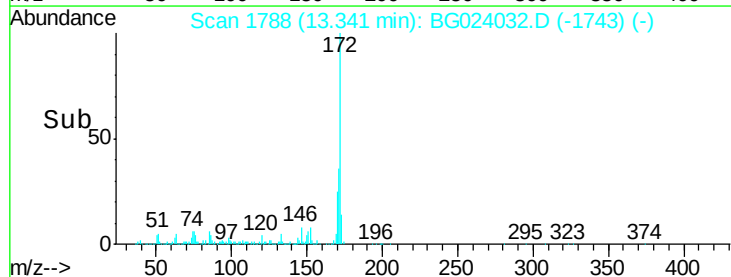
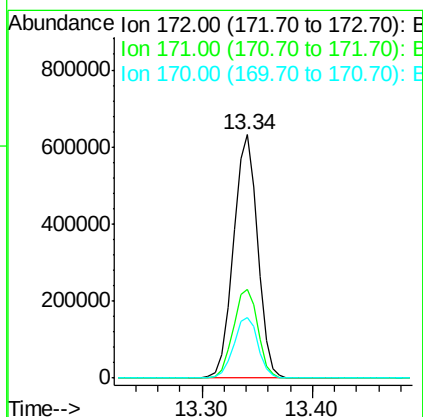
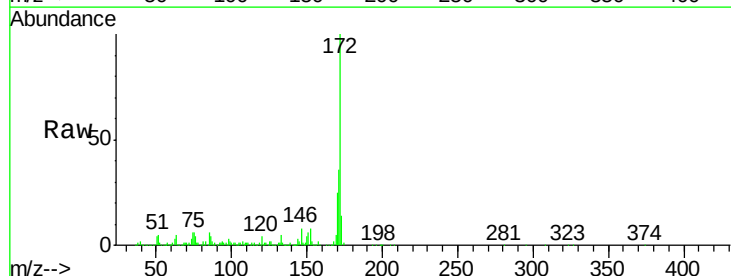
Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-9MSD

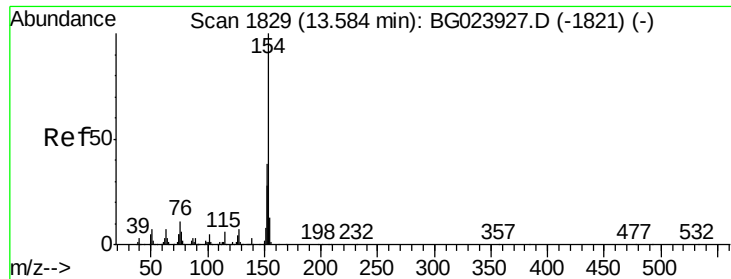
Tgt Ion:	196	Resp:	131652
Ion	Ratio	Lower	Upper
196	100		
198	109.5	85.7	128.5
97	60.3	45.5	68.3
132	26.1	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 78.94 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.04 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

Tgt Ion:	172	Resp:	970482
Ion	Ratio	Lower	Upper
172	100		
171	36.3	31.6	47.4
170	25.1	21.3	31.9

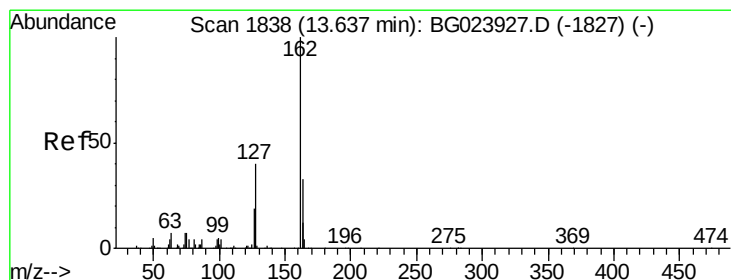
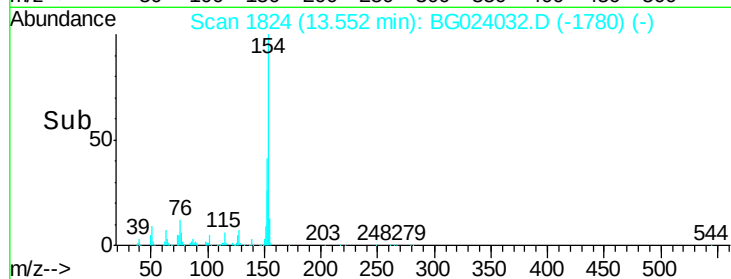
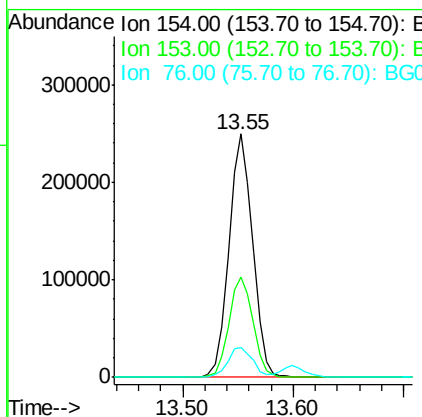
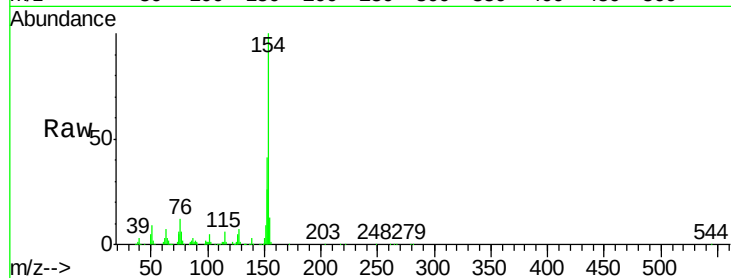




#45
 1,1'-Biphenyl
 Concen: 26.38 ng
 RT: 13.55 min Scan# 1824
 Delta R.T. -0.04 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

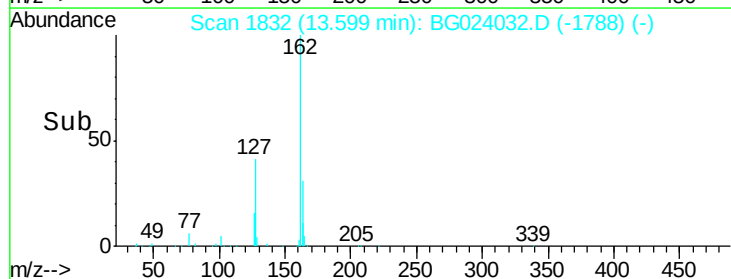
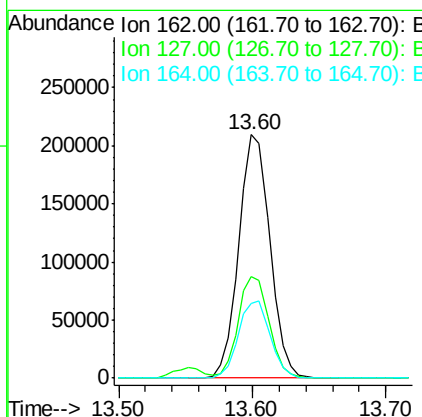
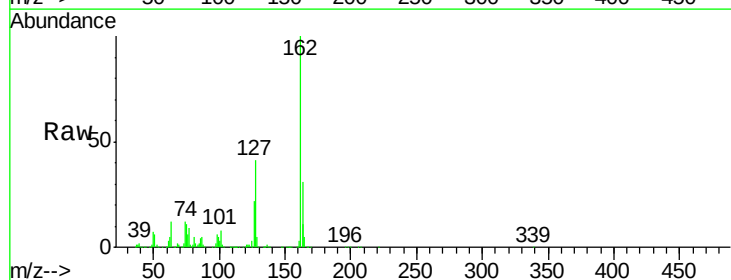
Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-9MSD

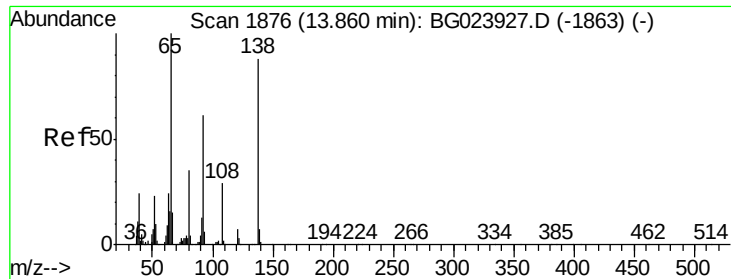
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.2	60.2
76	12.2	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 32.49 ng
 RT: 13.60 min Scan# 1832
 Delta R.T. -0.04 min
 Lab File: BG024032.D
 Acq: 20 Sep 2016 00:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.4	48.6
164	30.6	25.2	37.8

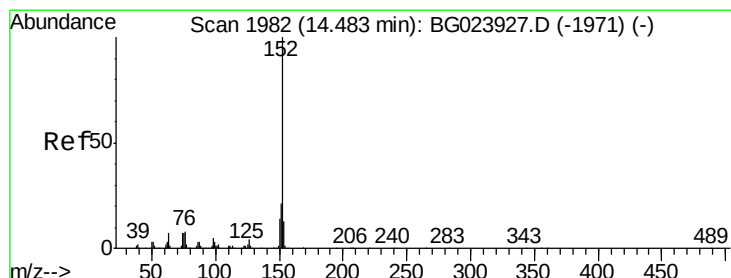
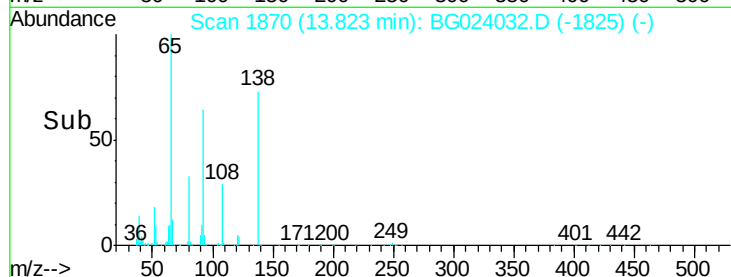
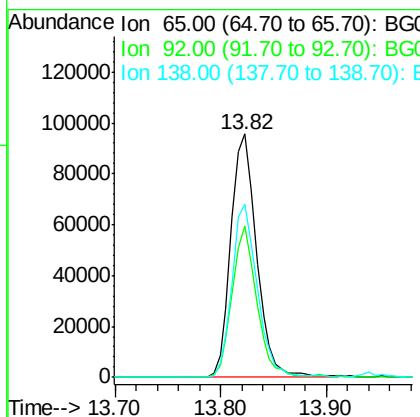
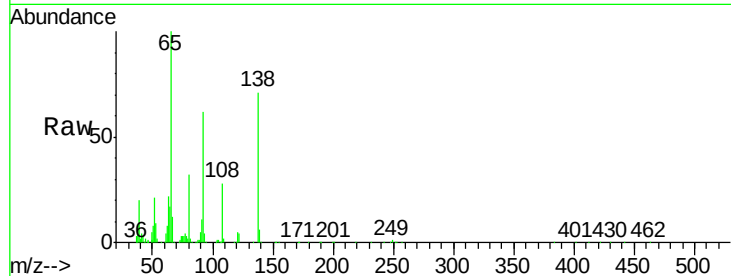




#47
2-Nitroaniline
Concen: 39.36 ng
RT: 13.82 min Scan# 1870
Delta R.T. -0.04 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

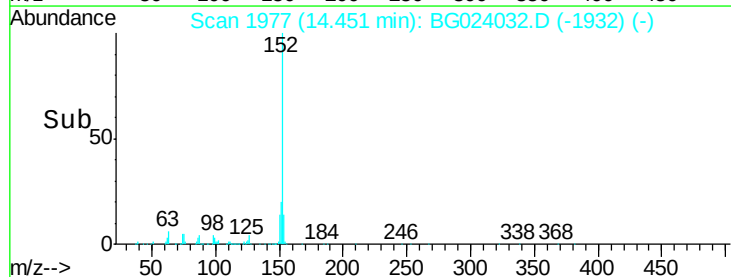
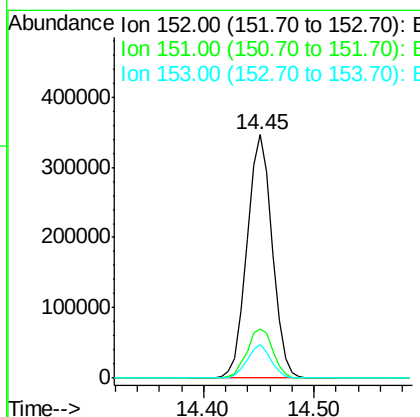
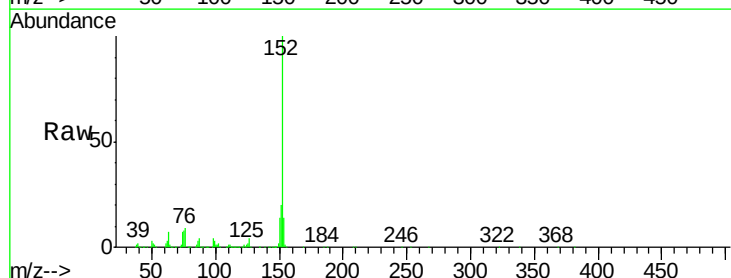
Instrument :
BNA_G
ClientSampleId :
YORK-MWP7-9MSD

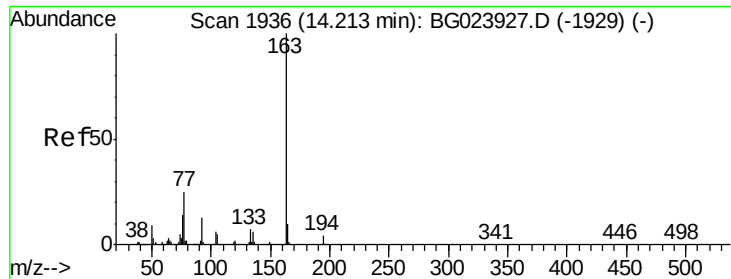
Tgt Ion: 65 Resp: 161362
Ion Ratio Lower Upper
65 100
92 62.1 49.4 74.0
138 71.1 58.0 87.0



#48
Acenaphthylene
Concen: 31.96 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.04 min
Lab File: BG024032.D
Acq: 20 Sep 2016 00:00

Tgt Ion: 152 Resp: 554560
Ion Ratio Lower Upper
152 100
151 20.1 17.6 26.4
153 14.0 11.4 17.2





#49

Dimethylphthalate

Concen: 33.96 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.04 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9MSD

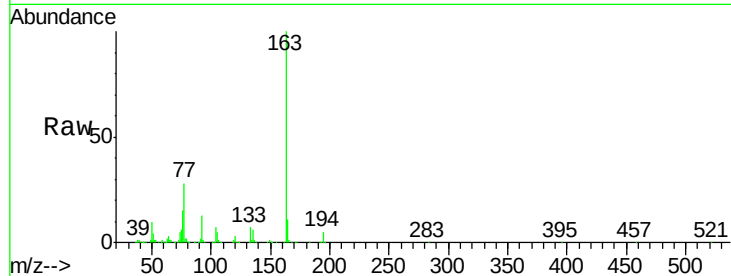
Tgt Ion:163 Resp: 513265

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

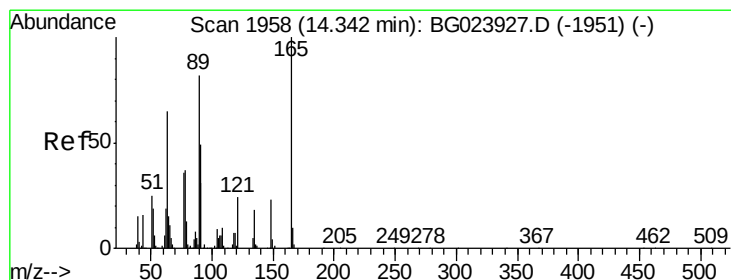
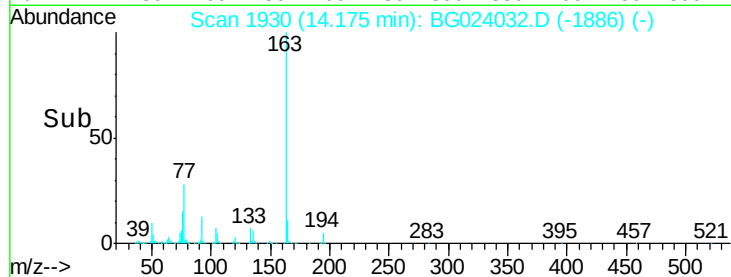
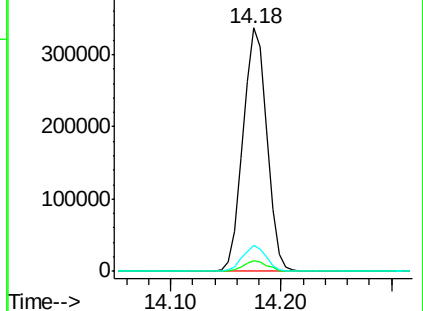
164 10.7 8.1 12.1



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: 33.75 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BG024032.D

Acq: 20 Sep 2016 00:00

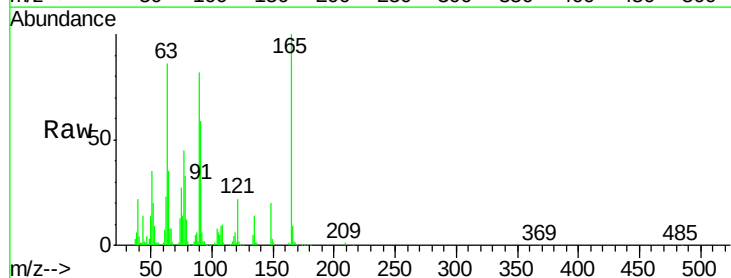
Tgt Ion:165 Resp: 107695

Ion Ratio Lower Upper

165 100

63 85.9 64.3 96.5

89 81.8 64.3 96.5



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

