

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024121.D
 Acq On : 24 Sep 2016 12:39
 Operator : UM/SJ
 Sample : H4902-06MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Quant Time: Sep 26 00:50:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50686	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	240504	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	199156	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	419093	20.00	ng	0.00
75) Chrysene-d12	21.79	240	416538	20.00	ng	0.00
86) Perylene-d12	25.13	264	412052	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	278145	95.07	ng	0.00
7) Phenol-d6	7.21	99	292496	59.42	ng	0.00
23) Nitrobenzene-d5	9.22	82	627863	102.89	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	416932	145.64	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	1227902	103.64	ng	0.00
78) Terphenyl-d14	20.09	244	1767904	86.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	25878	23.11	ng	93
3) Pyridine	3.85	79	68207	17.24	ng	95
4) n-Nitrosodimethylamine	3.77	42	44994	22.43	ng	# 89
6) Aniline	7.36	93	184697	26.71	ng	95
8) 2-Chlorophenol	7.60	128	164220	46.89	ng	95
9) Benzaldehyde	7.17	77	169637	63.28	ng	94
10) Phenol	7.24	94	105164	20.32	ng	90
11) bis(2-Chloroethyl)ether	7.45	93	204524	50.11	ng	90
12) 1,3-Dichlorobenzene	7.93	146	171155	43.82	ng	99
13) 1,4-Dichlorobenzene	8.07	146	179161	44.95	ng	95
14) 1,2-Dichlorobenzene	8.40	146	175383	45.21	ng	90
15) Benzyl Alcohol	8.29	79	173058	36.32	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	274689	48.75	ng	95
17) 2-Methylphenol	8.50	107	144714	42.06	ng	94
18) Hexachloroethane	9.12	117	72112	42.94	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	239629	49.56	ng	# 96
20) 3+4-Methylphenols	8.84	107	186758	37.37	ng	94
22) Acetophenone	8.88	105	363901	52.45	ng	# 95
24) Nitrobenzene	9.26	77	344904	52.73	ng	93
25) Isophorone	9.78	82	623863	50.12	ng	97
26) 2-Nitrophenol	9.98	139	119273	51.41	ng	94
27) 2,4-Dimethylphenol	10.05	122	195300	50.34	ng	88
28) bis(2-Chloroethoxy)methane	10.27	93	332709	54.97	ng	97
29) 2,4-Dichlorophenol	10.53	162	223091	55.25	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	211805	49.01	ng	97
31) Naphthalene	10.92	128	628800	51.61	ng	98
32) Benzoic acid	10.20	122	41432	16.42	ng	94
33) 4-Chloroaniline	11.04	127	108033	19.87	ng	# 91
34) Hexachlorobutadiene	11.19	225	146929	43.18	ng	96
35) Caprolactam	11.84	113	7630	4.65	ng	# 77
36) 4-Chloro-3-methylphenol	12.18	107	272067	47.88	ng	97
37) 2-Methylnaphthalene	12.53	142	501263	53.73	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	297912	51.24	ng	99
40) Hexachlorocyclopentadiene	12.87	237	248802	86.91	ng	98

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024121.D
 Acq On : 24 Sep 2016 12:39
 Operator : UM/SJ
 Sample : H4902-06MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Quant Time: Sep 26 00:50:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

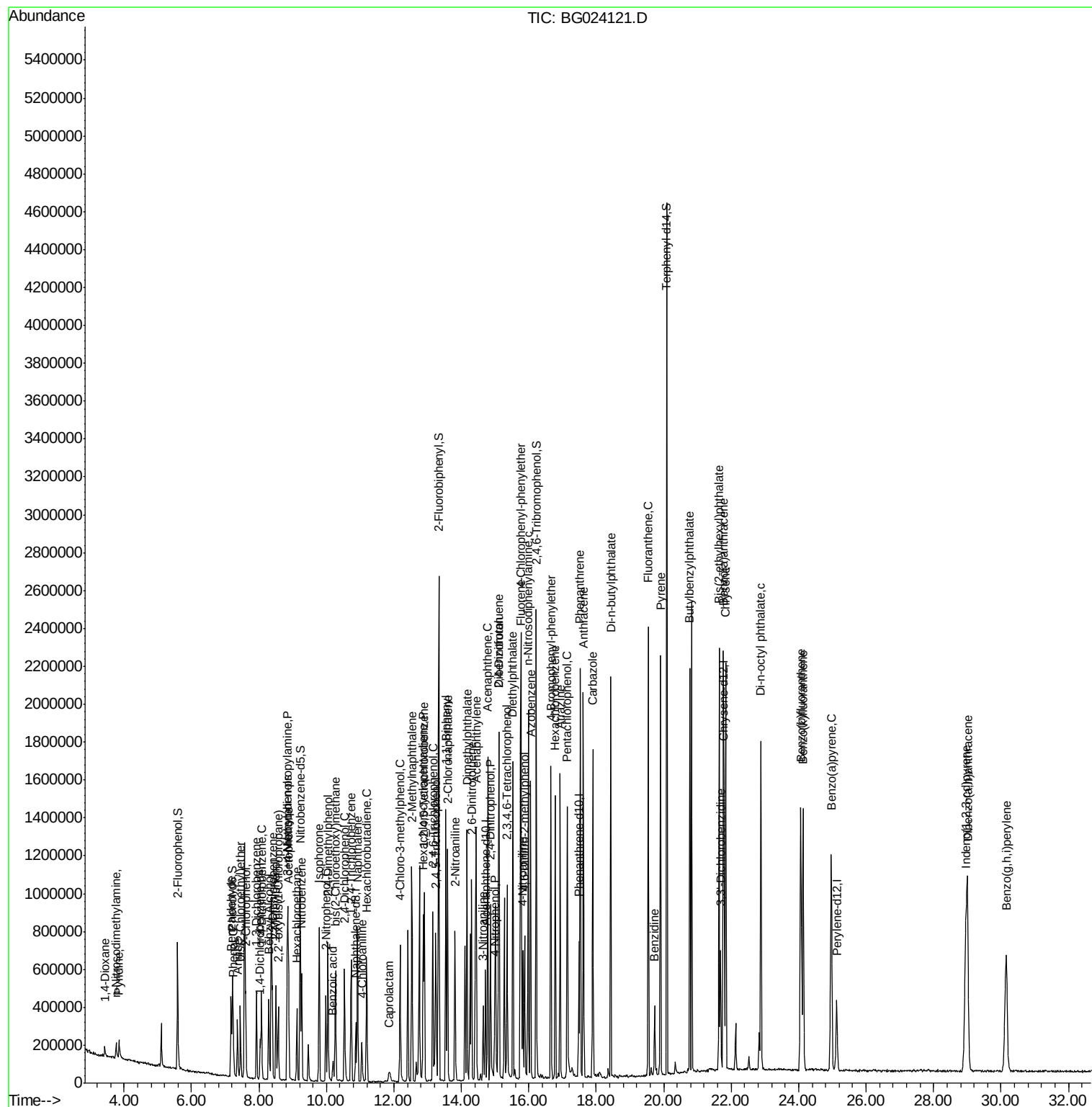
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	201212	53.51	ng	93
43) 2,4,5-Trichlorophenol	13.24	196	210853	54.49	ng	91
45) 1,1'-Biphenyl	13.54	154	702697	51.60	ng	98
46) 2-Chloronaphthalene	13.59	162	553054	54.39	ng	96
47) 2-Nitroaniline	13.81	65	259741	54.90	ng	100
48) Acenaphthylene	14.44	152	901508	52.22	ng	99
49) Dimethylphthalate	14.17	163	819849	53.66	ng	99
50) 2,6-Dinitrotoluene	14.30	165	179592	55.96	ng	94
51) Acenaphthene	14.78	154	570076	54.45	ng	96
52) 3-Nitroaniline	14.65	138	89243	27.84	ng	# 81
53) 2,4-Dinitrophenol	14.86	184	205492	85.41	ng	89
54) Dibenzofuran	15.12	168	923483	56.65	ng	98
55) 4-Nitrophenol	14.99	139	92476	39.25	ng	95
56) 2,4-Dinitrotoluene	15.10	165	259686	53.18	ng	# 86
57) Fluorene	15.77	166	756505	53.32	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	210233	56.26	ng	92
59) Diethylphthalate	15.53	149	853281	51.86	ng	98
60) 4-Chlorophenyl-phenylether	15.76	204	404194	53.17	ng	98
61) 4-Nitroaniline	15.81	138	137793	41.50	ng	# 79
62) Azobenzene	16.05	77	954758	57.11	ng	93
64) 4,6-Dinitro-2-methylphenol	15.87	198	155228	53.34	ng	88
65) n-Nitrosodiphenylamine	15.98	169	686318	59.86	ng	94
66) 4-Bromophenyl-phenylether	16.65	248	281106	57.83	ng	98
67) Hexachlorobenzene	16.78	284	292532	53.41	ng	98
68) Atrazine	16.93	200	280276	55.38	ng	96
69) Pentachlorophenol	17.14	266	262726	91.99	ng	96
70) Phenanthrene	17.52	178	1231763	57.70	ng	97
71) Anthracene	17.62	178	1248063	56.92	ng	100
72) Carbazole	17.90	167	1083829	53.10	ng	97
73) Di-n-butylphthalate	18.43	149	1330169	49.78	ng	98
74) Fluoranthene	19.54	202	1375880	49.37	ng	96
76) Benzidine	19.73	184	202817	17.20	ng	96
77) Pyrene	19.90	202	1376249	47.32	ng	95
79) Butylbenzylphthalate	20.77	149	587989	54.90	ng	97
80) Benzo(a)anthracene	21.77	228	1329871	56.08	ng	96
81) 3,3'-Dichlorobenzidine	21.68	252	229905	27.05	ng	# 98
82) Chrysene	21.84	228	1246678	55.93	ng	99
83) Bis(2-ethylhexyl)phthalate	21.64	149	831981	65.02	ng	96
84) Di-n-octyl phthalate	22.88	149	1407286	63.74	ng	100
85) Indeno(1,2,3-cd)pyrene	28.96	276	1561938	62.84	ng	# 100
87) Benzo(b)fluoranthene	24.06	252	1392212	58.08	ng	# 97
88) Benzo(k)fluoranthene	24.13	252	1312327	55.12	ng	# 98
89) Benzo(a)pyrene	24.97	252	1323028	57.09	ng	# 97
90) Dibenzo(a,h)anthracene	29.01	278	1298589	56.12	ng	# 96
91) Benzo(g,h,i)perylene	30.16	276	1292660	55.45	ng	# 94

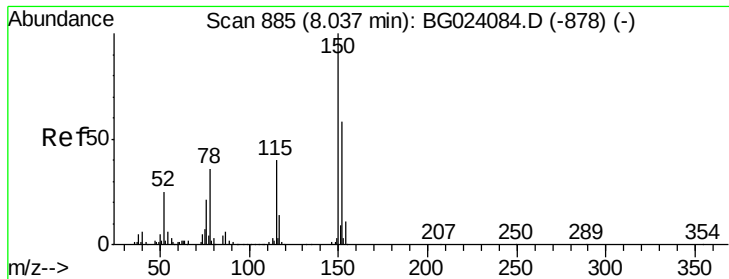
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024121.D
Acq On : 24 Sep 2016 12:39
Operator : UM/SJ
Sample : H4902-06MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Quant Time: Sep 26 00:50:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

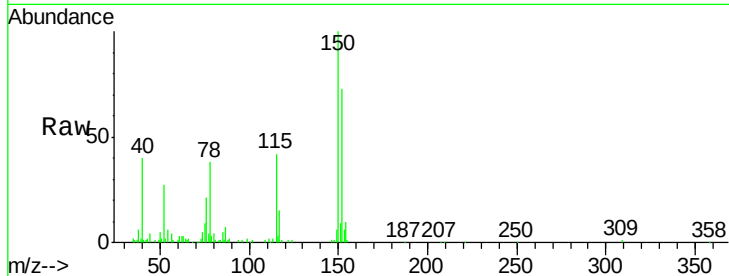
Tgt Ion:152 Resp: 50686

Ion Ratio Lower Upper

152 100

150 137.3 144.7 217.1#

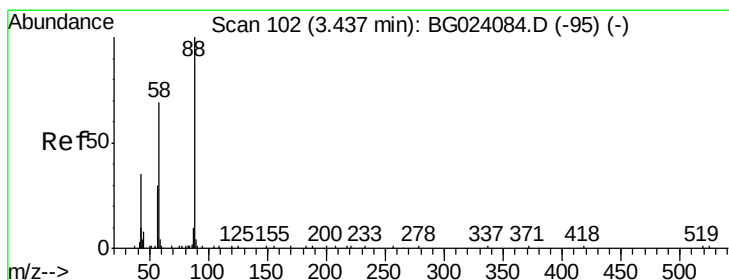
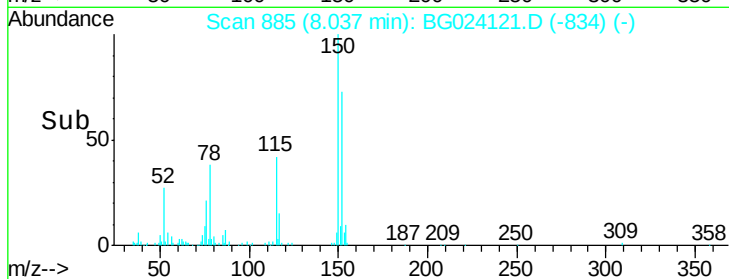
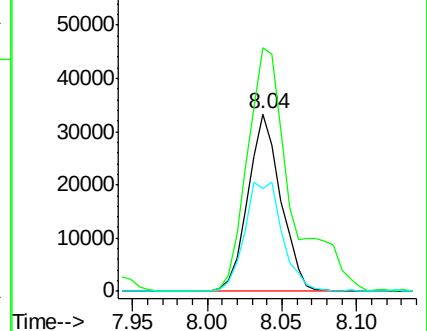
115 58.0 64.0 96.0#



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: 23.11 ng

RT: 3.43 min Scan# 101

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

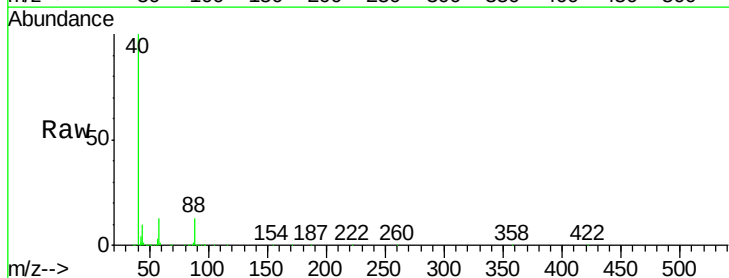
Tgt Ion: 88 Resp: 25878

Ion Ratio Lower Upper

88 100

58 83.8 60.4 90.6

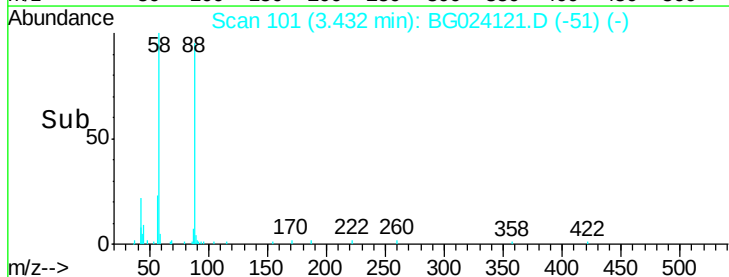
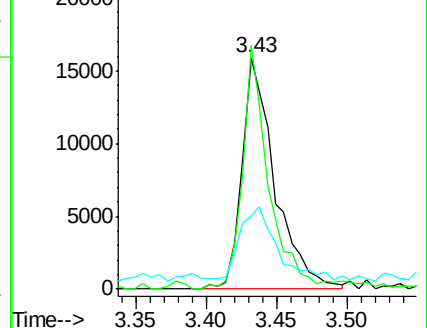
43 37.6 31.1 46.7

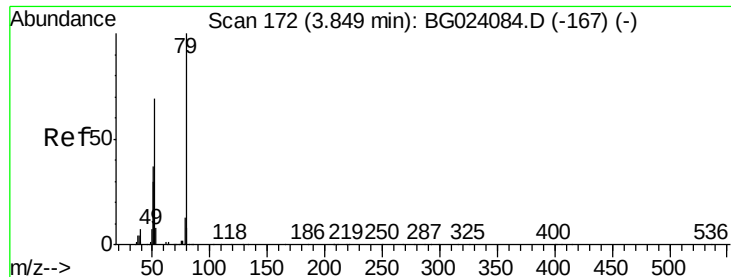


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 17.24 ng

RT: 3.85 min Scan# 172

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

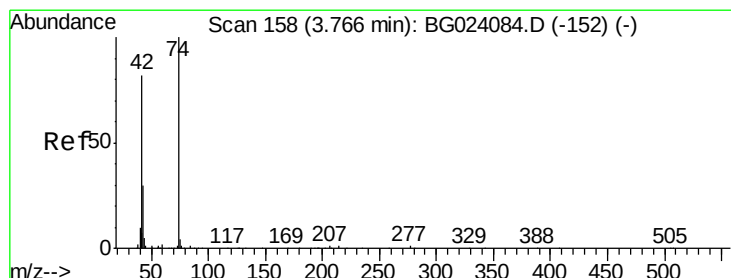
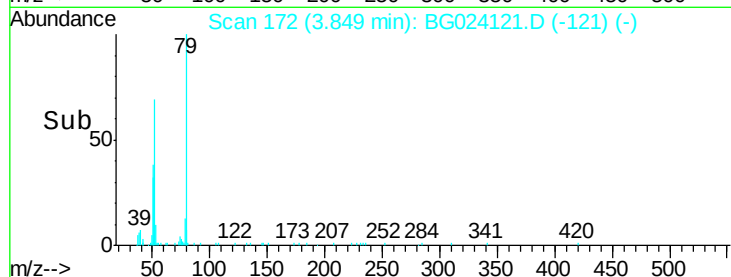
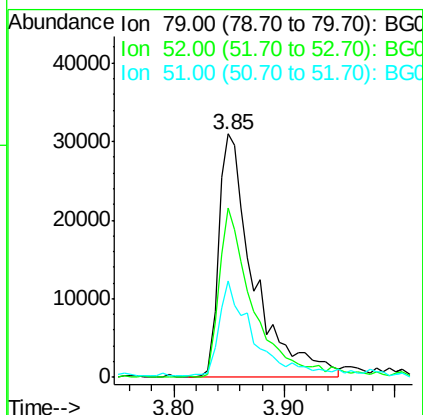
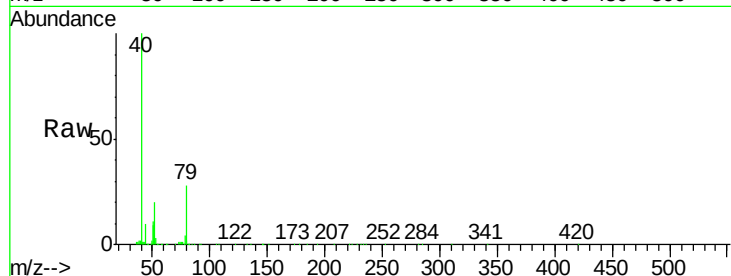
Tgt Ion: 79 Resp: 68207

Ion Ratio Lower Upper

79 100

52 69.5 51.8 77.8

51 39.5 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 22.43 ng

RT: 3.77 min Scan# 158

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

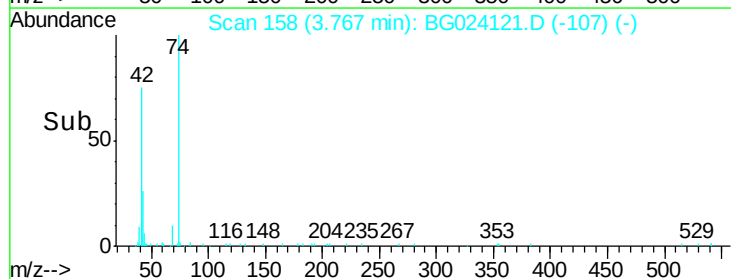
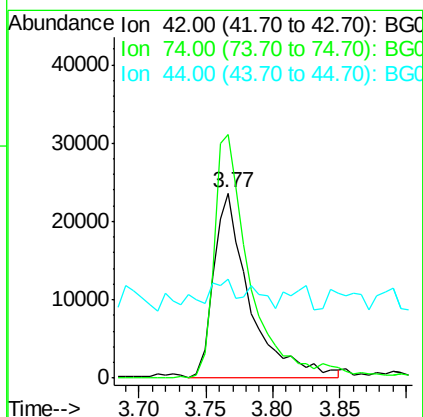
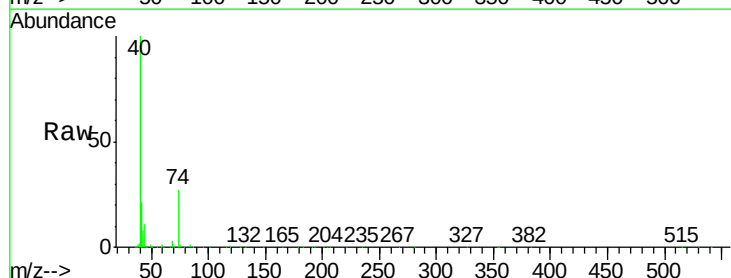
Tgt Ion: 42 Resp: 44994

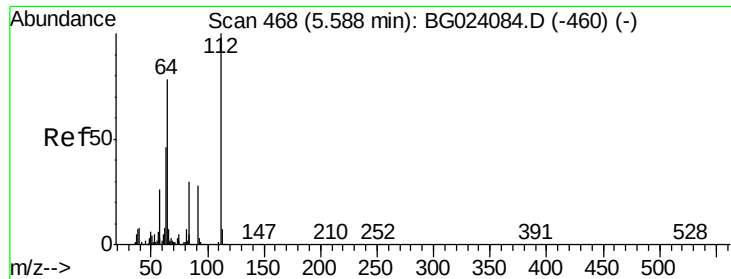
Ion Ratio Lower Upper

42 100

74 131.8 100.6 150.8

44 53.2 4.5 6.7#





#5

2-Fluorophenol

Concen: 95.07 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

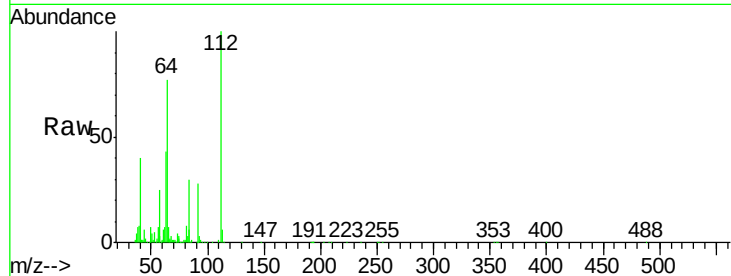
Tgt Ion: 112 Resp: 278145

Ion Ratio Lower Upper

112 100

64 77.2 59.0 88.4

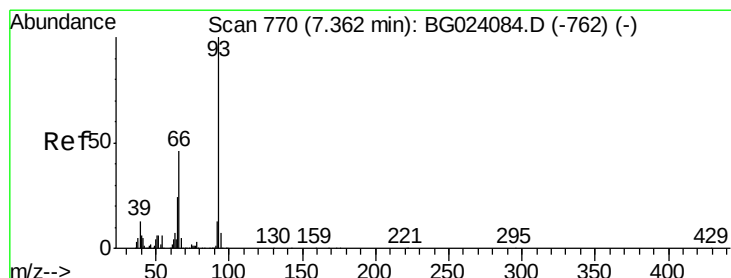
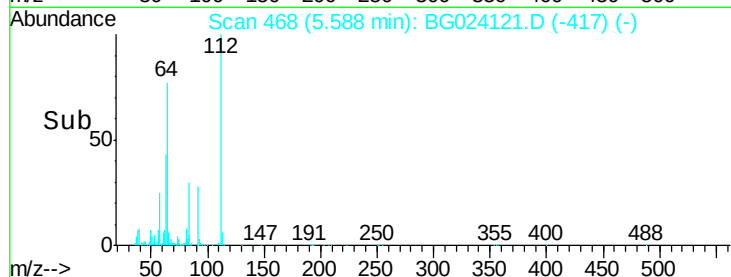
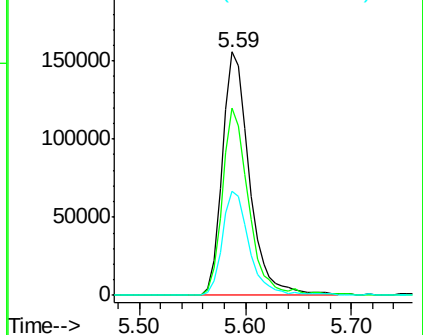
63 42.7 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.71 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

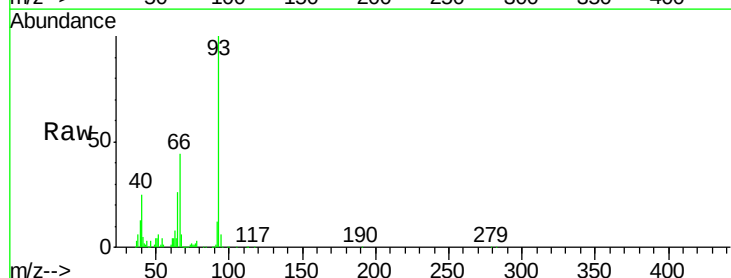
Tgt Ion: 93 Resp: 184697

Ion Ratio Lower Upper

93 100

66 44.2 37.5 56.3

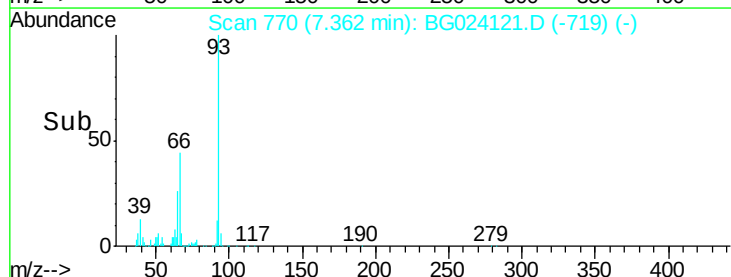
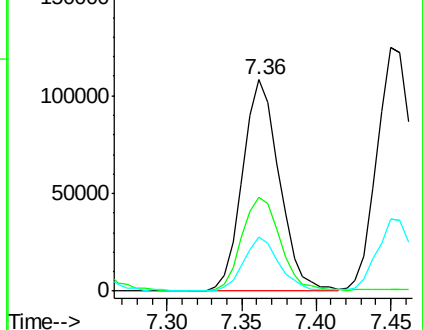
65 25.9 17.9 26.9

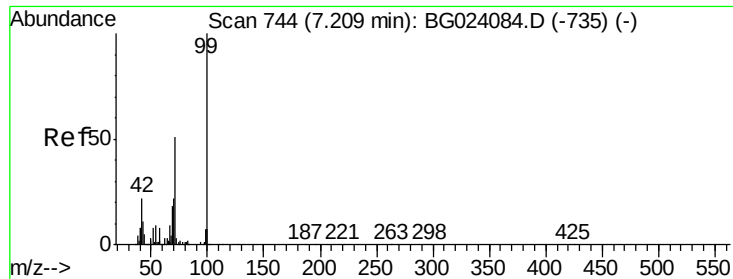


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 59.42 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

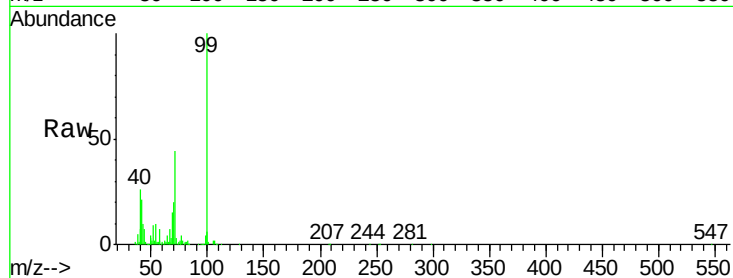
Tgt Ion: 99 Resp: 292496

Ion Ratio Lower Upper

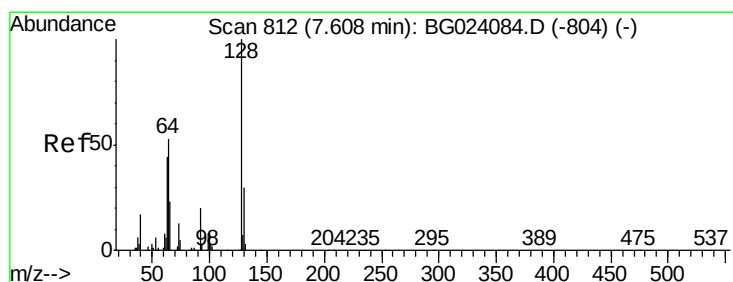
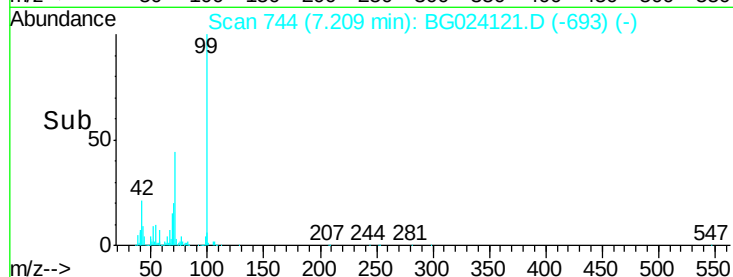
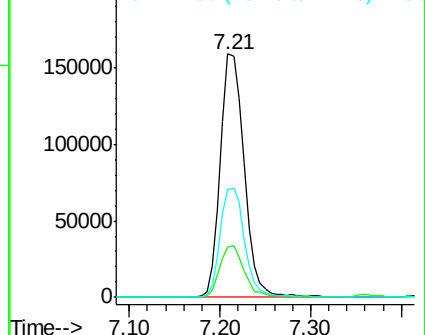
99 100

42 20.8 17.8 26.6

71 44.4 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: 46.89 ng

RT: 7.60 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

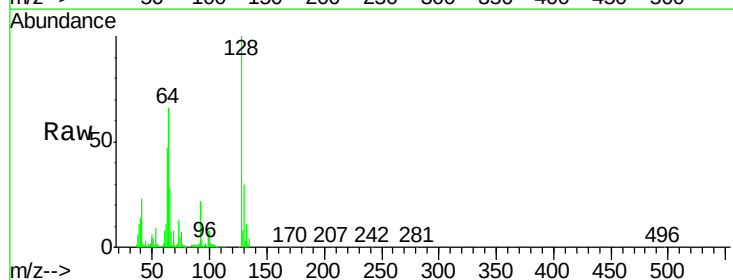
Tgt Ion: 128 Resp: 164220

Ion Ratio Lower Upper

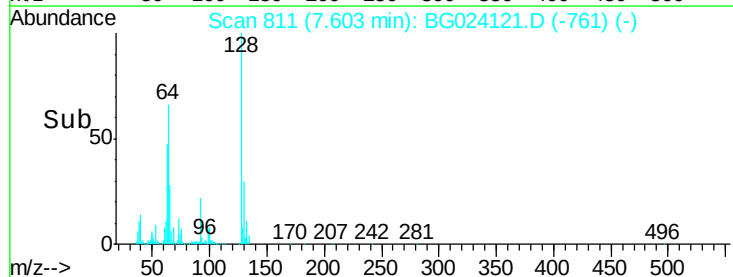
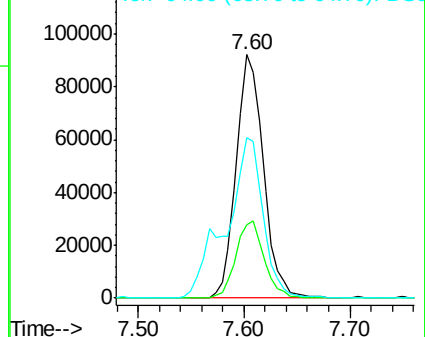
128 100

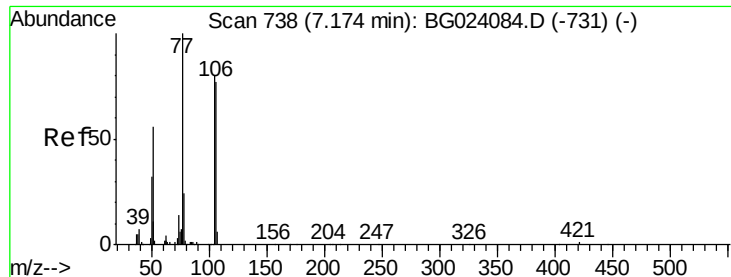
130 30.2 12.9 52.9

64 65.8 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: 63.28 ng

RT: 7.17 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

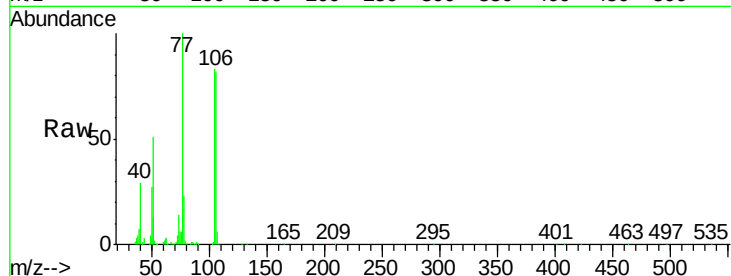
Tgt Ion: 77 Resp: 169637

Ion Ratio Lower Upper

77 100

105 83.1 58.7 98.7

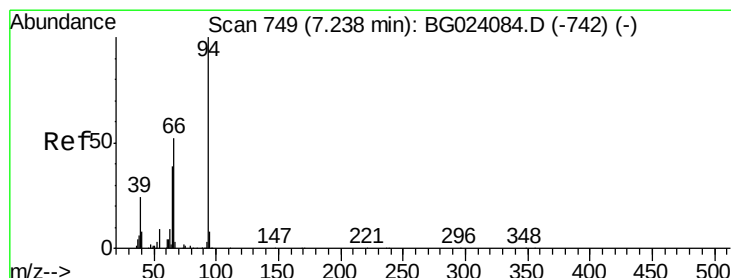
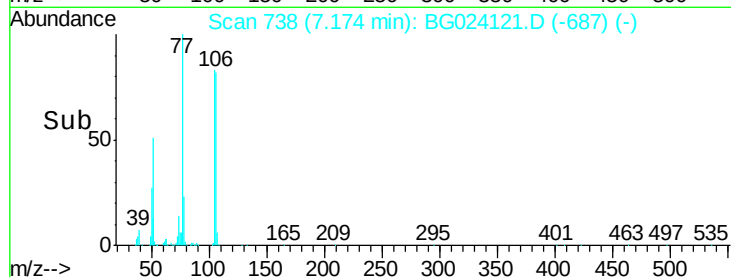
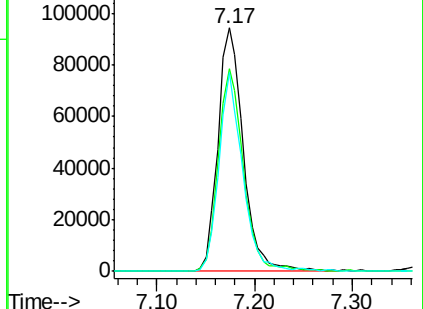
106 81.9 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 20.32 ng

RT: 7.24 min Scan# 749

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

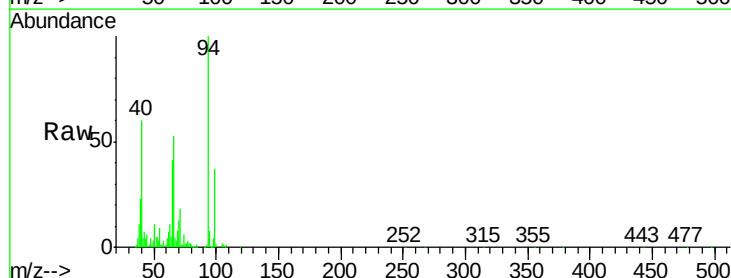
Tgt Ion: 94 Resp: 105164

Ion Ratio Lower Upper

94 100

65 41.5 18.1 58.1

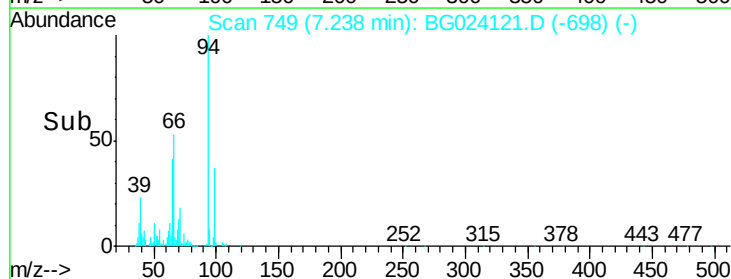
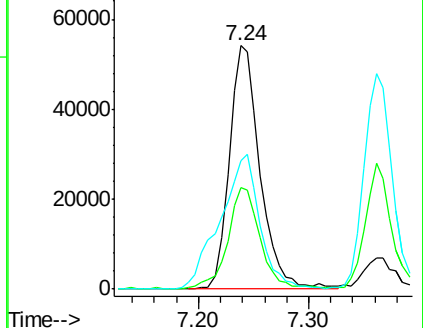
66 52.6 42.1 82.1

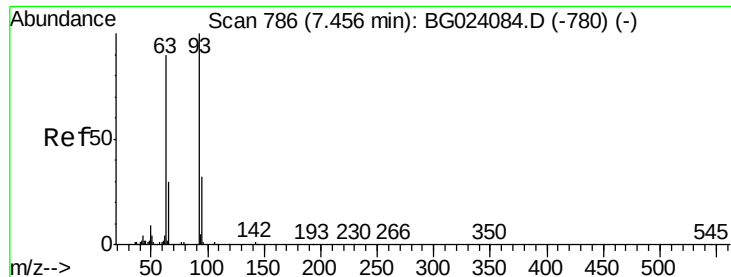


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

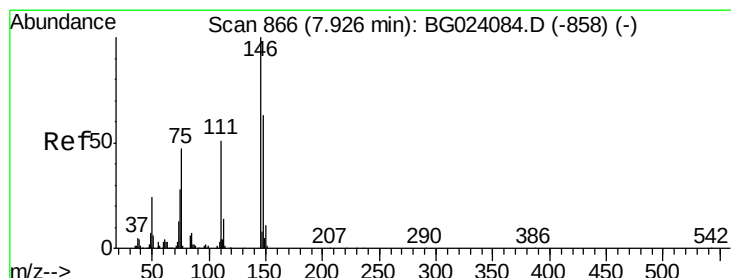
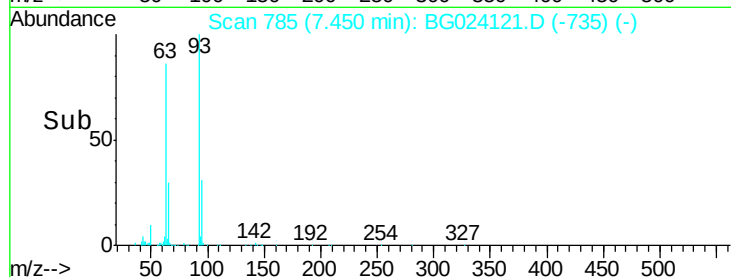
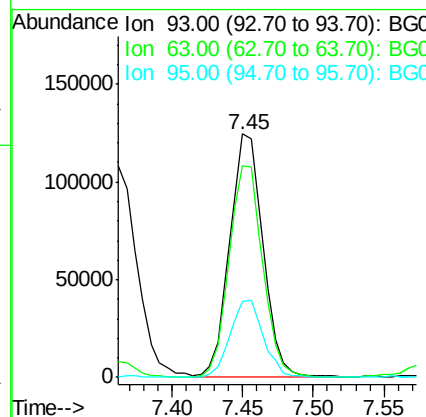
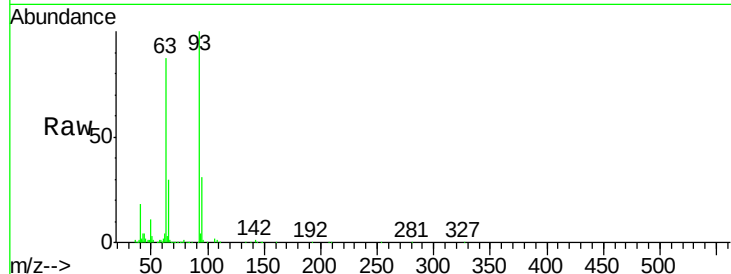




#11
 bis(2-Chloroethyl)ether
 Concen: 50.11 ng
 RT: 7.45 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

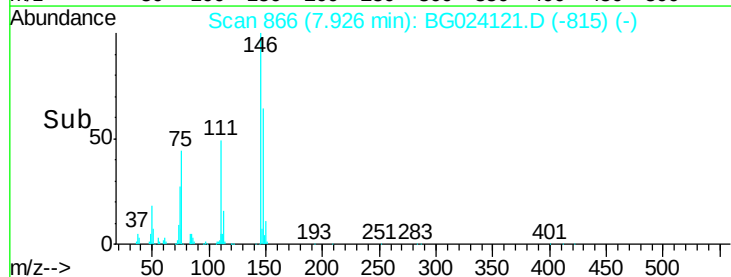
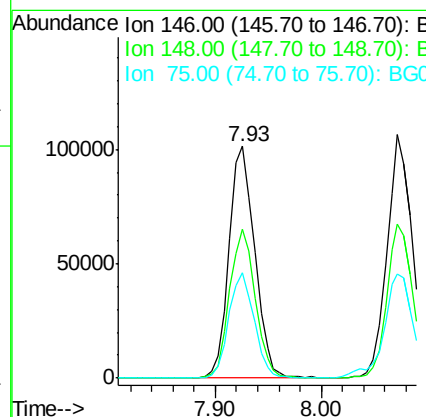
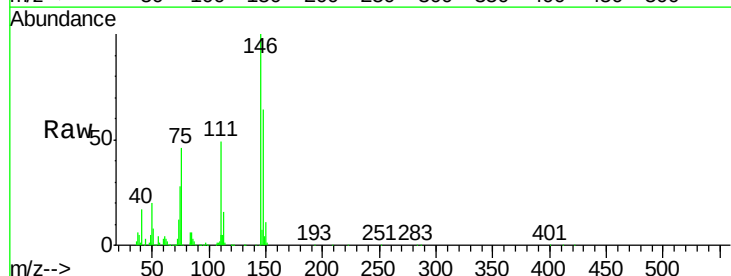
Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

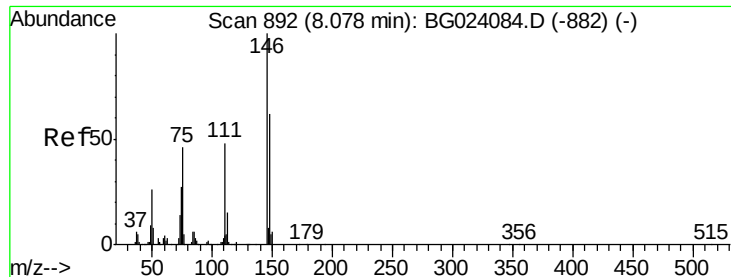
Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.7	55.0	95.0
95	31.1	11.0	51.0



#12
 1,3-Dichlorobenzene
 Concen: 43.82 ng
 RT: 7.93 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.3	75.5
75	45.6	37.0	55.6

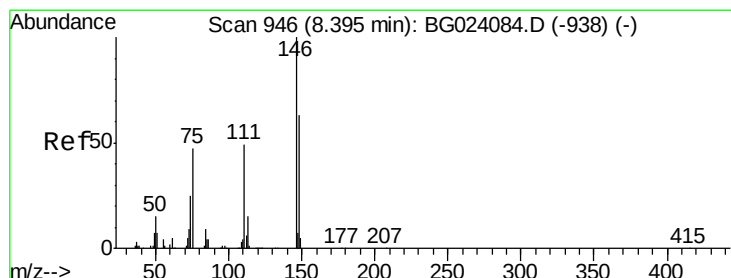
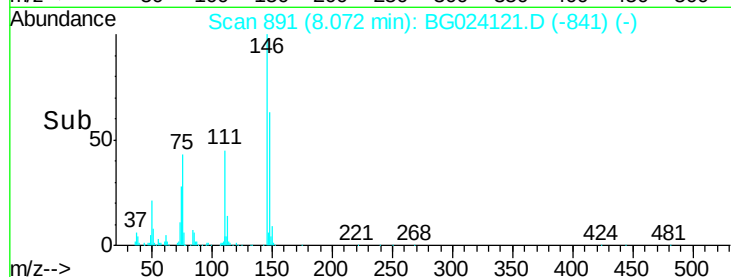
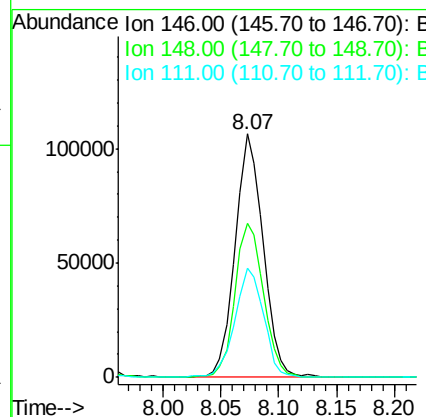
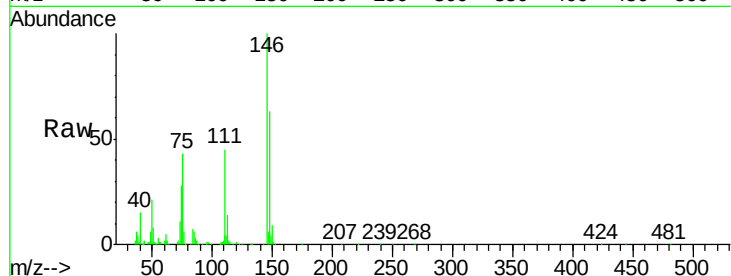




#13
 1,4-Dichlorobenzene
 Concen: 44.95 ng
 RT: 8.07 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

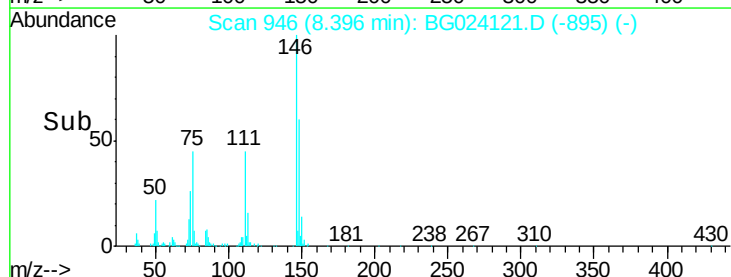
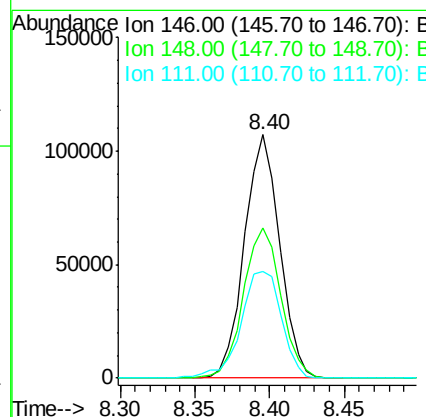
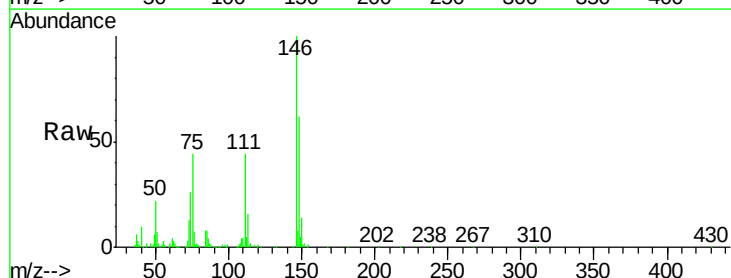
Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

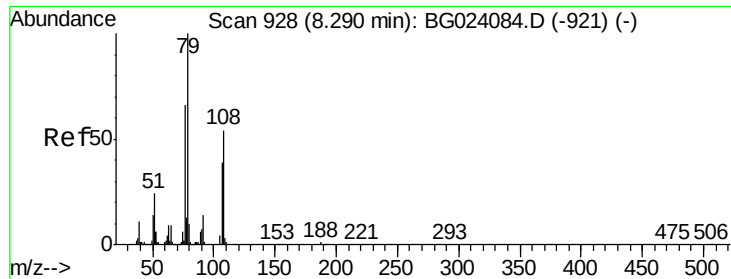
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	54.5	81.7
111	44.9	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 45.21 ng
 RT: 8.40 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	52.9	79.3
111	43.7	43.5	65.3





#15

Benzyl Alcohol

Concen: 36.32 ng

RT: 8.29 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

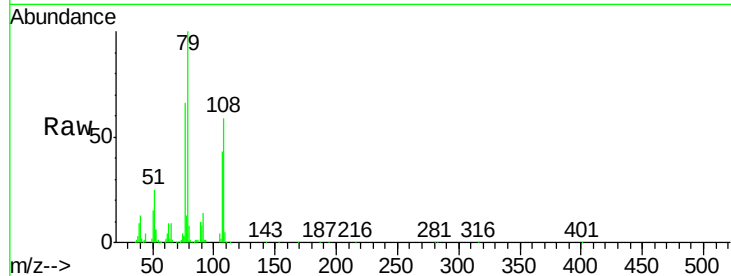
Tgt Ion: 79 Resp: 173058

Ion Ratio Lower Upper

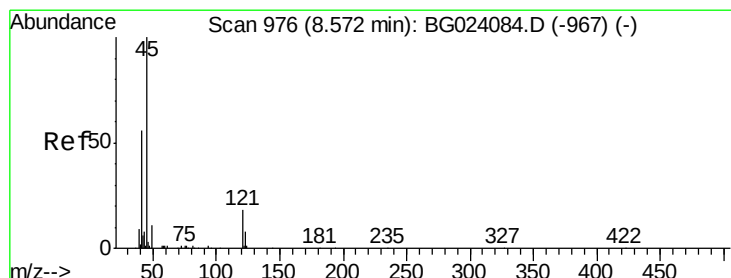
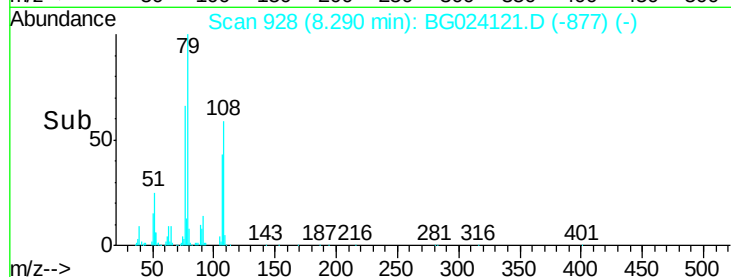
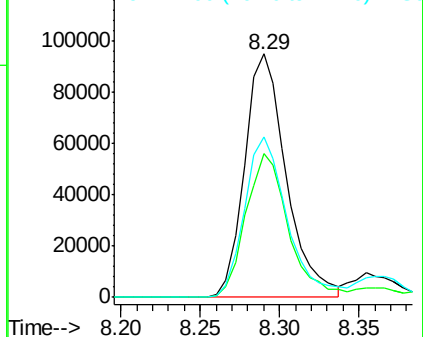
79 100

108 59.3 46.5 69.7

77 66.1 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.75 ng

RT: 8.57 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

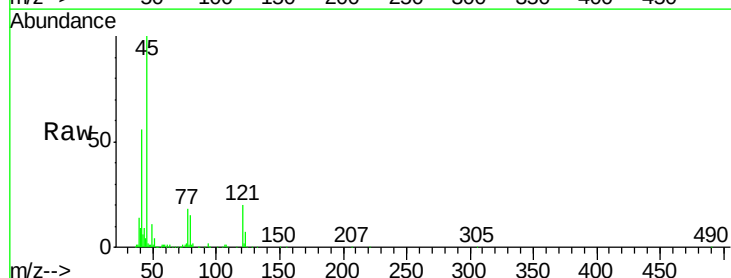
Tgt Ion: 45 Resp: 274689

Ion Ratio Lower Upper

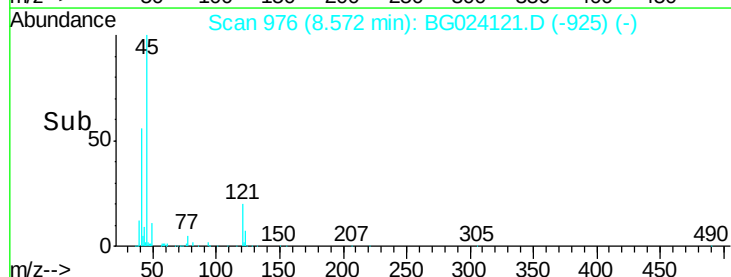
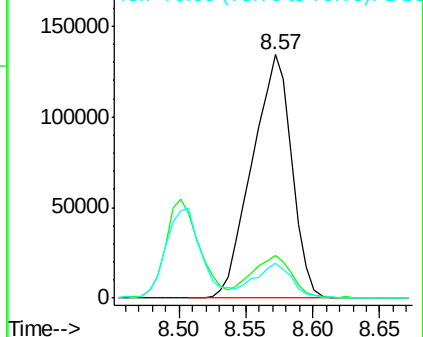
45 100

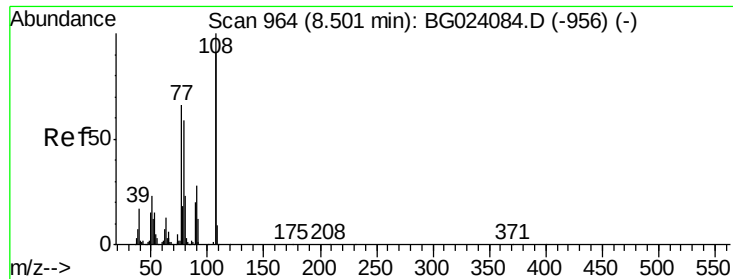
77 17.5 0.6 40.6

79 14.6 0.0 36.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

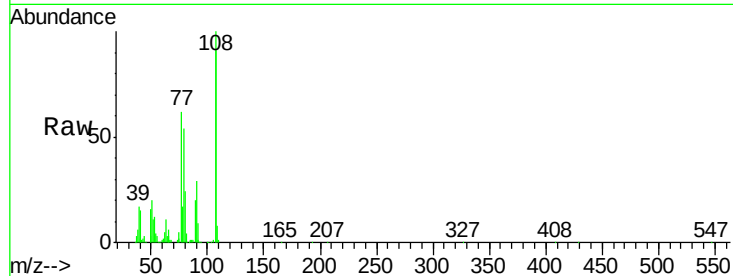




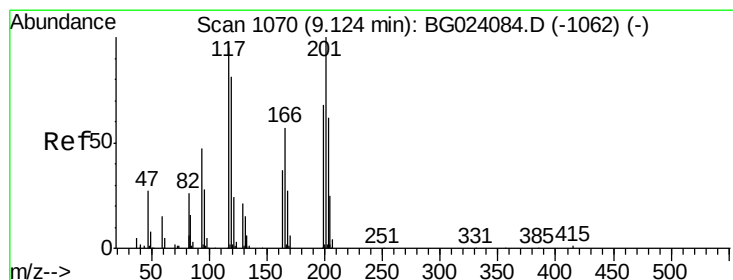
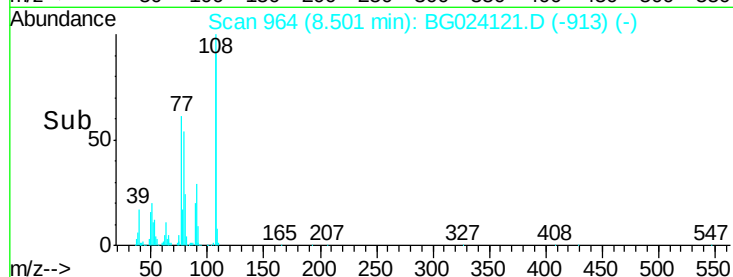
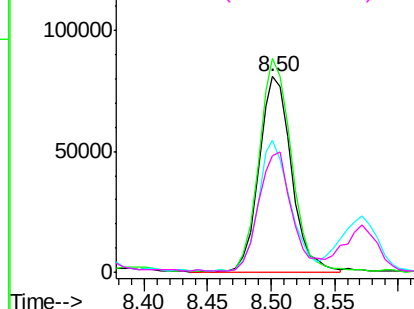
#17
2-Methylphenol
Concen: 42.06 ng
RT: 8.50 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion:	107	Resp:	144714
Ion	Ratio	Lower	Upper
107	100		
108	109.4	92.0	138.0
77	67.3	55.8	83.6
79	59.5	55.0	82.6

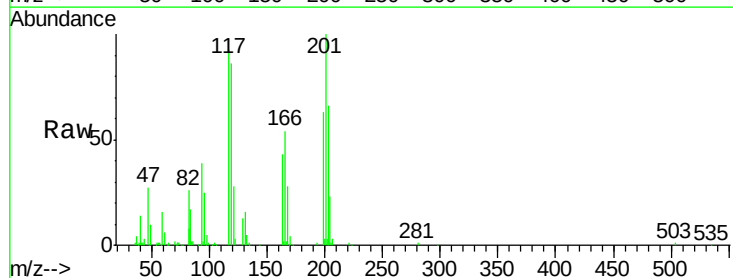


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

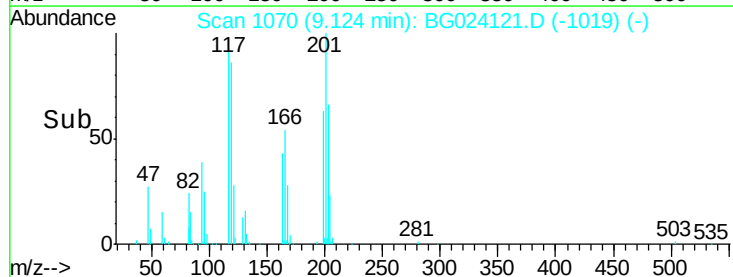
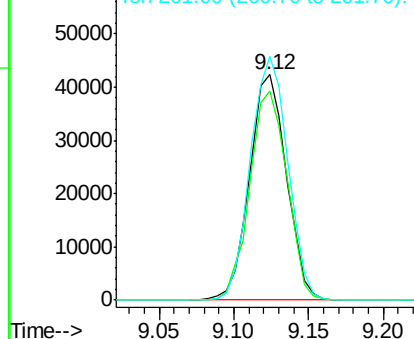


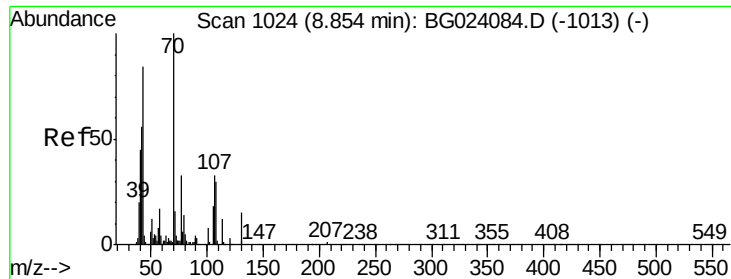
#18
Hexachloroethane
Concen: 42.94 ng
RT: 9.12 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion:	117	Resp:	72112
Ion	Ratio	Lower	Upper
117	100		
119	92.8	73.7	110.5
201	107.9	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

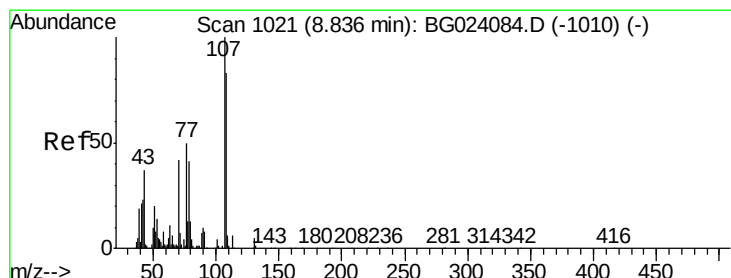
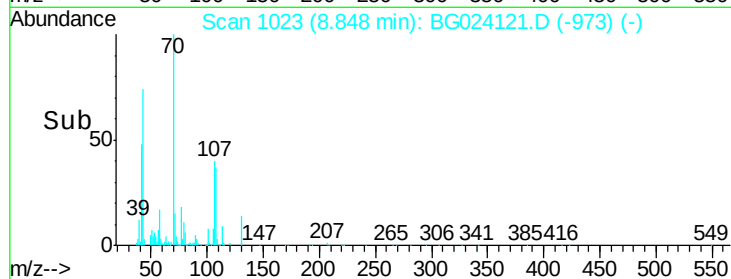
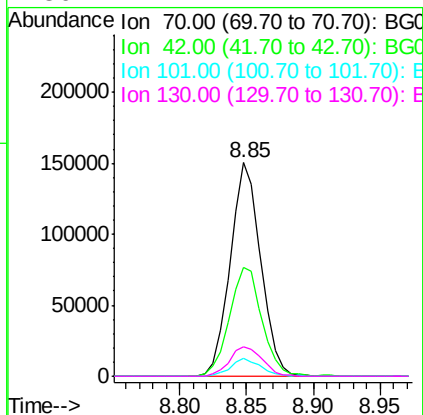
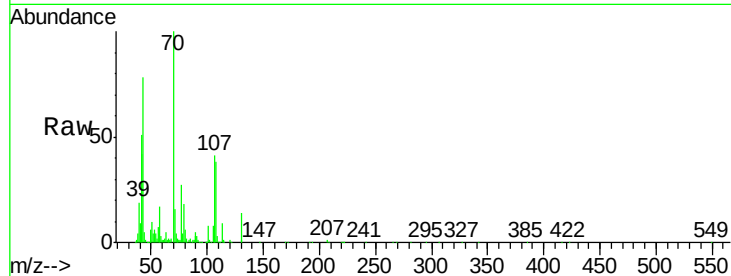




#19
n-Nitroso-di-n-propylamine
Concen: 49.56 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

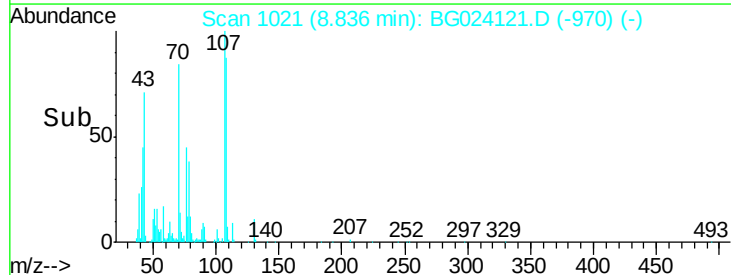
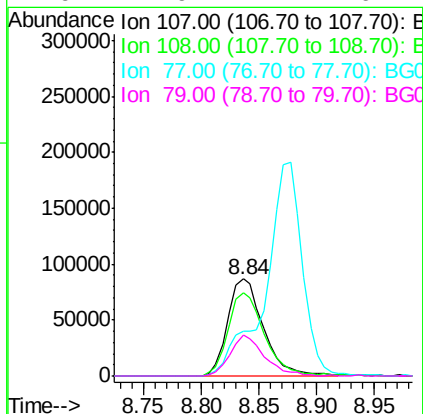
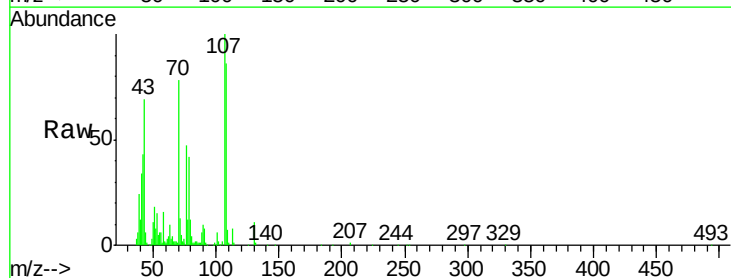
Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

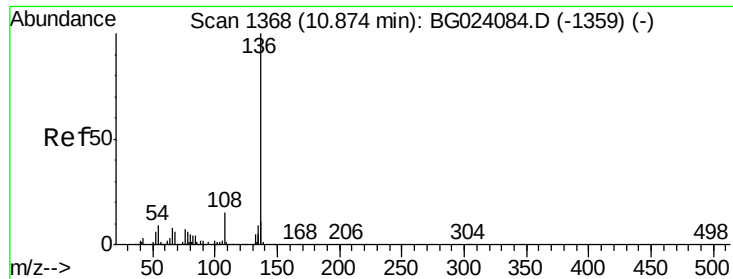
Tgt Ion: 70 Resp: 239629
Ion Ratio Lower Upper
70 100
42 50.7 42.1 63.1
101 8.2 7.2 10.8
130 14.1 14.2 21.2#



#20
3+4-Methylphenols
Concen: 37.37 ng
RT: 8.84 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion: 107 Resp: 186758
Ion Ratio Lower Upper
107 100
108 86.1 72.5 112.5
77 46.6 30.1 70.1
79 41.9 24.2 64.2

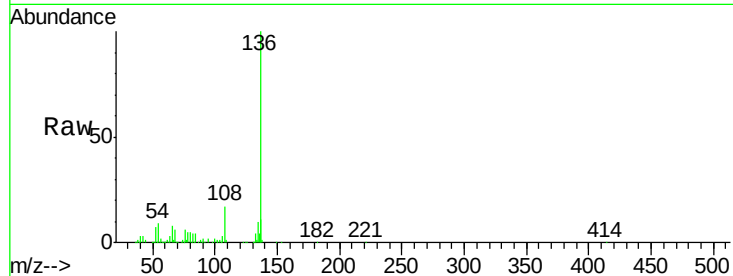




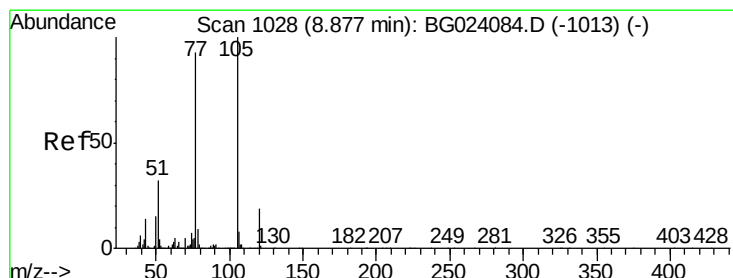
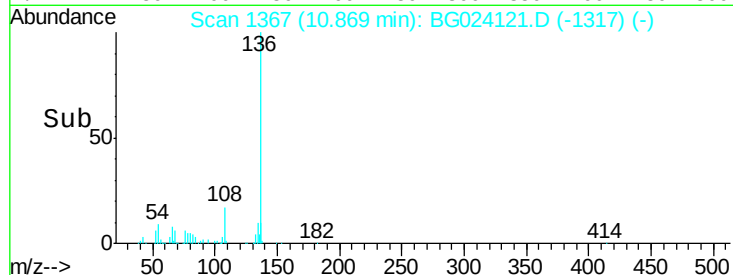
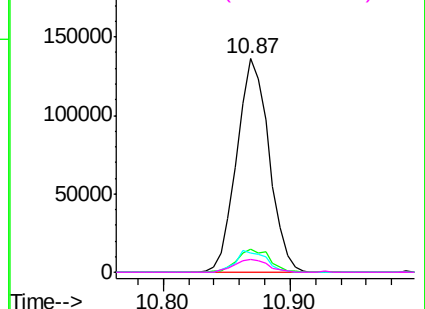
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion:	136	Resp:	240504
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	8.7	7.3	10.9
68	5.8	5.3	7.9

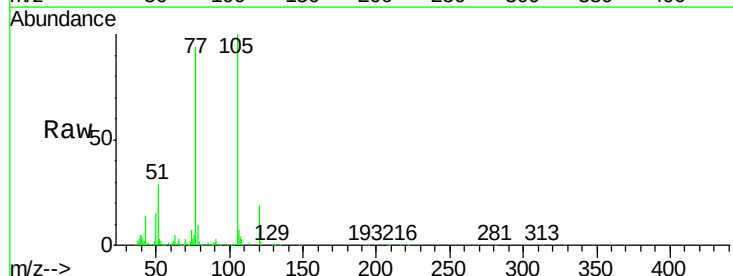


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

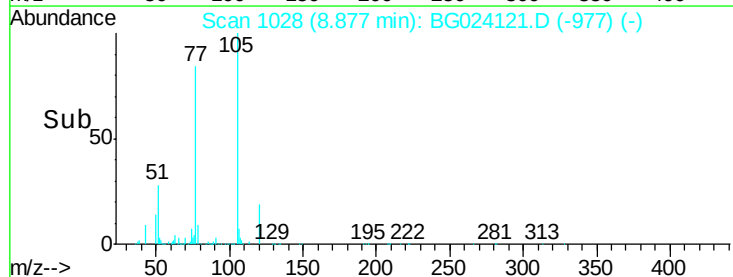
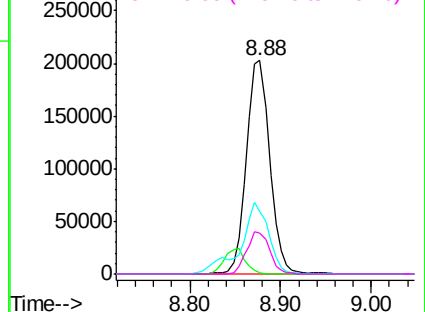


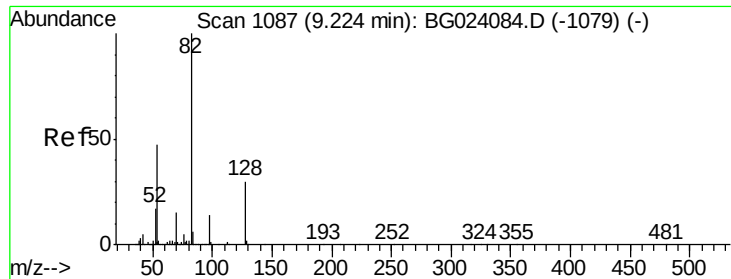
#22
Acetophenone
Concen: 52.45 ng
RT: 8.88 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion:	105	Resp:	363901
Ion	Ratio	Lower	Upper
105	100		
71	0.4	2.6	3.8#
51	29.5	27.1	40.7
120	19.3	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

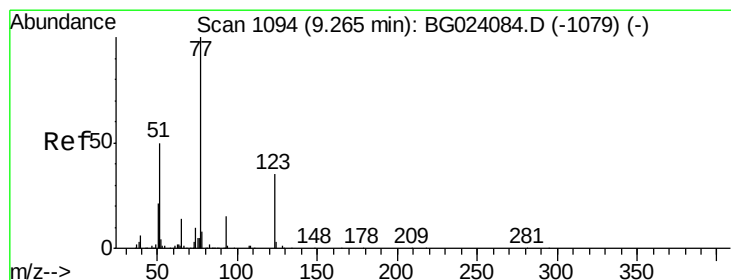
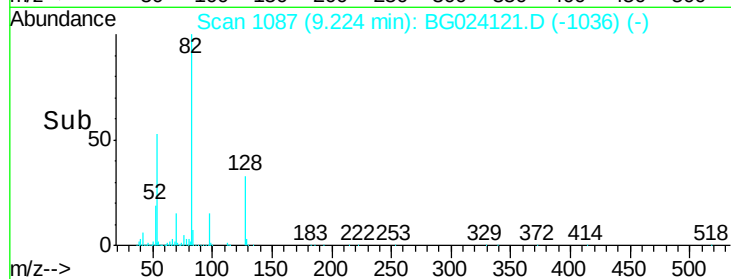
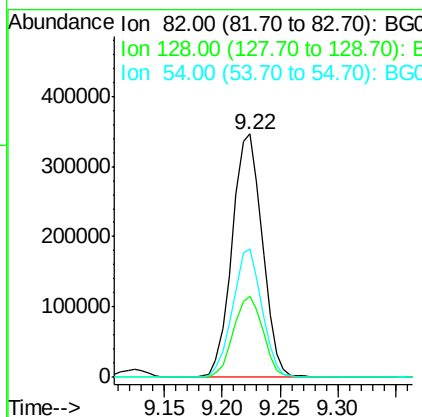
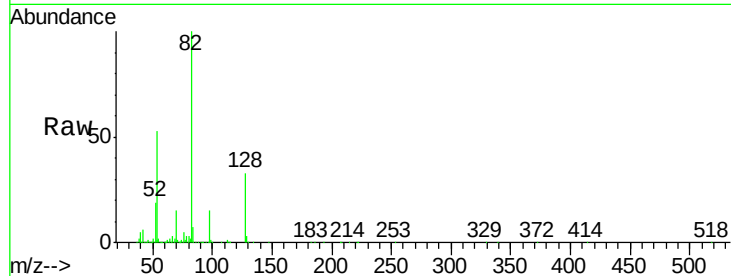




#23
 Nitrobenzene-d5
 Concen: 102.89 ng
 RT: 9.22 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

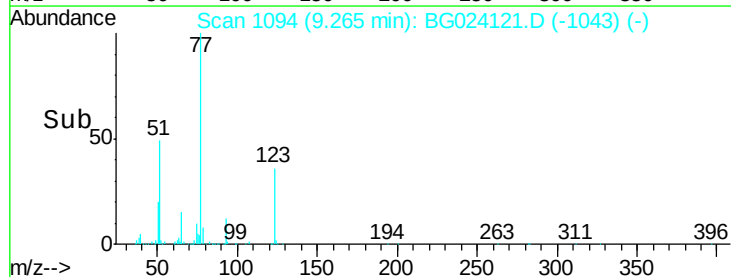
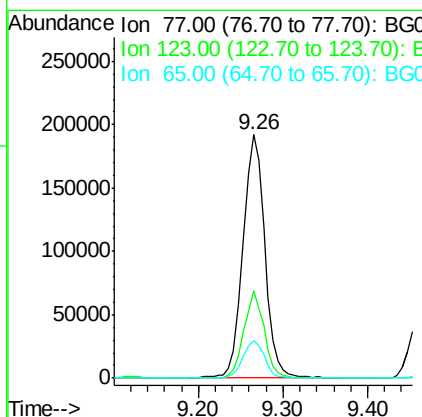
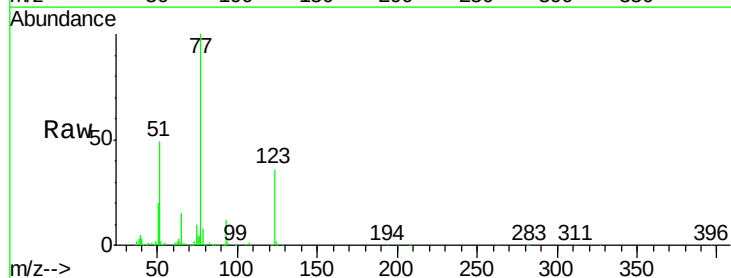
Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

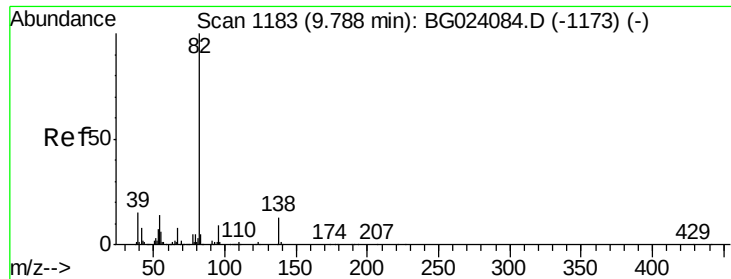
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.3	24.4	36.6
54	52.6	41.4	62.0



#24
 Nitrobenzene
 Concen: 52.73 ng
 RT: 9.26 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.1	25.0	37.6
65	15.2	13.4	20.0





#25

Isophorone

Concen: 50.12 ng

RT: 9.78 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

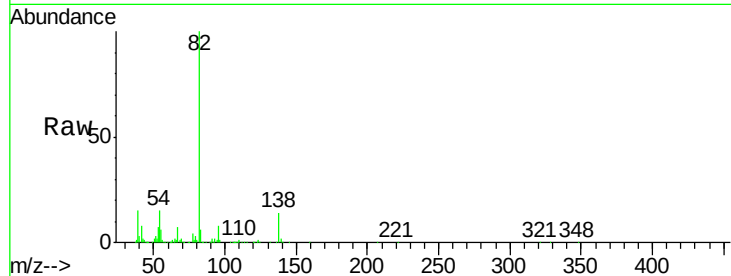
Tgt Ion: 82 Resp: 623863

Ion Ratio Lower Upper

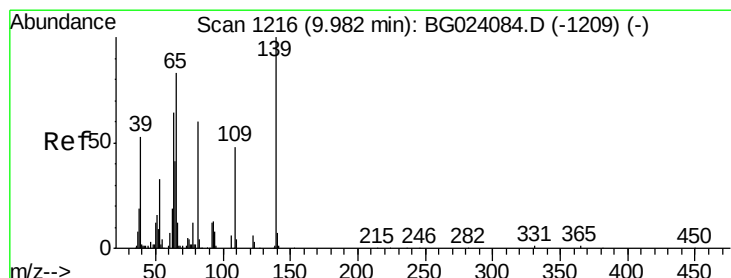
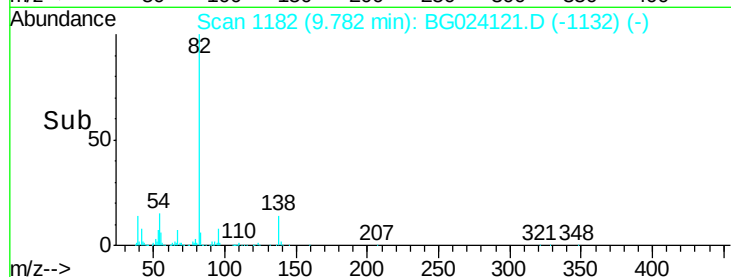
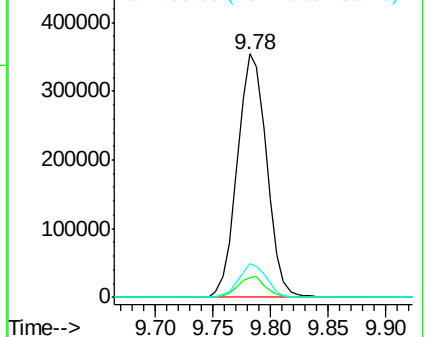
82 100

95 8.2 8.2 12.2

138 13.7 10.7 16.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 51.41 ng

RT: 9.98 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

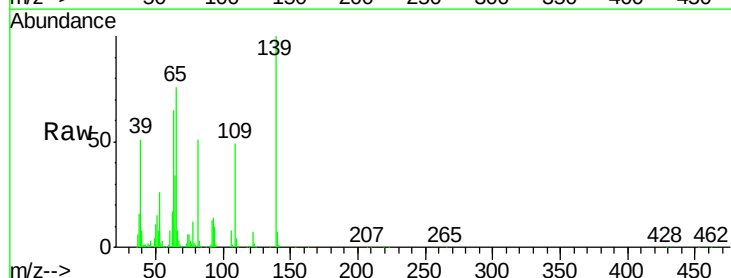
Tgt Ion: 139 Resp: 119273

Ion Ratio Lower Upper

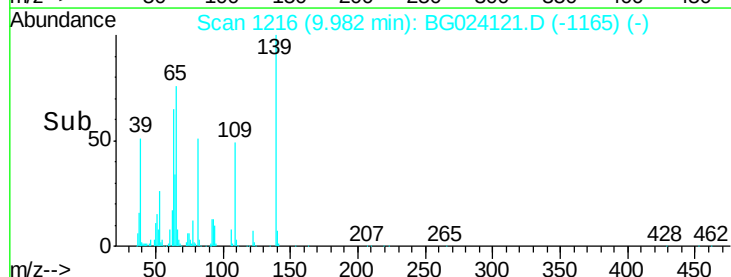
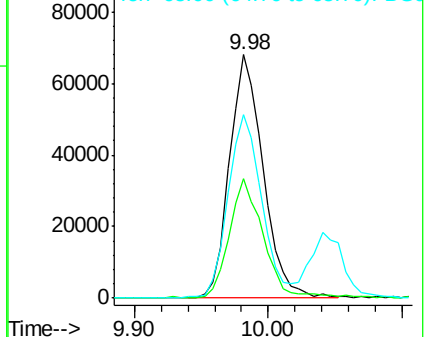
139 100

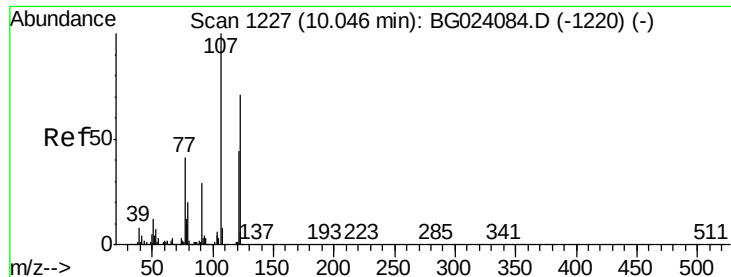
109 49.3 43.5 65.3

65 75.5 64.3 96.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

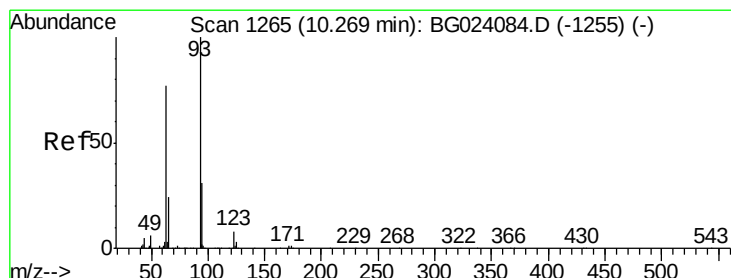
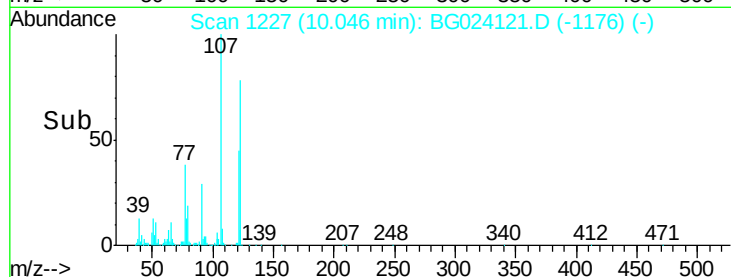
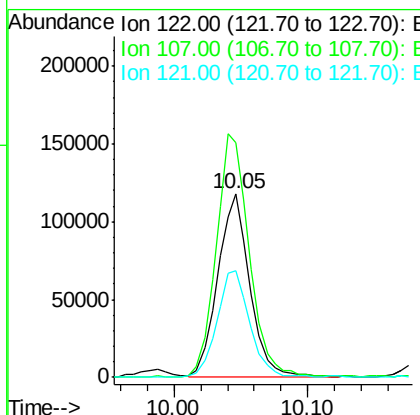
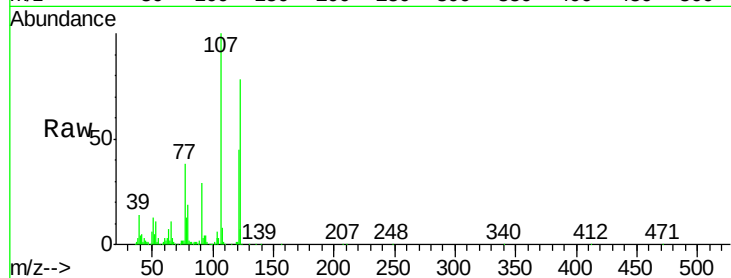




#27
 2,4-Dimethylphenol
 Concen: 50.34 ng
 RT: 10.05 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

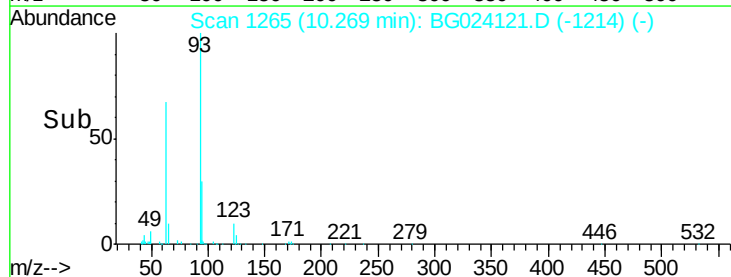
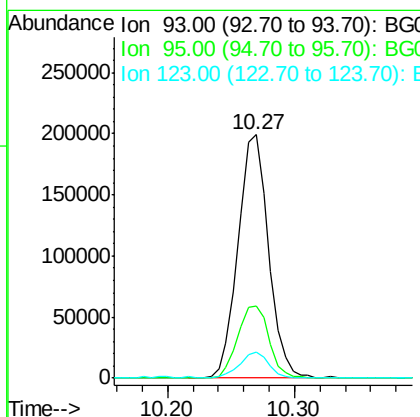
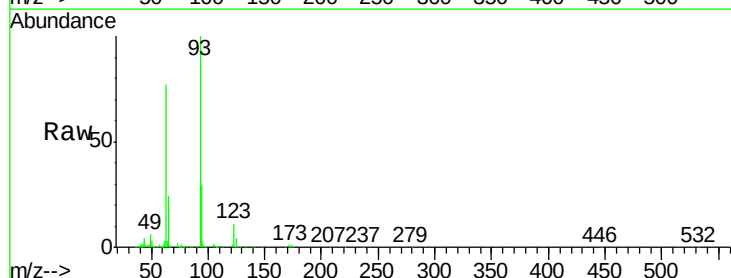
Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

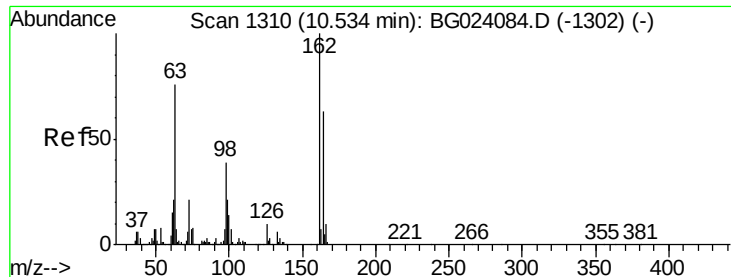
Tgt Ion	Ratio	Lower	Upper
122	100		
107	127.8	117.0	175.4
121	57.9	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.97 ng
 RT: 10.27 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.6	25.4	38.2
123	10.7	8.2	12.2

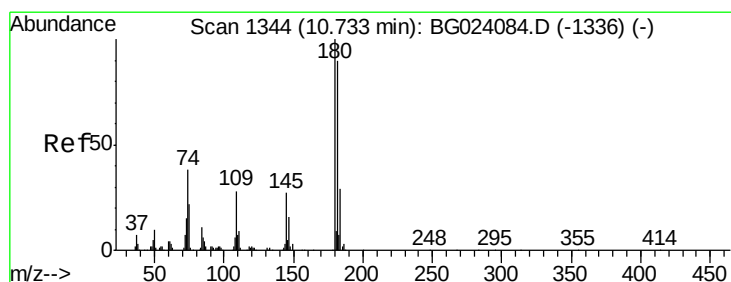
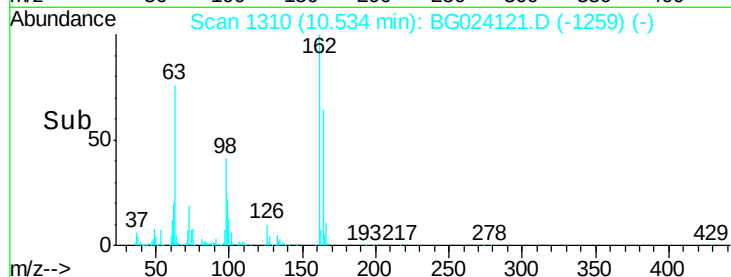
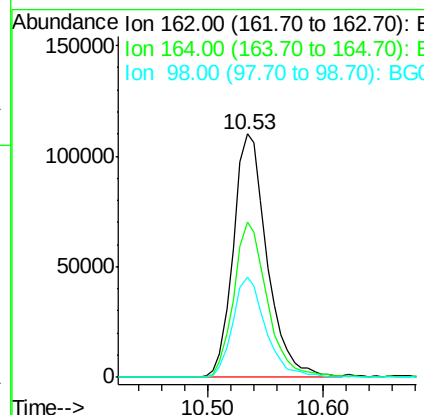
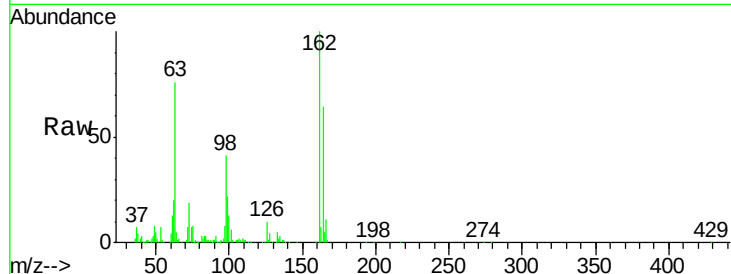




#29
 2,4-Dichlorophenol
 Concen: 55.25 ng
 RT: 10.53 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

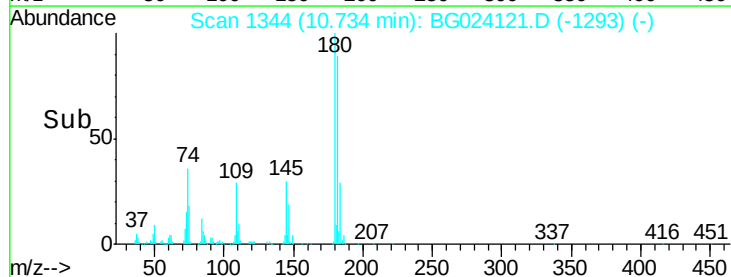
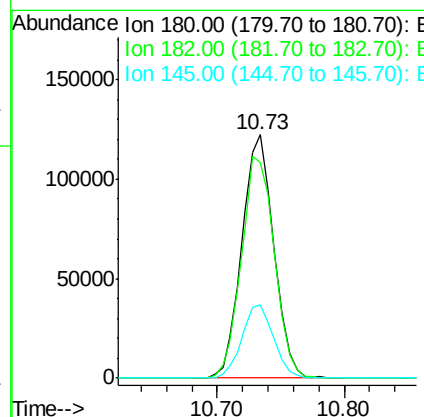
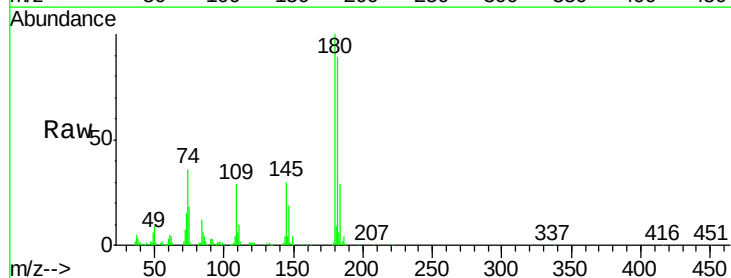
Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

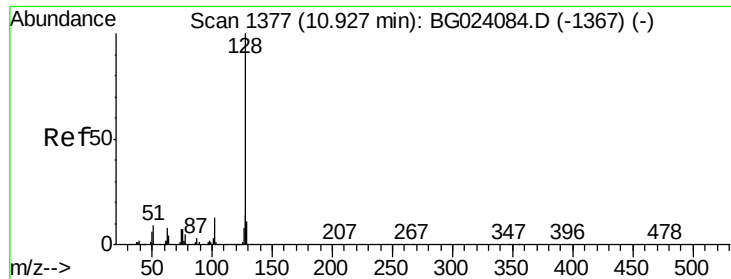
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.3	84.3
98	41.1	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 49.01 ng
 RT: 10.73 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.7	73.8	110.8
145	30.3	24.4	36.6

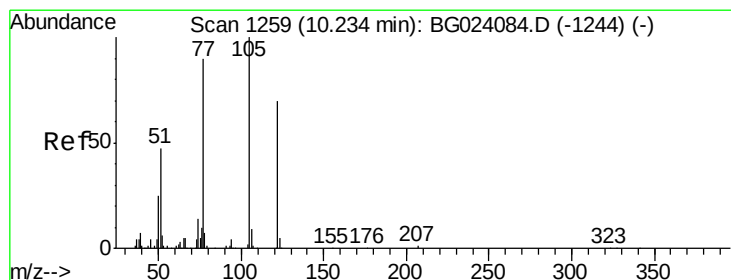
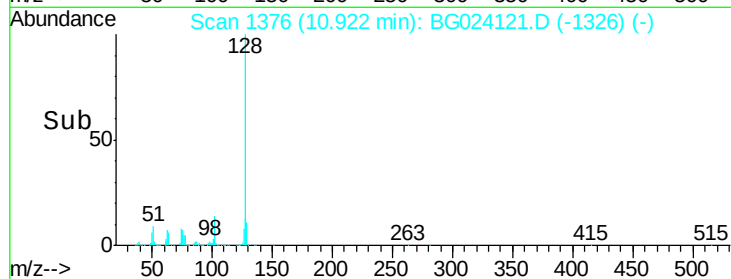
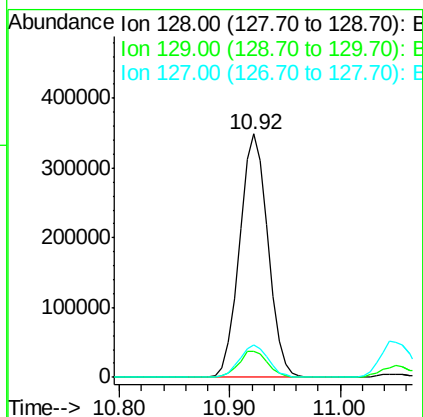
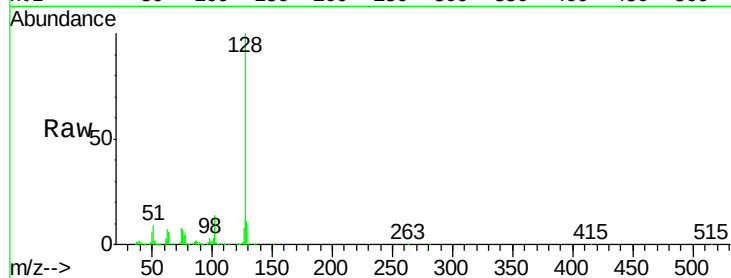




#31
Naphthalene
Concen: 51.61 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

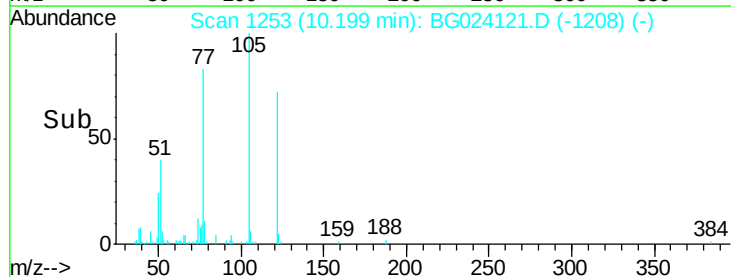
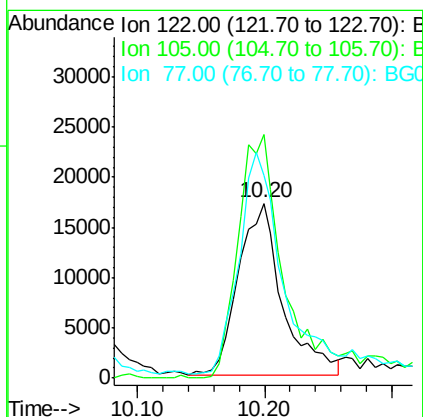
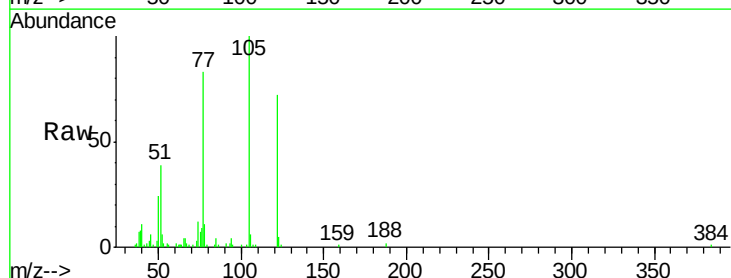
Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

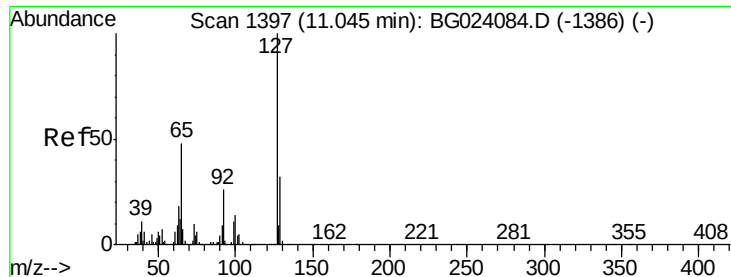
Tgt Ion:	128	Resp:	628800
Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.0
127	13.3	11.3	16.9



#32
Benzoic acid
Concen: 16.42 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.04 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion:	122	Resp:	41432
Ion	Ratio	Lower	Upper
122	100		
105	139.1	117.2	157.2
77	116.0	109.2	149.2

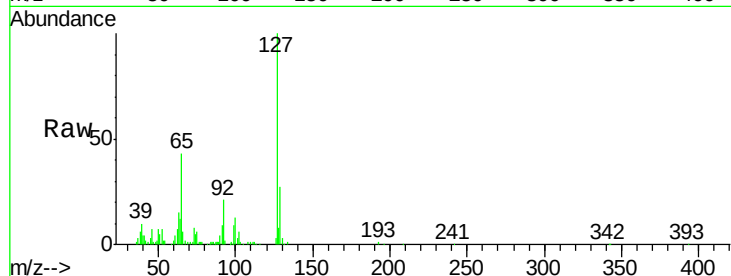




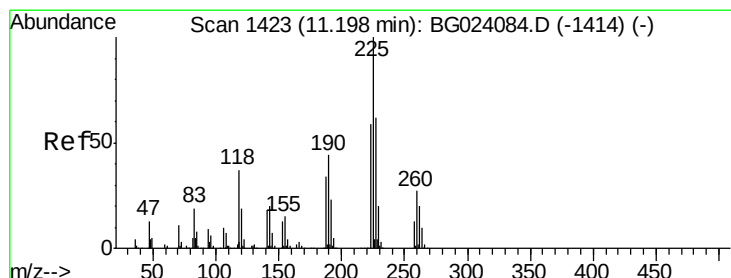
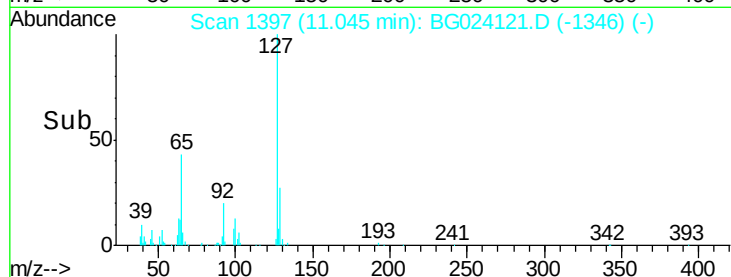
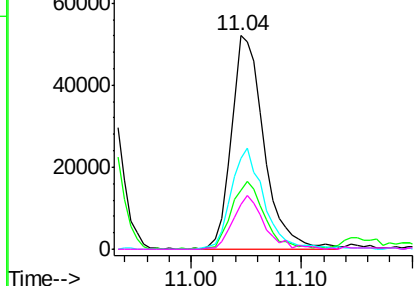
#33
4-Chloroaniline
Concen: 19.87 ng
RT: 11.04 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion:	127	Resp:	108033
Ion	Ratio	Lower	Upper
127	100		
129	27.4	27.9	41.9#
65	42.5	36.8	55.2
92	20.9	21.0	31.6#

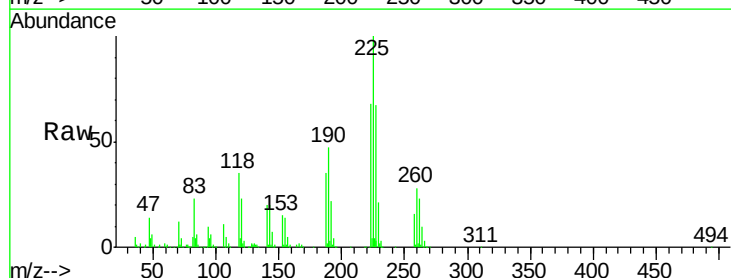


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

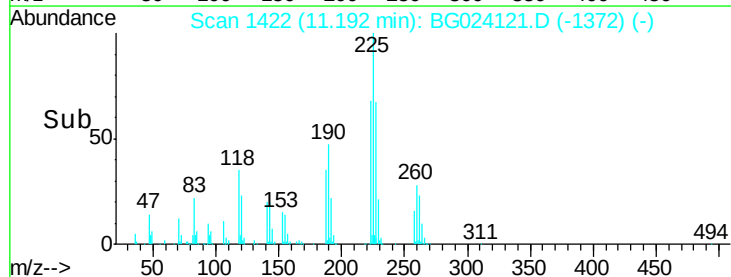
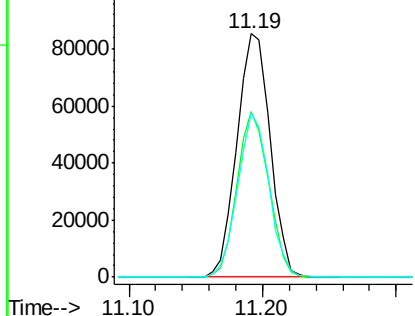


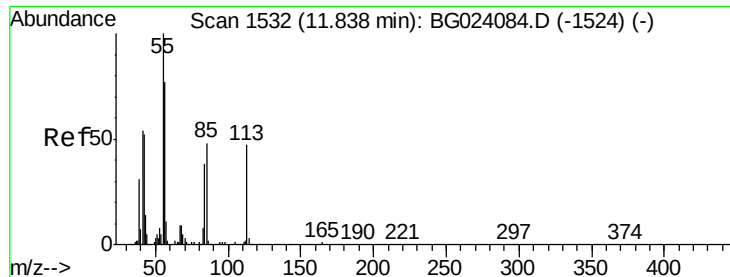
#34
Hexachlorobutadiene
Concen: 43.18 ng
RT: 11.19 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion:	225	Resp:	146929
Ion	Ratio	Lower	Upper
225	100		
223	68.1	49.6	74.4
227	67.2	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: 4.65 ng

RT: 11.84 min Scan# 1533

Delta R.T. 0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

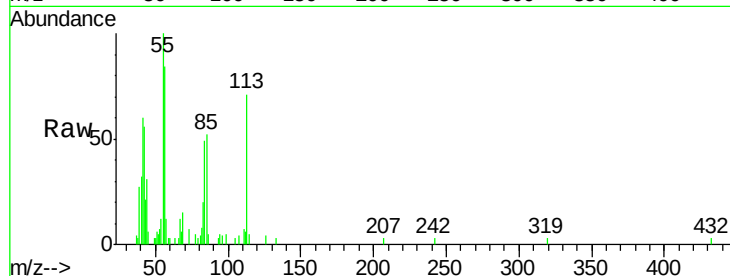
Tgt Ion:113 Resp: 7630

Ion Ratio Lower Upper

113 100

55 140.8 154.5 194.5#

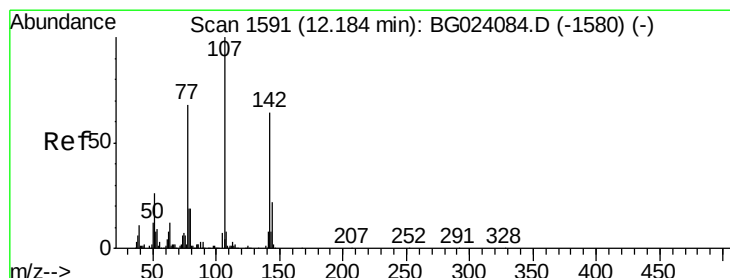
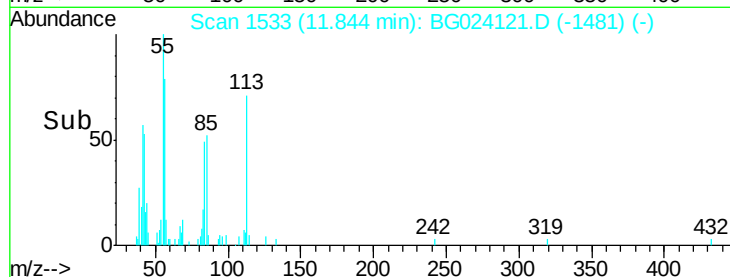
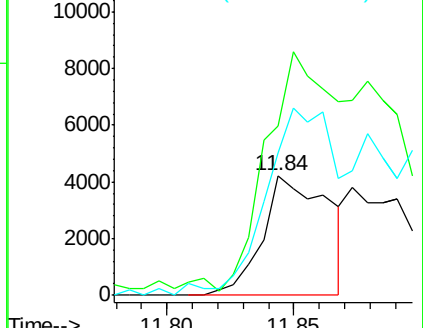
56 118.2 125.1 165.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.88 ng

RT: 12.18 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

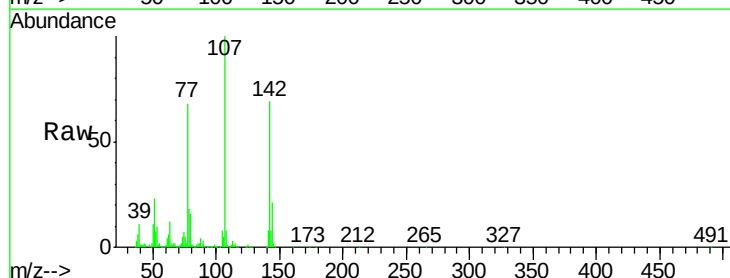
Tgt Ion:107 Resp: 272067

Ion Ratio Lower Upper

107 100

144 21.2 17.0 25.6

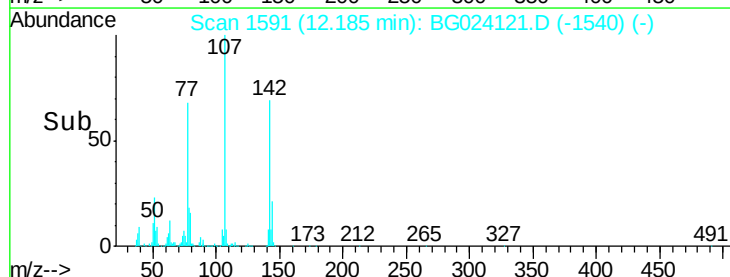
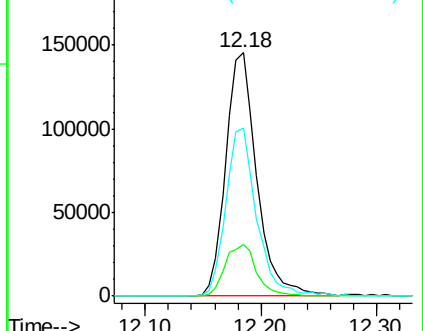
142 69.2 53.0 79.6

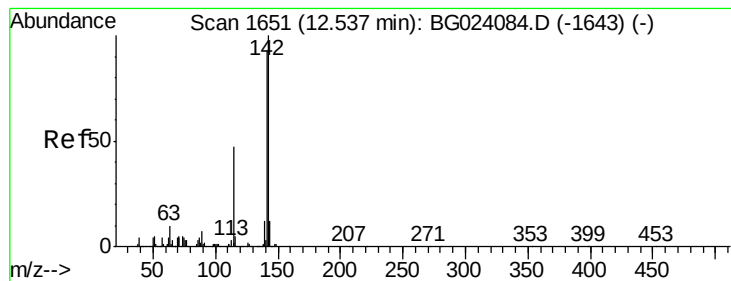


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 53.73 ng

RT: 12.53 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

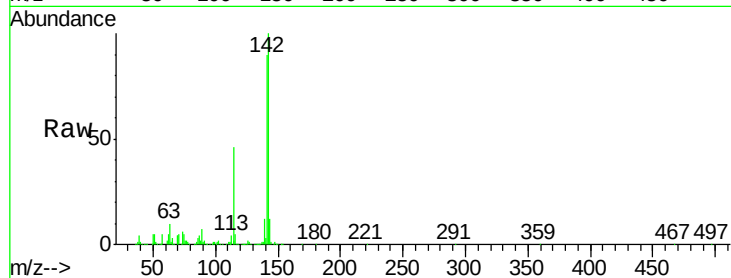
Tgt Ion:142 Resp: 501263

Ion Ratio Lower Upper

142 100

141 89.7 70.2 105.2

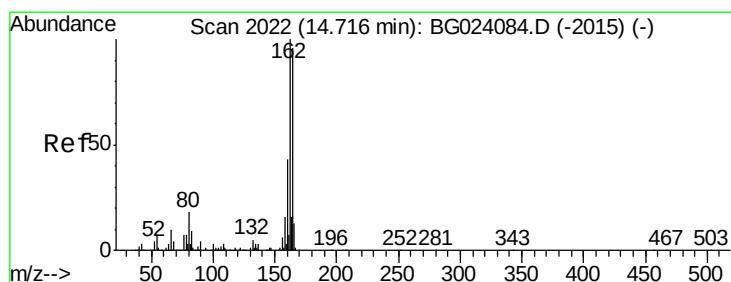
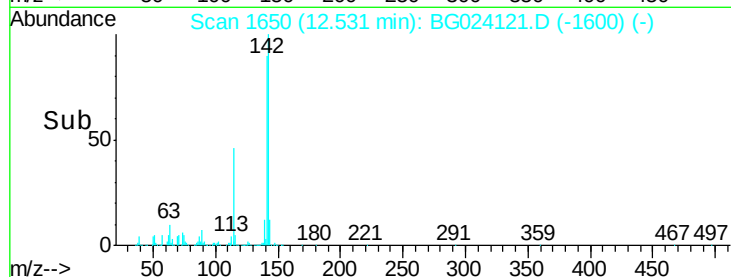
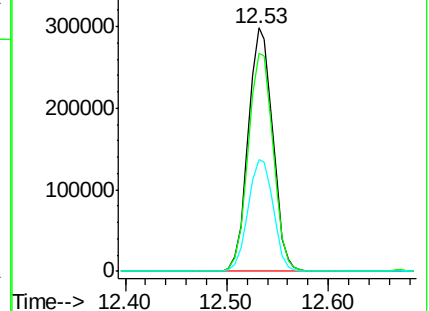
115 45.9 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

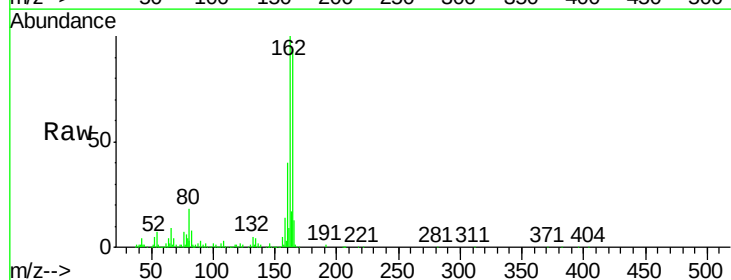
Tgt Ion:164 Resp: 199156

Ion Ratio Lower Upper

164 100

162 106.1 87.7 131.5

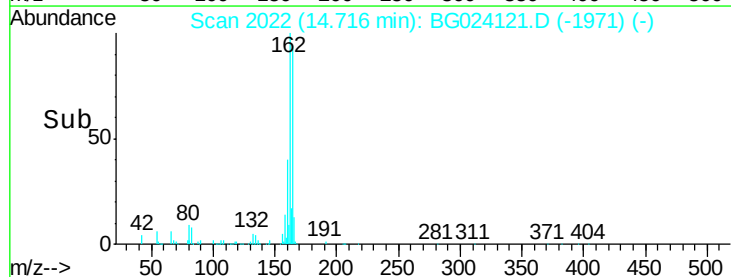
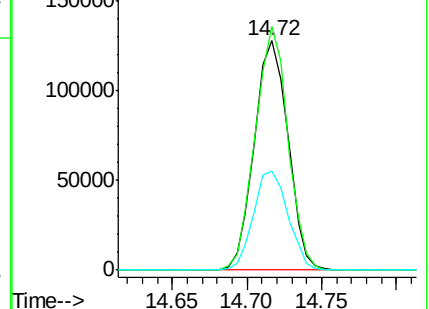
160 42.9 37.2 55.8

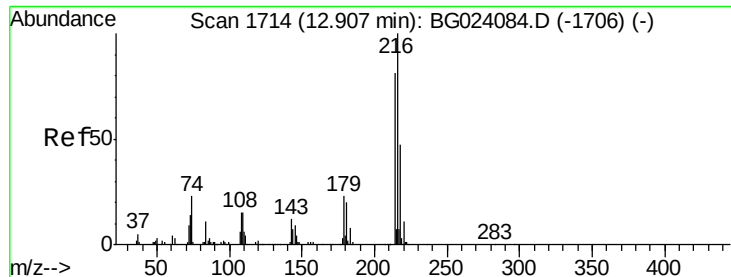


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

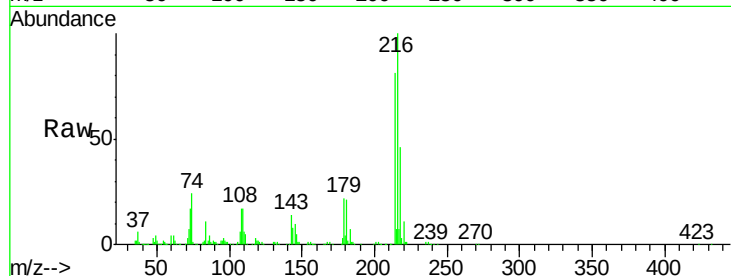




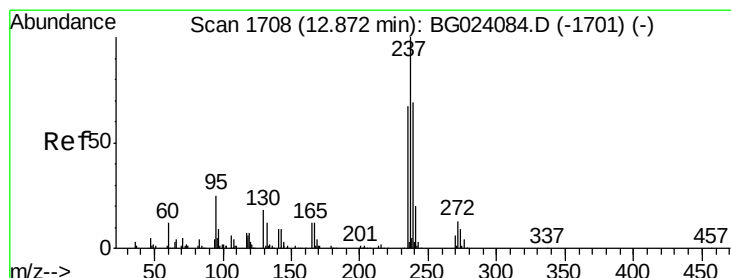
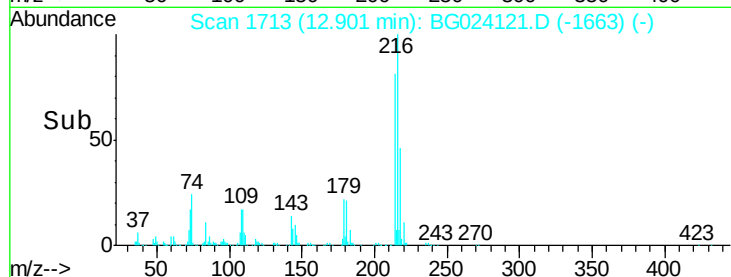
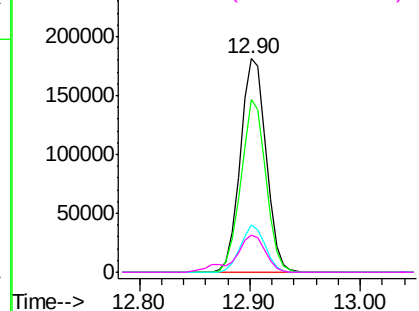
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.24 ng
 RT: 12.90 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion:	216	Resp:	297912
Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.9	94.3
179	21.2	17.2	25.8
108	20.8	16.3	24.5

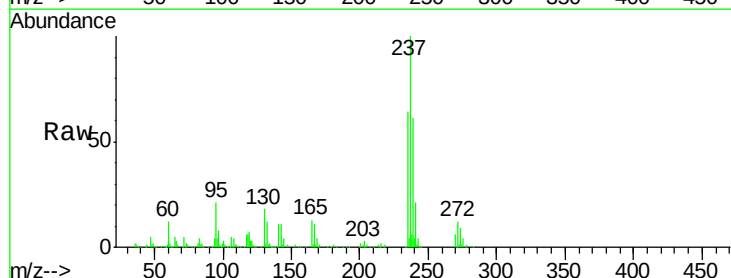


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

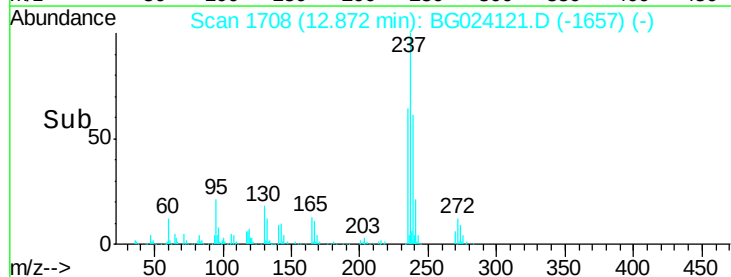
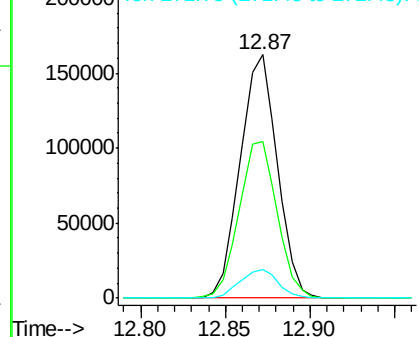


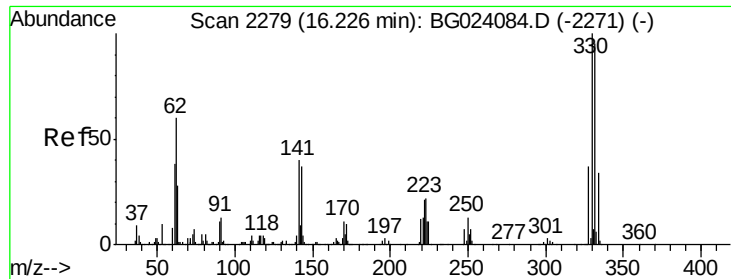
#40
 Hexachlorocyclopentadiene
 Concen: 86.91 ng
 RT: 12.87 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion:	237	Resp:	248802
Ion	Ratio	Lower	Upper
237	100		
235	64.5	43.1	83.1
272	11.7	0.0	30.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

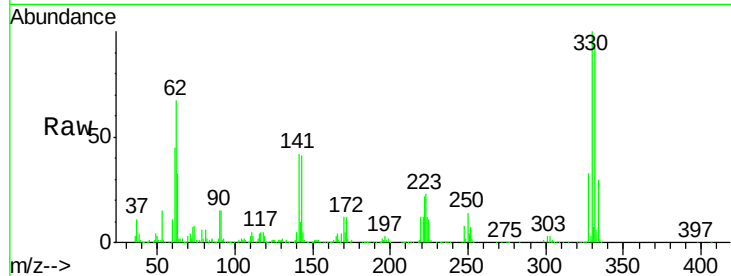




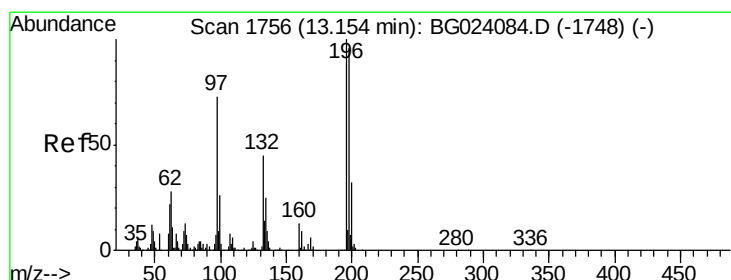
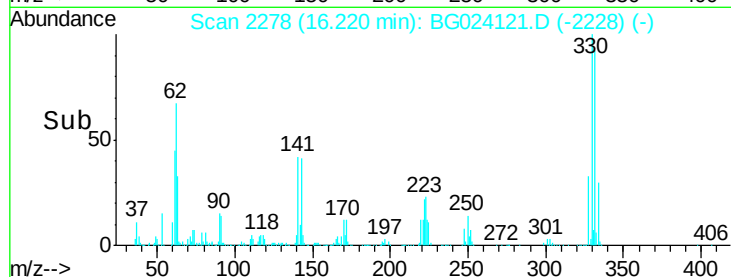
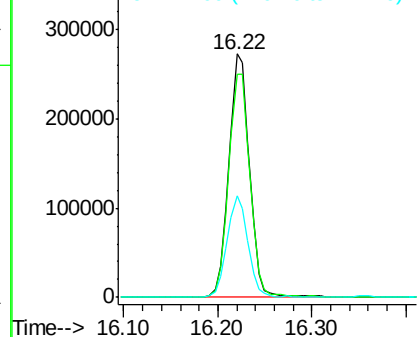
#41
 2,4,6-Tribromophenol
 Concen: 145.64 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion:330 Resp: 416932
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.2
 141 42.1 31.7 47.5

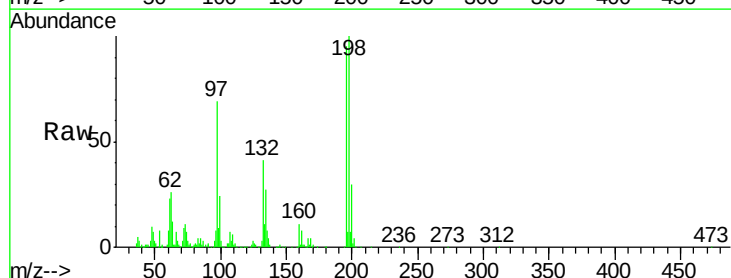


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

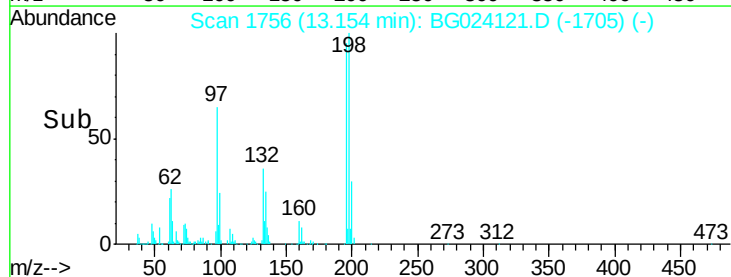
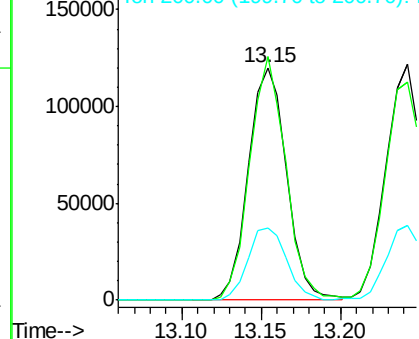


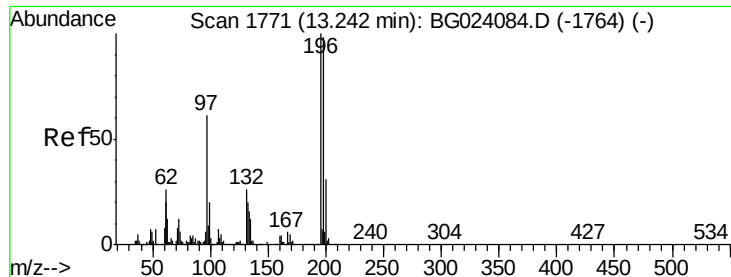
#42
 2,4,6-Trichlorophenol
 Concen: 53.51 ng
 RT: 13.15 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion:196 Resp: 201212
 Ion Ratio Lower Upper
 196 100
 198 104.7 78.2 117.2
 200 31.0 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

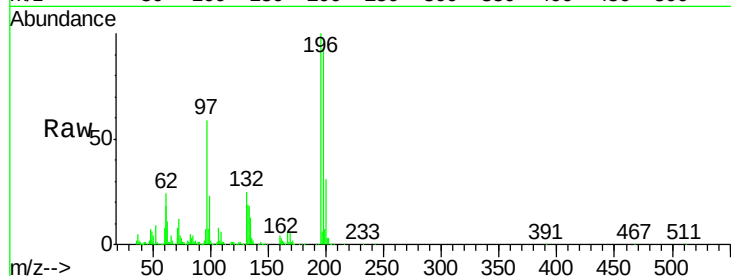




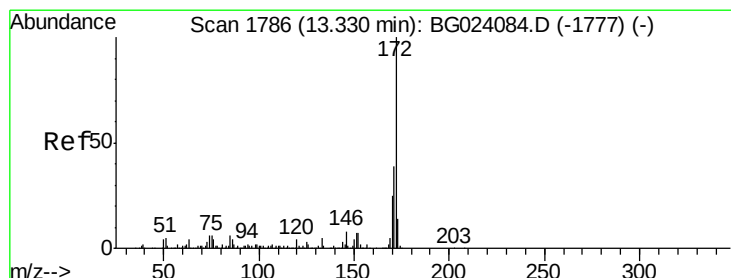
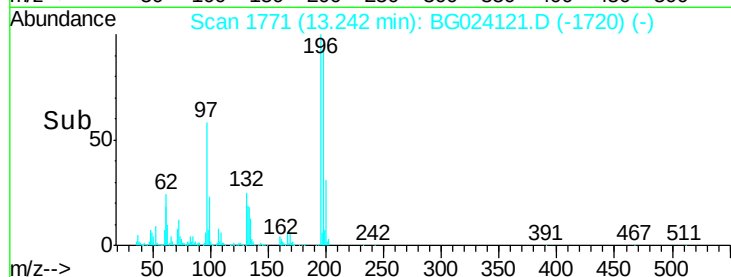
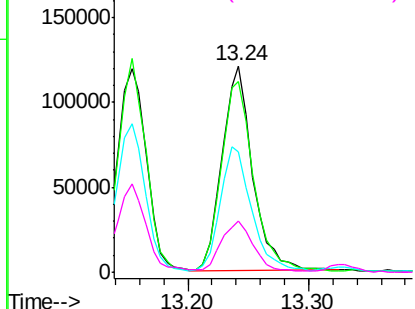
#43
 2,4,5-Trichlorophenol
 Concen: 54.49 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	85.7	128.5
97	58.6	45.5	68.3
132	24.9	18.9	28.3

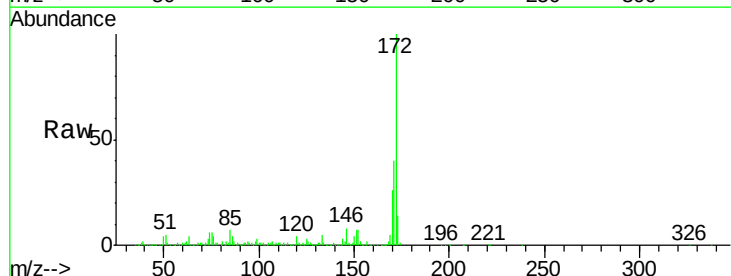


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

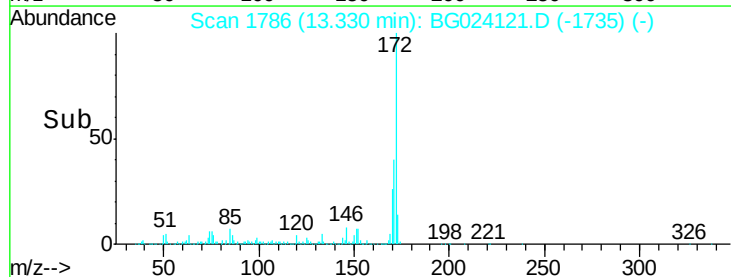
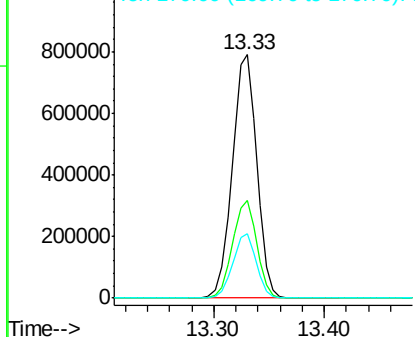


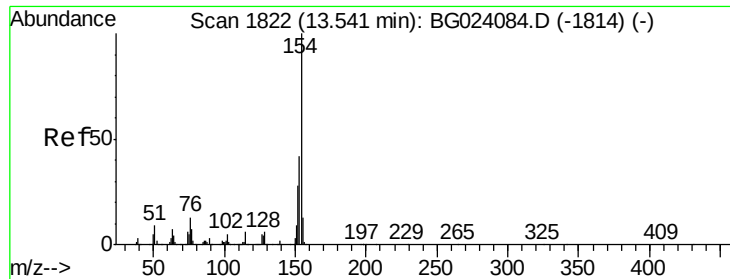
#44
 2-Fluorobiphenyl
 Concen: 103.64 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	31.6	47.4
170	26.4	21.3	31.9



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

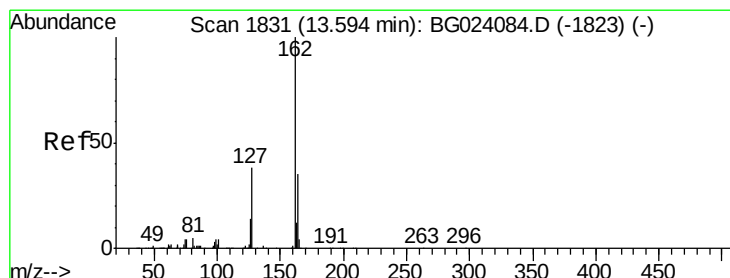
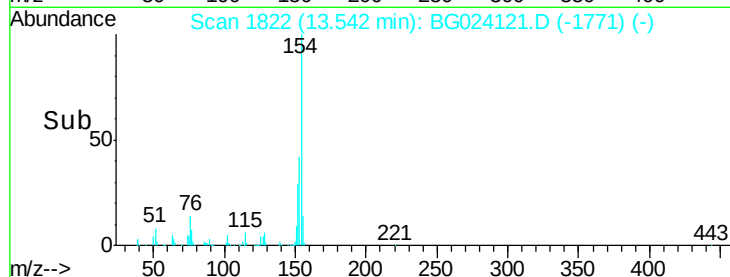
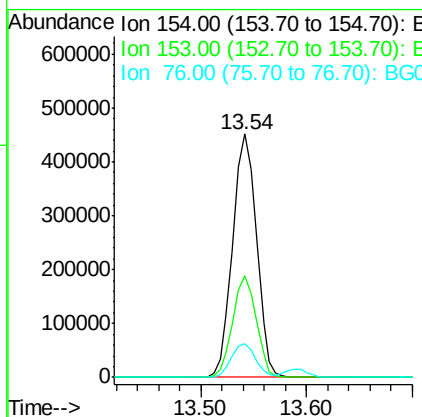
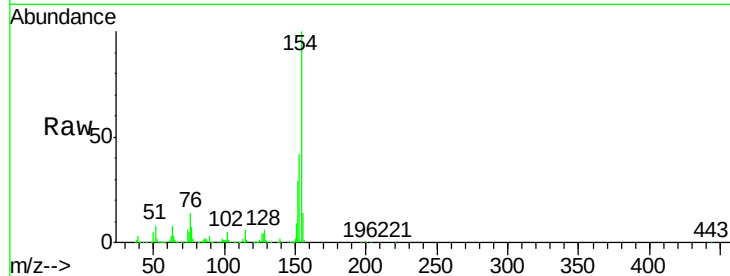




#45
 1,1'-Biphenyl
 Concen: 51.60 ng
 RT: 13.54 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

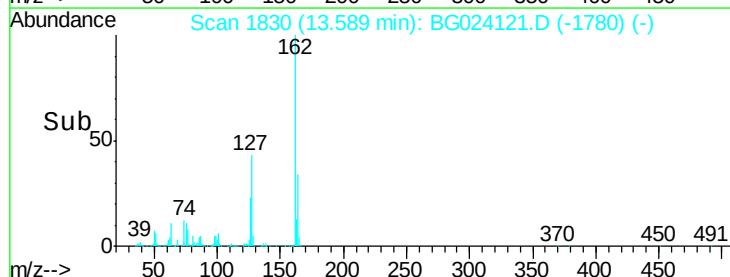
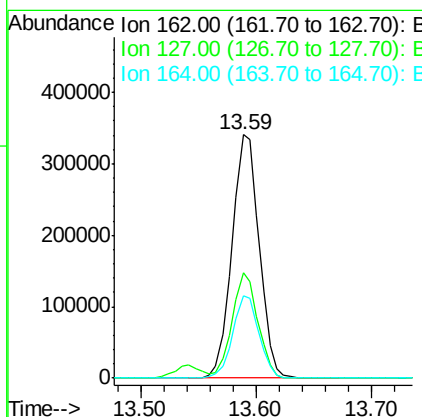
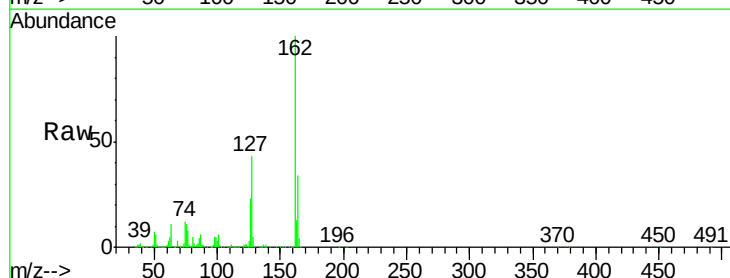
Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

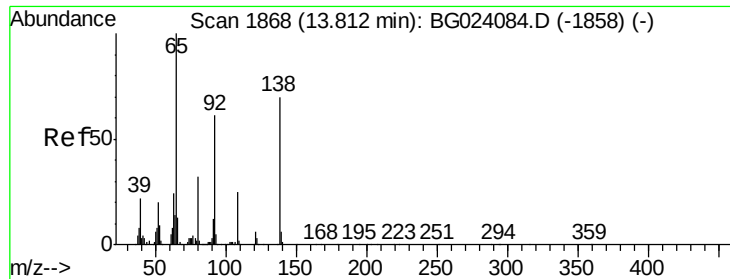
Tgt Ion:	154	Resp:	702697
Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.2	60.2
76	13.9	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 54.39 ng
 RT: 13.59 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion:	162	Resp:	553054
Ion	Ratio	Lower	Upper
162	100		
127	43.4	32.4	48.6
164	33.8	25.2	37.8

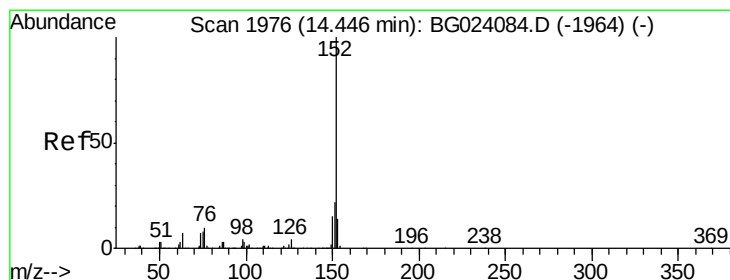
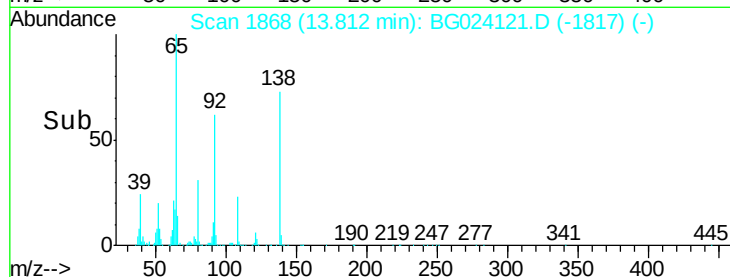
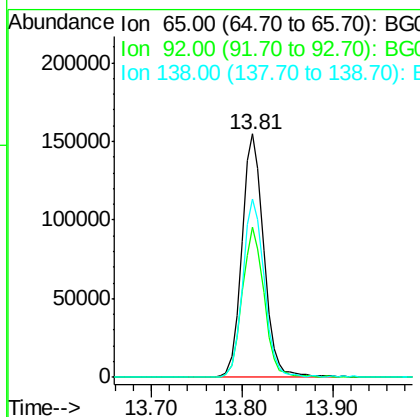
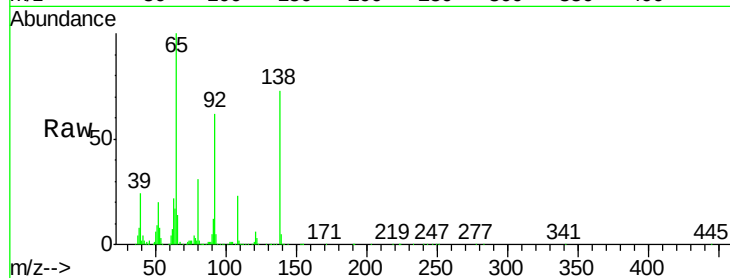




#47
2-Nitroaniline
Concen: 54.90 ng
RT: 13.81 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

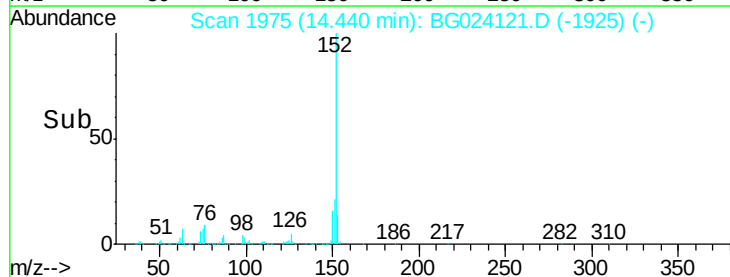
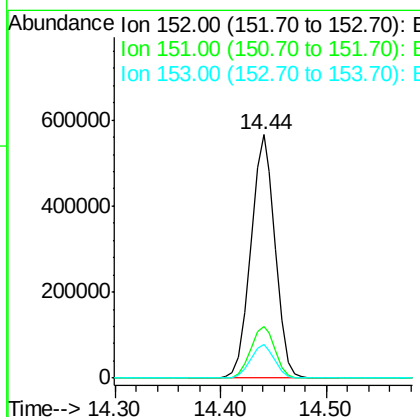
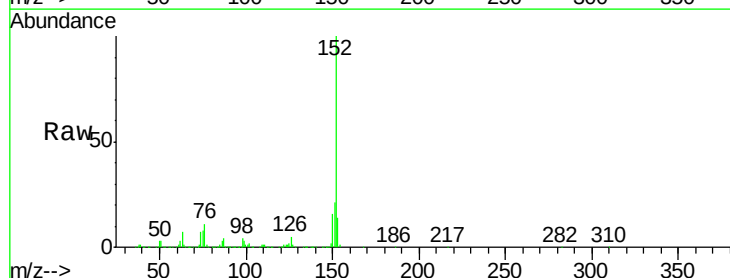
Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

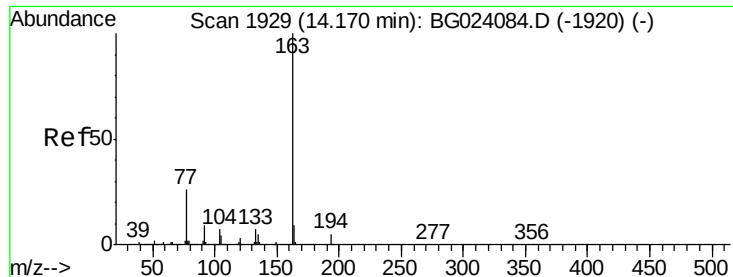
Tgt Ion: 65 Resp: 259741
Ion Ratio Lower Upper
65 100
92 61.7 49.4 74.0
138 73.1 58.0 87.0



#48
Acenaphthylene
Concen: 52.22 ng
RT: 14.44 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion: 152 Resp: 901508
Ion Ratio Lower Upper
152 100
151 21.2 17.6 26.4
153 13.9 11.4 17.2





#49

Dimethylphthalate

Concen: 53.66 ng

RT: 14.17 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

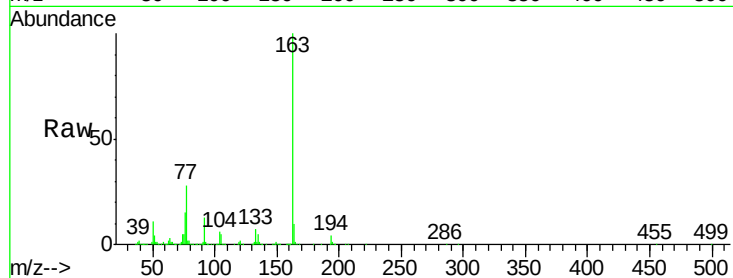
Tgt Ion:163 Resp: 819849

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

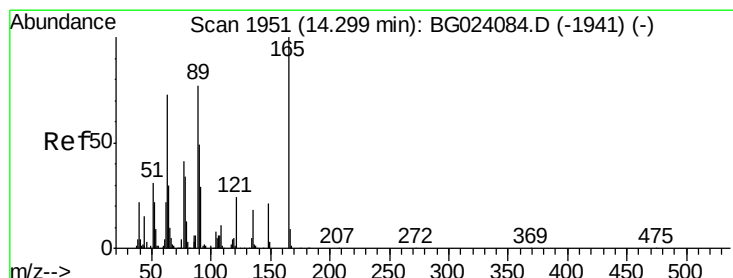
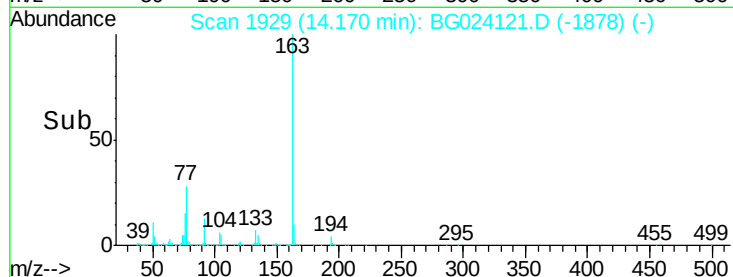
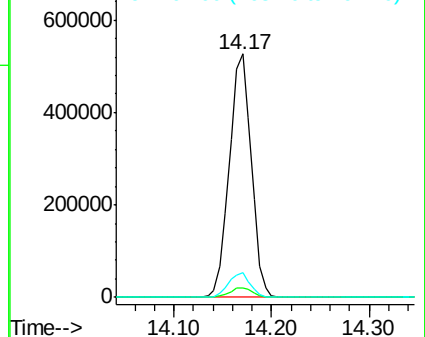
164 10.4 8.1 12.1



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: 55.96 ng

RT: 14.30 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

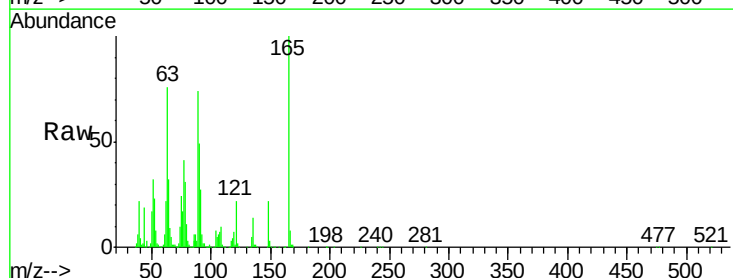
Tgt Ion:165 Resp: 179592

Ion Ratio Lower Upper

165 100

63 76.0 64.3 96.5

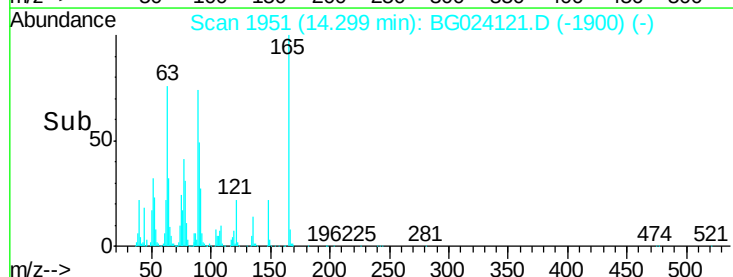
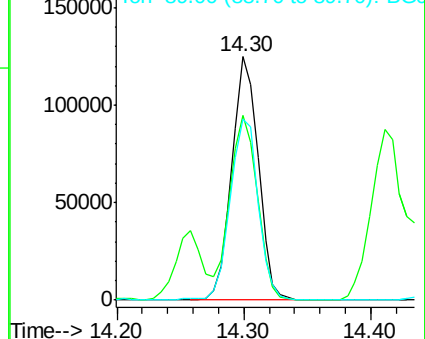
89 74.5 64.3 96.5

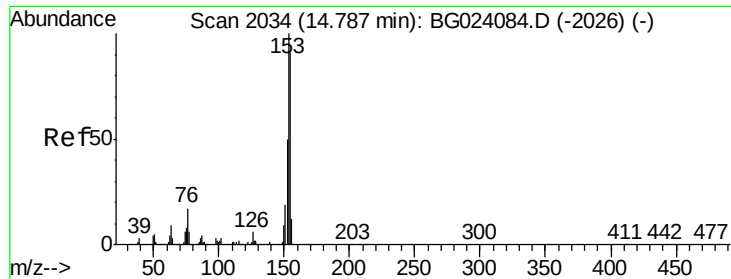


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 54.45 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

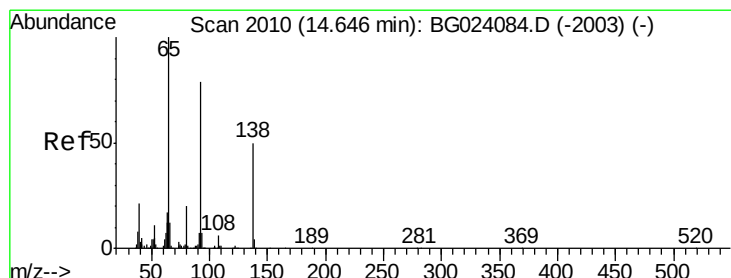
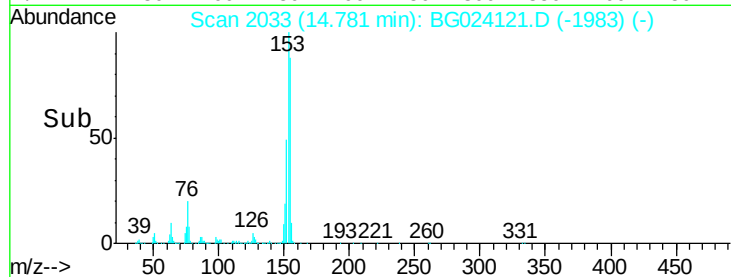
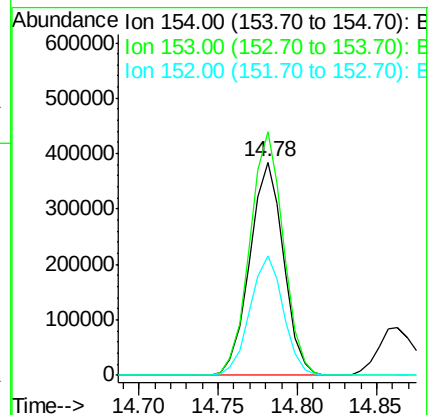
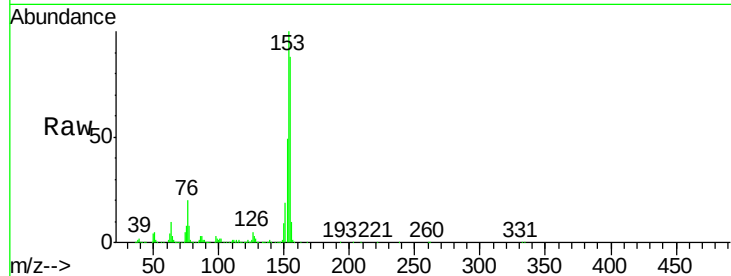
Tgt Ion:154 Resp: 570076

Ion Ratio Lower Upper

154 100

153 114.1 87.5 131.3

152 56.0 42.7 64.1



#52

3-Nitroaniline

Concen: 27.84 ng

RT: 14.65 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

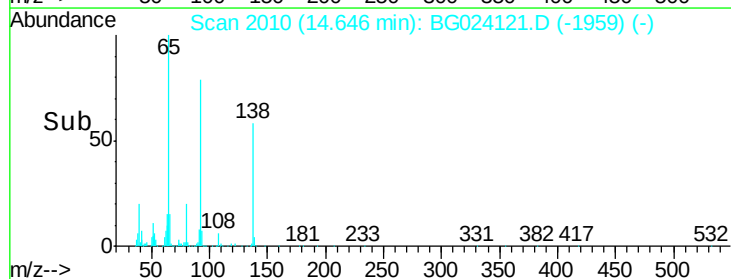
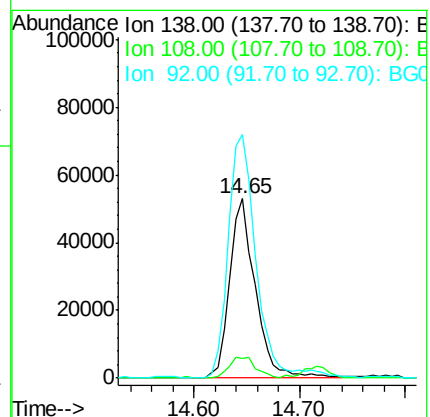
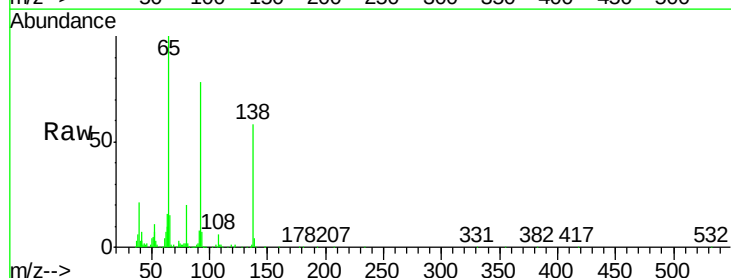
Tgt Ion:138 Resp: 89243

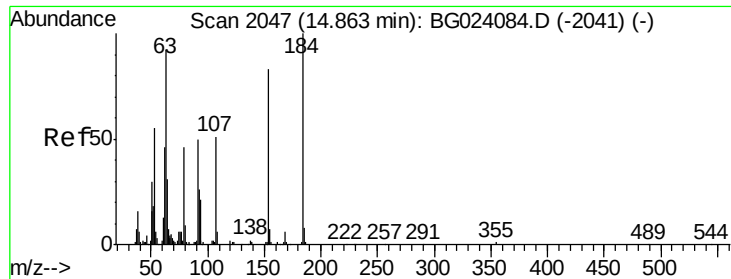
Ion Ratio Lower Upper

138 100

108 11.0 11.7 17.5#

92 135.9 129.7 194.5

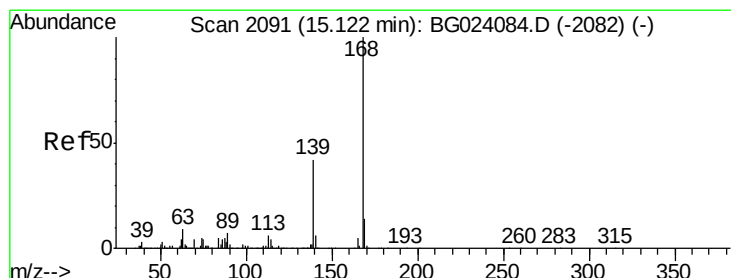
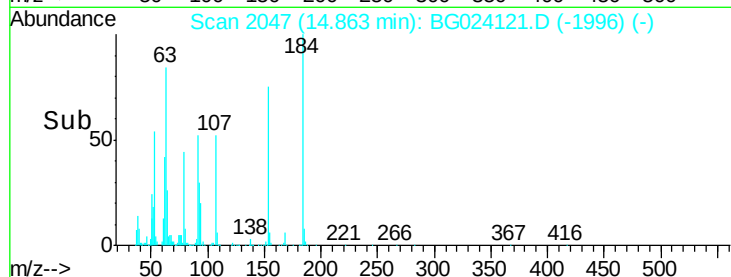
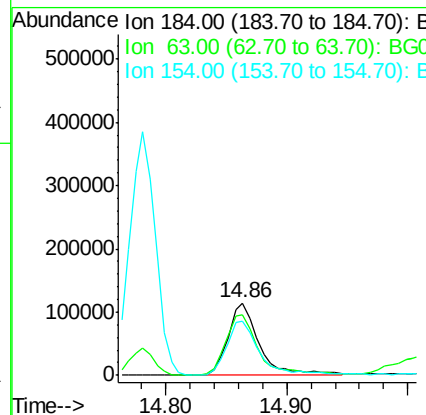
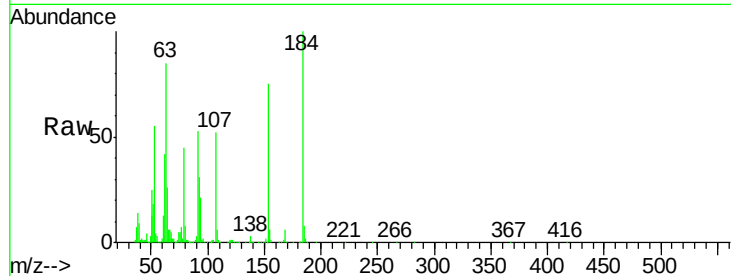




#53
2,4-Dinitrophenol
Concen: 85.41 ng
RT: 14.86 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

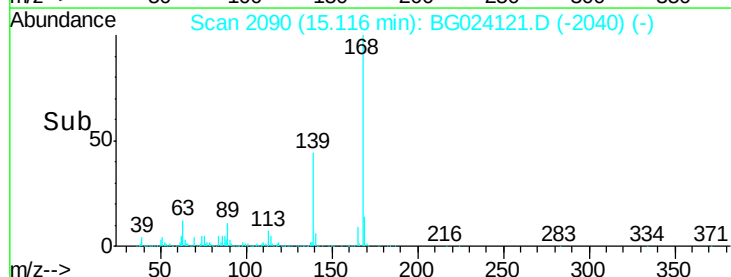
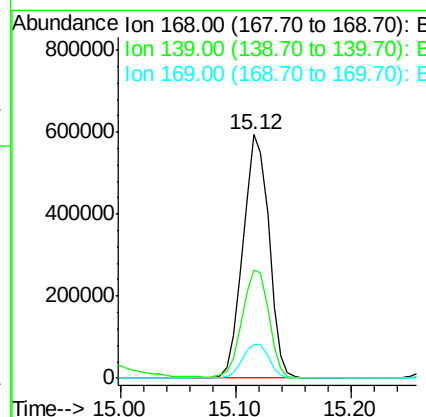
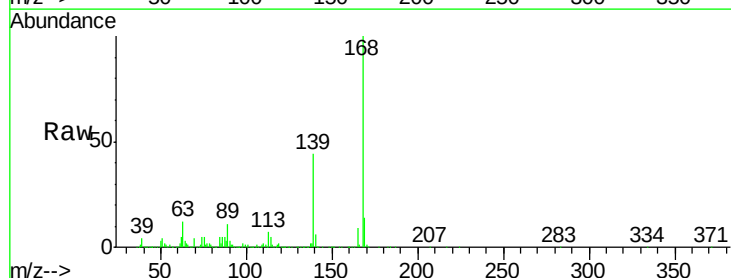
Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

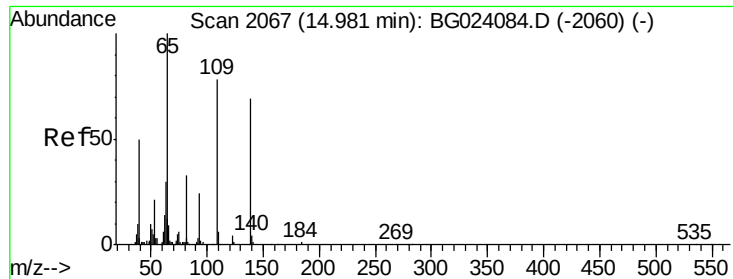
Tgt Ion:184 Resp: 205492
Ion Ratio Lower Upper
184 100
63 84.5 59.6 89.4
154 74.8 67.4 101.0



#54
Dibenzofuran
Concen: 56.65 ng
RT: 15.12 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion:168 Resp: 923483
Ion Ratio Lower Upper
168 100
139 44.1 36.4 54.6
169 14.1 11.9 17.9

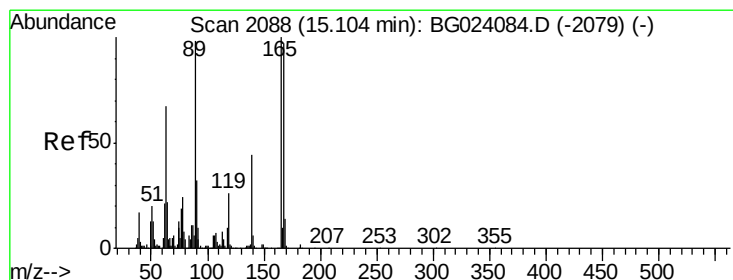
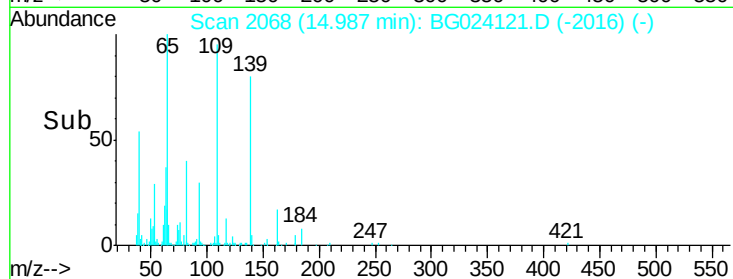
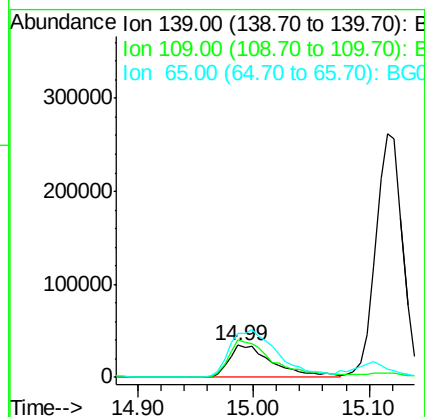
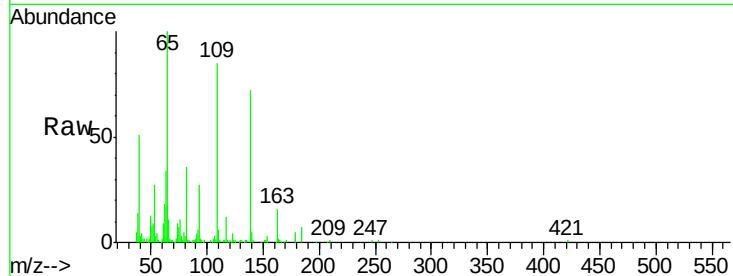




#55
4-Nitrophenol
Concen: 39.25 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

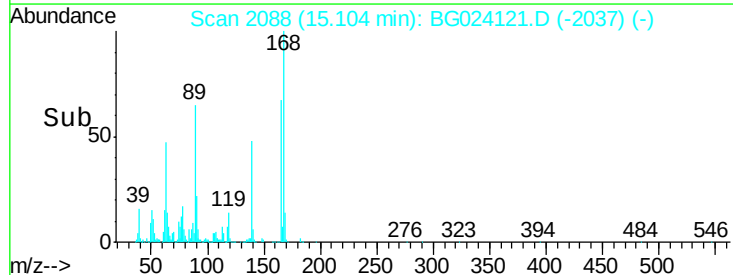
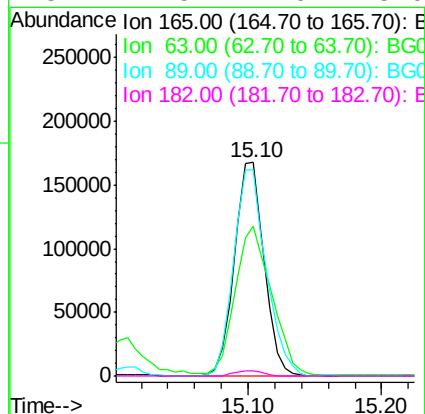
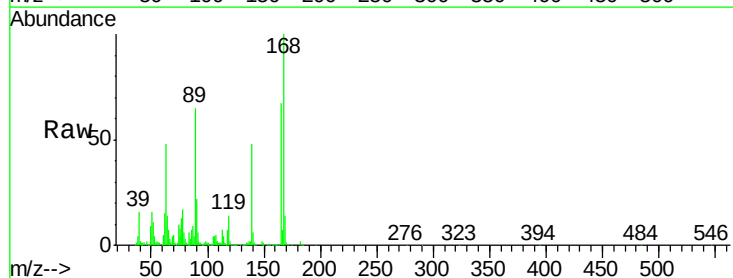
Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

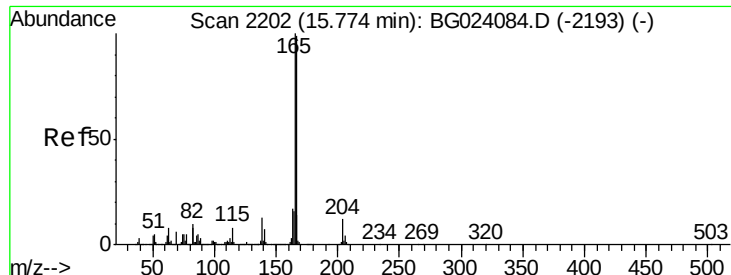
Tgt Ion:139 Resp: 92476
Ion Ratio Lower Upper
139 100
109 118.0 103.0 143.0
65 138.6 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 53.18 ng
RT: 15.10 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion:165 Resp: 259686
Ion Ratio Lower Upper
165 100
63 70.4 45.8 68.6#
89 96.5 68.6 102.8
182 2.5 2.0 3.0

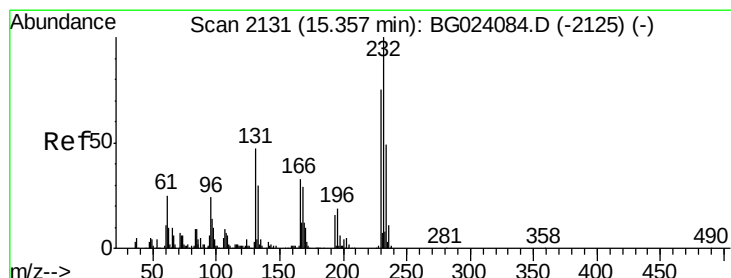
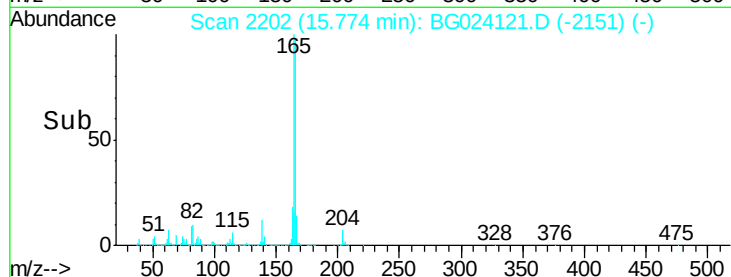
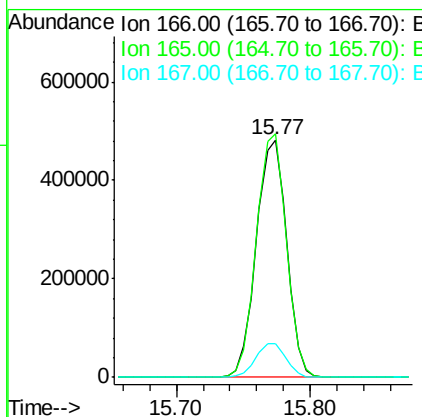
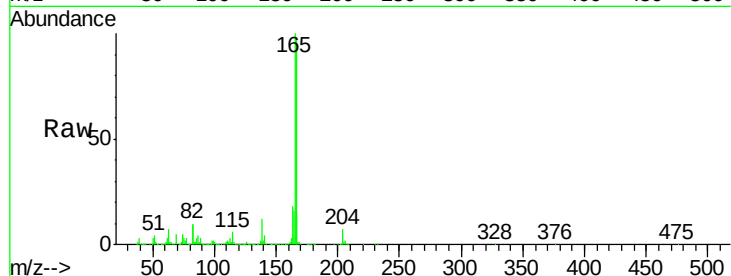




#57
Fluorene
 Concen: 53.32 ng
 RT: 15.77 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

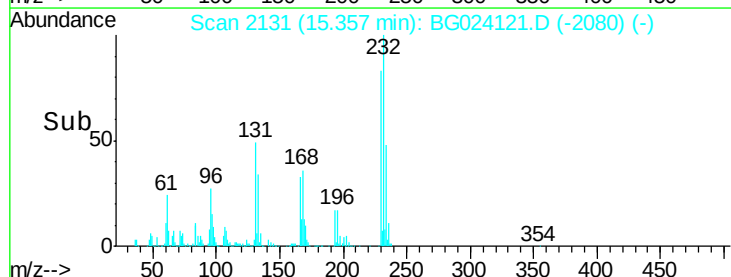
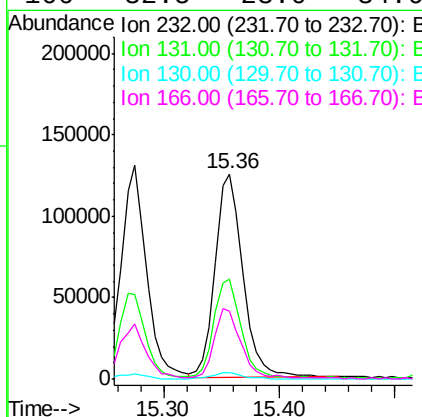
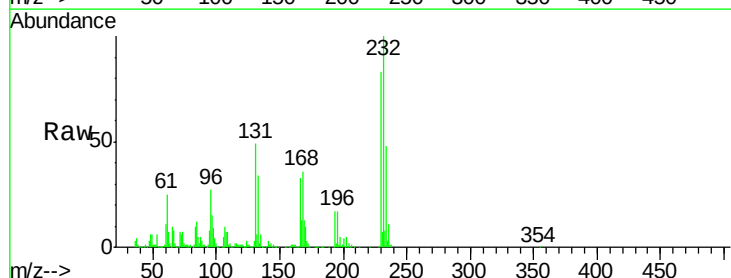
Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

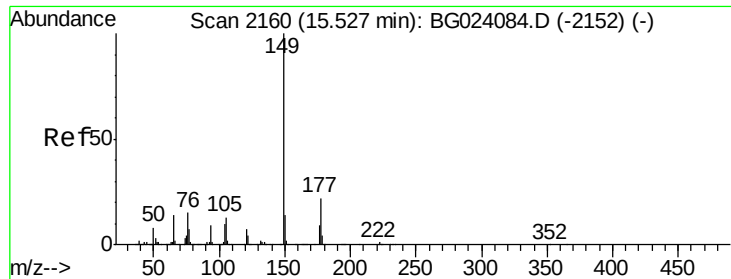
Tgt Ion:	166	Resp:	756505
Ion	Ratio	Lower	Upper
166	100		
165	102.5	81.0	121.6
167	14.2	12.0	18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 56.26 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion:	232	Resp:	210233
Ion	Ratio	Lower	Upper
232	100		
131	47.0	32.7	49.1
130	3.6	2.6	3.8
166	32.5	23.0	34.6

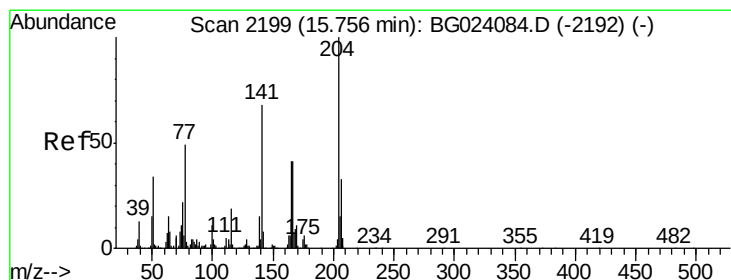
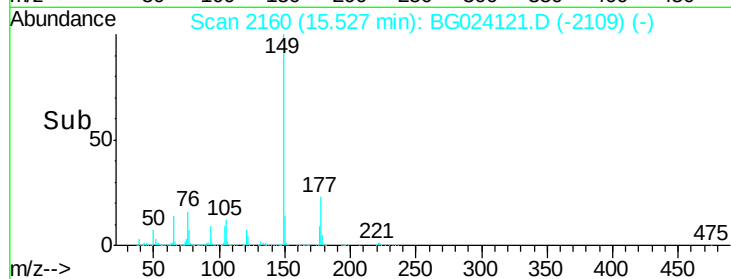
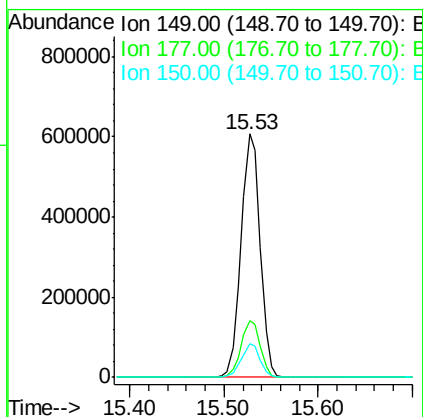
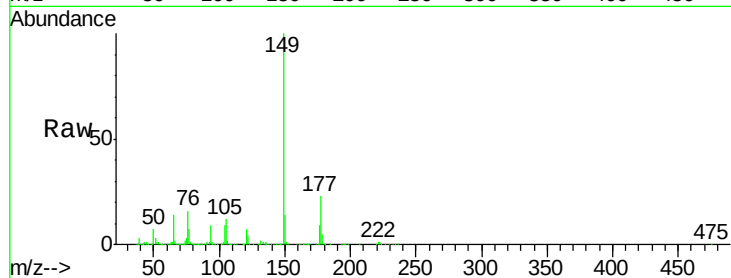




#59
Diethylphthalate
Concen: 51.86 ng
RT: 15.53 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

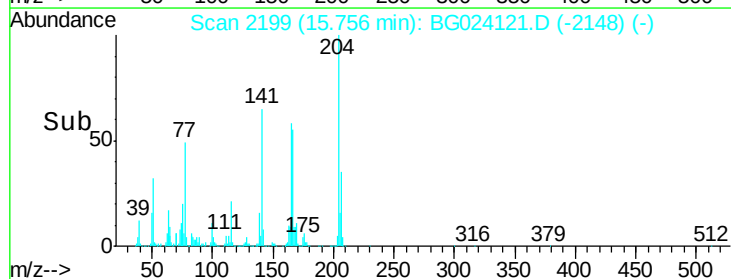
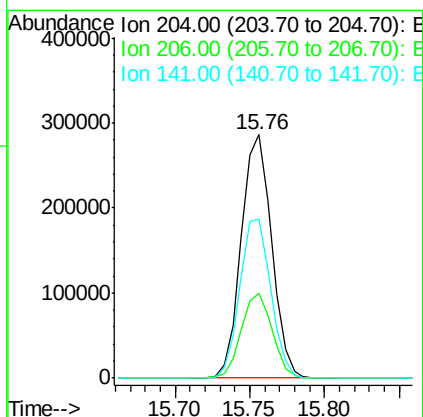
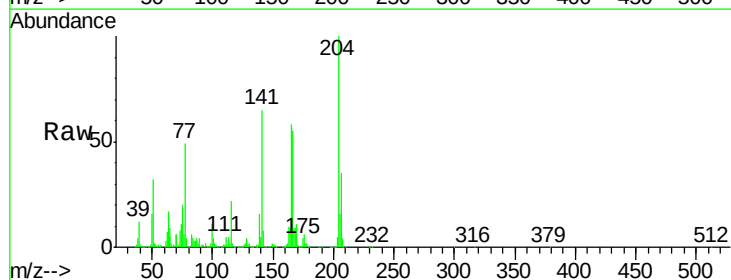
Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

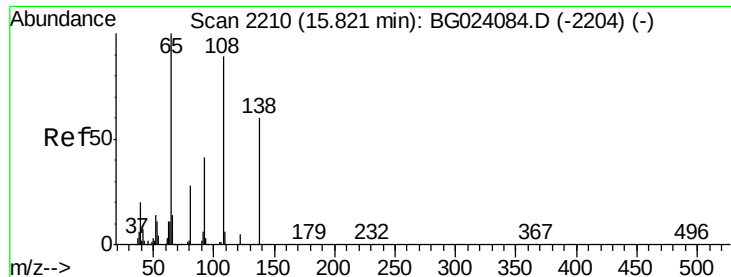
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.2	28.8
150	13.8	10.6	16.0



#60
4-Chlorophenyl-phenylether
Concen: 53.17 ng
RT: 15.76 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	28.5	42.7
141	65.5	51.4	77.0

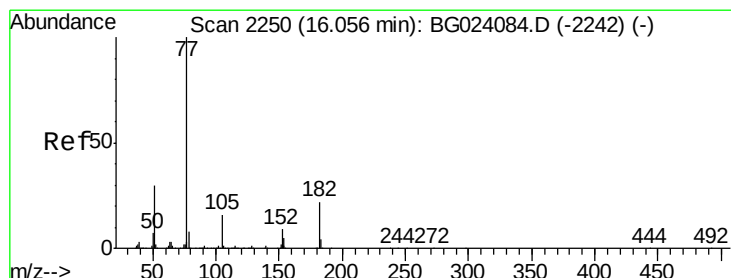
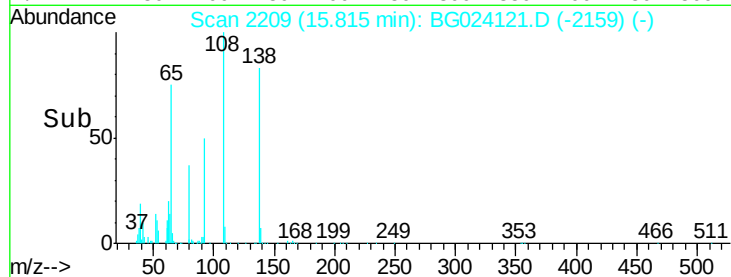
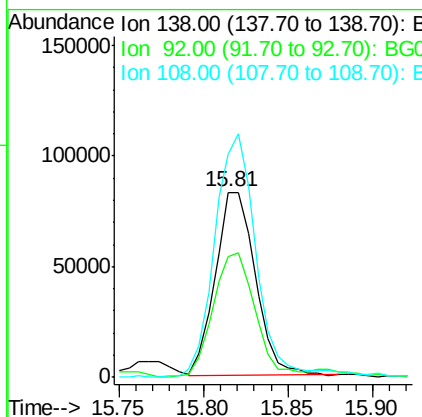
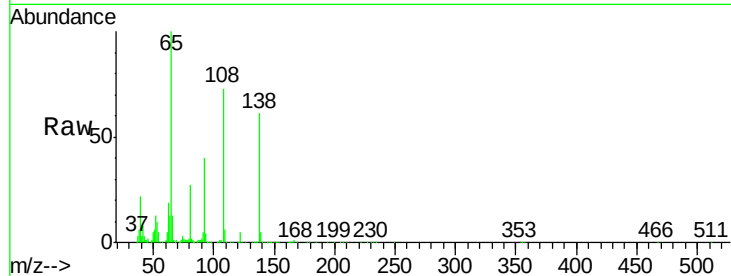




#61
4-Nitroaniline
Concen: 41.50 ng
RT: 15.81 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

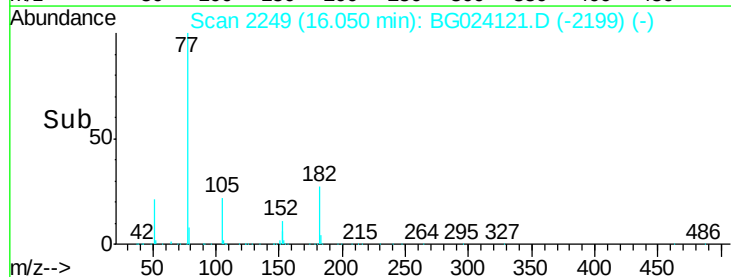
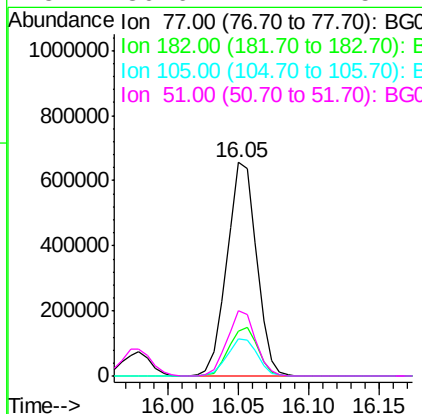
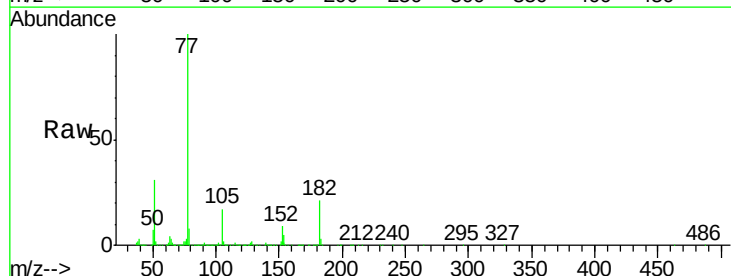
Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

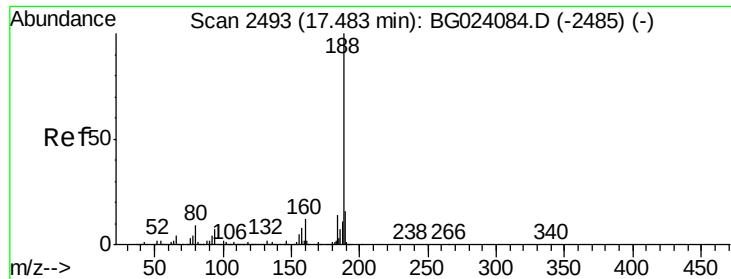
Tgt Ion: 138 Resp: 137793
Ion Ratio Lower Upper
138 100
92 65.5 54.1 94.1
108 120.3 133.9 173.9#



#62
Azobenzene
Concen: 57.11 ng
RT: 16.05 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion: 77 Resp: 954758
Ion Ratio Lower Upper
77 100
182 21.0 3.5 43.5
105 17.5 0.0 38.5
51 30.6 17.1 57.1

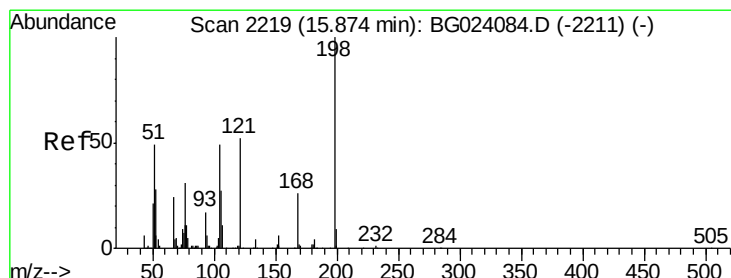
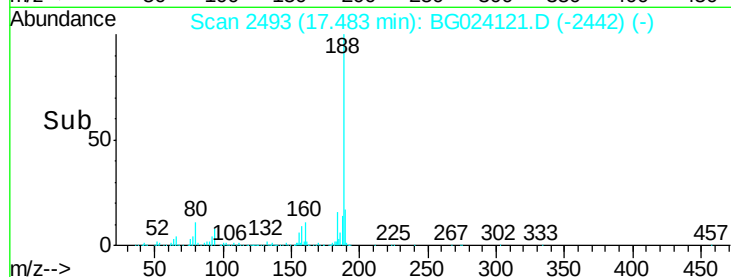
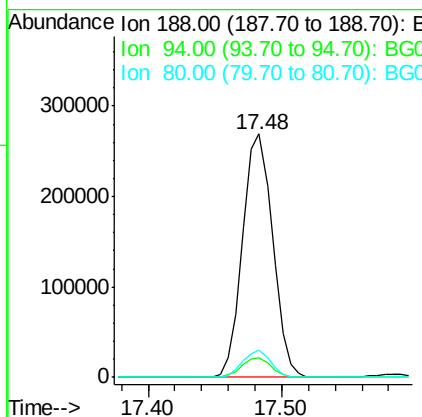
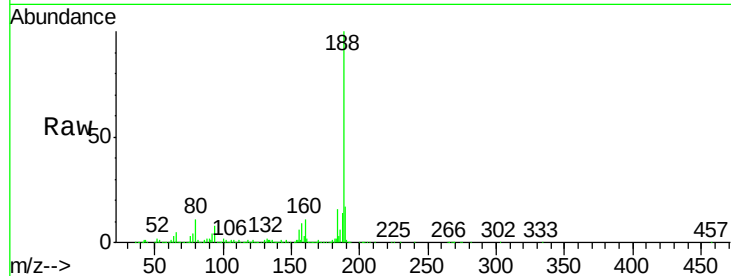




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.48 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

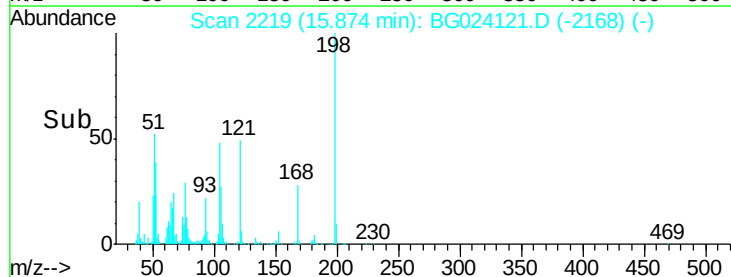
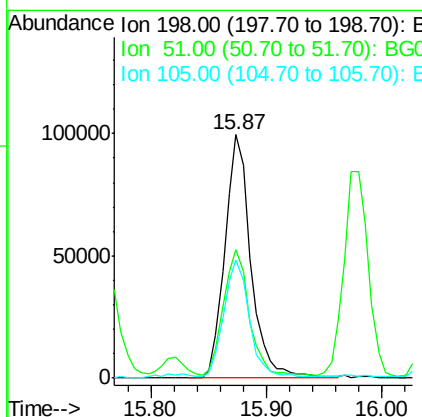
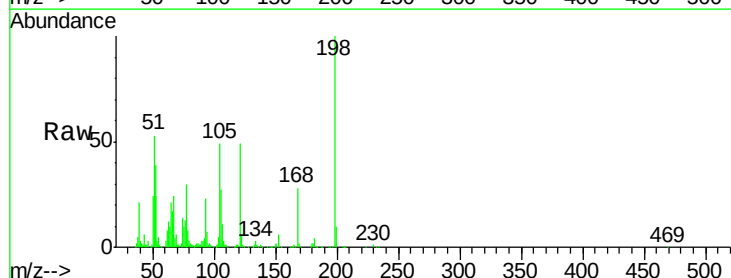
Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

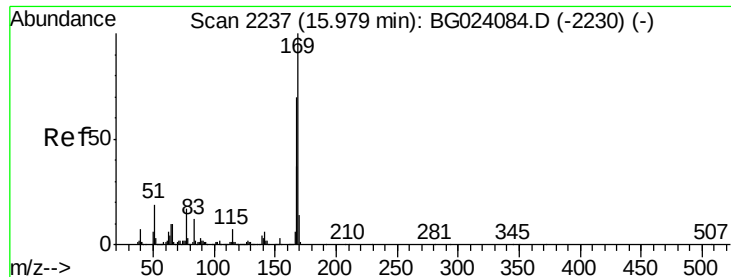
Tgt Ion:188 Resp: 419093
 Ion Ratio Lower Upper
 188 100
 94 7.8 5.2 7.8#
 80 11.3 7.2 10.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 53.34 ng
 RT: 15.87 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion:198 Resp: 155228
 Ion Ratio Lower Upper
 198 100
 51 52.6 26.0 66.0
 105 48.6 20.1 60.1

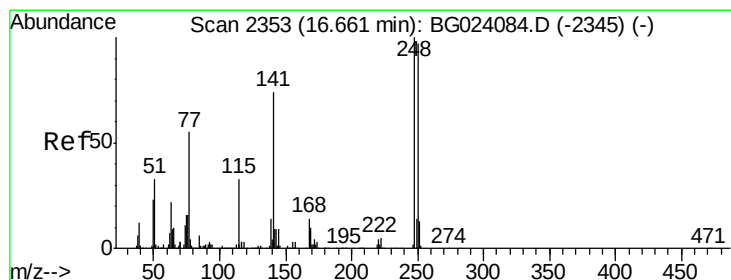
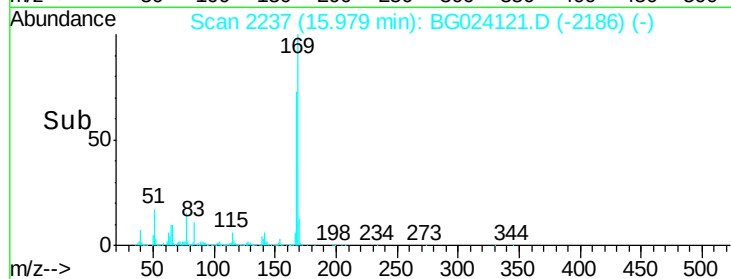
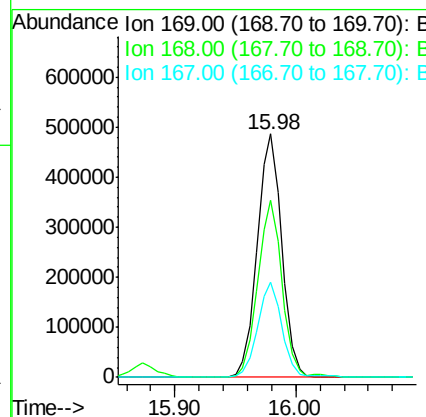
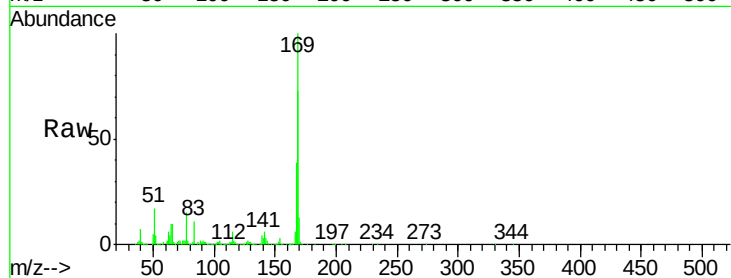




#65
 n-Nitrosodiphenylamine
 Concen: 59.86 ng
 RT: 15.98 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

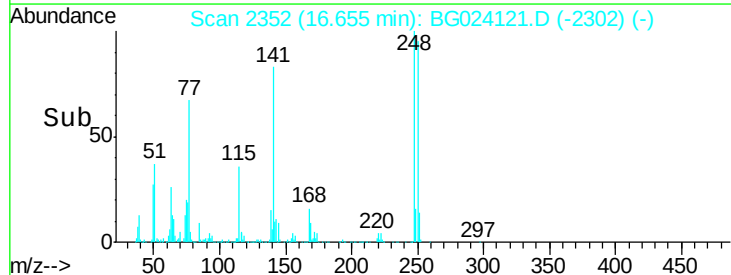
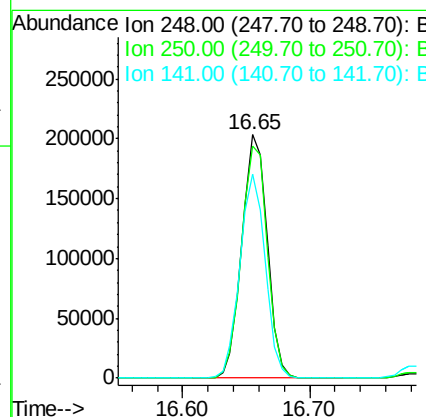
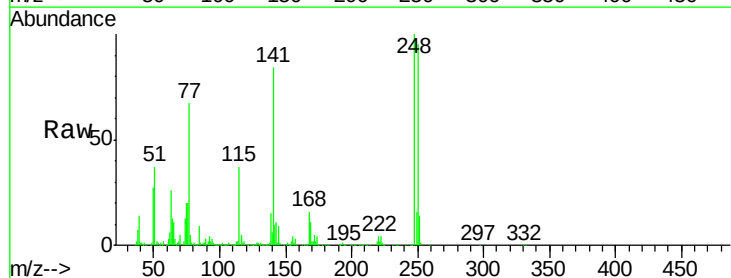
Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

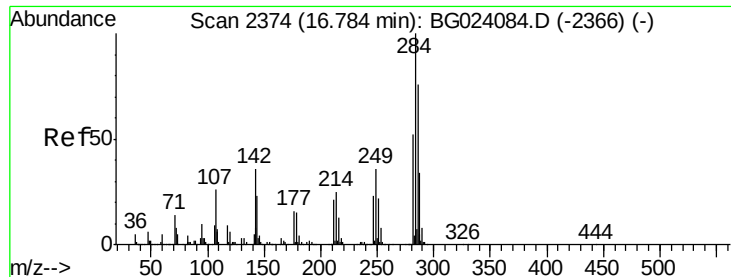
Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.8	55.0	82.4
167	38.8	27.4	41.0



#66
 4-Bromophenyl-phenylether
 Concen: 57.83 ng
 RT: 16.65 min Scan# 2352
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.2	77.8	116.8
141	83.8	65.7	98.5





#67

Hexachlorobenzene

Concen: 53.41 ng

RT: 16.78 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

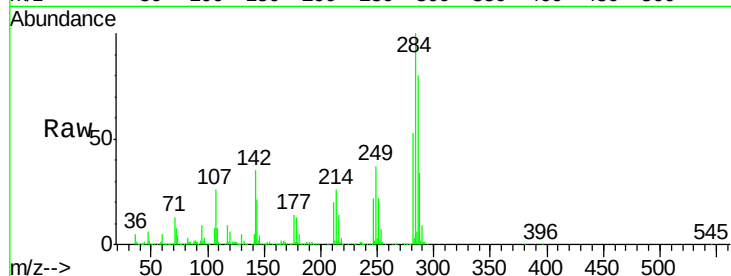
Tgt Ion:284 Resp: 292532

Ion Ratio Lower Upper

284 100

142 35.2 26.8 40.2

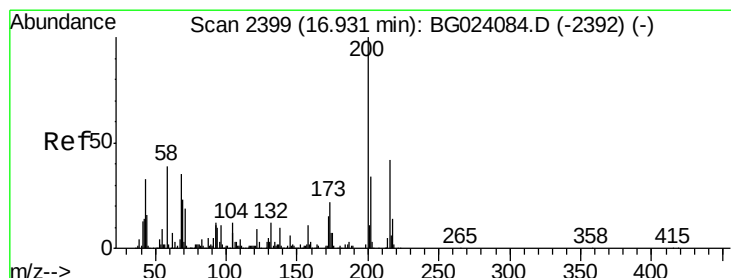
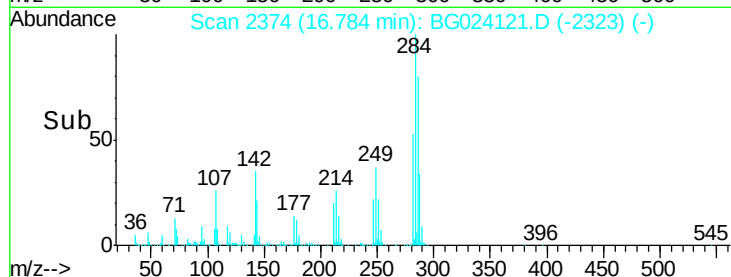
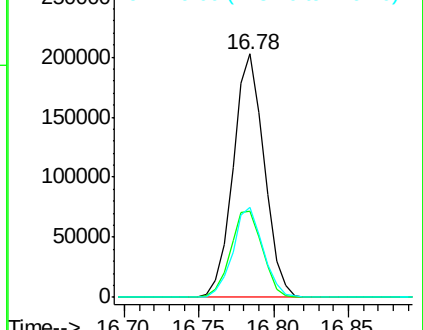
249 37.1 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 55.38 ng

RT: 16.93 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

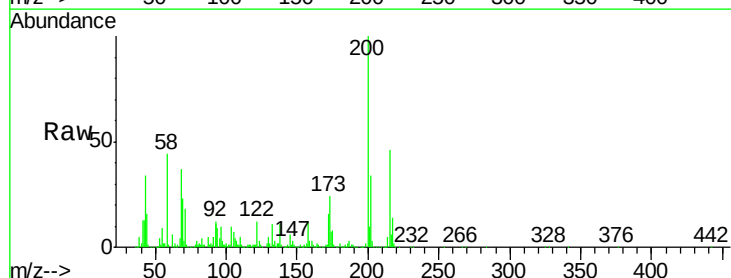
Tgt Ion:200 Resp: 280276

Ion Ratio Lower Upper

200 100

173 24.4 1.6 41.6

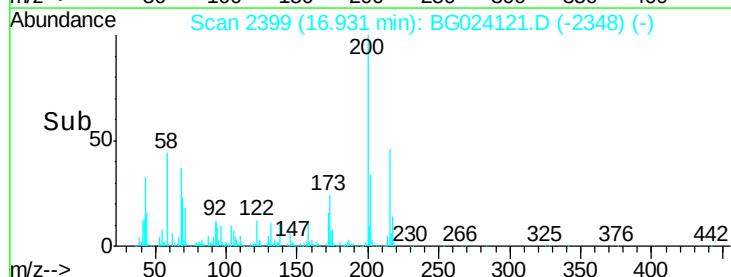
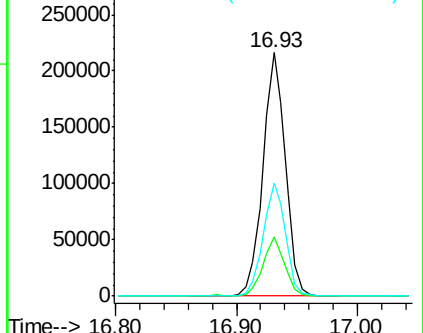
215 46.4 28.7 68.7

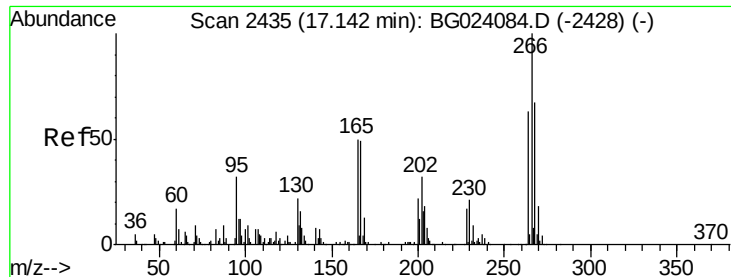


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

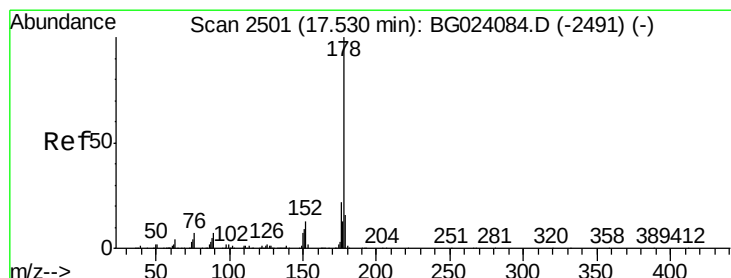
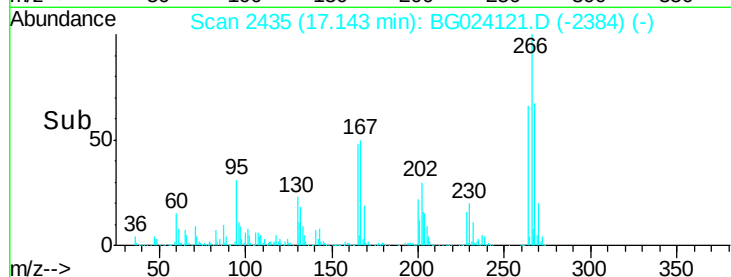
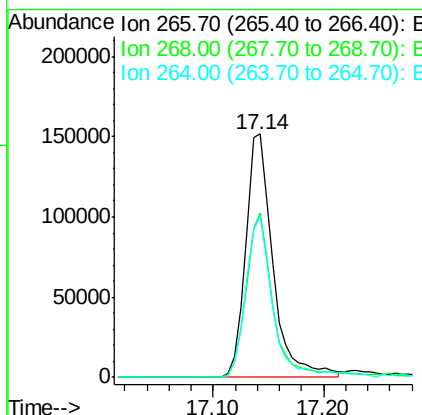
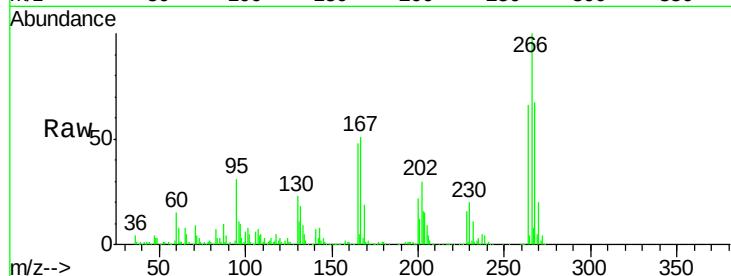




#69
 Pentachlorophenol
 Concen: 91.99 ng
 RT: 17.14 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

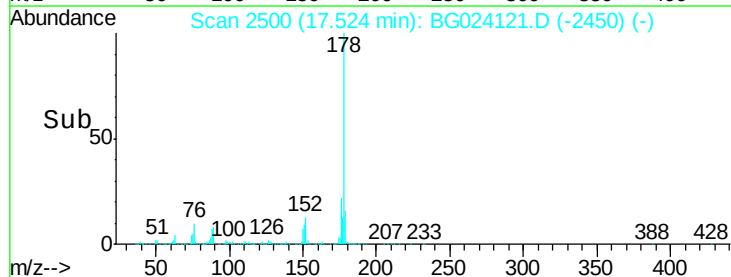
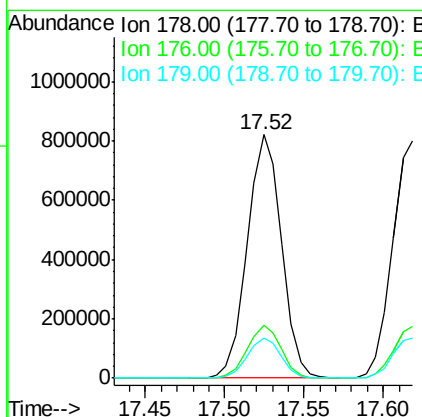
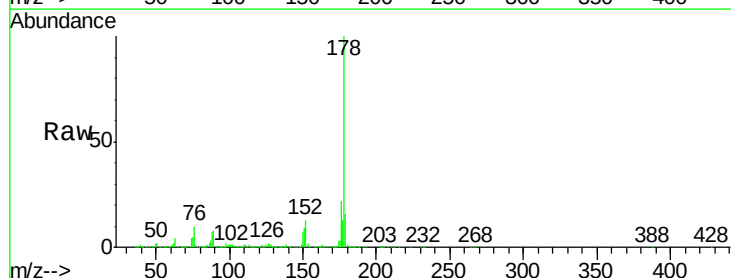
Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

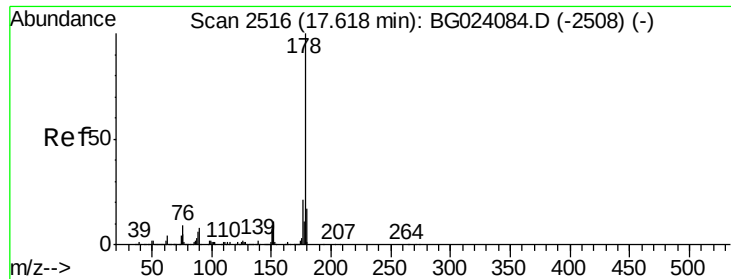
Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.5	51.9	77.9
264	66.4	50.6	75.8



#70
 Phenanthrene
 Concen: 57.70 ng
 RT: 17.52 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	16.8	25.2
179	16.4	14.3	21.5

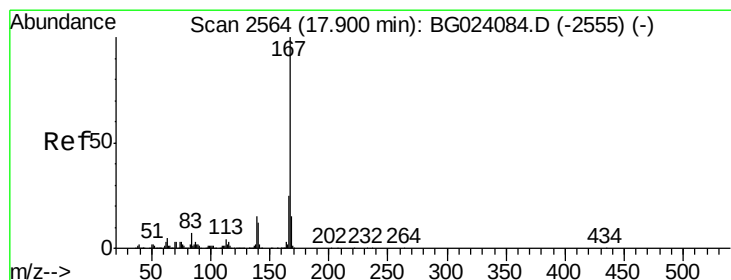
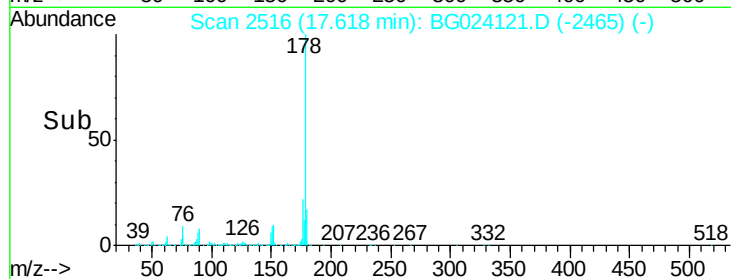
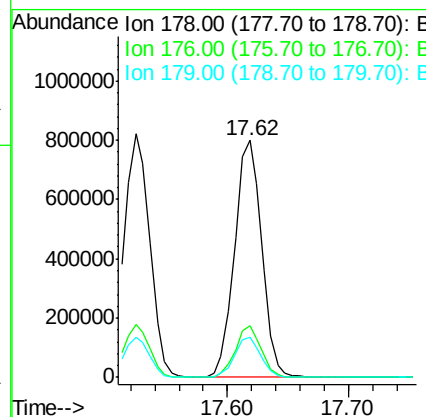
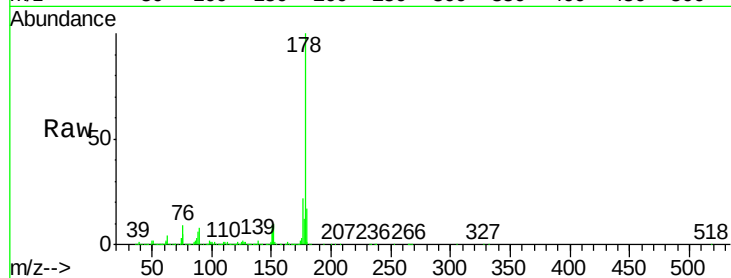




#71
 Anthracene
 Concen: 56.92 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

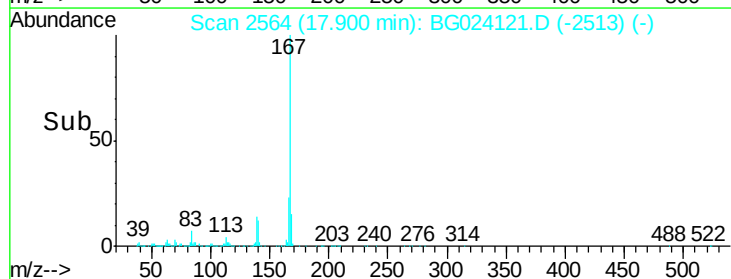
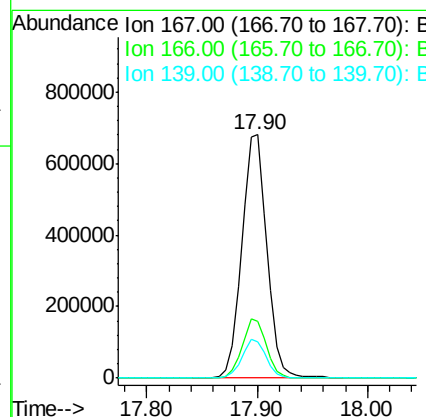
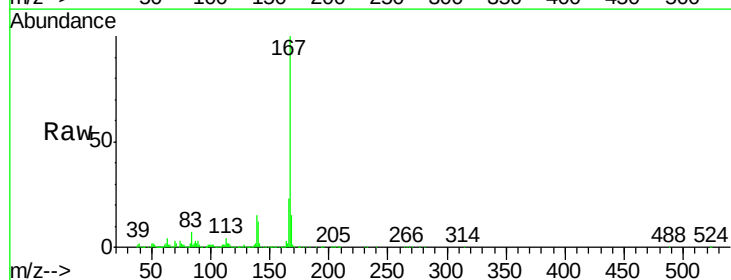
Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

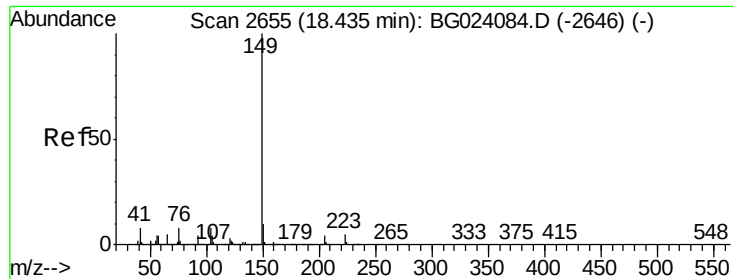
Tgt Ion:178 Resp: 1248063
 Ion Ratio Lower Upper
 178 100
 176 21.6 17.3 25.9
 179 17.1 14.0 21.0



#72
 Carbazole
 Concen: 53.10 ng
 RT: 17.90 min Scan# 2564
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion:167 Resp: 1083829
 Ion Ratio Lower Upper
 167 100
 166 23.5 20.7 31.1
 139 14.7 11.9 17.9





#73

Di-n-butylphthalate

Concen: 49.78 ng

RT: 18.43 min Scan# 2654

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

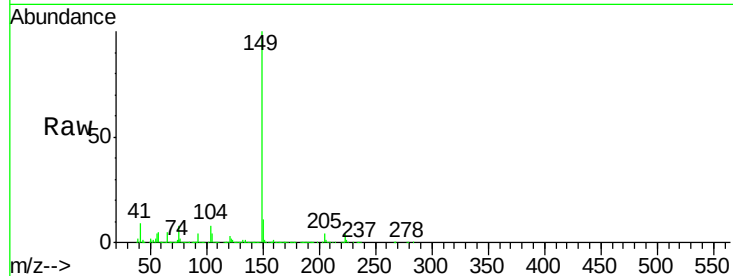
Tgt Ion:149 Resp: 1330169

Ion Ratio Lower Upper

149 100

150 10.5 9.1 13.7

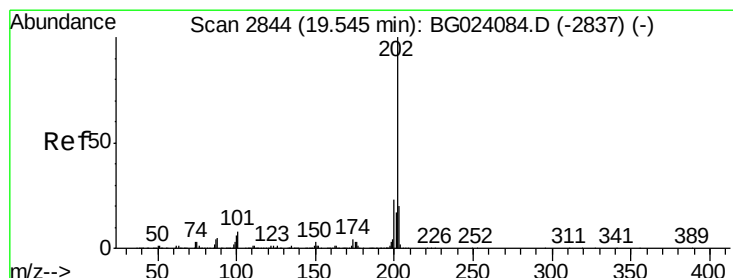
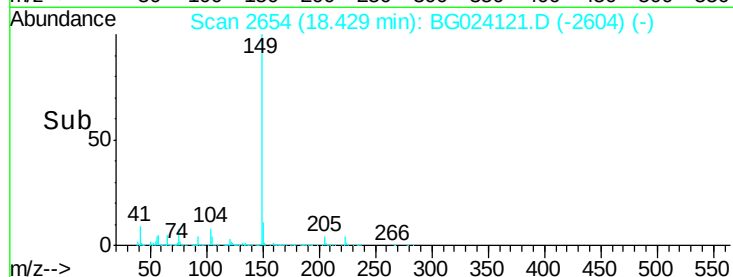
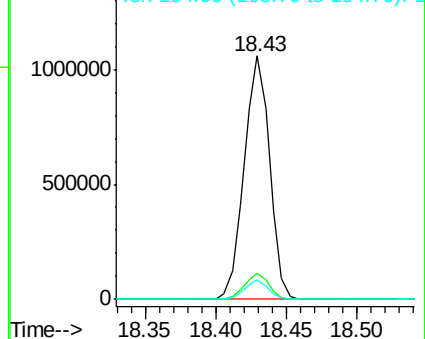
104 8.3 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.37 ng

RT: 19.54 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

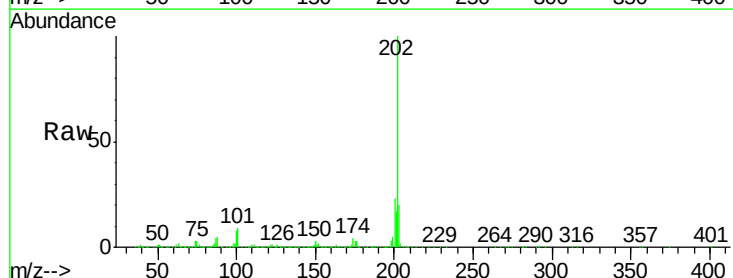
Tgt Ion:202 Resp: 1375880

Ion Ratio Lower Upper

202 100

101 8.8 0.0 27.4

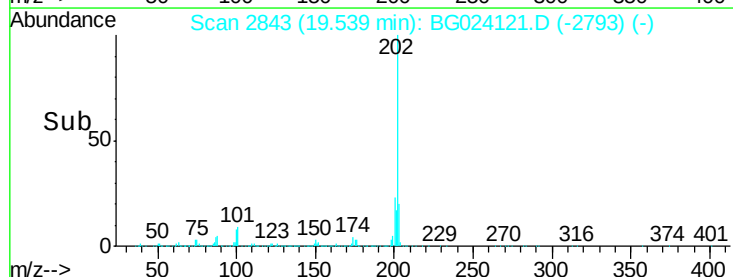
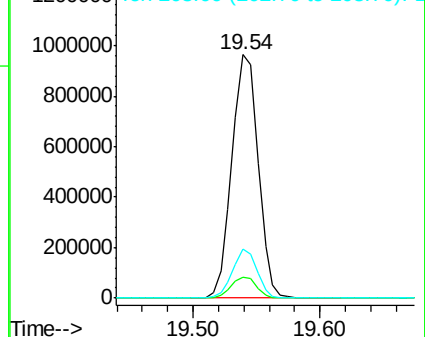
203 20.0 1.7 41.7

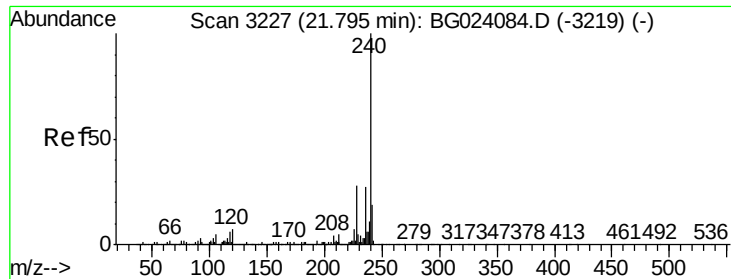


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

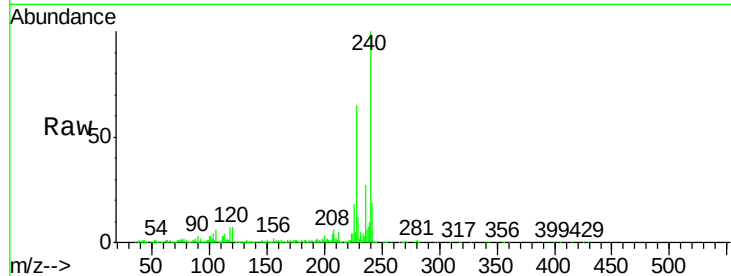
Tgt Ion:240 Resp: 416538

Ion Ratio Lower Upper

240 100

120 6.9 4.1 6.1#

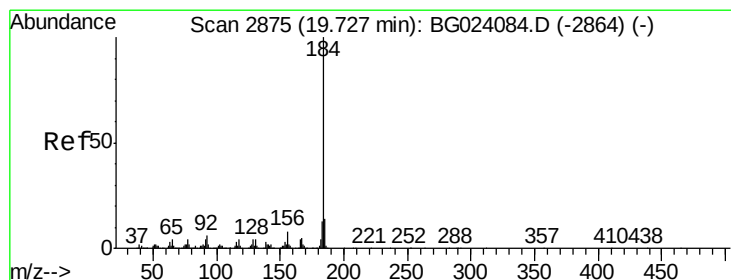
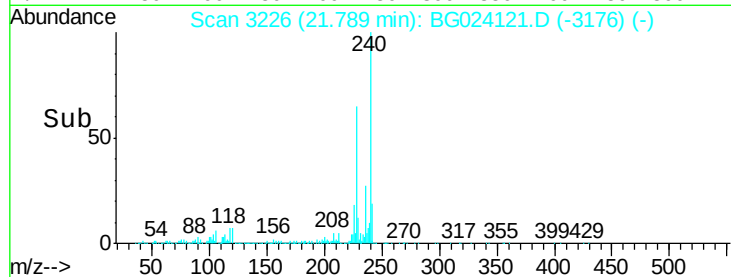
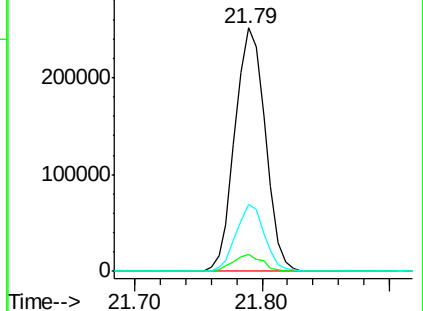
236 27.5 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.20 ng

RT: 19.73 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

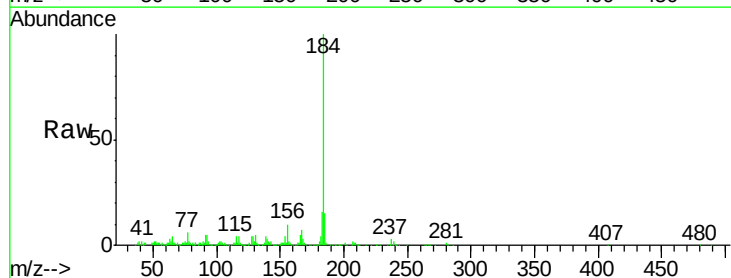
Tgt Ion:184 Resp: 202817

Ion Ratio Lower Upper

184 100

185 15.4 12.6 19.0

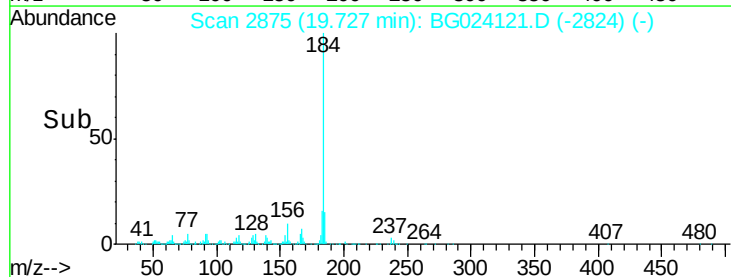
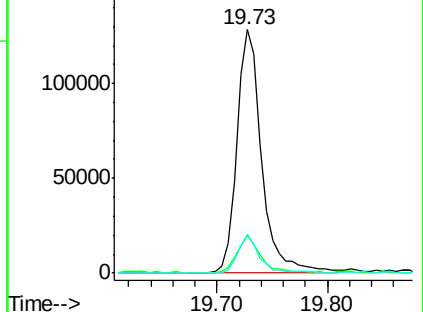
183 16.1 10.7 16.1

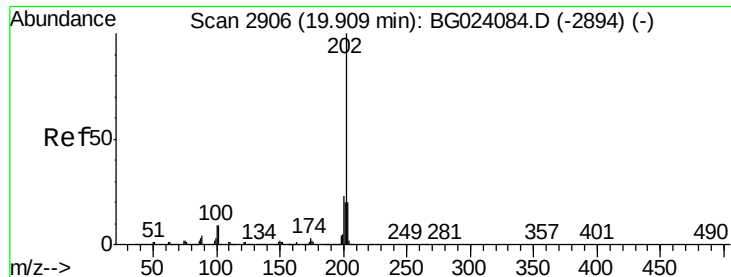


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.32 ng

RT: 19.90 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

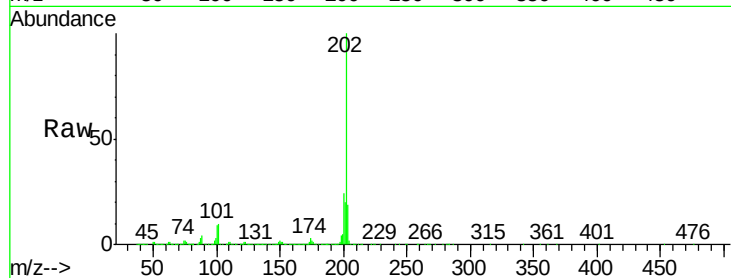
BNA_G

ClientSampleId :

MW-1-092116MSD

Tgt Ion:202 Resp: 1376249

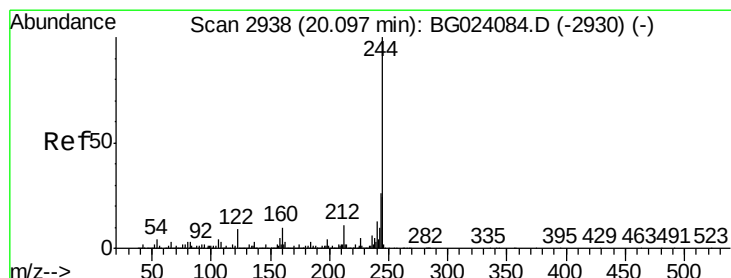
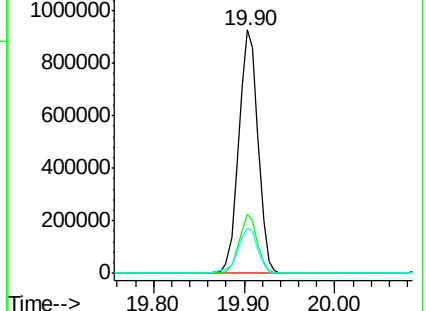
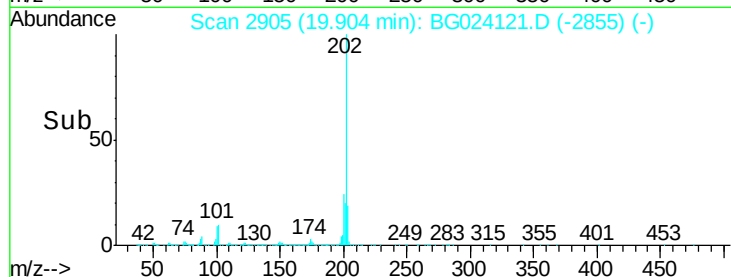
Ion	Ratio	Lower	Upper
202	100		
200	24.1	21.2	31.8
203	18.6	16.8	25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.91 ng

RT: 20.09 min Scan# 2937

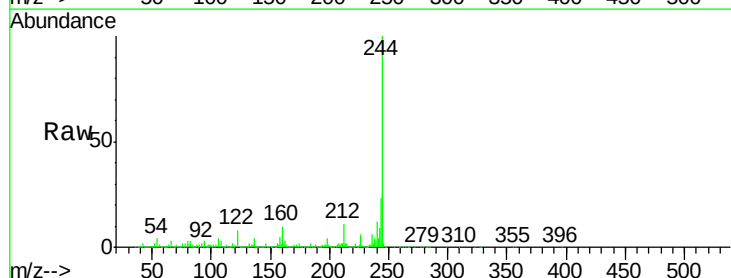
Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion:244 Resp: 1767904

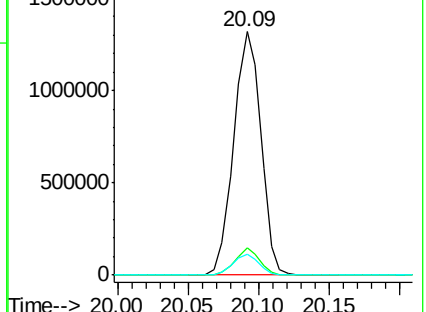
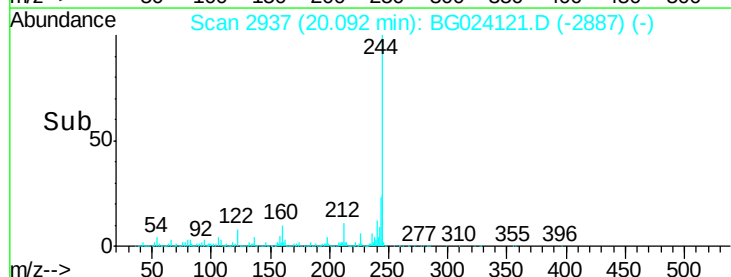
Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.8	16.2
122	8.4	8.0	12.0

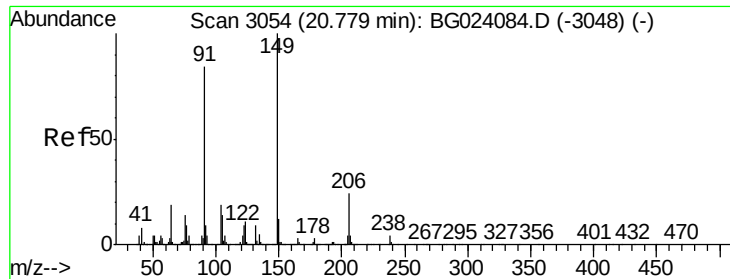


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

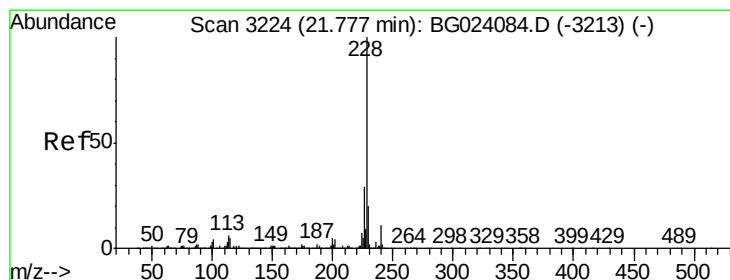
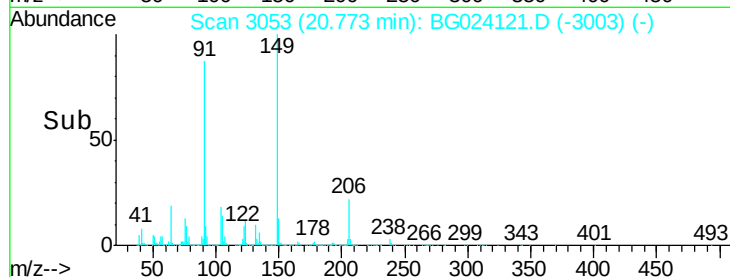
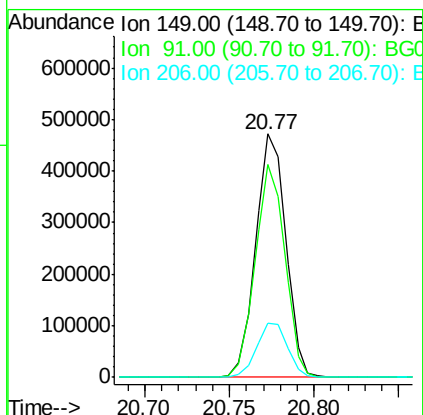
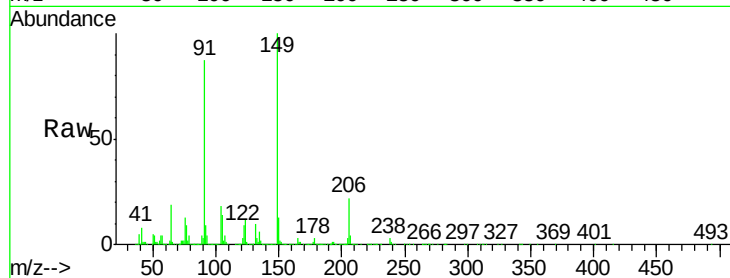




#79
Butylbenzylphthalate
Concen: 54.90 ng
RT: 20.77 min Scan# 3053
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

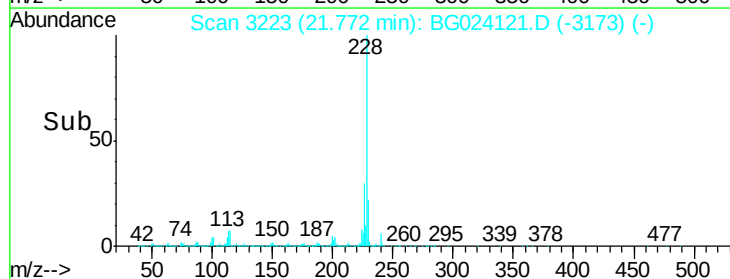
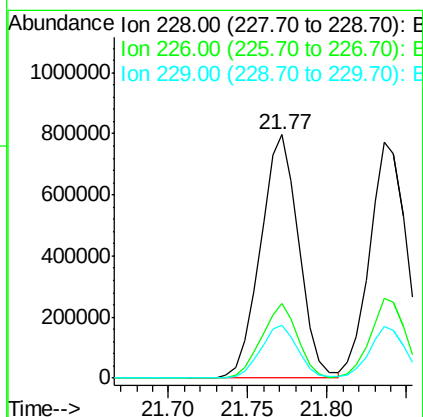
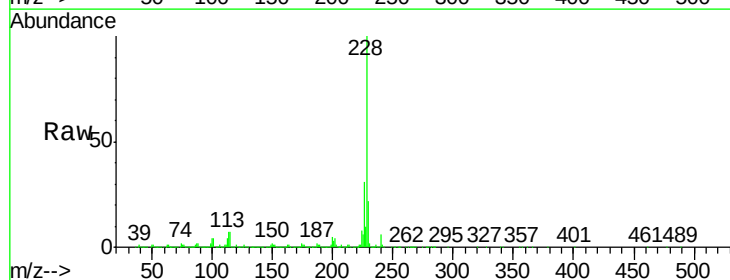
Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

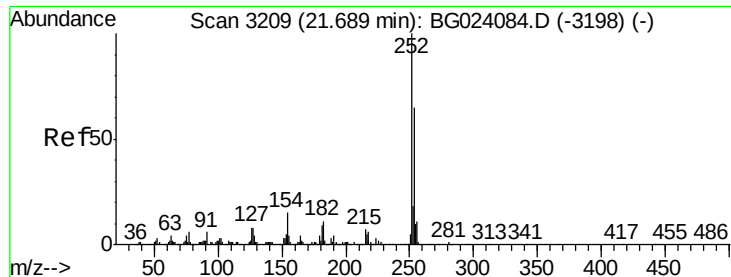
Tgt Ion:149 Resp: 587989
Ion Ratio Lower Upper
149 100
91 87.2 68.1 102.1
206 22.3 19.8 29.6



#80
Benzo(a)anthracene
Concen: 56.08 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion:228 Resp: 1329871
Ion Ratio Lower Upper
228 100
226 30.5 25.3 37.9
229 21.5 19.9 29.9

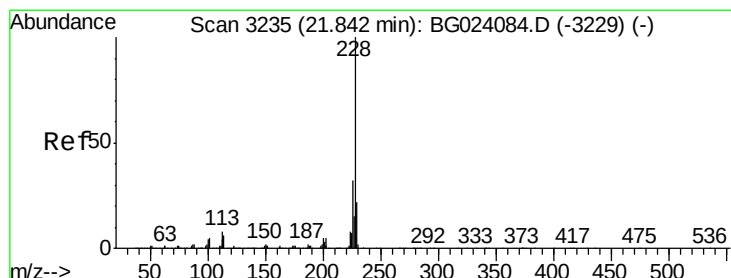
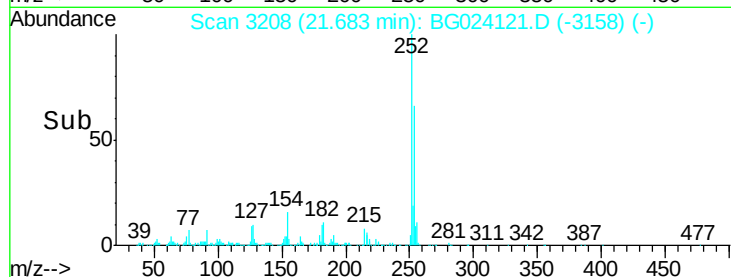
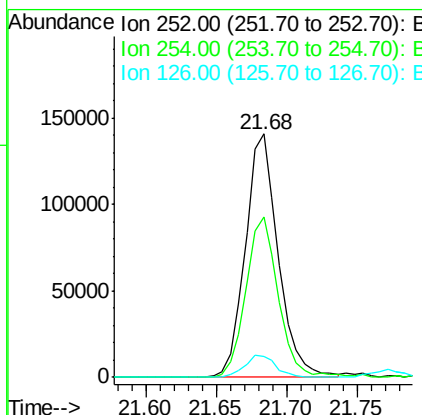
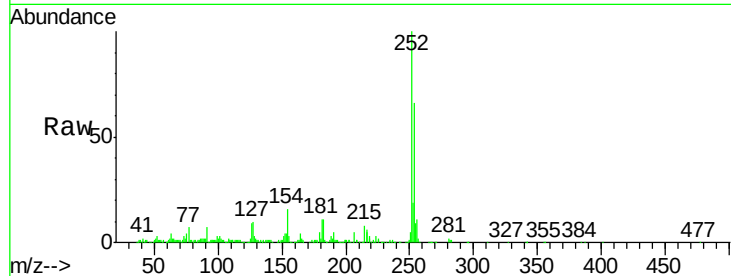




#81
 3,3'-Dichlorobenzidine
 Concen: 27.05 ng
 RT: 21.68 min Scan# 3208
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

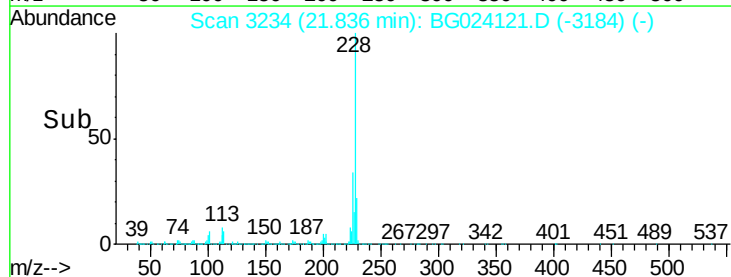
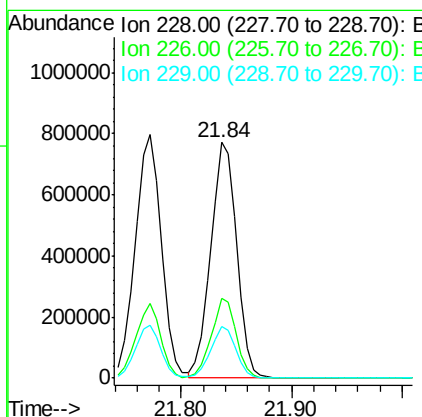
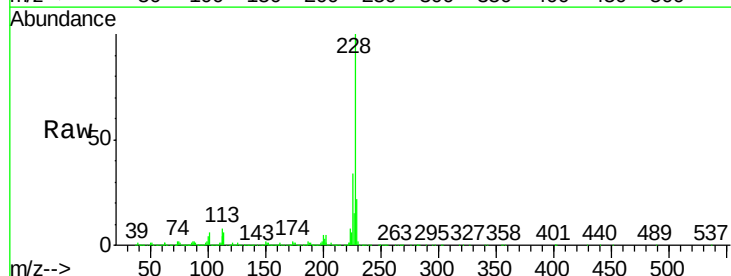
Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

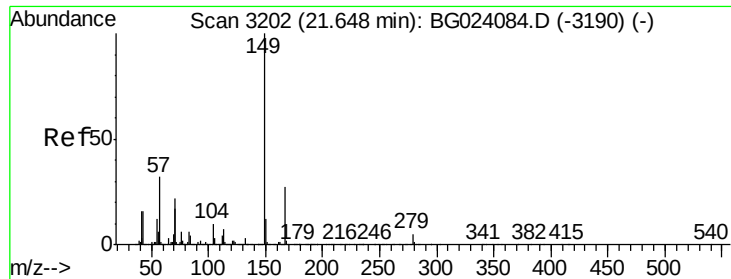
Tgt Ion: 252 Resp: 229905
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.2 76.8
 126 8.7 5.3 7.9#



#82
 Chrysene
 Concen: 55.93 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion: 228 Resp: 1246678
 Ion Ratio Lower Upper
 228 100
 226 33.9 26.7 40.1
 229 22.1 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 65.02 ng

RT: 21.64 min Scan# 3201

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

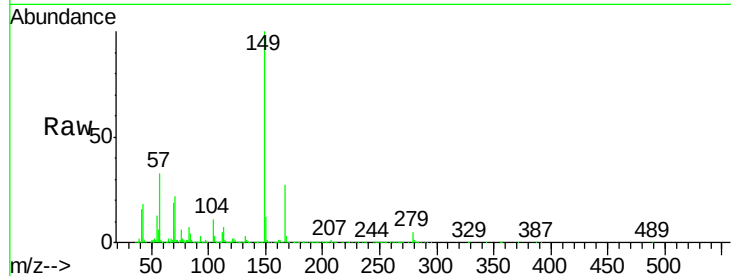
Tgt Ion:149 Resp: 831981

Ion Ratio Lower Upper

149 100

167 27.5 24.0 36.0

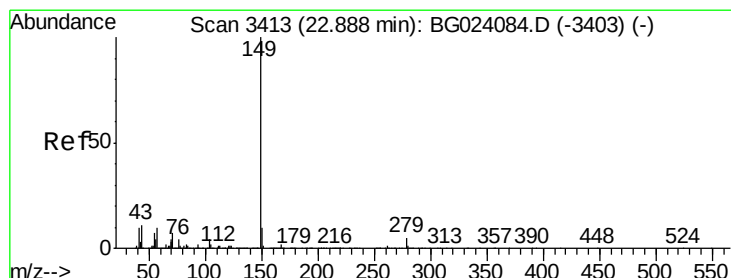
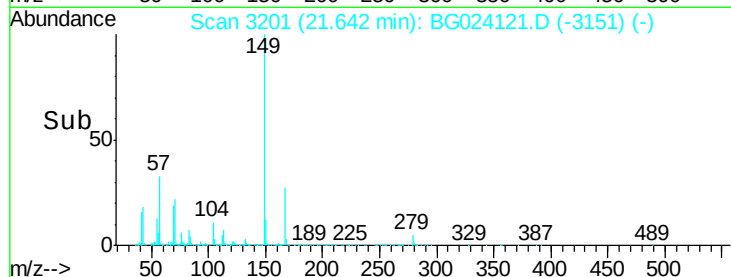
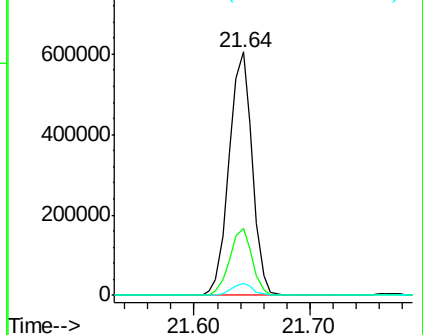
279 4.9 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 63.74 ng

RT: 22.88 min Scan# 3412

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

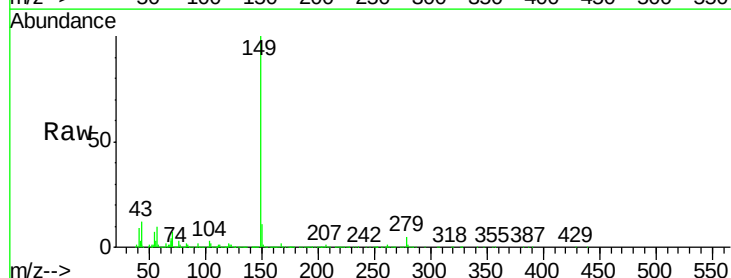
Tgt Ion:149 Resp: 1407286

Ion Ratio Lower Upper

149 100

167 1.7 1.5 2.3

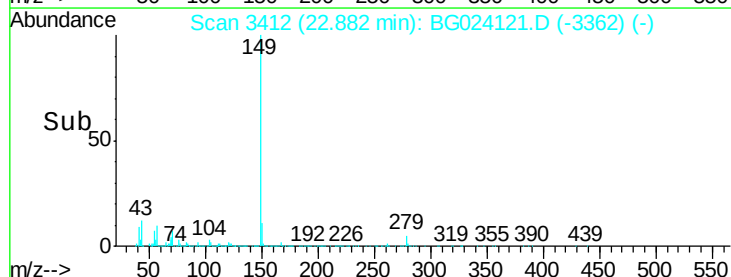
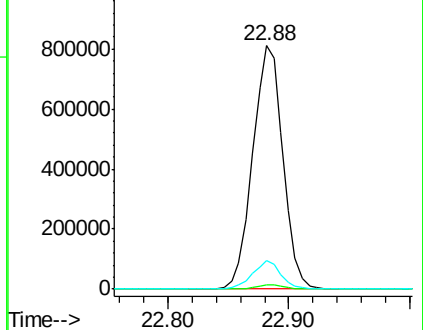
43 10.8 8.8 13.2

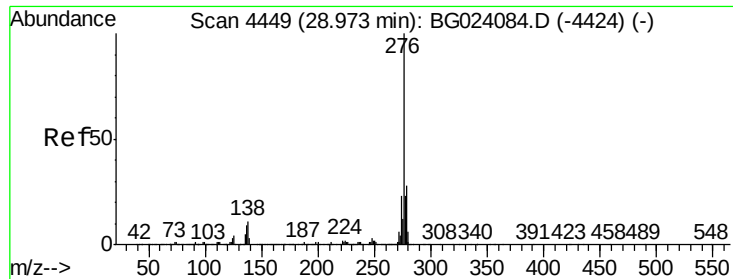


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 62.84 ng

RT: 28.96 min Scan# 4446

Delta R.T. -0.02 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

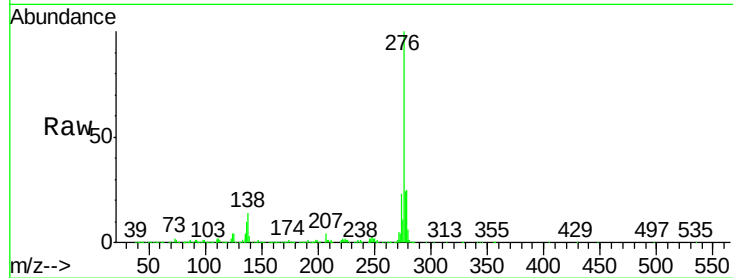
Tgt Ion:276 Resp: 1561938

Ion Ratio Lower Upper

276 100

138 15.4 0.0 0.0#

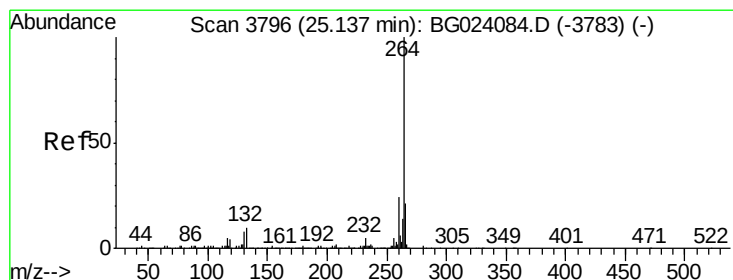
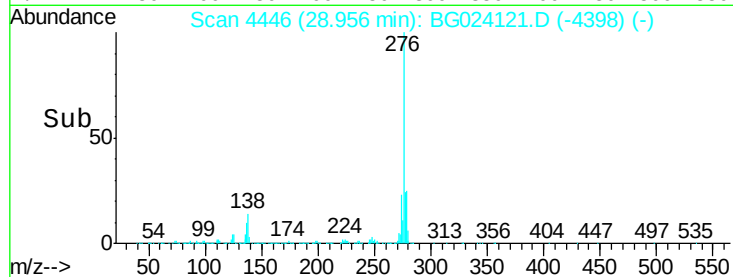
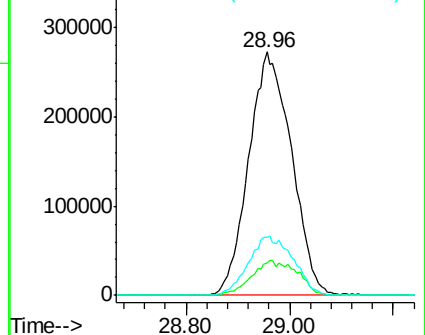
277 25.5 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.13 min Scan# 3794

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

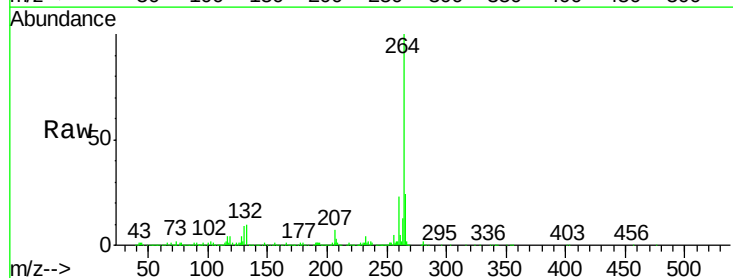
Tgt Ion:264 Resp: 412052

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

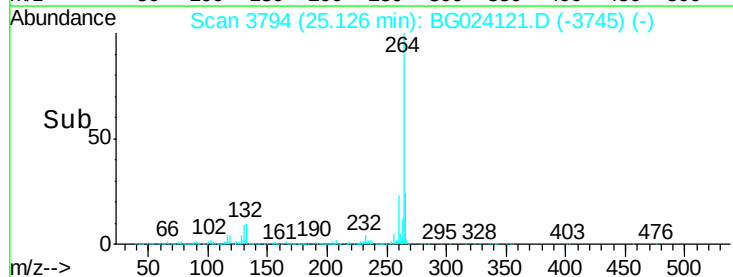
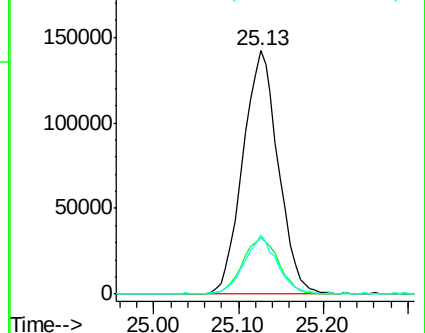
265 24.5 18.9 28.3

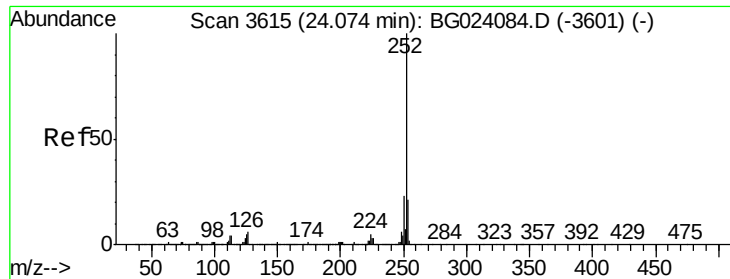


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 58.08 ng

RT: 24.06 min Scan# 3613

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

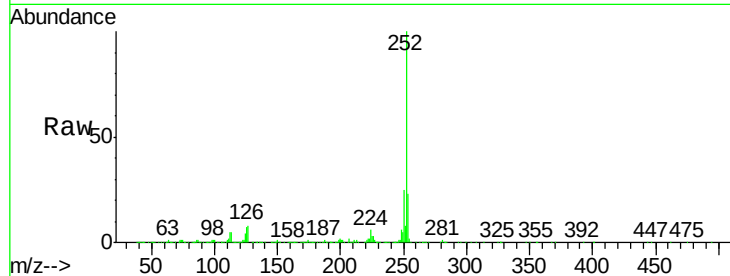
Tgt Ion:252 Resp: 1392212

Ion Ratio Lower Upper

252 100

253 22.6 18.9 28.3

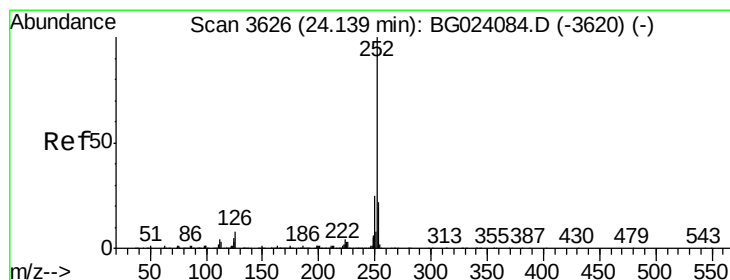
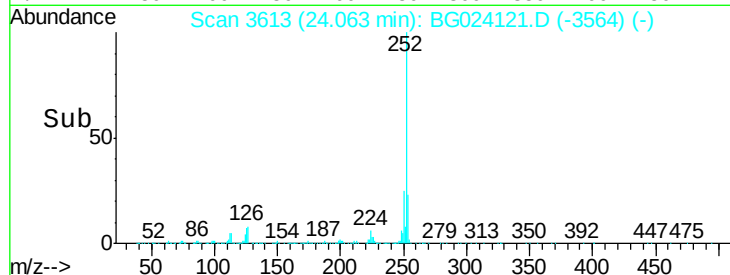
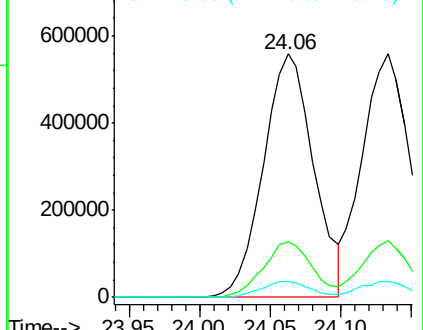
125 6.6 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 55.12 ng

RT: 24.13 min Scan# 3625

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

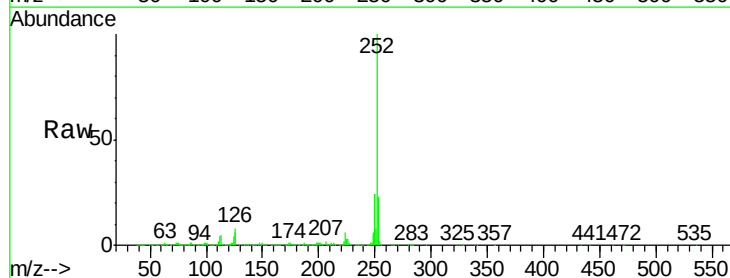
Tgt Ion:252 Resp: 1312327

Ion Ratio Lower Upper

252 100

253 23.2 18.8 28.2

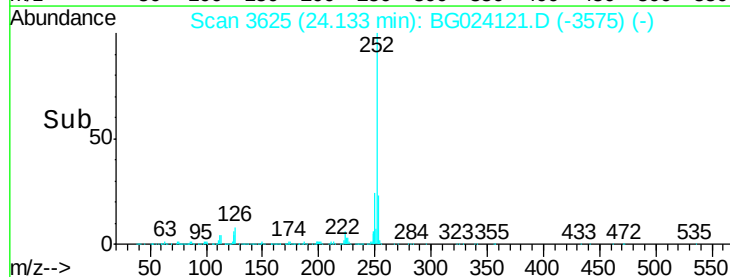
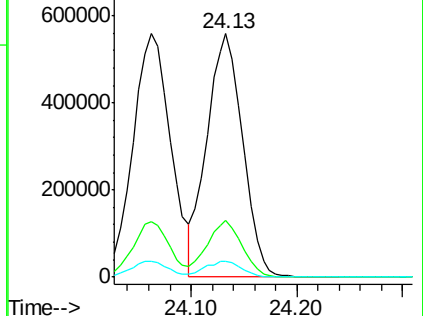
125 6.4 3.2 4.8#

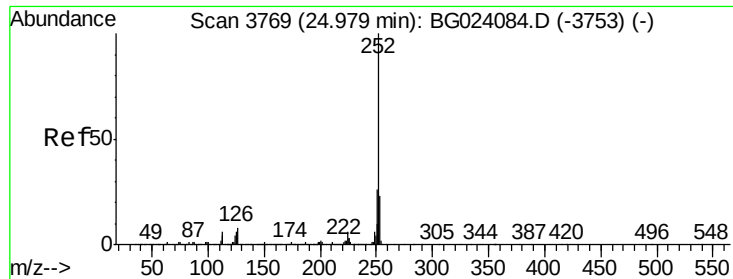


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 57.09 ng

RT: 24.97 min Scan# 3767

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

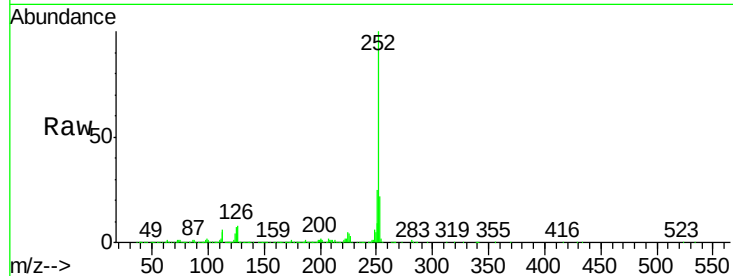
Tgt Ion:252 Resp: 1323028

Ion Ratio Lower Upper

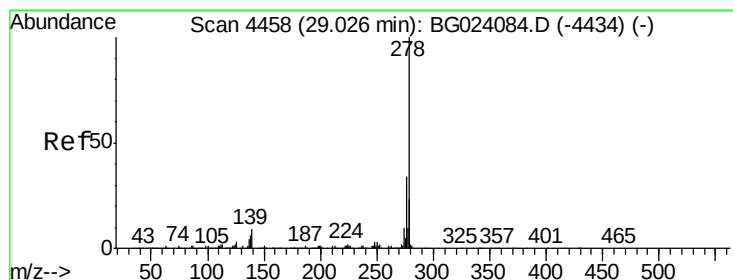
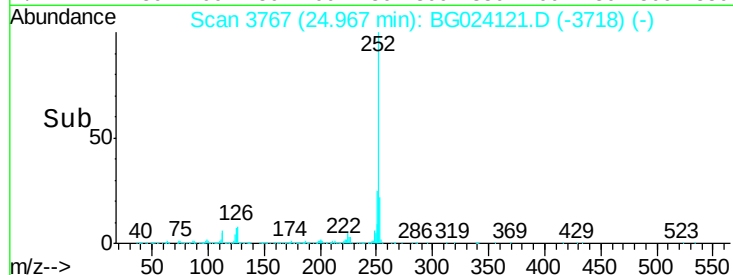
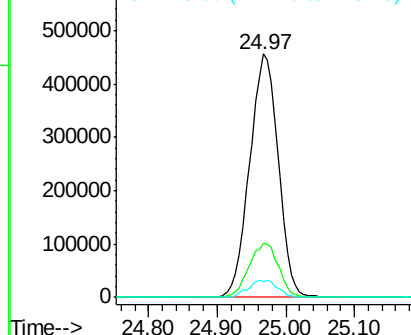
252 100

253 22.3 18.7 28.1

125 6.7 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 56.12 ng

RT: 29.01 min Scan# 4456

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

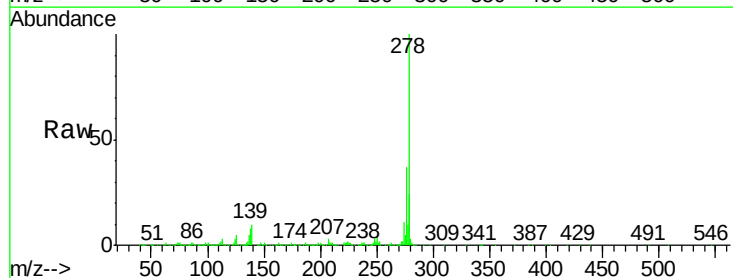
Tgt Ion:278 Resp: 1298589

Ion Ratio Lower Upper

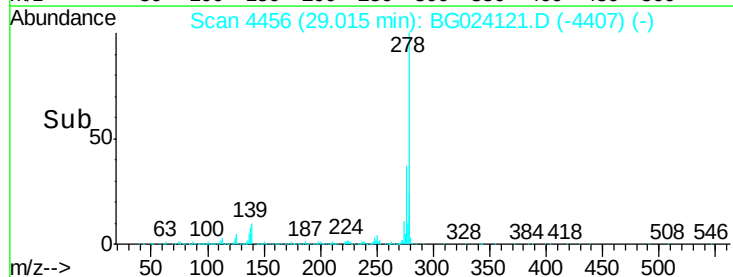
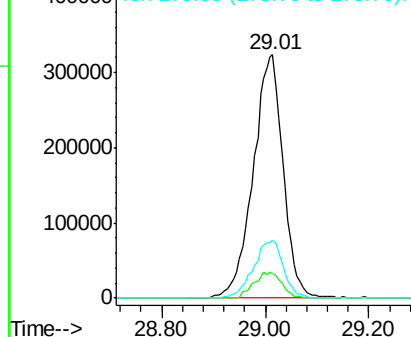
278 100

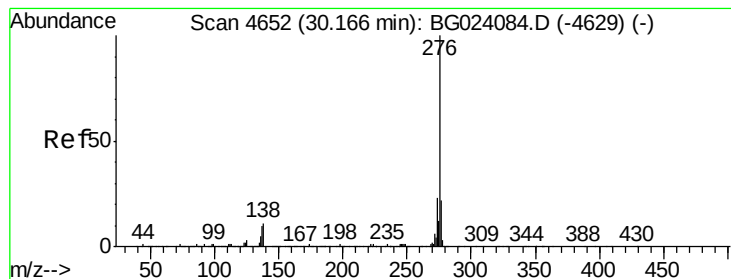
139 10.2 4.7 7.1#

279 24.0 18.3 27.5



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





#91

Benzo(g,h,i)perylene

Concen: 55.45 ng

RT: 30.16 min Scan# 4651

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

MW-1-092116MSD

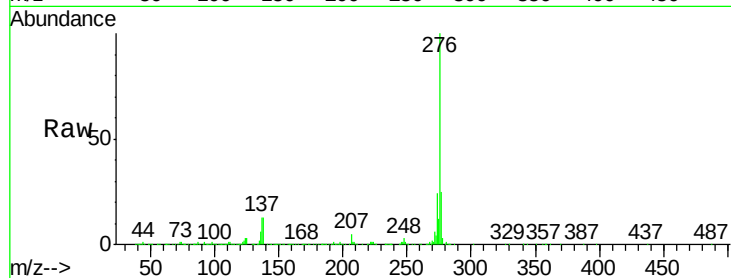
Tgt Ion: 276 Resp: 1292660

Ion Ratio Lower Upper

276 100

277 25.2 18.6 27.8

138 12.6 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

