

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012017\
 Data File : BG025564.D
 Acq On : 21 Jan 2017 8:44
 Operator : UM/SJ
 Sample : I1347-02MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

Quant Time: Jan 22 23:57:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	65982	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	262728	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	213046	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	502352	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	693951	20.00	ng	-0.02
86) Perylene-d12	25.23	264	744217	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	560969	154.54	ng	-0.02
7) Phenol-d6	7.34	99	744792	145.68	ng	-0.02
23) Nitrobenzene-d5	9.36	82	616621	103.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	519284	151.40	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1251131	95.08	ng	-0.02
78) Terphenyl-d14	20.14	244	2475668	94.59	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.56	88	61754	39.87	ng	# 43
3) Pyridine	3.97	79	171577	38.21	ng	99
4) n-Nitrosodimethylamine	3.89	42	129014	48.41	ng	98
6) Aniline	7.50	93	200899	29.00	ng	97
8) 2-Chlorophenol	7.74	128	196864	48.07	ng	97
9) Benzaldehyde	7.32	77	168446	45.03	ng	95
10) Phenol	7.37	94	267821	47.26	ng	96
11) bis(2-Chloroethyl)ether	7.59	93	206594	47.31	ng	93
12) 1,3-Dichlorobenzene	8.06	146	208970	42.17	ng	96
13) 1,4-Dichlorobenzene	8.21	146	220817	43.00	ng	95
14) 1,2-Dichlorobenzene	8.53	146	211077	43.07	ng	98
15) Benzyl Alcohol	8.43	79	248686	50.95	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	388200	48.00	ng	97
17) 2-Methylphenol	8.63	107	185195	49.76	ng	94
18) Hexachloroethane	9.26	117	84406	42.79	ng	91
19) n-Nitroso-di-n-propylamine	8.98	70	209777	48.58	ng	99
20) 3+4-Methylphenols	8.96	107	250061	48.55	ng	98
22) Acetophenone	9.02	105	363916	49.85	ng	# 99
24) Nitrobenzene	9.40	77	316570	48.53	ng	98
25) Isophorone	9.92	82	568214	52.77	ng	98
26) 2-Nitrophenol	10.12	139	122237	49.00	ng	97
27) 2,4-Dimethylphenol	10.17	122	218573	53.29	ng	92
28) bis(2-Chloroethoxy)methane	10.40	93	307856	55.05	ng	96
29) 2,4-Dichlorophenol	10.67	162	240472	54.79	ng	93
30) 1,2,4-Trichlorobenzene	10.86	180	249000	46.96	ng	93
31) Naphthalene	11.05	128	723768	55.17	ng	99
32) Benzoic acid	10.33	122	116265	35.25	ng	97
33) 4-Chloroaniline	11.19	127	39583	7.17	ng	# 84
34) Hexachlorobutadiene	11.31	225	193950	44.81	ng	94
35) Caprolactam	12.01	113	33837	20.52	ng	93
36) 4-Chloro-3-methylphenol	12.29	107	281111	51.89	ng	93
37) 2-Methylnaphthalene	12.65	142	504906	51.93	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	358248	50.93	ng	98
40) Hexachlorocyclopentadiene	12.97	237	302659	113.78	ng	97

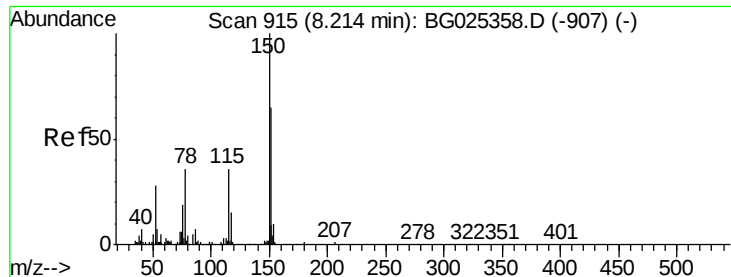
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	225560	50.93	ng	98
43) 2,4,5-Trichlorophenol	13.35	196	233107	50.28	ng	96
45) 1,1'-Biphenyl	13.64	154	751758	52.46	ng	95
46) 2-Chloronaphthalene	13.69	162	560095	50.03	ng	98
47) 2-Nitroaniline	13.91	65	241450	51.10	ng	97
48) Acenaphthylene	14.54	152	853735	49.20	ng	97
49) Dimethylphthalate	14.25	163	789856	50.85	ng	100
50) 2,6-Dinitrotoluene	14.40	165	168964	49.80	ng	97
51) Acenaphthene	14.87	154	563628	49.66	ng	97
52) 3-Nitroaniline	14.74	138	70654	21.66	ng	91
53) 2,4-Dinitrophenol	14.96	184	211732	94.20	ng	# 85
54) Dibenzofuran	15.21	168	920132	51.29	ng	99
55) 4-Nitrophenol	15.06	139	230949	94.79	ng	92
56) 2,4-Dinitrotoluene	15.19	165	260916	52.81	ng	# 90
57) Fluorene	15.86	166	753313	50.15	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	241547	48.64	ng	# 97
59) Diethylphthalate	15.60	149	814879	50.03	ng	98
60) 4-Chlorophenyl-phenylether	15.83	204	414443	48.68	ng	95
61) 4-Nitroaniline	15.90	138	147575	44.96	ng	89
62) Azobenzene	16.13	77	858551	54.66	ng	99
64) 4,6-Dinitro-2-methylphenol	15.95	198	170463	49.00	ng	78
65) n-Nitrosodiphenylamine	16.05	169	707433	52.10	ng	99
66) 4-Bromophenyl-phenylether	16.73	248	297327	47.97	ng	94
67) Hexachlorobenzene	16.85	284	343480	48.30	ng	90
68) Atrazine	16.99	200	310400	52.17	ng	96
69) Pentachlorophenol	17.21	266	336204	91.19	ng	98
70) Phenanthrene	17.60	178	1297898	50.14	ng	96
71) Anthracene	17.69	178	1301418	49.48	ng	100
72) Carbazole	17.96	167	1179804	50.14	ng	97
73) Di-n-butylphthalate	18.48	149	1410290	48.72	ng	97
74) Fluoranthene	19.60	202	1697202	49.64	ng	95
76) Benzidine	19.77	184	400615	23.14	ng	# 95
77) Pyrene	19.96	202	1724913	47.56	ng	98
79) Butylbenzylphthalate	20.81	149	745081	51.17	ng	96
80) Benzo(a)anthracene	21.82	228	1917979	49.55	ng	98
81) 3,3'-Dichlorobenzidine	21.73	252	420112	27.95	ng	99
82) Chrysene	21.90	228	1745635	47.03	ng	98
83) Bis(2-ethylhexyl)phthalate	21.67	149	1048187	51.72	ng	100
84) Di-n-octyl phthalate	22.92	149	1802099	53.56	ng	97
85) Indeno(1,2,3-cd)pyrene	29.13	276	2471193	52.37	ng	# 96
87) Benzo(b)fluoranthene	24.14	252	2010885	49.52	ng	99
88) Benzo(k)fluoranthene	24.22	252	1979983	50.49	ng	98
89) Benzo(a)pyrene	25.07	252	1966031	50.13	ng	97
90) Dibenzo(a,h)anthracene	29.18	278	2090413	50.29	ng	98
91) Benzo(g,h,i)perylene	30.36	276	2033914	49.24	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 908

Delta R.T. -0.02 min

Lab File: BG025564.D

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BNA_G

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BLACK-FILL1-0-5FT-COMPMSD

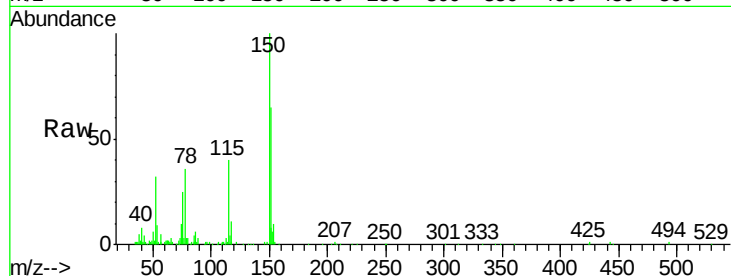
Tgt Ion:152 Resp: 65982

Ion Ratio Lower Upper

152 100

150 153.4 114.0 171.0

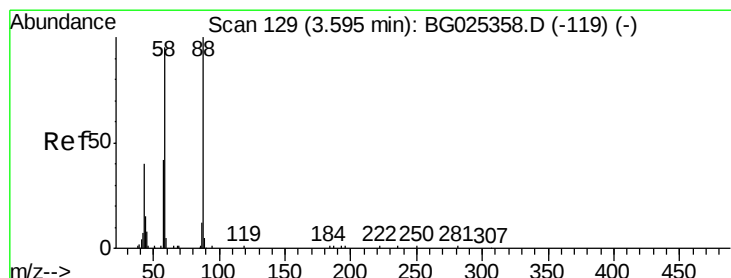
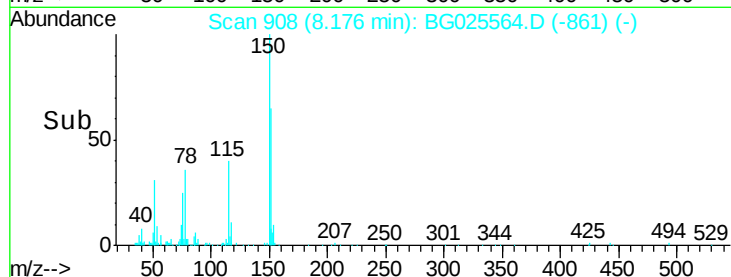
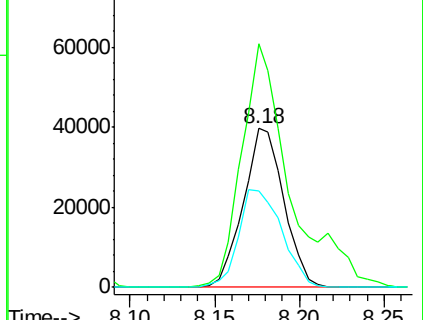
115 60.7 48.1 72.1



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: 39.87 ng

RT: 3.56 min Scan# 122

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

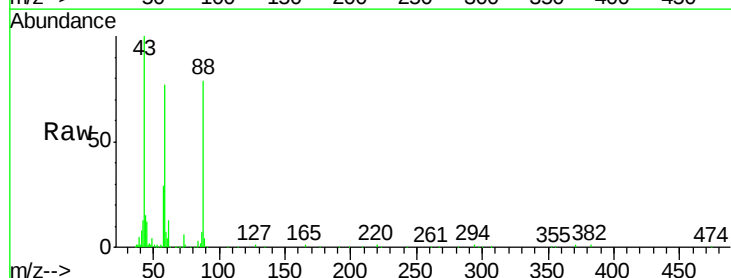
Tgt Ion: 88 Resp: 61754

Ion Ratio Lower Upper

88 100

58 95.2 79.4 119.2

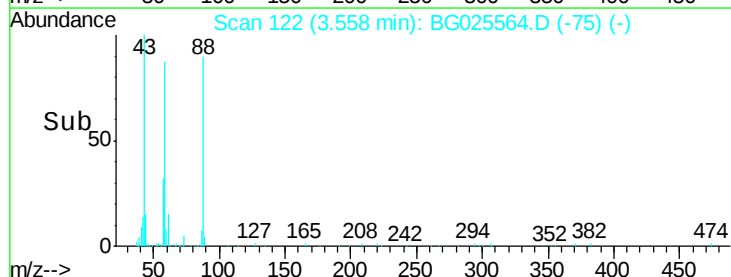
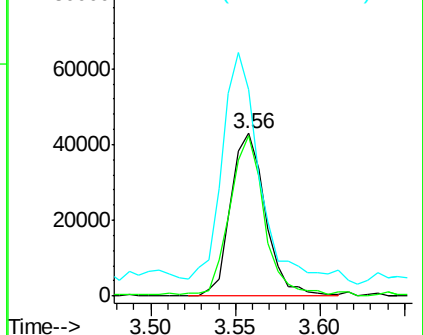
43 157.1 33.8 50.6#

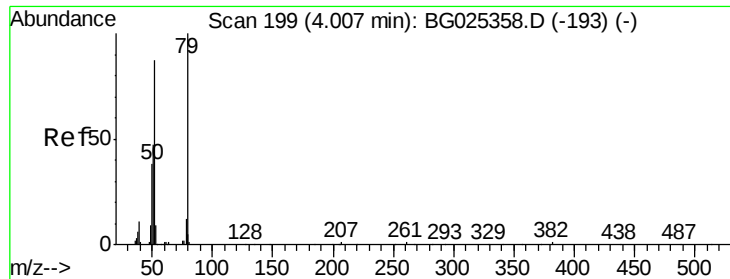


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 38.21 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

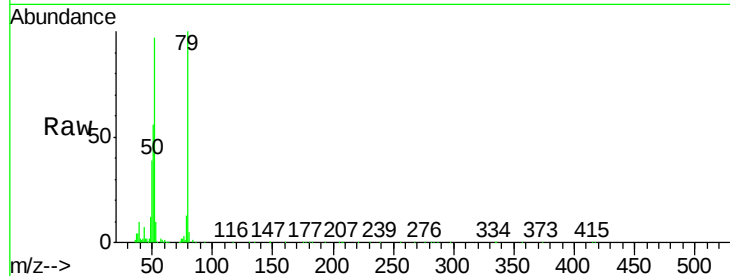
Tgt Ion: 79 Resp: 171577

Ion Ratio Lower Upper

79 100

52 96.9 77.8 116.6

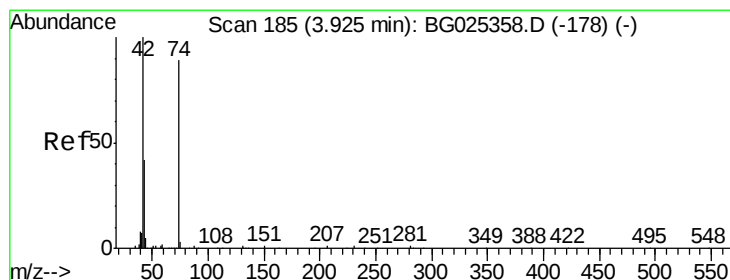
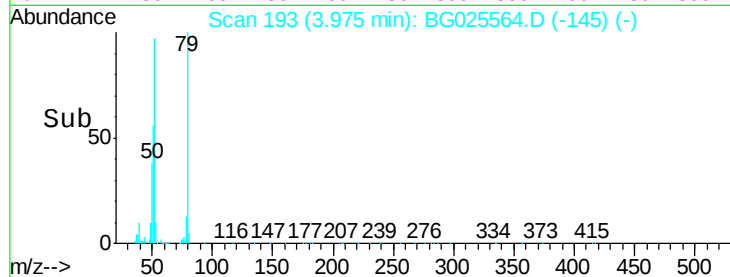
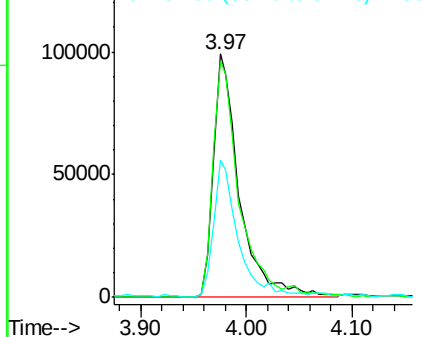
51 56.3 43.2 64.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 48.41 ng

RT: 3.89 min Scan# 178

Delta R.T. -0.03 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

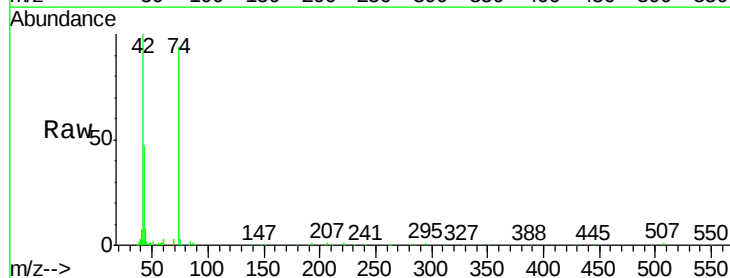
Tgt Ion: 42 Resp: 129014

Ion Ratio Lower Upper

42 100

74 94.2 76.7 115.1

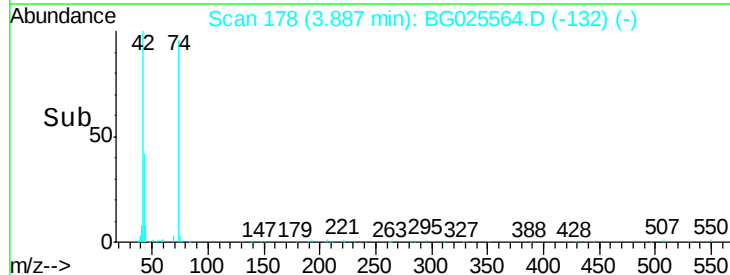
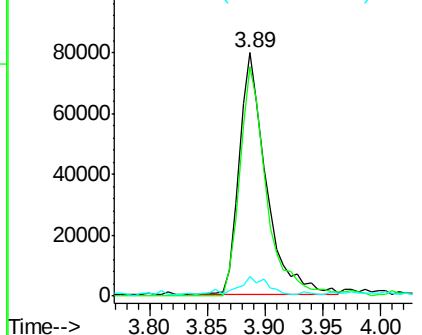
44 8.2 6.1 9.1

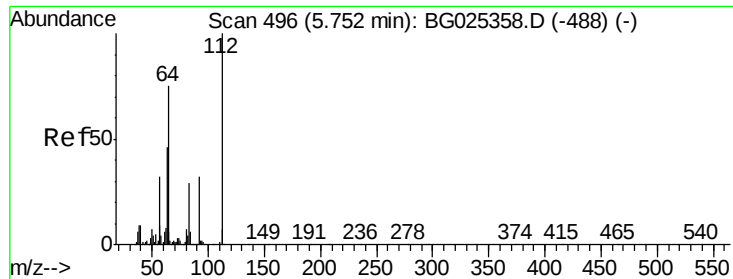


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 154.54 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

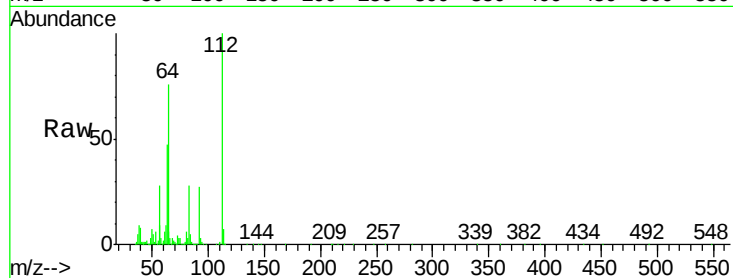
Tgt Ion: 112 Resp: 560969

Ion Ratio Lower Upper

112 100

64 75.6 61.8 92.6

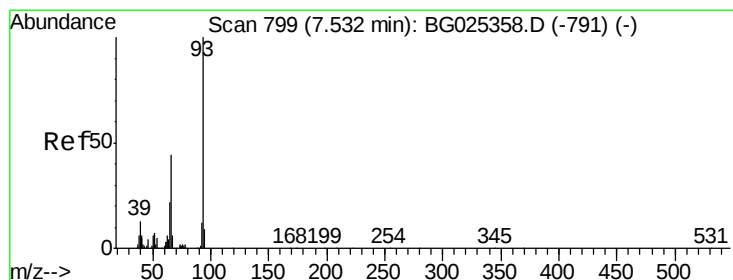
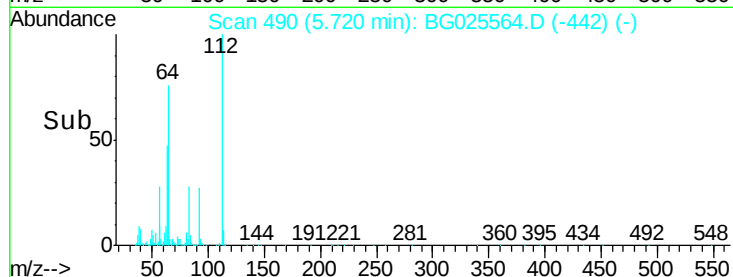
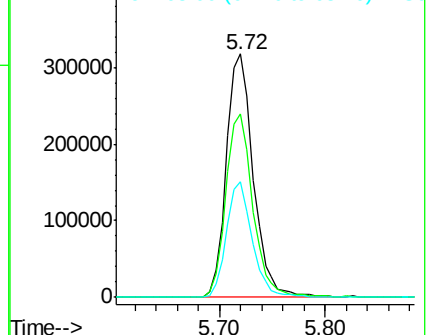
63 47.4 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.00 ng

RT: 7.50 min Scan# 793

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

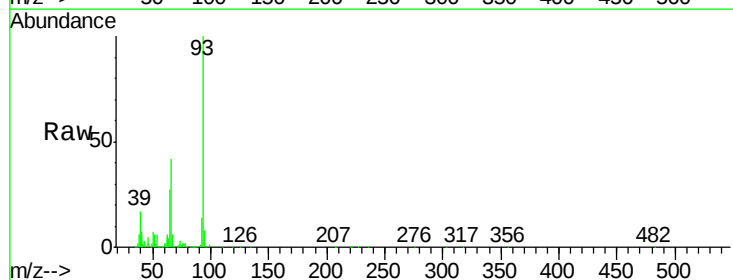
Tgt Ion: 93 Resp: 200899

Ion Ratio Lower Upper

93 100

66 41.7 35.4 53.2

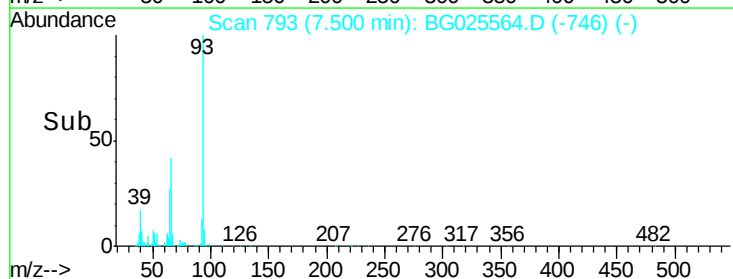
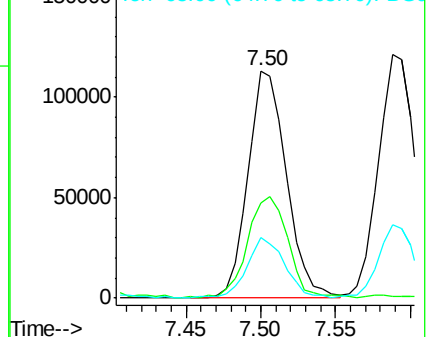
65 26.8 21.2 31.8

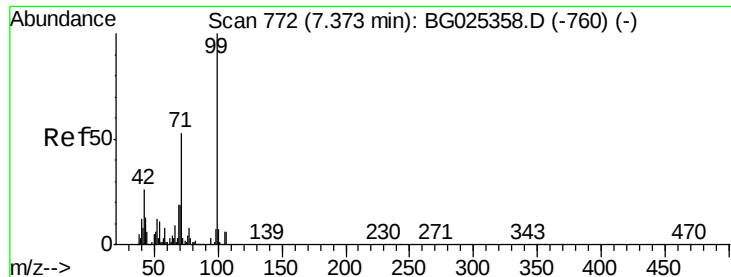


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.68 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

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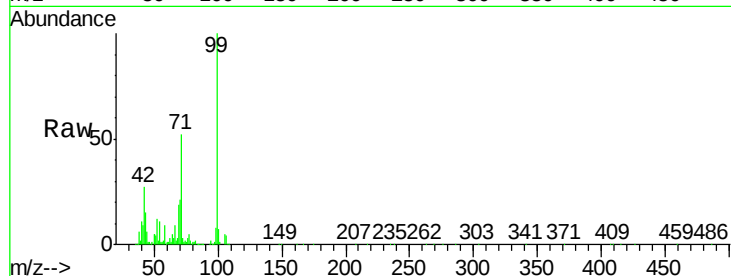
Tgt Ion: 99 Resp: 744792

Ion Ratio Lower Upper

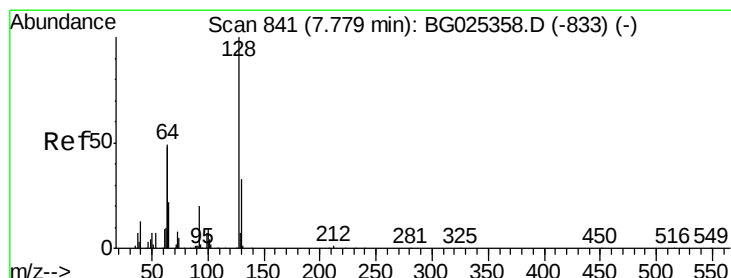
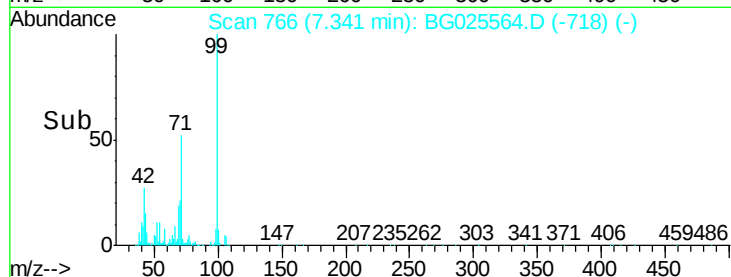
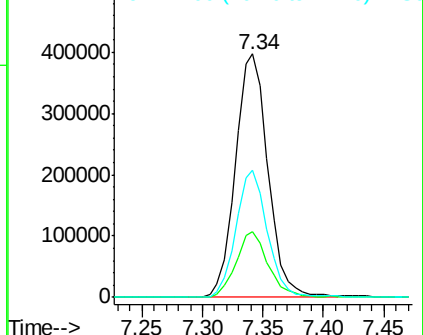
99 100

42 26.9 20.5 30.7

71 52.0 37.6 56.4



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: 48.07 ng

RT: 7.74 min Scan# 834

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

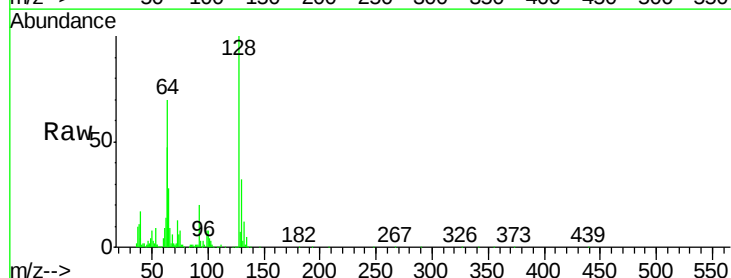
Tgt Ion: 128 Resp: 196864

Ion Ratio Lower Upper

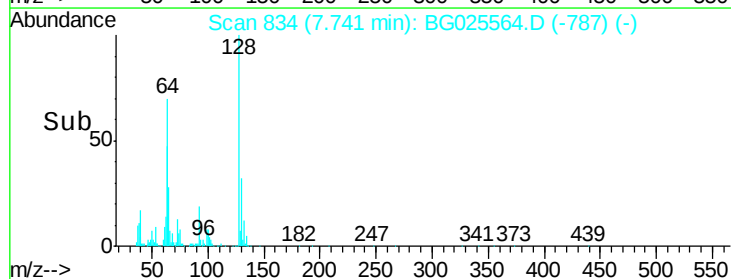
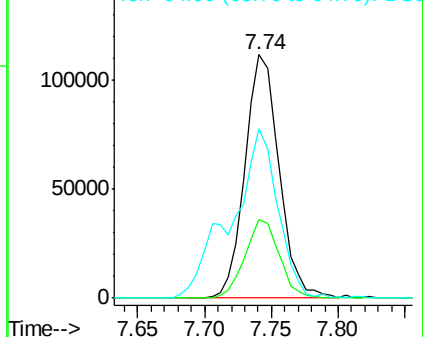
128 100

130 32.3 11.4 51.4

64 69.7 46.6 86.6



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: 45.03 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG025564.D

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BLACK-FILL1-0-5FT-COMPMSD

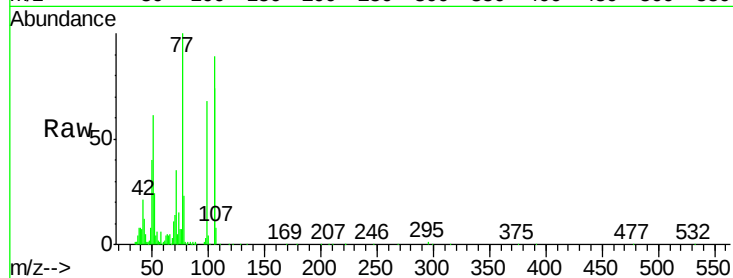
Tgt Ion: 77 Resp: 168446

Ion Ratio Lower Upper

77 100

105 89.3 60.9 100.9

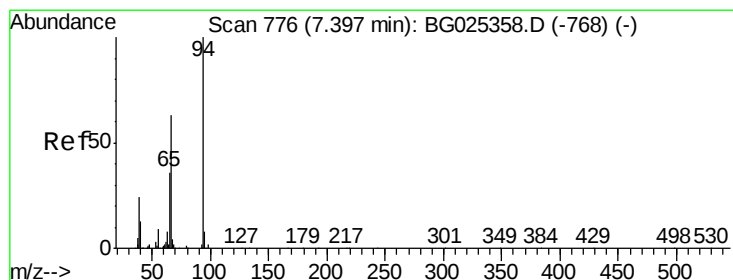
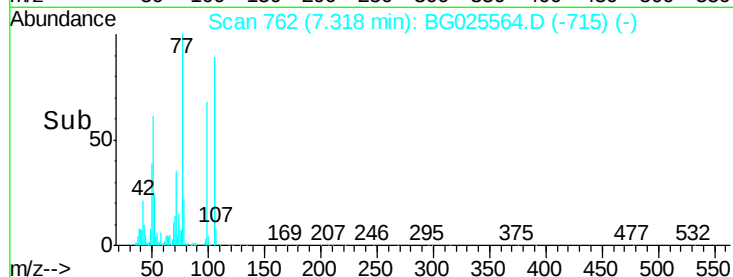
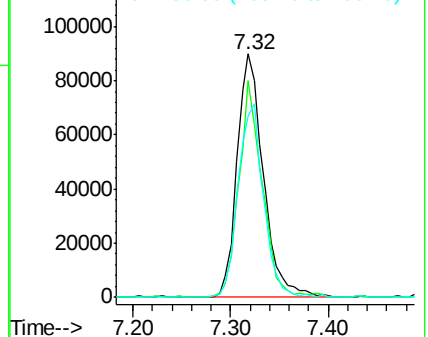
106 74.4 55.1 95.1



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: 47.26 ng

RT: 7.37 min Scan# 770

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

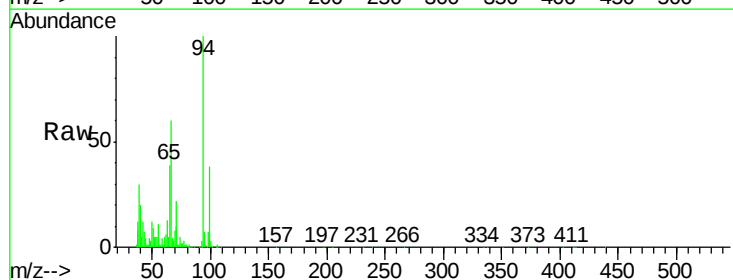
Tgt Ion: 94 Resp: 267821

Ion Ratio Lower Upper

94 100

65 39.4 20.6 60.6

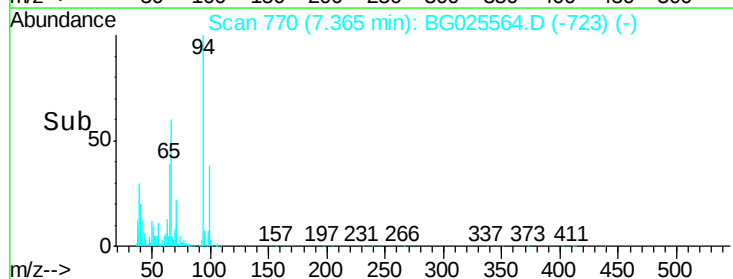
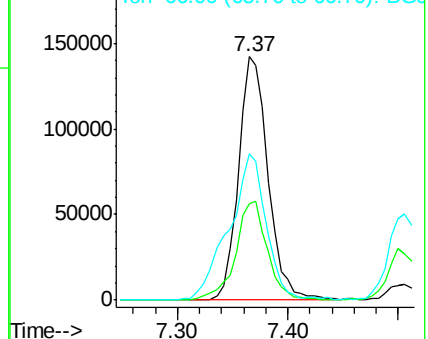
66 59.9 35.5 75.5

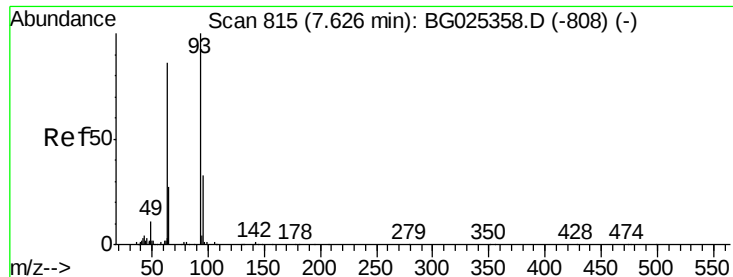


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

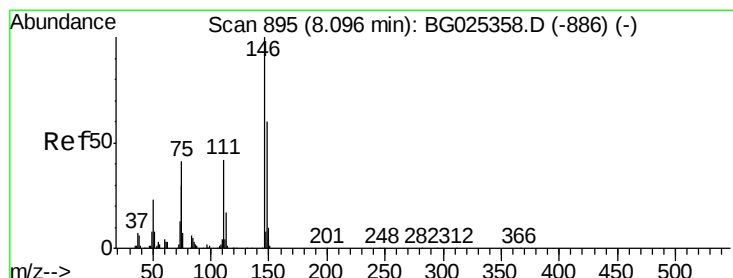
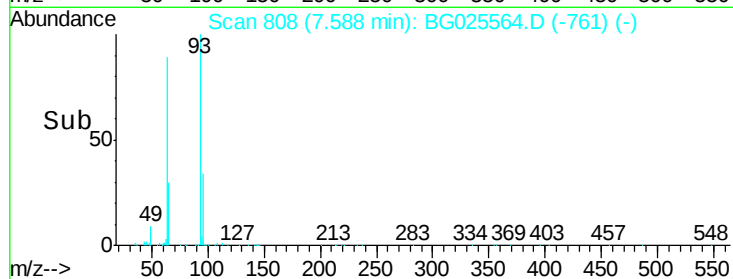
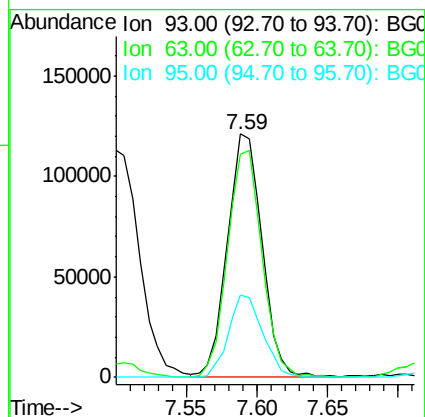
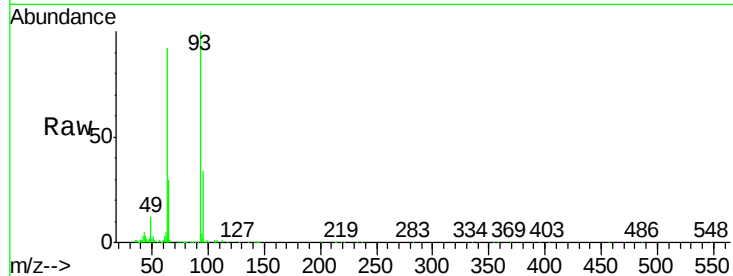




#11
bis(2-Chloroethyl)ether
Concen: 47.31 ng
RT: 7.59 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

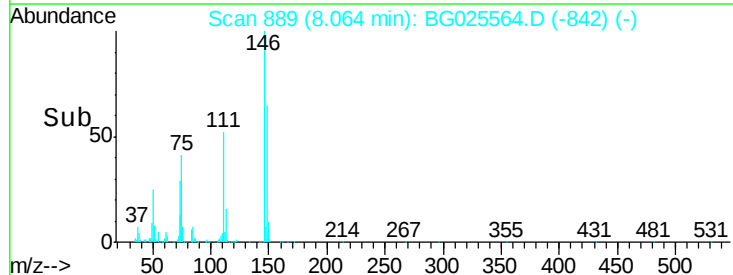
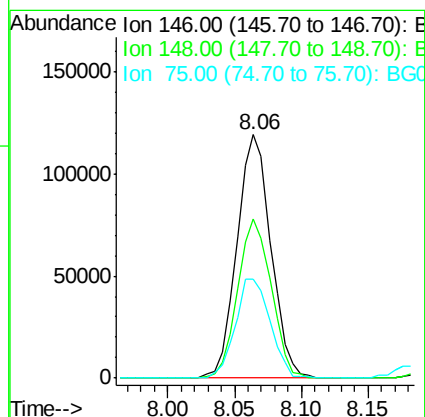
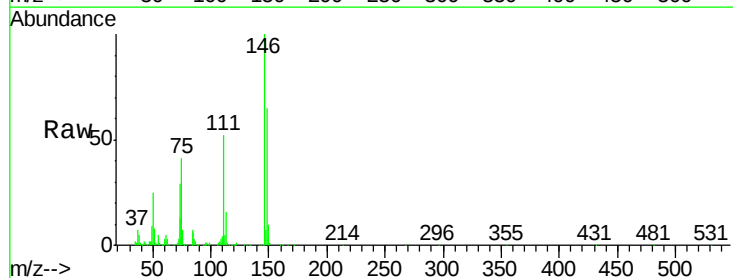
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

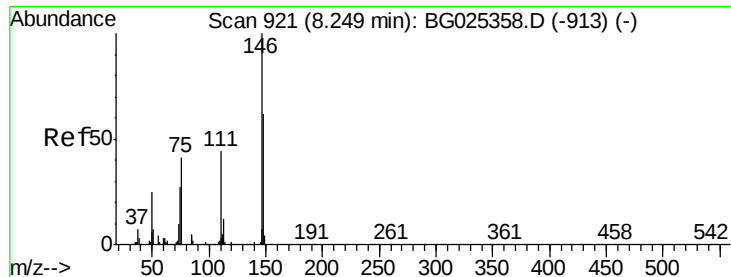
Tgt Ion: 93 Resp: 206594
Ion Ratio Lower Upper
93 100
63 91.8 78.5 118.5
95 33.7 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 42.17 ng
RT: 8.06 min Scan# 889
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion: 146 Resp: 208970
Ion Ratio Lower Upper
146 100
148 65.3 49.2 73.8
75 40.6 33.4 50.2

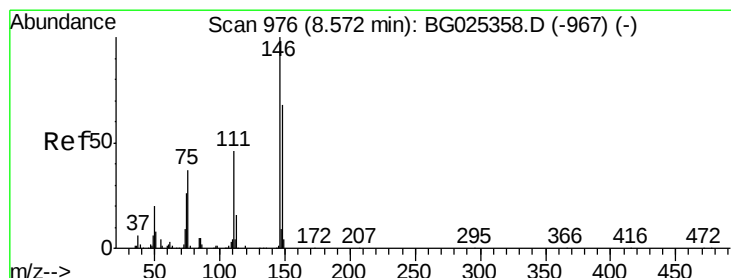
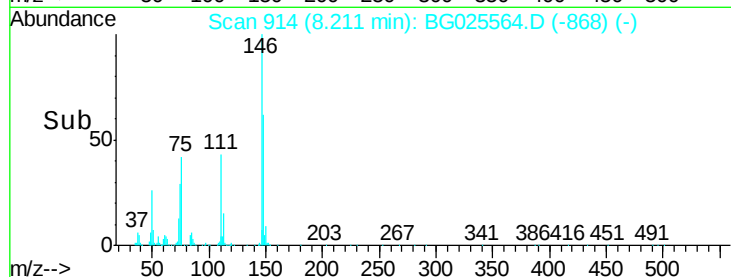
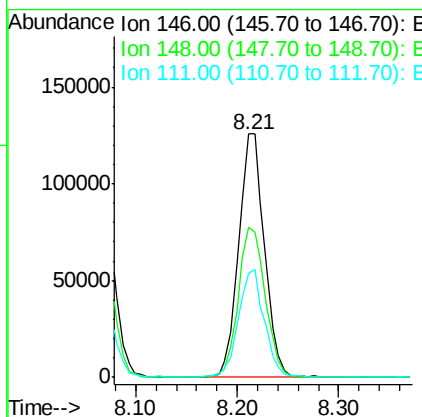
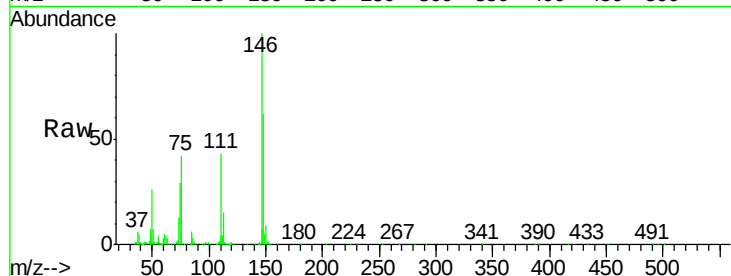




#13
 1,4-Dichlorobenzene
 Concen: 43.00 ng
 RT: 8.21 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

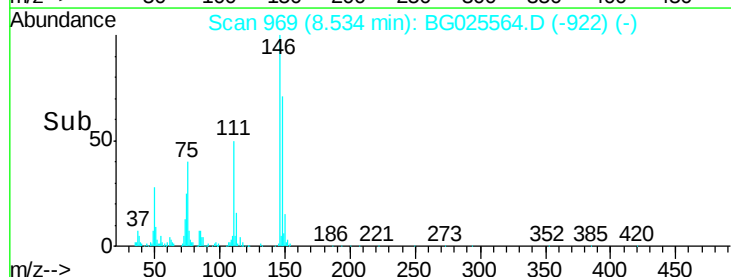
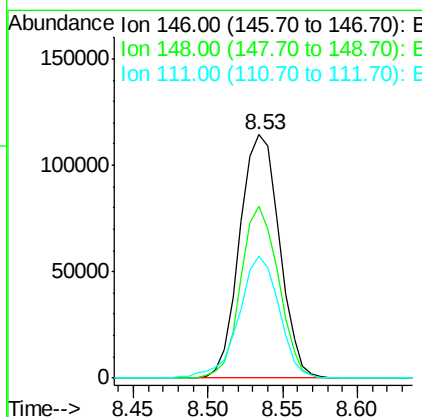
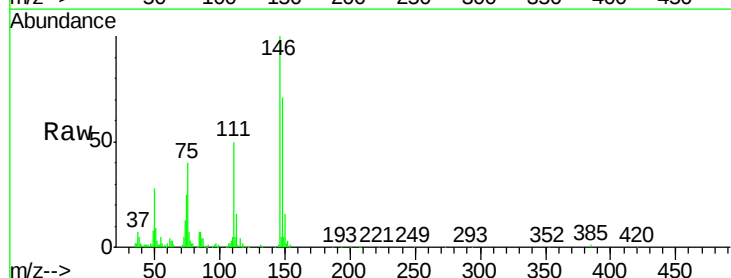
Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

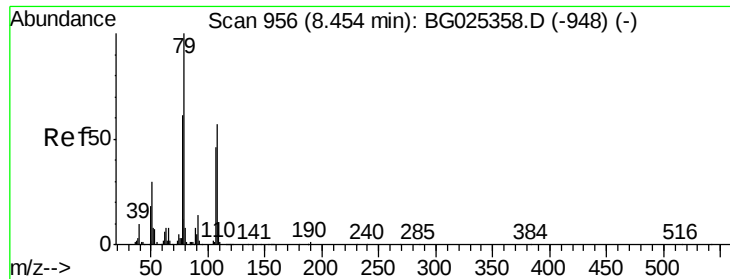
Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	52.2	78.2
111	43.0	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 43.07 ng
 RT: 8.53 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.6	54.6	81.8
111	50.2	39.7	59.5

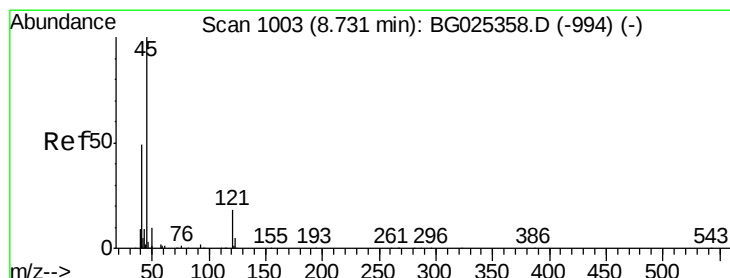
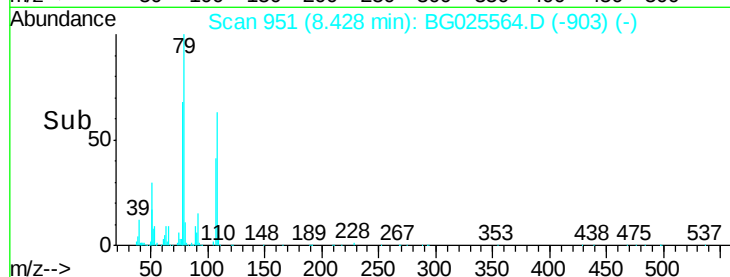
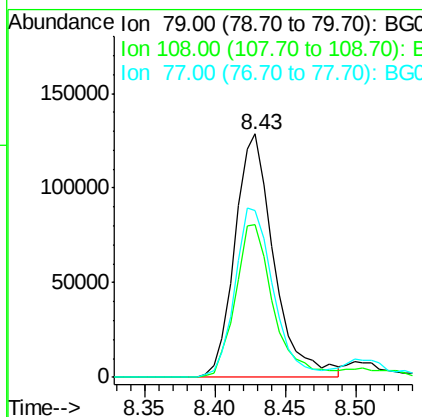
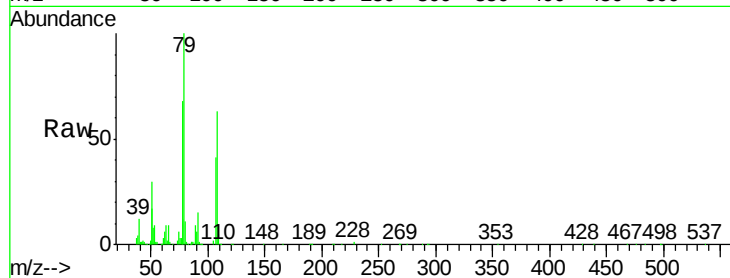




#15
Benzyl Alcohol
Concen: 50.95 ng
RT: 8.43 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

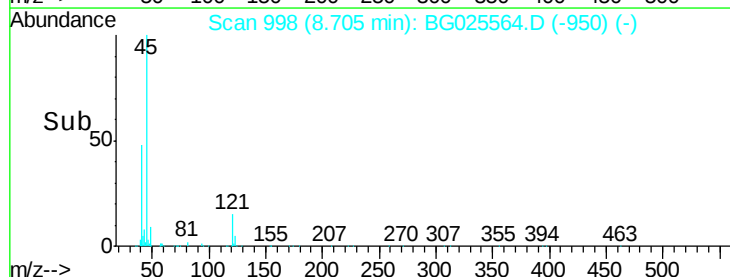
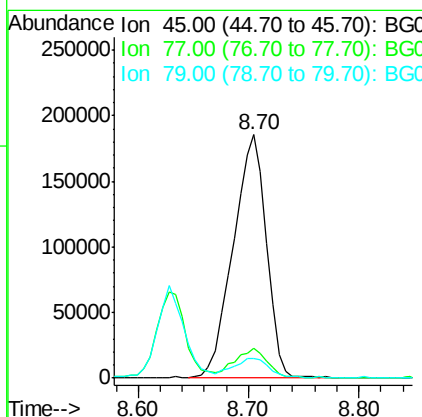
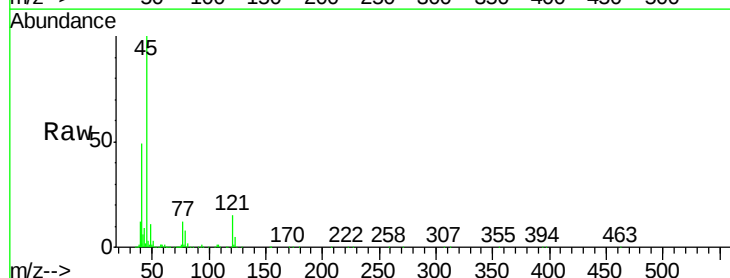
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

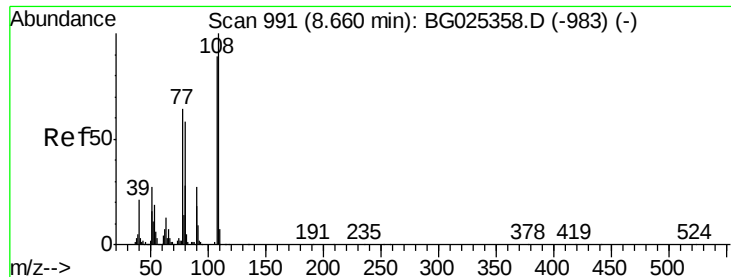
Tgt Ion	Ratio	Lower	Upper
79	100		
108	62.9	45.5	68.3
77	68.4	54.3	81.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.00 ng
RT: 8.70 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	30.6
79	8.0	0.0	28.5

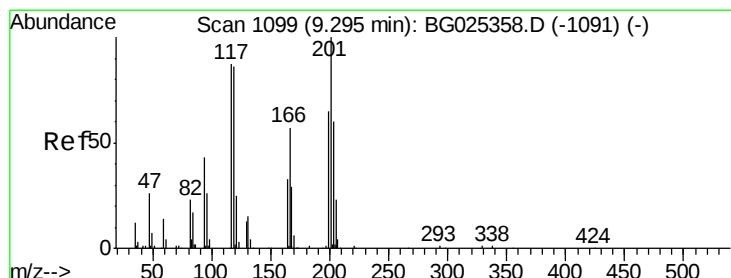
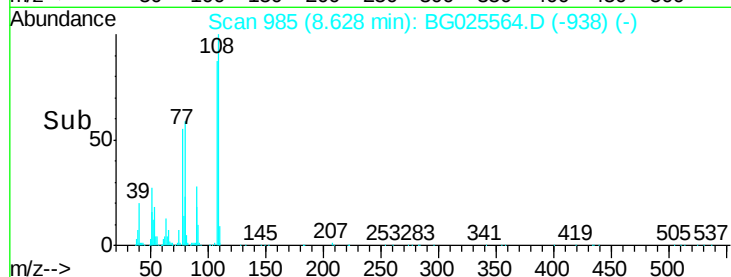
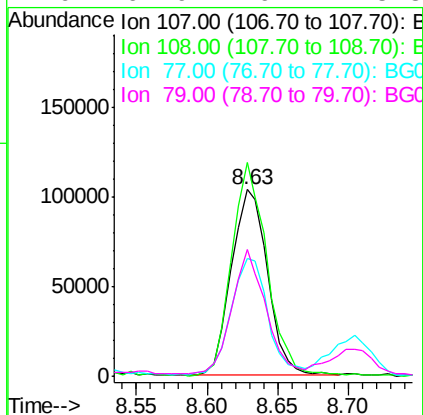
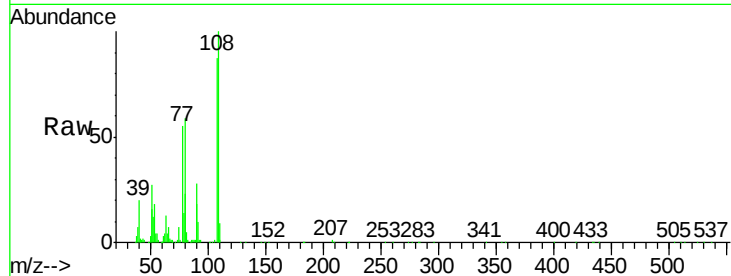




#17
2-Methylphenol
Concen: 49.76 ng
RT: 8.63 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

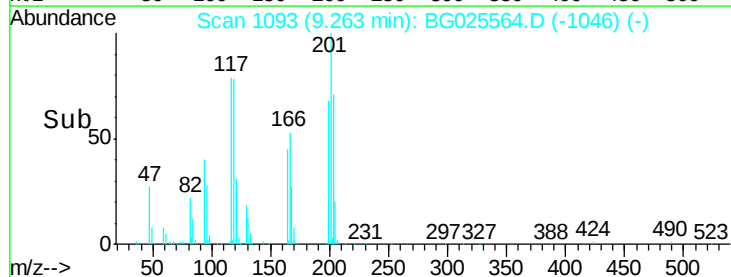
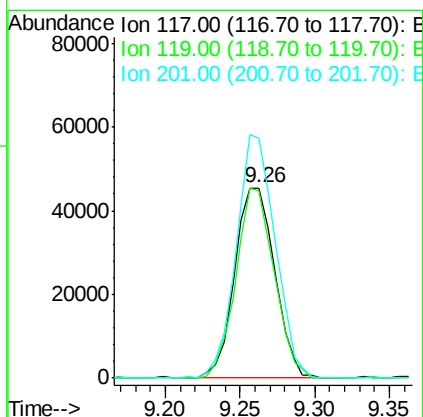
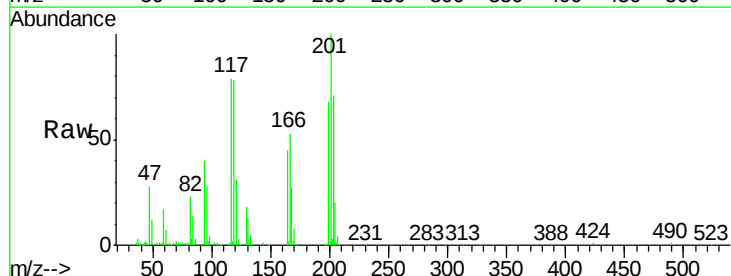
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

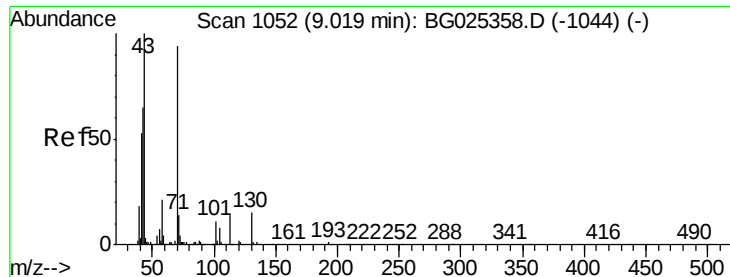
Tgt Ion:	107	Resp:	185195
Ion	Ratio	Lower	Upper
107	100		
108	114.5	85.6	128.4
77	63.4	51.4	77.2
79	67.9	49.2	73.8



#18
Hexachloroethane
Concen: 42.79 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion:	117	Resp:	84406
Ion	Ratio	Lower	Upper
117	100		
119	98.2	69.8	104.6
201	126.3	95.4	143.0

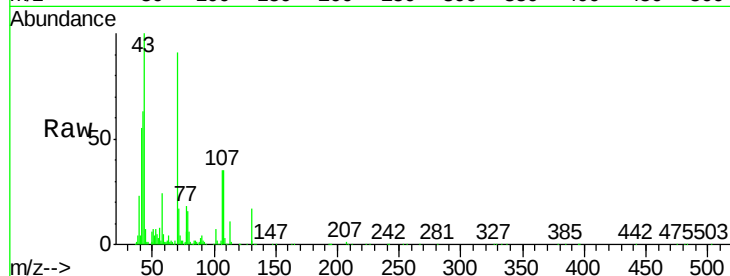




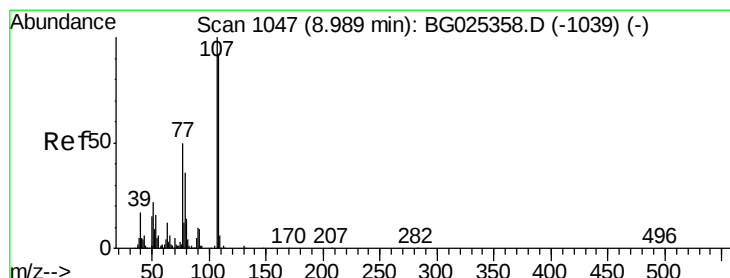
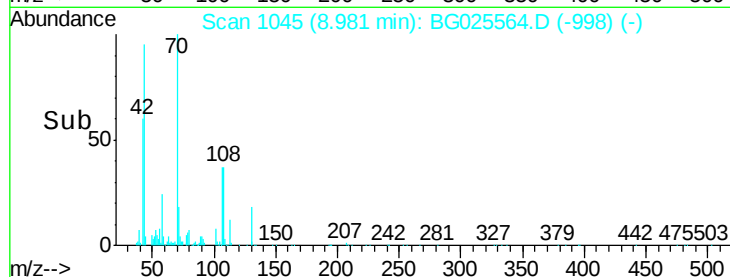
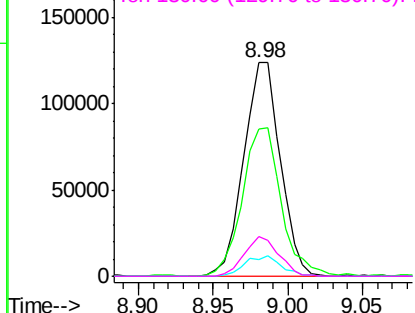
#19
n-Nitroso-di-n-propylamine
Concen: 48.58 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tgt Ion:	70	Resp:	209777
Ion	Ratio	Lower	Upper
70	100		
42	68.9	56.1	84.1
101	8.0	7.5	11.3
130	18.4	14.6	21.8

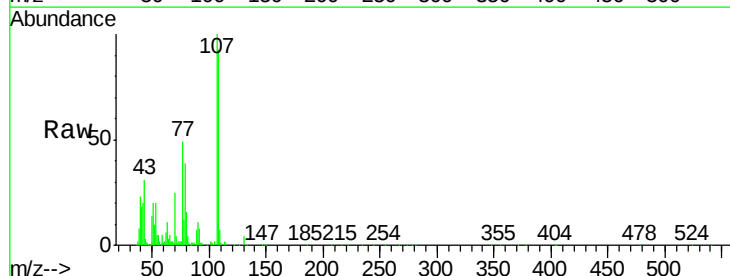


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

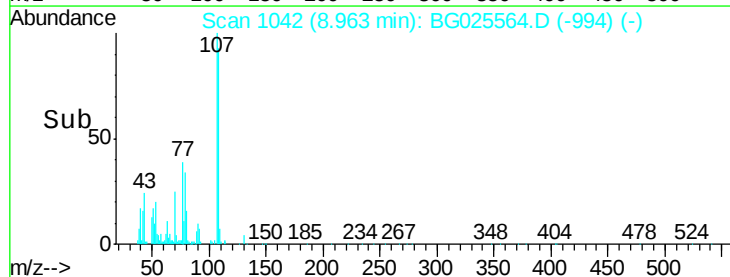
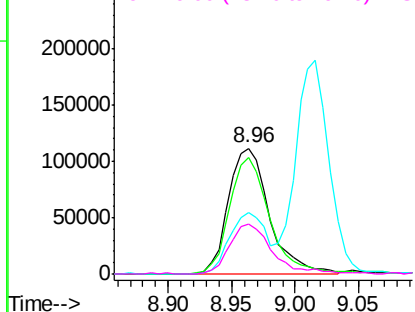


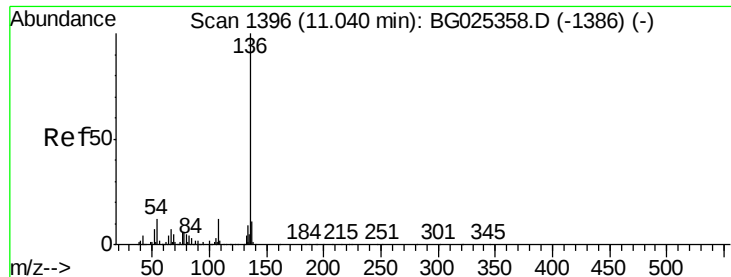
#20
3+4-Methylphenols
Concen: 48.55 ng
RT: 8.96 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion:	107	Resp:	250061
Ion	Ratio	Lower	Upper
107	100		
108	92.5	70.8	110.8
77	48.6	25.8	65.8
79	39.3	20.1	60.1



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

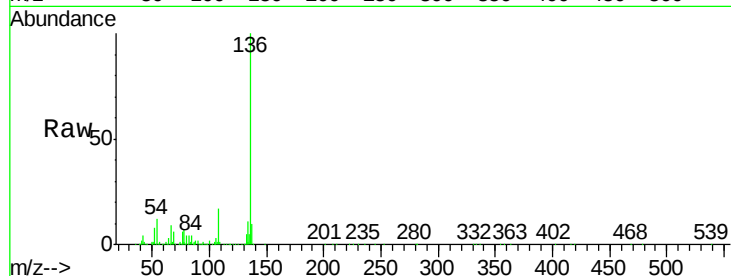




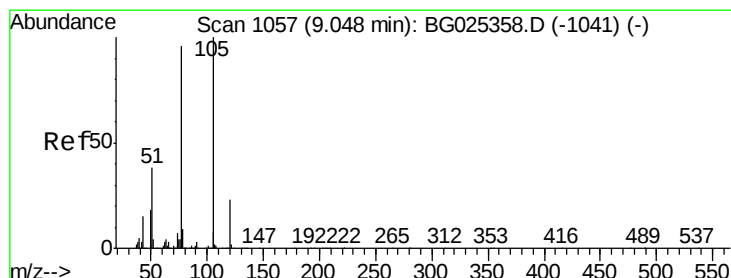
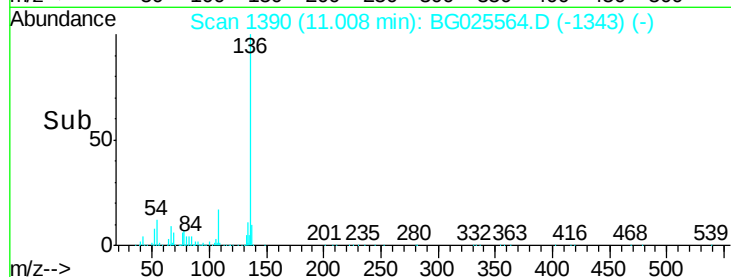
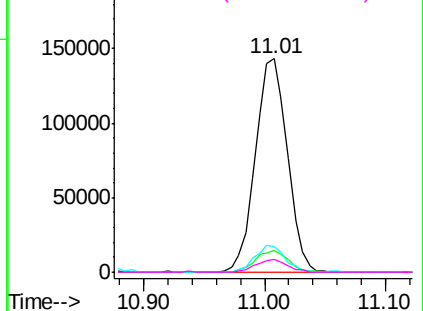
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tgt Ion:	136	Resp:	262728
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	12.2	9.3	13.9
68	5.9	5.1	7.7

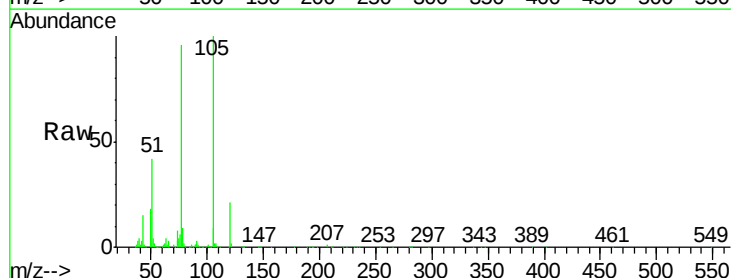


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

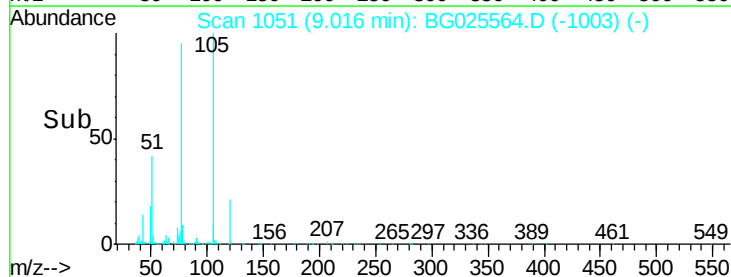
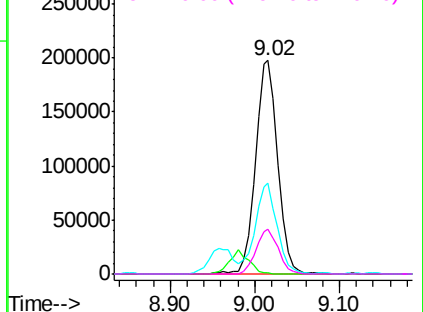


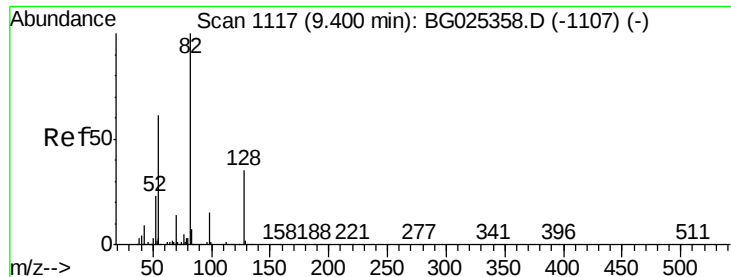
#22
Acetophenone
Concen: 49.85 ng
RT: 9.02 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion:	105	Resp:	363916
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.9	1.3#
51	42.4	34.0	51.0
120	20.8	17.3	25.9



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

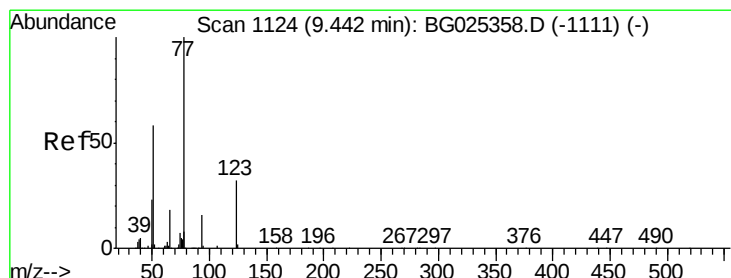
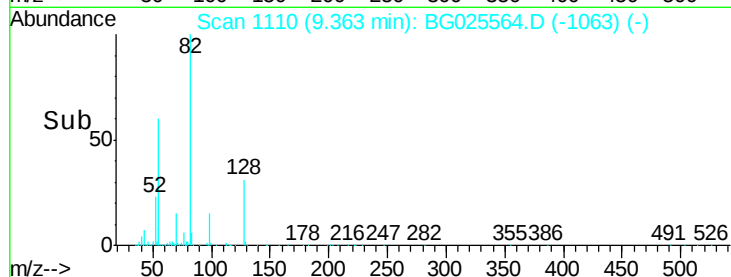
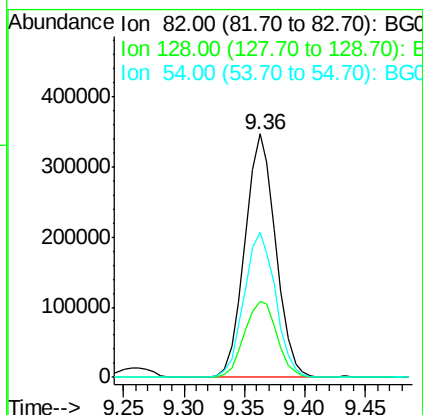
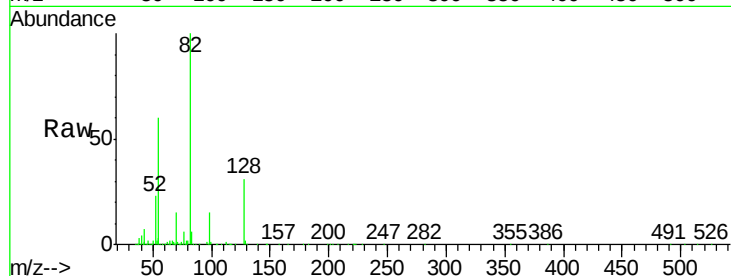




#23
 Nitrobenzene-d5
 Concen: 103.68 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

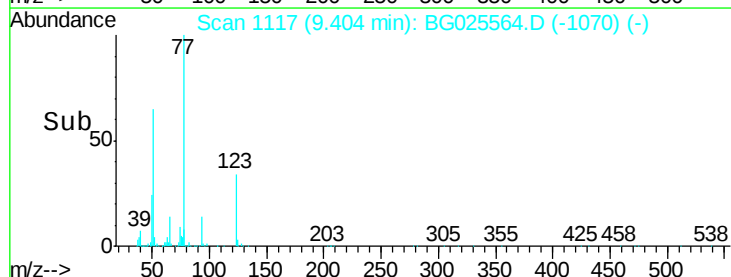
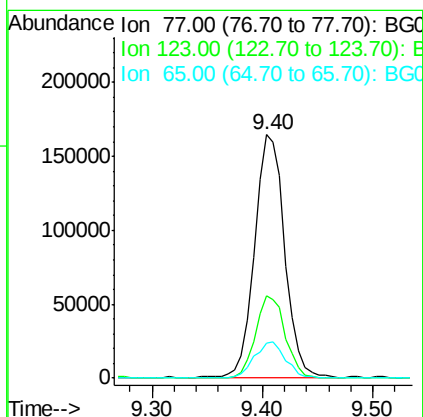
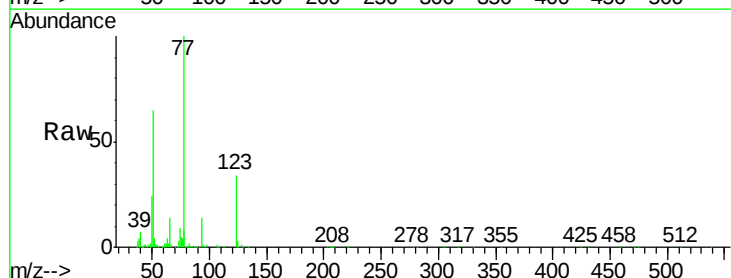
Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

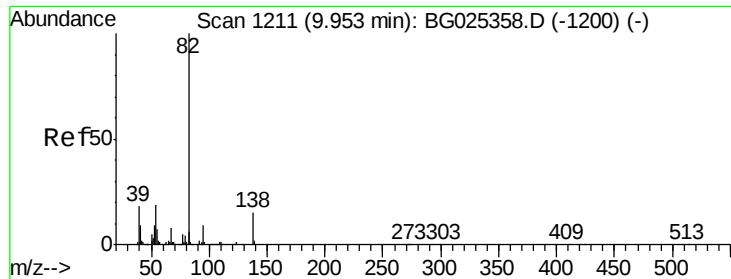
Tgt Ion: 82 Resp: 616621
 Ion Ratio Lower Upper
 82 100
 128 31.3 26.4 39.6
 54 59.7 49.4 74.2



#24
 Nitrobenzene
 Concen: 48.53 ng
 RT: 9.40 min Scan# 1117
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion: 77 Resp: 316570
 Ion Ratio Lower Upper
 77 100
 123 33.7 26.1 39.1
 65 14.4 12.4 18.6





#25

Isophorone

Concen: 52.77 ng

RT: 9.92 min Scan# 1205

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

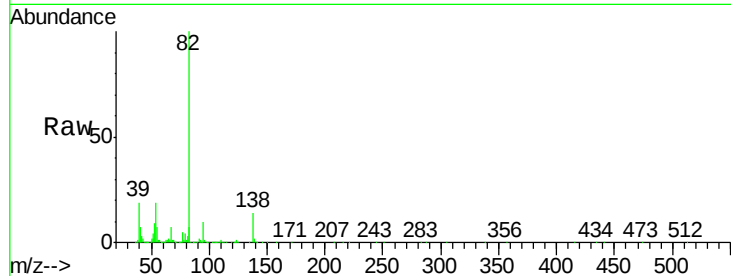
Tgt Ion: 82 Resp: 568214

Ion Ratio Lower Upper

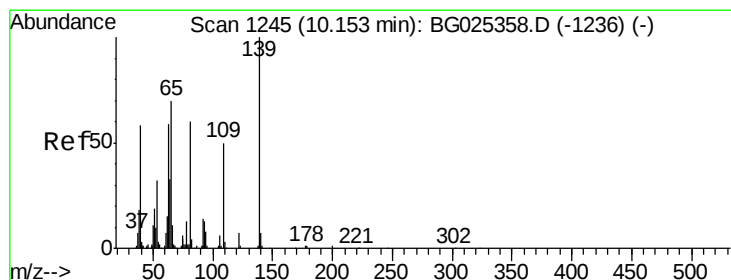
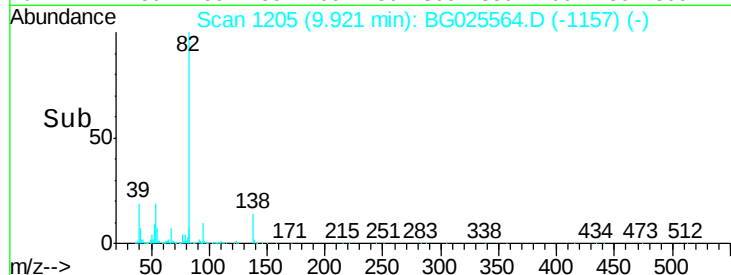
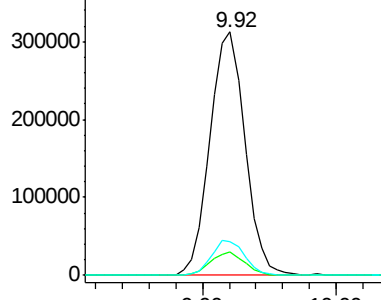
82 100

95 9.6 7.5 11.3

138 14.1 12.3 18.5



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: 49.00 ng

RT: 10.12 min Scan# 1239

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

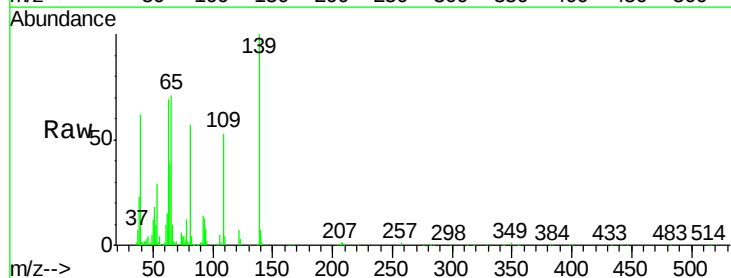
Tgt Ion: 139 Resp: 122237

Ion Ratio Lower Upper

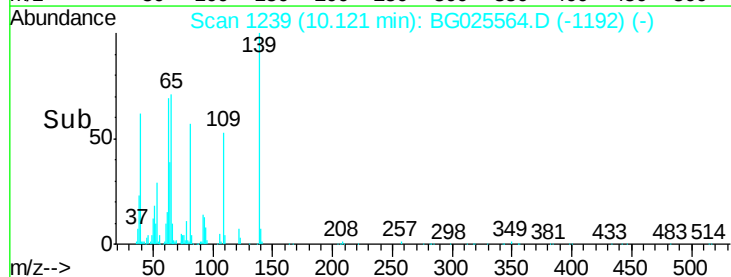
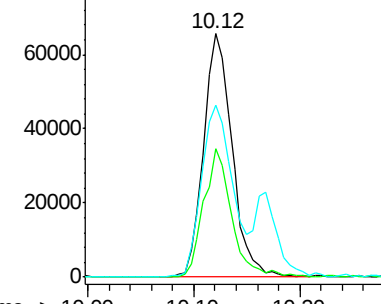
139 100

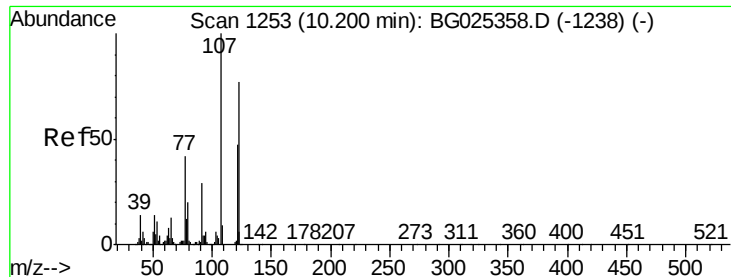
109 52.9 38.6 58.0

65 70.8 57.1 85.7



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

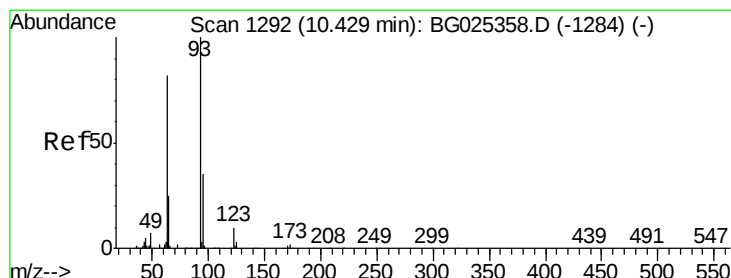
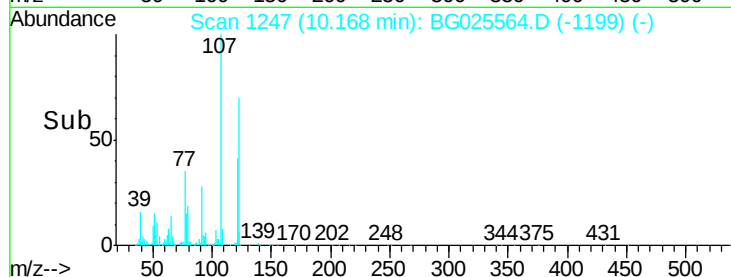
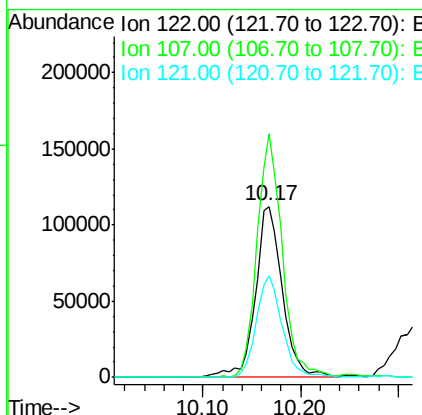
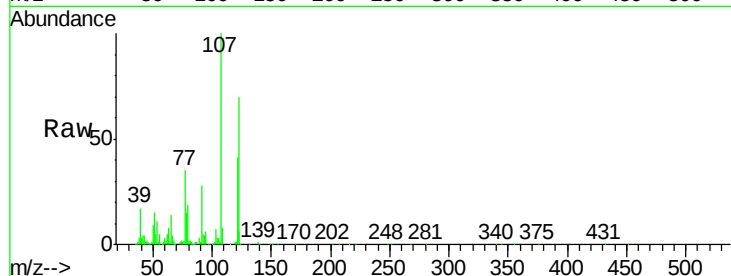




#27
 2,4-Dimethylphenol
 Concen: 53.29 ng
 RT: 10.17 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

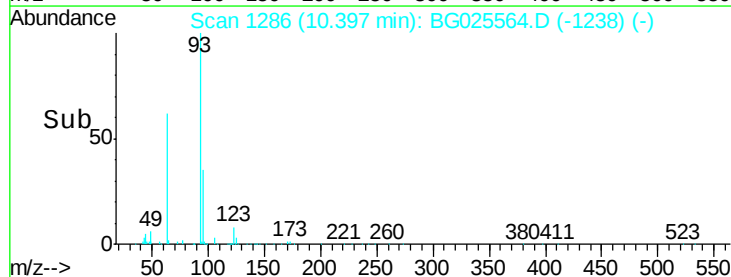
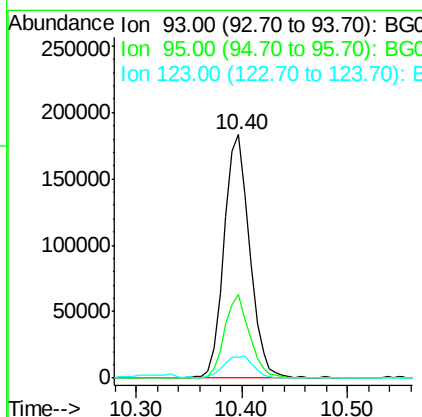
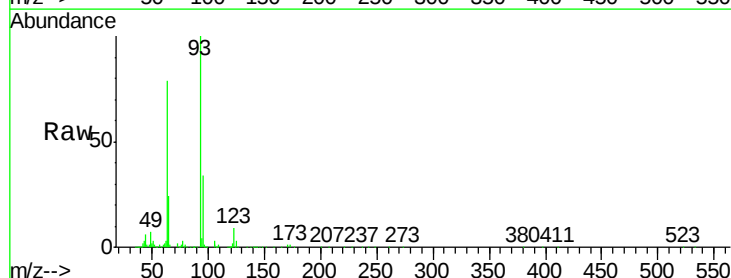
Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

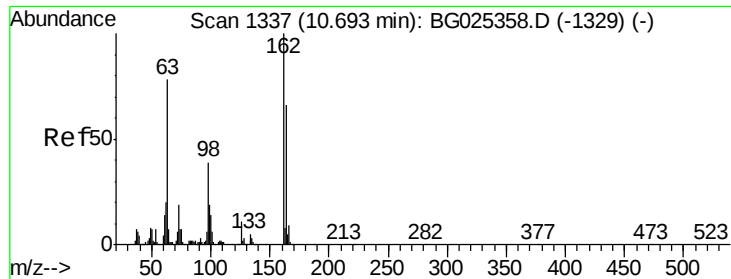
Tgt Ion	Ratio	Lower	Upper
122	100		
107	142.2	104.2	156.4
121	59.0	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.05 ng
 RT: 10.40 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	25.7	38.5
123	8.8	8.3	12.5

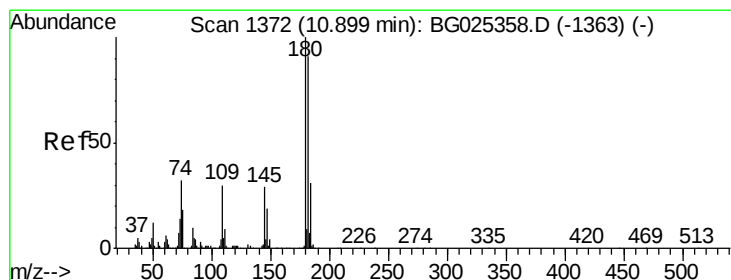
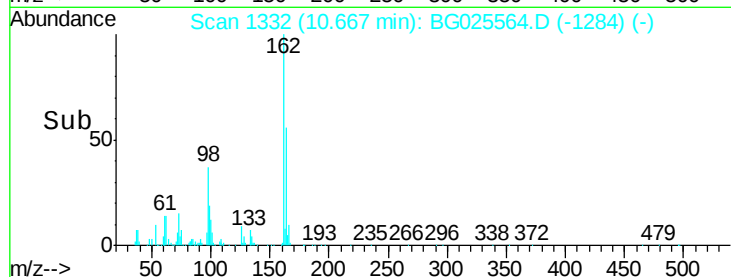
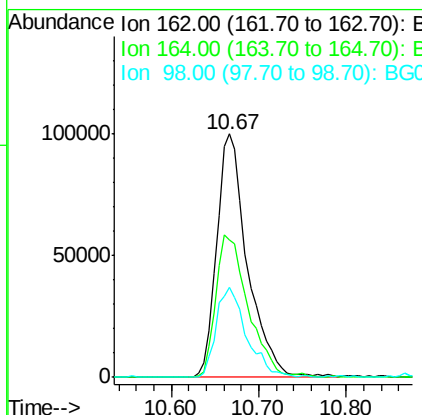
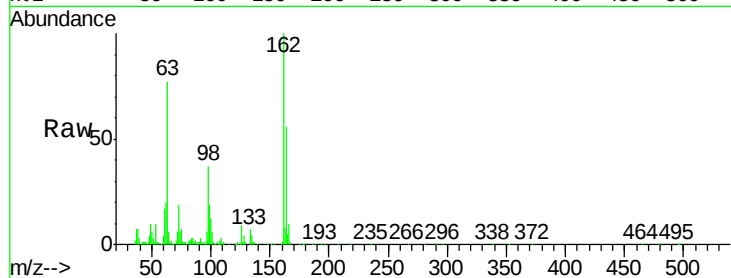




#29
2,4-Dichlorophenol
Concen: 54.79 ng
RT: 10.67 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

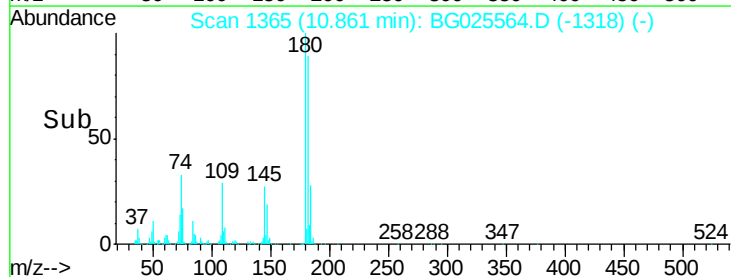
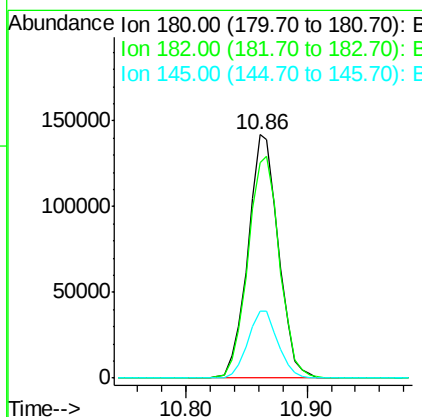
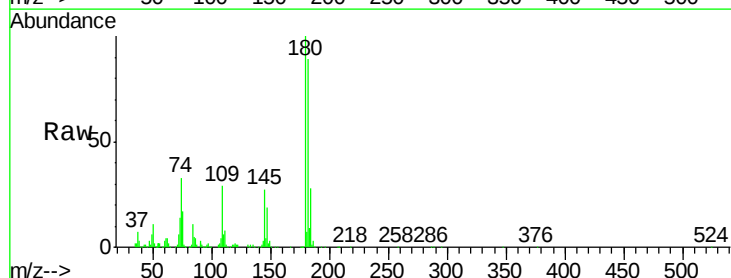
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

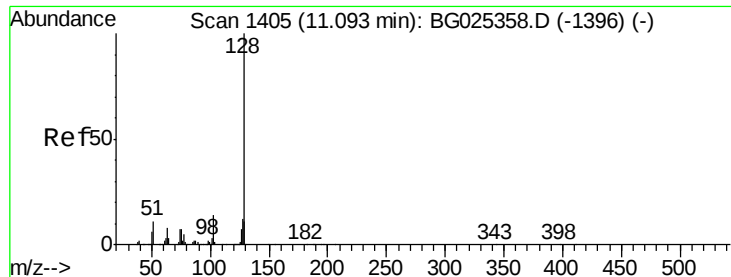
Tgt Ion:162 Resp: 240472
Ion Ratio Lower Upper
162 100
164 56.2 42.4 82.4
98 37.0 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 46.96 ng
RT: 10.86 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion:180 Resp: 249000
Ion Ratio Lower Upper
180 100
182 88.7 77.0 115.4
145 27.4 23.4 35.0

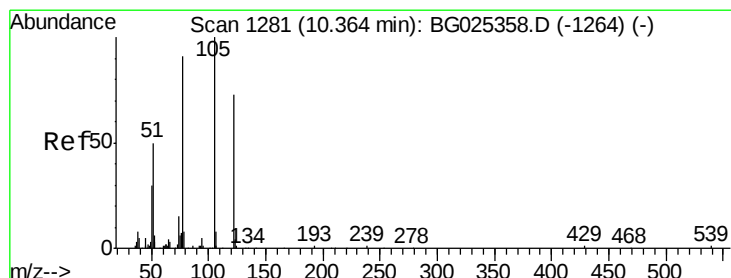
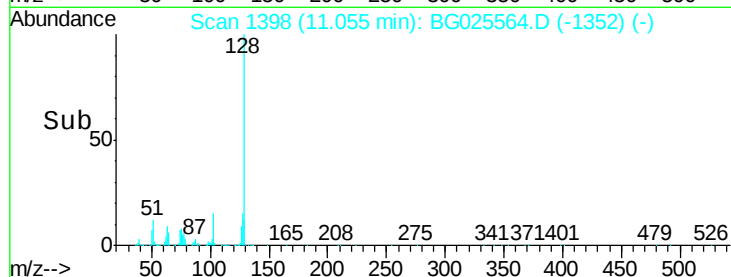
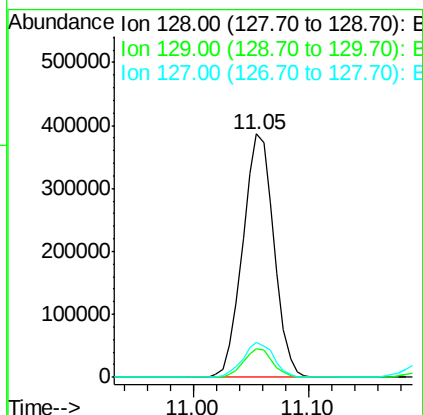
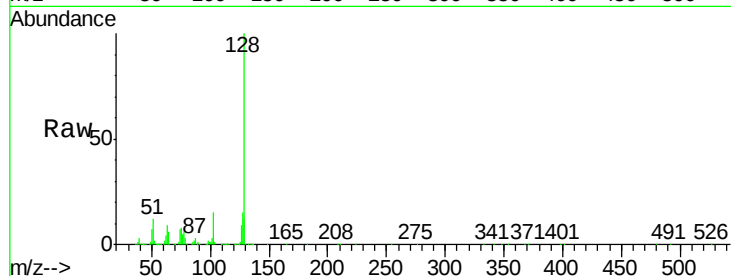




#31
Naphthalene
Concen: 55.17 ng
RT: 11.05 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

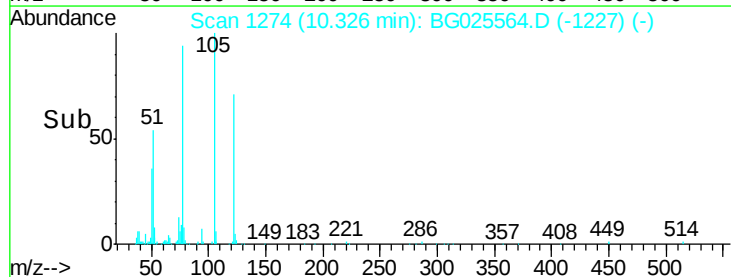
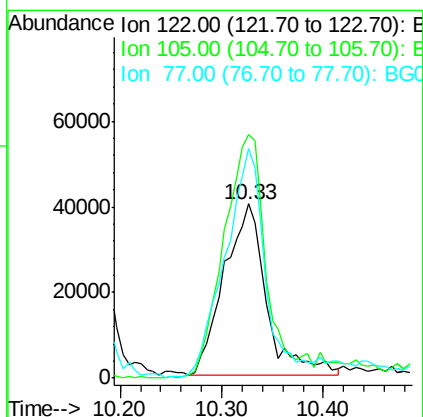
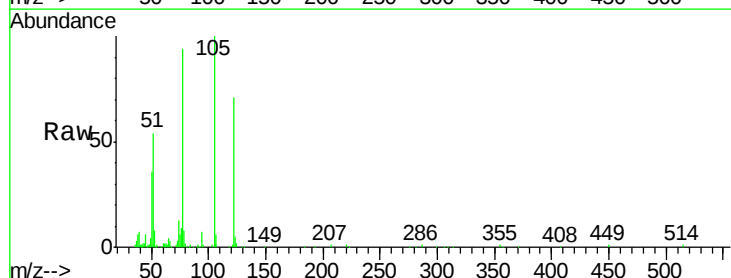
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

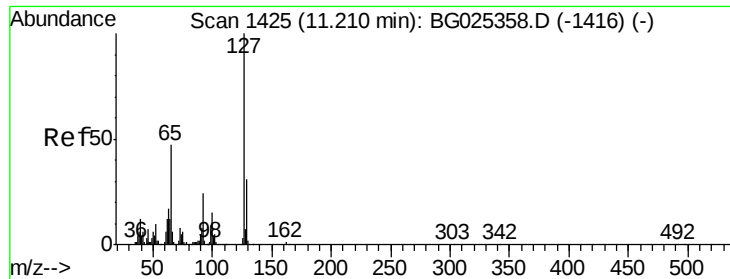
Tgt Ion:128 Resp: 723768
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 14.6 11.4 17.0



#32
Benzoic acid
Concen: 35.25 ng
RT: 10.33 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion:122 Resp: 116265
Ion Ratio Lower Upper
122 100
105 140.0 120.1 160.1
77 131.9 104.6 144.6

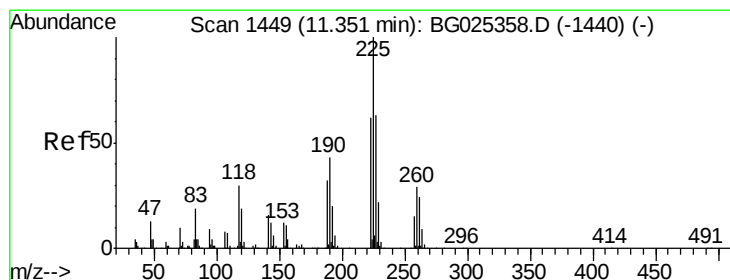
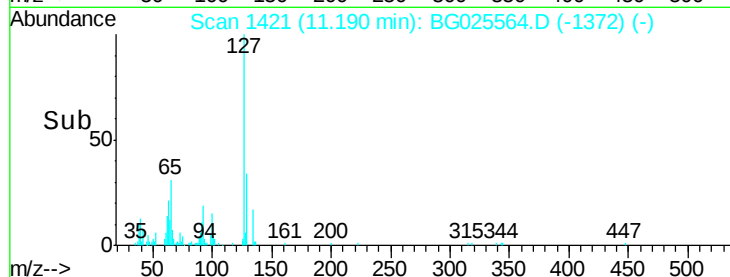
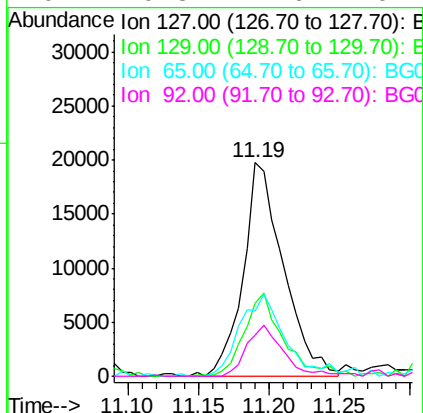
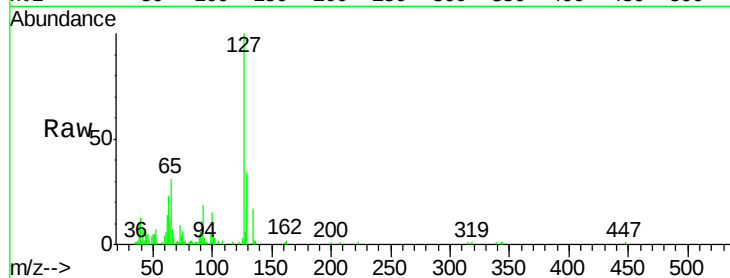




#33
4-Chloroaniline
Concen: 7.17 ng
RT: 11.19 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

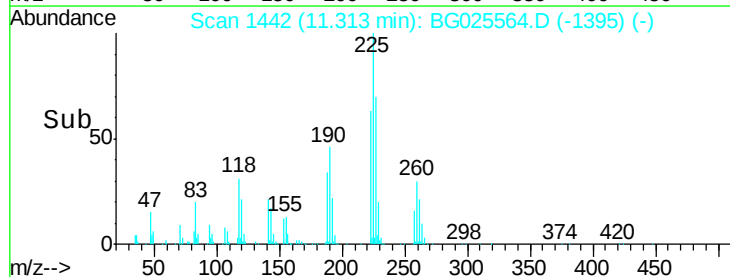
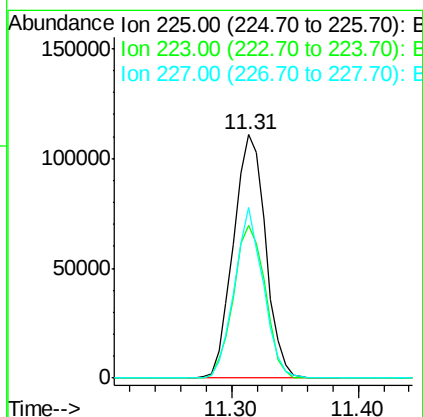
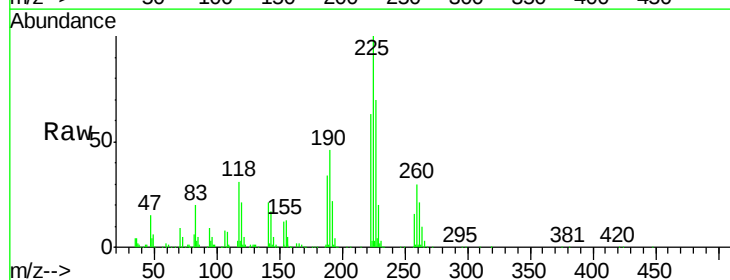
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

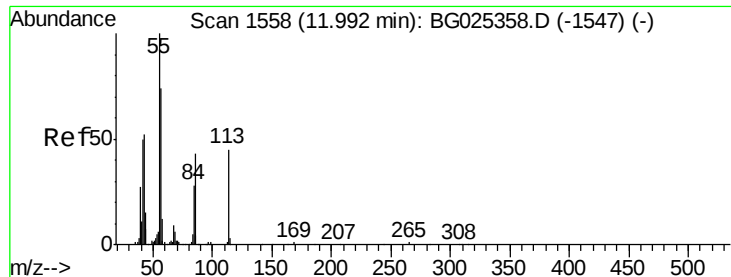
Tgt Ion:	127	Resp:	39583
Ion	Ratio	Lower	Upper
127	100		
129	34.2	23.6	35.4
65	30.6	37.7	56.5#
92	19.3	17.6	26.4



#34
Hexachlorobutadiene
Concen: 44.81 ng
RT: 11.31 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion:	225	Resp:	193950
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.7	76.1
227	69.9	49.0	73.6





#35

Caprolactam

Concen: 20.52 ng

RT: 12.01 min Scan# 1561

Delta R.T. 0.04 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

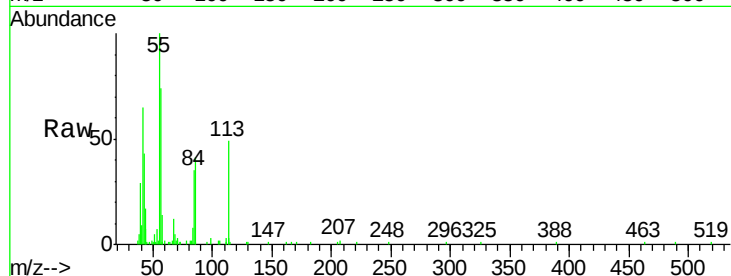
Tgt Ion:113 Resp: 33837

Ion Ratio Lower Upper

113 100

55 206.0 198.6 238.6

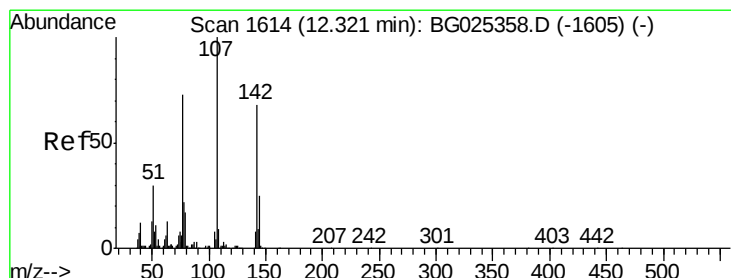
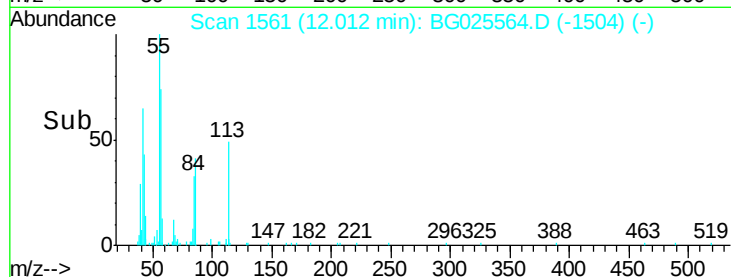
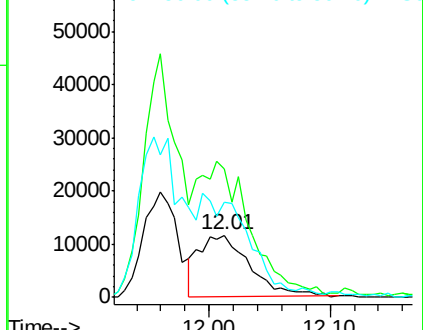
56 152.0 140.4 180.4



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: 51.89 ng

RT: 12.29 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

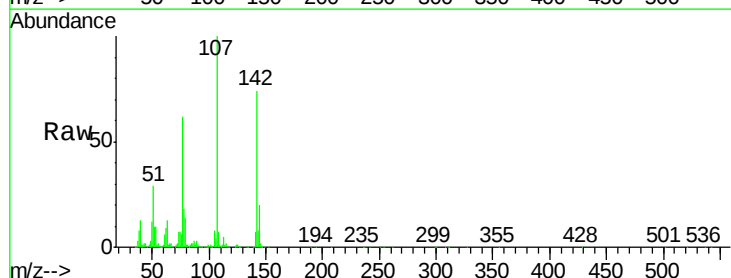
Tgt Ion:107 Resp: 281111

Ion Ratio Lower Upper

107 100

144 20.0 17.4 26.0

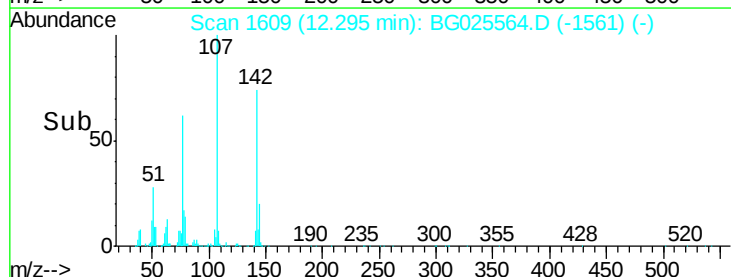
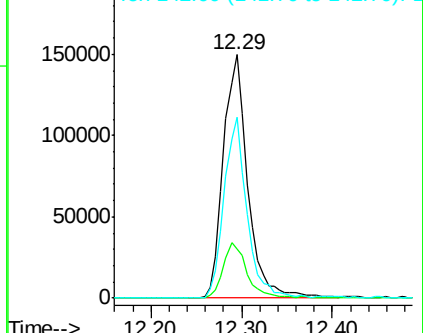
142 74.2 54.1 81.1

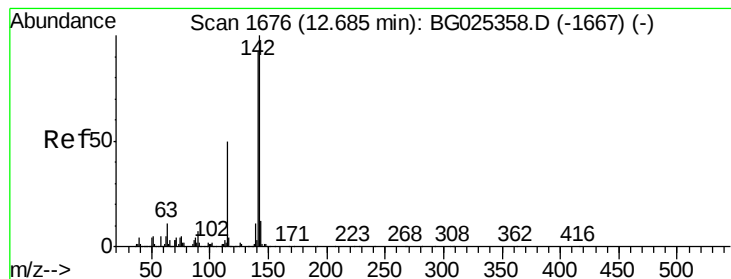


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.93 ng

RT: 12.65 min Scan# 1669

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

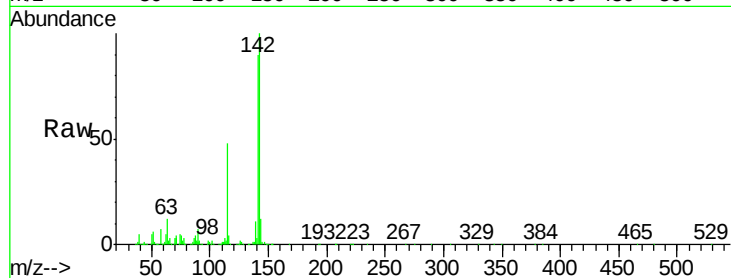
Tgt Ion:142 Resp: 504906

Ion Ratio Lower Upper

142 100

141 90.0 70.4 105.6

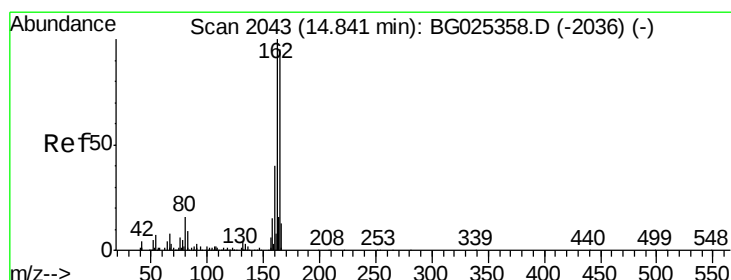
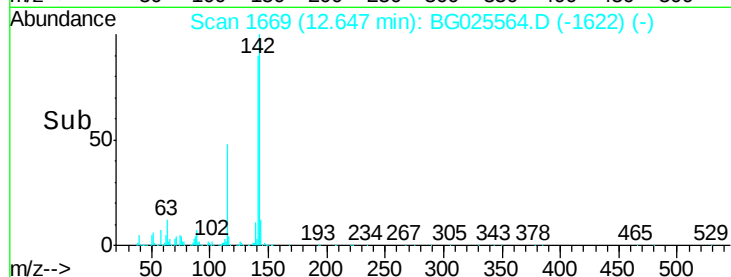
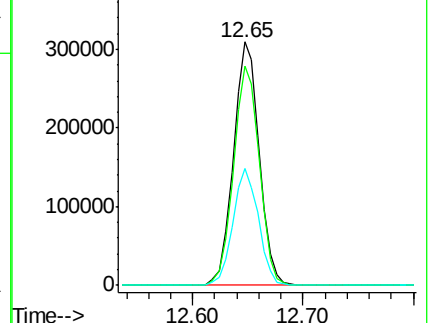
115 48.2 35.5 53.3



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: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

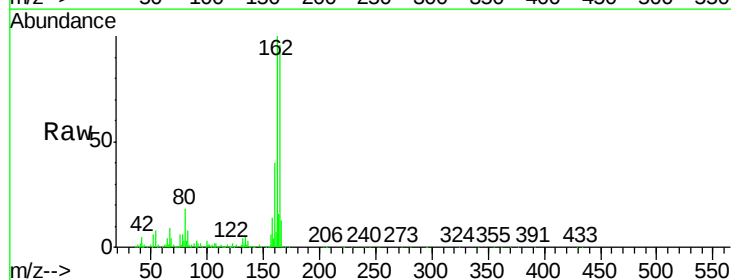
Tgt Ion:164 Resp: 213046

Ion Ratio Lower Upper

164 100

162 104.0 85.1 127.7

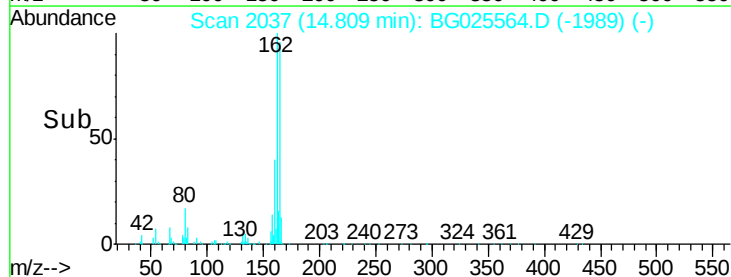
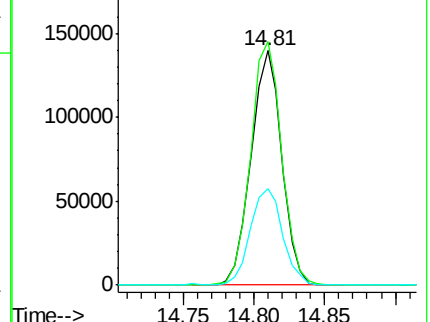
160 41.3 34.7 52.1

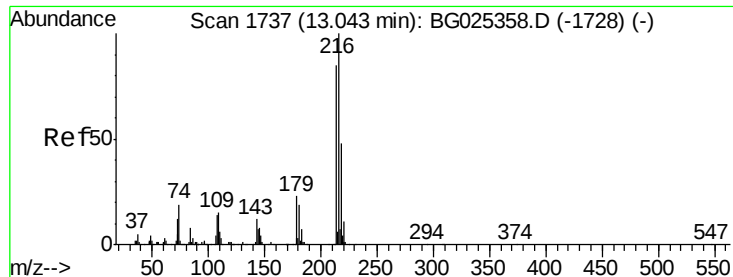


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

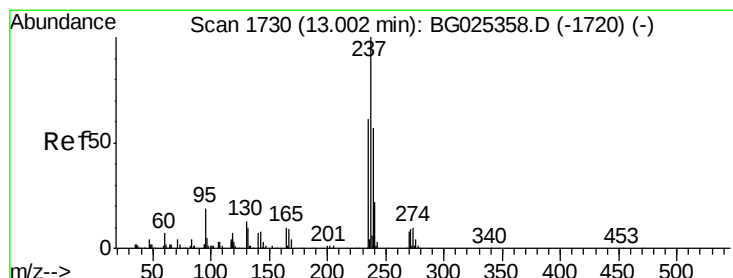
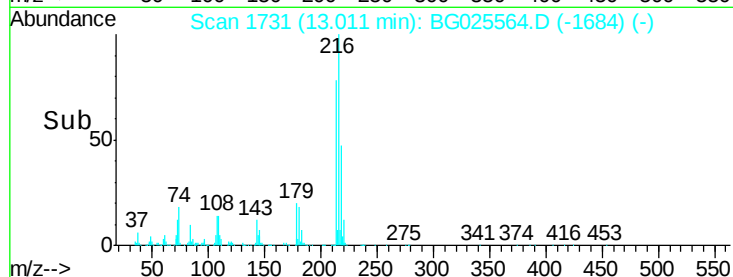
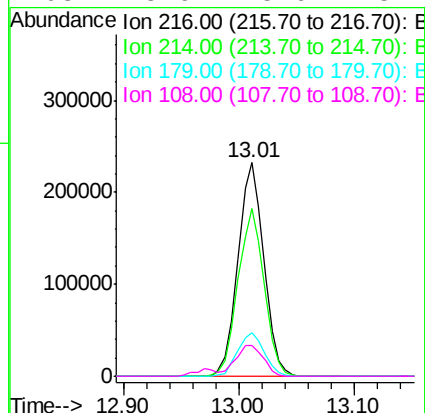
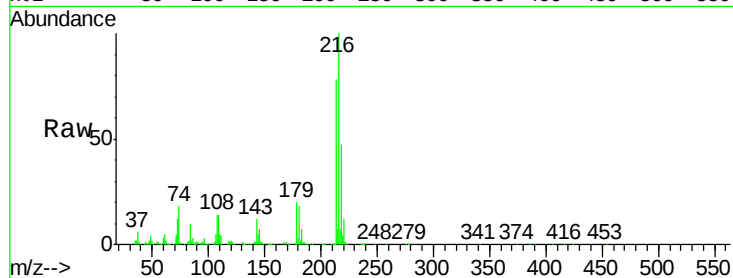




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.93 ng
 RT: 13.01 min Scan# 1731
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

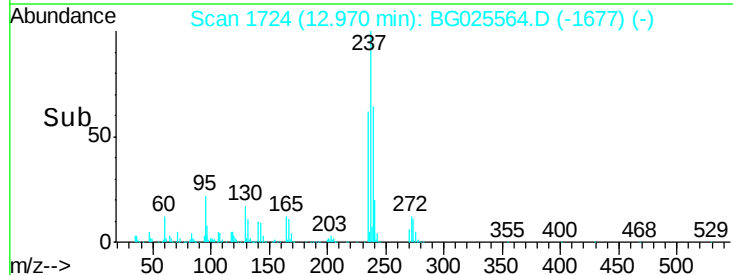
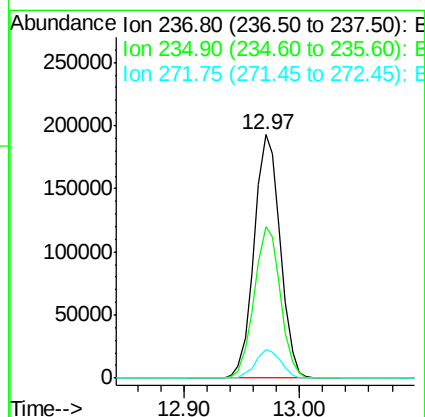
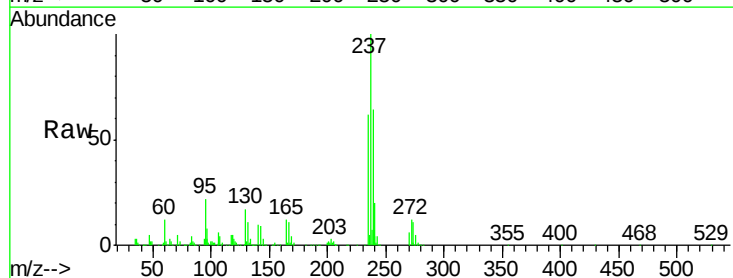
Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

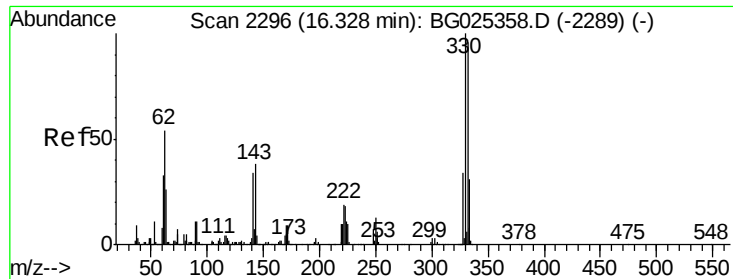
Tgt Ion:	216	Resp:	358248
Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.4	96.6
179	21.2	17.4	26.0
108	15.6	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 113.78 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion:	237	Resp:	302659
Ion	Ratio	Lower	Upper
237	100		
235	62.0	39.4	79.4
272	11.7	0.0	32.0

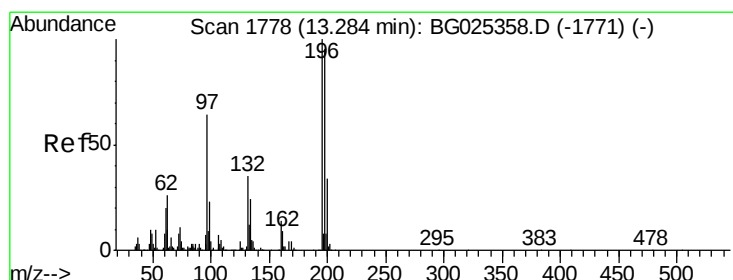
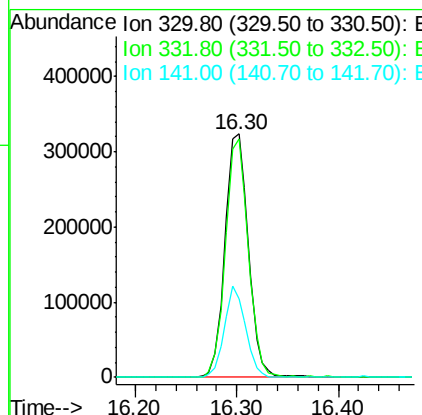
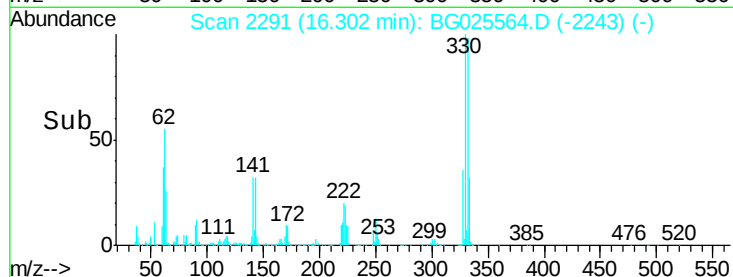
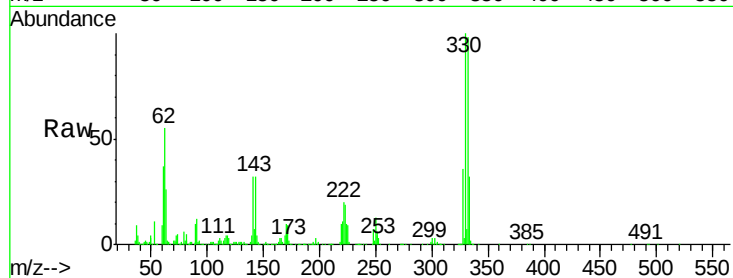




#41
 2,4,6-Tribromophenol
 Concen: 151.40 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

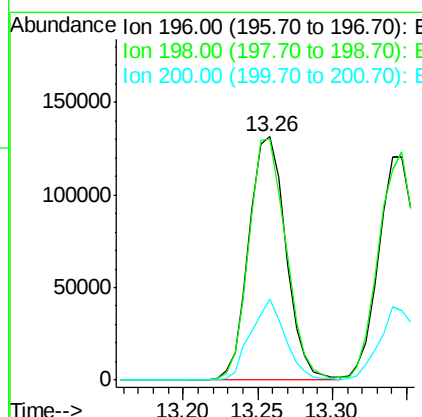
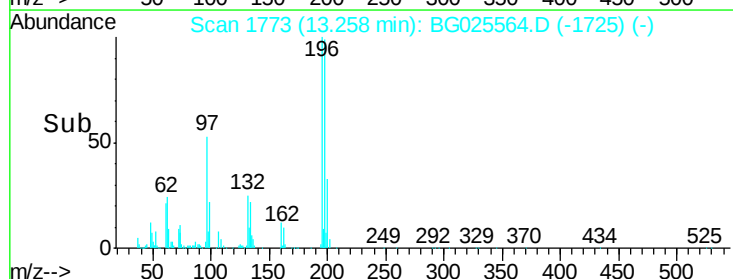
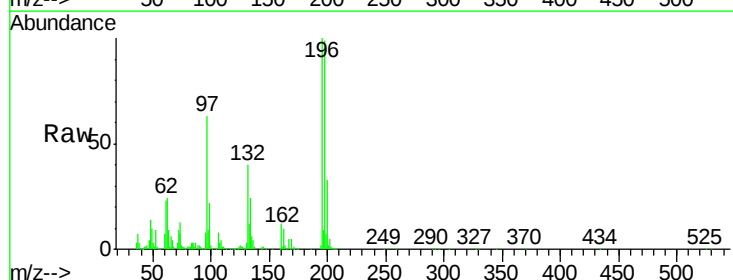
Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

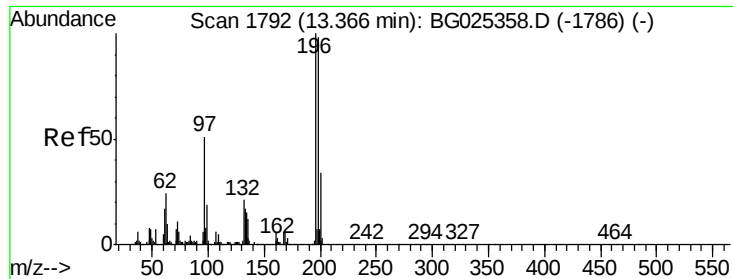
Tgt Ion:330 Resp: 519284
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 34.2 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 50.93 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion:196 Resp: 225560
 Ion Ratio Lower Upper
 196 100
 198 99.0 81.4 122.2
 200 33.3 27.0 40.6

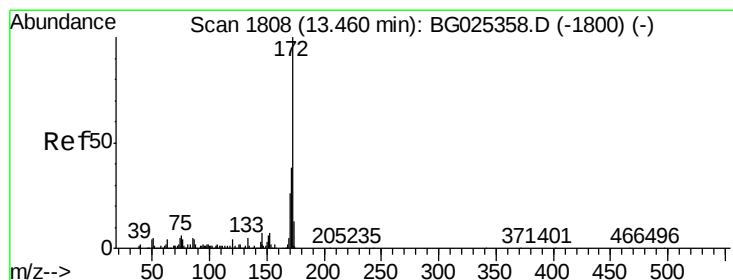
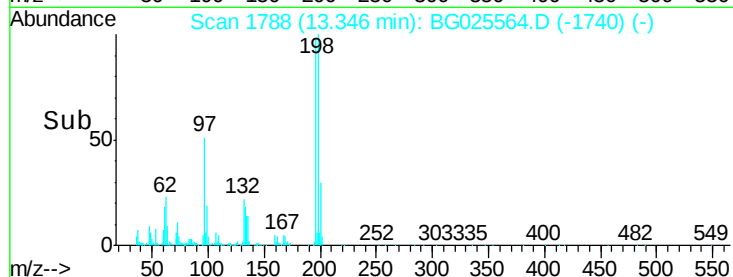
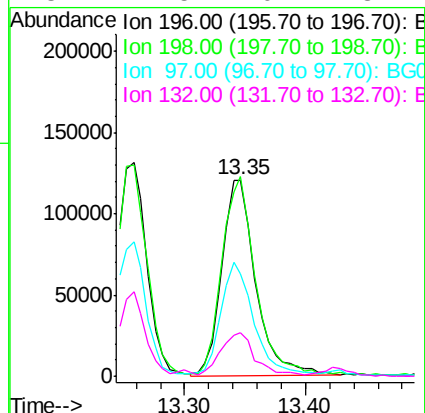
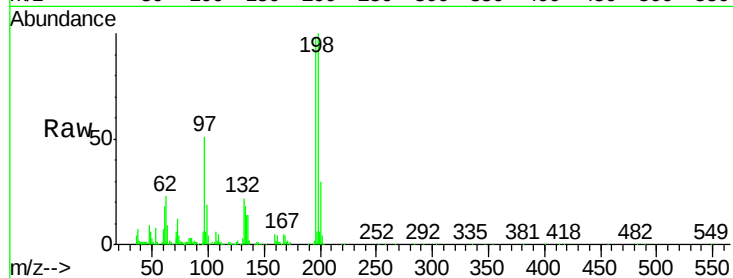




#43
 2,4,5-Trichlorophenol
 Concen: 50.28 ng
 RT: 13.35 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

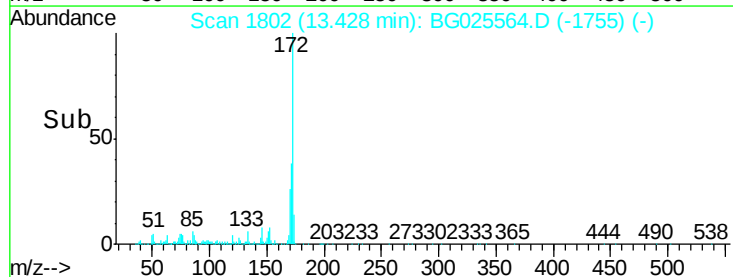
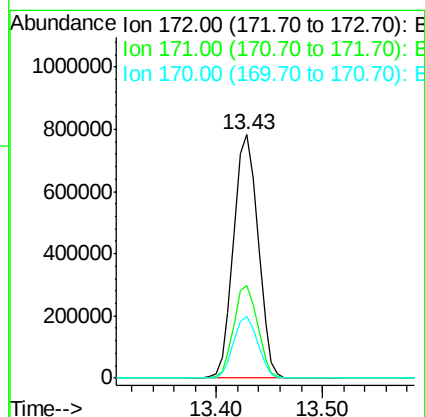
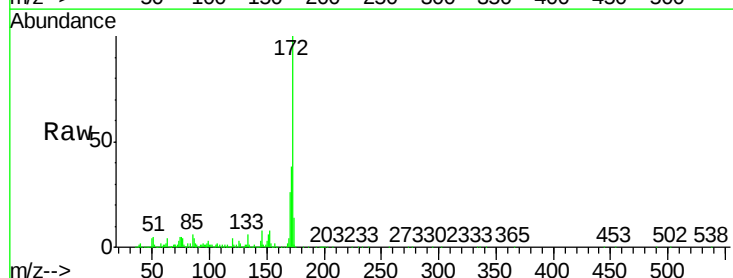
Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

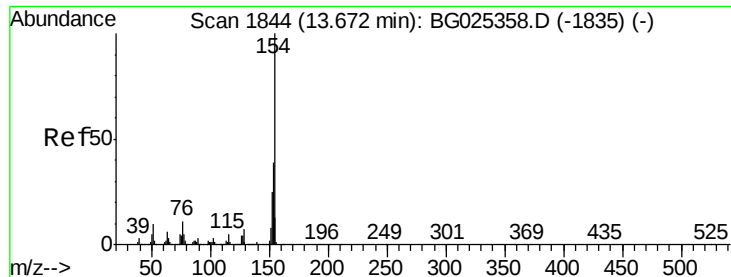
Tgt Ion:196 Resp: 233107
 Ion Ratio Lower Upper
 196 100
 198 102.0 79.9 119.9
 97 52.1 45.4 68.0
 132 22.5 20.7 31.1



#44
 2-Fluorobiphenyl
 Concen: 95.08 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion:172 Resp: 1251131
 Ion Ratio Lower Upper
 172 100
 171 37.8 32.2 48.2
 170 25.5 21.8 32.6

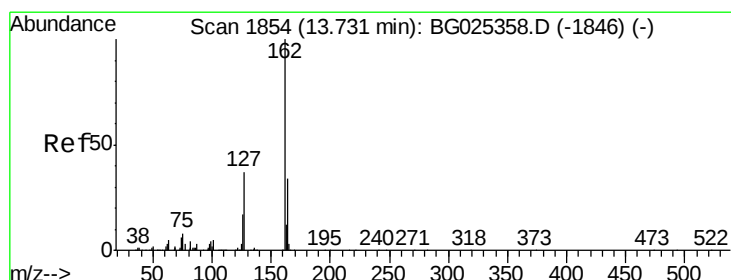
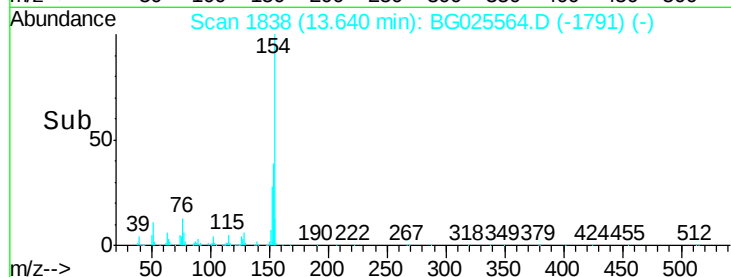
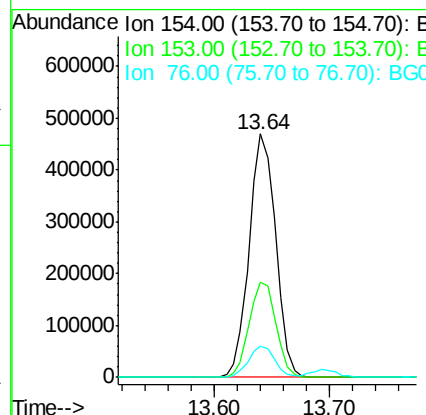
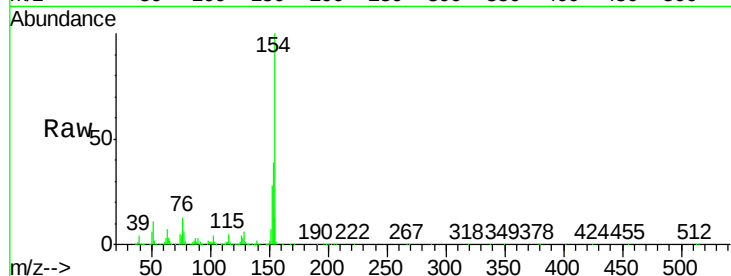




#45
 1,1'-Biphenyl
 Concen: 52.46 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

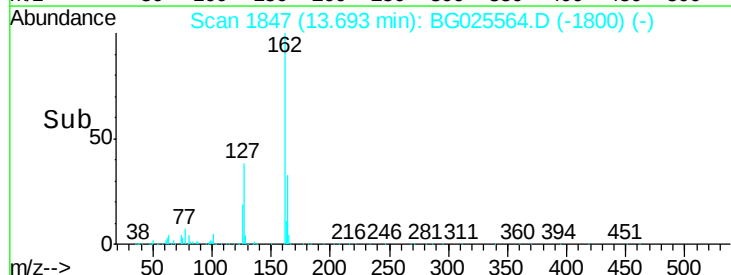
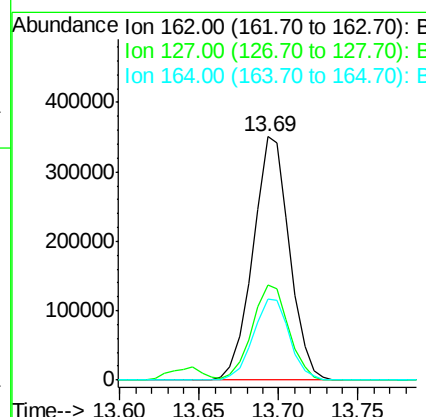
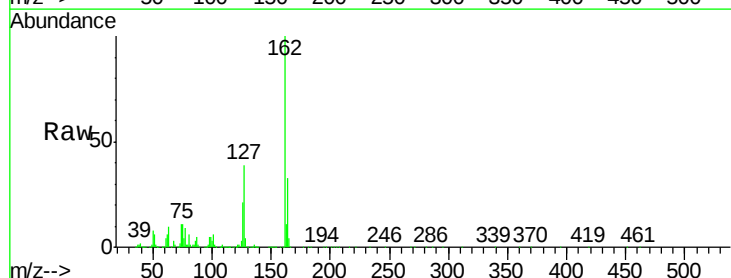
Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

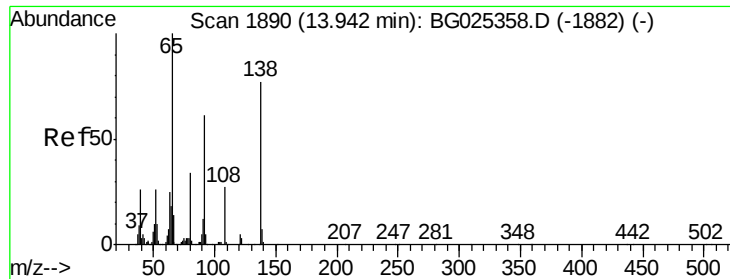
Tgt Ion:	154	Resp:	751758
Ion	Ratio	Lower	Upper
154	100		
153	38.9	23.0	63.0
76	12.8	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 50.03 ng
 RT: 13.69 min Scan# 1847
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion:	162	Resp:	560095
Ion	Ratio	Lower	Upper
162	100		
127	39.1	32.2	48.4
164	33.3	27.3	40.9

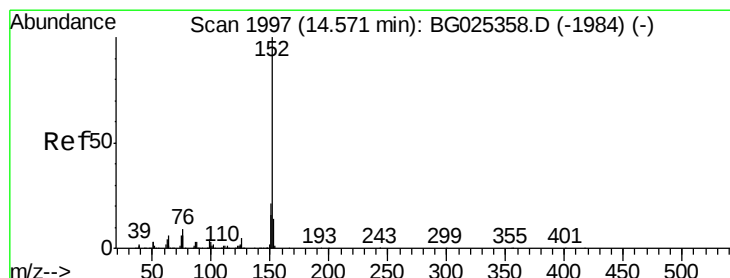
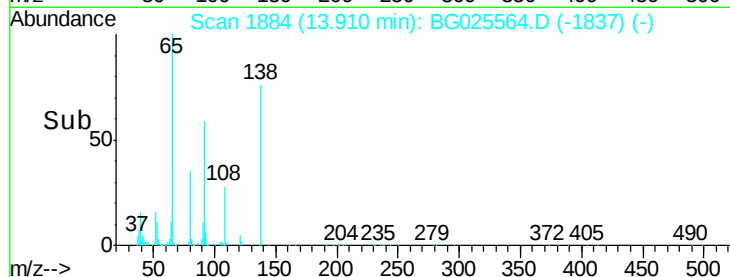
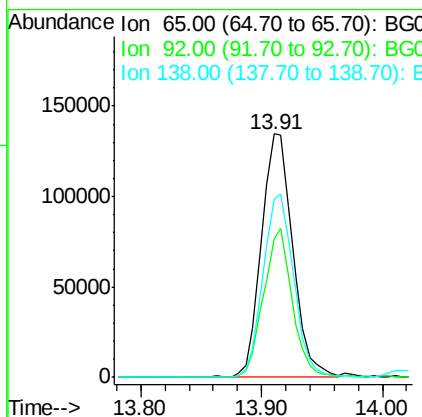
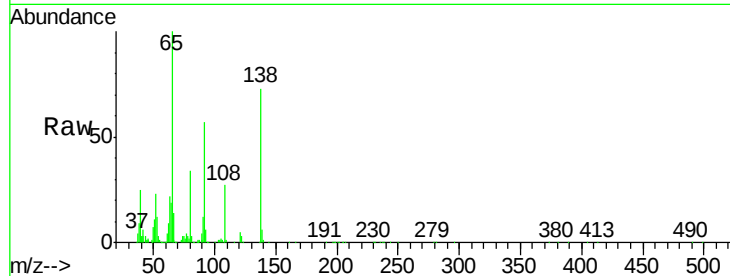




#47
2-Nitroaniline
Concen: 51.10 ng
RT: 13.91 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

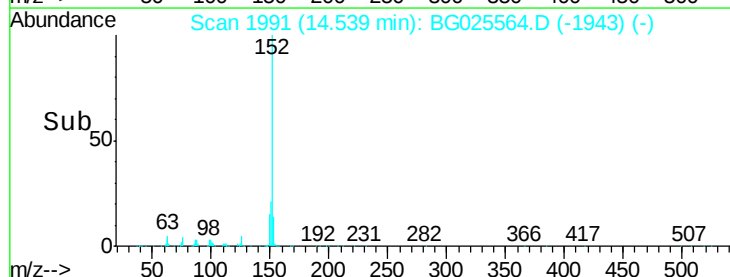
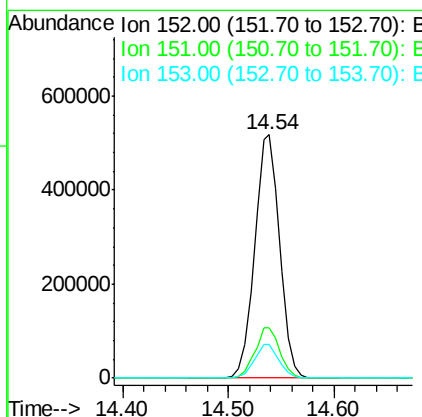
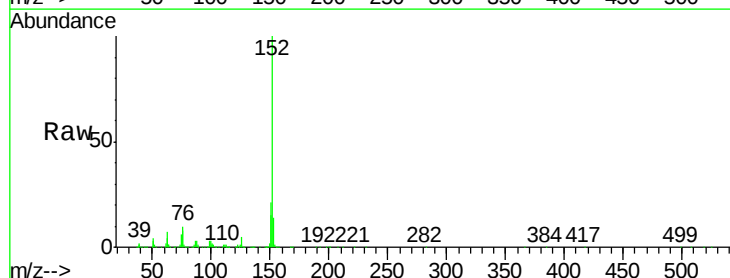
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

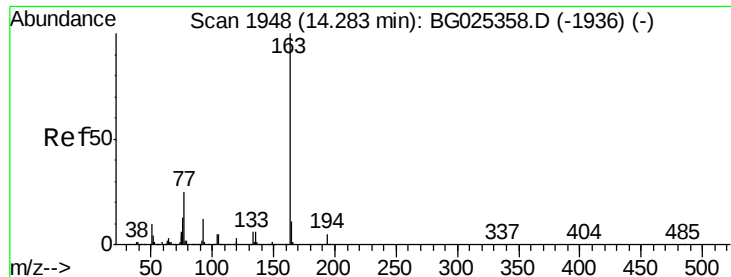
Tgt Ion: 65 Resp: 241450
Ion Ratio Lower Upper
65 100
92 57.0 49.0 73.4
138 73.0 58.6 87.8



#48
Acenaphthylene
Concen: 49.20 ng
RT: 14.54 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion: 152 Resp: 853735
Ion Ratio Lower Upper
152 100
151 20.7 18.2 27.2
153 14.0 11.3 16.9





#49

Dimethylphthalate

Concen: 50.85 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

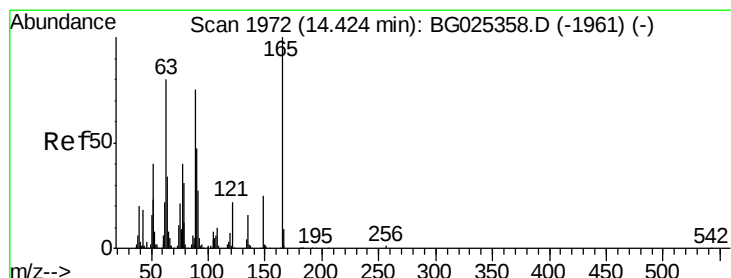
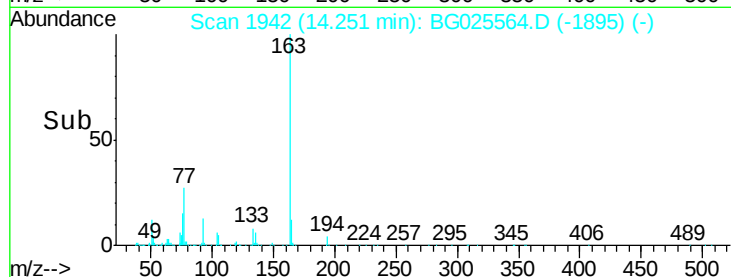
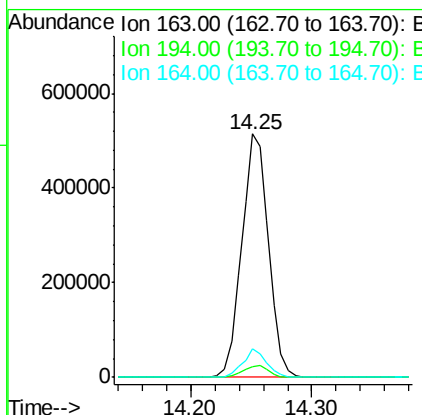
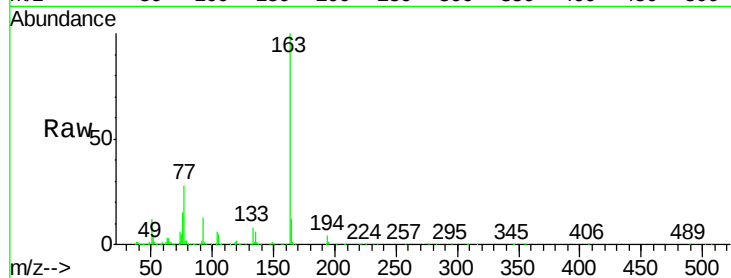
Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tgt Ion:	163	Resp:	789856
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	11.5	9.3	13.9



#50

2,6-Dinitrotoluene

Concen: 49.80 ng

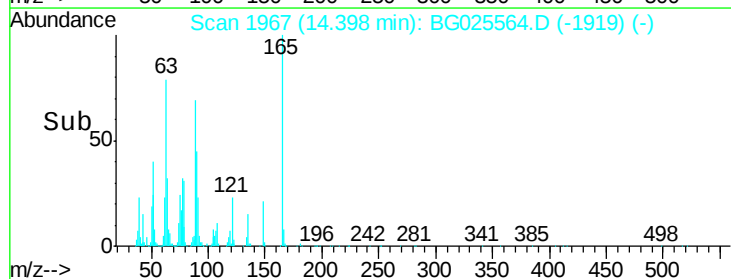
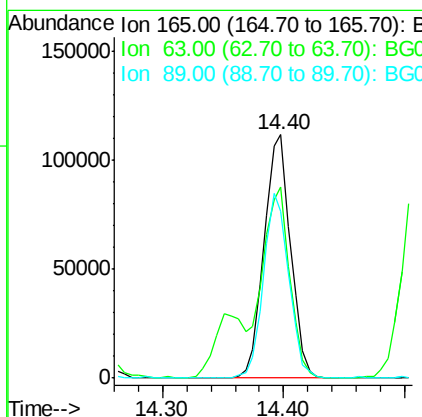
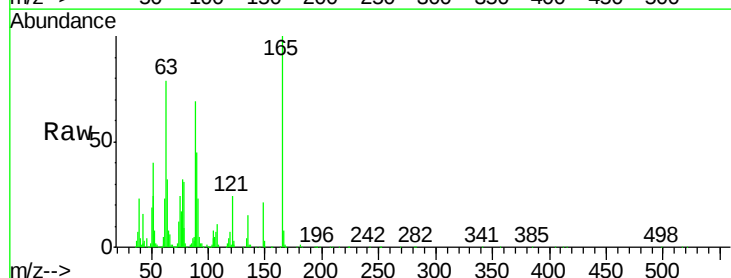
RT: 14.40 min Scan# 1967

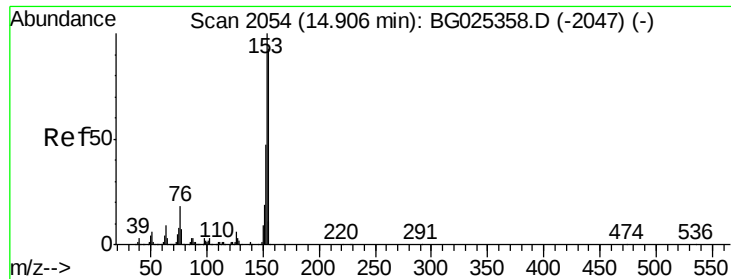
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	165	Resp:	168964
Ion	Ratio	Lower	Upper
165	100		
63	78.6	63.9	95.9
89	68.7	58.6	88.0

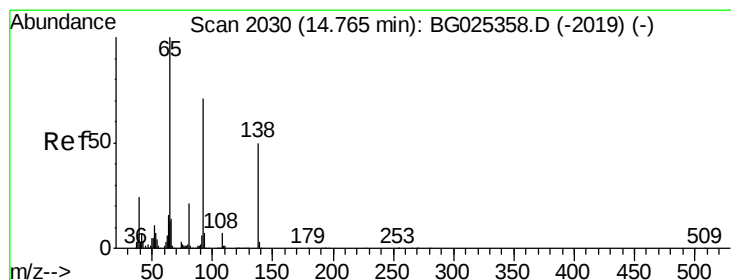
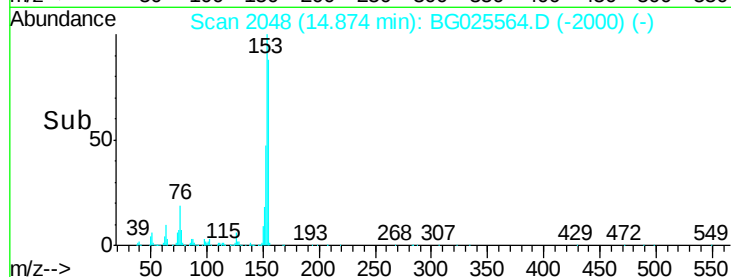
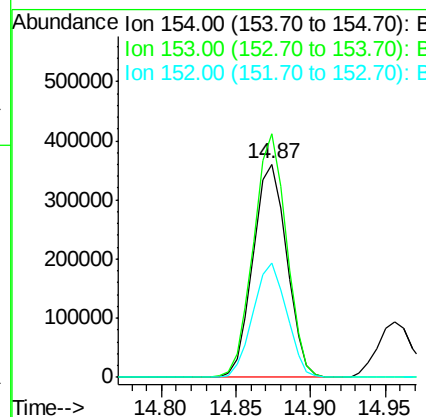
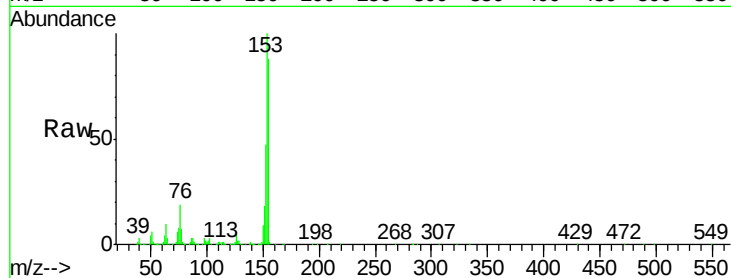




#51
Acenaphthene
Concen: 49.66 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

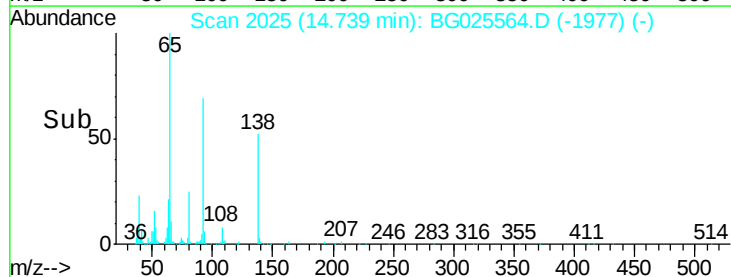
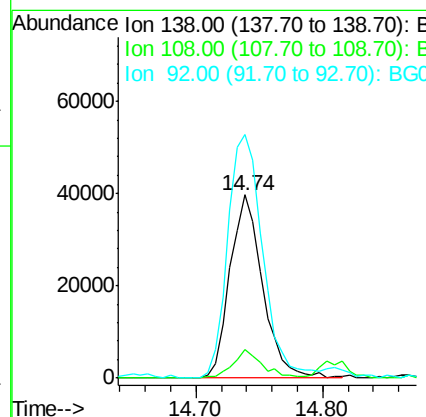
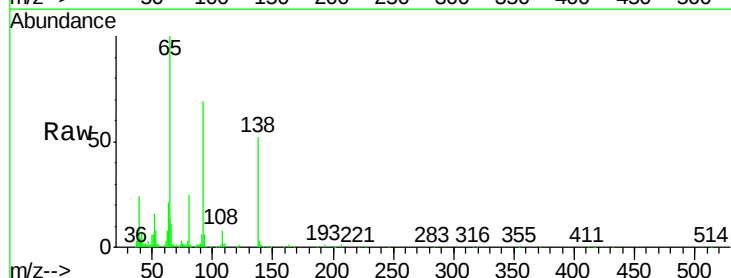
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

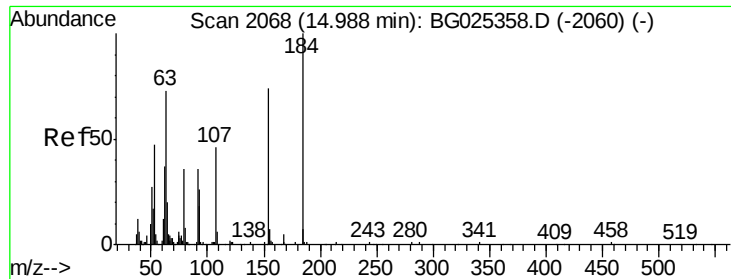
Tgt Ion:154 Resp: 563628
Ion Ratio Lower Upper
154 100
153 114.3 87.8 131.6
152 53.6 42.2 63.4



#52
3-Nitroaniline
Concen: 21.66 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion:138 Resp: 70654
Ion Ratio Lower Upper
138 100
108 15.9 10.9 16.3
92 133.1 115.3 172.9

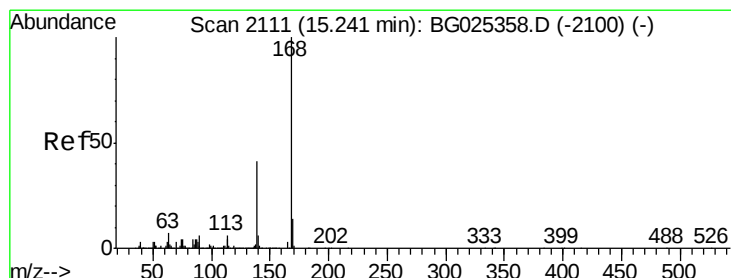
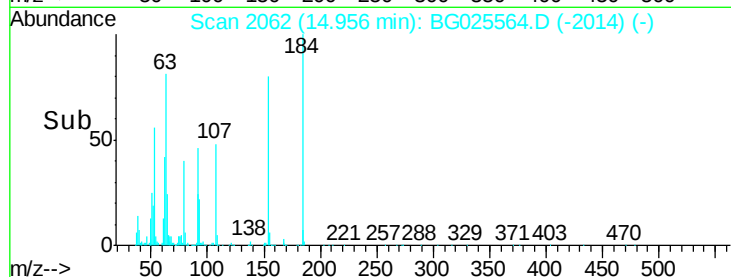
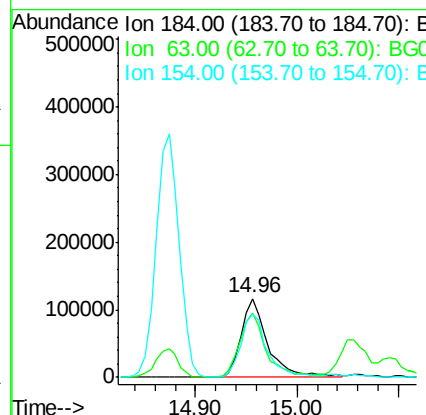
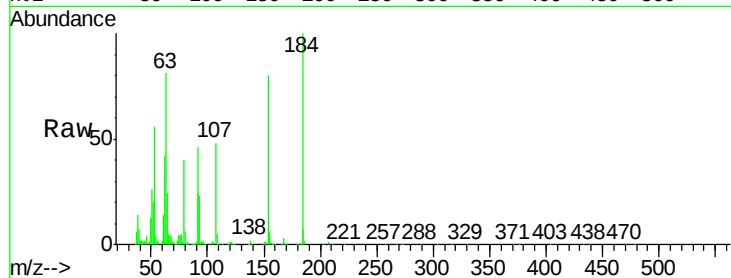




#53
2,4-Dinitrophenol
Concen: 94.20 ng
RT: 14.96 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

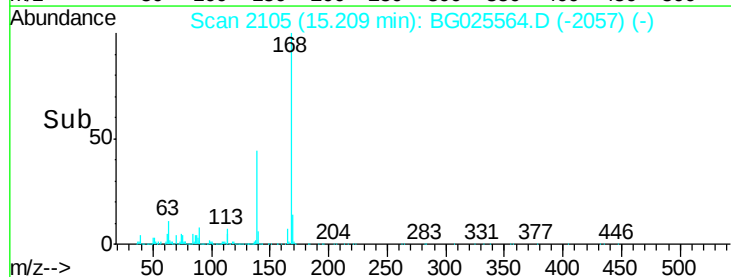
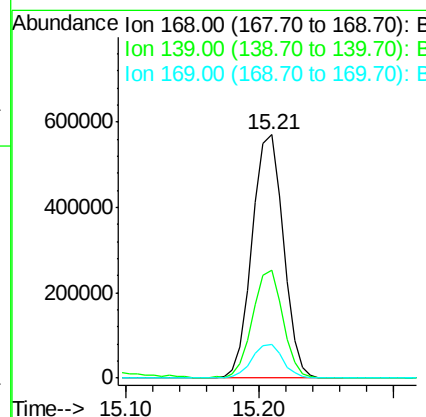
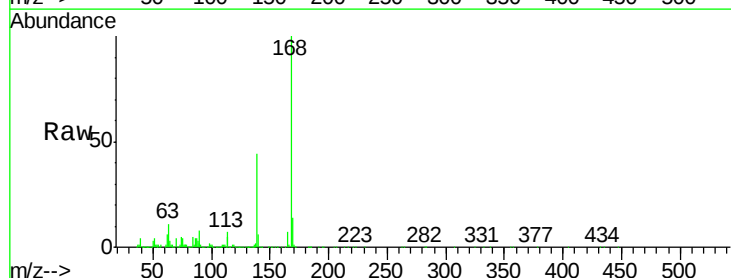
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

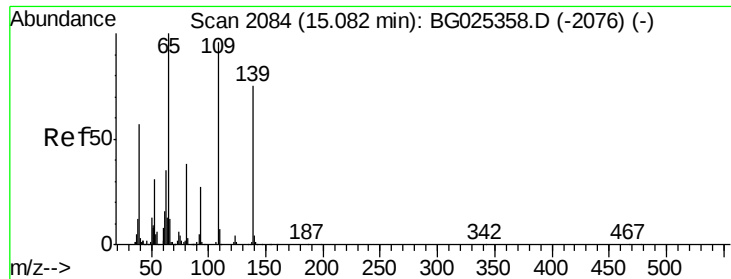
Tgt Ion:184 Resp: 211732
Ion Ratio Lower Upper
184 100
63 81.4 52.7 79.1#
154 80.5 57.3 85.9



#54
Dibenzofuran
Concen: 51.29 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion:168 Resp: 920132
Ion Ratio Lower Upper
168 100
139 44.2 35.3 52.9
169 13.7 11.5 17.3

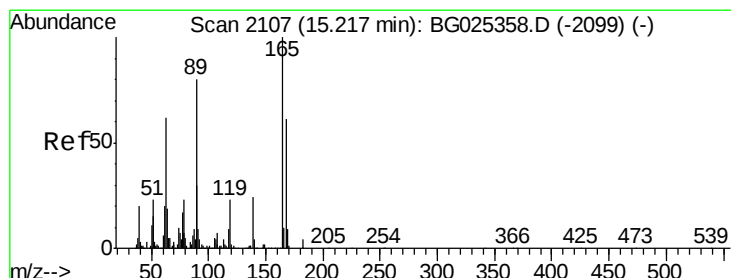
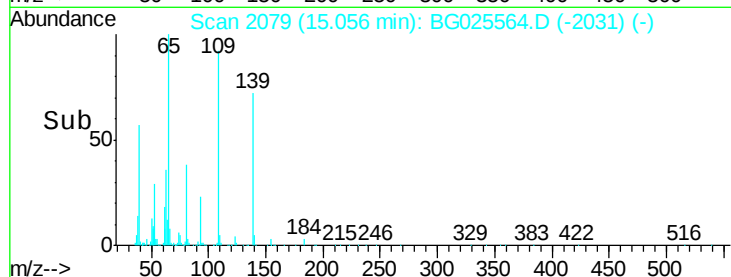
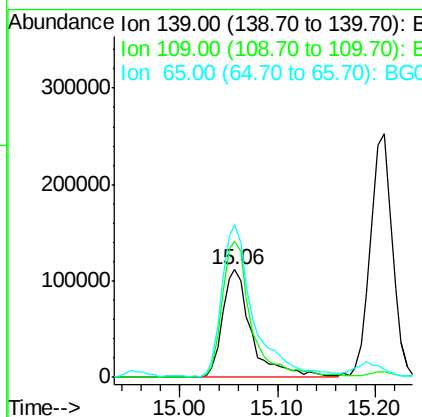
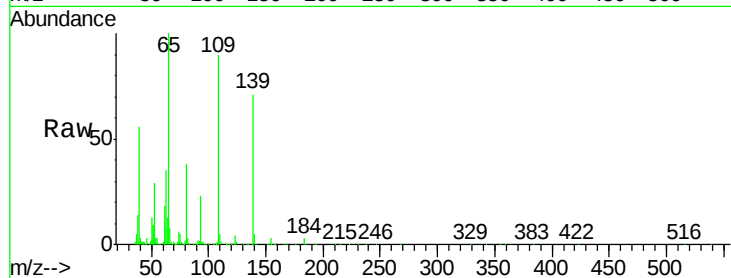




#55
4-Nitrophenol
Concen: 94.79 ng
RT: 15.06 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

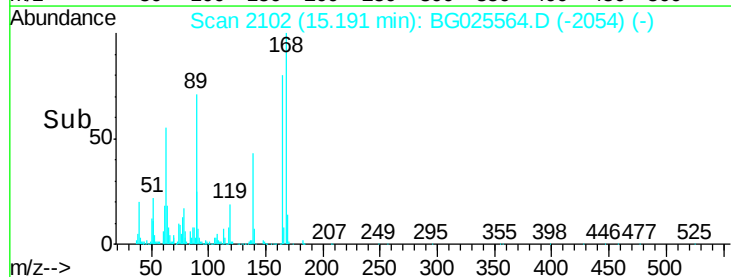
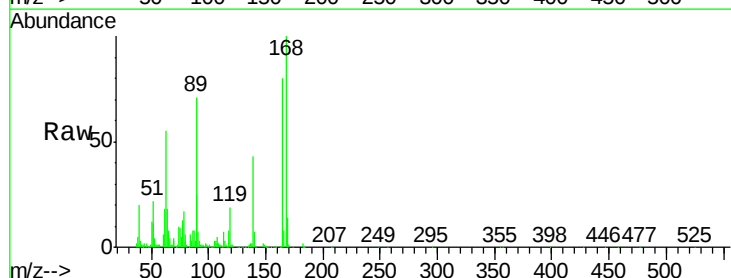
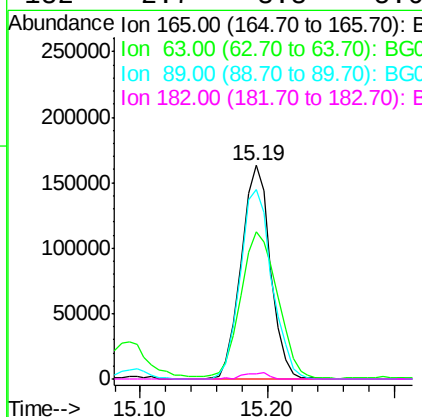
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

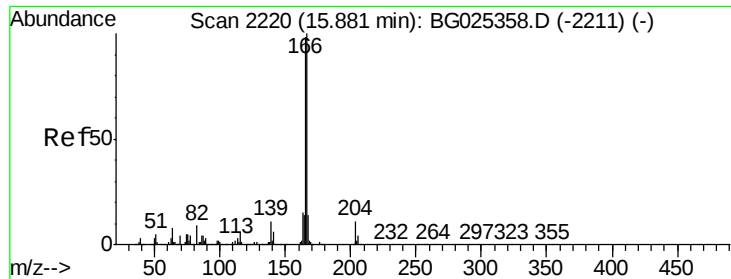
Tgt Ion:139 Resp: 230949
Ion Ratio Lower Upper
139 100
109 127.1 101.2 141.2
65 141.8 135.3 175.3



#56
2,4-Dinitrotoluene
Concen: 52.81 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion:165 Resp: 260916
Ion Ratio Lower Upper
165 100
63 68.9 44.0 66.0#
89 88.6 67.3 100.9
182 2.7 3.8 5.6#





#57

Fluorene

Concen: 50.15 ng

RT: 15.86 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

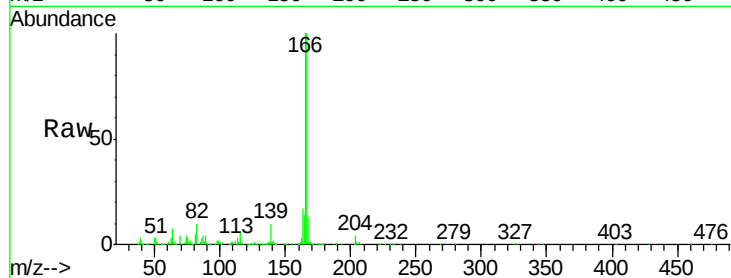
Tgt Ion:166 Resp: 75313

Ion Ratio Lower Upper

166 100

165 99.8 78.6 117.8

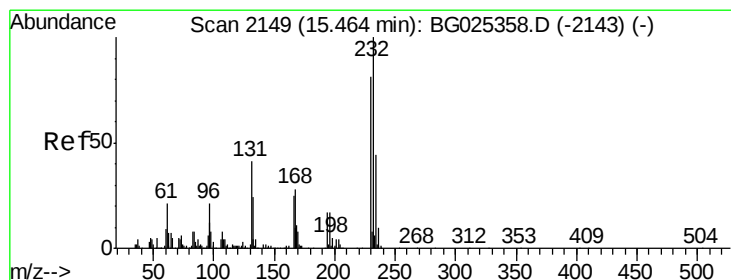
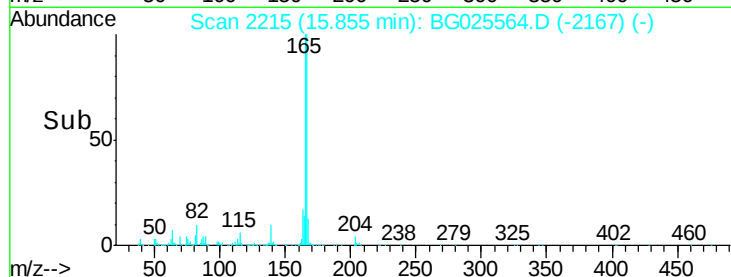
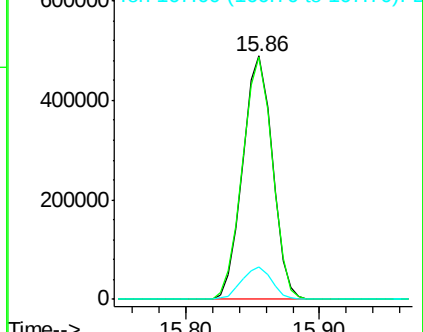
167 13.3 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.64 ng

RT: 15.44 min Scan# 2144

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:232 Resp: 241547

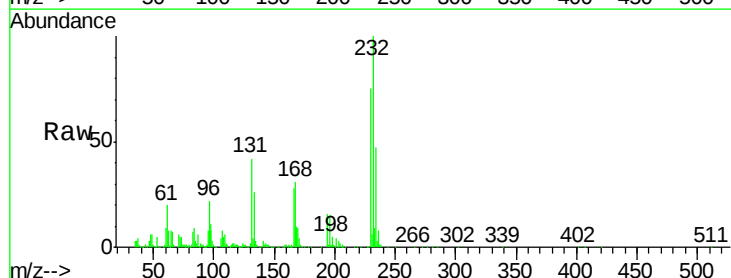
Ion Ratio Lower Upper

232 100

131 41.4 34.9 52.3

130 2.1 2.3 3.5#

166 28.4 24.2 36.4

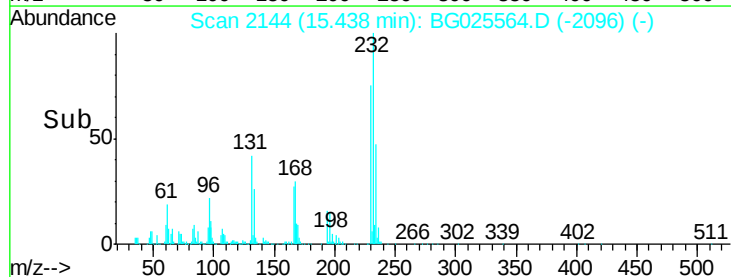
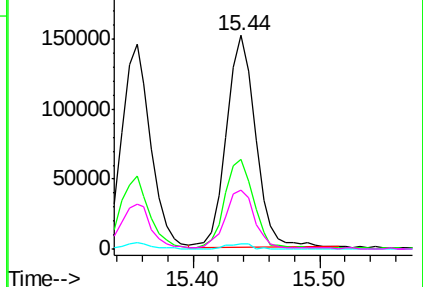


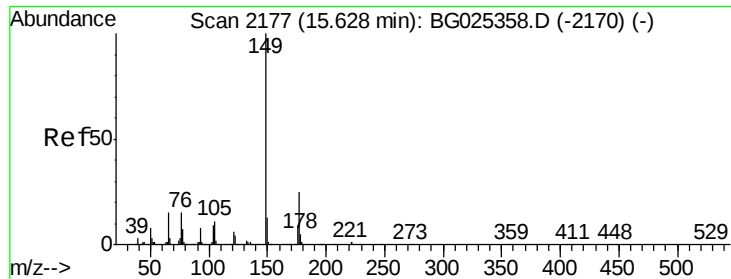
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 50.03 ng

RT: 15.60 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

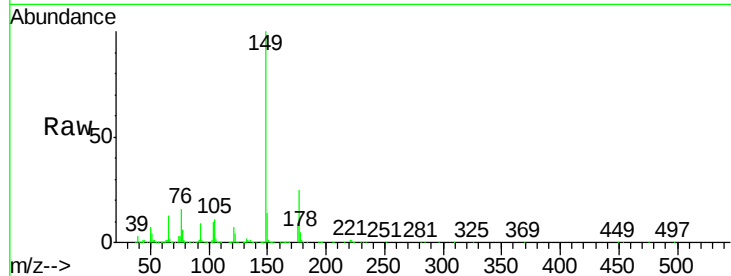
Tgt Ion:149 Resp: 814879

Ion Ratio Lower Upper

149 100

177 24.5 20.1 30.1

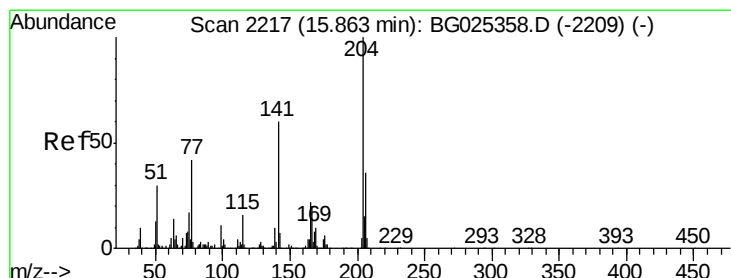
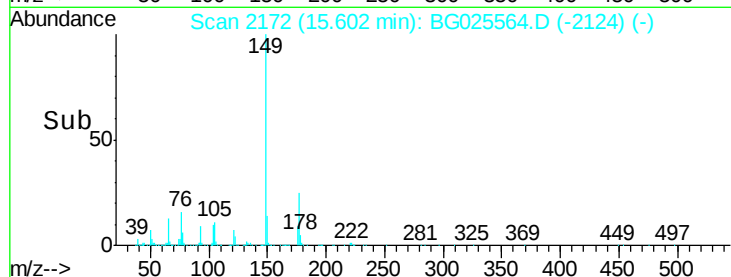
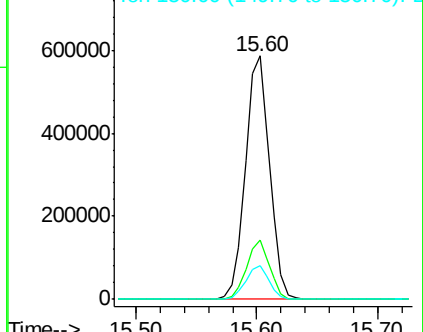
150 13.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.68 ng

RT: 15.83 min Scan# 2211

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

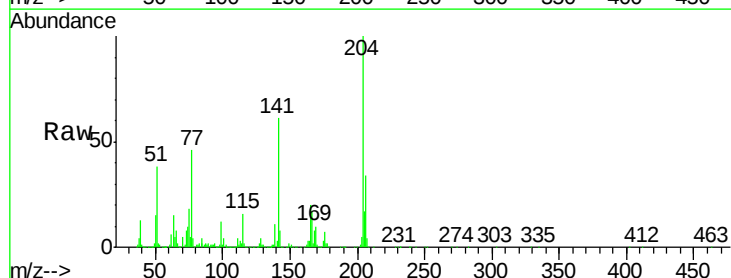
Tgt Ion:204 Resp: 414443

Ion Ratio Lower Upper

204 100

206 33.6 30.1 45.1

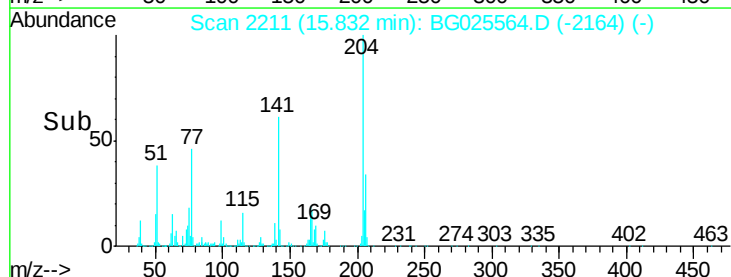
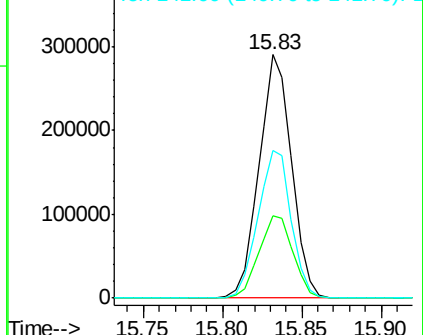
141 60.5 50.6 76.0

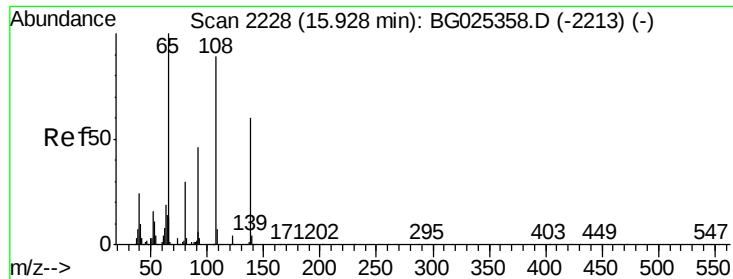


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

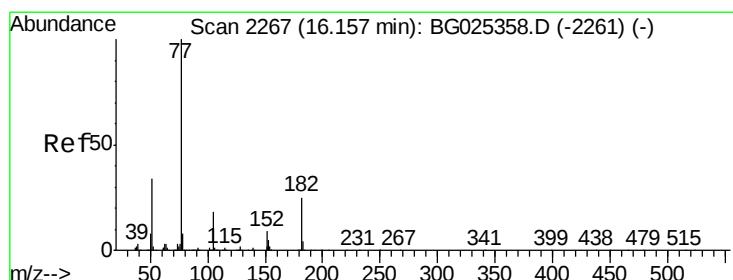
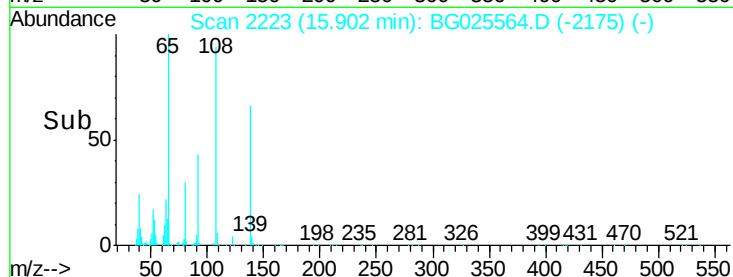
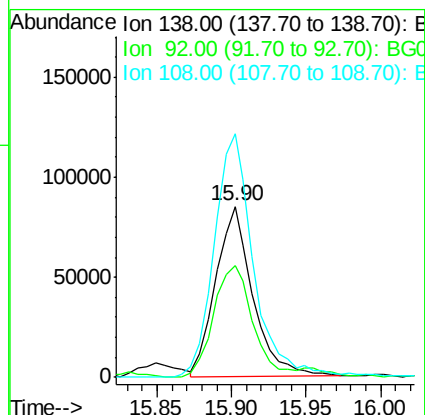
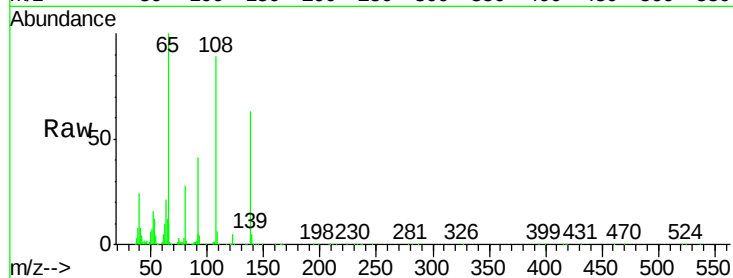




#61
4-Nitroaniline
Concen: 44.96 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

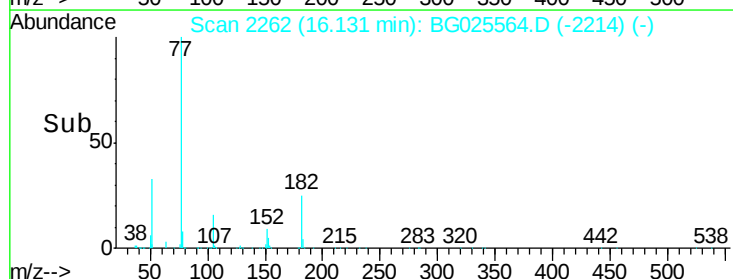
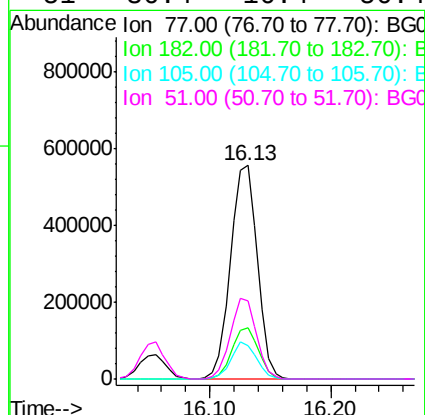
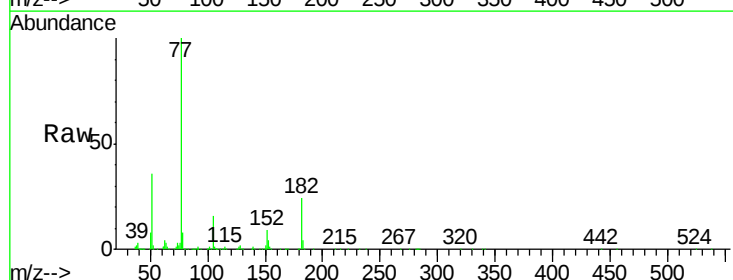
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

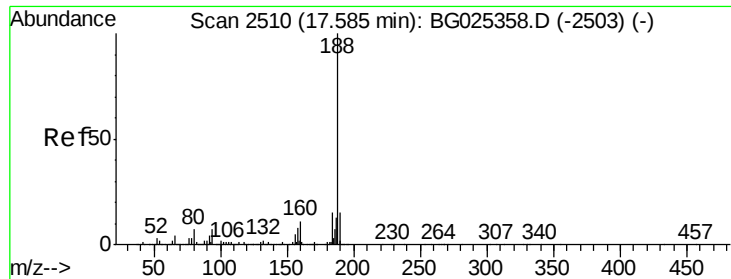
Tgt Ion: 138 Resp: 147575
Ion Ratio Lower Upper
138 100
92 65.5 44.2 84.2
108 142.7 104.8 144.8



#62
Azobenzene
Concen: 54.66 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion: 77 Resp: 858551
Ion Ratio Lower Upper
77 100
182 24.1 4.7 44.7
105 15.7 0.0 36.3
51 36.4 16.4 56.4

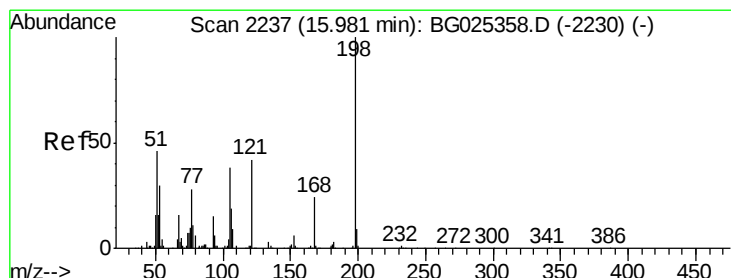
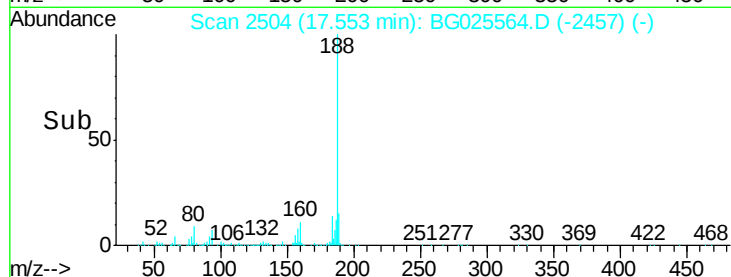
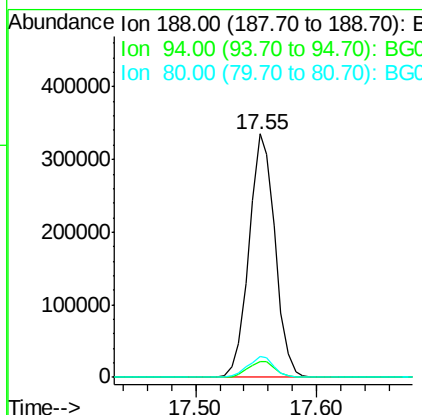
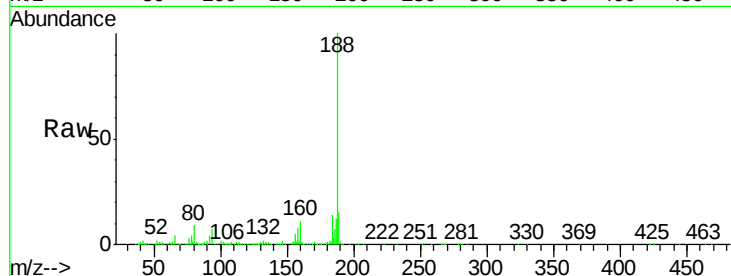




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

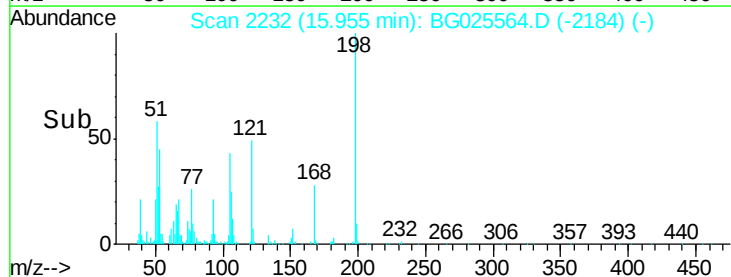
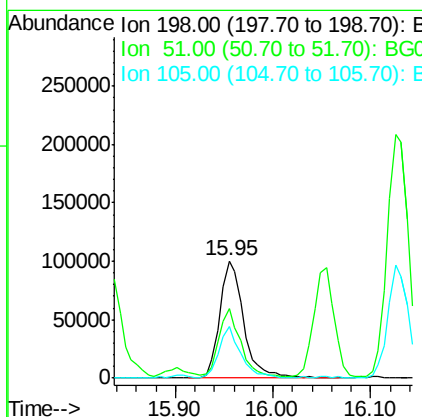
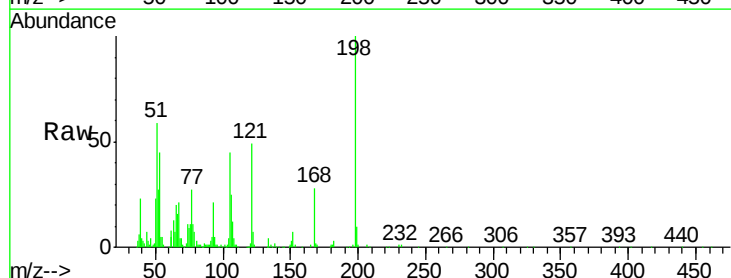
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

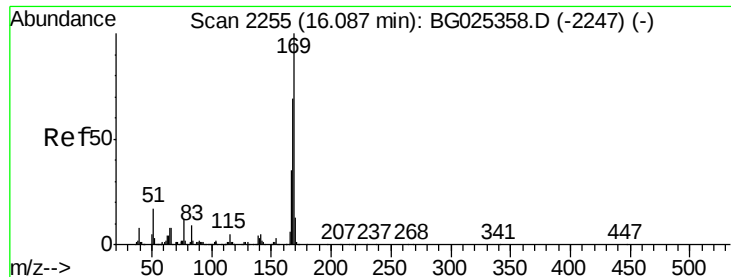
Tgt Ion:188 Resp: 502352
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.8
80 8.5 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 49.00 ng
RT: 15.95 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion:198 Resp: 170463
Ion Ratio Lower Upper
198 100
51 58.9 22.6 62.6
105 44.5 14.4 54.4

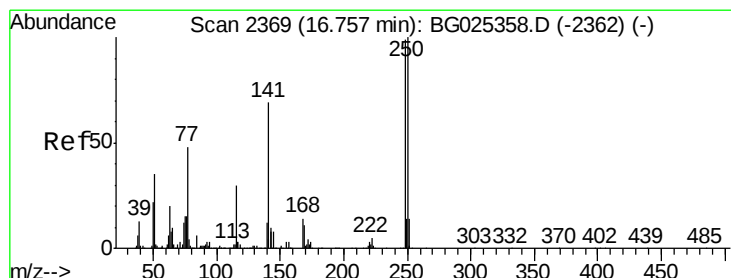
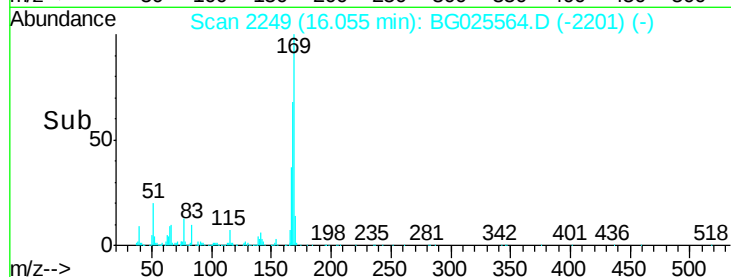
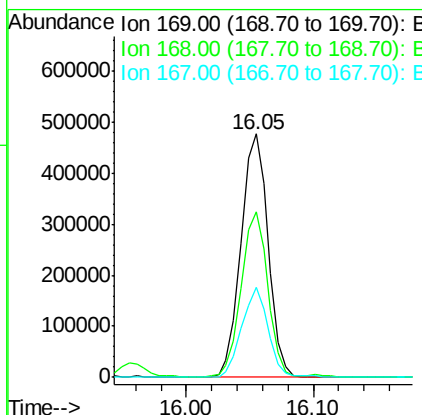
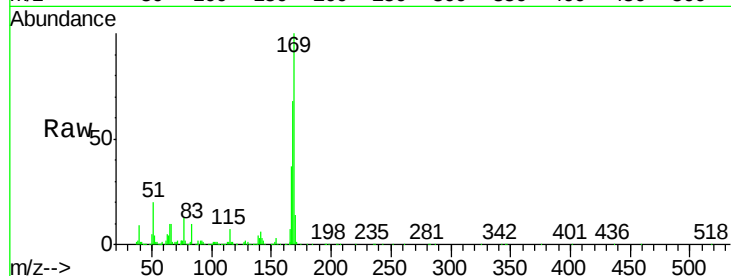




#65
 n-Nitrosodiphenylamine
 Concen: 52.10 ng
 RT: 16.05 min Scan# 2249
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

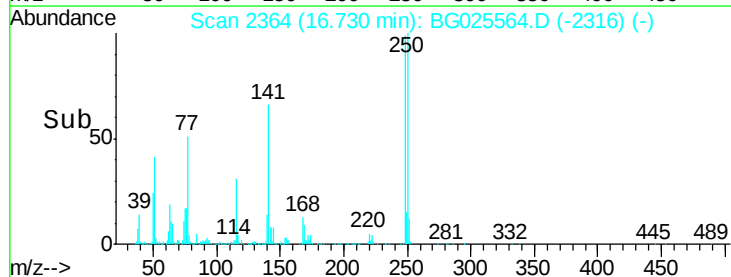
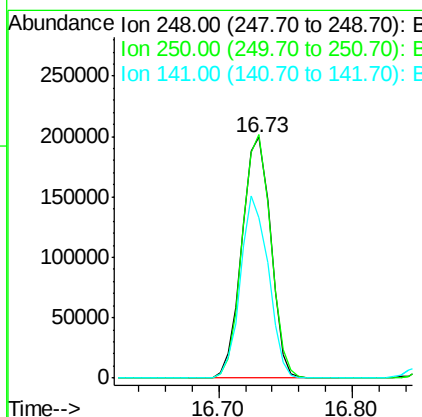
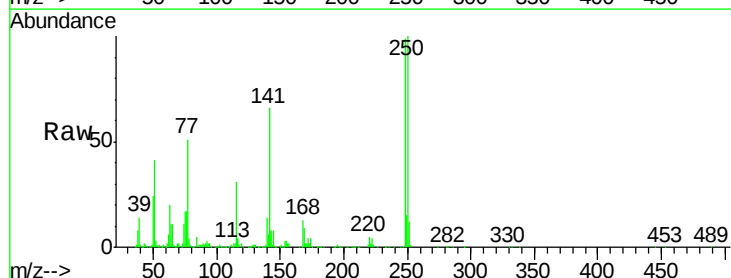
Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

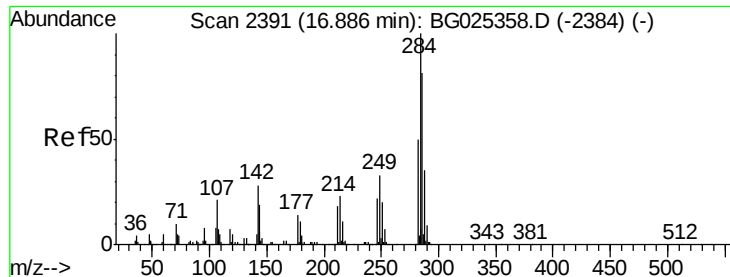
Tgt Ion:169 Resp: 707433
 Ion Ratio Lower Upper
 169 100
 168 67.9 55.7 83.5
 167 36.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 47.97 ng
 RT: 16.73 min Scan# 2364
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion:248 Resp: 297327
 Ion Ratio Lower Upper
 248 100
 250 101.2 75.0 112.6
 141 66.5 55.2 82.8





#67

Hexachlorobenzene

Concen: 48.30 ng

RT: 16.85 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

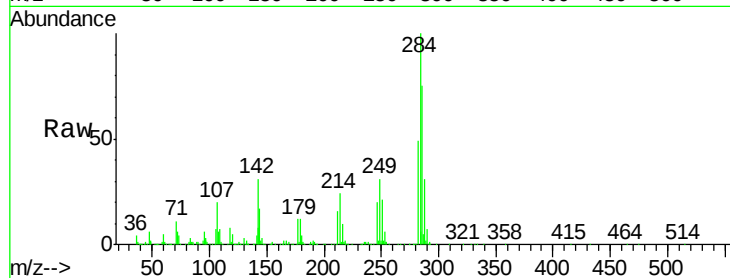
Tgt Ion:284 Resp: 343480

Ion Ratio Lower Upper

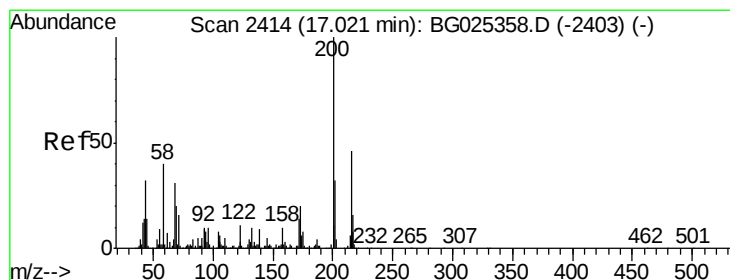
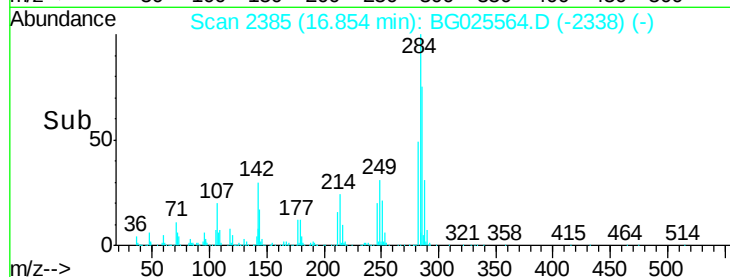
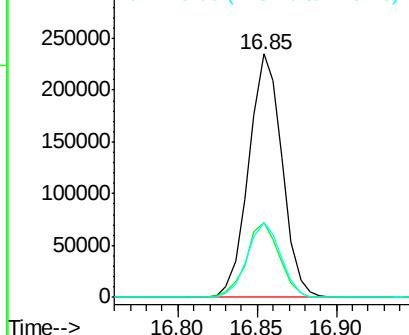
284 100

142 30.6 29.9 44.9

249 30.9 29.2 43.8



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: 52.17 ng

RT: 16.99 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

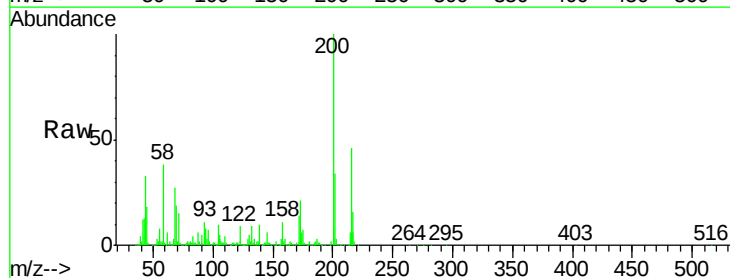
Tgt Ion:200 Resp: 310400

Ion Ratio Lower Upper

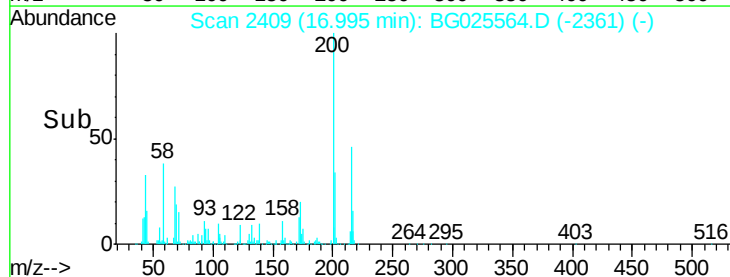
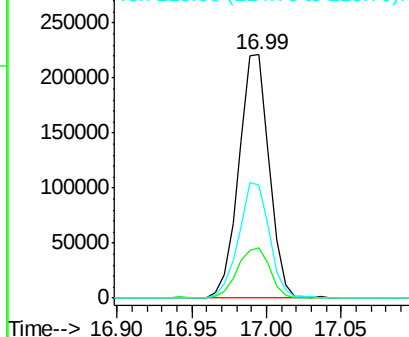
200 100

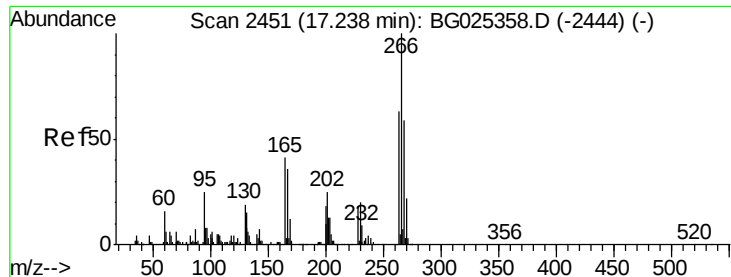
173 20.7 3.0 43.0

215 46.4 28.4 68.4



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: 91.19 ng

RT: 17.21 min Scan# 2445

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

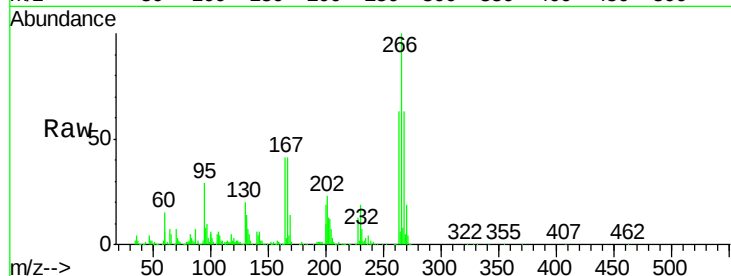
Tgt Ion:266 Resp: 336204

Ion Ratio Lower Upper

266 100

268 63.4 48.6 72.8

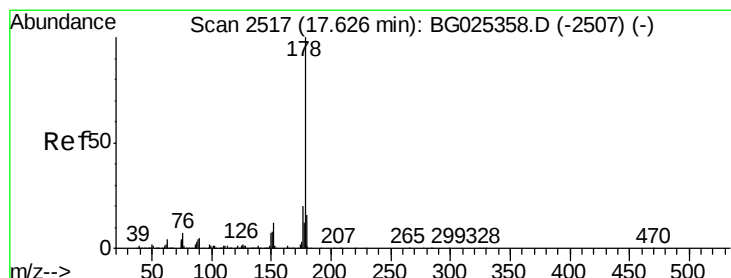
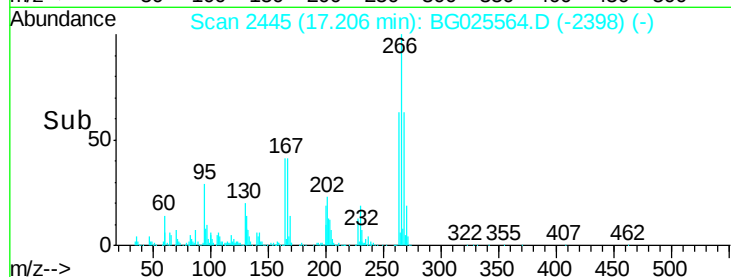
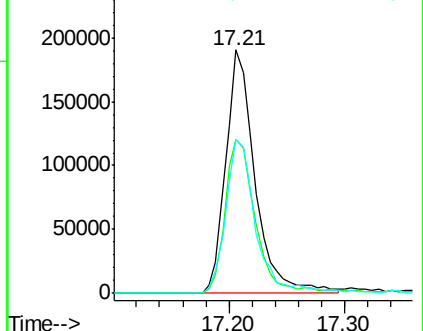
264 63.2 50.1 75.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 50.14 ng

RT: 17.60 min Scan# 2512

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

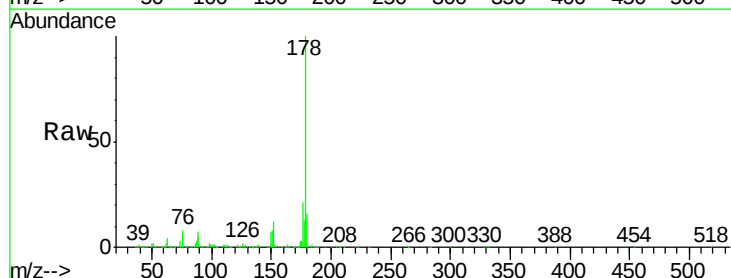
Tgt Ion:178 Resp: 1297898

Ion Ratio Lower Upper

178 100

176 21.2 17.7 26.5

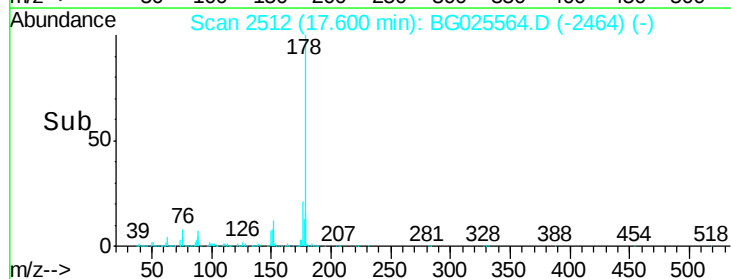
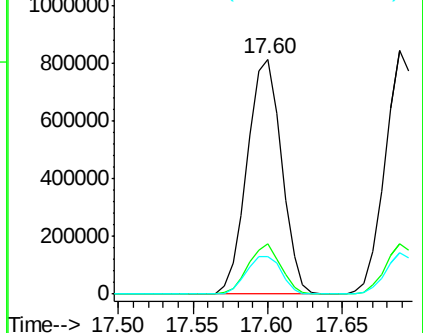
179 16.0 15.0 22.6

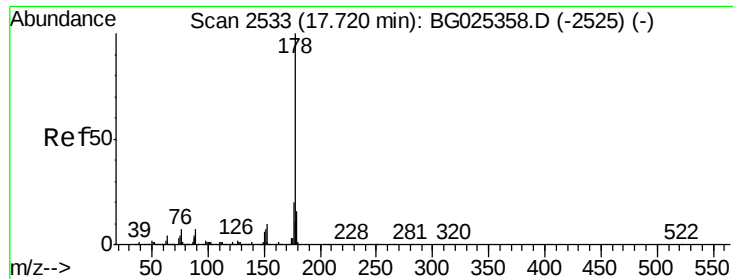


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

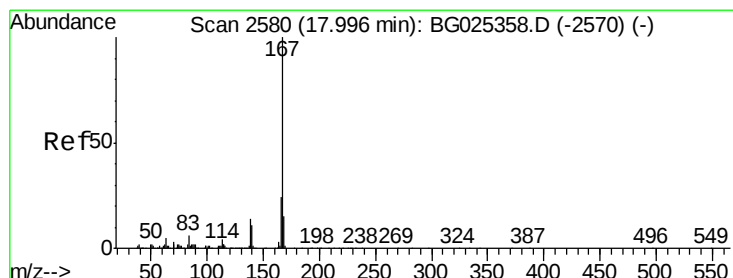
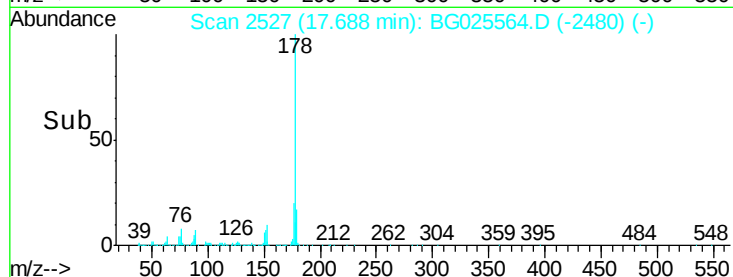
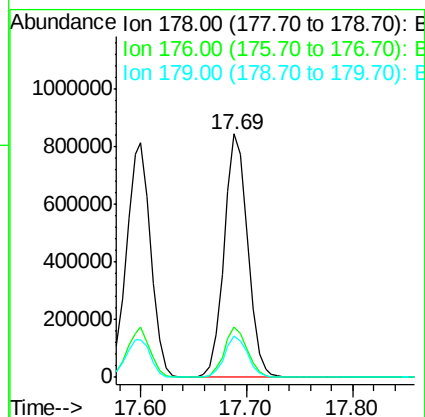
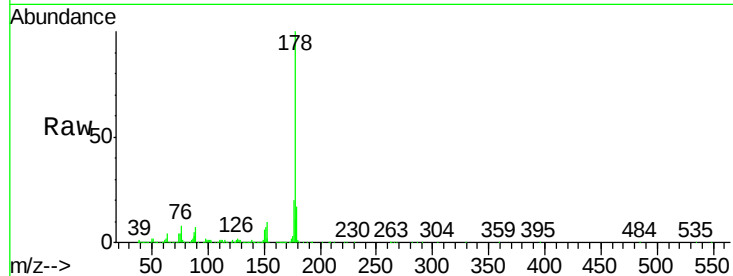




#71
 Anthracene
 Concen: 49.48 ng
 RT: 17.69 min Scan# 2527
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

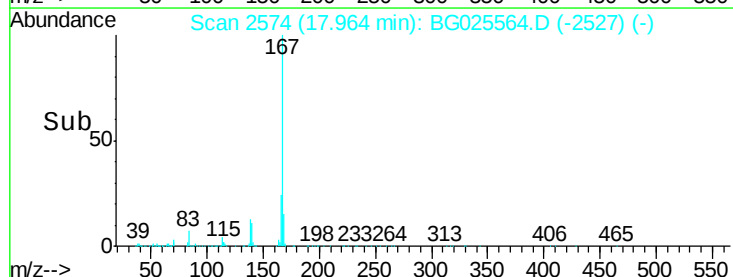
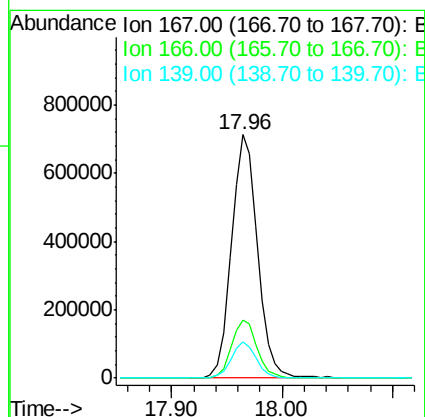
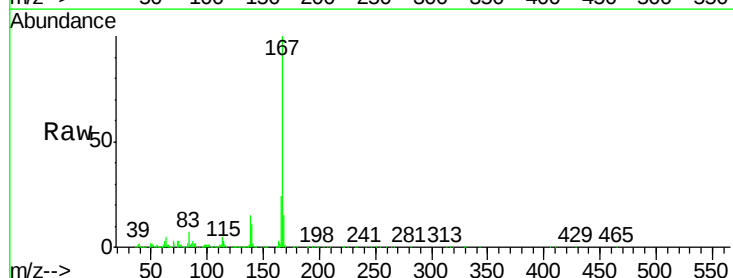
Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

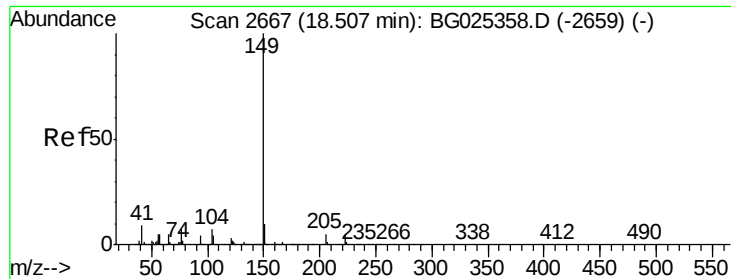
Tgt Ion:178 Resp: 1301418
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.4 24.6
 179 17.0 13.8 20.8



#72
 Carbazole
 Concen: 50.14 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion:167 Resp: 1179804
 Ion Ratio Lower Upper
 167 100
 166 24.0 20.2 30.2
 139 14.9 12.8 19.2

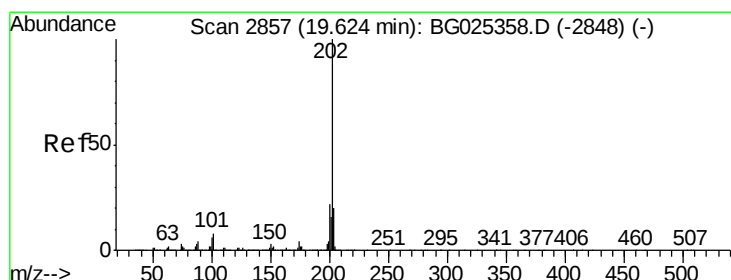
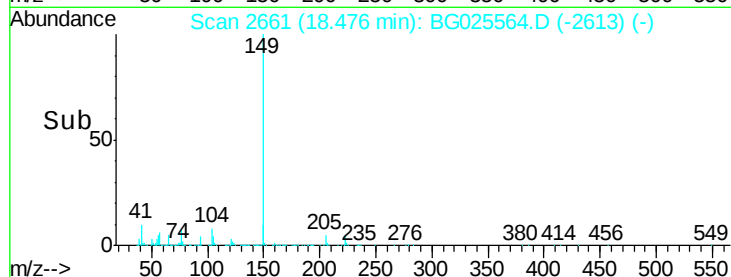
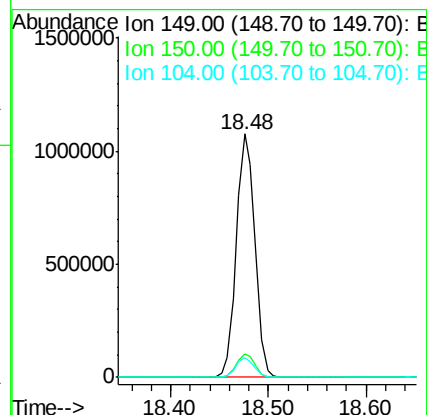
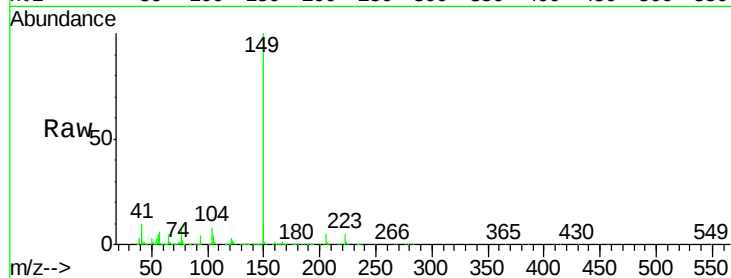




#73
Di-n-butylphthalate
Concen: 48.72 ng
RT: 18.48 min Scan# 2661
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

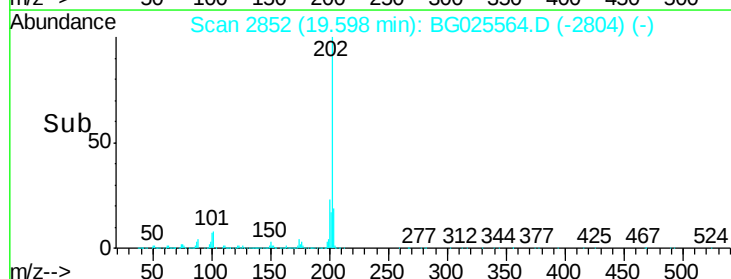
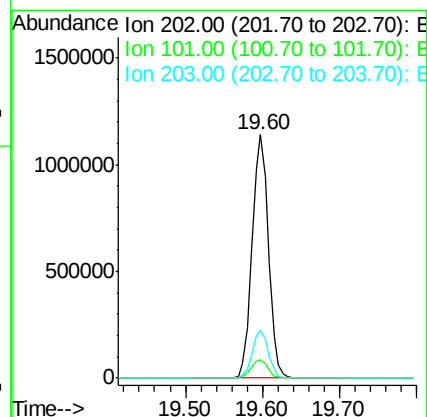
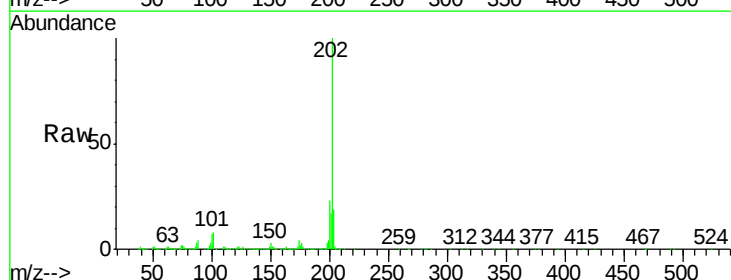
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

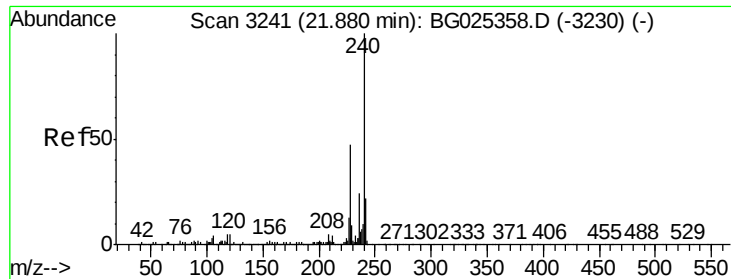
Tgt Ion:149 Resp: 1410290
Ion Ratio Lower Upper
149 100
150 9.9 9.1 13.7
104 8.0 6.7 10.1



#74
Fluoranthene
Concen: 49.64 ng
RT: 19.60 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion:202 Resp: 1697202
Ion Ratio Lower Upper
202 100
101 7.7 0.0 30.1
203 19.5 1.3 41.3

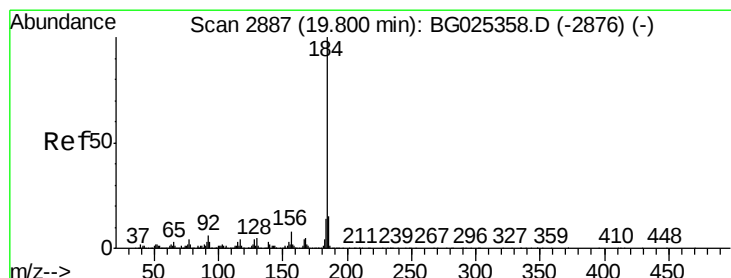
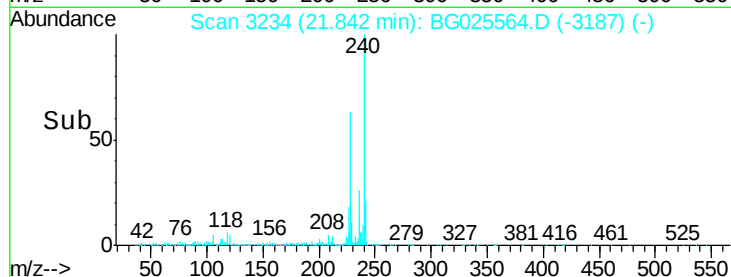
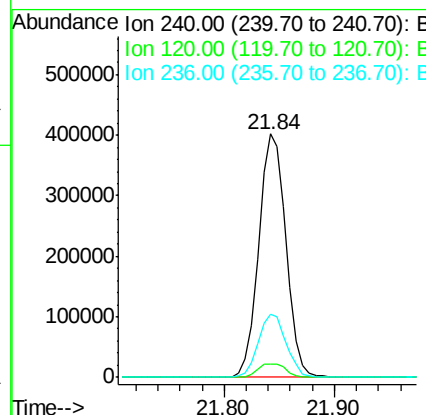
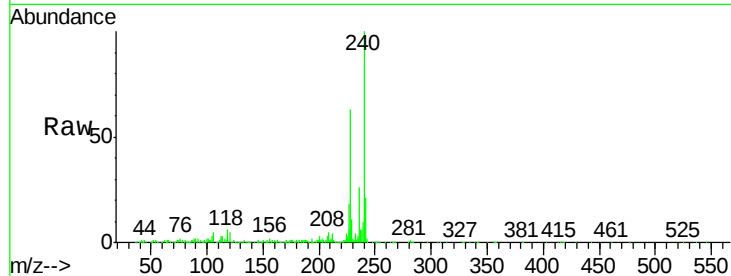




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

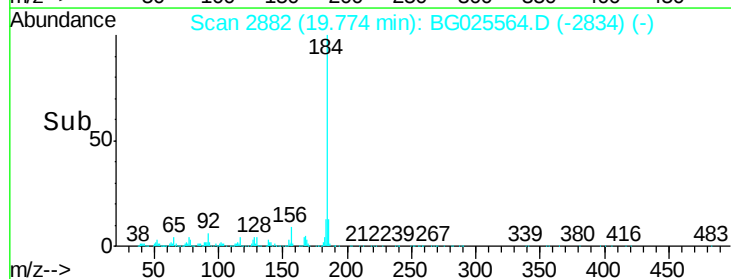
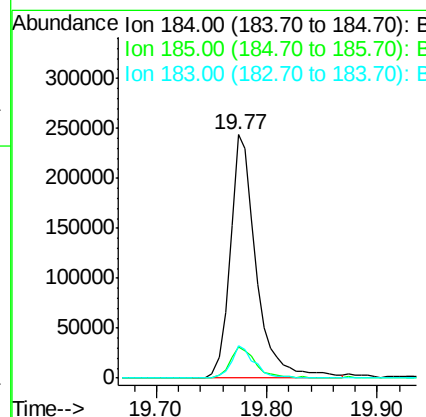
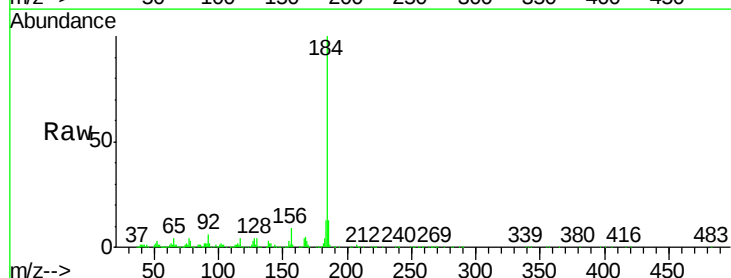
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

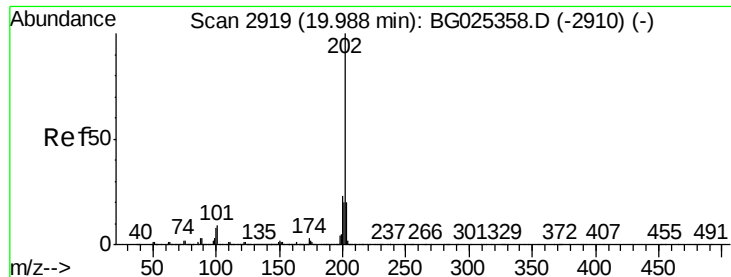
Tgt Ion:240 Resp: 693951
Ion Ratio Lower Upper
240 100
120 5.2 5.7 8.5#
236 26.1 22.2 33.4



#76
Benzidine
Concen: 23.14 ng
RT: 19.77 min Scan# 2882
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion:184 Resp: 400615
Ion Ratio Lower Upper
184 100
185 12.6 13.0 19.6#
183 13.2 11.0 16.6





#77

Pyrene

Concen: 47.56 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

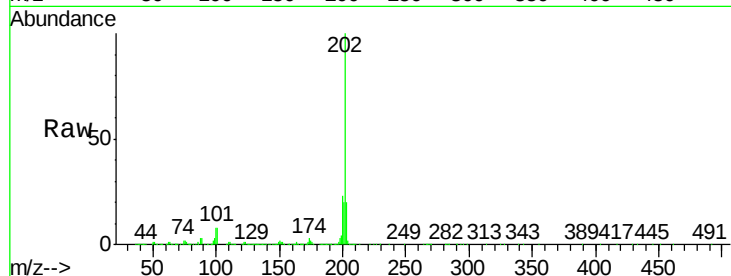
BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tgt Ion:202 Resp: 1724913

Ion	Ratio	Lower	Upper
202	100		
200	23.0	19.6	29.4
203	20.0	15.8	23.8

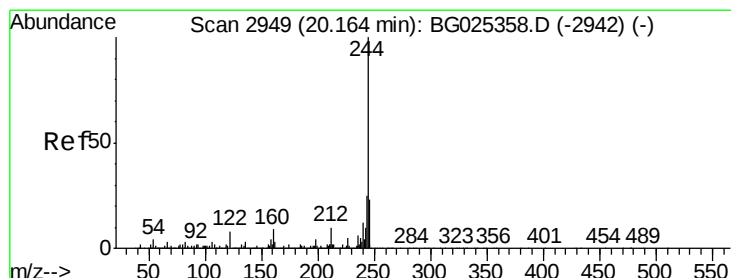
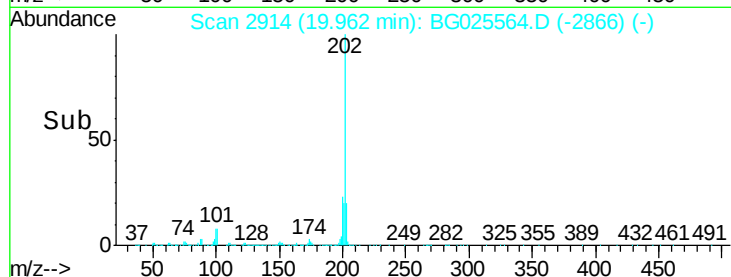
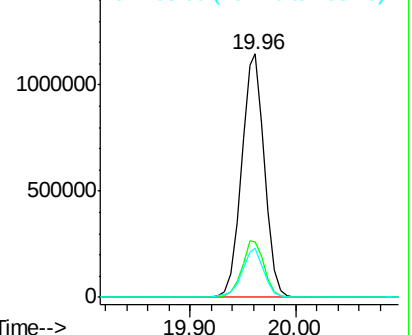


Abundance

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: 94.59 ng

RT: 20.14 min Scan# 2944

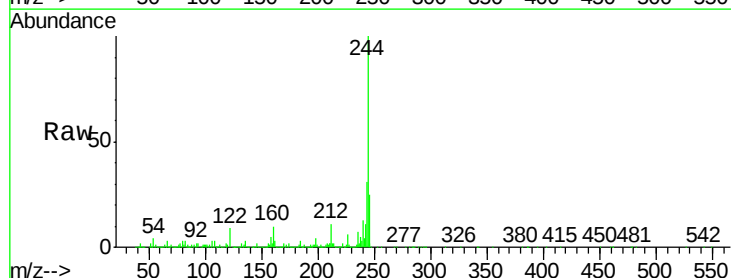
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:244 Resp: 2475668

Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.0	15.0
122	8.9	8.6	12.8

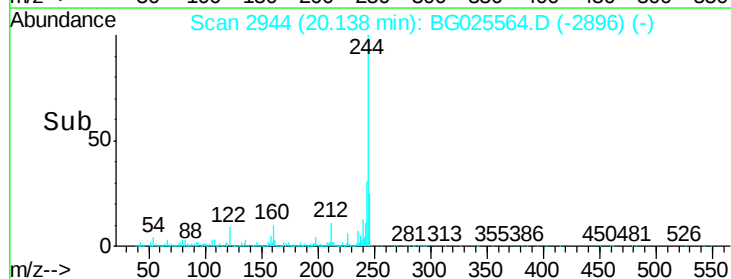
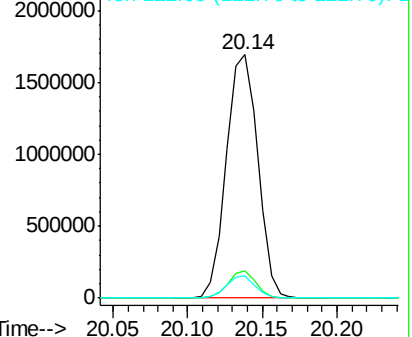


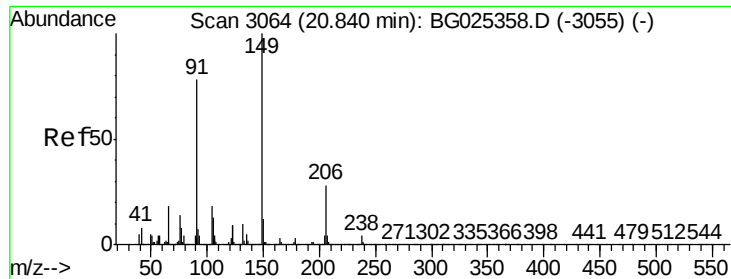
Abundance

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

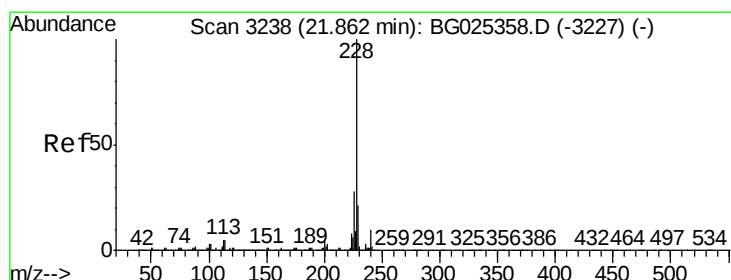
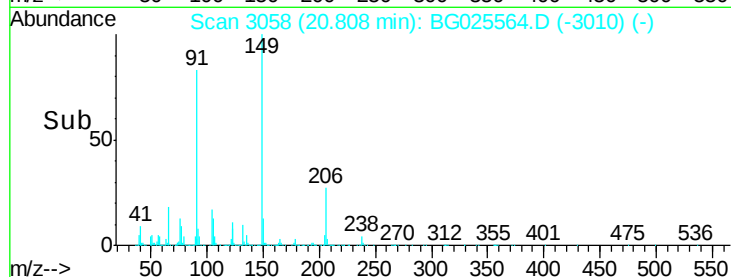
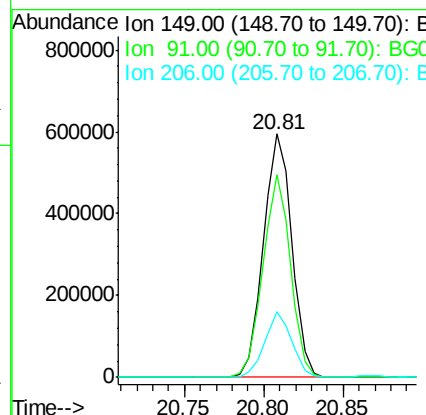
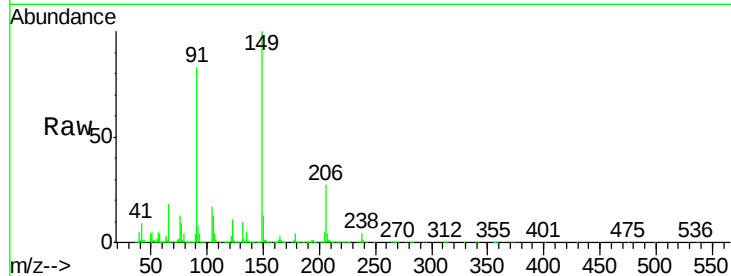




#79
Butylbenzylphthalate
Concen: 51.17 ng
RT: 20.81 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

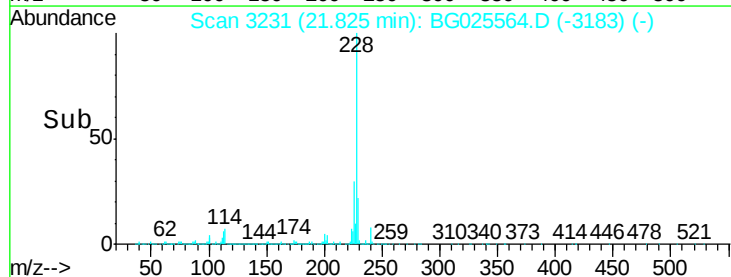
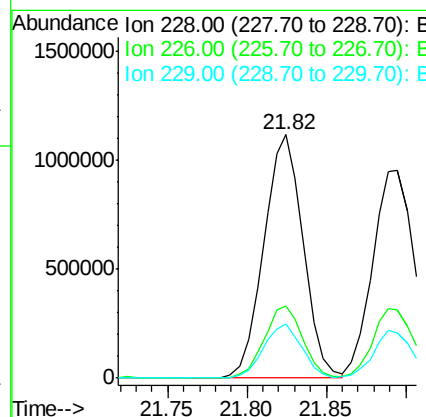
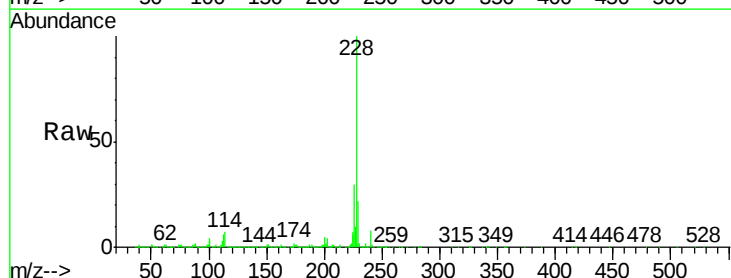
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

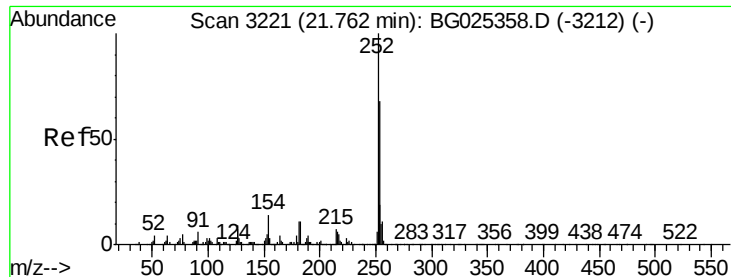
Tgt Ion:149 Resp: 745081
Ion Ratio Lower Upper
149 100
91 83.4 63.5 95.3
206 27.1 21.0 31.6



#80
Benzo(a)anthracene
Concen: 49.55 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion:228 Resp: 1917979
Ion Ratio Lower Upper
228 100
226 29.8 24.9 37.3
229 22.4 18.2 27.2

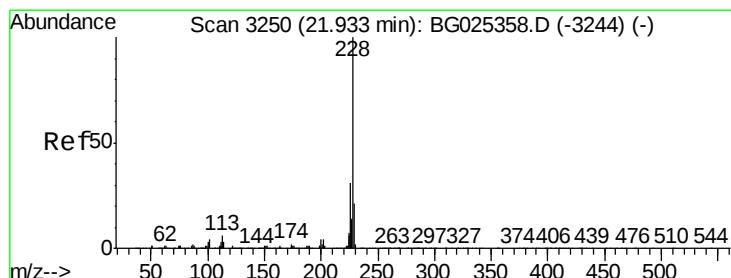
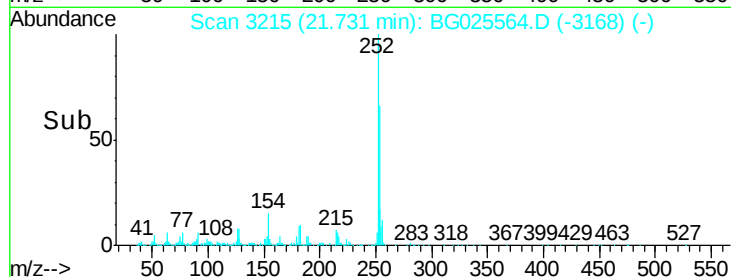
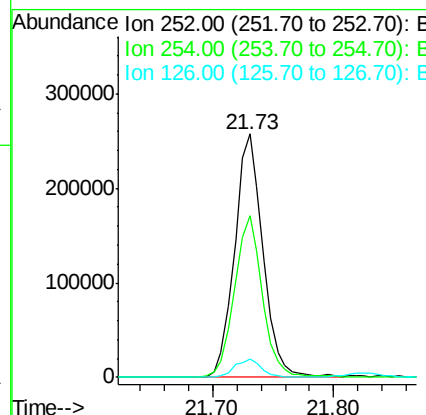
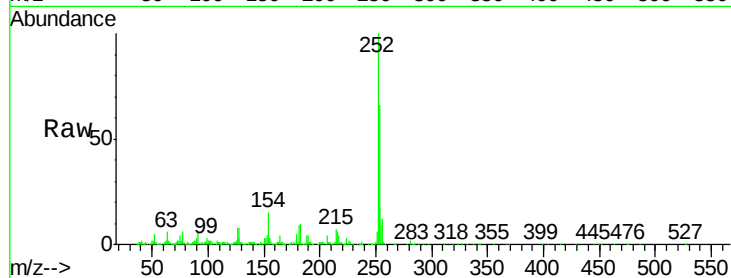




#81
 3,3'-Dichlorobenzidine
 Concen: 27.95 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

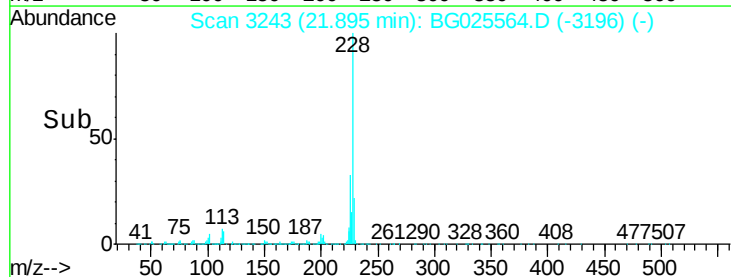
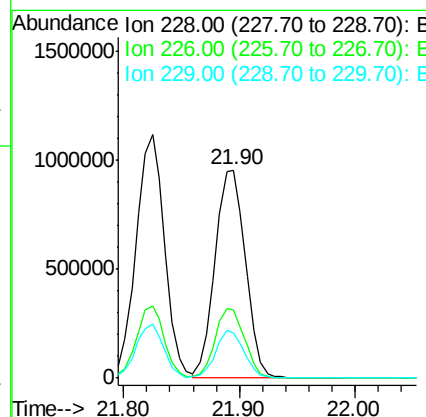
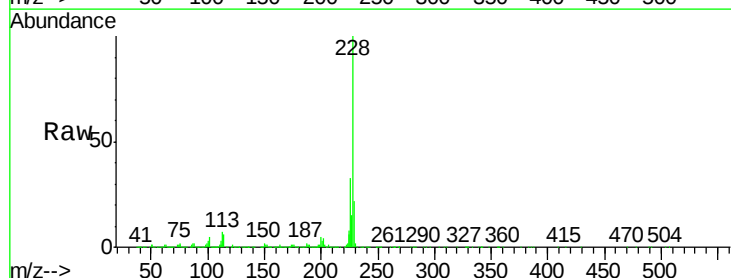
Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

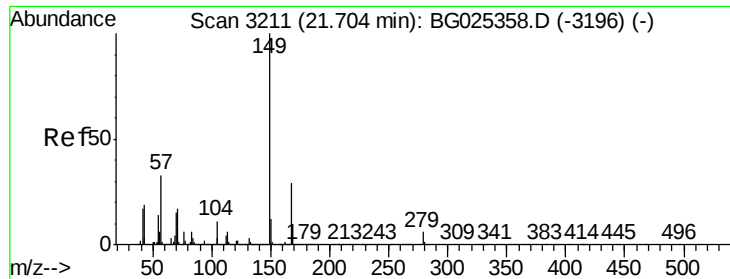
Tgt Ion: 252 Resp: 420112
 Ion Ratio Lower Upper
 252 100
 254 66.2 53.1 79.7
 126 7.6 7.0 10.4



#82
 Chrysene
 Concen: 47.03 ng
 RT: 21.90 min Scan# 3243
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion: 228 Resp: 1745635
 Ion Ratio Lower Upper
 228 100
 226 32.6 27.0 40.4
 229 21.6 17.8 26.6

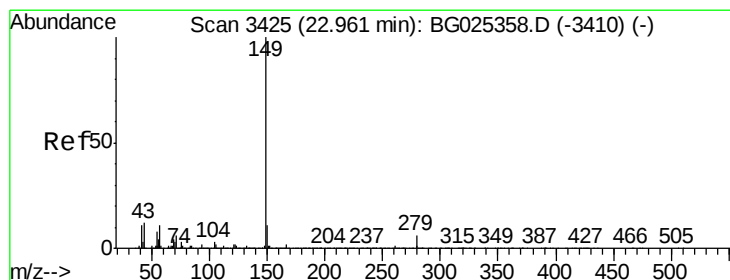
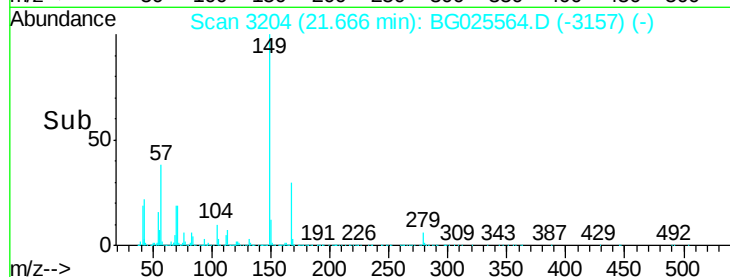
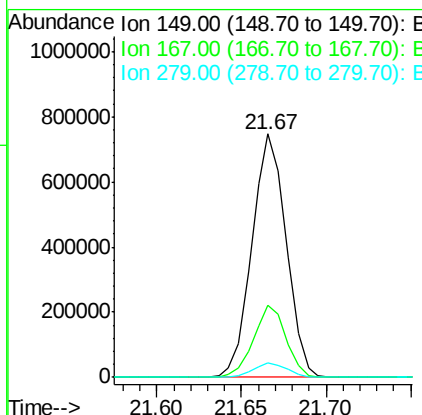
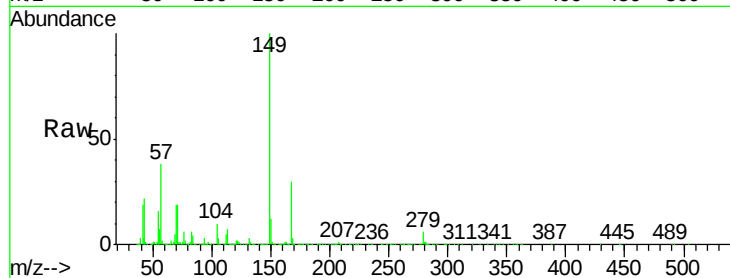




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.72 ng
 RT: 21.67 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

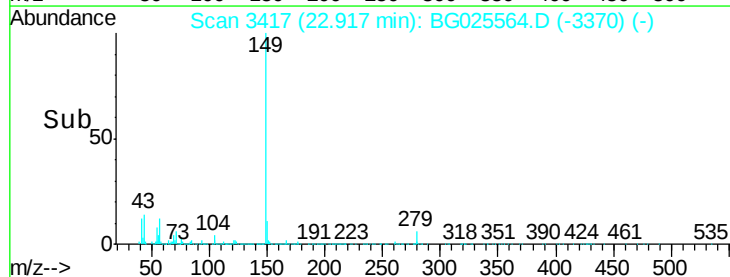
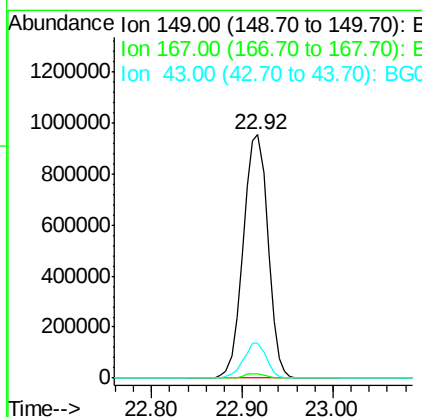
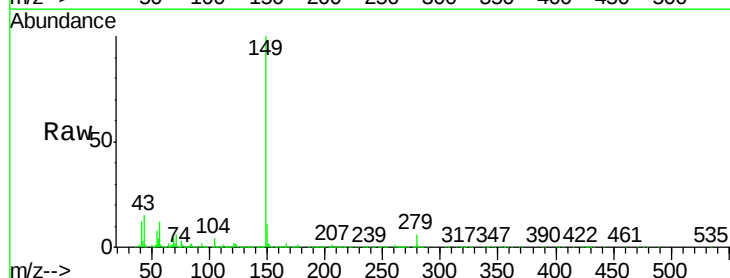
Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

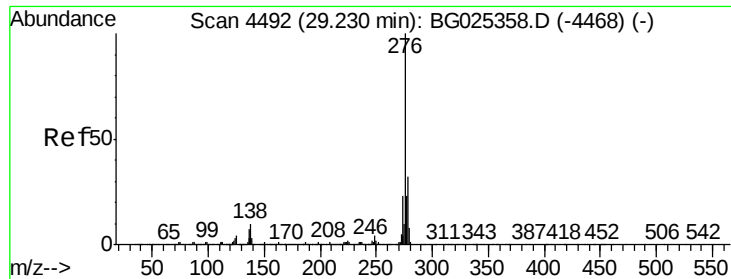
Tgt Ion:149 Resp: 1048187
 Ion Ratio Lower Upper
 149 100
 167 29.6 23.7 35.5
 279 5.8 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 53.56 ng
 RT: 22.92 min Scan# 3417
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion:149 Resp: 1802099
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 13.3 11.8 17.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.37 ng

RT: 29.13 min Scan# 4475

Delta R.T. -0.06 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

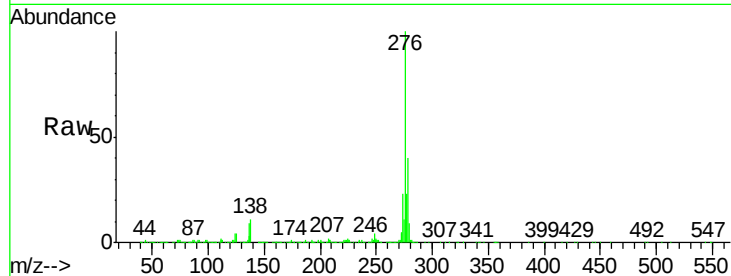
Tgt Ion:276 Resp: 2471193

Ion Ratio Lower Upper

276 100

138 12.8 4.7 7.1#

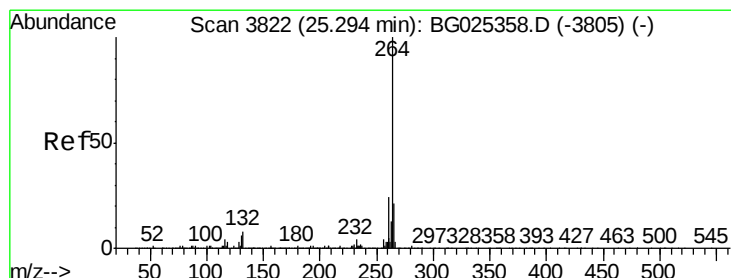
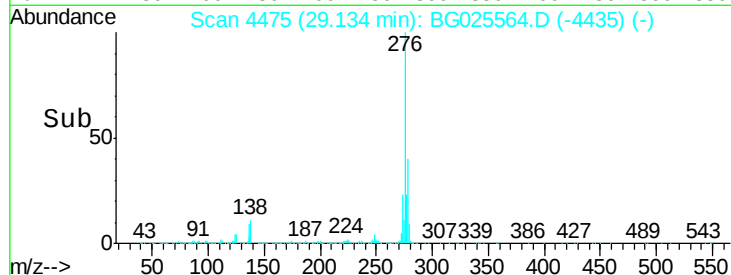
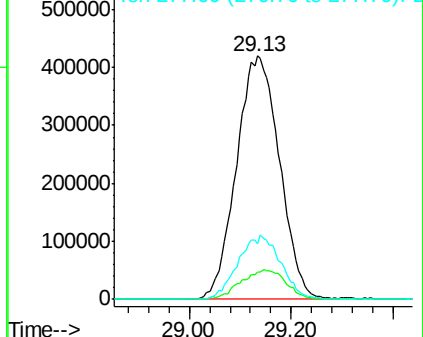
277 26.1 20.6 31.0



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: 25.23 min Scan# 3811

Delta R.T. -0.03 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

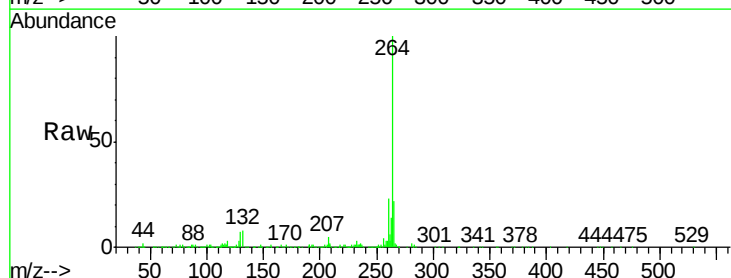
Tgt Ion:264 Resp: 744217

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

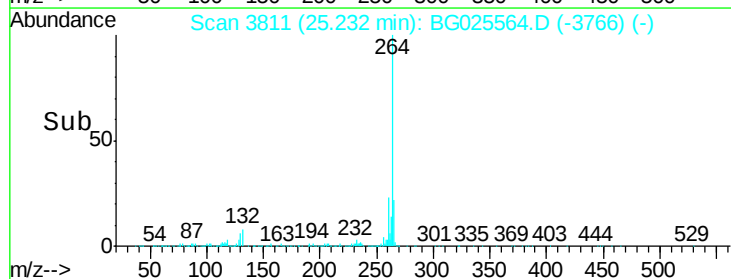
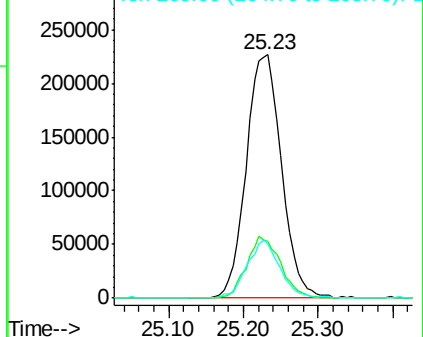
265 22.3 18.2 27.4

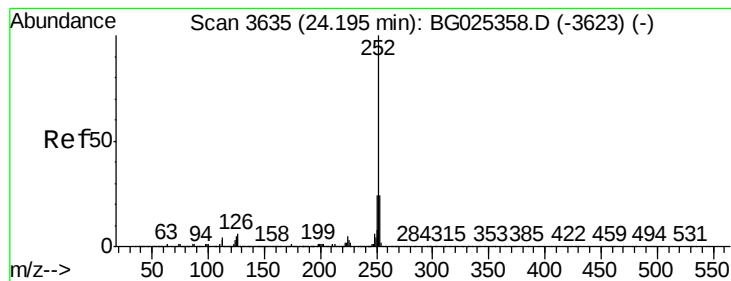


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.52 ng

RT: 24.14 min Scan# 3625

Delta R.T. -0.03 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

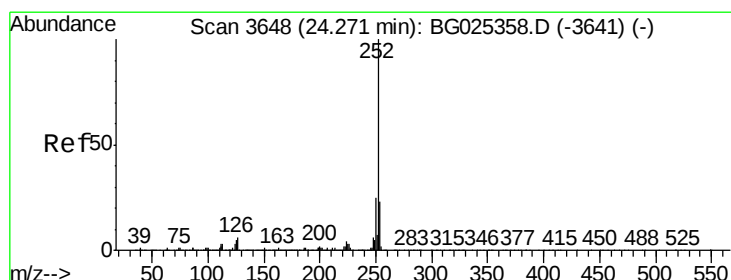
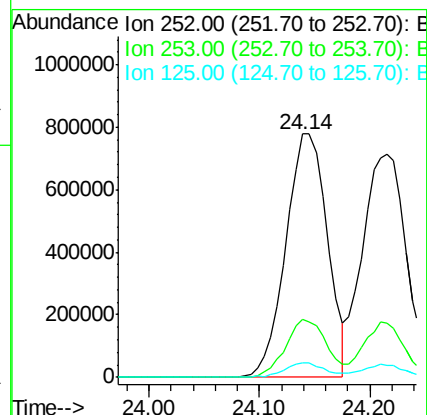
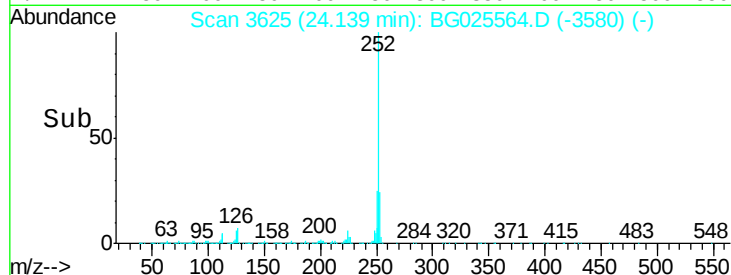
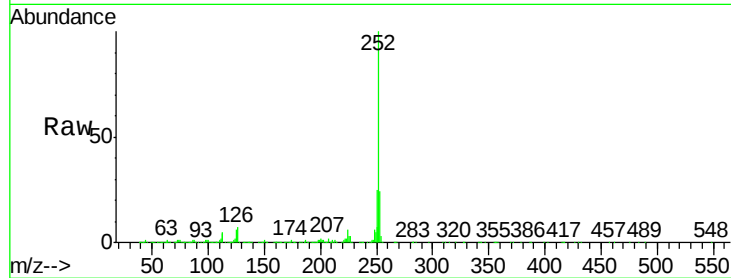
Tgt Ion:252 Resp: 2010885

Ion Ratio Lower Upper

252 100

253 23.8 18.7 28.1

125 5.9 5.3 7.9



#88

Benzo(k)fluoranthene

Concen: 50.49 ng

RT: 24.22 min Scan# 3638

Delta R.T. -0.03 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

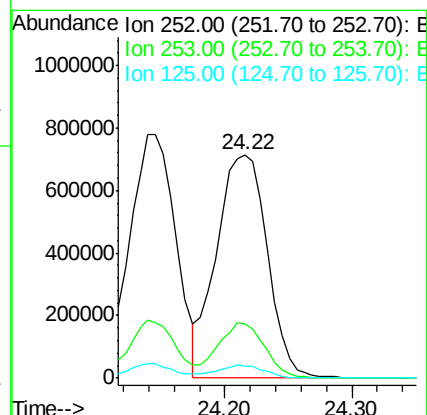
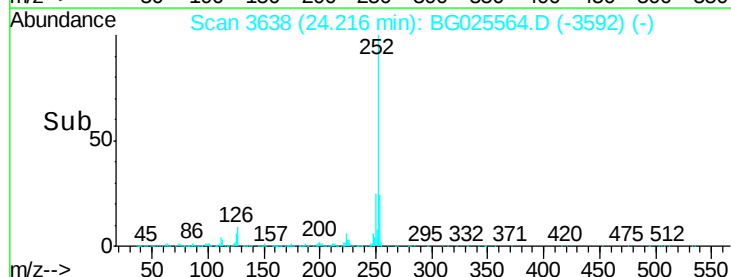
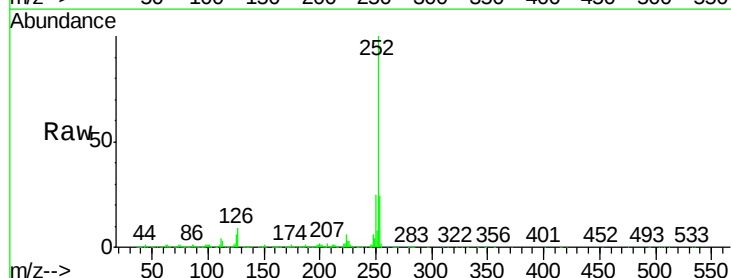
Tgt Ion:252 Resp: 1979983

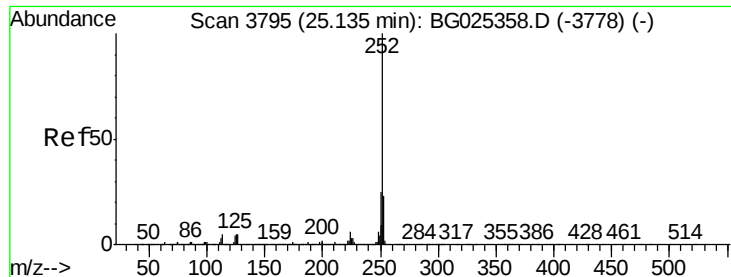
Ion Ratio Lower Upper

252 100

253 24.5 20.2 30.2

125 5.6 5.1 7.7





#89

Benzo(a)pyrene

Concen: 50.13 ng

RT: 25.07 min Scan# 3784

Delta R.T. -0.03 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

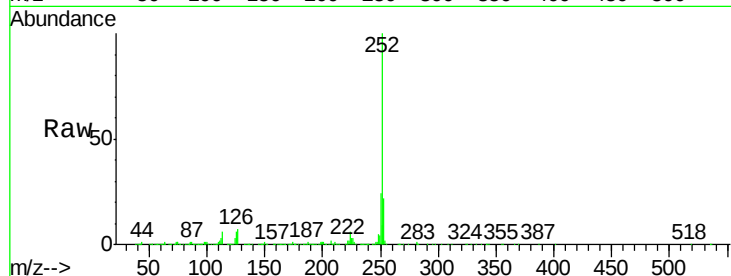
Tgt Ion:252 Resp: 1966031

Ion Ratio Lower Upper

252 100

253 22.5 19.2 28.8

125 5.5 5.4 8.0



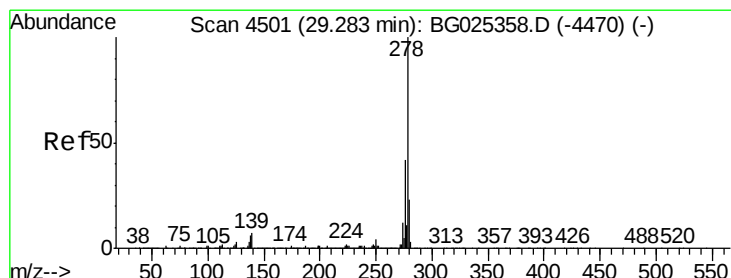
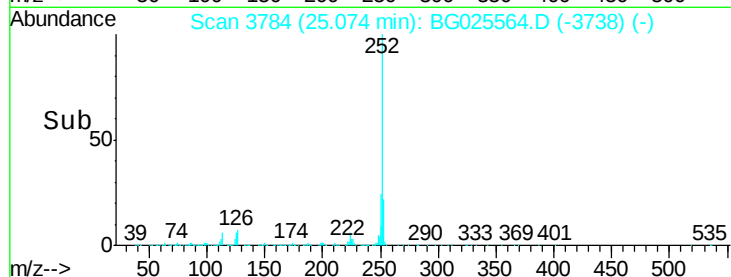
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

25.07

Time--> 24.90 25.00 25.10 25.20



#90

Dibenzo(a,h)anthracene

Concen: 50.29 ng

RT: 29.18 min Scan# 4483

Delta R.T. -0.05 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

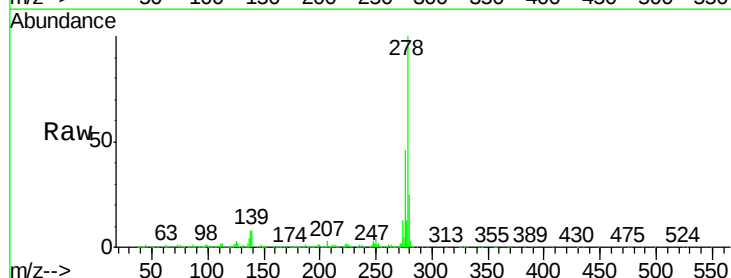
Tgt Ion:278 Resp: 2090413

Ion Ratio Lower Upper

278 100

139 8.3 7.7 11.5

279 24.6 19.1 28.7



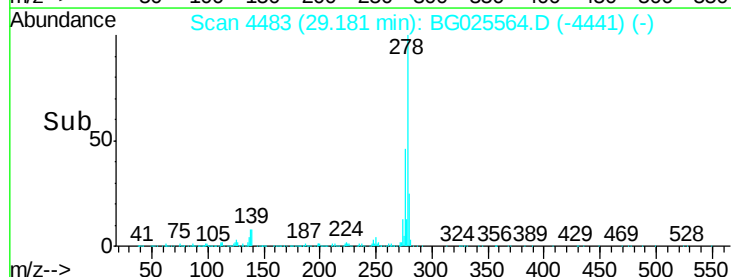
Abundance Ion 278.00 (277.70 to 278.70): E

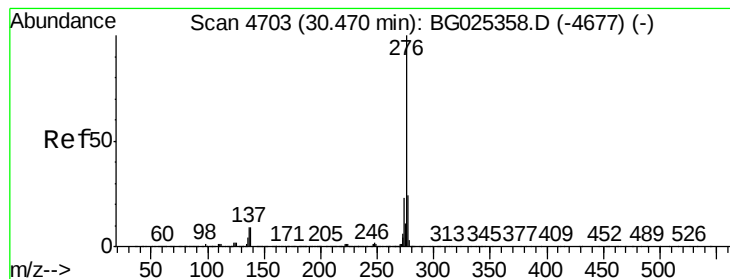
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

29.18

Time--> 29.00 29.20 29.40





#91

Benzo(g,h,i)perylene

Concen: 49.24 ng

RT: 30.36 min Scan# 4684

Delta R.T. -0.06 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

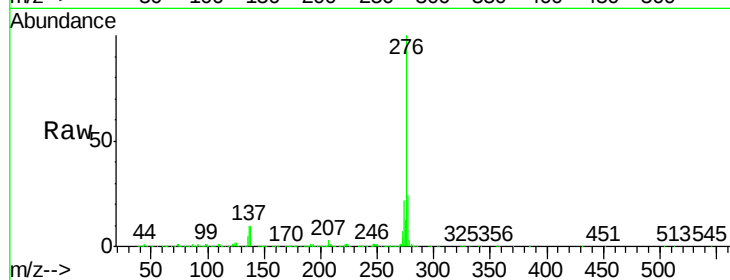
Tgt Ion:276 Resp: 2033914

Ion Ratio Lower Upper

276 100

277 24.4 18.6 27.8

138 9.9 8.1 12.1



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

