

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\
 Data File : BG026428.D
 Acq On : 24 Mar 2017 23:46
 Operator : SJ/MA
 Sample : I2379-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-4MSD

Quant Time: Mar 25 01:08:16 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	127453	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	556428	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	359077	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	902760	20.00	ng	0.00
75) Chrysene-d12	21.63	240	992189	20.00	ng	0.00
86) Perylene-d12	24.80	264	1001367	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	991669	138.10	ng	0.00
7) Phenol-d6	7.21	99	1330888	138.05	ng	0.00
23) Nitrobenzene-d5	9.20	82	708302	76.54	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	651579	158.46	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1971969	77.02	ng	0.00
78) Terphenyl-d14	19.98	244	2841139	69.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	94135	29.21	ng	# 70
3) Pyridine	3.90	79	211916	24.01	ng	# 61
4) n-Nitrosodimethylamine	3.81	42	82556	34.22	ng	# 1
6) Aniline	7.37	93	340188	26.42	ng	# 85
8) 2-Chlorophenol	7.61	128	345090	42.68	ng	# 77
9) Benzaldehyde	7.18	77	80381	12.35	ng	# 66
10) Phenol	7.24	94	437794	42.55	ng	# 68
11) bis(2-Chloroethyl)ether	7.46	93	306378	36.32	ng	# 80
12) 1,3-Dichlorobenzene	7.94	146	367629	38.19	ng	# 85
13) 1,4-Dichlorobenzene	8.08	146	378062	38.83	ng	# 90
14) 1,2-Dichlorobenzene	8.40	146	360421	38.68	ng	# 90
15) Benzyl Alcohol	8.28	79	258233	40.86	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	8.58	45	291855	31.15	ng	# 78
17) 2-Methylphenol	8.48	107	300202	41.09	ng	# 81
18) Hexachloroethane	9.13	117	116561	36.61	ng	# 95
19) n-Nitroso-di-n-propylamine	8.84	70	228378	36.85	ng	# 69
20) 3+4-Methylphenols	8.81	107	423974	42.15	ng	# 87
22) Acetophenone	8.86	105	490560	38.34	ng	# 73
24) Nitrobenzene	9.24	77	328534	35.96	ng	# 72
25) Isophorone	9.76	82	662126	37.96	ng	# 89
26) 2-Nitrophenol	9.96	139	209526	44.07	ng	# 60
27) 2,4-Dimethylphenol	10.02	122	343706	44.04	ng	# 85
28) bis(2-Chloroethoxy)methane	10.24	93	434461	38.34	ng	# 98
29) 2,4-Dichlorophenol	10.49	162	368625	46.71	ng	# 92
30) 1,2,4-Trichlorobenzene	10.71	180	366535	41.34	ng	# 98
31) Naphthalene	10.89	128	1077813	38.31	ng	# 99
32) Benzoic acid	10.09	122	34238	5.70	ng	# 68
33) 4-Chloroaniline	11.00	127	215699	18.85	ng	# 80
34) Hexachlorobutadiene	11.18	225	208171	39.80	ng	# 97
35) Caprolactam	11.75	113	126424m	40.65	ng	#
36) 4-Chloro-3-methylphenol	12.12	107	382426	45.30	ng	# 76
37) 2-Methylnaphthalene	12.49	142	844631	40.99	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	409276	37.88	ng	# 97
40) Hexachlorocyclopentadiene	12.84	237	429870	75.59	ng	# 94

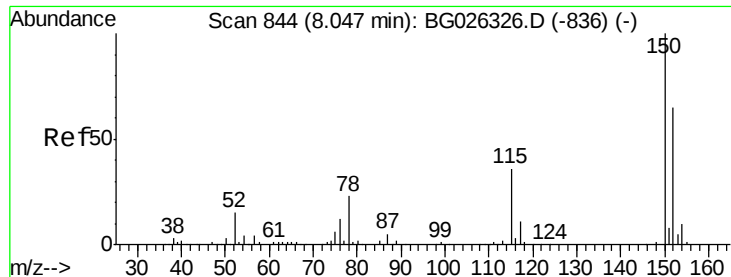
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	309880	43.81	nq	96
43) 2,4,5-Trichlorophenol	13.17	196	325610	41.64	nq	# 91
45) 1,1'-Biphenyl	13.49	154	1114314	37.47	nq	97
46) 2-Chloronaphthalene	13.53	162	837283	38.55	nq	96
47) 2-Nitroaniline	13.73	65	227077	36.76	nq	# 55
48) Acenaphthylene	14.37	152	1423226	37.59	nq	99
49) Dimethylphthalate	14.10	163	1279031	47.19	nq	99
50) 2,6-Dinitrotoluene	14.22	165	271028	42.85	nq	# 55
51) Acenaphthene	14.72	154	890845	38.21	nq	98
52) 3-Nitroaniline	14.55	138	207493	29.79	nq	# 65
53) 2,4-Dinitrophenol	14.76	184	253456	69.07	nq	# 73
54) Dibenzofuran	15.04	168	1388032	42.28	nq	# 88
55) 4-Nitrophenol	14.86	139	499973	87.66	nq	# 38
56) 2,4-Dinitrotoluene	15.01	165	391877	44.05	nq	# 66
57) Fluorene	15.69	166	1154925	39.53	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	323422	47.43	nq	# 96
59) Diethylphthalate	15.46	149	1149643	41.50	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	570603	41.22	nq	89
61) 4-Nitroaniline	15.71	138	315375	42.81	nq	# 49
62) Azobenzene	15.97	77	904161	40.14	nq	76
64) 4,6-Dinitro-2-methylphenol	15.77	198	240614	42.28	nq	83
65) n-Nitrosodiphenylamine	15.89	169	1050438	39.65	nq	98
66) 4-Bromophenyl-phenylether	16.57	248	387264	41.68	nq	92
67) Hexachlorobenzene	16.70	284	415642	41.93	nq	90
68) Atrazine	16.83	200	401641	40.04	nq	97
69) Pentachlorophenol	17.04	266	513799	79.73	nq	95
70) Phenanthrene	17.42	178	1835820	37.87	nq	98
71) Anthracene	17.51	178	1922110	38.86	nq	99
72) Carbazole	17.78	167	1848501	36.30	nq	97
73) Di-n-butylphthalate	18.33	149	2045481	39.10	nq	# 95
74) Fluoranthene	19.43	202	2196959	38.54	nq	97
76) Benzidine	19.60	184	782913	22.89	nq	96
77) Pyrene	19.79	202	2235299	38.91	nq	99
79) Butylbenzylphthalate	20.66	149	956186	41.60	nq	# 83
80) Benzo(a)anthracene	21.61	228	2141830	38.36	nq	100
81) 3,3'-Dichlorobenzidine	21.52	252	583158	25.51	nq	# 98
82) Chrysene	21.68	228	1974970	37.02	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1355824	39.05	nq	96
84) Di-n-octyl phthalate	22.70	149	2327153	39.28	nq	# 80
85) Indeno(1,2,3-cd)pyrene	28.43	276	2720352	41.30	nq	# 88
87) Benzo(b)fluoranthene	23.80	252	2330536	39.48	nq	# 97
88) Benzo(k)fluoranthene	23.86	252	2175297	38.00	nq	# 95
89) Benzo(a)pyrene	24.66	252	2206900	38.98	nq	# 95
90) Dibenzo(a,h)anthracene	28.49	278	2264510	39.58	nq	# 93
91) Benzo(g,h,i)perylene	29.57	276	2253513	39.09	nq	# 87

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

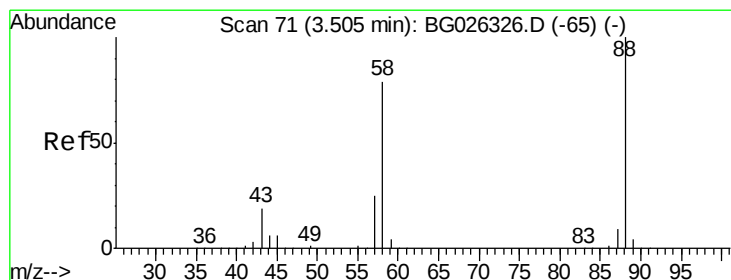
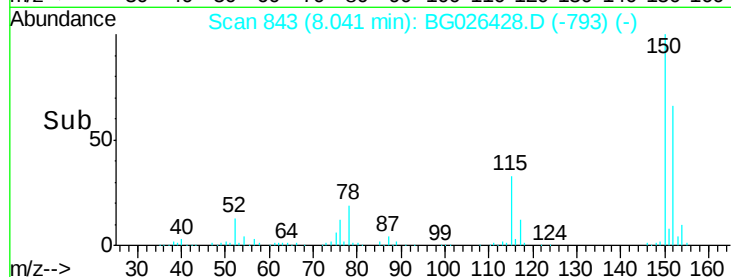
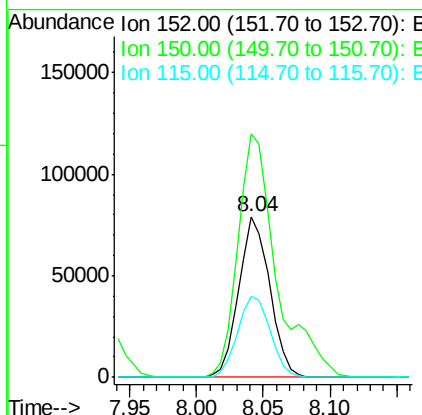
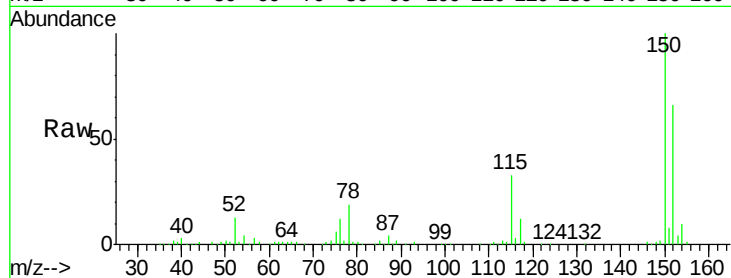


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Instrument :
BNA_G
ClientSampleId :
B-4MSD

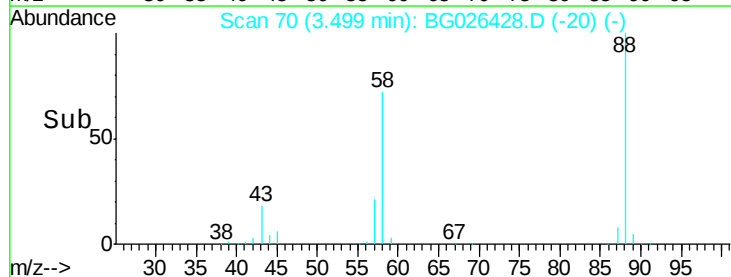
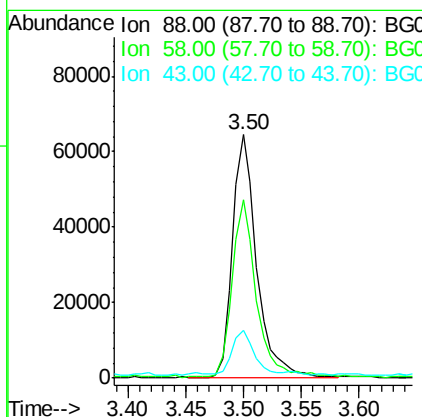
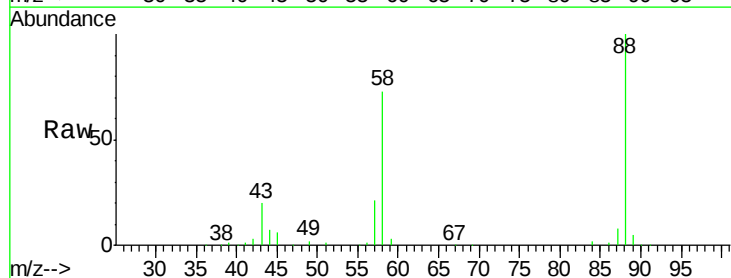
Tot Ion:152 Resp: 127453
Ion Ratio Lower Upper
152 100
150 151.3 114.0 171.0
115 50.6 48.1 72.1

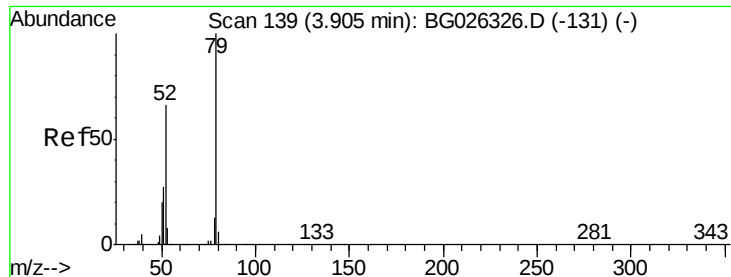


#2

1,4-Dioxane
Concen: 29.21 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion: 88 Resp: 94135
Ion Ratio Lower Upper
88 100
58 72.8 79.4 119.2#
43 17.5 33.8 50.6#





#3

Pvridine

Concen: 24.01 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

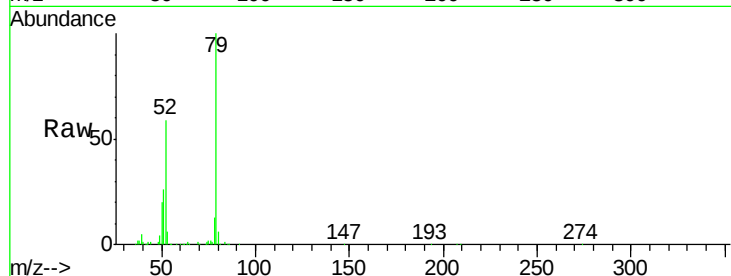
Tot Ion: 79 Resp: 211916

Ion Ratio Lower Upper

79 100

52 58.8 77.8 116.6#

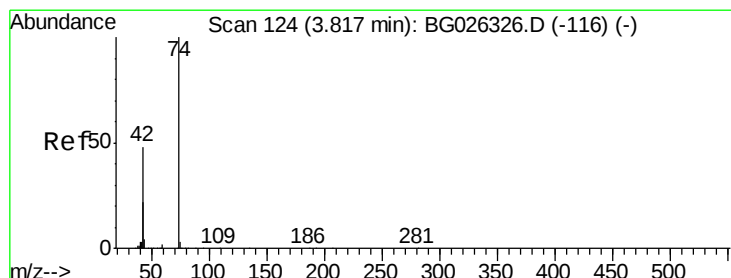
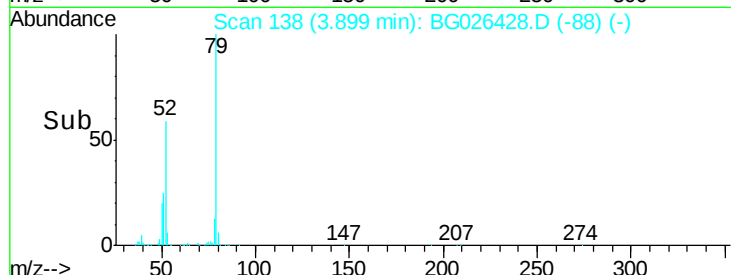
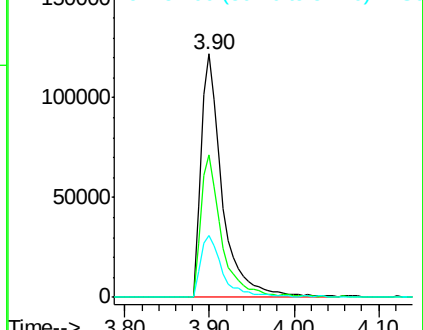
51 25.6 43.2 64.8#



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: 34.22 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

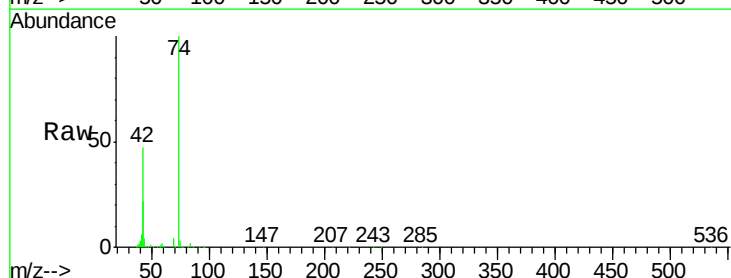
Tgt Ion: 42 Resp: 82556

Ion Ratio Lower Upper

42 100

74 211.0 76.7 115.1#

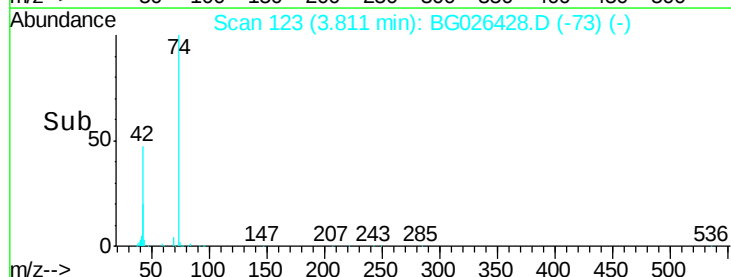
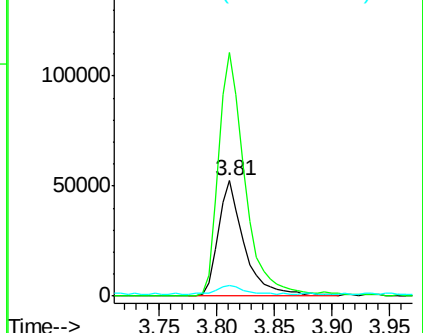
44 8.9 6.1 9.1

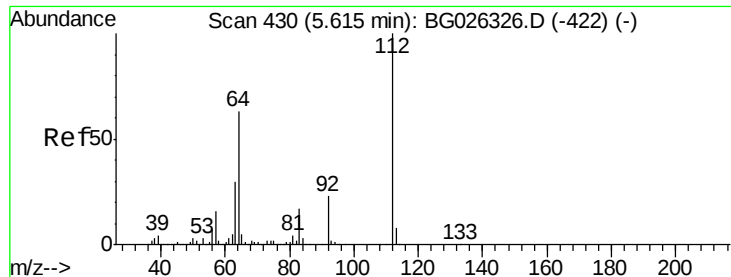


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 138.10 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

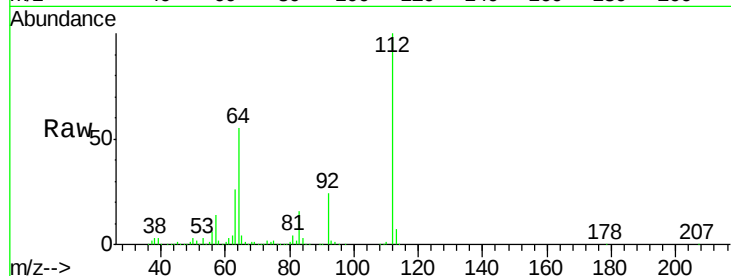
Tot Ion:112 Resp: 991669

Ion Ratio Lower Upper

112 100

64 54.5 61.8 92.6#

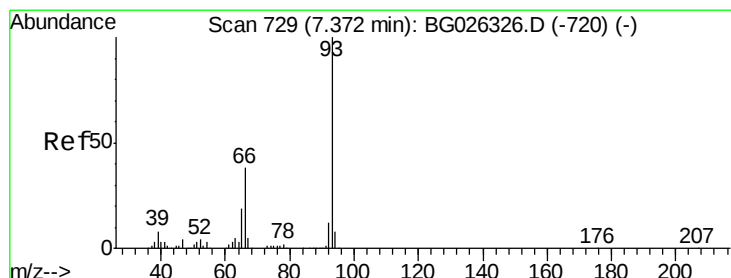
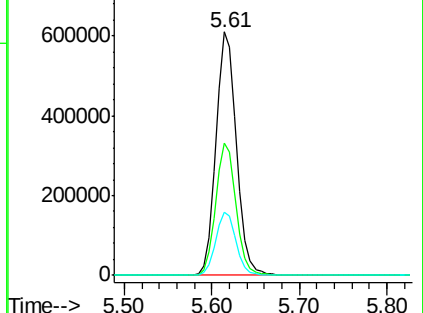
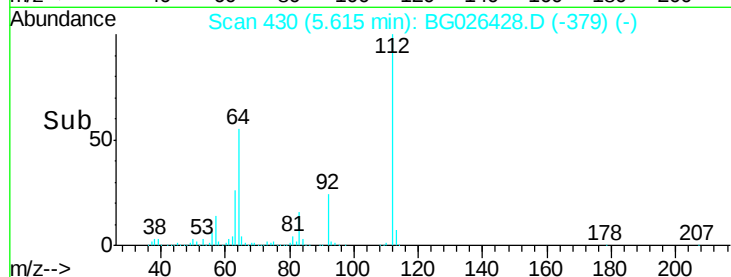
63 26.0 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.42 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

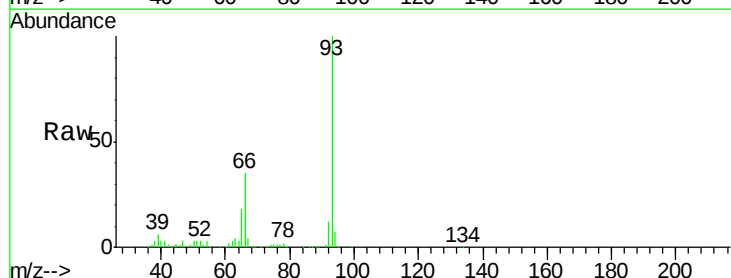
Tgt Ion: 93 Resp: 340188

Ion Ratio Lower Upper

93 100

66 35.1 35.4 53.2#

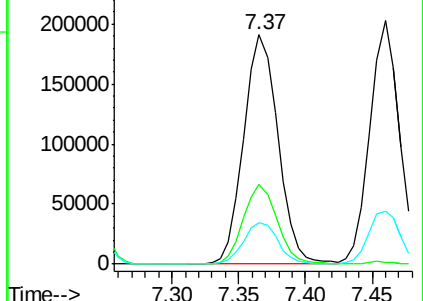
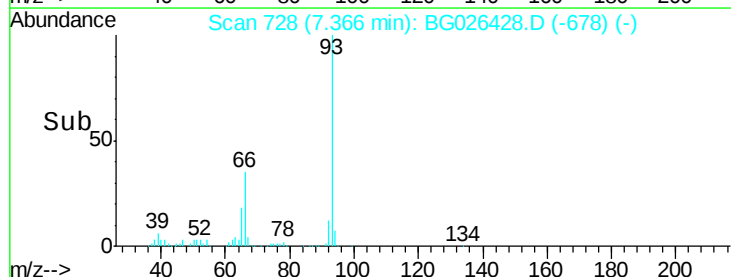
65 17.9 21.2 31.8#

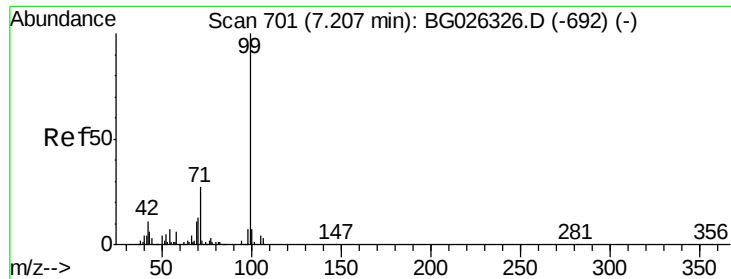


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.05 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

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B-4MSD

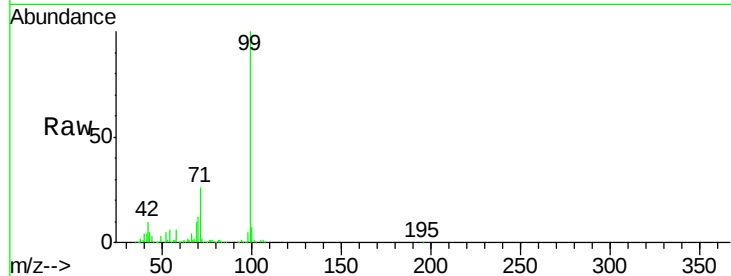
Tot Ion: 99 Resp: 1330888

Ion Ratio Lower Upper

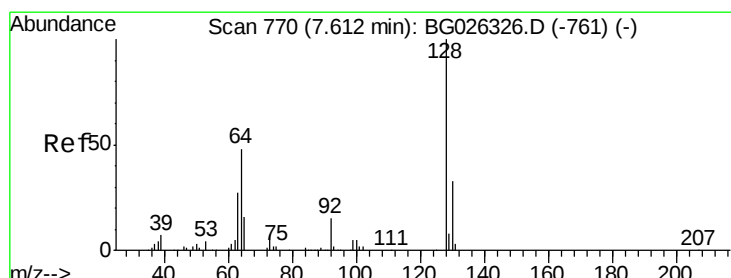
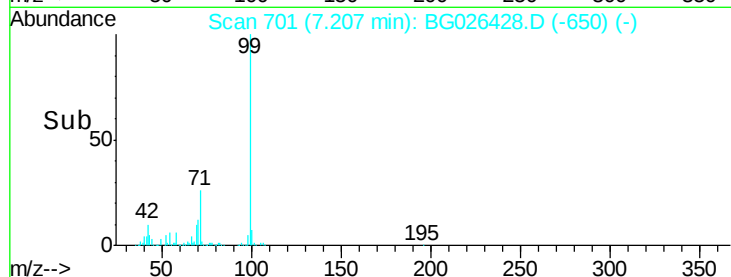
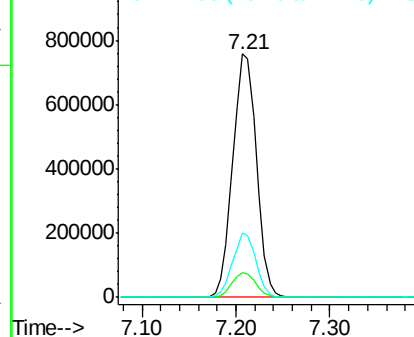
99 100

42 10.2 20.5 30.7#

71 26.4 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: 42.68 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

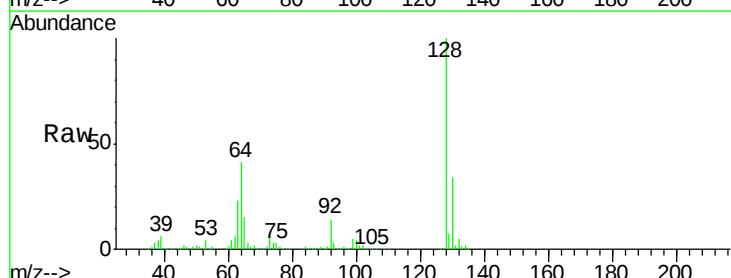
Tgt Ion: 128 Resp: 345090

Ion Ratio Lower Upper

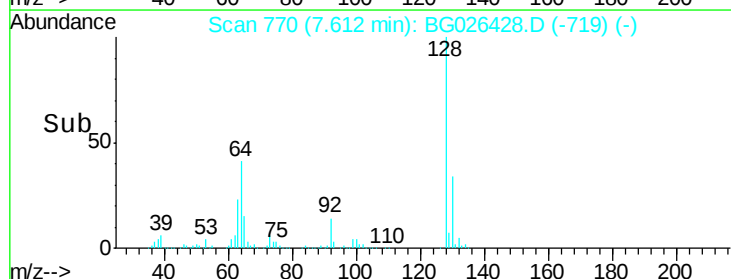
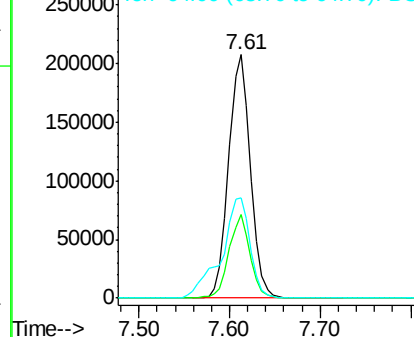
128 100

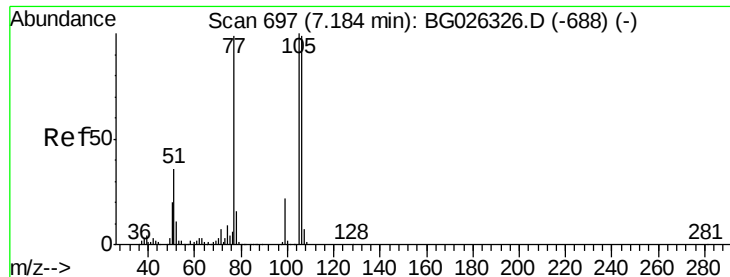
130 34.3 11.4 51.4

64 41.4 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: 12.35 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

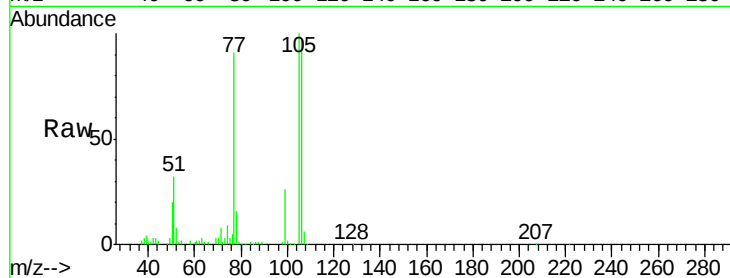
Tot Ion: 77 Resp: 80381

Ion Ratio Lower Upper

77 100

105 109.4 60.9 100.9#

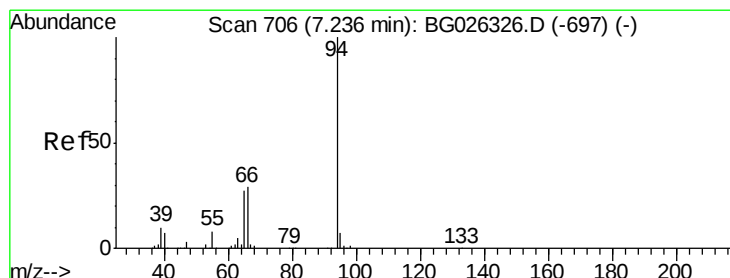
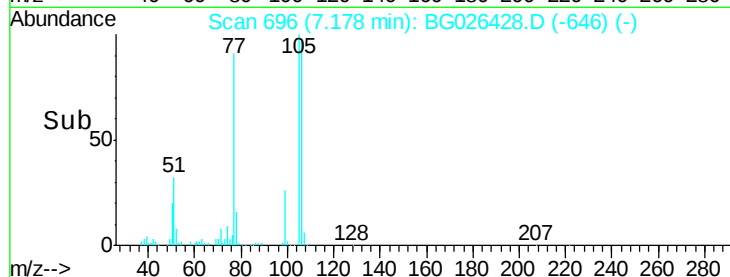
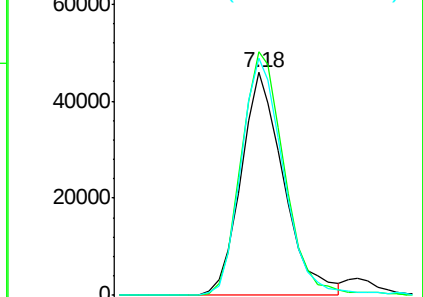
106 106.5 55.1 95.1#



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: 42.55 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

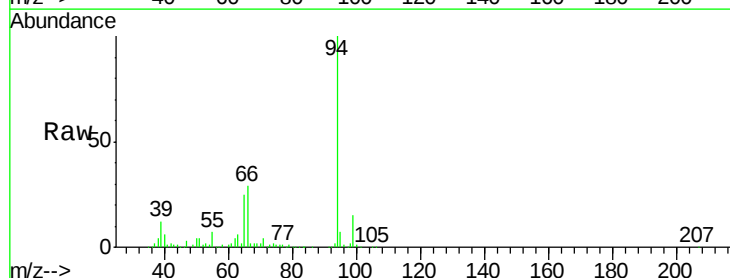
Tgt Ion: 94 Resp: 437794

Ion Ratio Lower Upper

94 100

65 24.6 20.6 60.6

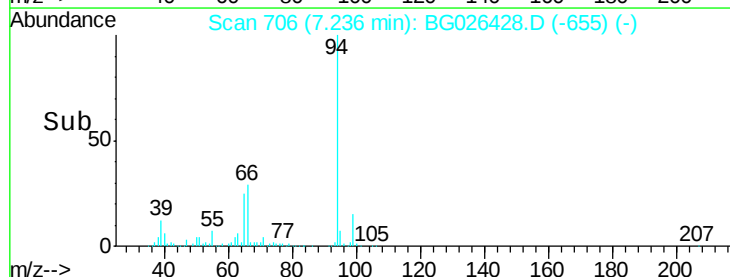
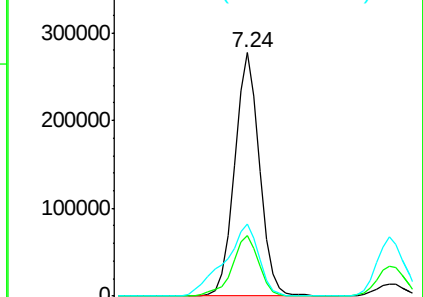
66 29.4 35.5 75.5#

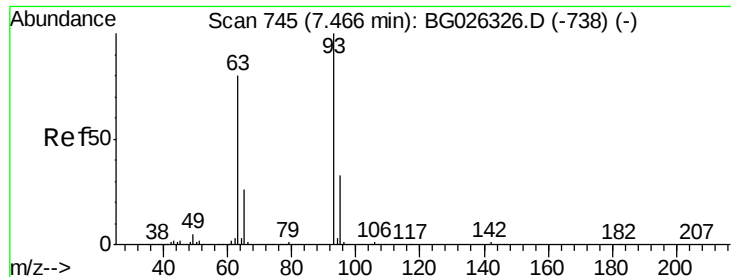


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 36.32 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

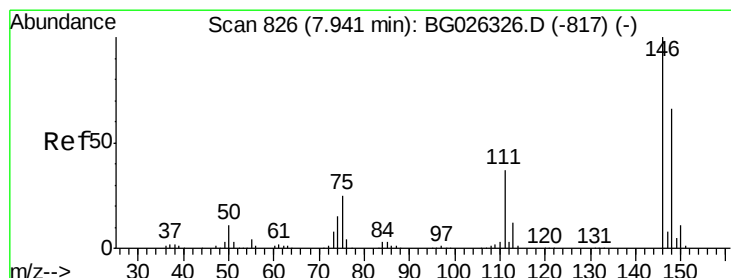
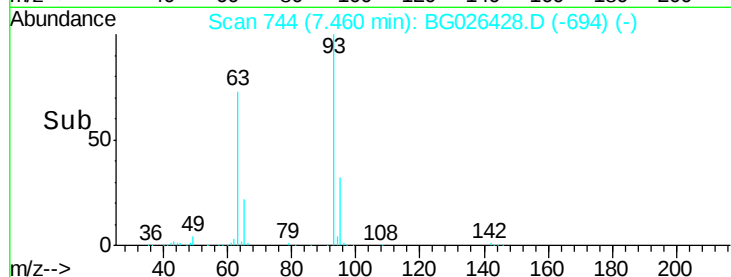
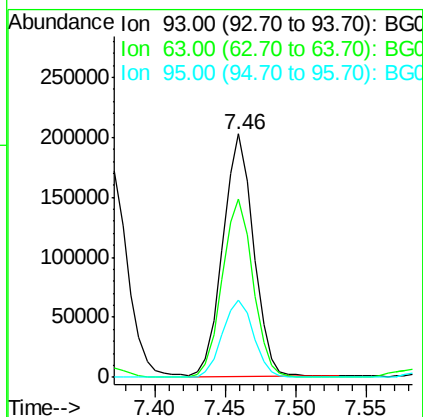
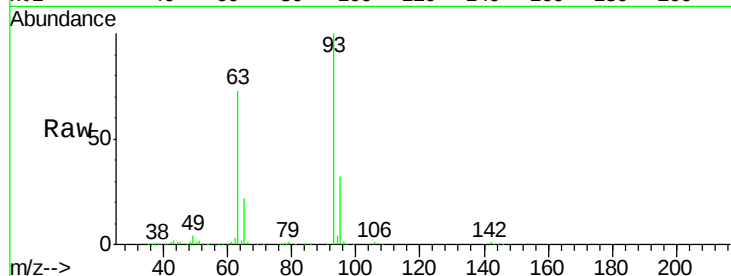
Tot Ion: 93 Resp: 306378

Ion Ratio Lower Upper

93 100

63 73.4 78.5 118.5#

95 31.9 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 38.19 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

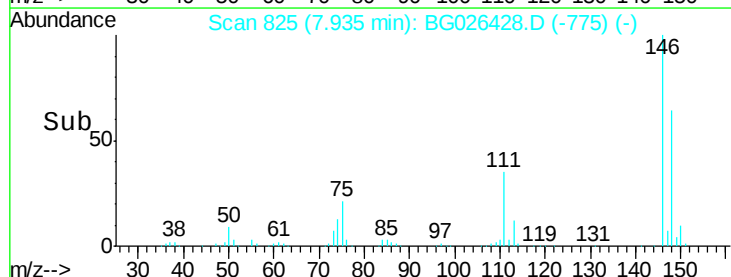
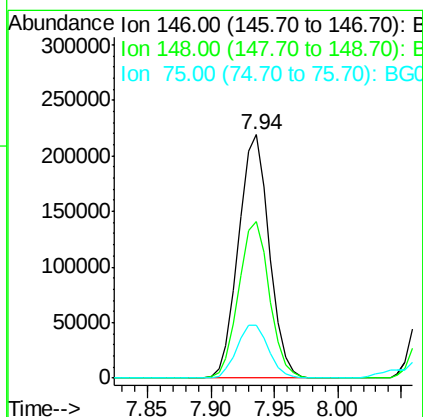
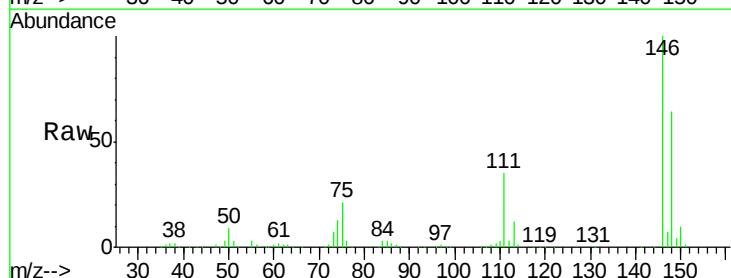
Tgt Ion: 146 Resp: 367629

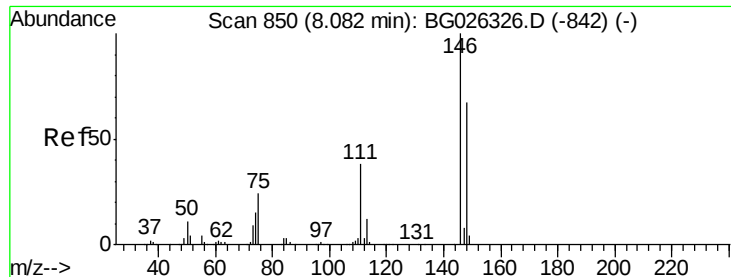
Ion Ratio Lower Upper

146 100

148 64.1 49.2 73.8

75 21.5 33.4 50.2#

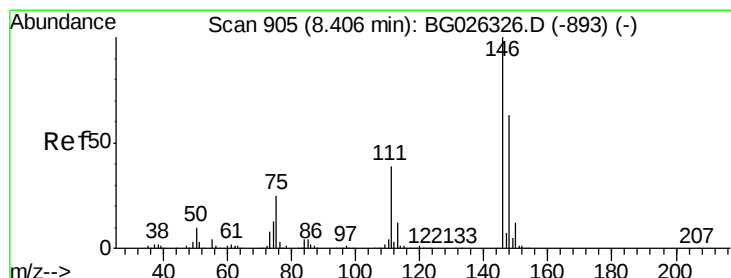
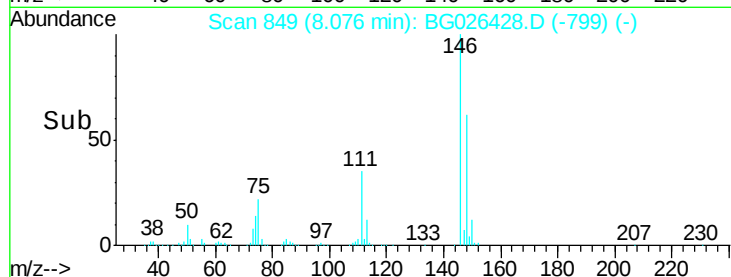
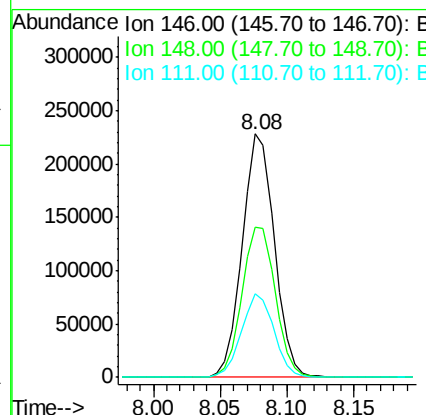
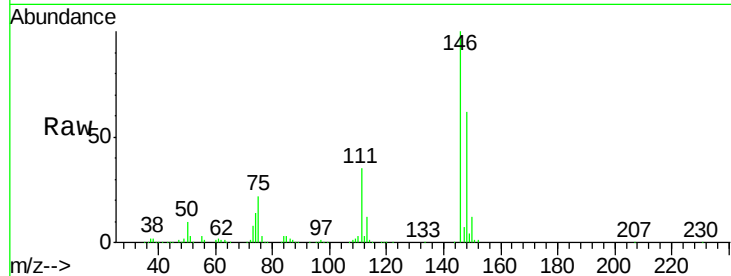




#13
 1,4-Dichlorobenzene
 Concen: 38.83 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

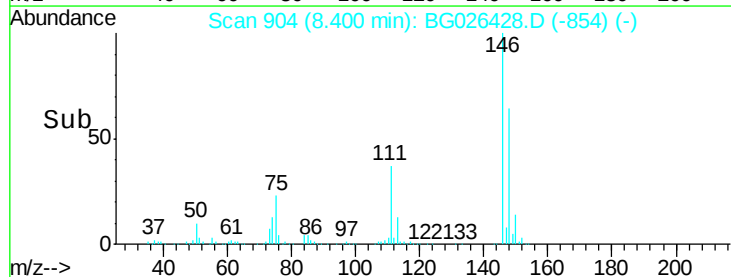
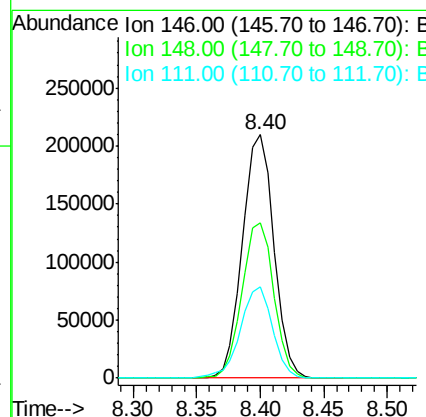
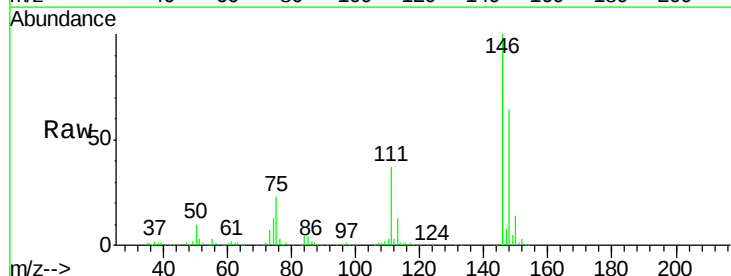
Instrument :
 BNA_G
 ClientSampleId :
 B-4MSD

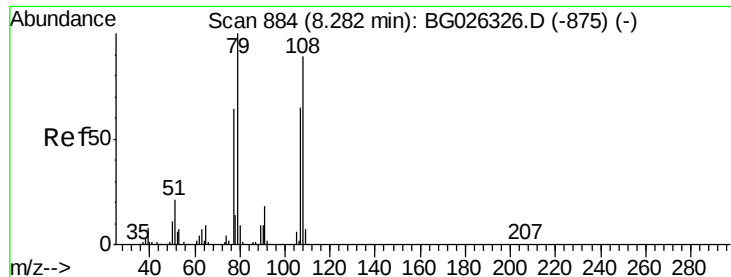
Tot Ion:146 Resp: 378062
 Ion Ratio Lower Upper
 146 100
 148 61.8 52.2 78.2
 111 34.6 37.0 55.6#



#14
 1,2-Dichlorobenzene
 Concen: 38.68 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

Tgt Ion:146 Resp: 360421
 Ion Ratio Lower Upper
 146 100
 148 64.0 54.6 81.8
 111 37.5 39.7 59.5#





#15

Benzyl Alcohol

Concen: 40.86 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

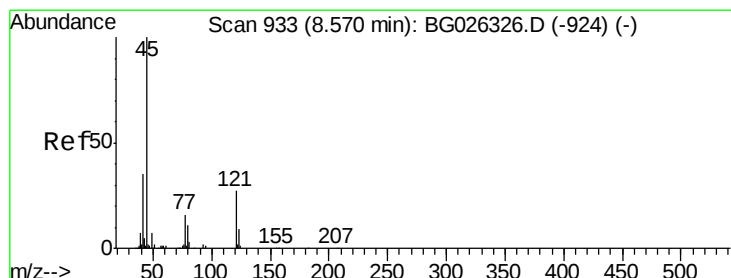
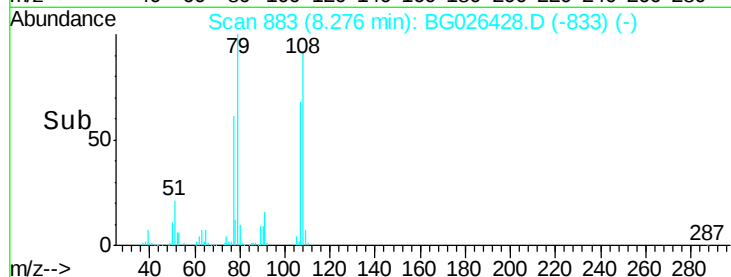
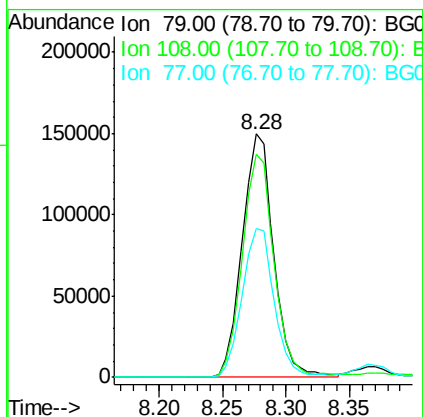
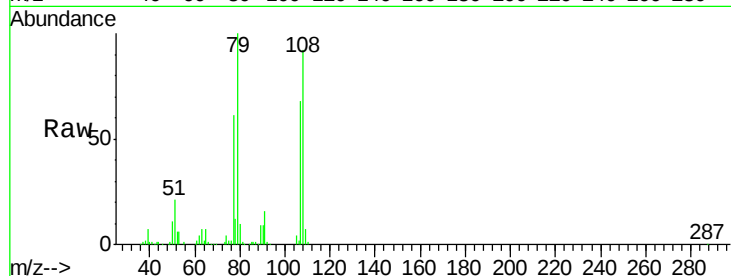
Tot Ion: 79 Resp: 258233

Ion Ratio Lower Upper

79 100

108 91.6 45.5 68.3#

77 61.4 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.15 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

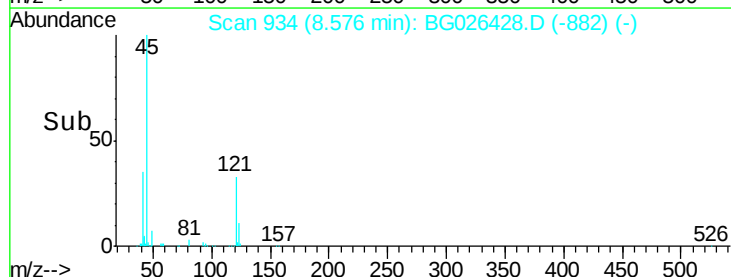
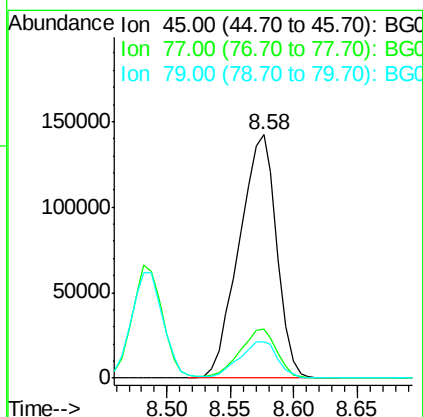
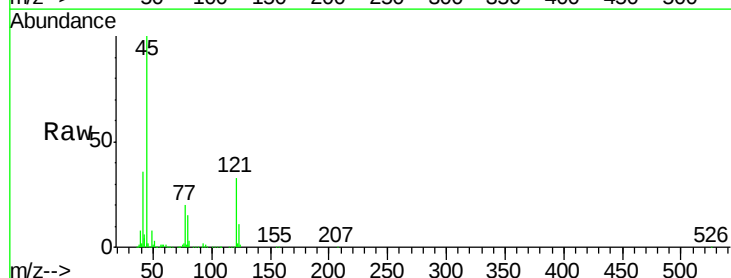
Tgt Ion: 45 Resp: 291855

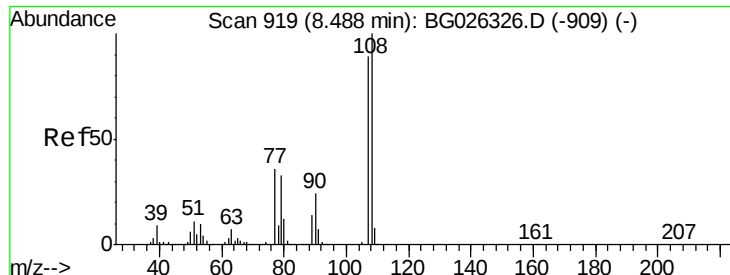
Ion Ratio Lower Upper

45 100

77 20.0 0.0 30.6

79 14.7 0.0 28.5

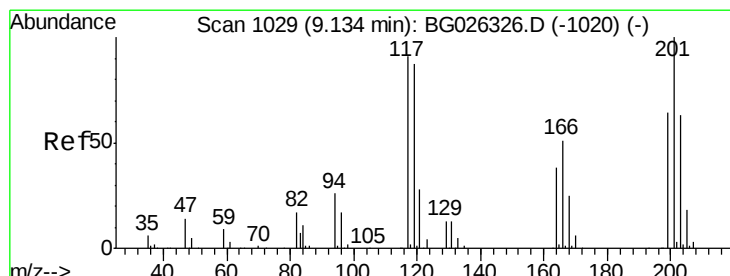
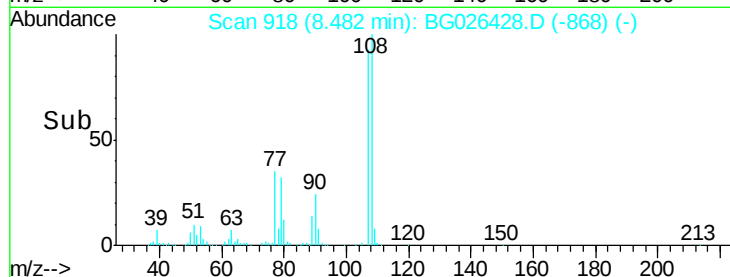
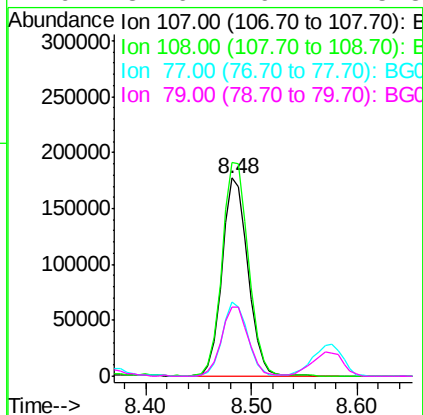
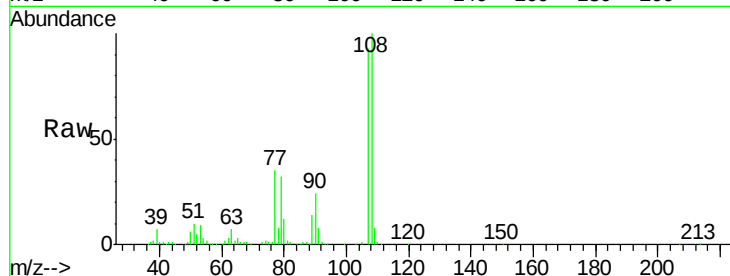




#17
2-Methylphenol
Concen: 41.09 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

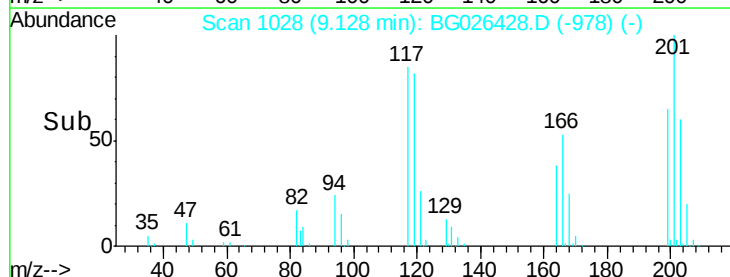
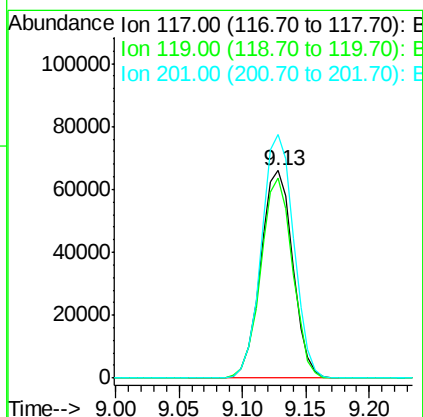
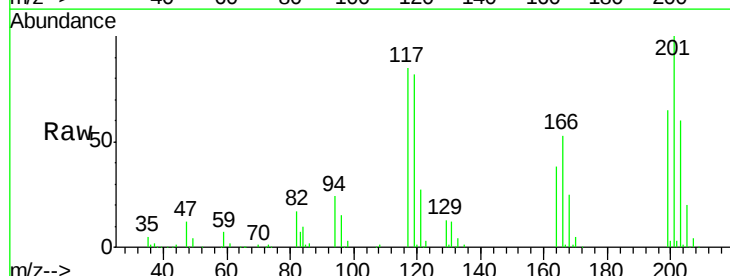
Instrument :
BNA_G
ClientSampleId :
B-4MSD

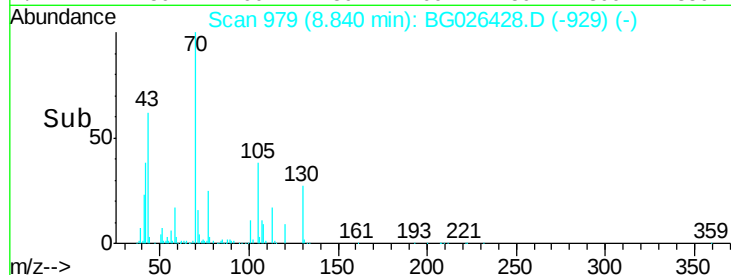
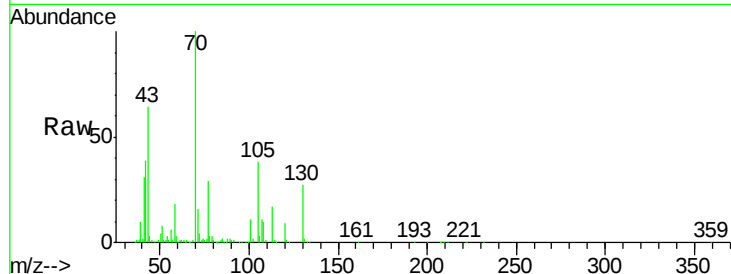
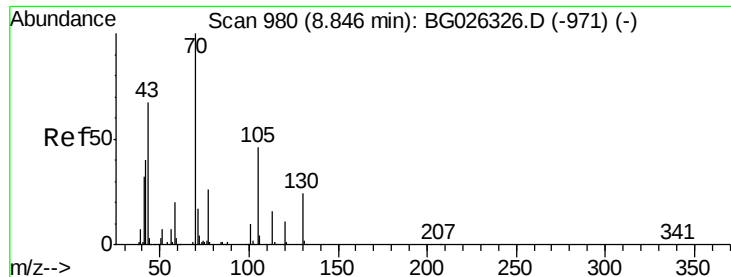
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.7	85.6	128.4
77	37.2	51.4	77.2#
79	34.6	49.2	73.8#



#18
Hexachloroethane
Concen: 36.61 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	69.8	104.6
201	117.2	95.4	143.0

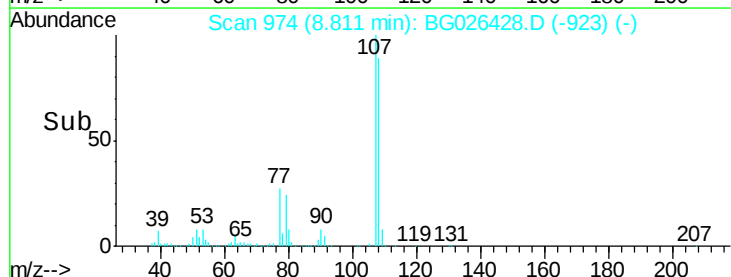
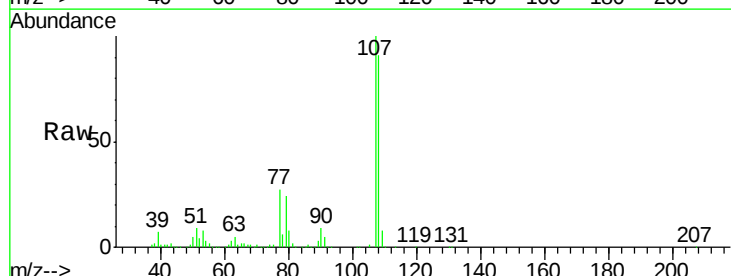
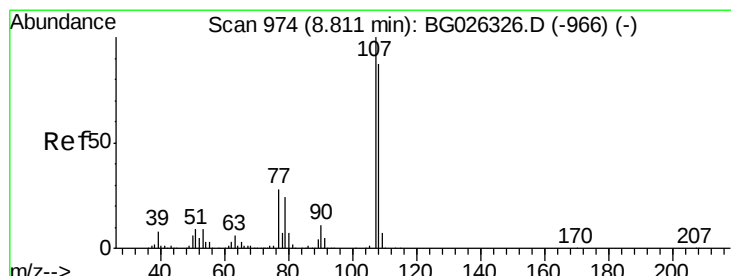
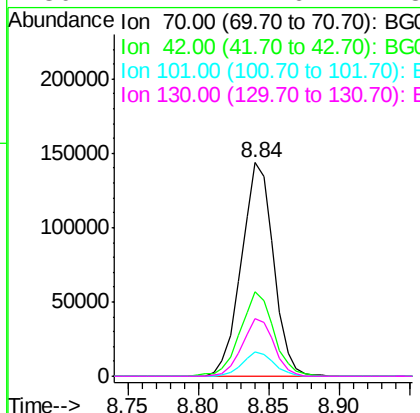




#19
n-Nitroso-di-n-propylamine
Concen: 36.85 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

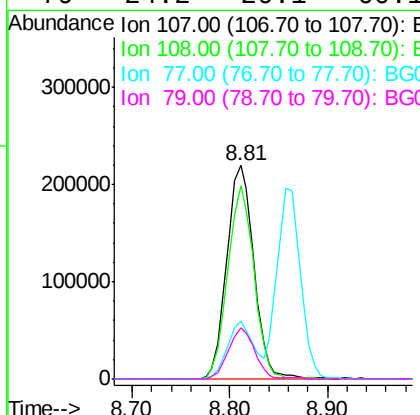
Instrument :
BNA_G
ClientSampleId :
B-4MSD

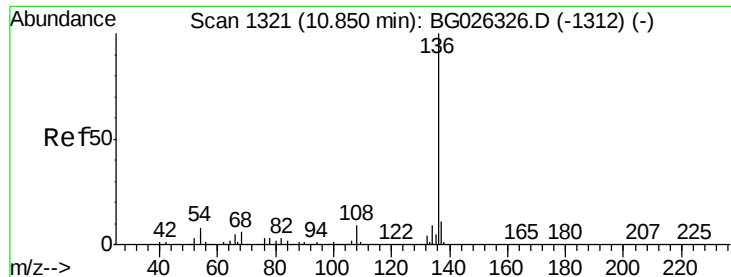
Tot Ion: 70 Resp: 228378
Ion Ratio Lower Upper
70 100
42 39.4 56.1 84.1#
101 11.1 7.5 11.3
130 27.2 14.6 21.8#



#20
3+4-Methylphenols
Concen: 42.15 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion: 107 Resp: 423974
Ion Ratio Lower Upper
107 100
108 90.7 70.8 110.8
77 26.9 25.8 65.8
79 24.2 20.1 60.1

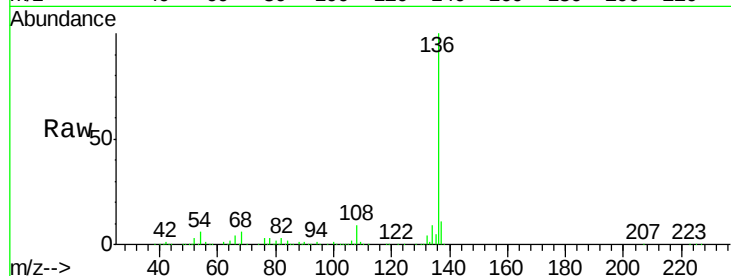




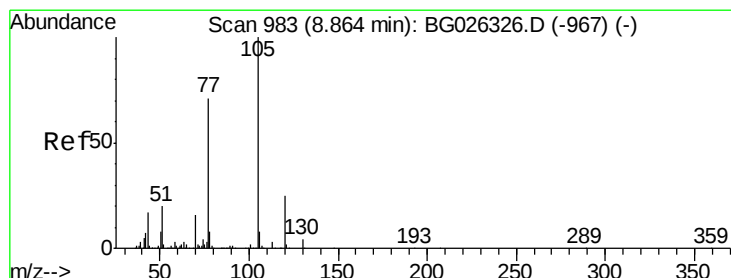
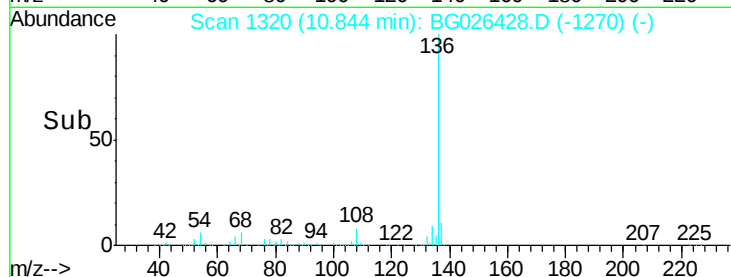
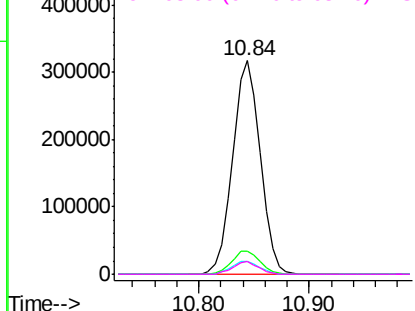
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Instrument :
BNA_G
ClientSampleId :
B-4MSD

Tot Ion:136	Resp:	556428
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	5.9	9.3 13.9#
68	5.8	5.1 7.7

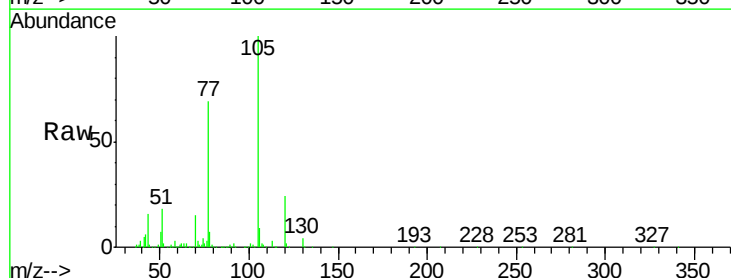


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

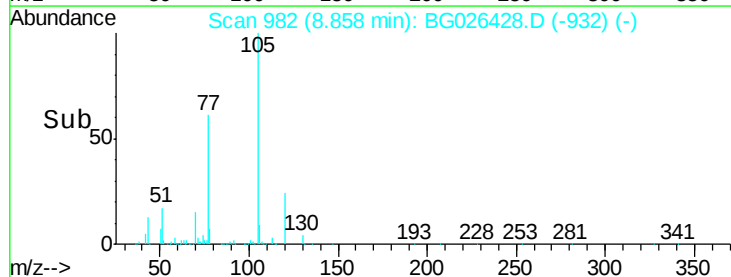
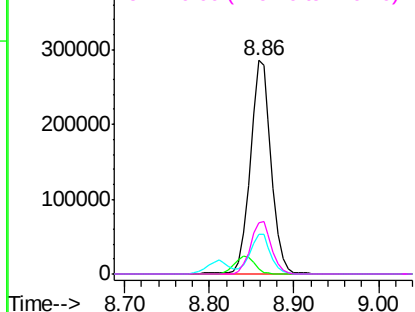


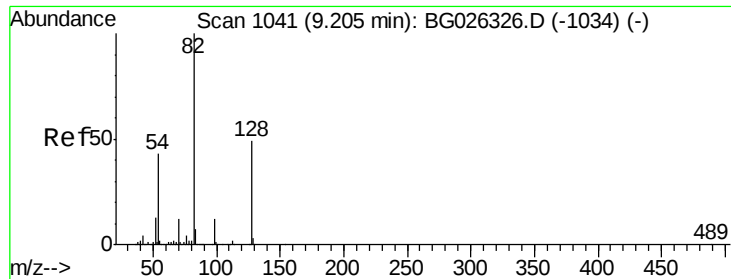
#22
Acetophenone
Concen: 38.34 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion:105	Resp:	490560
Ion	Ratio	Lower Upper
105	100	
71	2.6	0.9 1.3#
51	18.4	34.0 51.0#
120	24.2	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

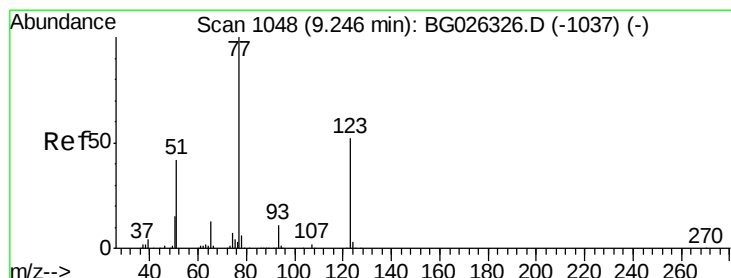
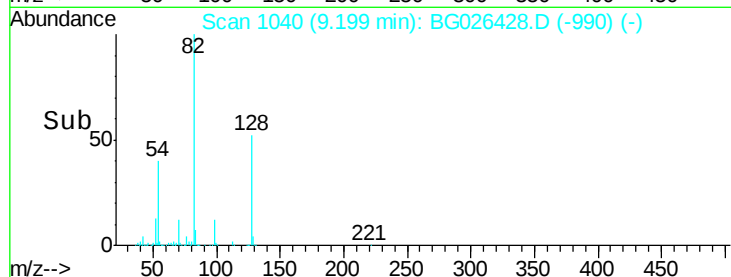
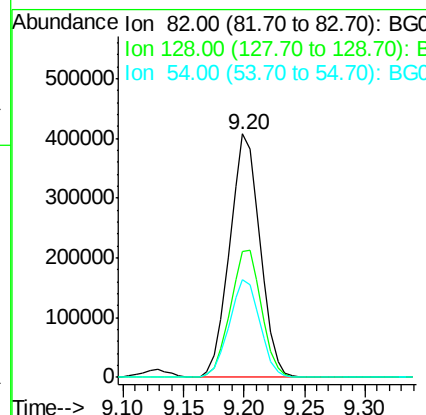
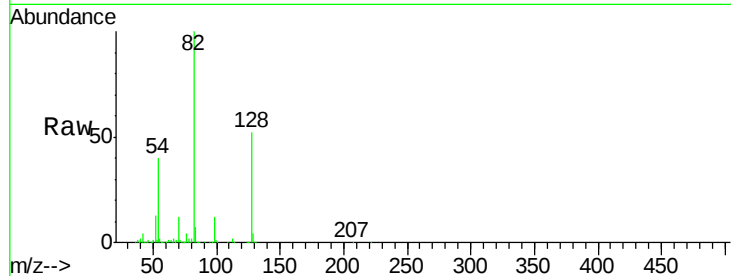




#23
 Nitrobenzene-d5
 Concen: 76.54 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

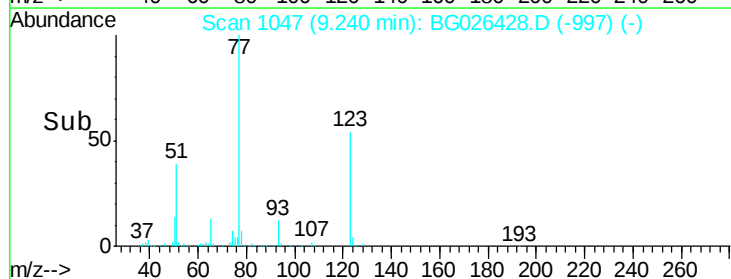
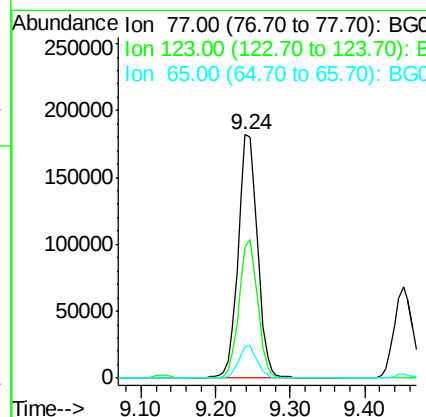
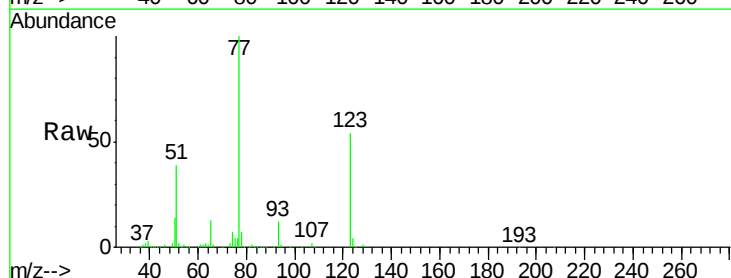
Instrument :
 BNA_G
 ClientSampleId :
 B-4MSD

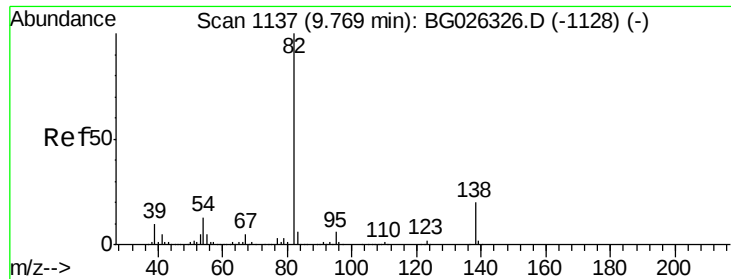
Tot Ion: 82 Resp: 708302
 Ion Ratio Lower Upper
 82 100
 128 51.8 26.4 39.6#
 54 40.2 49.4 74.2#



#24
 Nitrobenzene
 Concen: 35.96 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

Tgt Ion: 77 Resp: 328534
 Ion Ratio Lower Upper
 77 100
 123 53.8 26.1 39.1#
 65 13.0 12.4 18.6





#25

Isophorone

Concen: 37.96 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

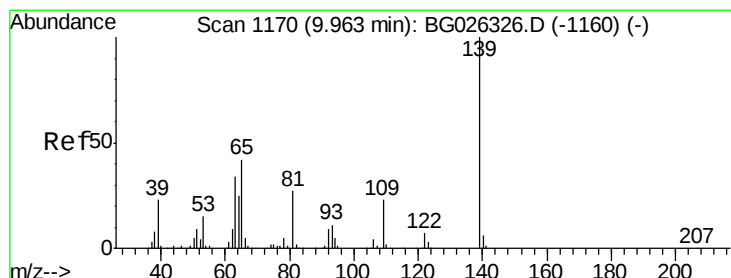
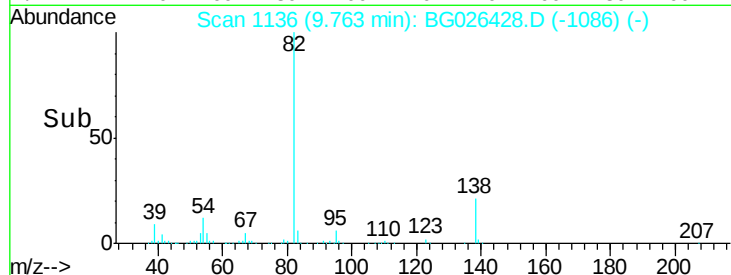
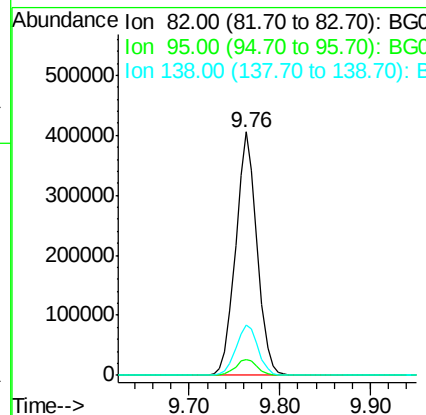
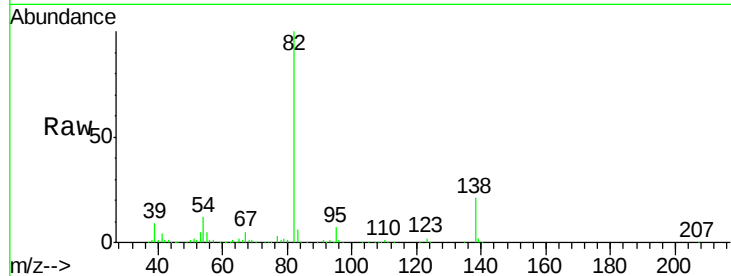
Tot Ion: 82 Resp: 662126

Ion Ratio Lower Upper

82 100

95 6.5 7.5 11.3#

138 20.6 12.3 18.5#



#26

2-Nitrophenol

Concen: 44.07 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

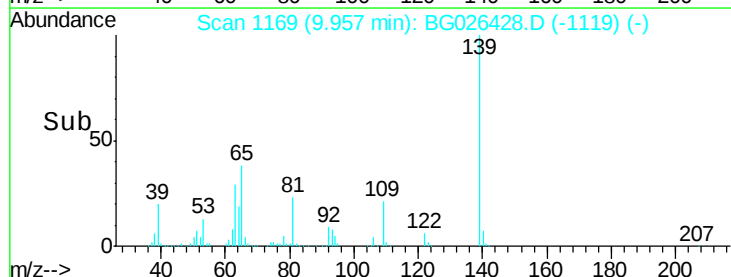
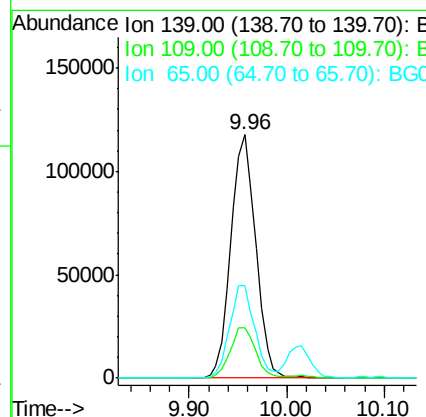
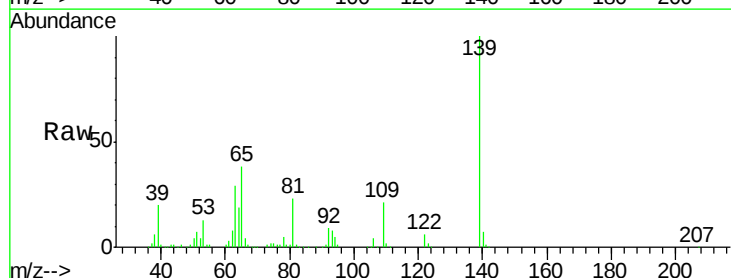
Tgt Ion: 139 Resp: 209526

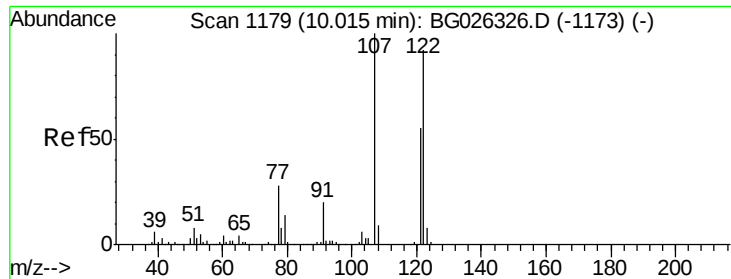
Ion Ratio Lower Upper

139 100

109 20.6 38.6 58.0#

65 38.2 57.1 85.7#

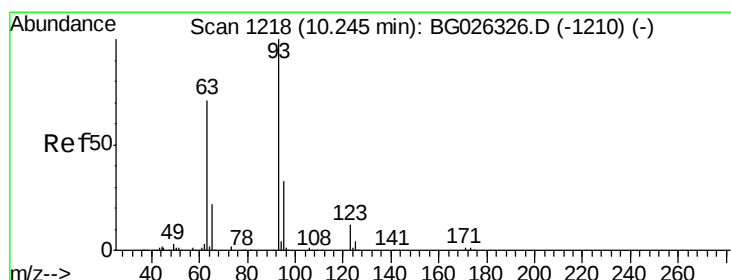
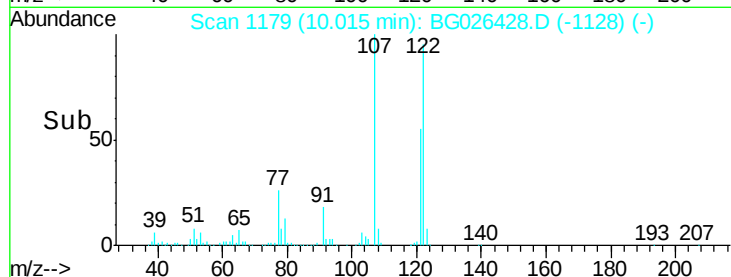
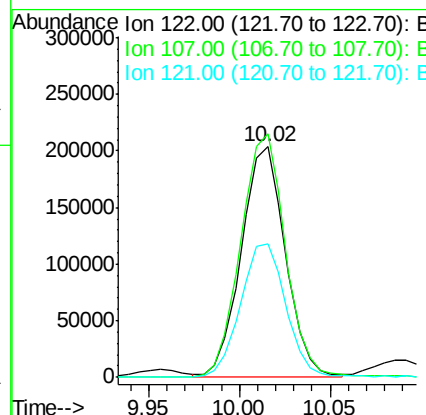
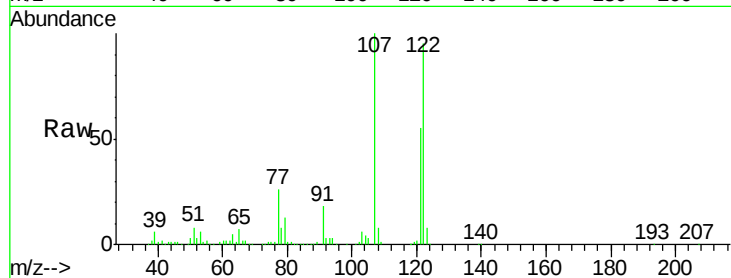




#27
 2,4-Dimethylphenol
 Concen: 44.04 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

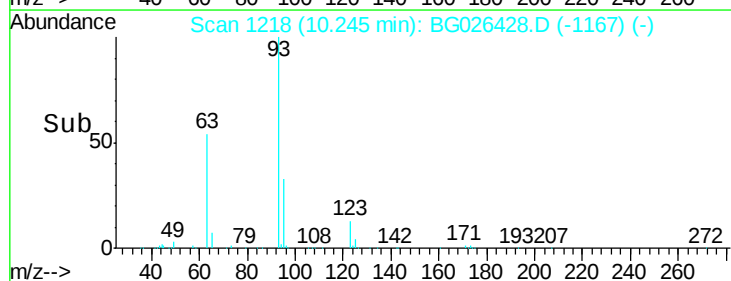
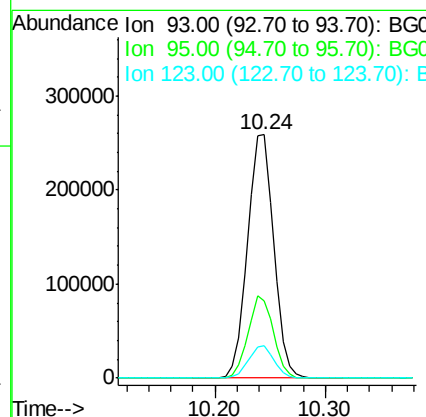
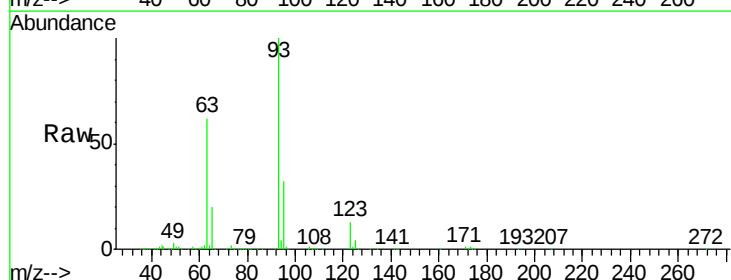
Instrument :
 BNA_G
 ClientSampleId :
 B-4MSD

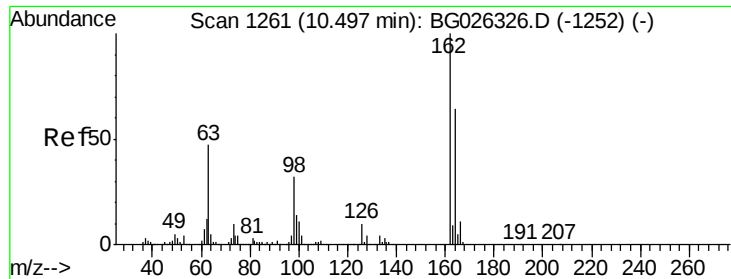
Tot Ion	122	Resp	343706
Ion Ratio	Lower	Upper	
122	100		
107	105.6	104.2	156.4
121	57.7	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.34 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

Tgt Ion	93	Resp	434461
Ion Ratio	Lower	Upper	
93	100		
95	32.0	25.7	38.5
123	13.3	8.3	12.5#

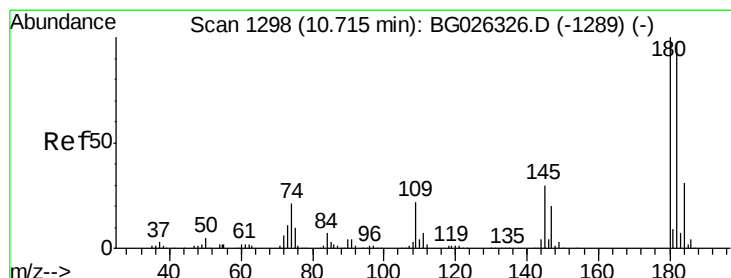
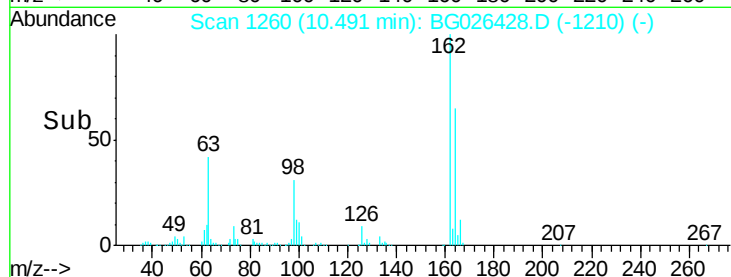
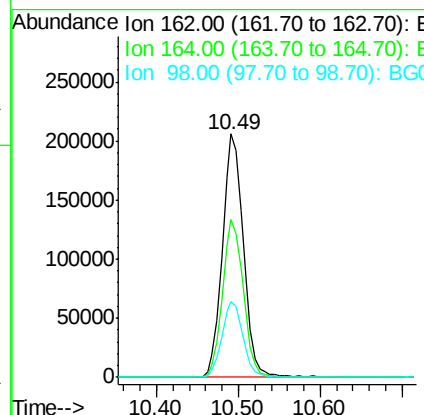
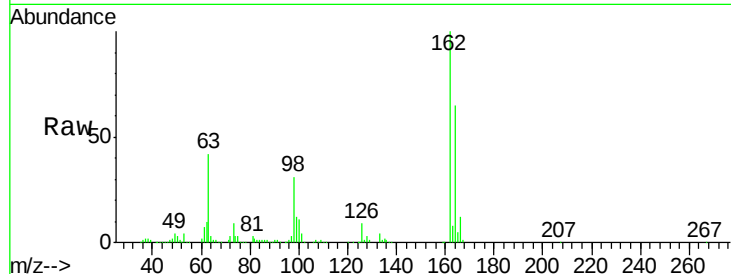




#29
2,4-Dichlorophenol
Concen: 46.71 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

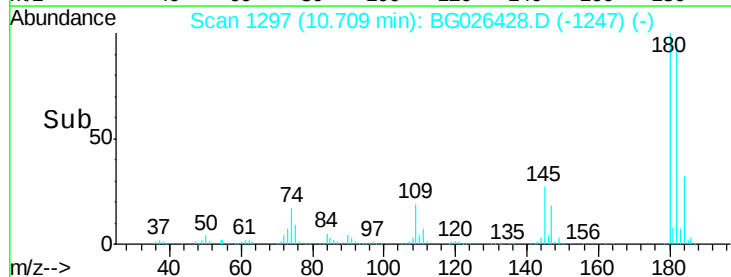
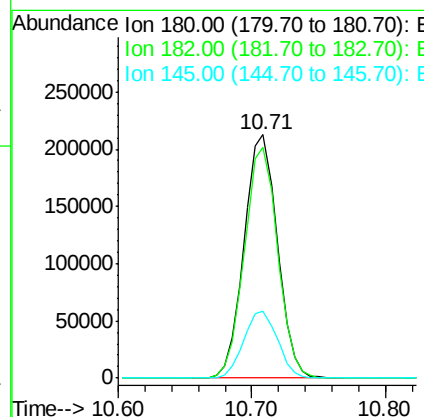
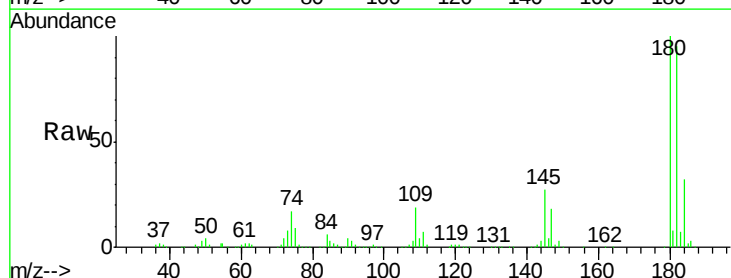
Instrument :
BNA_G
ClientSampled :
B-4MSD

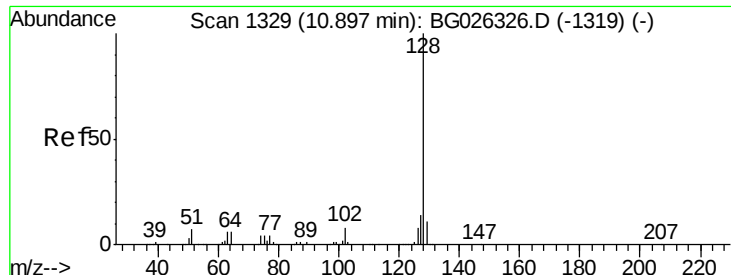
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.4	82.4
98	31.3	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 41.34 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.0	115.4
145	27.3	23.4	35.0

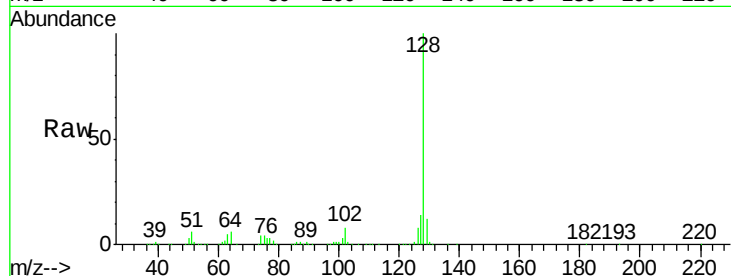




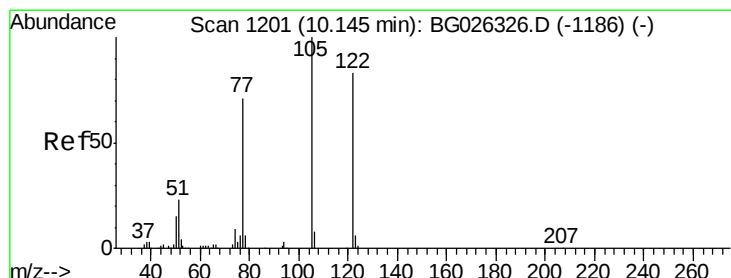
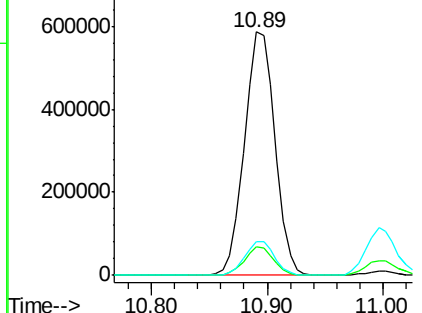
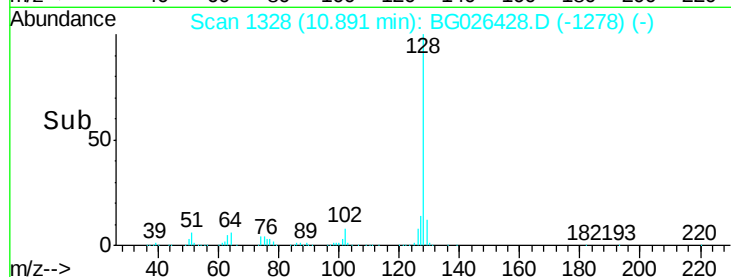
#31
Naphthalene
Concen: 38.31 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Instrument :
BNA_G
ClientSampleId :
B-4MSD

Tot Ion:128 Resp: 1077813
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.9 11.4 17.0

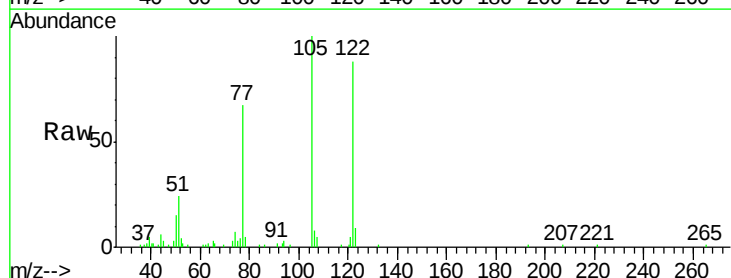


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

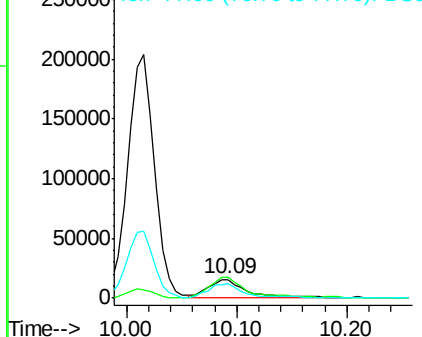
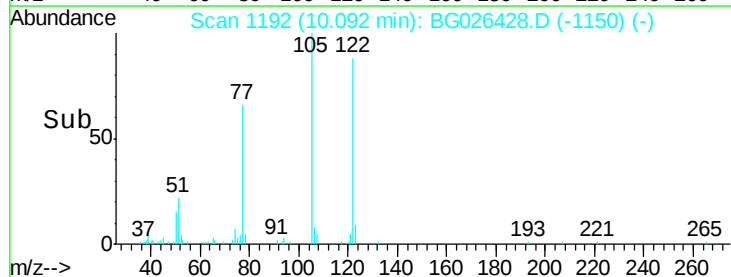


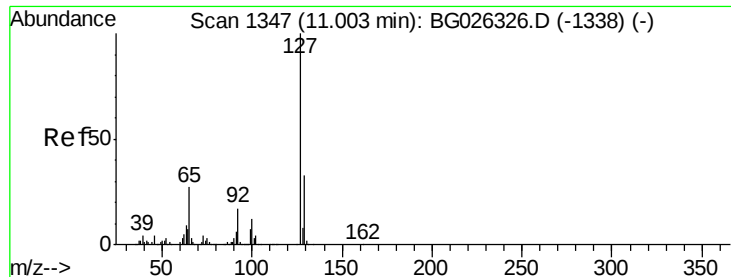
#32
Benzoic acid
Concen: 5.70 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.05 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion:122 Resp: 34238
Ion Ratio Lower Upper
122 100
105 113.7 120.1 160.1#
77 76.0 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

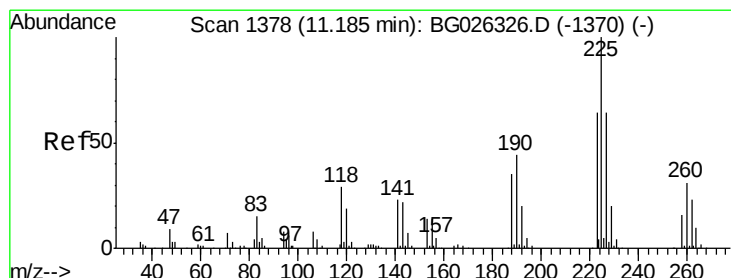
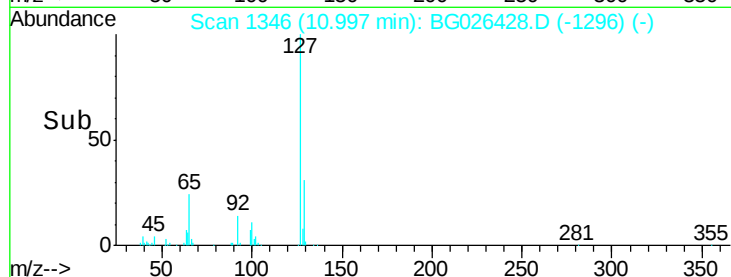
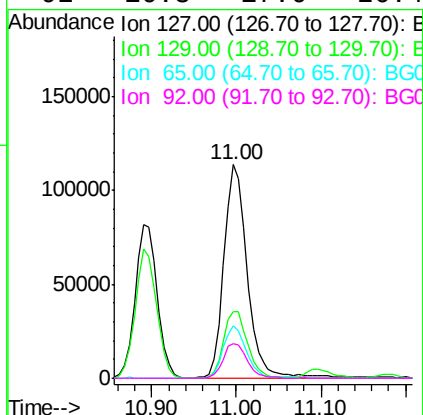
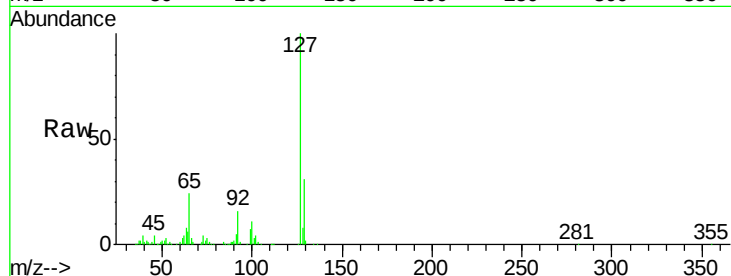




#33
4-Chloroaniline
Concen: 18.85 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

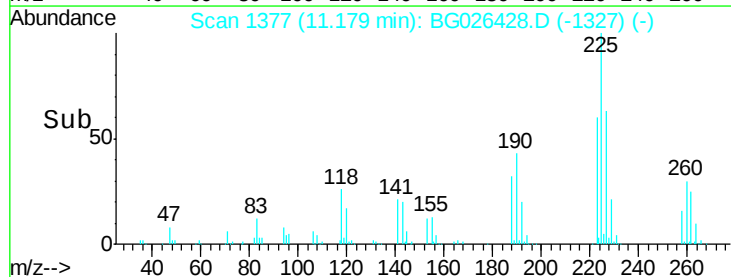
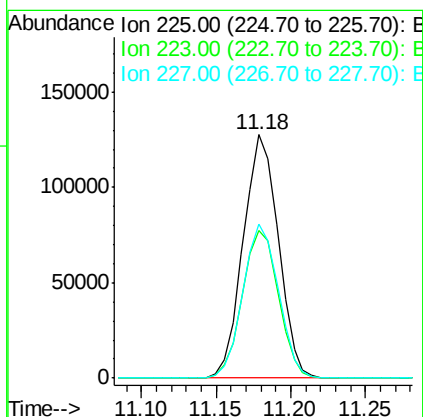
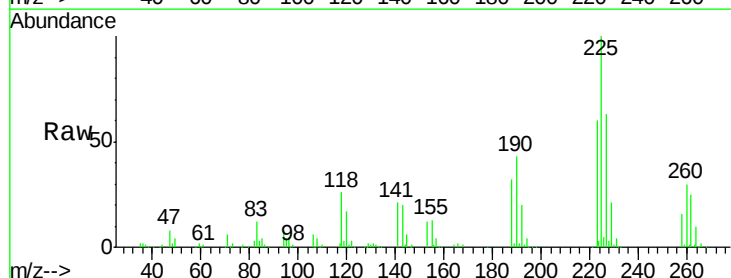
Instrument :
BNA_G
ClientSampleId :
B-4MSD

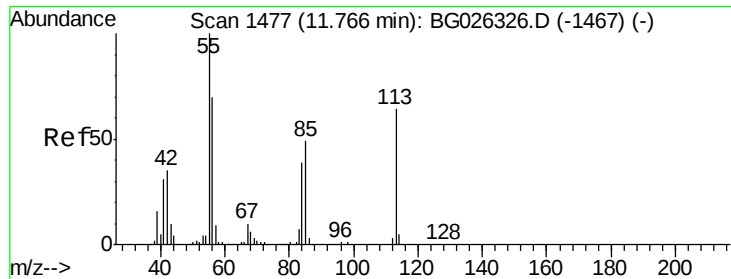
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	23.6	35.4
65	24.4	37.7	56.5#
92	16.3	17.6	26.4#



#34
Hexachlorobutadiene
Concen: 39.80 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.7	76.1
227	63.4	49.0	73.6





#35

Caprolactam

Concen: 40.65 ng/ml

RT: 11.75 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleID :

B-4MSD

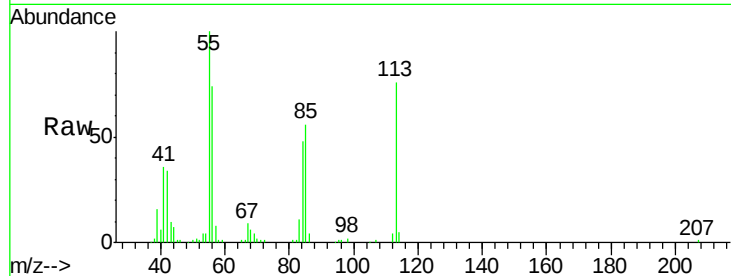
Tot Ion:113 Resp: 126424

Ion Ratio Lower Upper

113 100

55 130.9 198.6 238.6#

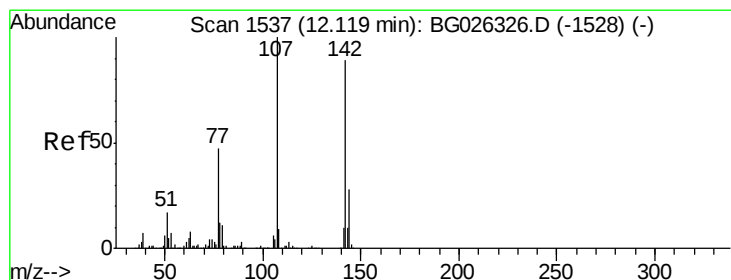
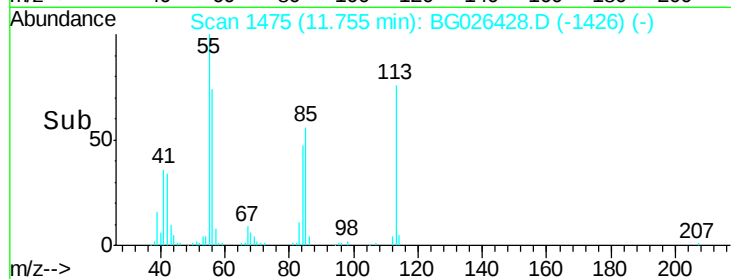
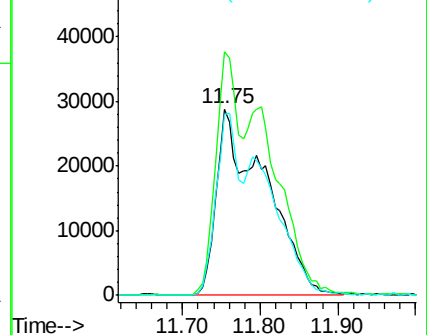
56 97.2 140.4 180.4#



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: 45.30 ng/ml

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

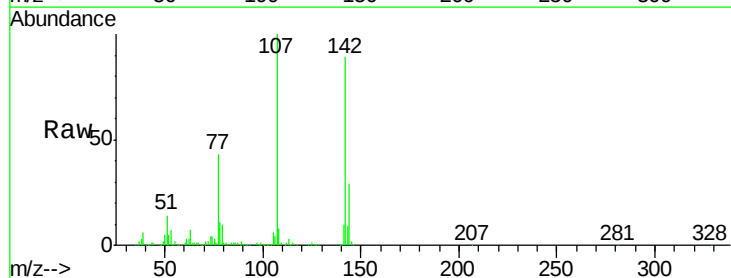
Tgt Ion:107 Resp: 382426

Ion Ratio Lower Upper

107 100

144 29.3 17.4 26.0#

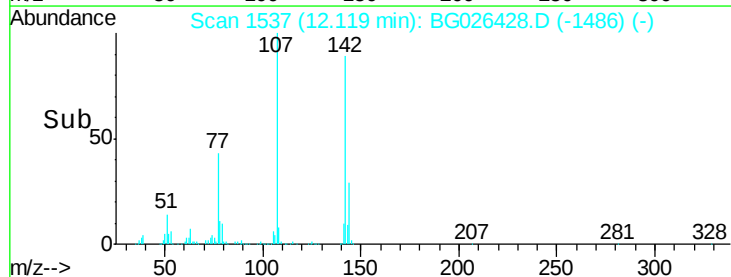
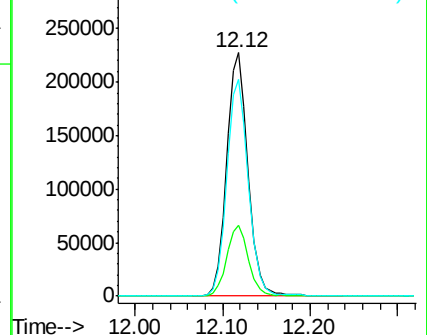
142 89.2 54.1 81.1#

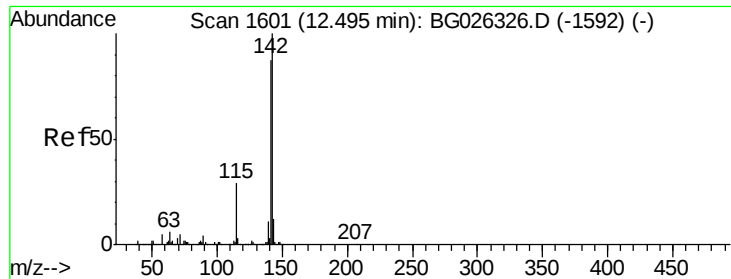


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

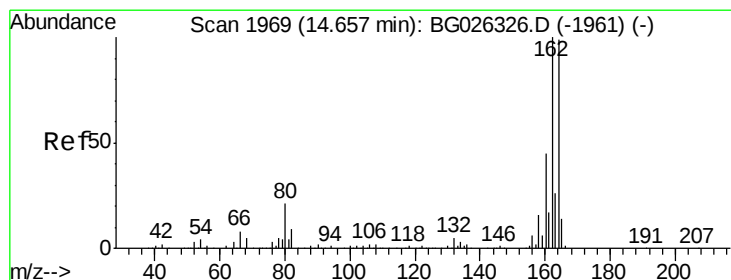
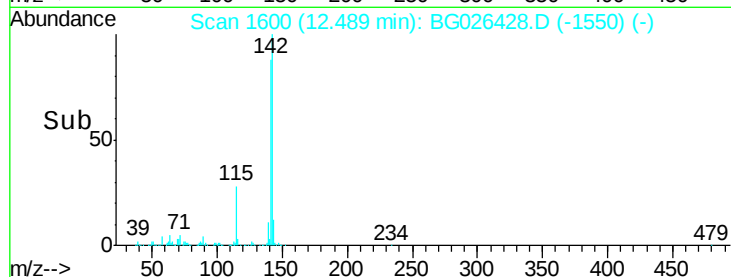
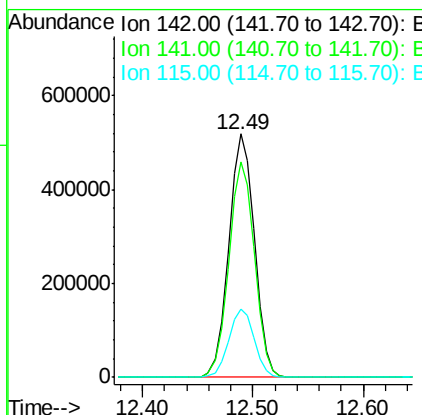
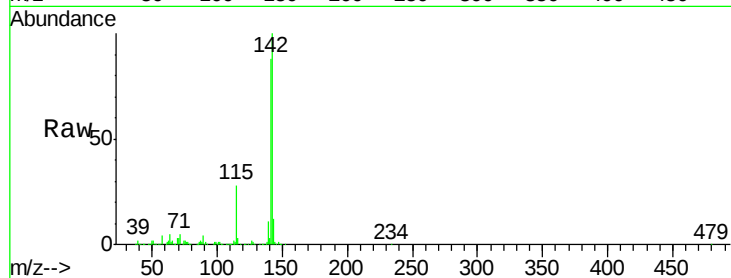




#37
2-Methylnaphthalene
Concen: 40.99 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

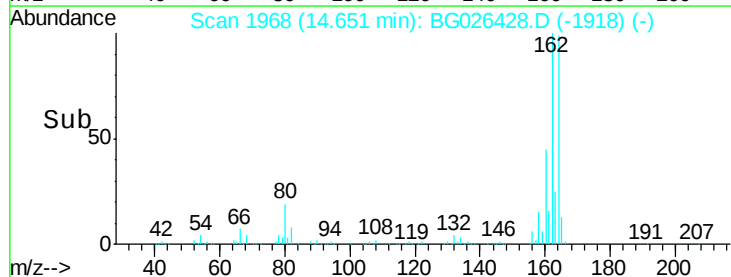
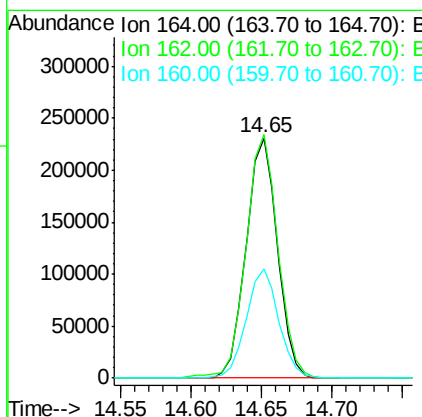
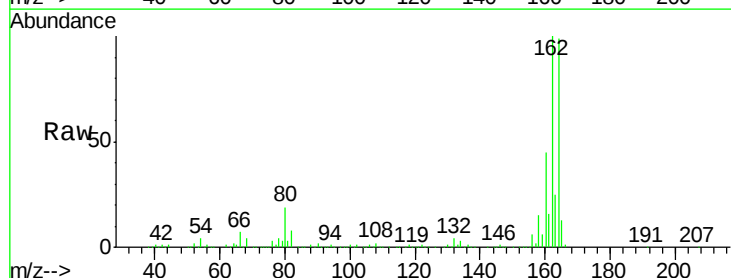
Instrument :
BNA_G
ClientSampleId :
B-4MSD

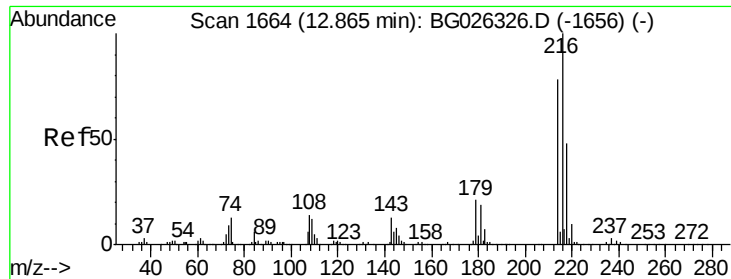
Tot Ion:142 Resp: 844631
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6
115 28.2 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion:164 Resp: 359077
Ion Ratio Lower Upper
164 100
162 101.3 85.1 127.7
160 45.4 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.88 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

Tot Ion:216 Resp: 409276

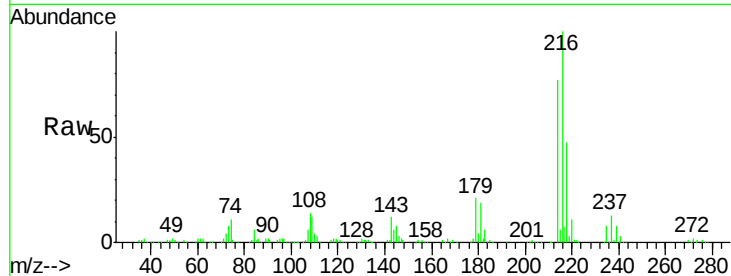
Ion Ratio Lower Upper

216 100

214 78.2 64.4 96.6

179 20.2 17.4 26.0

108 16.4 15.6 23.4

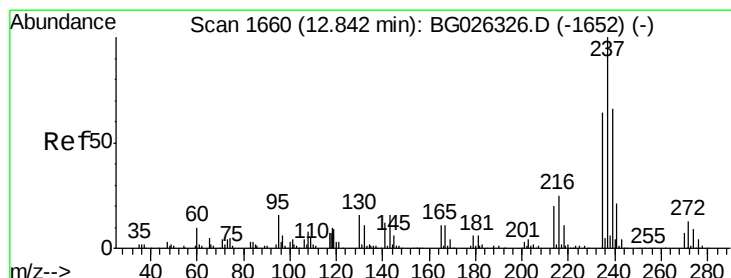
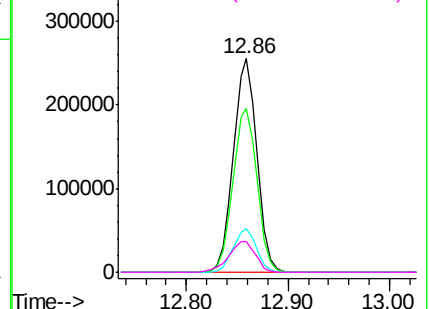
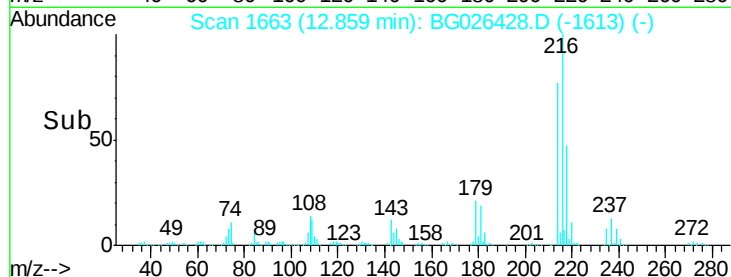


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.59 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

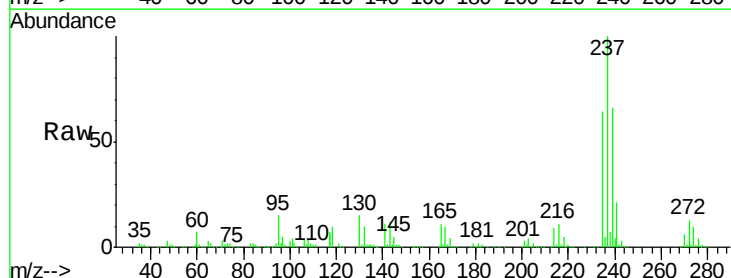
Tgt Ion:237 Resp: 429870

Ion Ratio Lower Upper

237 100

235 64.4 39.4 79.4

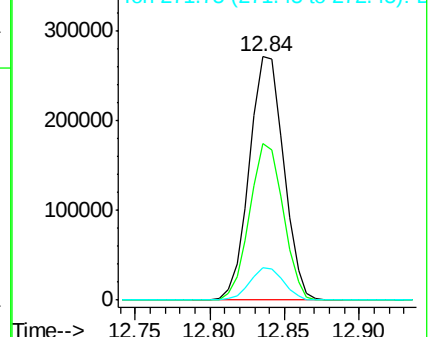
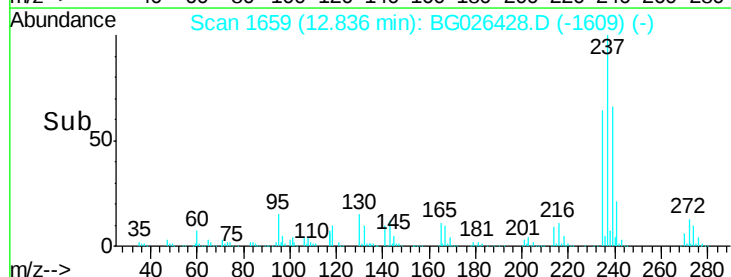
272 13.4 0.0 32.0

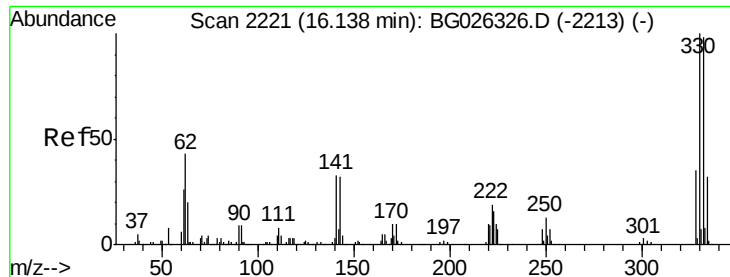


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

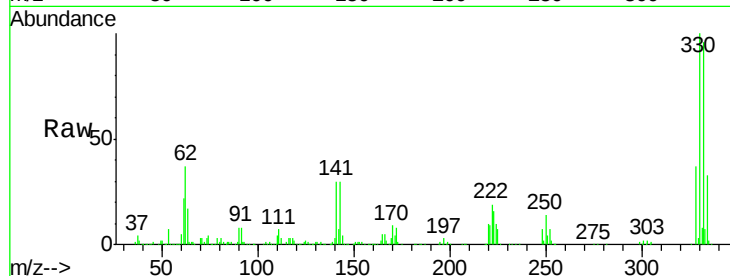




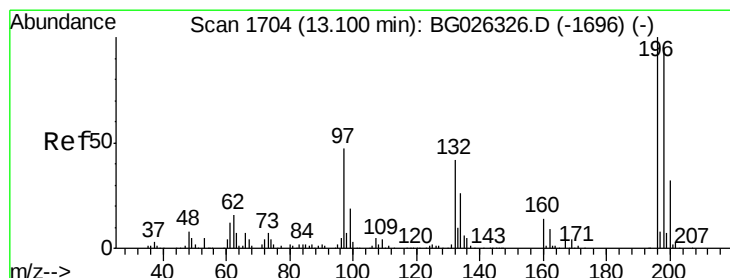
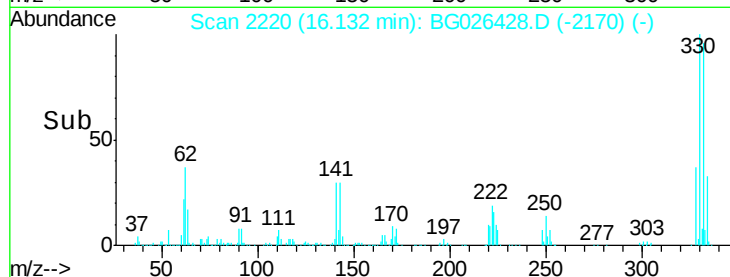
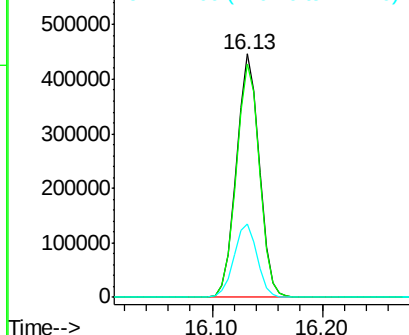
#41
 2,4,6-Tribromophenol
 Concen: 158.46 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

Instrument :
 BNA_G
 ClientSampleId :
 B-4MSD

Tot Ion:330 Resp: 651579
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 30.8 32.1 48.1#

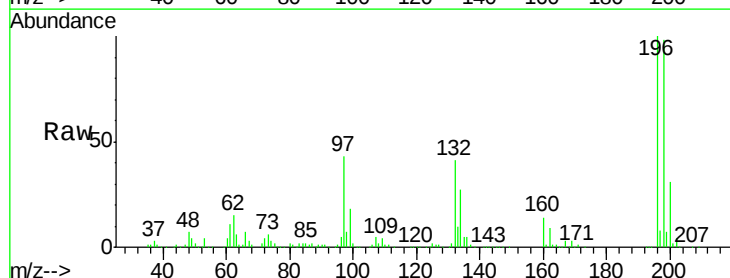


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

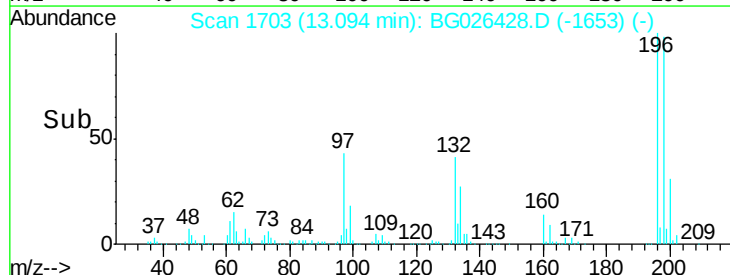
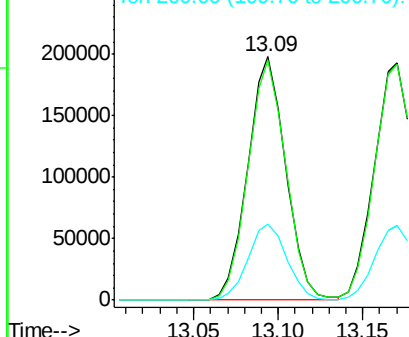


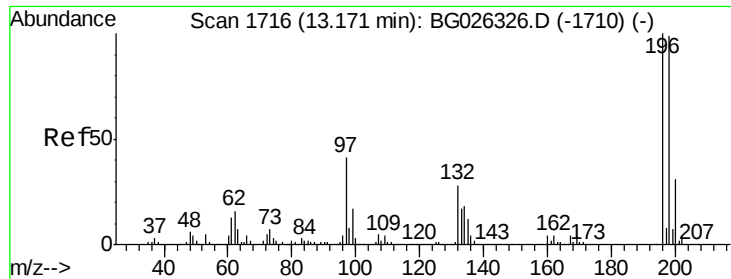
#42
 2,4,6-Trichlorophenol
 Concen: 43.81 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

Tgt Ion:196 Resp: 309880
 Ion Ratio Lower Upper
 196 100
 198 98.4 81.4 122.2
 200 31.3 27.0 40.6



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

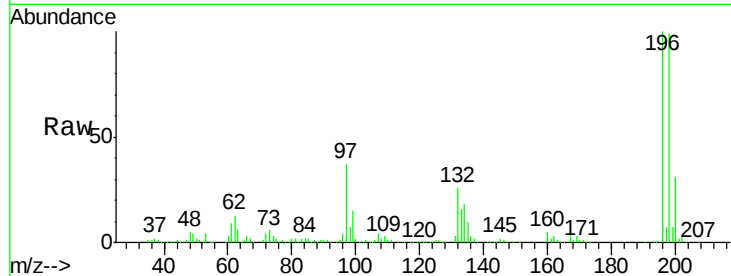




#43
 2,4,5-Trichlorophenol
 Concen: 41.64 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

Instrument :
 BNA_G
 ClientSampleId :
 B-4MSD

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	99.4	79.9	119.9	
97	37.1	45.4	68.0	
132	26.3	20.7	31.1	



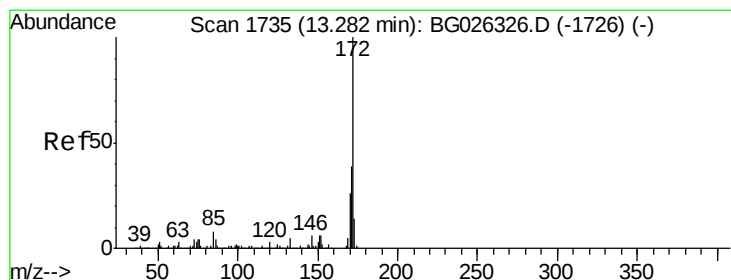
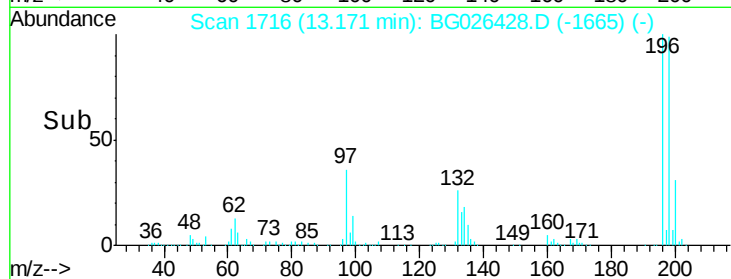
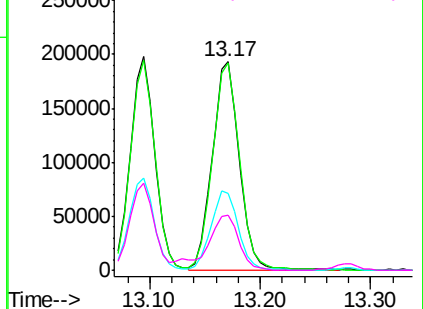
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

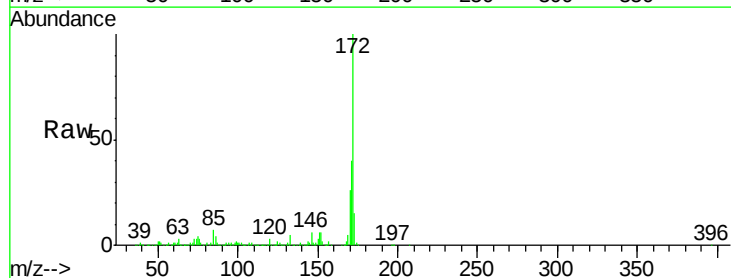
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.02 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	39.6	32.2	48.2	
170	26.0	21.8	32.6	

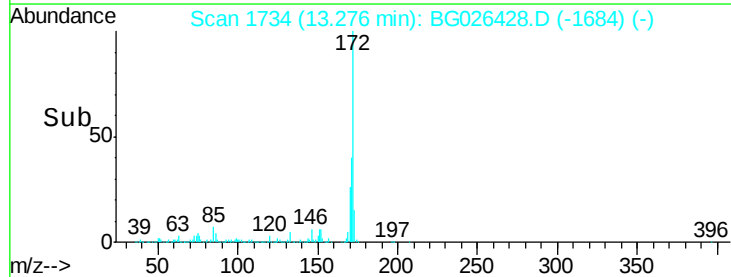
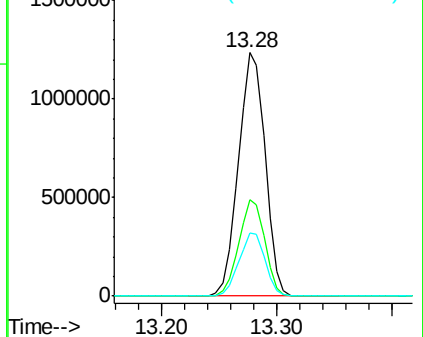


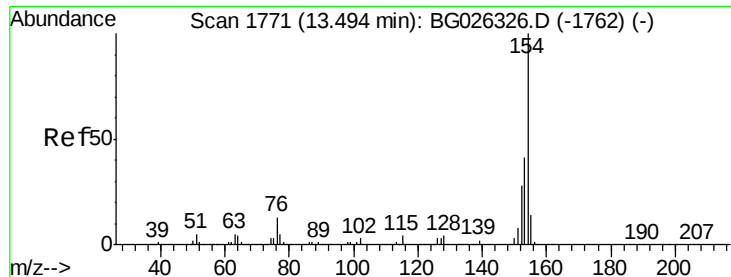
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



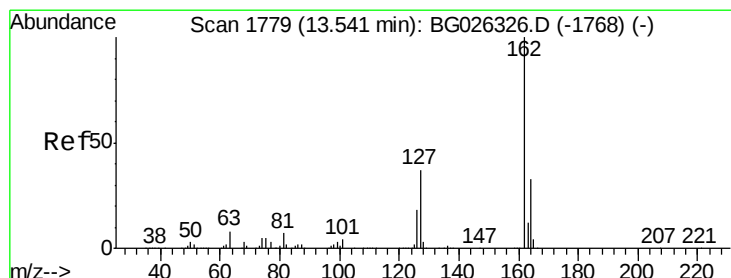
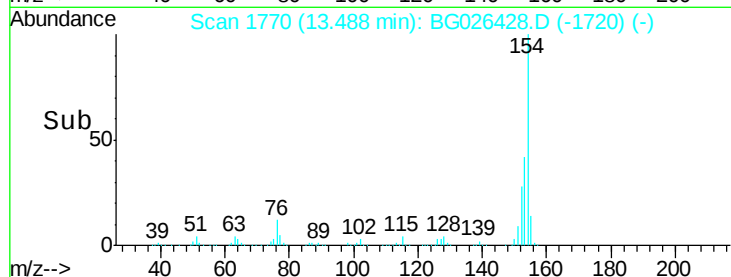
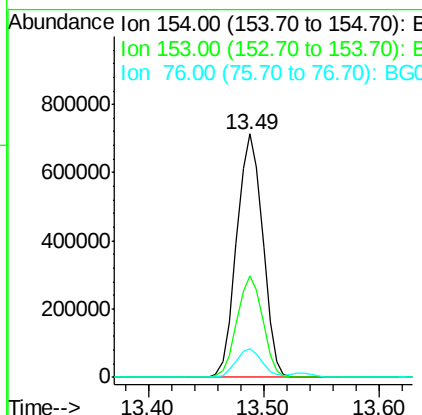
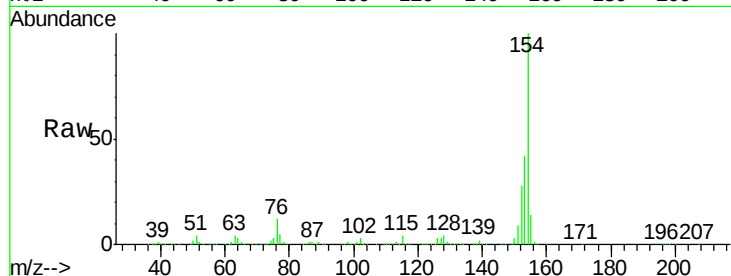


#45
 1,1'-Biphenyl
 Concen: 37.47 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

Instrument :
 BNA_G
 ClientSampleId :
 B-4MSD

Tot Ion:154 Resp: 1114314

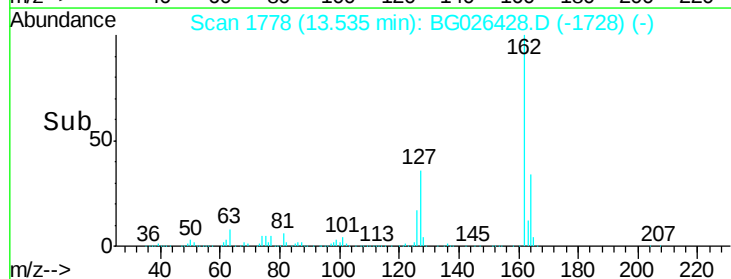
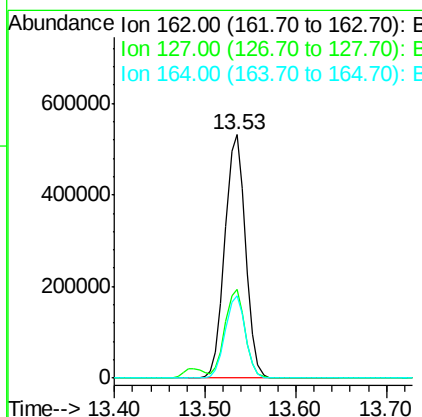
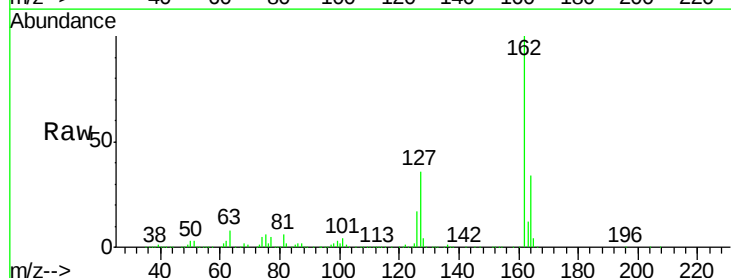
Ion	Ratio	Lower	Upper
154	100		
153	41.5	23.0	63.0
76	11.5	0.0	33.5

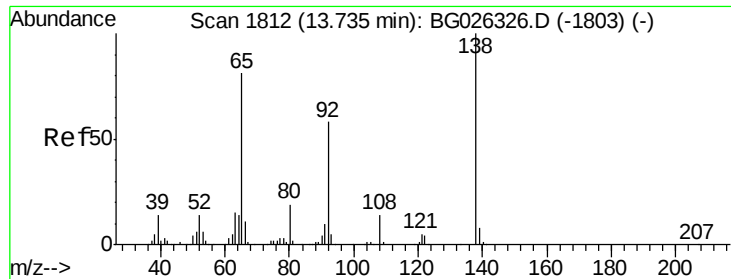


#46
 2-Chloronaphthalene
 Concen: 38.55 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

Tgt Ion:162 Resp: 837283

Ion	Ratio	Lower	Upper
162	100		
127	36.2	32.2	48.4
164	33.7	27.3	40.9

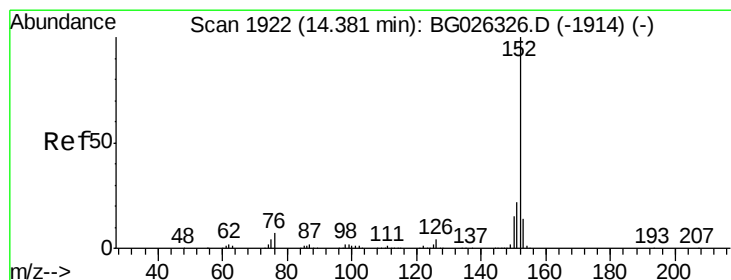
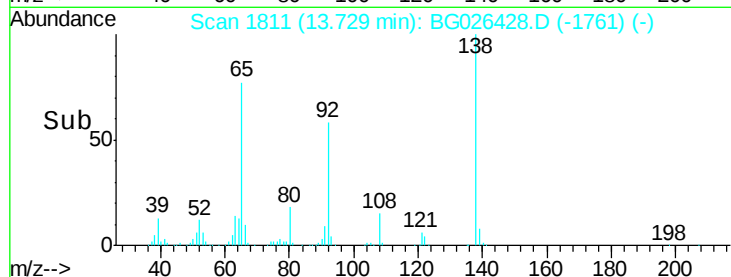
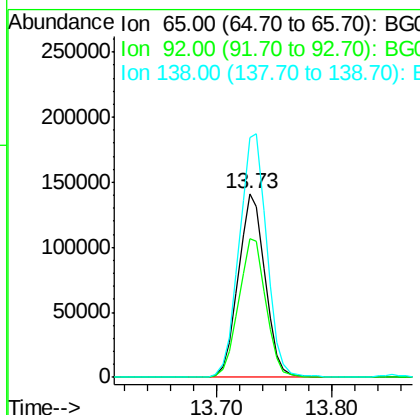
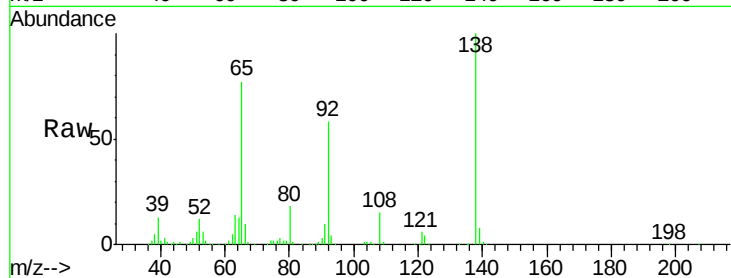




#47
2-Nitroaniline
Concen: 36.76 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

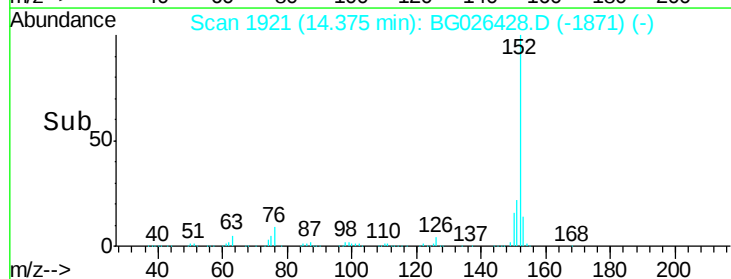
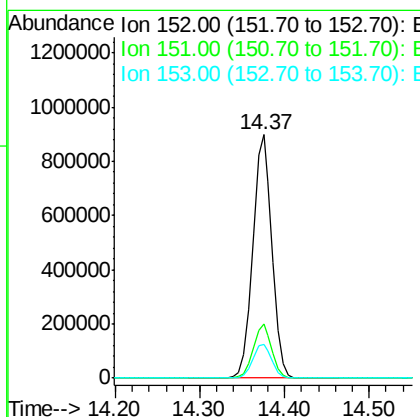
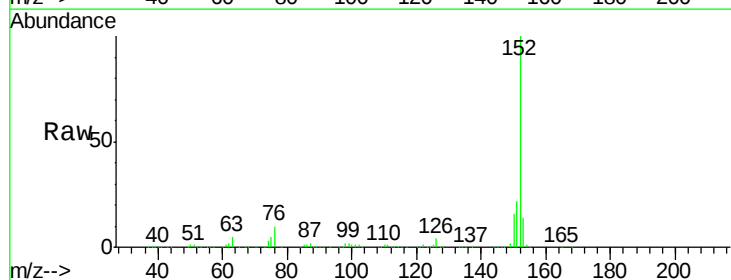
Instrument :
BNA_G
ClientSampleId :
B-4MSD

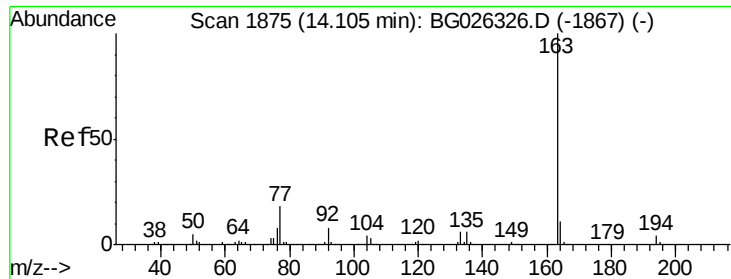
Tot Ion: 65 Resp: 227077
Ion Ratio Lower Upper
65 100
92 75.6 49.0 73.4#
138 130.1 58.6 87.8#



#48
Acenaphthylene
Concen: 37.59 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion: 152 Resp: 1423226
Ion Ratio Lower Upper
152 100
151 22.2 18.2 27.2
153 13.9 11.3 16.9





#49

Dimethylphthalate

Concen: 47.19 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

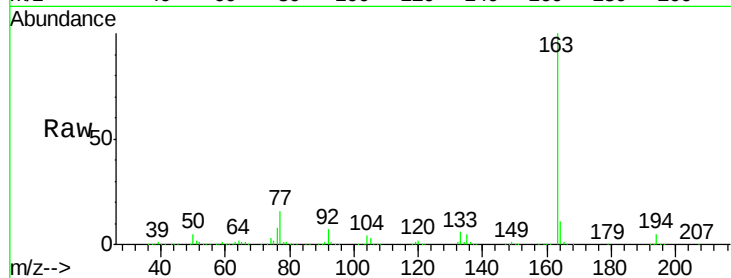
Tot Ion:163 Resp: 1279031

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.6

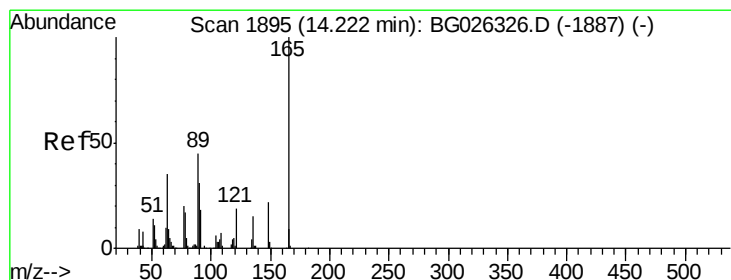
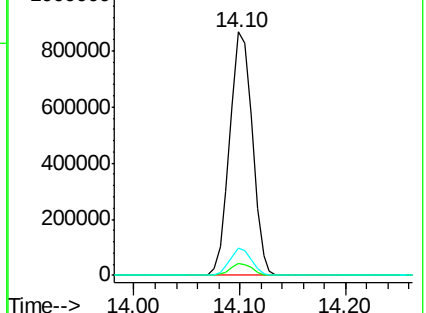
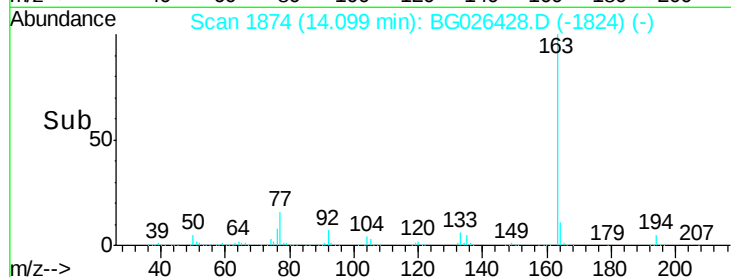
164 11.1 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.85 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

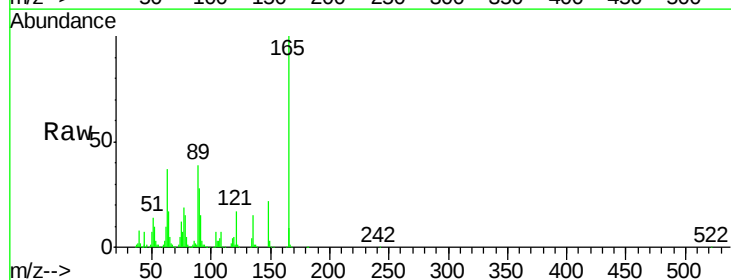
Tgt Ion:165 Resp: 271028

Ion Ratio Lower Upper

165 100

63 36.8 63.9 95.9#

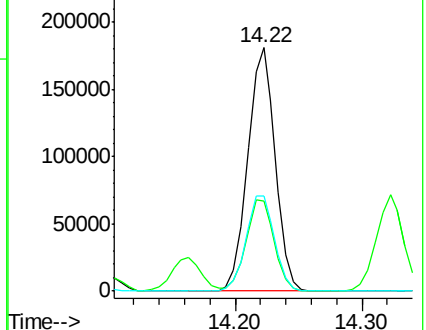
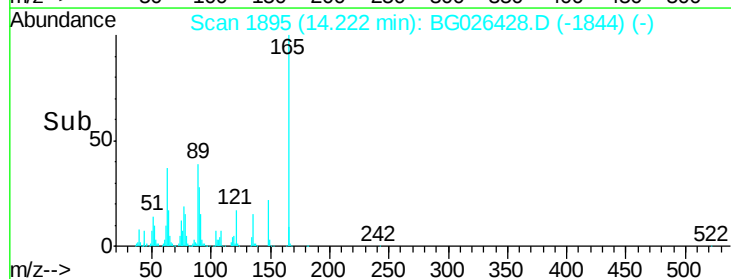
89 39.2 58.6 88.0#

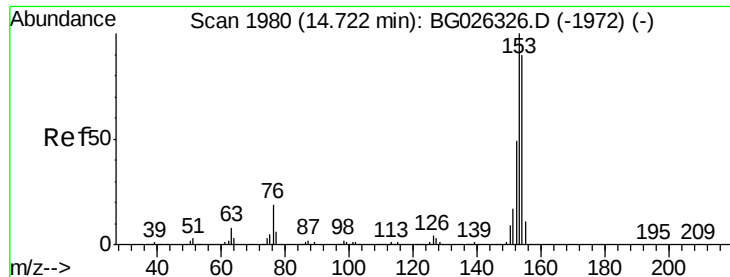


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.21 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

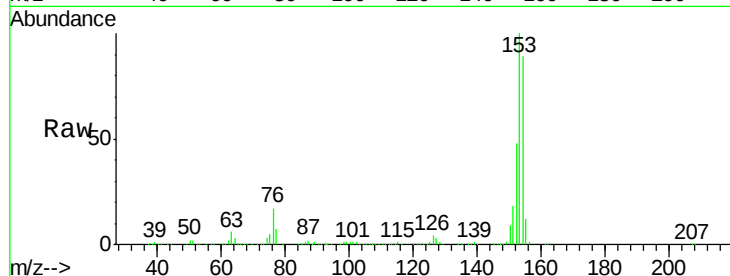
Tot Ion:154 Resp: 890845

Ion Ratio Lower Upper

154 100

153 112.5 87.8 131.6

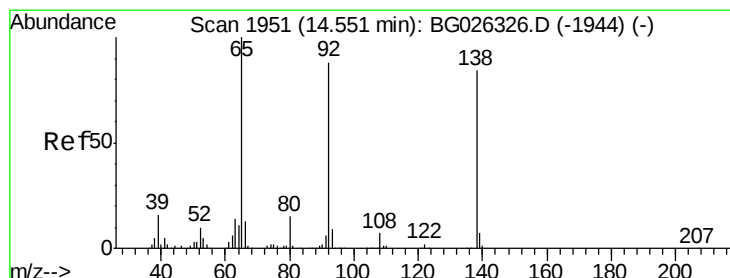
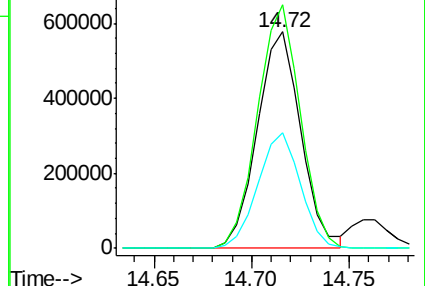
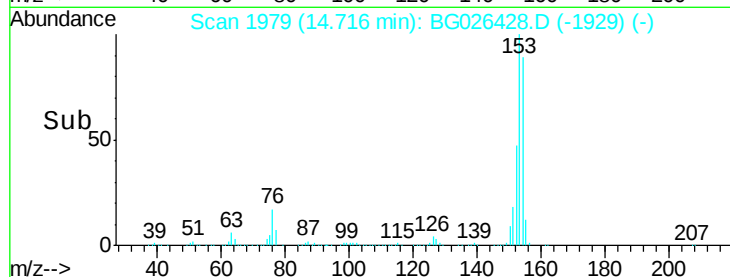
152 53.5 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.79 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

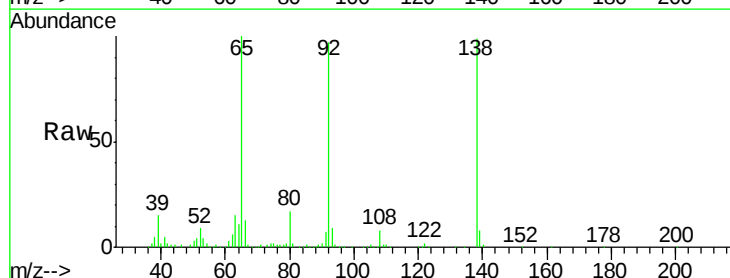
Tgt Ion:138 Resp: 207493

Ion Ratio Lower Upper

138 100

108 8.5 10.9 16.3#

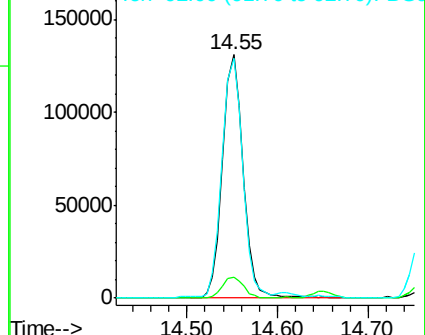
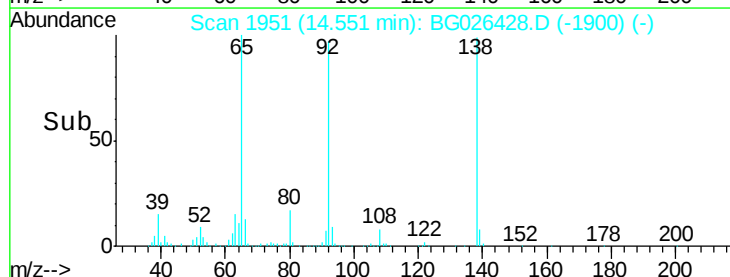
92 98.5 115.3 172.9#

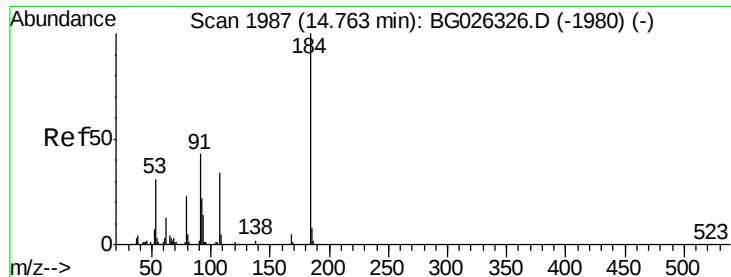


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

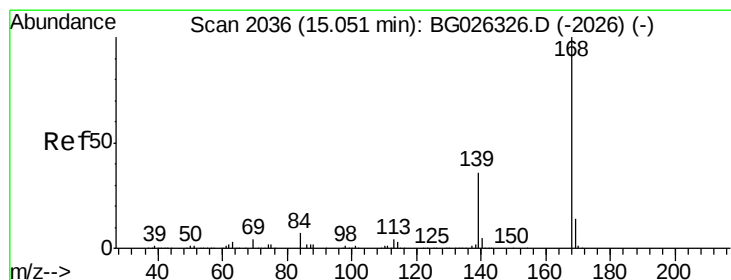
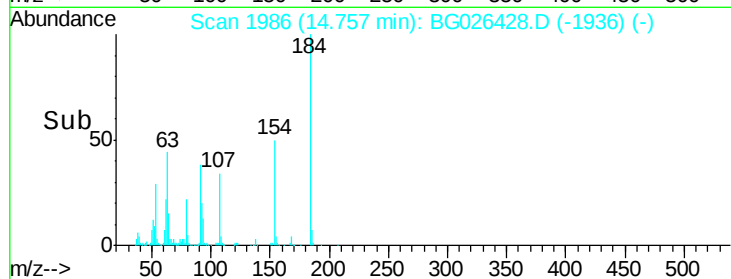
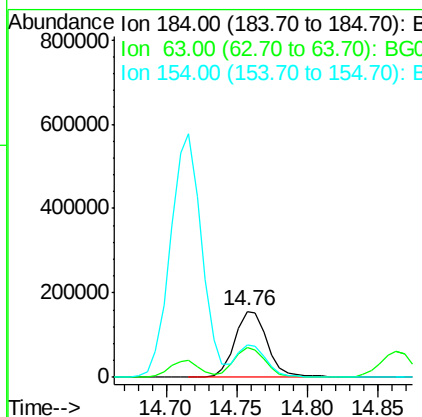
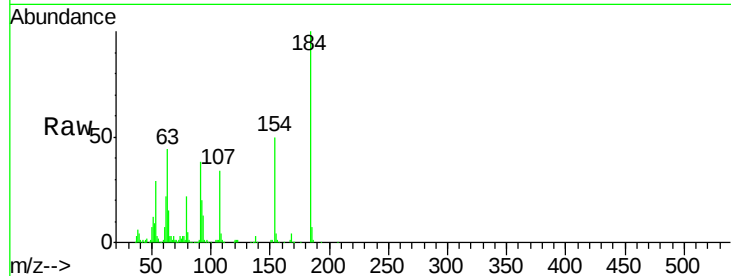




#53
2,4-Dinitrophenol
Concen: 69.07 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

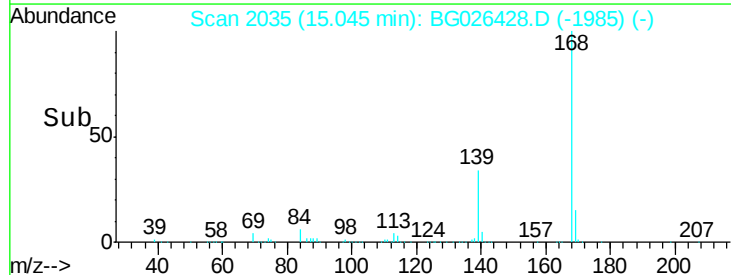
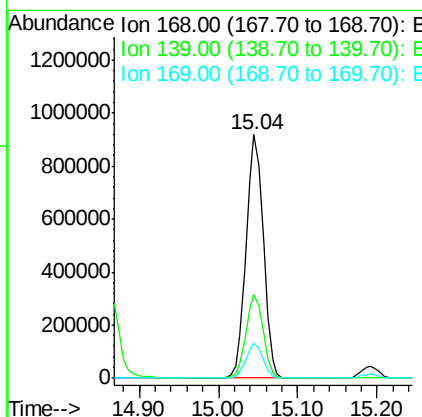
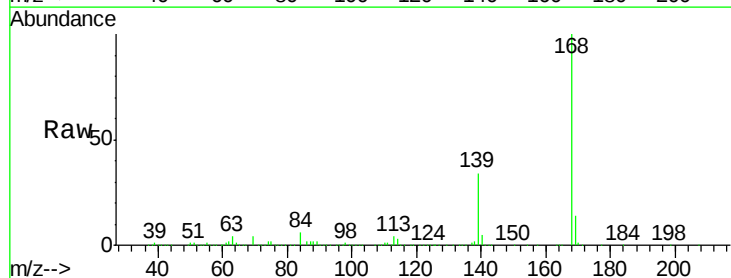
Instrument :
BNA_G
ClientSampleId :
B-4MSD

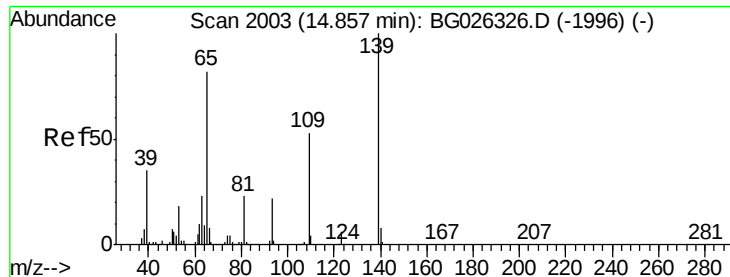
Tot Ion:184 Resp: 253456
Ion Ratio Lower Upper
184 100
63 44.3 52.7 79.1#
154 49.5 57.3 85.9#



#54
Dibenzofuran
Concen: 42.28 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion:168 Resp: 1388032
Ion Ratio Lower Upper
168 100
139 34.2 35.3 52.9#
169 14.5 11.5 17.3





#55

4-Nitrophenol

Concen: 87.66 ng

RT: 14.86 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

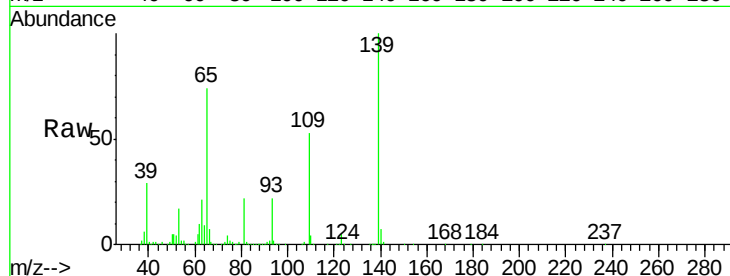
Tot Ion:139 Resp: 499973

Ion Ratio Lower Upper

139 100

109 52.6 101.2 141.2#

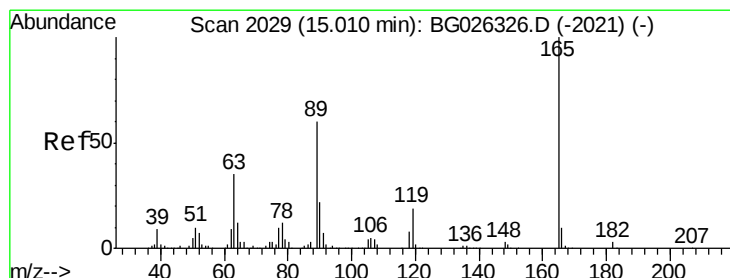
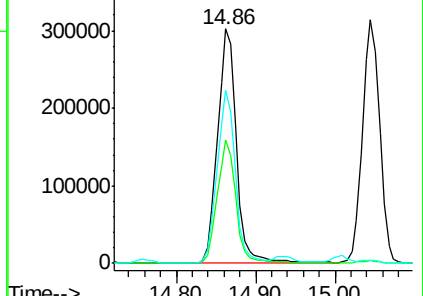
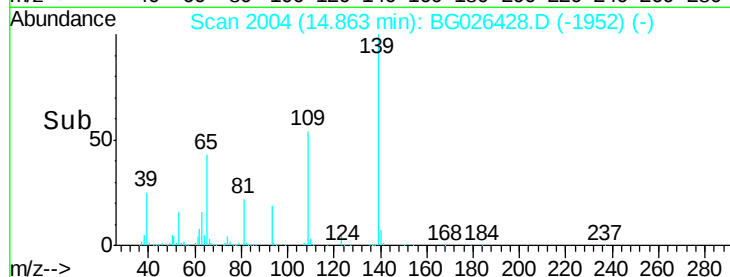
65 73.8 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 44.05 ng

RT: 15.01 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Tgt Ion:165 Resp: 391877

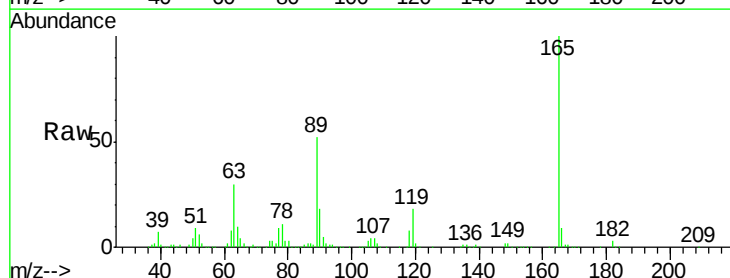
Ion Ratio Lower Upper

165 100

63 29.7 44.0 66.0#

89 51.9 67.3 100.9#

182 3.0 3.8 5.6#

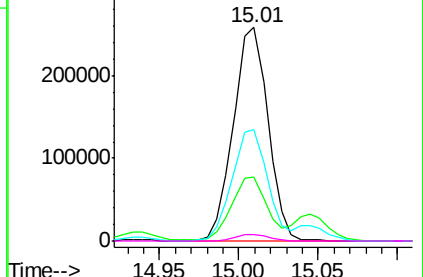
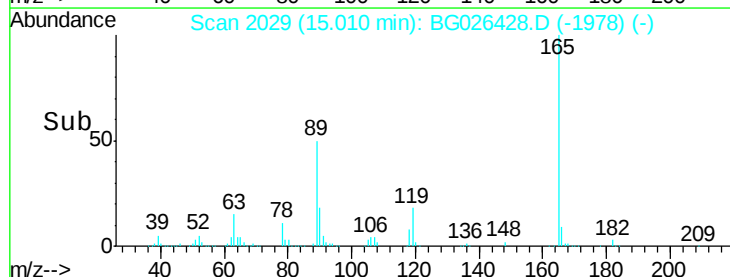


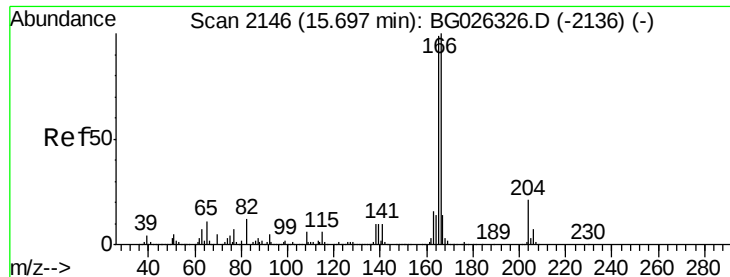
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.53 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

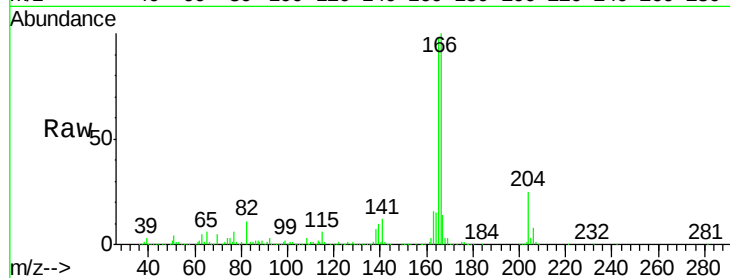
Tot Ion:166 Resp: 1154925

Ion Ratio Lower Upper

166 100

165 98.5 78.6 117.8

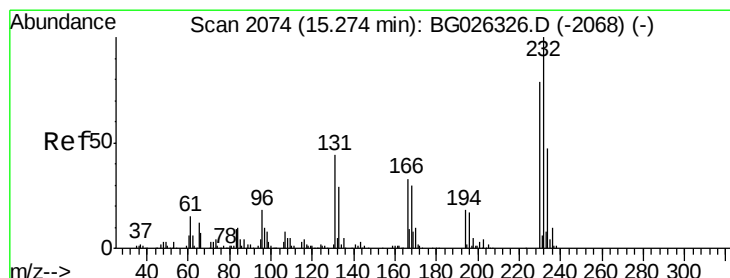
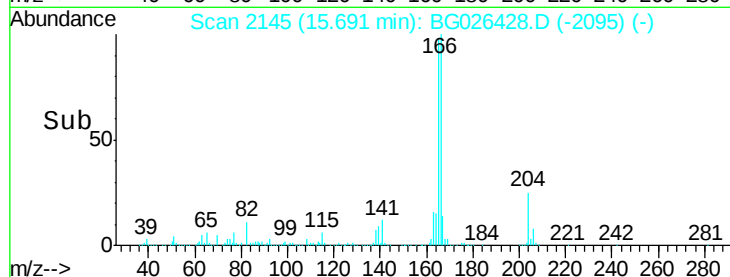
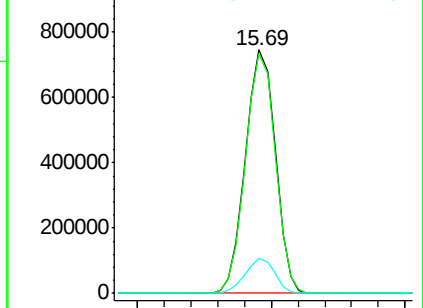
167 14.5 11.6 17.4



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: 47.43 ng

RT: 15.27 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Tgt Ion:232 Resp: 323422

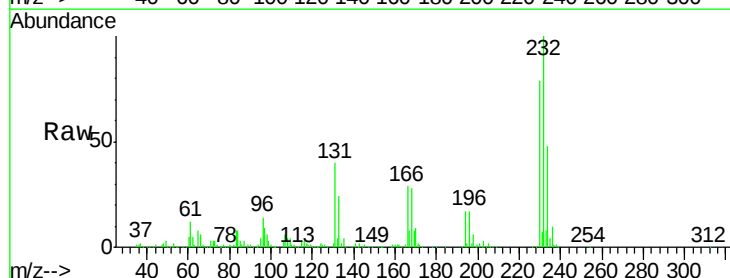
Ion Ratio Lower Upper

232 100

131 39.3 34.9 52.3

130 2.1 2.3 3.5#

166 29.7 24.2 36.4

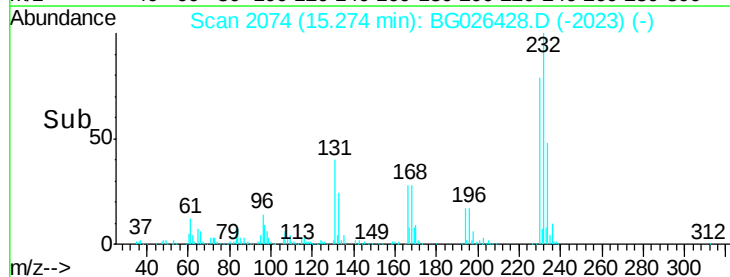
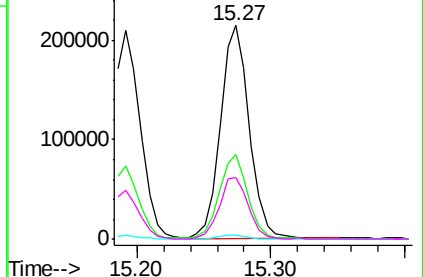


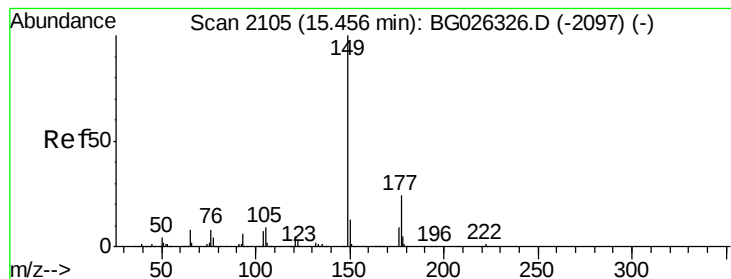
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.50 ng

RT: 15.46 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

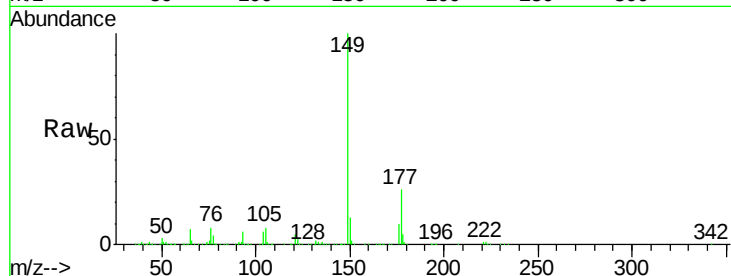
Tot Ion:149 Resp: 1149643

Ion Ratio Lower Upper

149 100

177 25.7 20.1 30.1

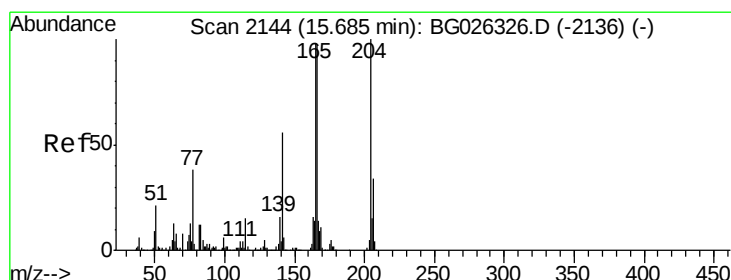
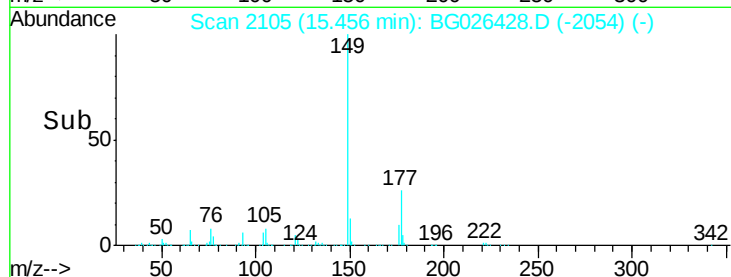
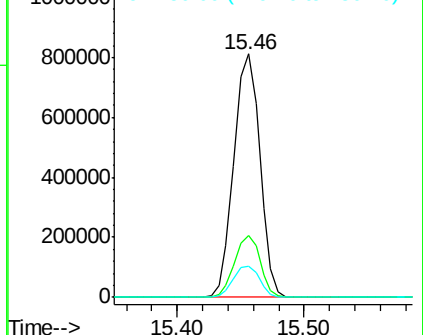
150 13.0 10.2 15.2



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: 41.22 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

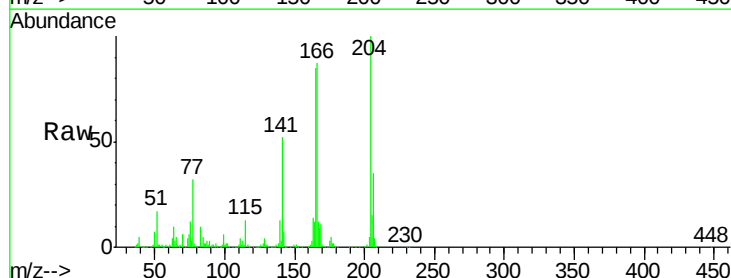
Tgt Ion:204 Resp: 570603

Ion Ratio Lower Upper

204 100

206 34.7 30.1 45.1

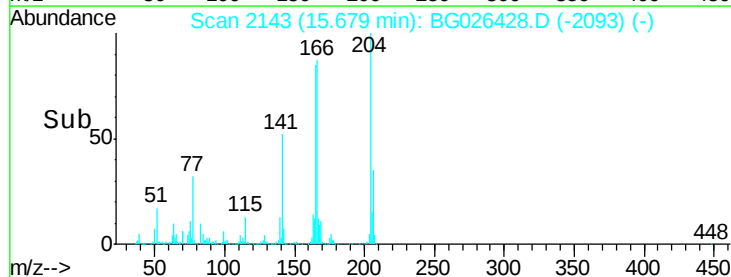
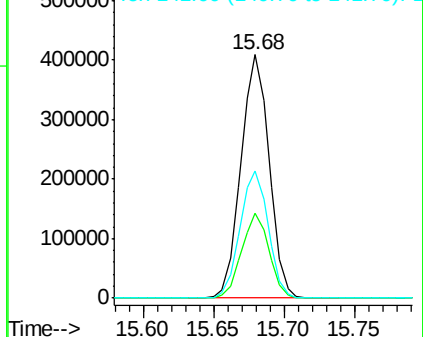
141 52.2 50.6 76.0

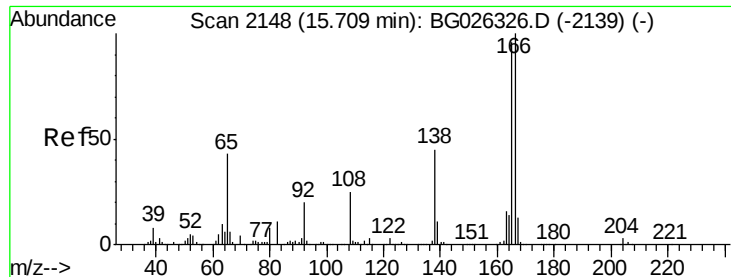


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

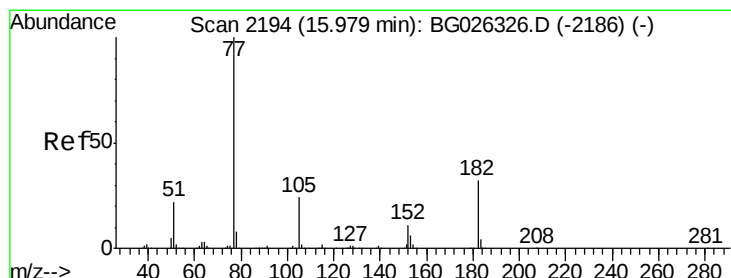
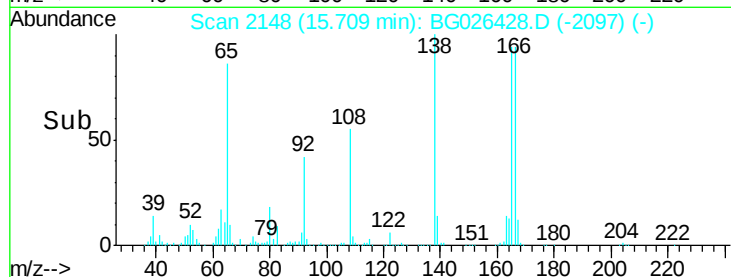
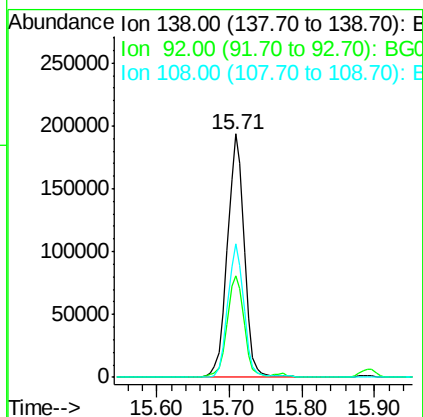
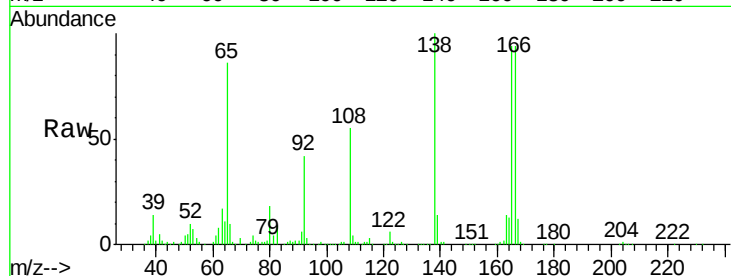




#61
4-Nitroaniline
Concen: 42.81 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

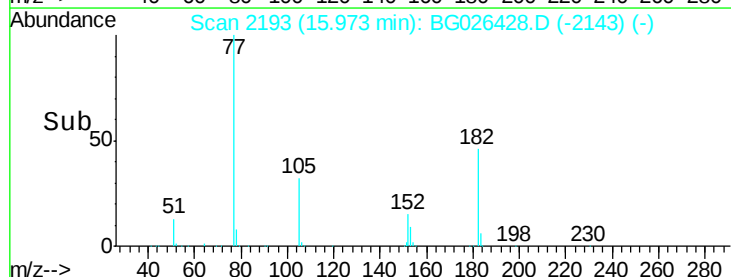
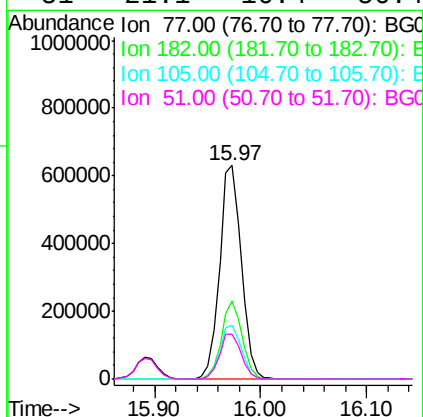
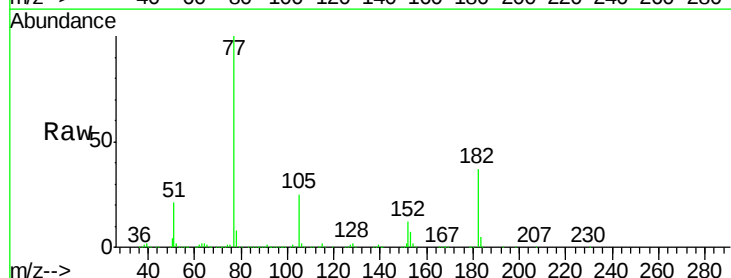
Instrument :
BNA_G
ClientSampleId :
B-4MSD

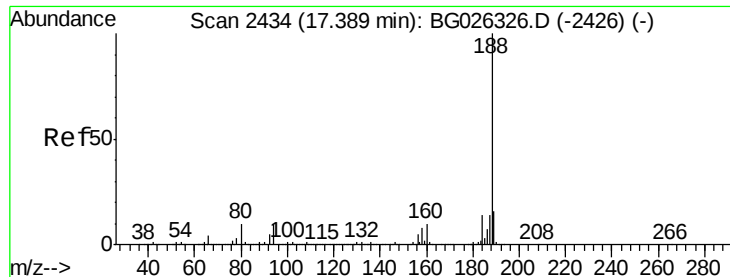
Tot Ion:138 Resp: 315375
Ion Ratio Lower Upper
138 100
92 41.6 44.2 84.2#
108 54.7 104.8 144.8#



#62
Azobenzene
Concen: 40.14 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion: 77 Resp: 904161
Ion Ratio Lower Upper
77 100
182 36.7 4.7 44.7
105 25.1 0.0 36.3
51 21.1 16.4 56.4

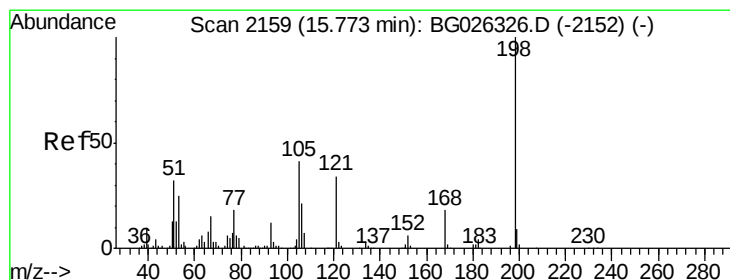
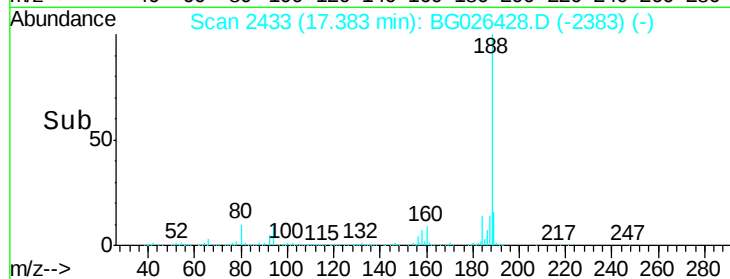
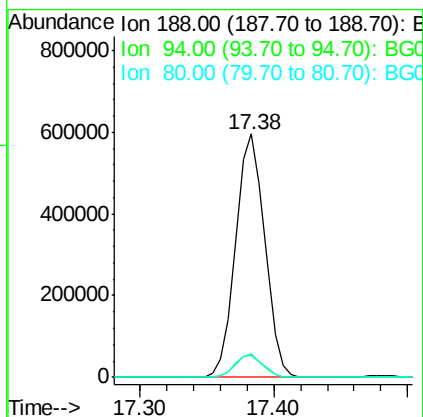
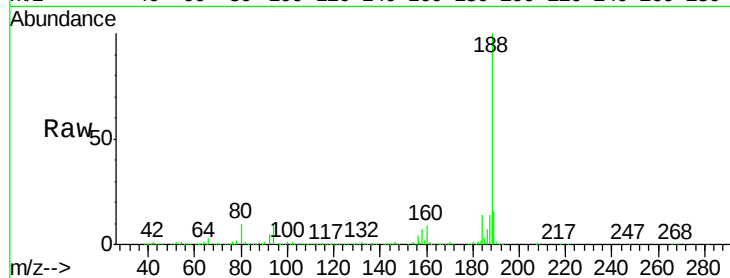




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

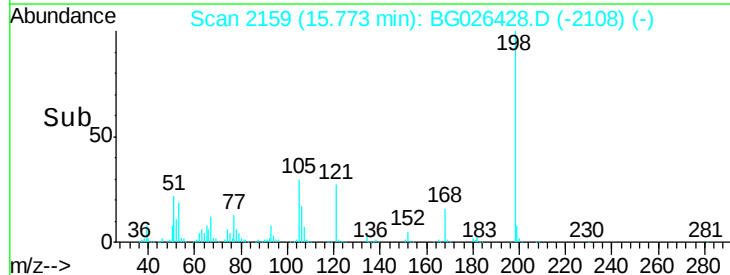
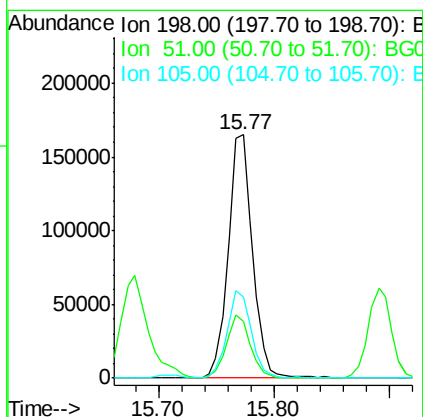
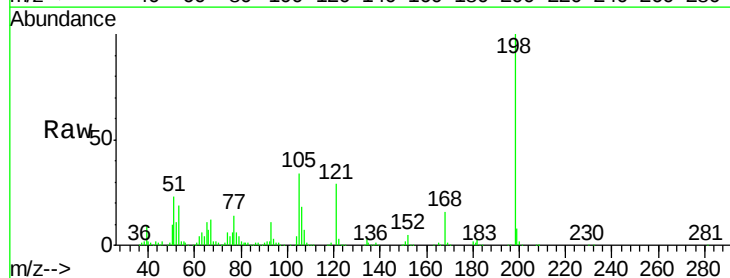
Instrument :
BNA_G
ClientSampleId :
B-4MSD

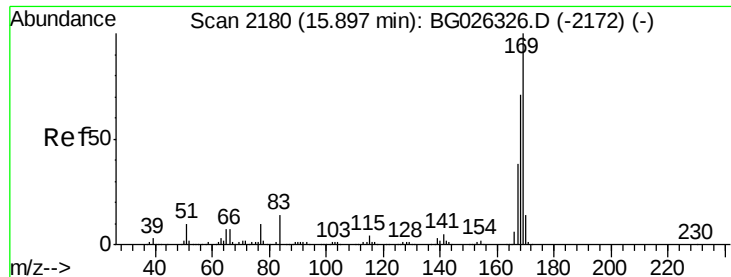
Tot Ion:188 Resp: 902760
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.8#
80 9.8 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 42.28 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion:198 Resp: 240614
Ion Ratio Lower Upper
198 100
51 23.3 22.6 62.6
105 33.5 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 39.65 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

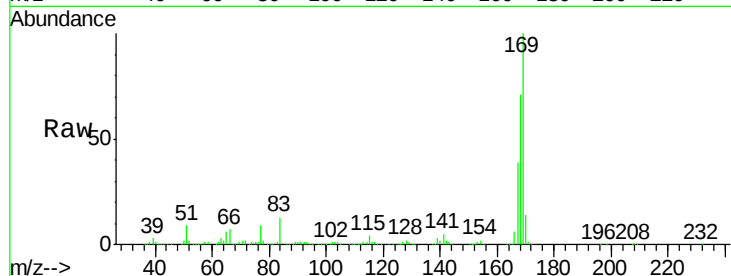
BNA_G

ClientSampleId :

B-4MSD

Tot Ion:169 Resp: 1050438

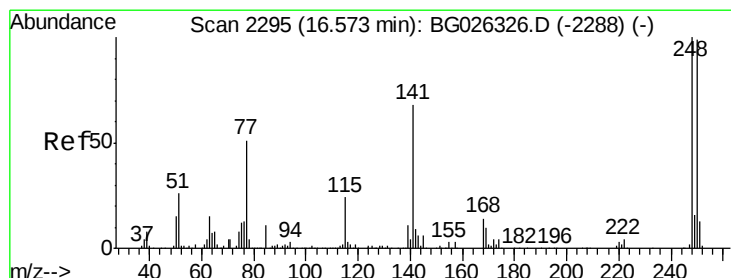
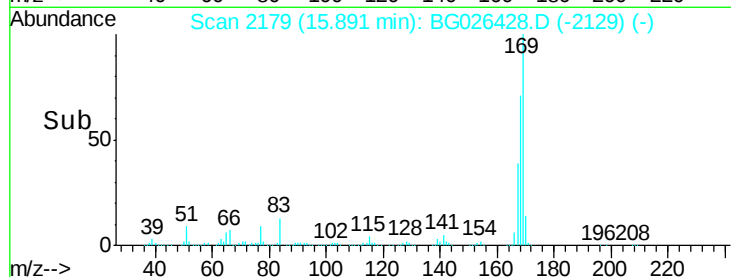
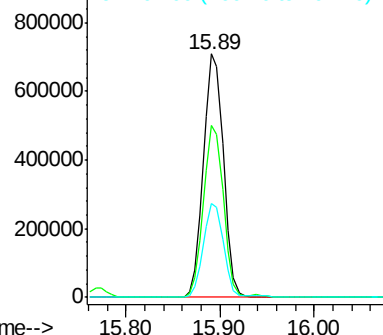
Ion	Ratio	Lower	Upper
169	100		
168	70.8	55.7	83.5
167	38.8	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.68 ng

RT: 16.57 min Scan# 2295

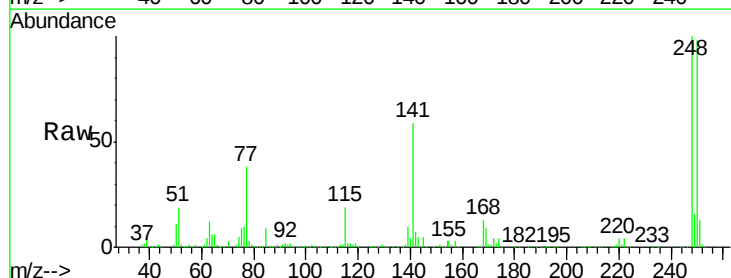
Delta R.T. -0.00 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Tgt Ion:248 Resp: 387264

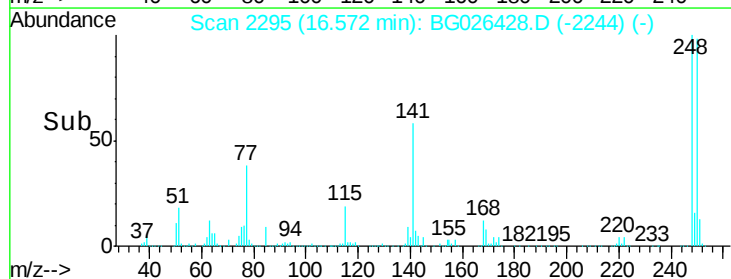
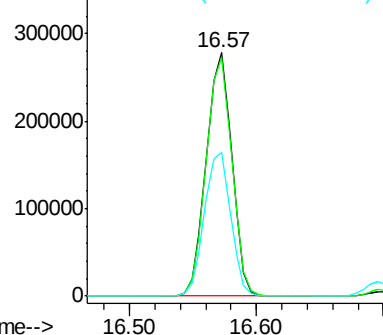
Ion	Ratio	Lower	Upper
248	100		
250	98.1	75.0	112.6
141	58.8	55.2	82.8

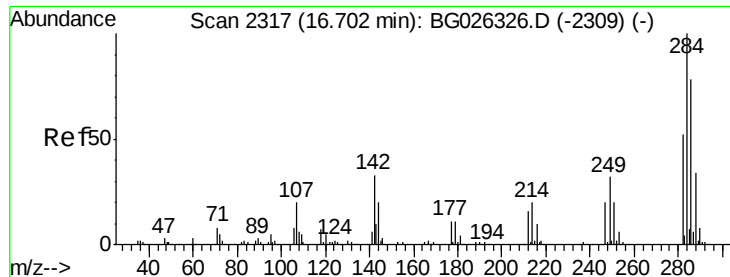


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

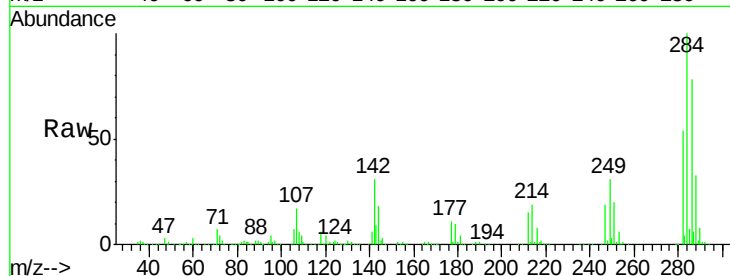




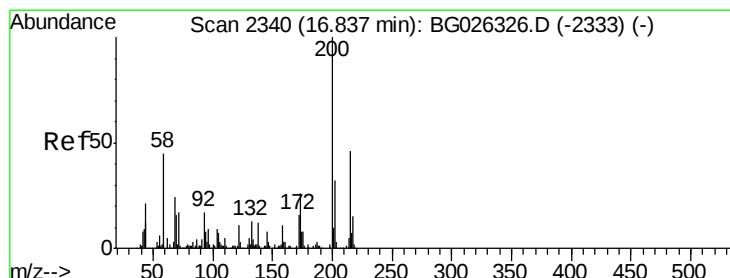
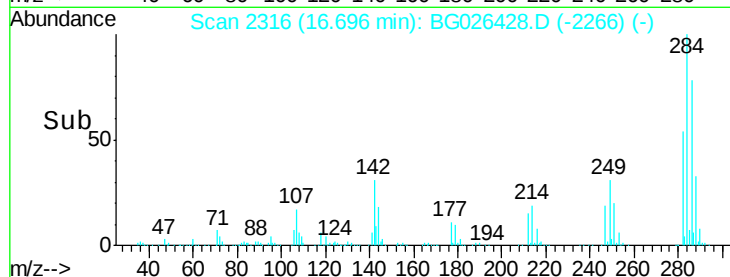
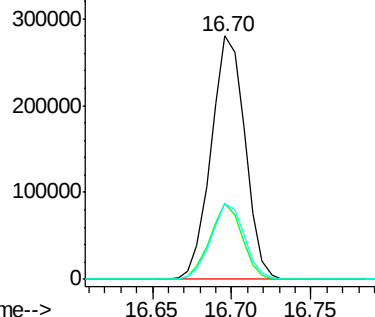
#67
Hexachlorobenzene
Concen: 41.93 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Instrument :
BNA_G
ClientSampleId :
B-4MSD

Tot Ion:284 Resp: 415642
Ion Ratio Lower Upper
284 100
142 31.1 29.9 44.9
249 31.2 29.2 43.8

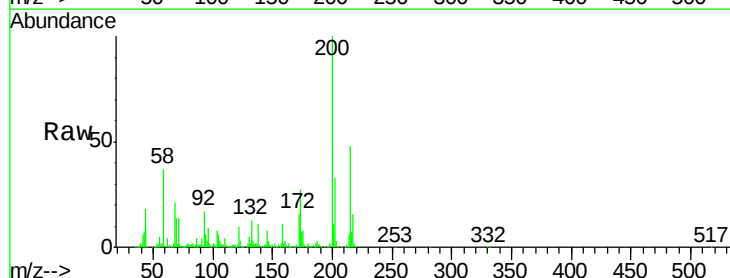


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

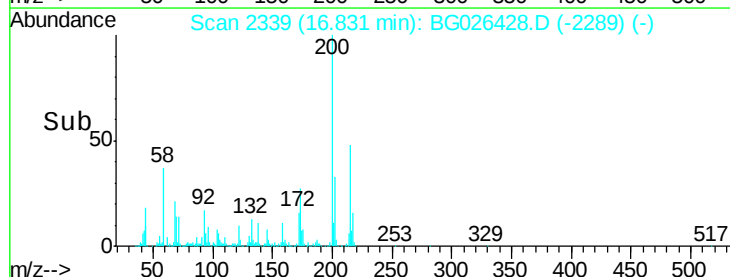
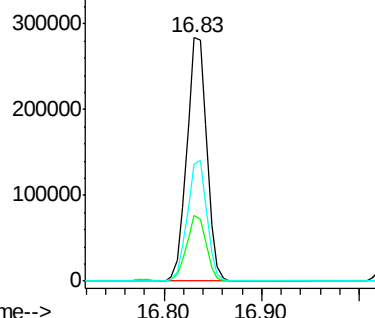


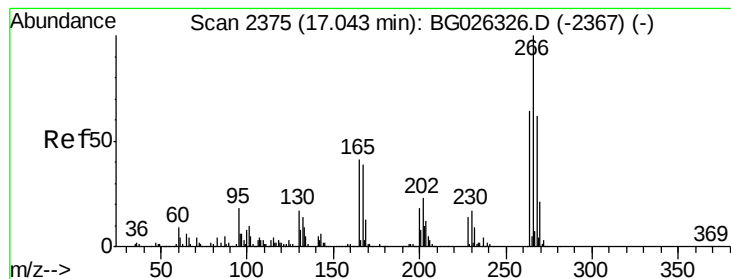
#68
Atrazine
Concen: 40.04 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion:200 Resp: 401641
Ion Ratio Lower Upper
200 100
173 26.9 3.0 43.0
215 48.2 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: 79.73 ng

RT: 17.04 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

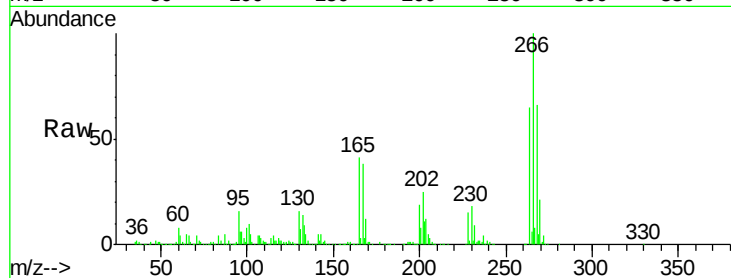
Tot Ion:266 Resp: 513799

Ion Ratio Lower Upper

266 100

268 66.1 48.6 72.8

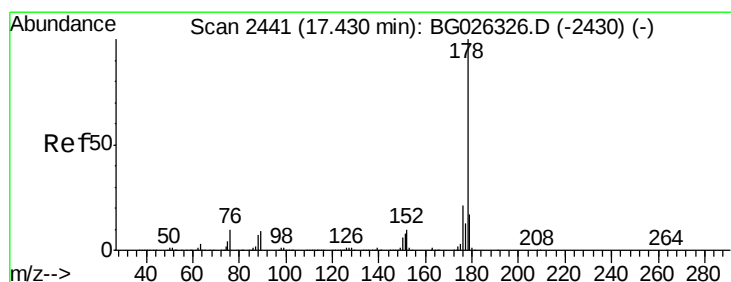
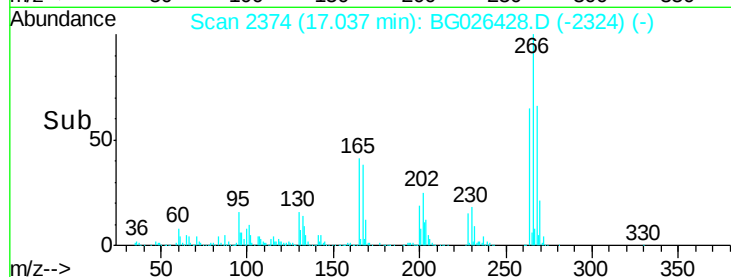
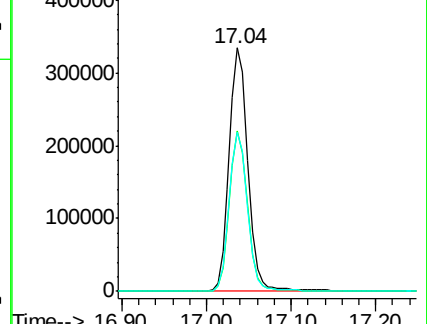
264 65.1 50.1 75.1



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: 37.87 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

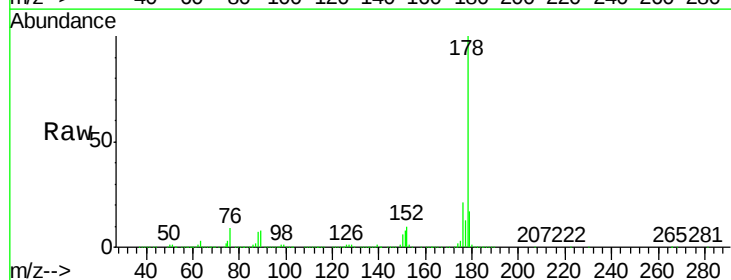
Tgt Ion:178 Resp: 1835820

Ion Ratio Lower Upper

178 100

176 21.3 17.7 26.5

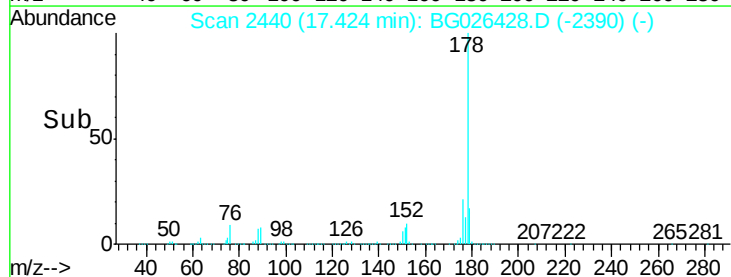
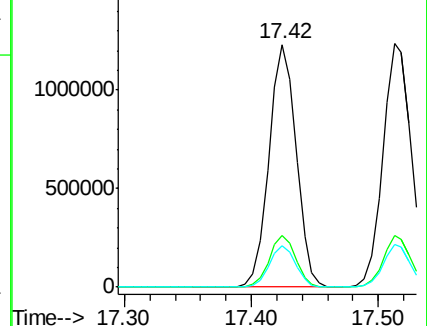
179 17.3 15.0 22.6

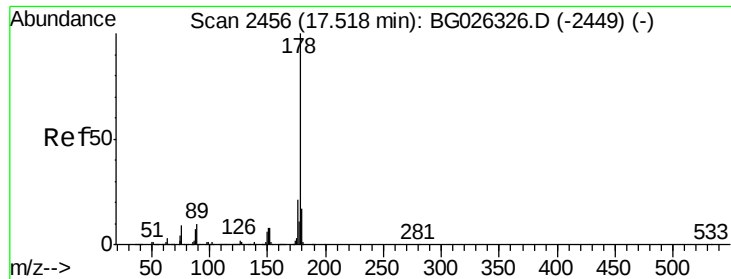


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

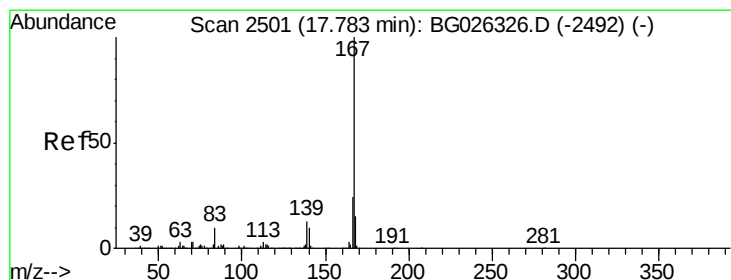
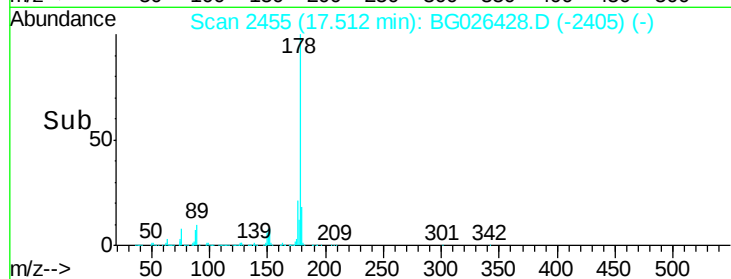
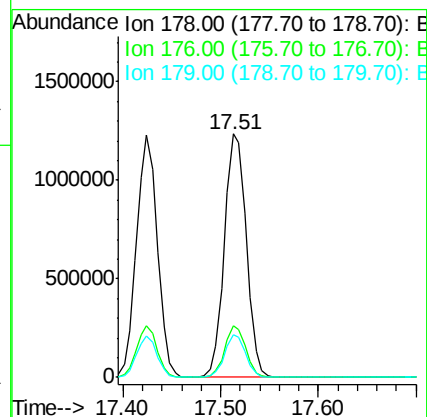
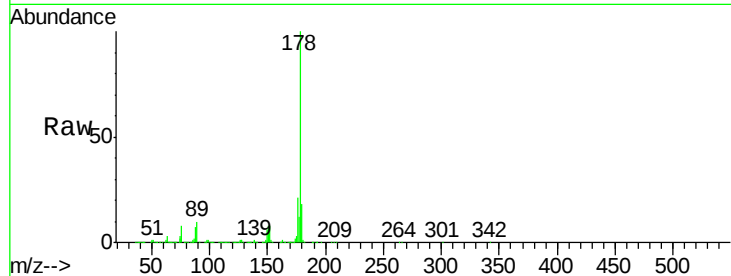




#71
 Anthracene
 Concen: 38.86 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

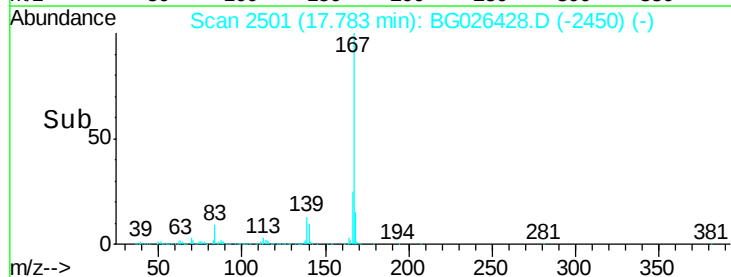
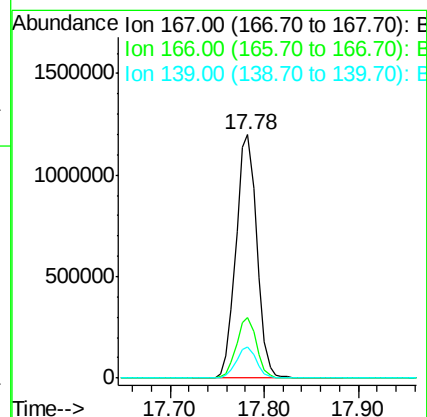
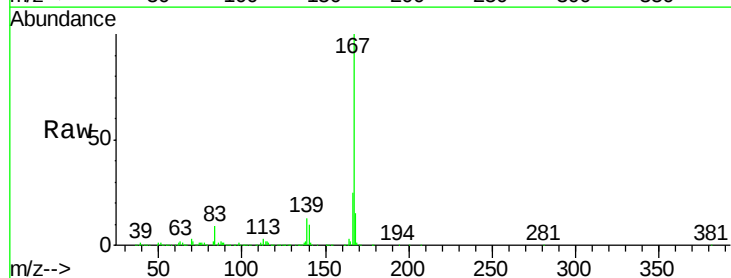
Instrument :
 BNA_G
 ClientSampleId :
 B-4MSD

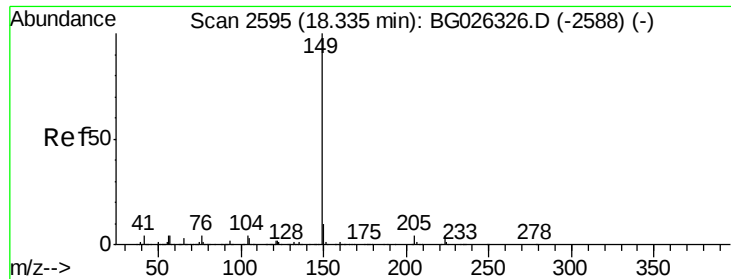
Tot Ion:178 Resp: 1922110
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.4 24.6
 179 17.6 13.8 20.8



#72
 Carbazole
 Concen: 36.30 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

Tgt Ion:167 Resp: 1848501
 Ion Ratio Lower Upper
 167 100
 166 24.7 20.2 30.2
 139 13.0 12.8 19.2

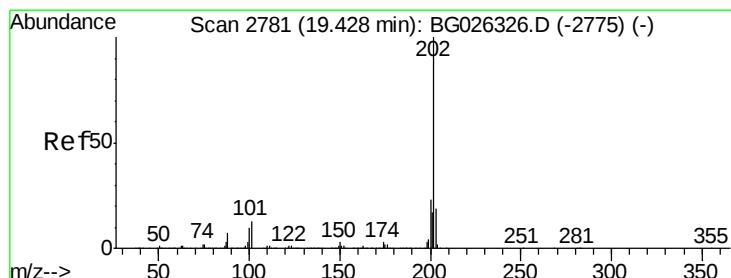
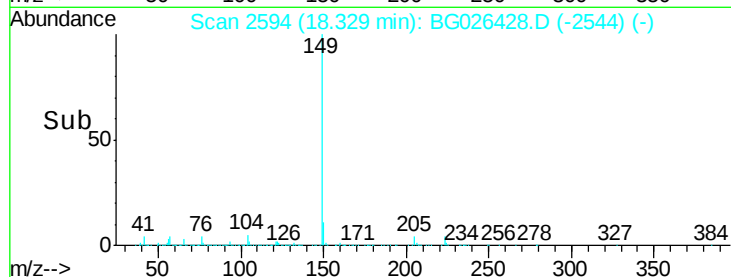
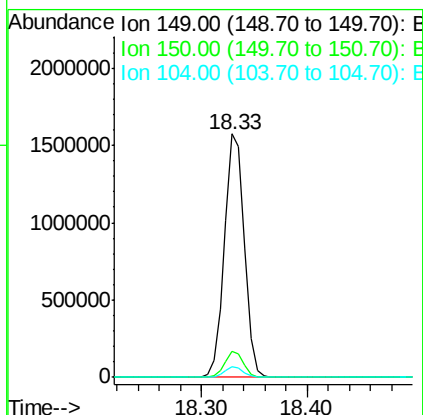
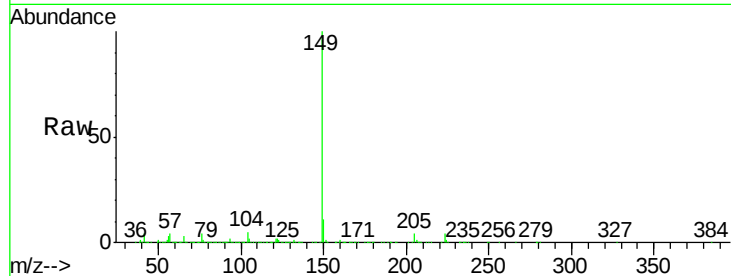




#73
Di-n-butylphthalate
Concen: 39.10 ng
RT: 18.33 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

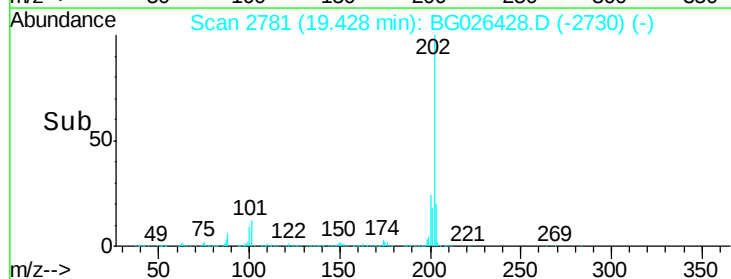
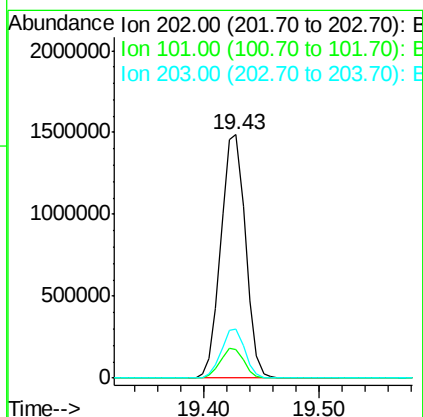
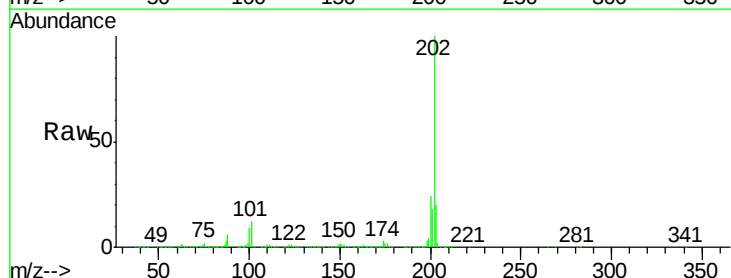
Instrument :
BNA_G
ClientSampleId :
B-4MSD

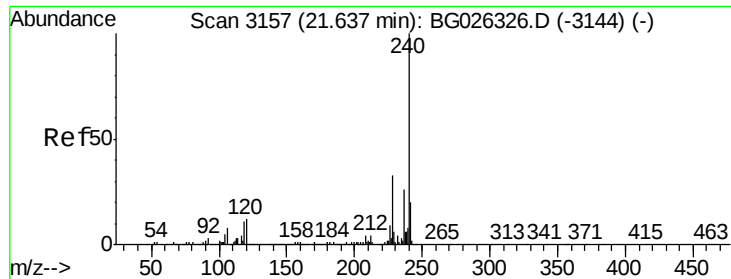
Tot Ion:149 Resp: 2045481
Ion Ratio Lower Upper
149 100
150 10.9 9.1 13.7
104 4.5 6.7 10.1#



#74
Fluoranthene
Concen: 38.54 ng
RT: 19.43 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion:202 Resp: 2196959
Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.1
203 20.1 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

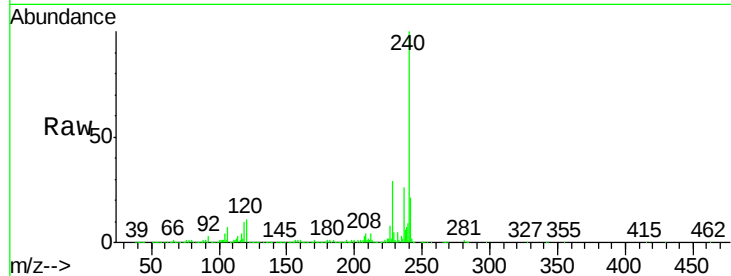
Tot Ion:240 Resp: 992189

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

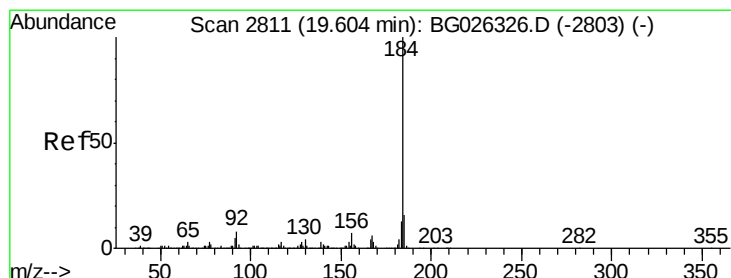
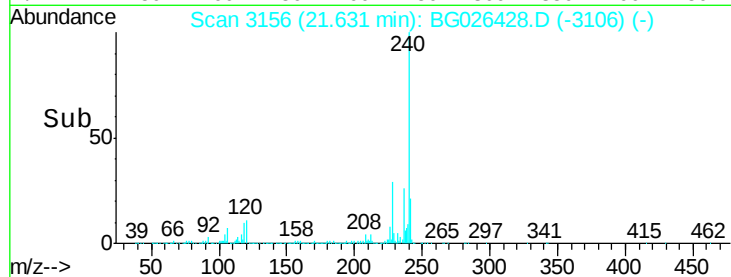
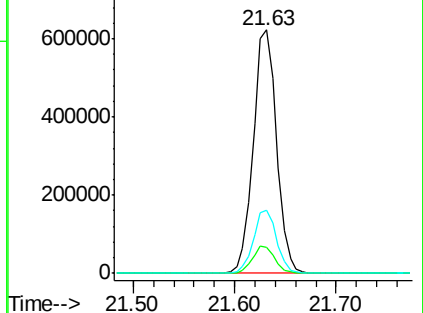
236 25.9 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.89 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

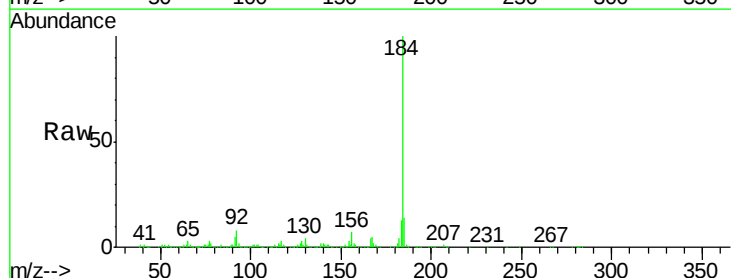
Tgt Ion:184 Resp: 782913

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.6

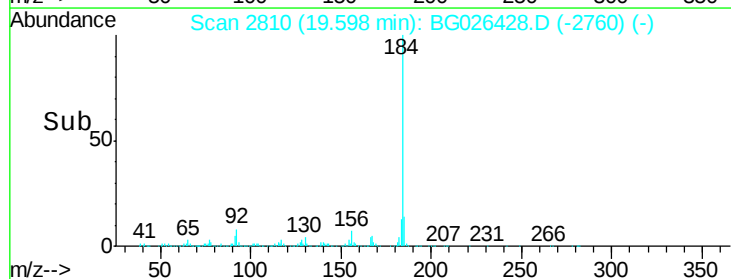
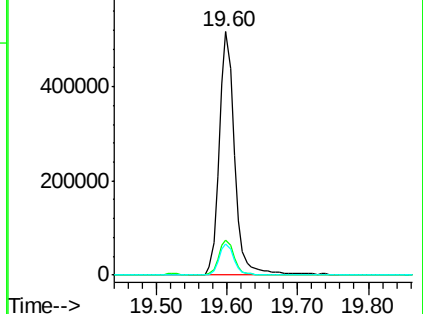
183 12.6 11.0 16.6

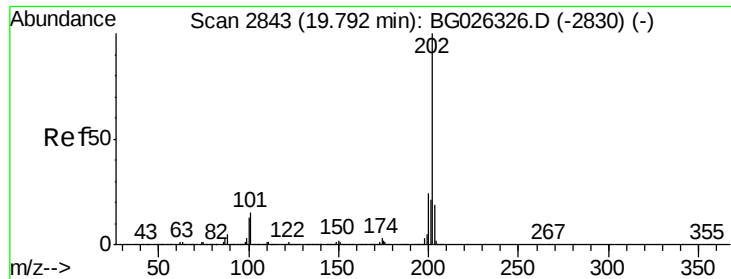


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

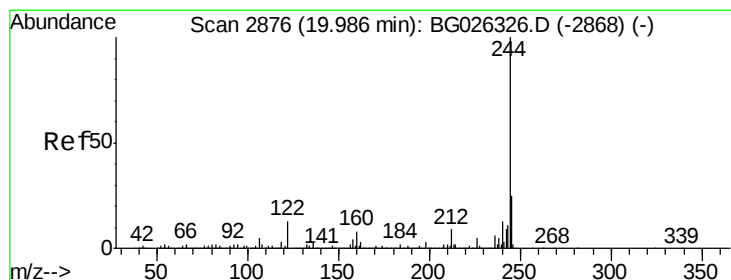
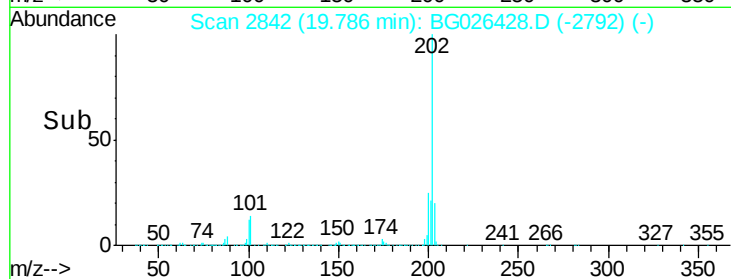
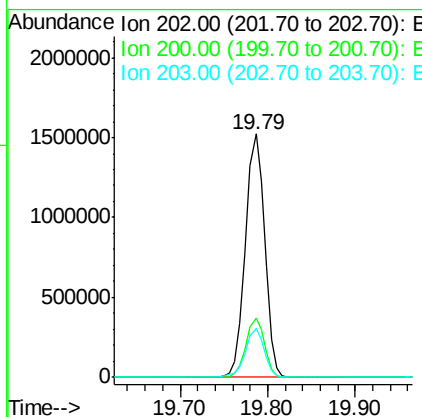
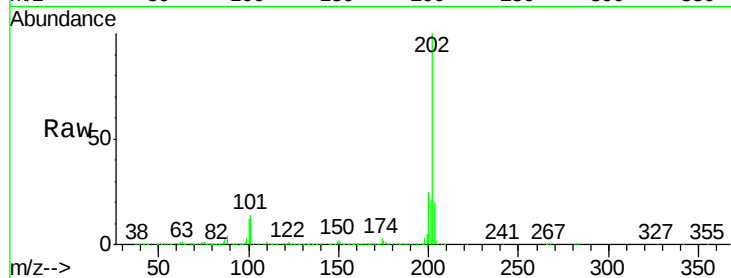




#77
Pvrene
Concen: 38.91 ng
RT: 19.79 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

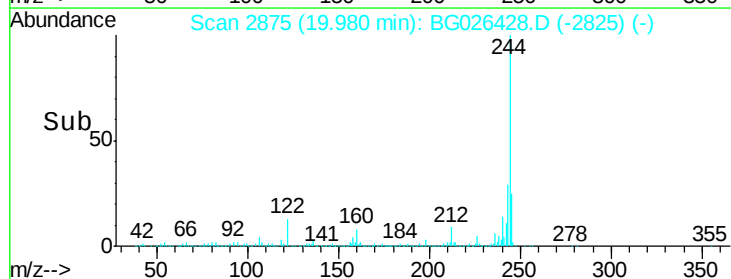
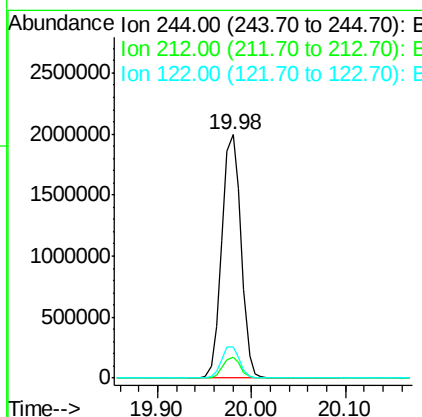
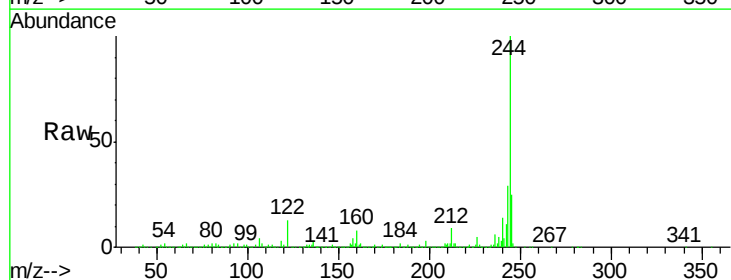
Instrument :
BNA_G
ClientSampleId :
B-4MSD

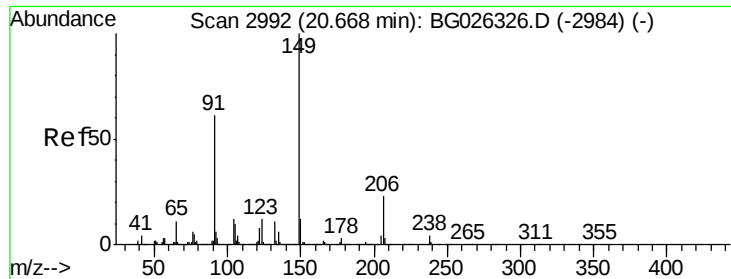
Tot Ion:202 Resp: 2235299
Ion Ratio Lower Upper
202 100
200 24.6 19.6 29.4
203 20.3 15.8 23.8



#78
Terphenyl-d14
Concen: 69.54 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion:244 Resp: 2841139
Ion Ratio Lower Upper
244 100
212 8.6 10.0 15.0#
122 13.0 8.6 12.8#

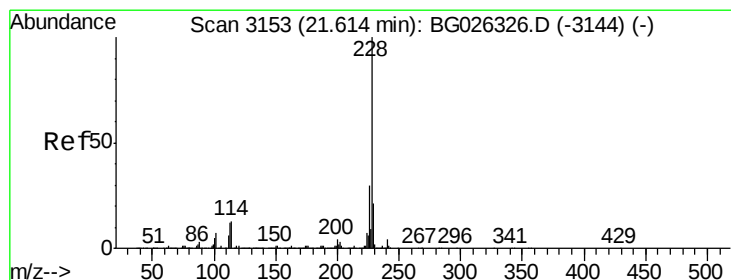
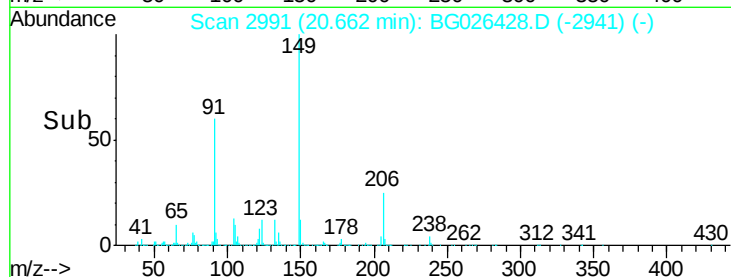
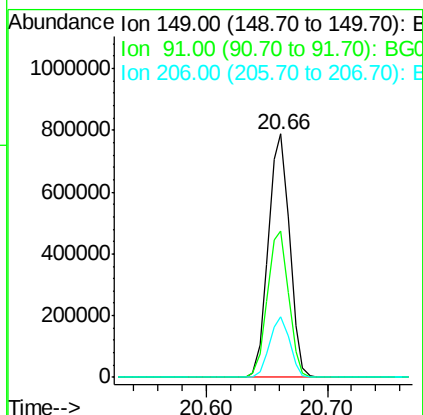
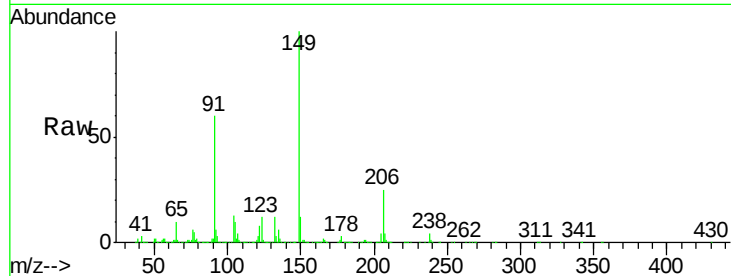




#79
Butylbenzylphthalate
Concen: 41.60 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

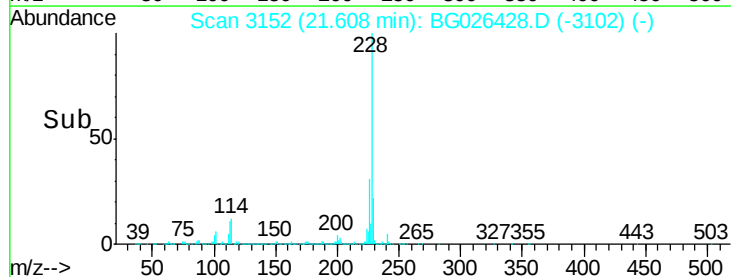
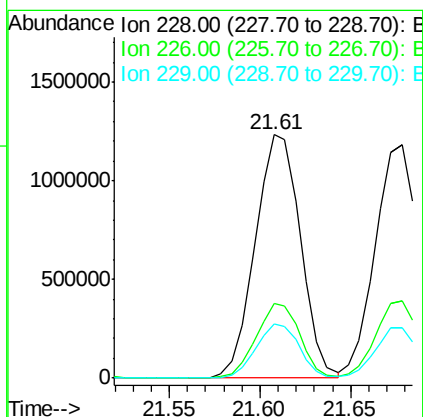
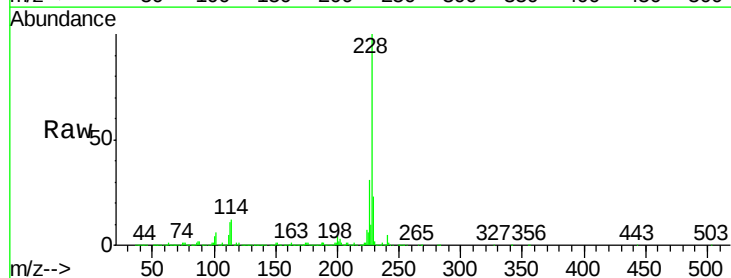
Instrument :
BNA_G
ClientSampleId :
B-4MSD

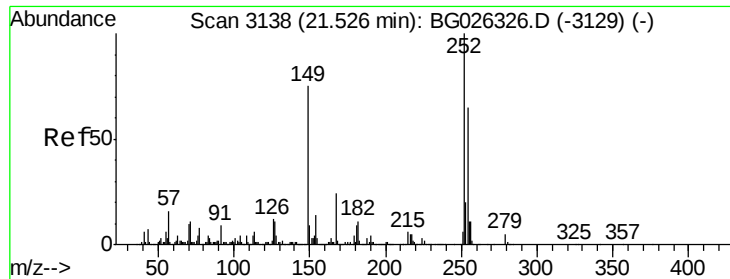
Tot Ion:149 Resp: 956186
Ion Ratio Lower Upper
149 100
91 59.9 63.5 95.3#
206 24.7 21.0 31.6



#80
Benzo(a)anthracene
Concen: 38.36 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion:228 Resp: 2141830
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 22.5 18.2 27.2

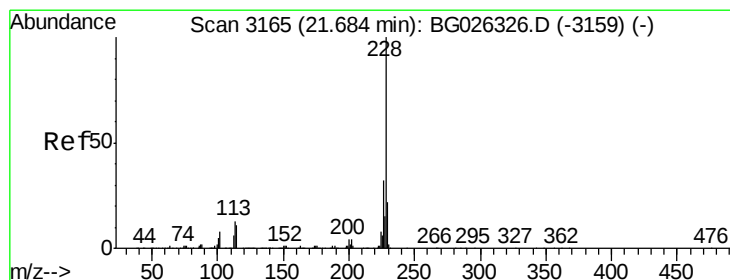
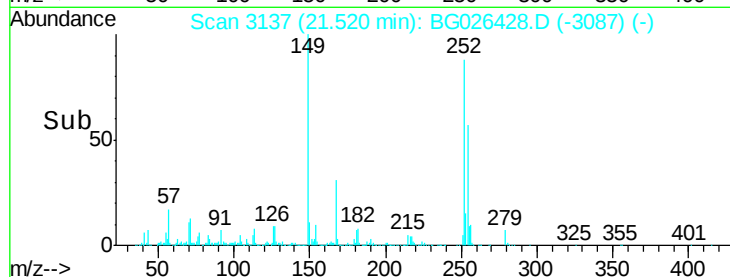
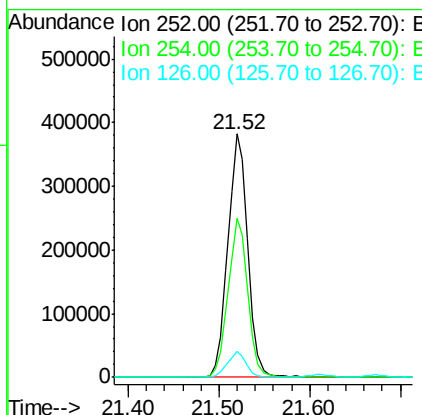
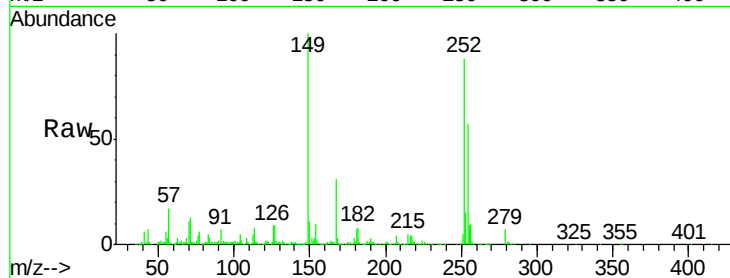




#81
 3,3'-Dichlorobenzidine
 Concen: 25.51 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

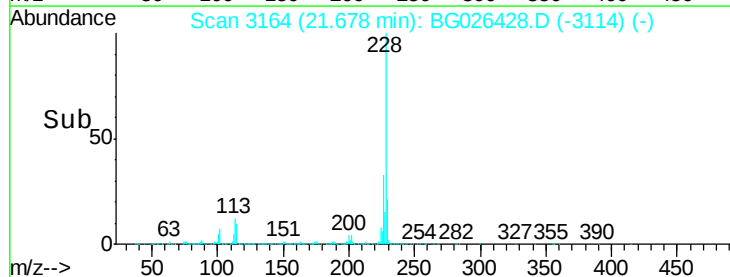
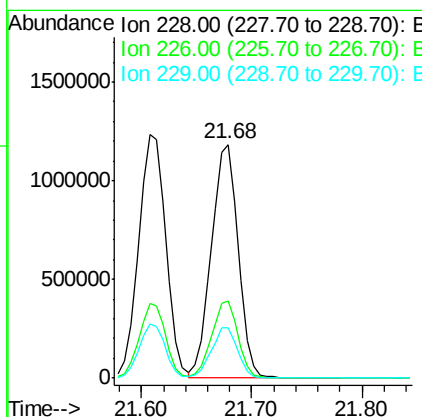
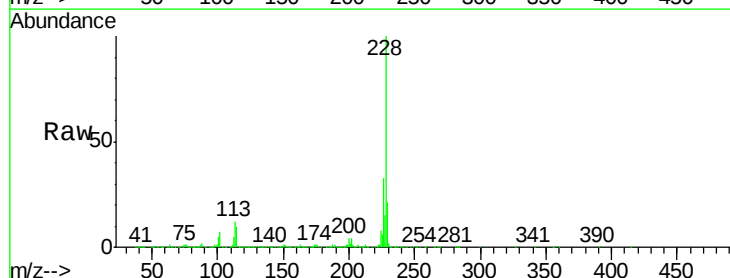
Instrument :
 BNA_G
 ClientSampled :
 B-4MSD

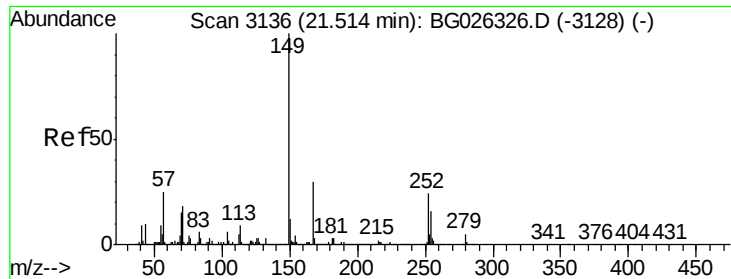
Tot Ion:252 Resp: 583158
 Ion Ratio Lower Upper
 252 100
 254 65.1 53.1 79.7
 126 10.6 7.0 10.4#



#82
 Chrysene
 Concen: 37.02 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

Tgt Ion:228 Resp: 1974970
 Ion Ratio Lower Upper
 228 100
 226 33.0 27.0 40.4
 229 21.3 17.8 26.6

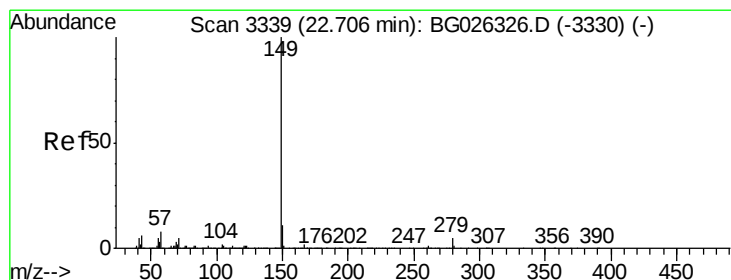
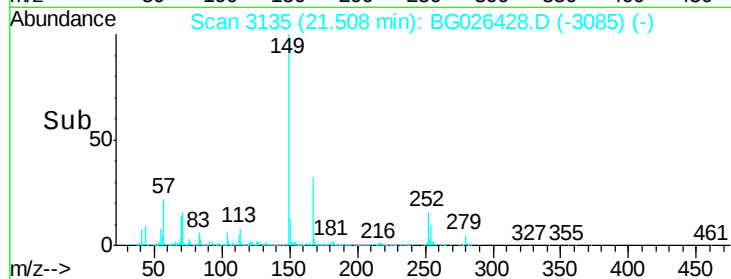
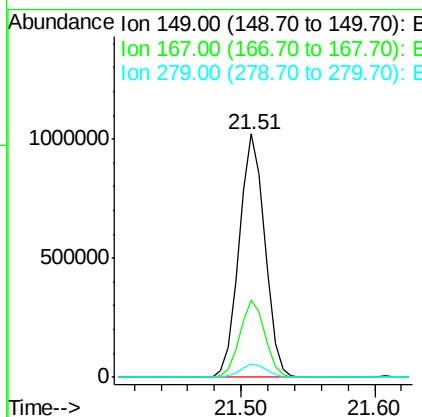
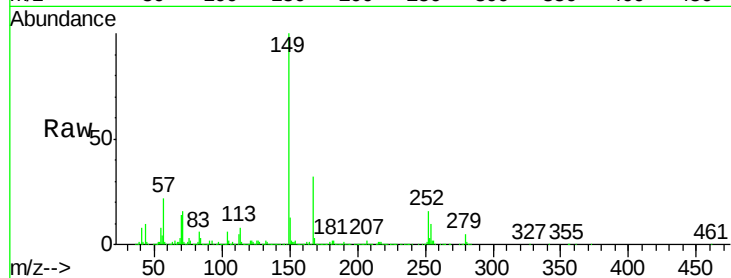




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.05 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

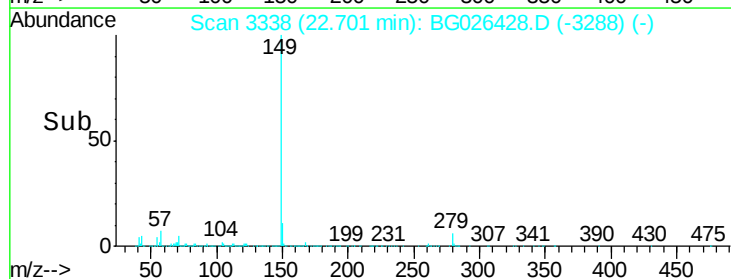
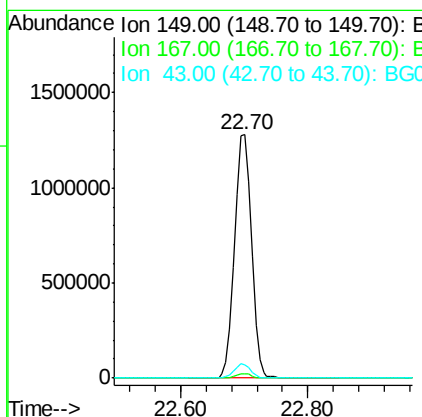
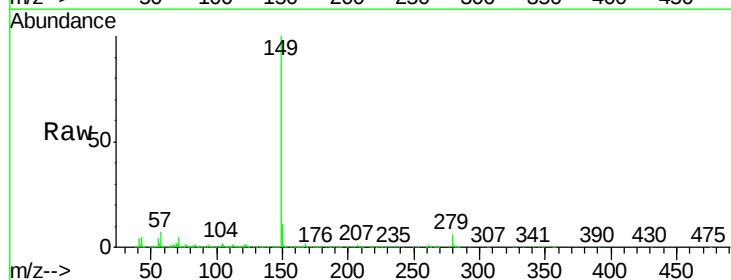
Instrument :
 BNA_G
 ClientSampleId :
 B-4MSD

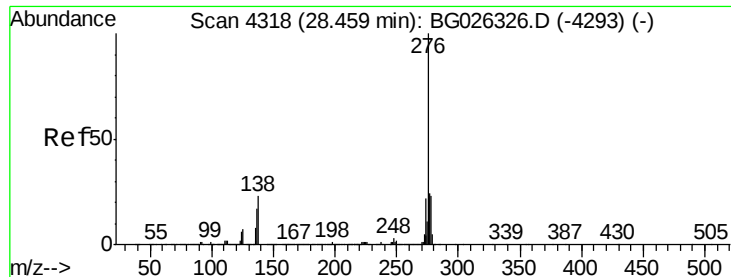
Tot Ion:149 Resp: 1355824
 Ion Ratio Lower Upper
 149 100
 167 32.0 23.7 35.5
 279 5.4 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 39.28 ng
 RT: 22.70 min Scan# 3338
 Delta R.T. -0.01 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

Tgt Ion:149 Resp: 2327153
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 5.5 11.8 17.6#

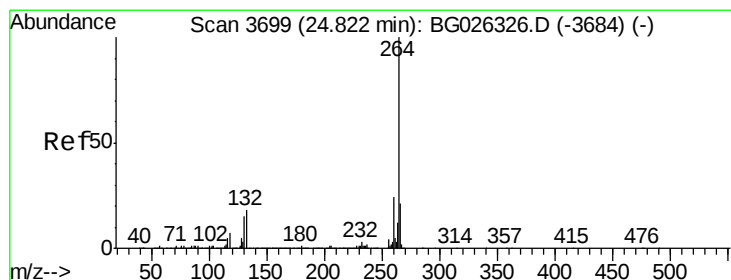
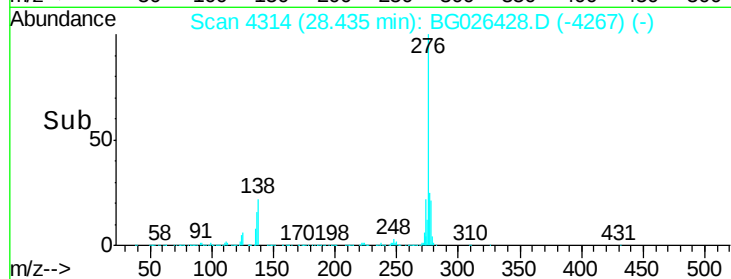
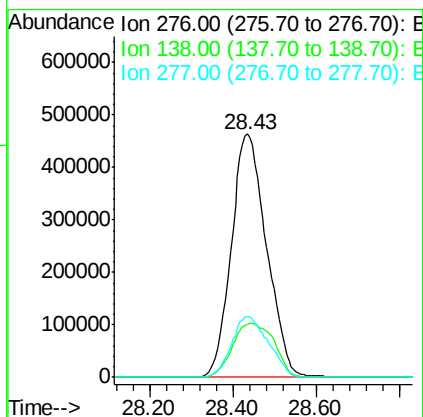
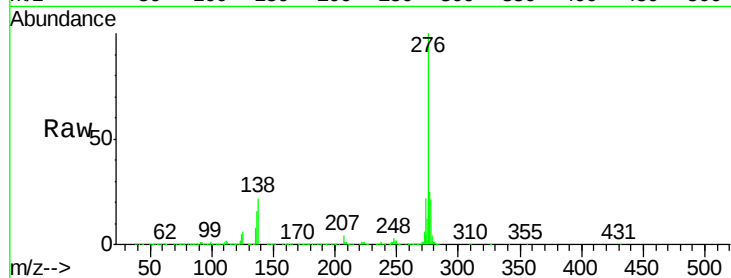




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.30 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.02 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

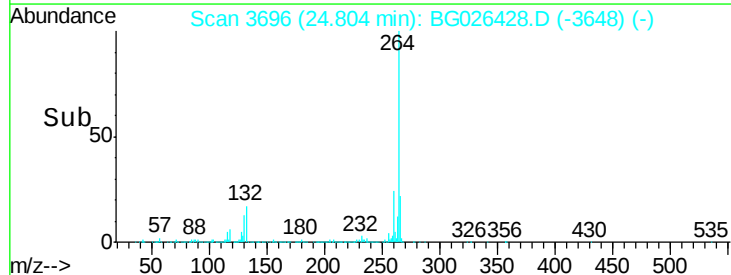
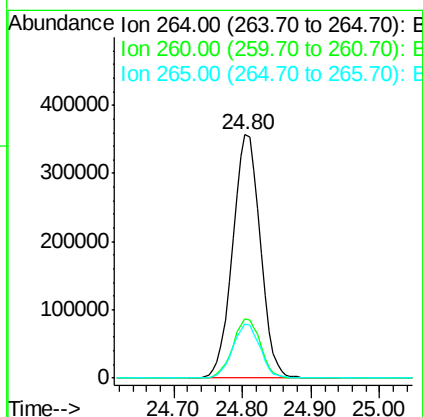
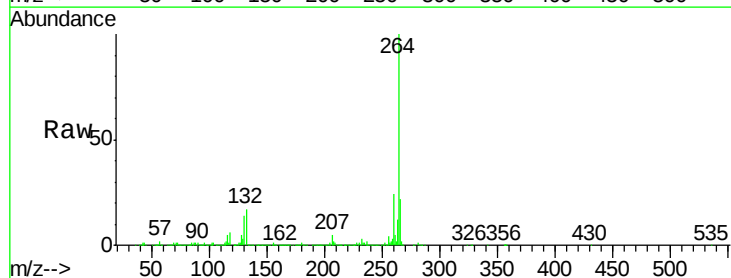
Instrument :
BNA_G
ClientSampleId :
B-4MSD

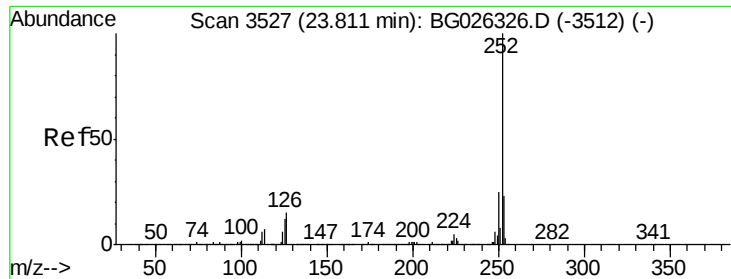
Tot Ion:276 Resp: 2720352
Ion Ratio Lower Upper
276 100
138 26.3 4.7 7.1#
277 26.2 20.6 31.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.02 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion:264 Resp: 1001367
Ion Ratio Lower Upper
264 100
260 24.2 21.8 32.8
265 22.4 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 39.48 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

Instrument :

BNA_G

ClientSampleId :

B-4MSD

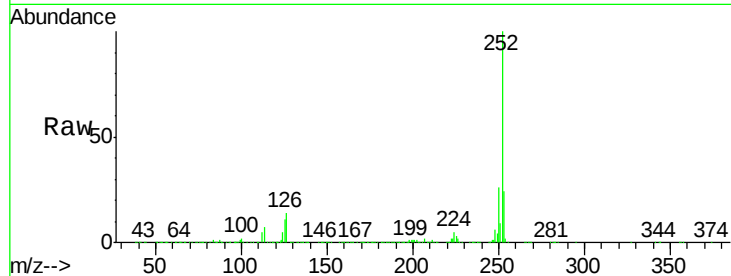
Tot Ion:252 Resp: 2330536

Ion Ratio Lower Upper

252 100

253 23.6 18.7 28.1

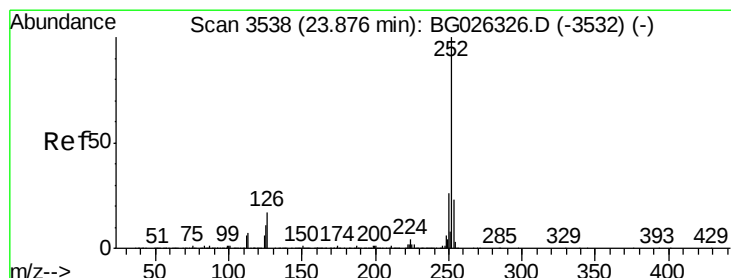
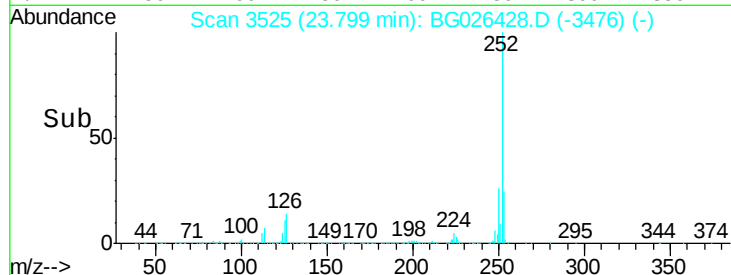
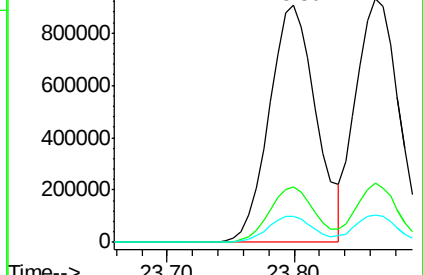
125 10.8 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.00 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG026428.D

Acq: 24 Mar 2017 23:46

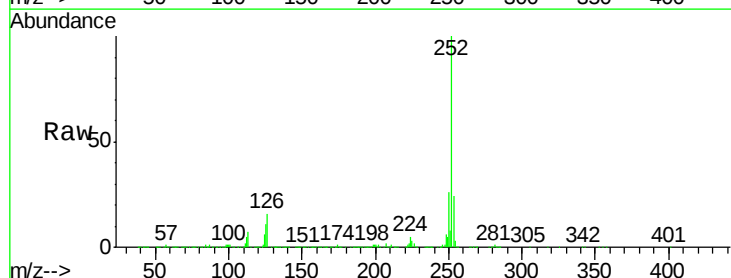
Tgt Ion:252 Resp: 2175297

Ion Ratio Lower Upper

252 100

253 24.2 20.2 30.2

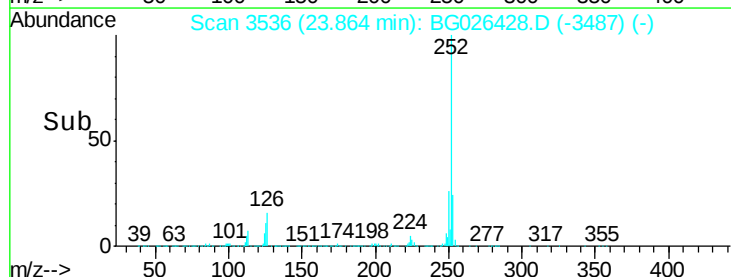
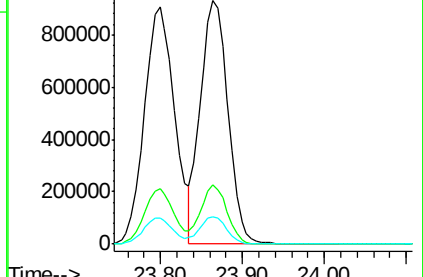
125 11.4 5.1 7.7#

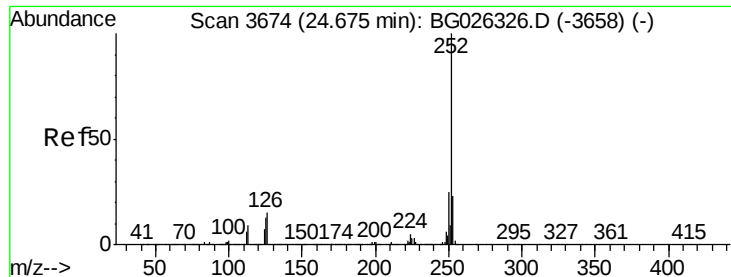


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

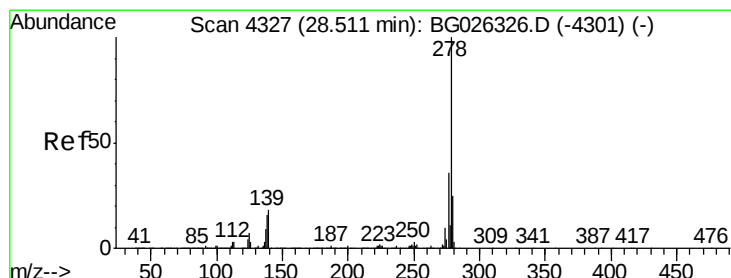
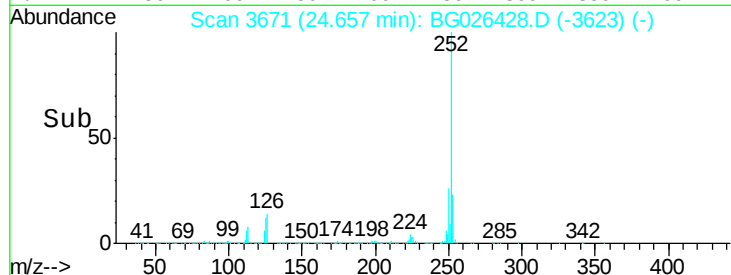
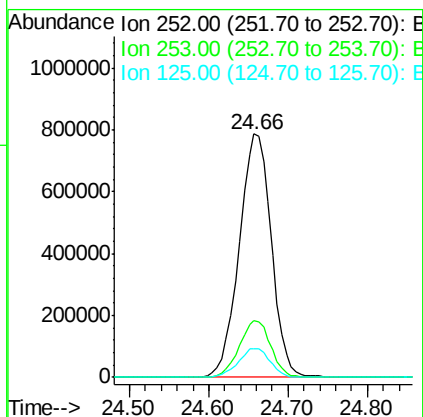
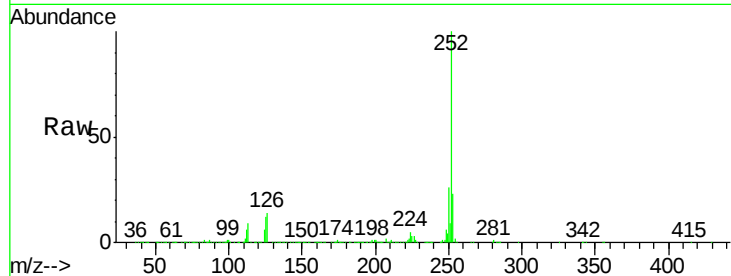




#89
Benzo(a)pyrene
Concen: 38.98 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.02 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

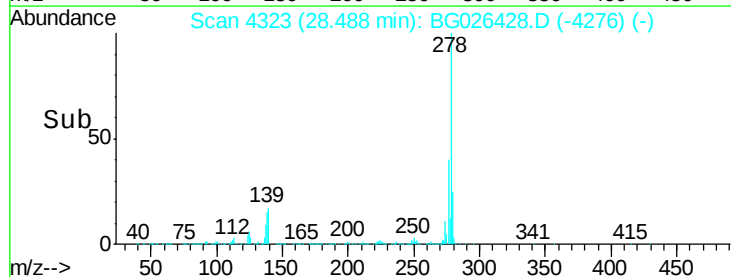
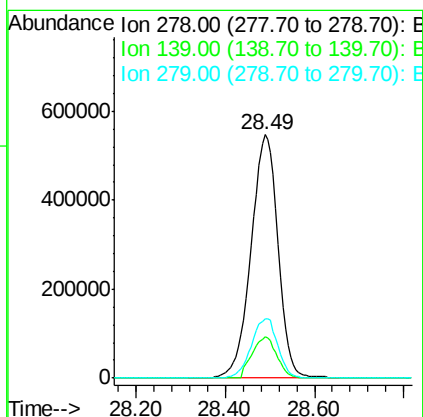
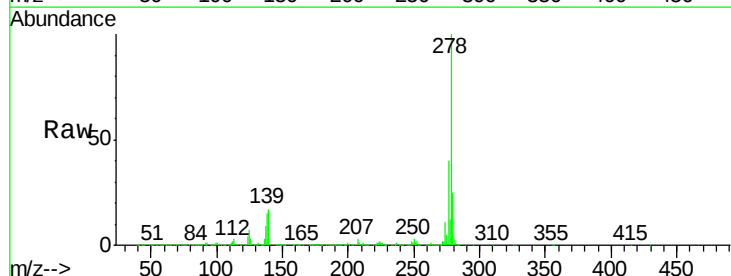
Instrument :
BNA_G
ClientSampleId :
B-4MSD

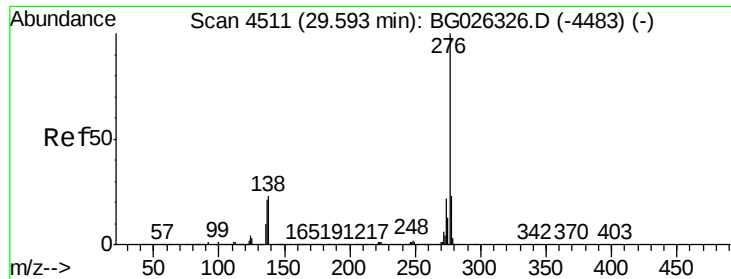
Tot Ion:252 Resp: 2206900
Ion Ratio Lower Upper
252 100
253 23.1 19.2 28.8
125 12.0 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 39.58 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.02 min
Lab File: BG026428.D
Acq: 24 Mar 2017 23:46

Tgt Ion:278 Resp: 2264510
Ion Ratio Lower Upper
278 100
139 16.9 7.7 11.5#
279 24.6 19.1 28.7





#91
 Benzo(a,h,i)perylene
 Concen: 39.09 ng
 RT: 29.57 min Scan# 4507
 Delta R.T. -0.02 min
 Lab File: BG026428.D
 Acq: 24 Mar 2017 23:46

Instrument :
 BNA_G
 ClientSampleId :
 B-4MSD

Tot Ion:276 Resp: 2253513
 Ion Ratio Lower Upper
 276 100
 277 25.2 18.6 27.8
 138 22.4 8.1 12.1#

