

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026373.D
 Acq On : 22 Mar 2017 12:01
 Operator : SJ/MA
 Sample : I2304-11MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Quant Time: Mar 29 14:45:12 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	8.05	152	142786	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	645738	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	376962	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	821747	20.00	ng	0.00
75) Chrysene-d12	21.64	240	868717	20.00	ng	0.00
86) Perylene-d12	24.83	264	854060	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1174636	146.01	ng	0.00
7) Phenol-d6	7.21	99	1610040	149.07	ng	0.00
23) Nitrobenzene-d5	9.21	82	883575	82.27	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	613340	142.08	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2234137	83.11	ng	0.00
78) Terphenyl-d14	19.99	244	2652026	74.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	117702	32.60	ng	# 72
3) Pyridine	3.90	79	364575	36.87	ng	# 62
4) n-Nitrosodimethylamine	3.81	42	110084	40.73	ng	# 1
6) Aniline	7.37	93	249064	17.26	ng	# 89
8) 2-Chlorophenol	7.62	128	482887	53.31	ng	# 81
9) Benzaldehyde	7.18	77	190545	26.13	ng	# 69
10) Phenol	7.24	94	707121	61.35	ng	# 70
11) bis(2-Chloroethyl)ether	7.47	93	435718	46.10	ng	# 82
12) 1,3-Dichlorobenzene	7.94	146	497408	46.13	ng	# 84
13) 1,4-Dichlorobenzene	7.94	146	497408	45.60	ng	# 94
14) 1,2-Dichlorobenzene	8.41	146	487859	46.73	ng	# 89
15) Benzyl Alcohol	8.28	79	375433	53.02	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.58	45	438794	41.81	ng	# 81
17) 2-Methylphenol	8.49	107	425805	52.02	ng	# 80
18) Hexachloroethane	9.13	117	165447	46.38	ng	# 93
19) n-Nitroso-di-n-propylamine	8.85	70	322196	46.41	ng	# 70
20) 3+4-Methylphenols	8.82	107	596928	52.97	ng	# 86
22) Acetophenone	8.87	105	694842	46.79	ng	# 73
24) Nitrobenzene	9.25	77	469818	44.31	ng	# 73
25) Isophorone	9.77	82	931232	46.01	ng	# 88
26) 2-Nitrophenol	9.96	139	287228	52.06	ng	# 61
27) 2,4-Dimethylphenol	10.02	122	485256	53.58	ng	# 85
28) bis(2-Chloroethoxy)methane	10.25	93	614236	46.71	ng	# 98
29) 2,4-Dichlorophenol	10.50	162	510252	55.71	ng	# 93
30) 1,2,4-Trichlorobenzene	10.71	180	512766	49.84	ng	# 100
31) Naphthalene	10.90	128	1490611	45.66	ng	# 100
32) Benzoic acid	10.10	122	60781	8.72	ng	# 63
33) 4-Chloroaniline	11.00	127	164736	12.41	ng	# 83
34) Hexachlorobutadiene	11.18	225	290725	47.89	ng	# 98
35) Caprolactam	11.77	113	99315	27.52	ng	# 58
36) 4-Chloro-3-methylphenol	12.12	107	504552	51.50	ng	# 74
37) 2-Methylnaphthalene	12.49	142	1164923	48.71	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	545991	48.14	ng	# 97
40) Hexachlorocyclopentadiene	12.85	237	332993	55.78	ng	# 94

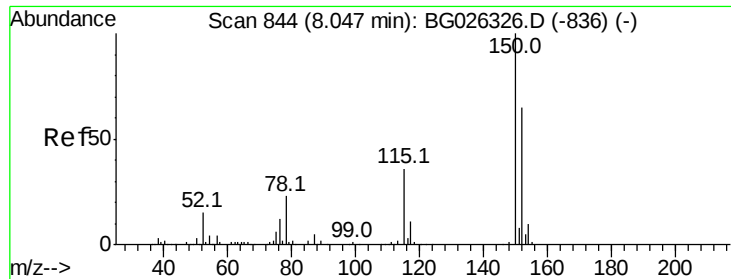
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	400181	53.89	nq	97
43) 2,4,5-Trichlorophenol	13.17	196	411949	50.19	nq	# 92
45) 1,1'-Biphenyl	13.49	154	1446085	46.32	nq	100
46) 2-Chloronaphthalene	13.54	162	1095805	48.06	nq	96
47) 2-Nitroaniline	13.73	65	303482	46.80	nq	# 56
48) Acenaphthylene	14.38	152	1729372	43.51	nq	99
49) Dimethylphthalate	14.11	163	1565170	55.01	nq	98
50) 2,6-Dinitrotoluene	14.23	165	326404	49.15	nq	# 58
51) Acenaphthene	14.72	154	1118109	45.68	nq	98
52) 3-Nitroaniline	14.55	138	194747	26.63	nq	# 66
53) 2,4-Dinitrophenol	14.76	184	85072	22.08	nq	# 77
54) Dibenzofuran	15.05	168	1675843	48.63	nq	90
55) 4-Nitrophenol	14.86	139	503747	84.13	nq	# 40
56) 2,4-Dinitrotoluene	15.02	165	452727	48.47	nq	# 68
57) Fluorene	15.70	166	1356620	44.24	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	358832	50.12	nq	98
59) Diethylphthalate	15.46	149	1324863	45.56	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	668424	45.99	nq	90
61) 4-Nitroaniline	15.71	138	330481	42.73	nq	# 50
62) Azobenzene	15.98	77	1107707	46.85	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	168034	32.43	nq	84
65) n-Nitrosodiphenylamine	15.90	169	1202552	49.86	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	435063	51.44	nq	94
67) Hexachlorobenzene	16.70	284	444091	49.22	nq	92
68) Atrazine	16.84	200	438753	48.06	nq	98
69) Pentachlorophenol	17.04	266	490893	83.68	nq	97
70) Phenanthrene	17.43	178	2007497	45.49	nq	99
71) Anthracene	17.52	178	2054441	45.63	nq	99
72) Carbazole	17.79	167	1947693	42.02	nq	97
73) Di-n-butylphthalate	18.33	149	2117617	44.46	nq	# 95
74) Fluoranthene	19.43	202	2208715	42.56	nq	96
76) Benzidine	19.60	184	243662	8.14	nq	97
77) Pyrene	19.79	202	2229185	44.32	nq	99
79) Butylbenzylphthalate	20.67	149	996069	49.49	nq	# 83
80) Benzo(a)anthracene	21.62	228	2178399	44.56	nq	99
81) 3,3'-Dichlorobenzidine	21.53	252	259989	12.99	nq	# 98
82) Chrysene	21.68	228	2012551	43.09	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1455010	47.86	nq	97
84) Di-n-octyl phthalate	22.71	149	2431170	46.86	nq	# 82
85) Indeno(1,2,3-cd)pyrene	28.46	276	2634375	45.68	nq	# 88
87) Benzo(b)fluoranthene	23.82	252	2276426	45.22	nq	# 96
88) Benzo(k)fluoranthene	23.89	252	2149879	44.03	nq	# 94
89) Benzo(a)pyrene	24.68	252	2151270	44.55	nq	# 95
90) Dibenzo(a,h)anthracene	28.52	278	2197314	45.02	nq	# 92
91) Benzo(g,h,i)perylene	29.62	276	2173624	44.20	nq	# 90

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

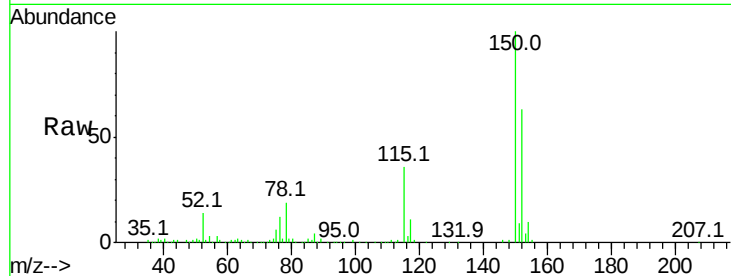


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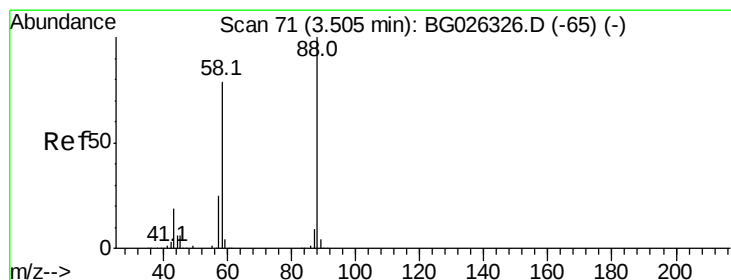
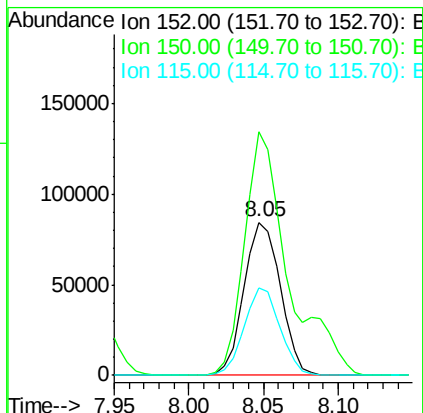
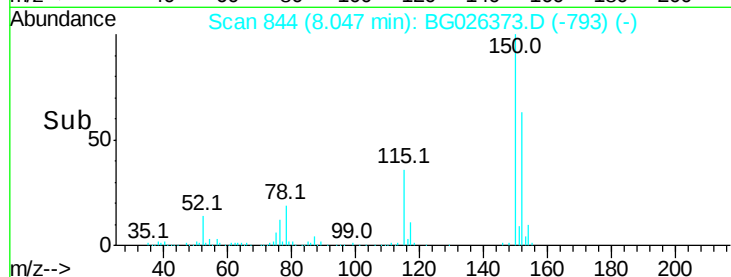
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion:152 Resp: 142786
Ion Ratio Lower Upper
152 100
150 159.1 114.0 171.0
115 57.2 48.1 72.1



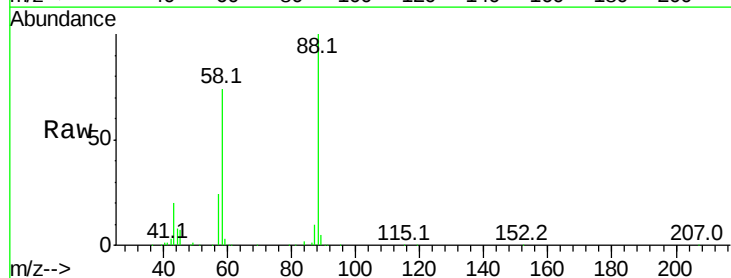
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



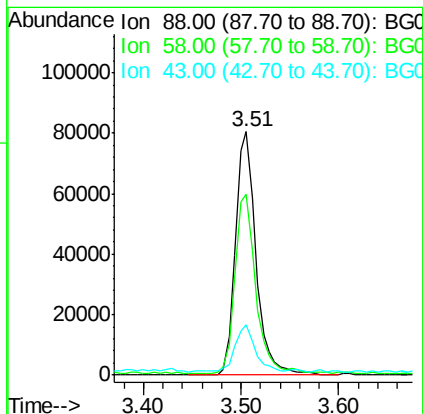
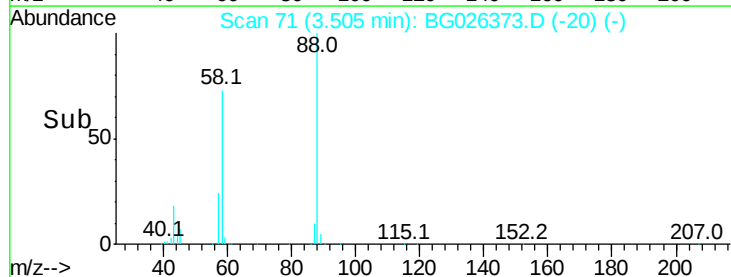
#2

1,4-Dioxane
Concen: 32.60 ng
RT: 3.51 min Scan# 71
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion: 88 Resp: 117702
Ion Ratio Lower Upper
88 100
58 75.8 79.4 119.2#
43 18.3 33.8 50.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.87 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

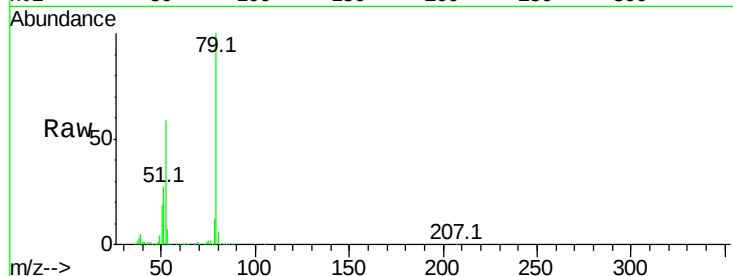
Tot Ion: 79 Resp: 364575

Ion Ratio Lower Upper

79 100

52 58.9 77.8 116.6#

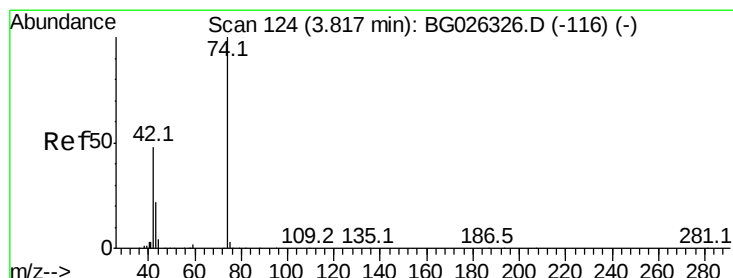
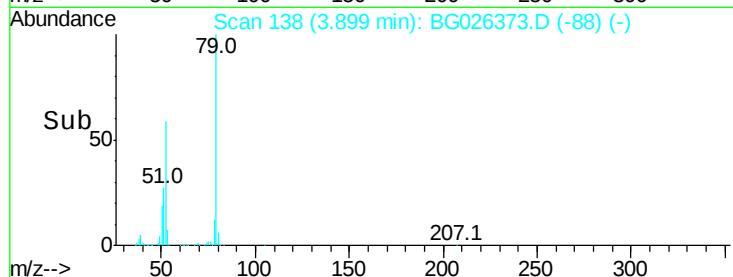
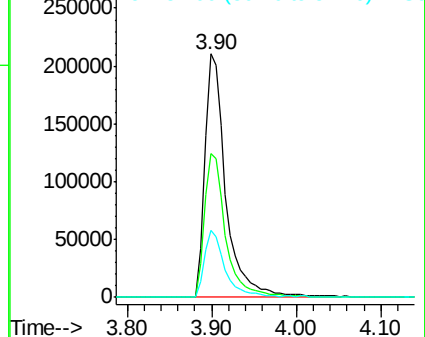
51 27.3 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.73 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

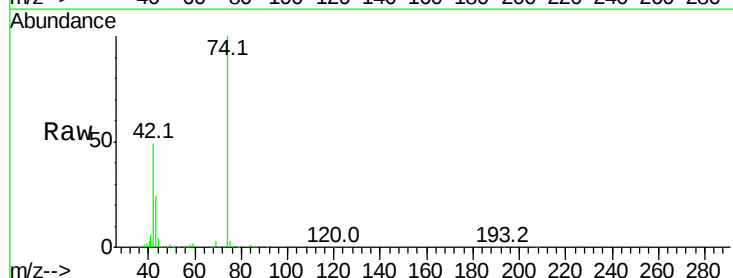
Tgt Ion: 42 Resp: 110084

Ion Ratio Lower Upper

42 100

74 202.5 76.7 115.1#

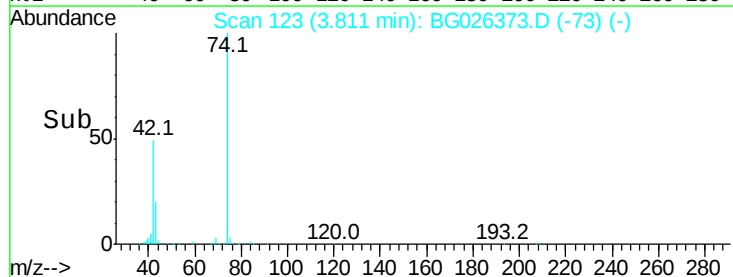
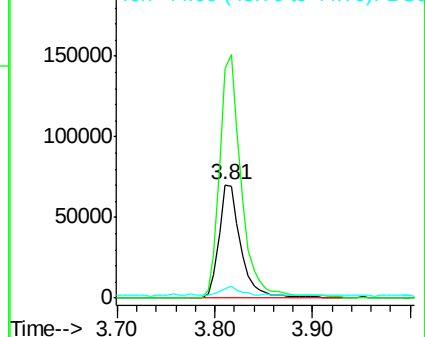
44 8.8 6.1 9.1

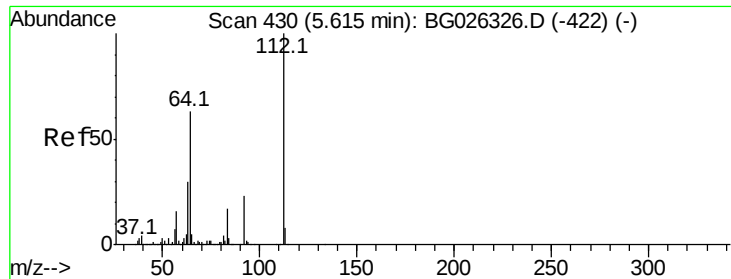


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 146.01 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

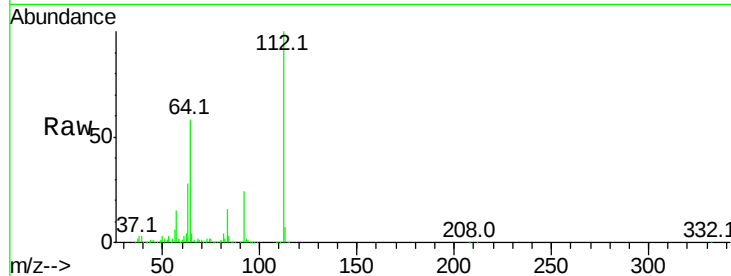
Tot Ion:112 Resp: 1174636

Ion Ratio Lower Upper

112 100

64 58.1 61.8 92.6#

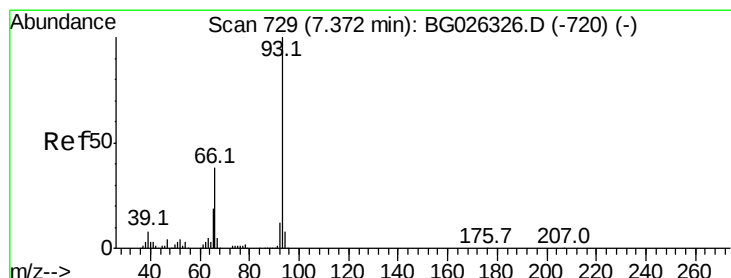
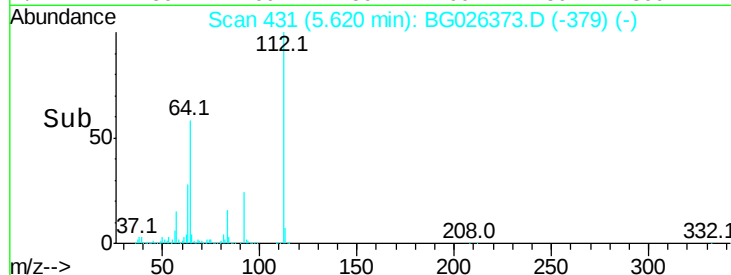
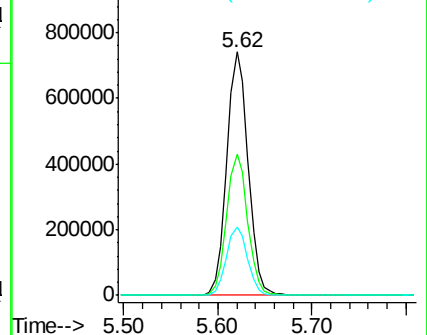
63 28.3 37.2 55.8#



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: 17.26 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

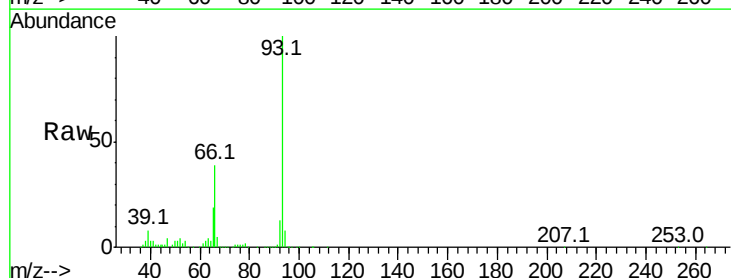
Tgt Ion: 93 Resp: 249064

Ion Ratio Lower Upper

93 100

66 38.5 35.4 53.2

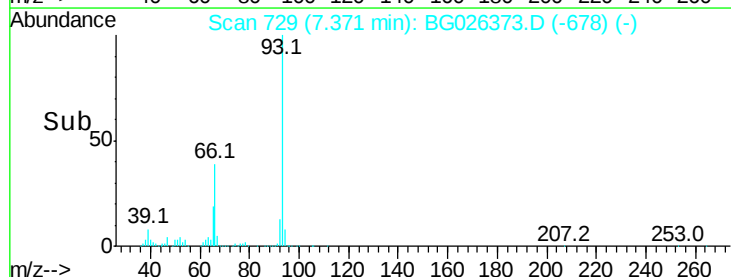
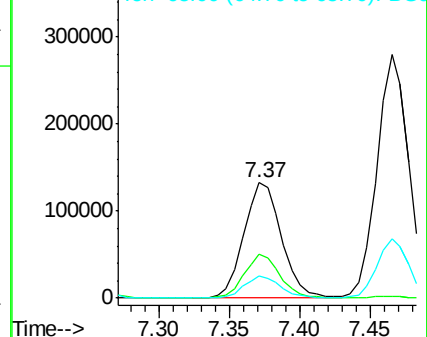
65 19.0 21.2 31.8#

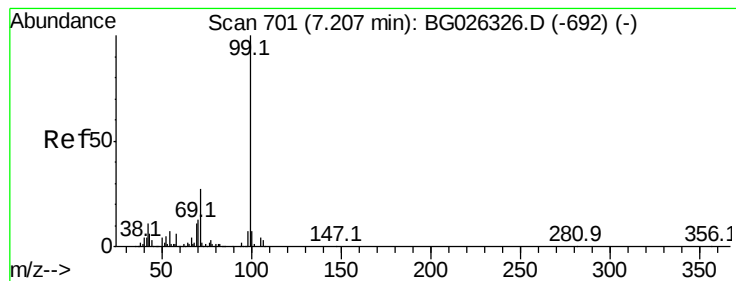


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 149.07 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

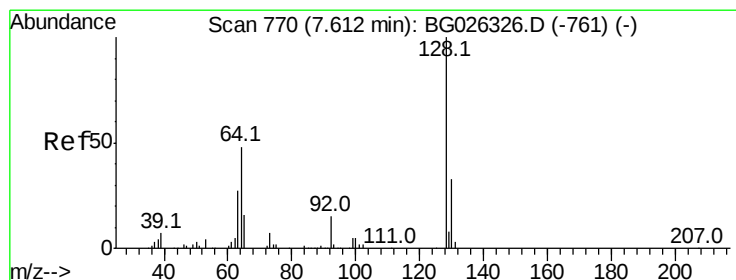
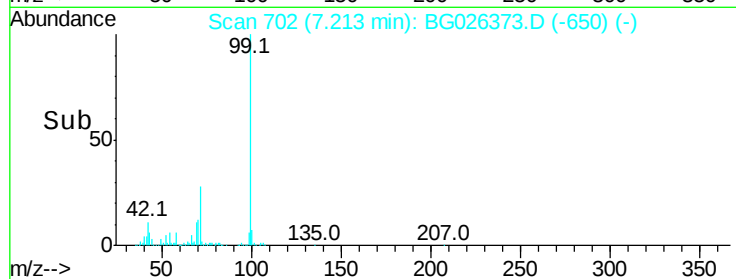
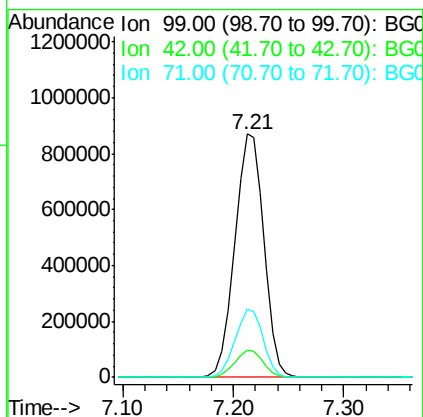
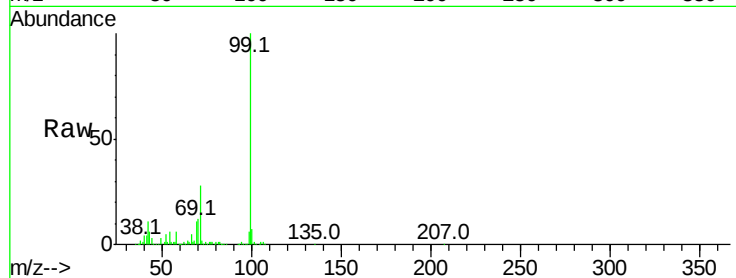
Tot Ion: 99 Resp: 1610040

Ion Ratio Lower Upper

99 100

42 11.0 20.5 30.7#

71 27.8 37.6 56.4#



#8

2-Chlorophenol

Concen: 53.31 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

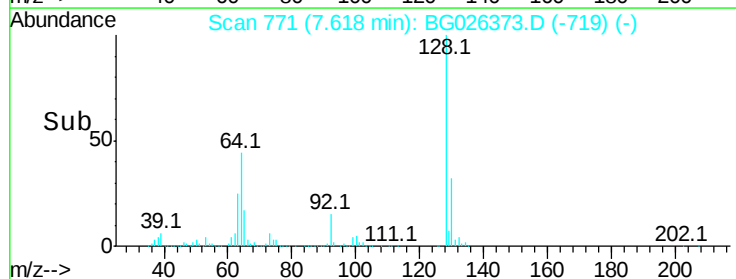
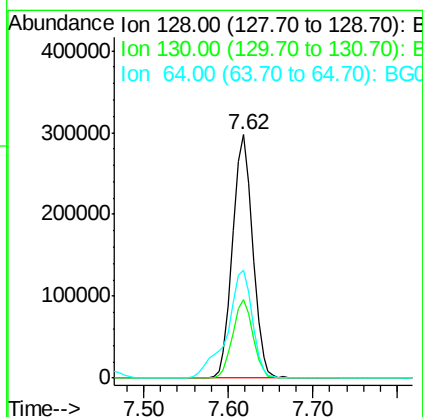
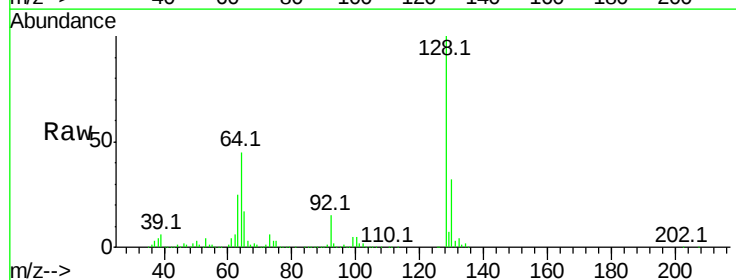
Tgt Ion:128 Resp: 482887

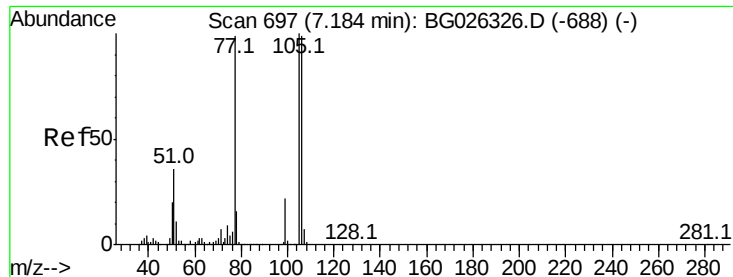
Ion Ratio Lower Upper

128 100

130 32.3 11.4 51.4

64 44.5 46.6 86.6#





#9

Benzaldehyde

Concen: 26.13 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

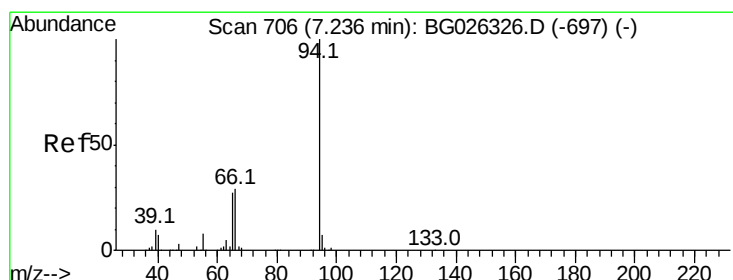
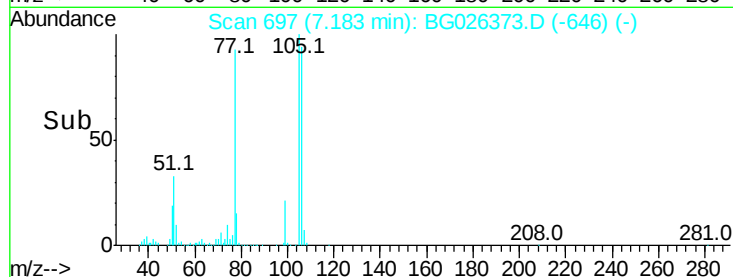
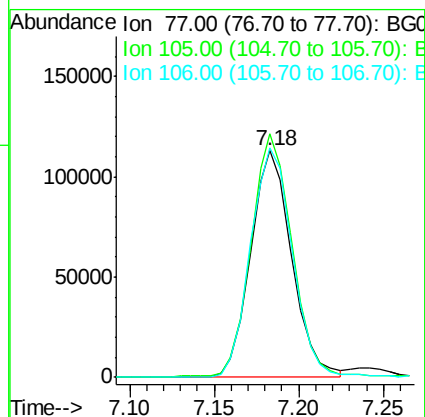
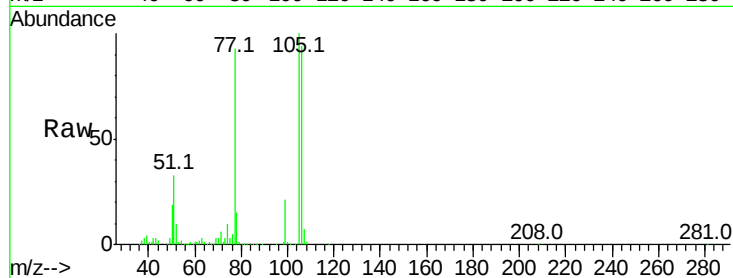
Tot Ion: 77 Resp: 190545

Ion Ratio Lower Upper

77 100

105 107.6 60.9 100.9#

106 101.6 55.1 95.1#



#10

Phenol

Concen: 61.35 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

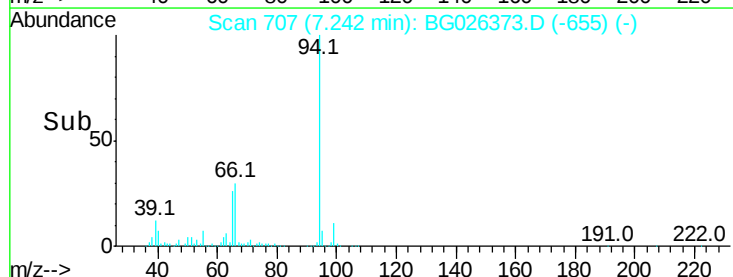
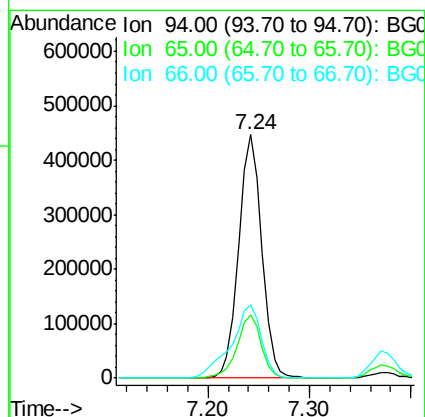
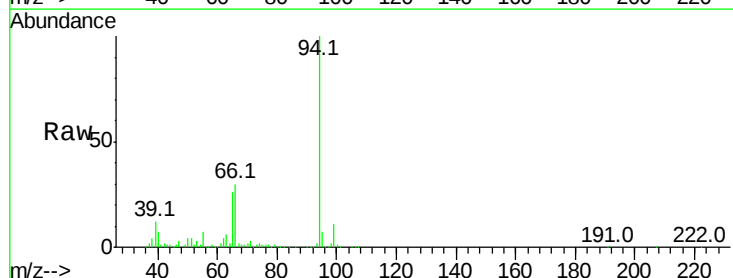
Tgt Ion: 94 Resp: 707121

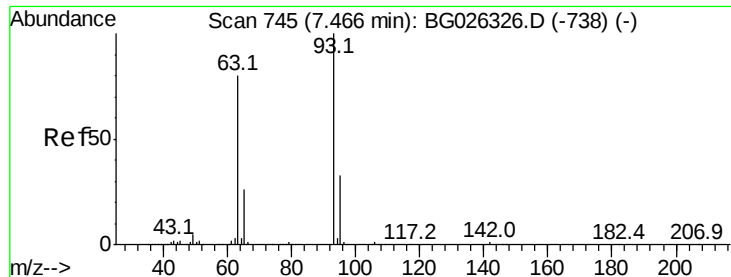
Ion Ratio Lower Upper

94 100

65 26.1 20.6 60.6

66 30.3 35.5 75.5#

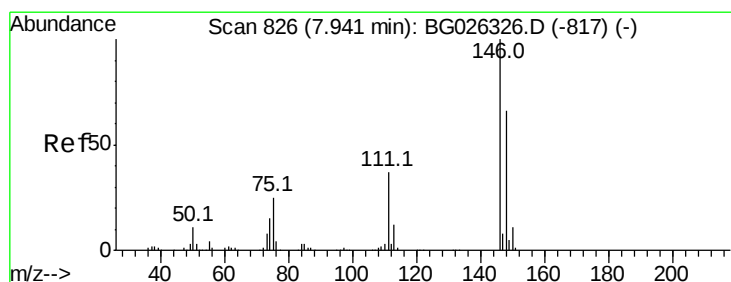
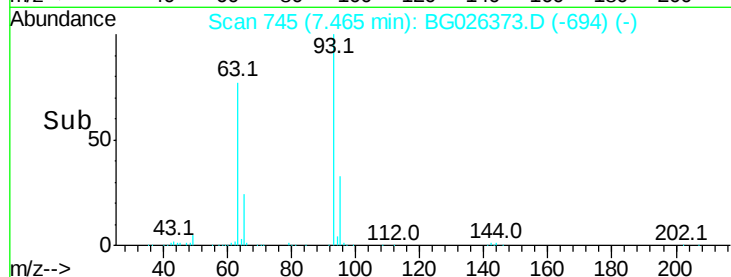
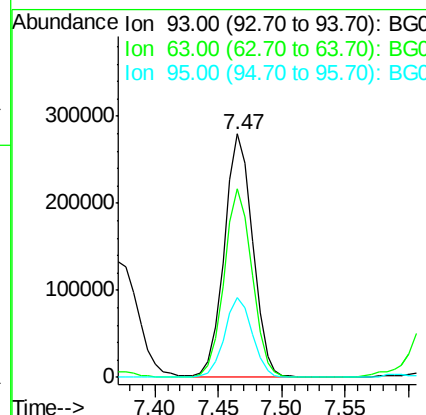
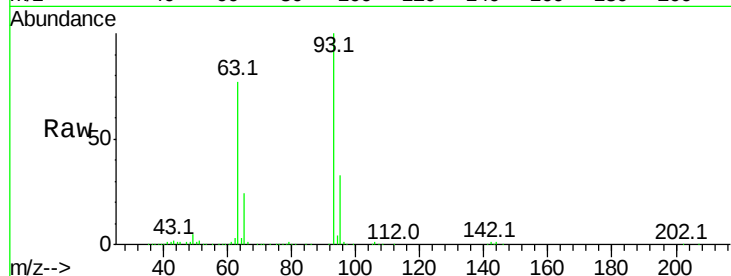




#11
bis(2-Chloroethyl)ether
Concen: 46.10 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

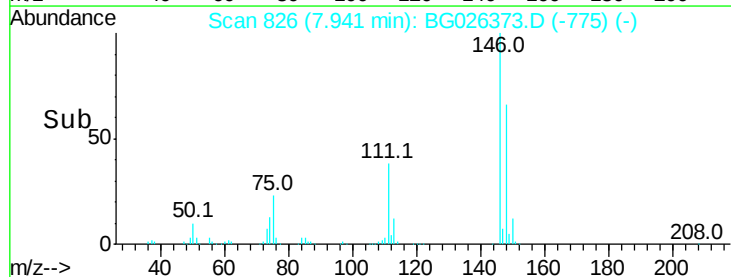
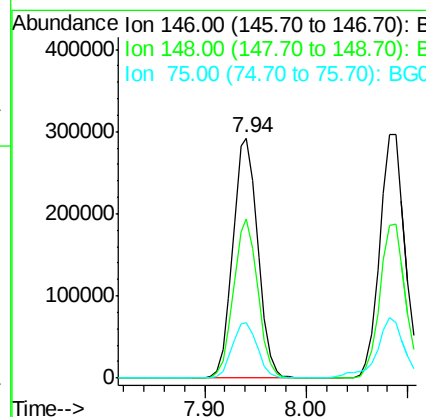
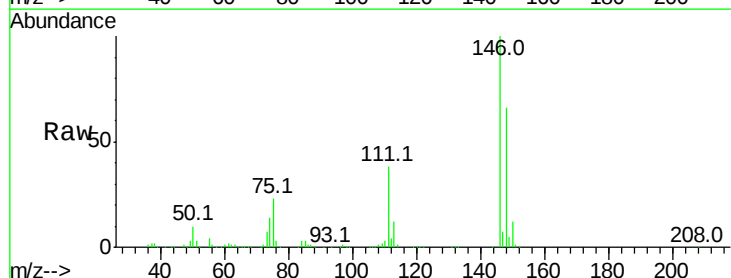
Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

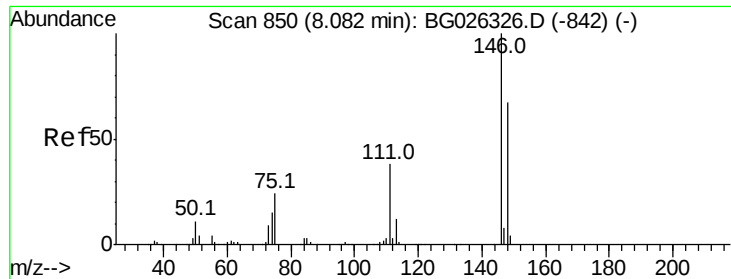
Tot Ion: 93 Resp: 435718
Ion Ratio Lower Upper
93 100
63 77.3 78.5 118.5#
95 33.0 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 46.13 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion: 146 Resp: 497408
Ion Ratio Lower Upper
146 100
148 66.3 49.2 73.8
75 23.3 33.4 50.2#

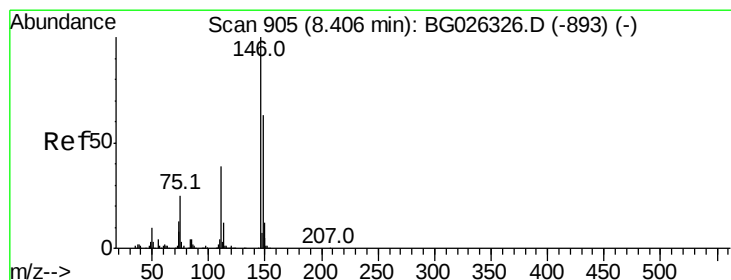
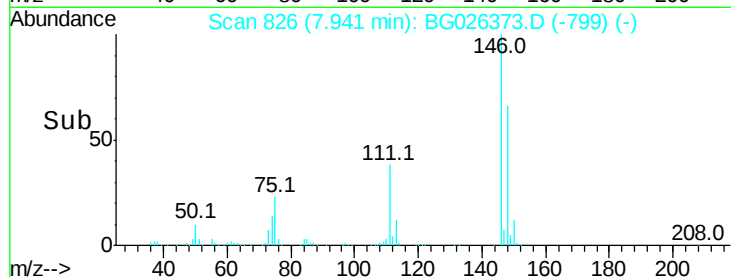
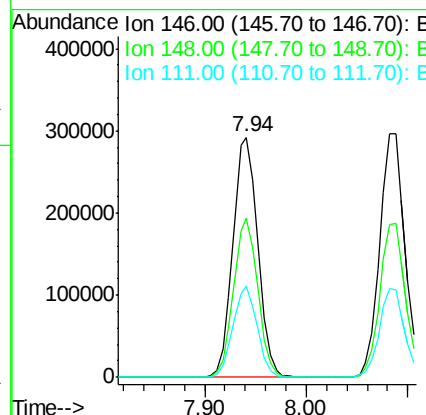
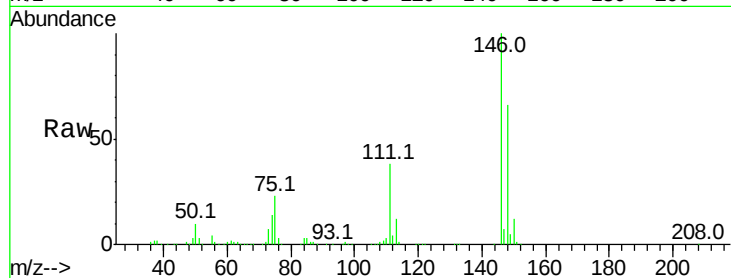




#13
1,4-Dichlorobenzene
Concen: 45.60 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.14 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

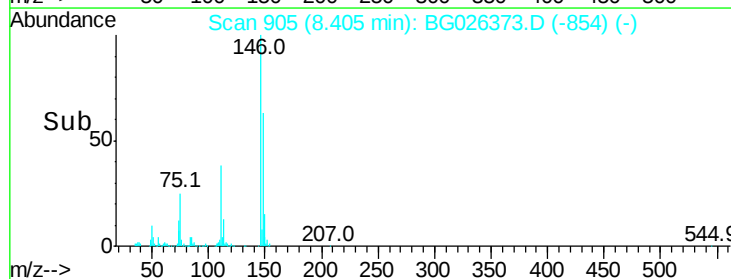
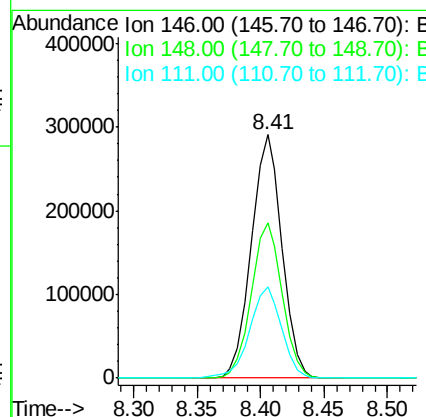
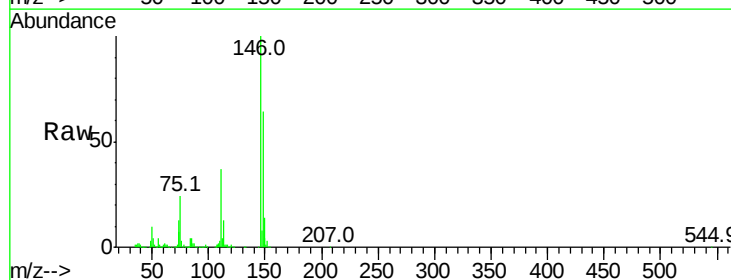
Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

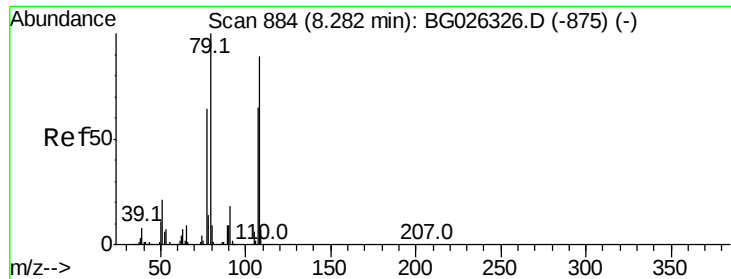
Tot Ion:146 Resp: 497408
Ion Ratio Lower Upper
146 100
148 66.3 52.2 78.2
111 38.0 37.0 55.6



#14
1,2-Dichlorobenzene
Concen: 46.73 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:146 Resp: 487859
Ion Ratio Lower Upper
146 100
148 63.7 54.6 81.8
111 37.4 39.7 59.5#





#15

Benzyl Alcohol

Concen: 53.02 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

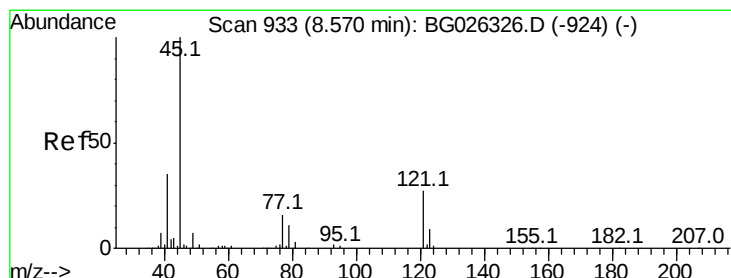
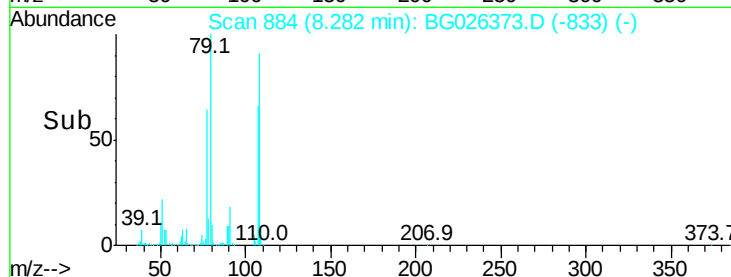
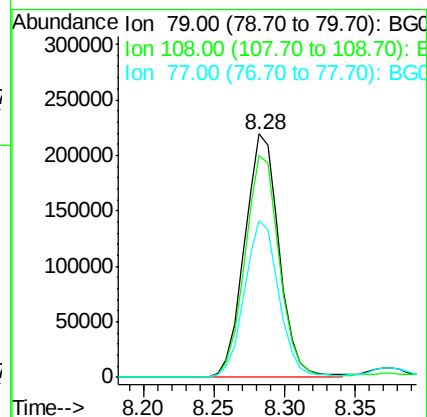
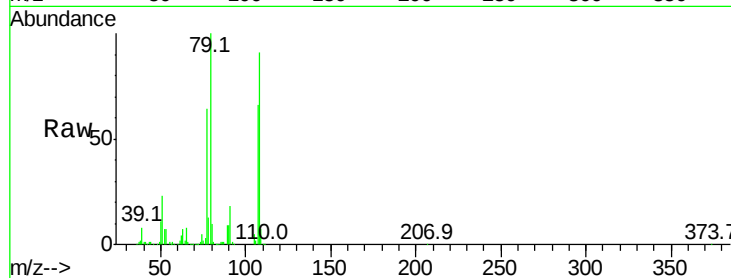
Tot Ion: 79 Resp: 375433

Ion Ratio Lower Upper

79 100

108 91.0 45.5 68.3#

77 64.1 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.81 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

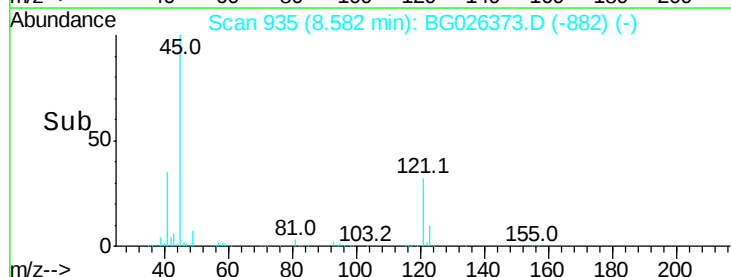
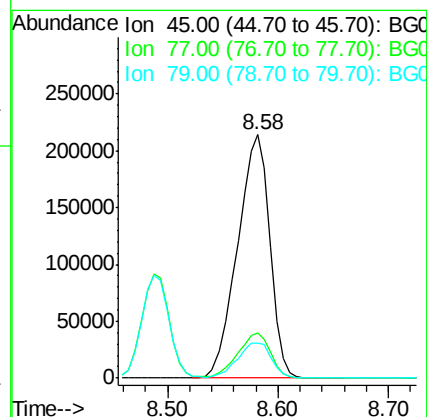
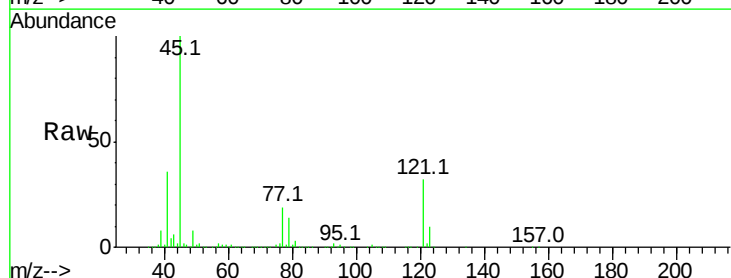
Tgt Ion: 45 Resp: 438794

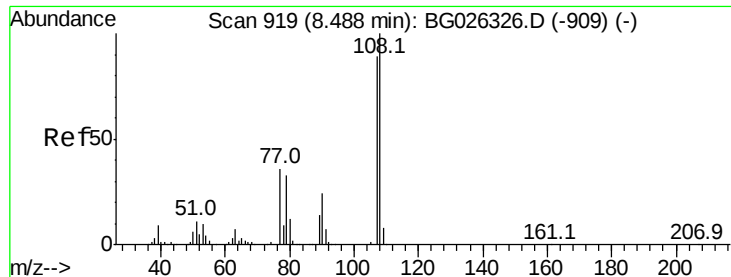
Ion Ratio Lower Upper

45 100

77 18.6 0.0 30.6

79 14.3 0.0 28.5





#17

2-Methylphenol

Concen: 52.02 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

Tot Ion:107 Resp: 425805

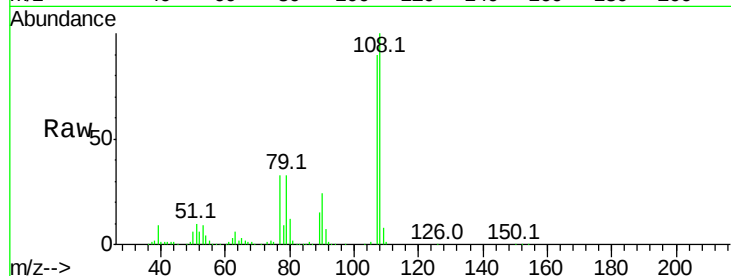
Ion Ratio Lower Upper

107 100

108 110.7 85.6 128.4

77 36.9 51.4 77.2#

79 36.3 49.2 73.8#



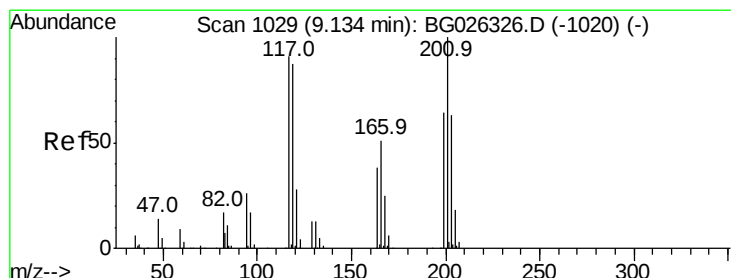
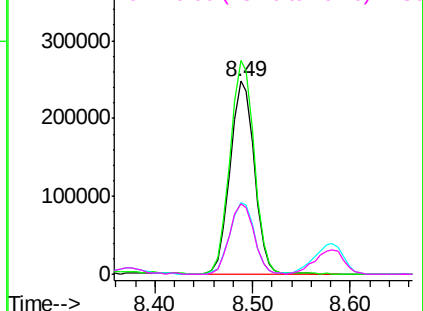
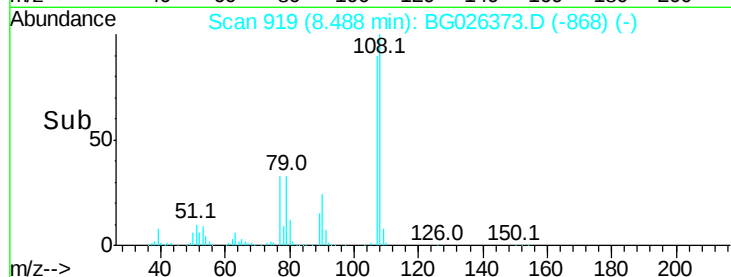
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 46.38 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

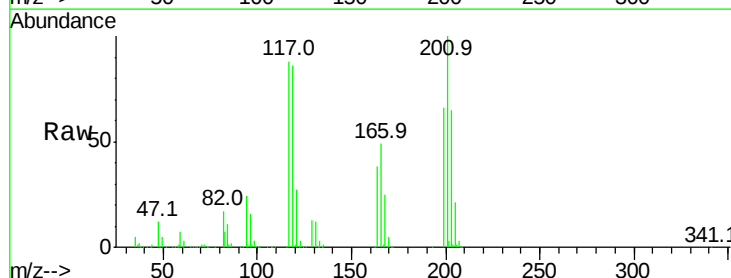
Tgt Ion:117 Resp: 165447

Ion Ratio Lower Upper

117 100

119 97.1 69.8 104.6

201 113.5 95.4 143.0

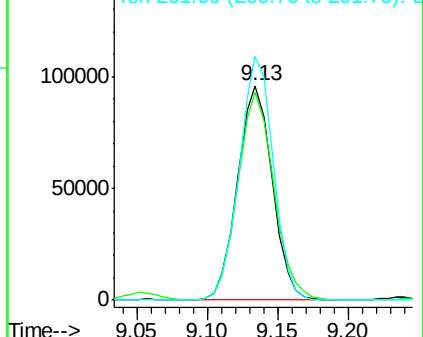
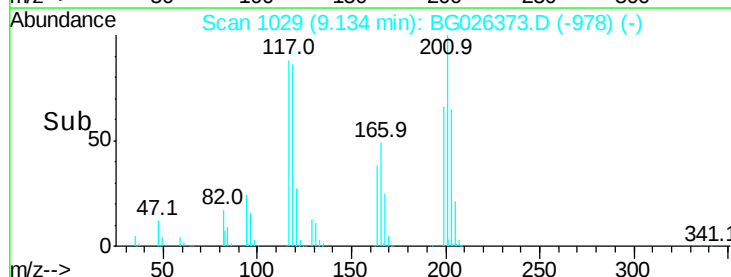


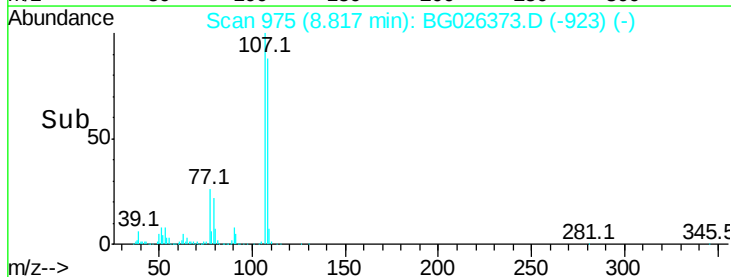
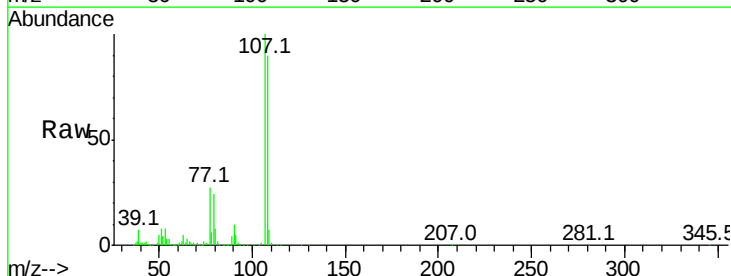
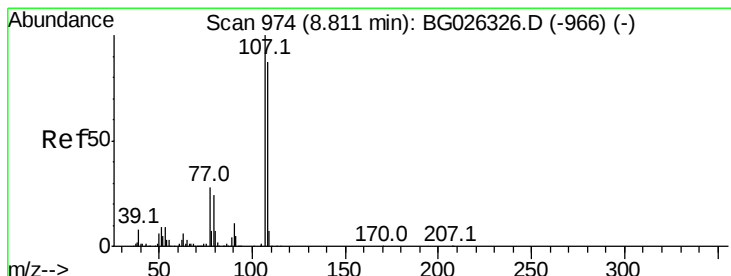
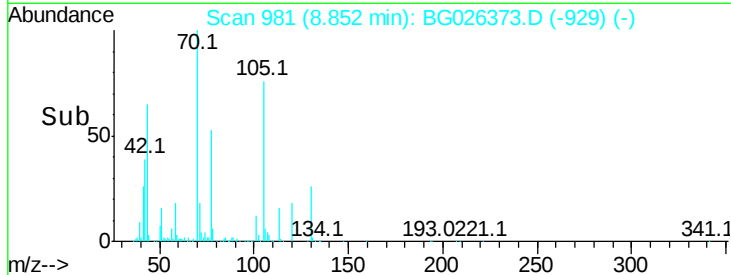
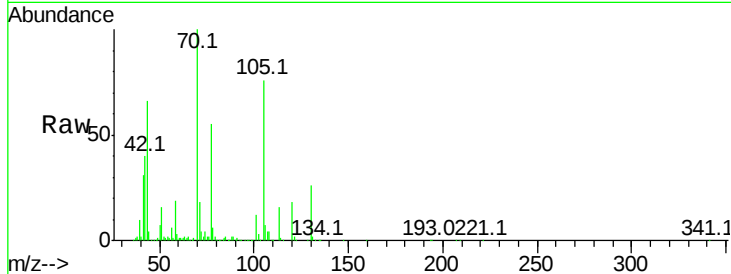
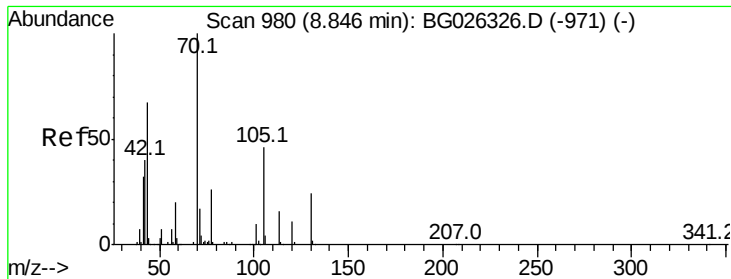
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

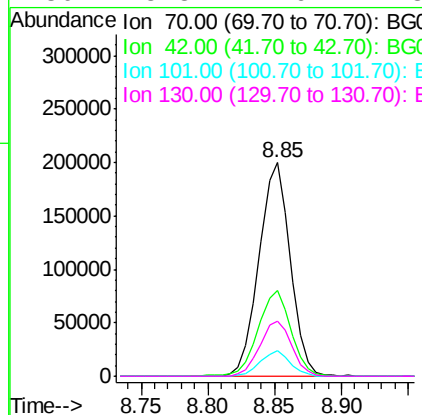




#19
n-Nitroso-di-n-propylamine
Concen: 46.41 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

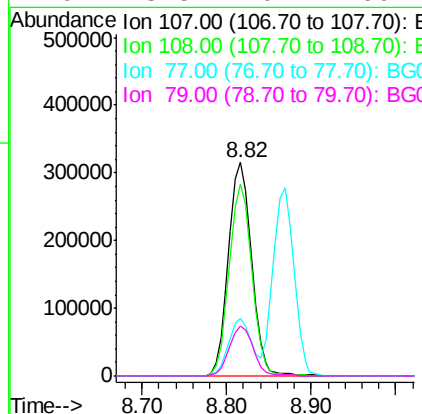
Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

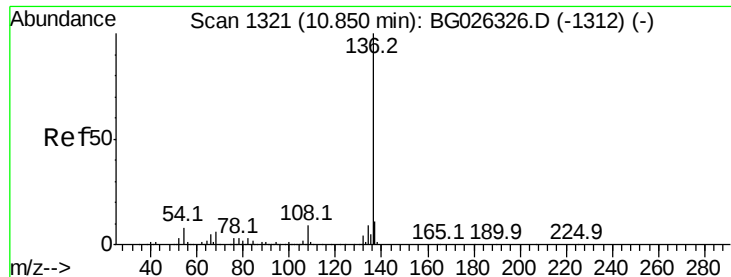
Tot Ion: 70 Resp: 322196
Ion Ratio Lower Upper
70 100
42 39.9 56.1 84.1#
101 12.0 7.5 11.3#
130 25.8 14.6 21.8#



#20
3+4-Methylphenols
Concen: 52.97 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:107 Resp: 596928
Ion Ratio Lower Upper
107 100
108 90.2 70.8 110.8
77 27.0 25.8 65.8
79 23.5 20.1 60.1

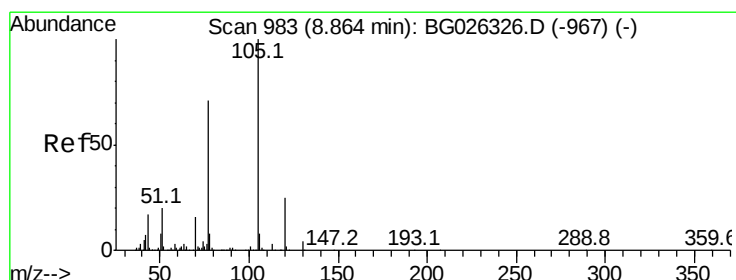
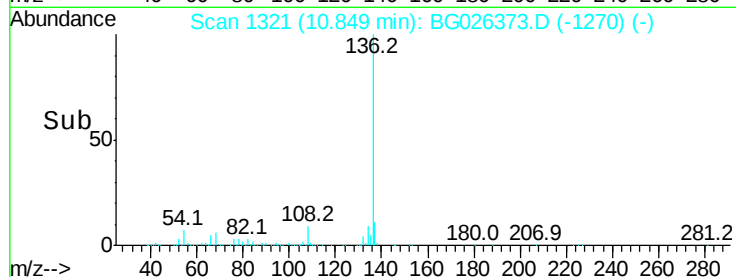
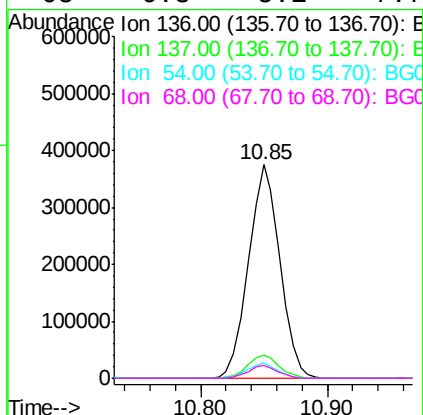
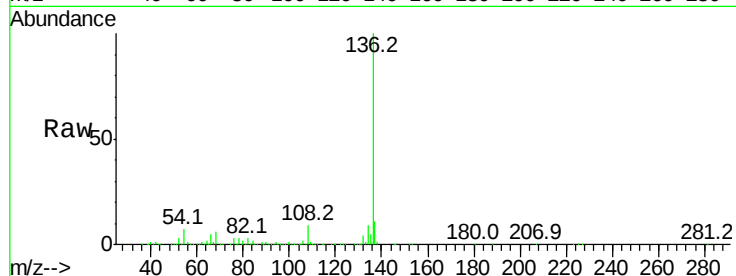




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

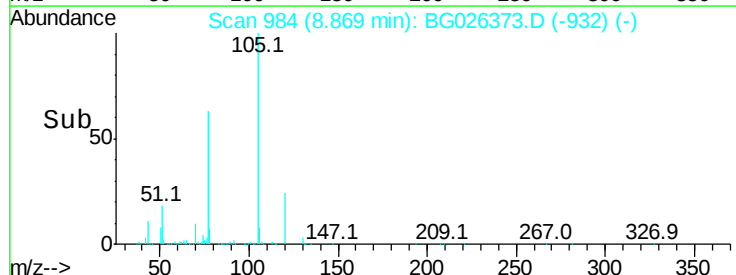
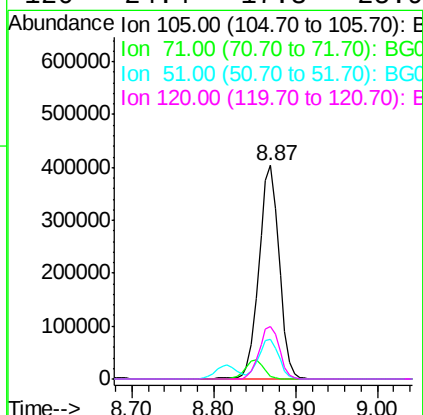
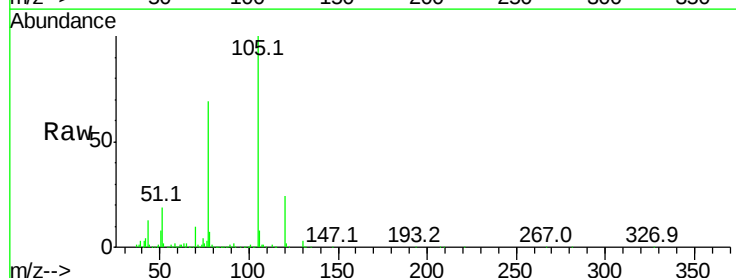
Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

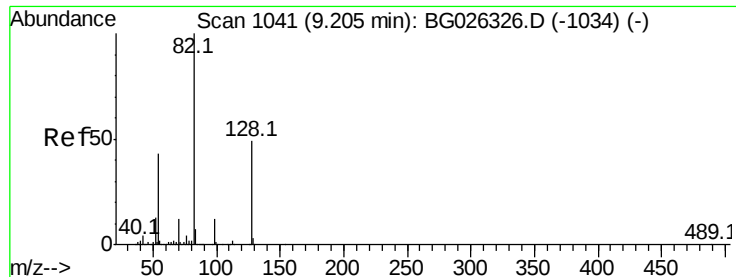
Tot Ion:	136	Resp:	645738
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	9.3	13.9#
68	6.3	5.1	7.7



#22
Acetophenone
Concen: 46.79 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:	105	Resp:	694842
Ion	Ratio	Lower	Upper
105	100		
71	1.5	0.9	1.3#
51	18.6	34.0	51.0#
120	24.4	17.3	25.9

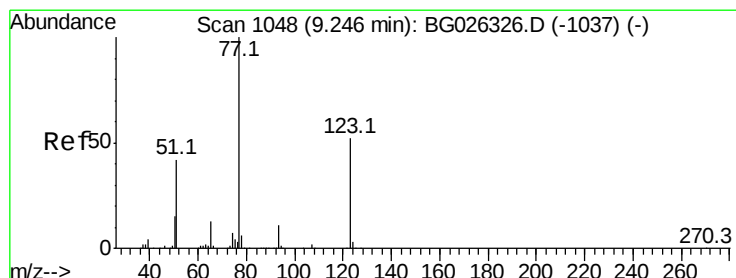
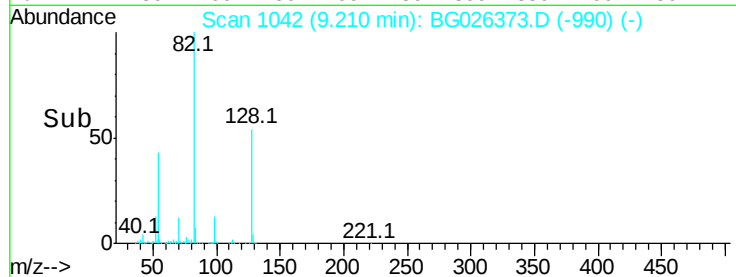
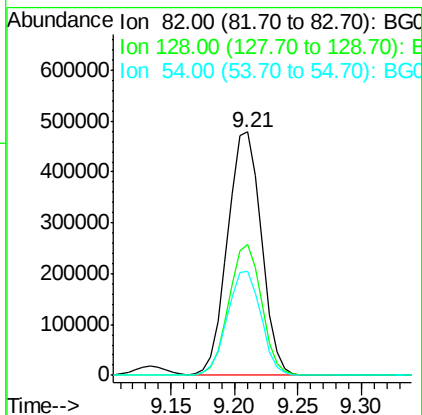
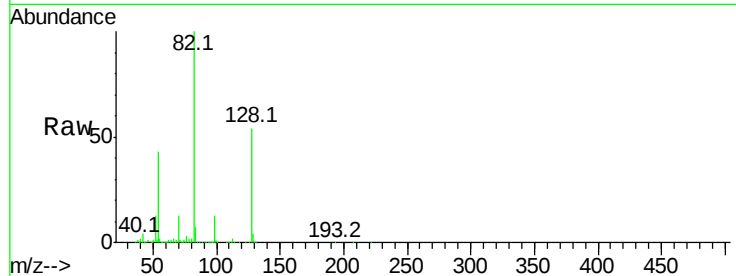




#23
 Nitrobenzene-d5
 Concen: 82.27 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

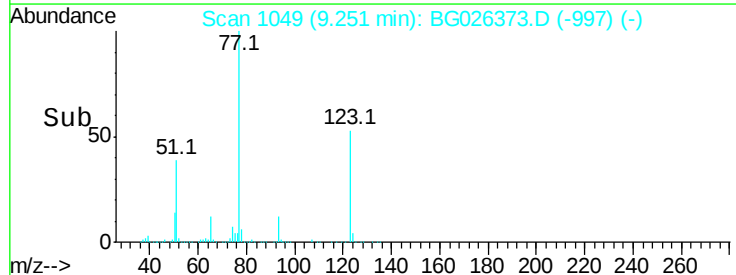
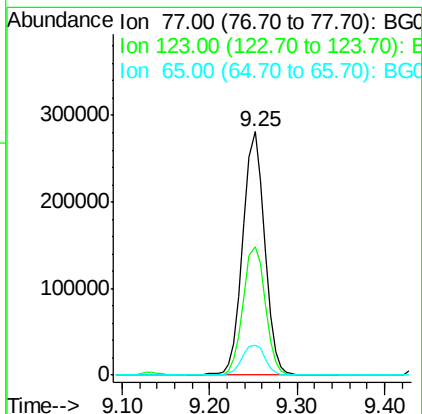
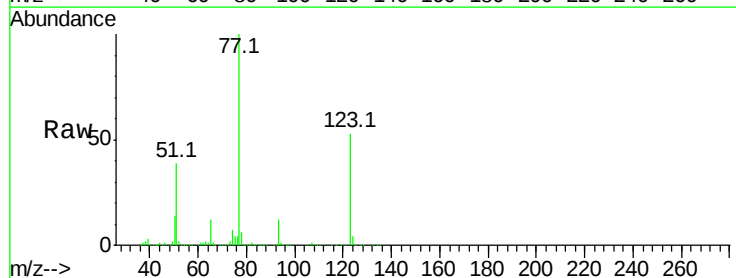
Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

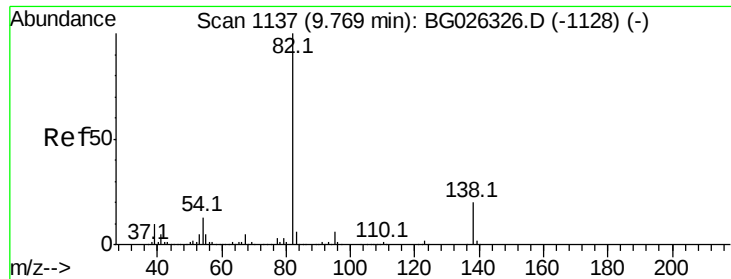
Tot Ion	82	Resp	883575
Ion	Ratio	Lower	Upper
82	100		
128	53.6	26.4	39.6#
54	42.7	49.4	74.2#



#24
 Nitrobenzene
 Concen: 44.31 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion	77	Resp	469818
Ion	Ratio	Lower	Upper
77	100		
123	52.9	26.1	39.1#
65	12.2	12.4	18.6#





#25

Isophorone

Concen: 46.01 ng

RT: 9.77 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

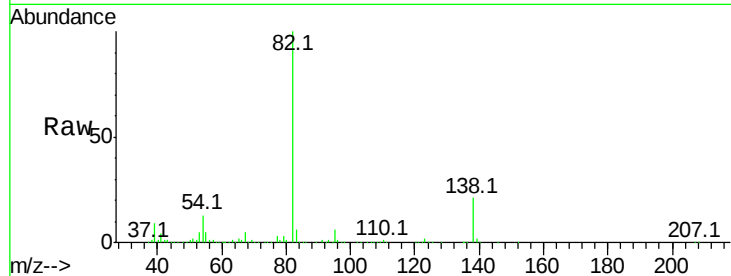
Tot Ion: 82 Resp: 931232

Ion Ratio Lower Upper

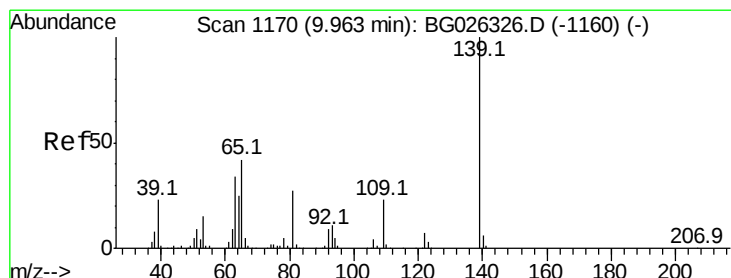
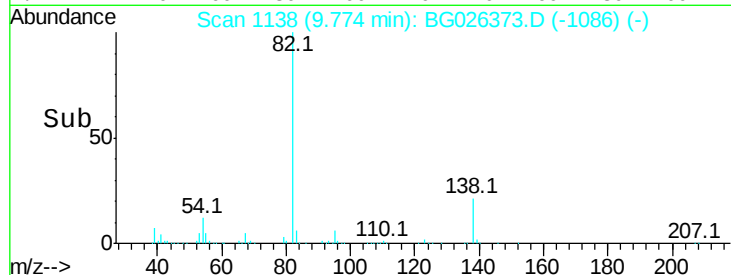
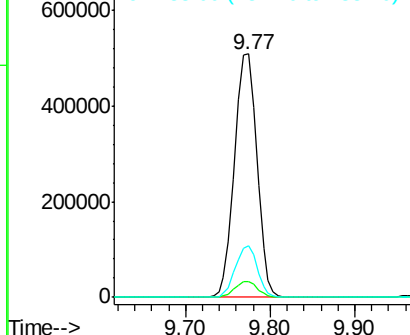
82 100

95 6.5 7.5 11.3#

138 21.1 12.3 18.5#



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



#26

2-Nitrophenol

Concen: 52.06 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

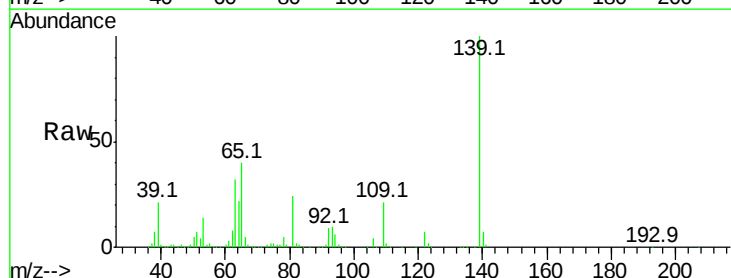
Tgt Ion: 139 Resp: 287228

Ion Ratio Lower Upper

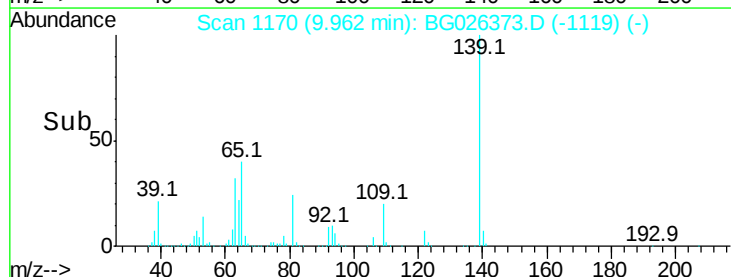
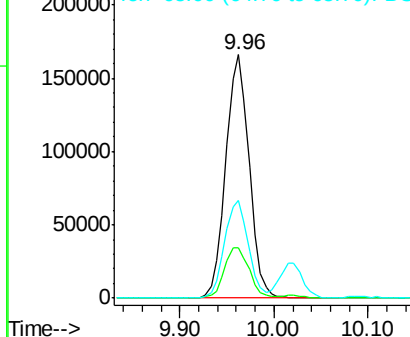
139 100

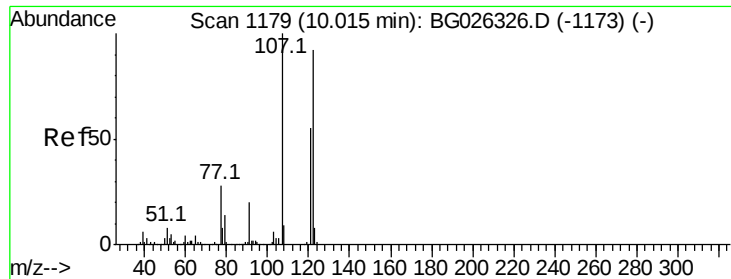
109 20.5 38.6 58.0#

65 40.3 57.1 85.7#



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

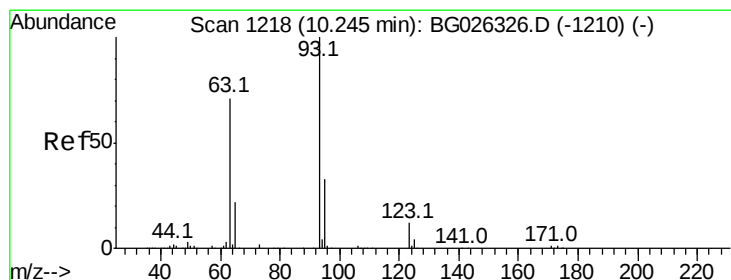
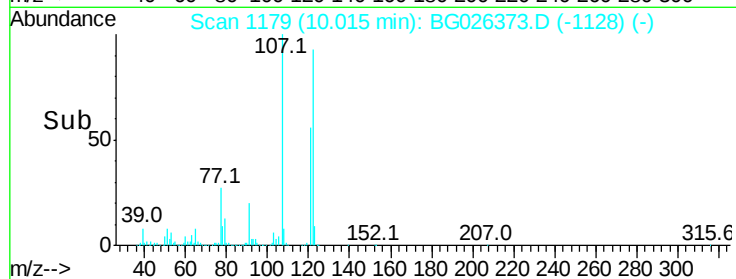
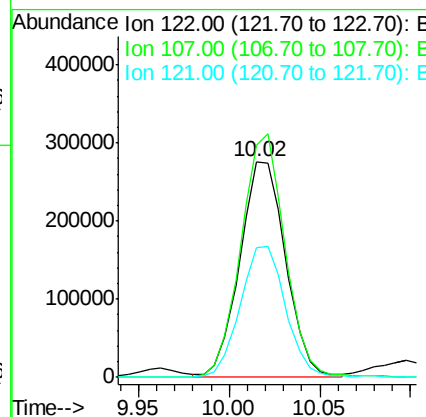
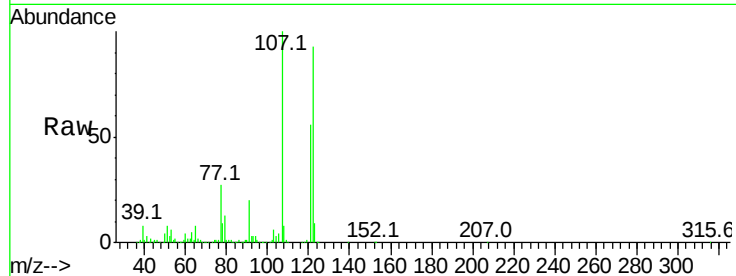




#27
 2,4-Dimethylphenol
 Concen: 53.58 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

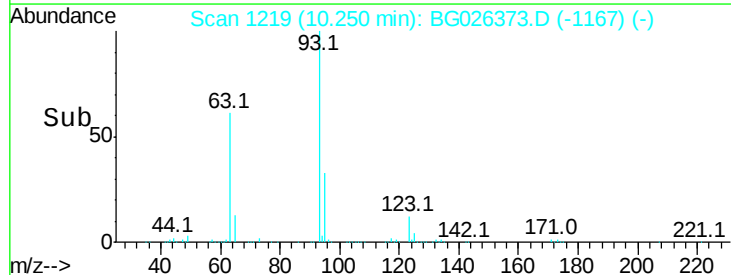
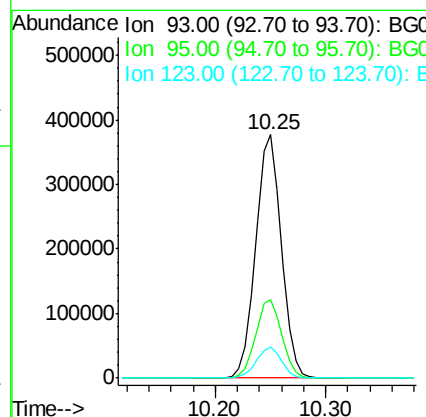
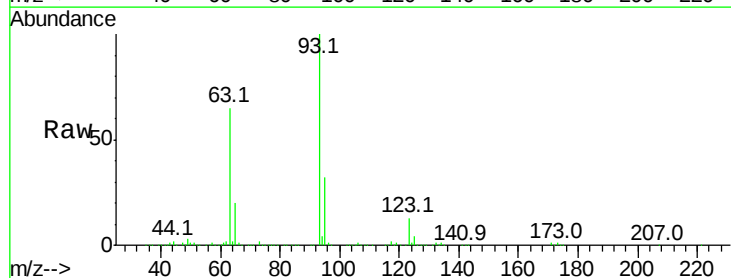
Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

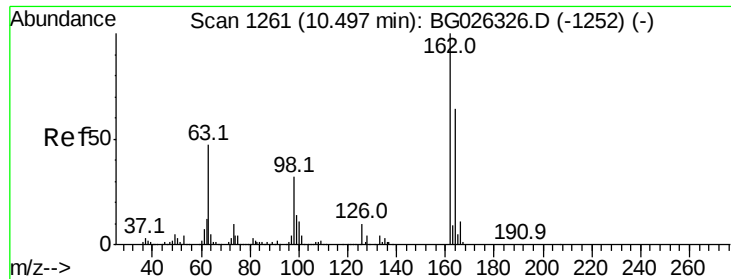
Tot Ion:122 Resp: 485256
 Ion Ratio Lower Upper
 122 100
 107 107.5 104.2 156.4
 121 60.2 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.71 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion: 93 Resp: 614236
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.7 38.5
 123 12.6 8.3 12.5#

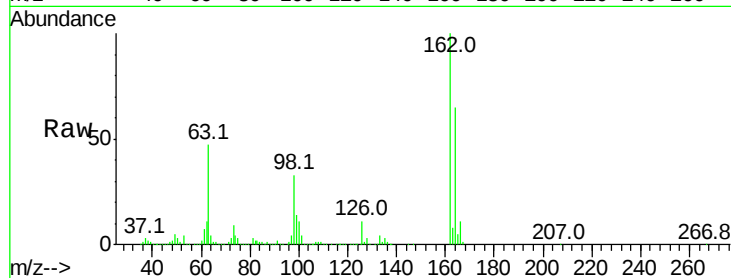




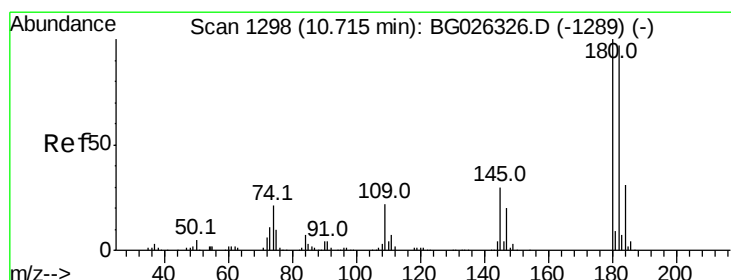
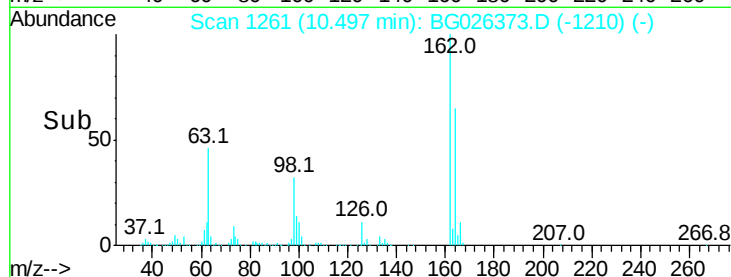
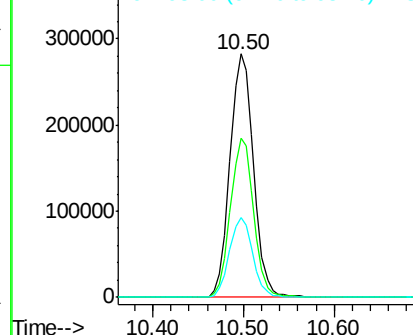
#29
2,4-Dichlorophenol
Concen: 55.71 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.4	82.4
98	32.5	20.3	60.3

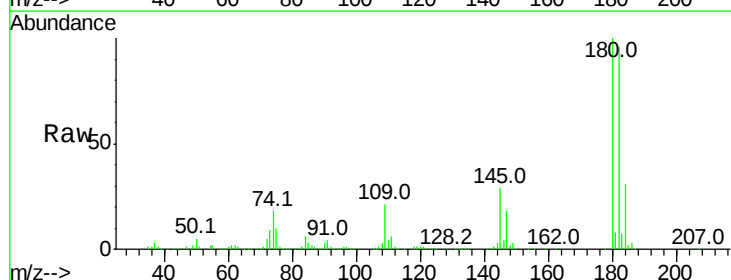


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

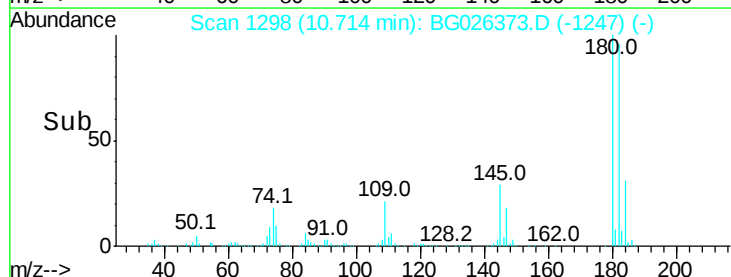
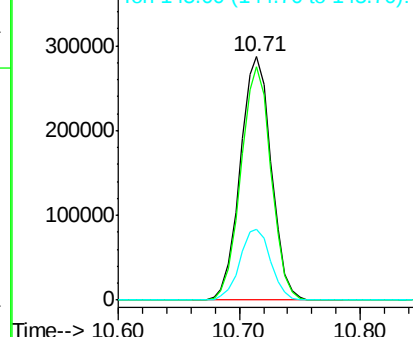


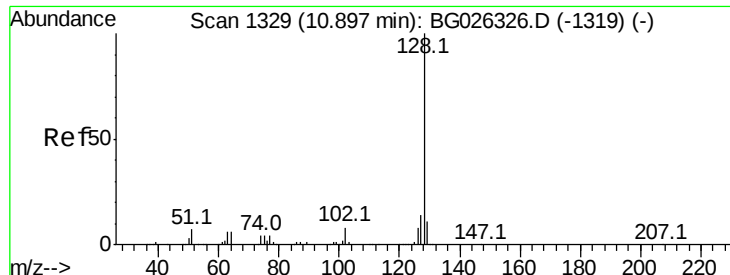
#30
1,2,4-Trichlorobenzene
Concen: 49.84 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.0	115.4
145	29.3	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

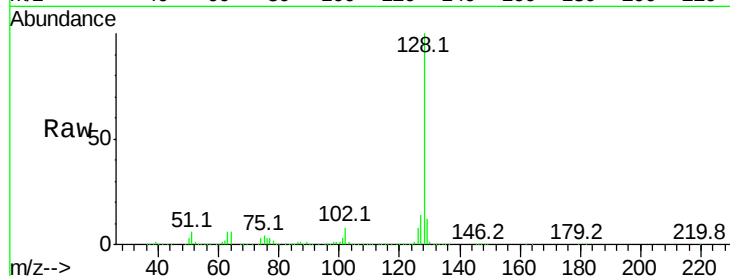




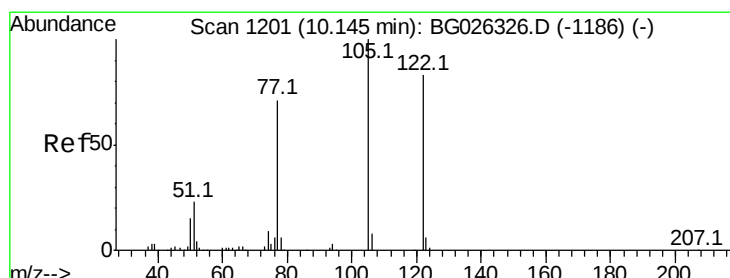
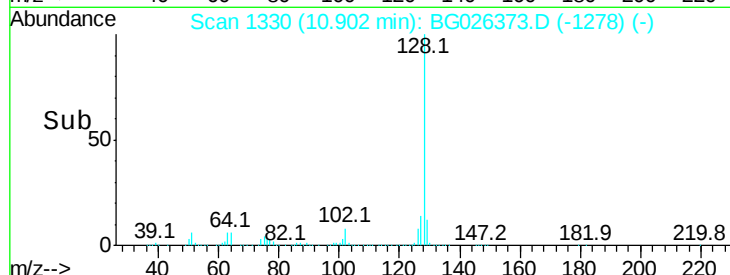
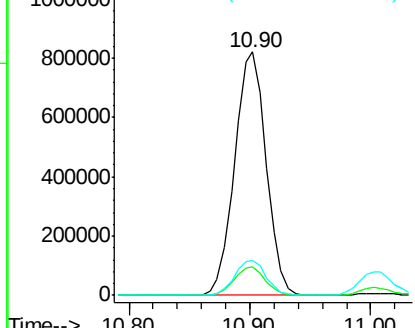
#31
Naphthalene
Concen: 45.66 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion:128 Resp: 1490611
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 14.3 11.4 17.0

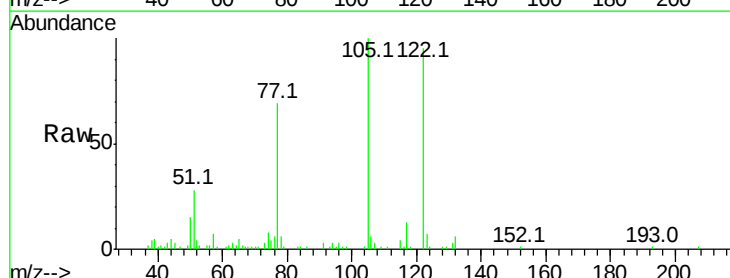


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

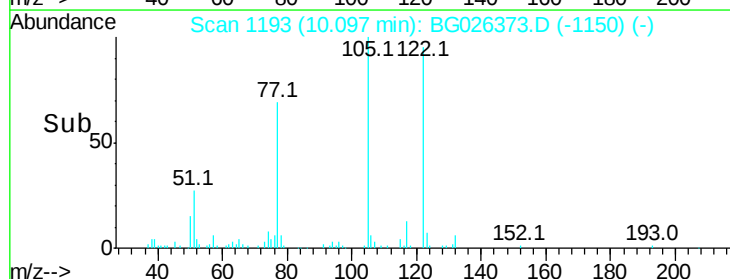
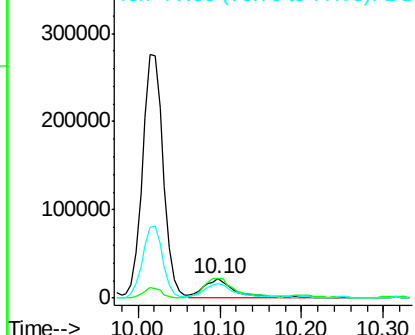


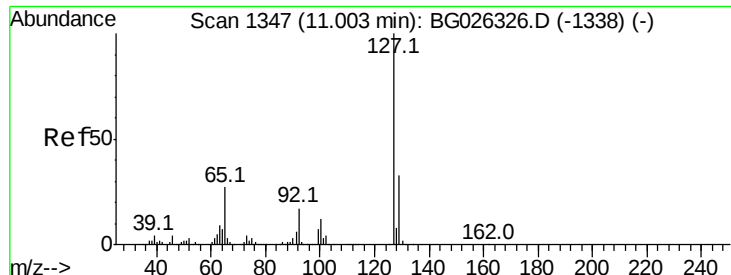
#32
Benzoic acid
Concen: 8.72 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.05 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:122 Resp: 60781
Ion Ratio Lower Upper
122 100
105 104.8 120.1 160.1#
77 72.4 104.6 144.6#



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

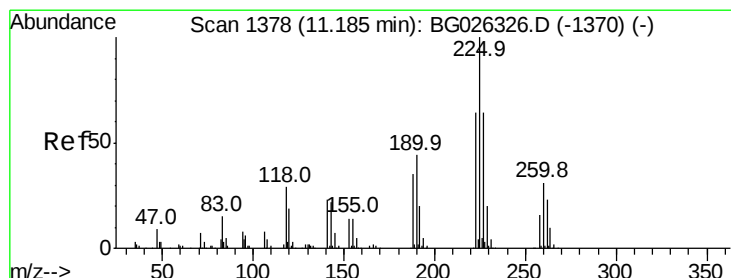
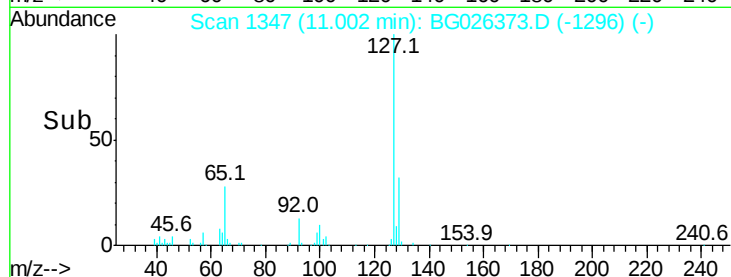
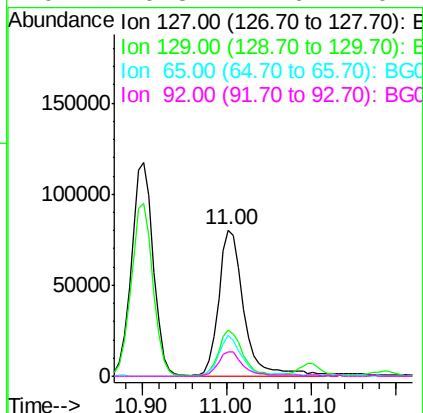
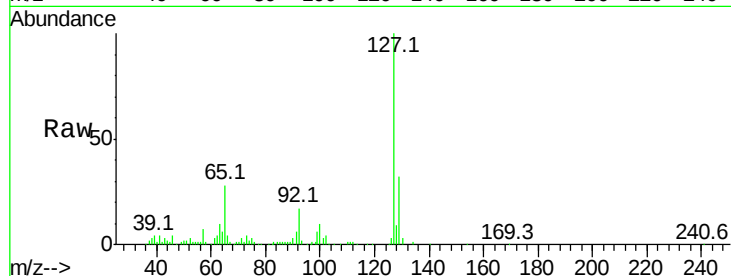




#33
4-Chloroaniline
Concen: 12.41 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

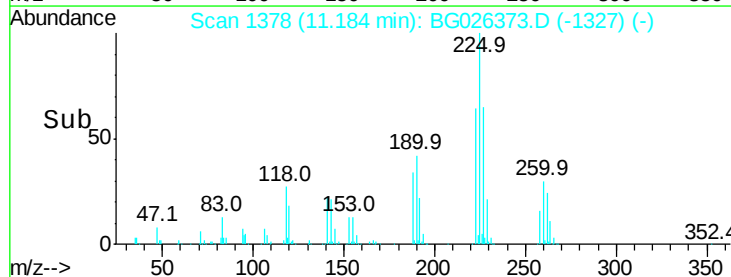
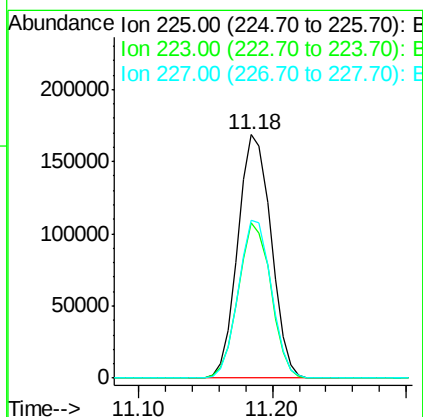
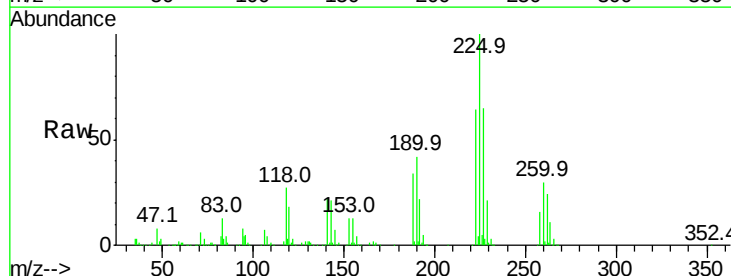
Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

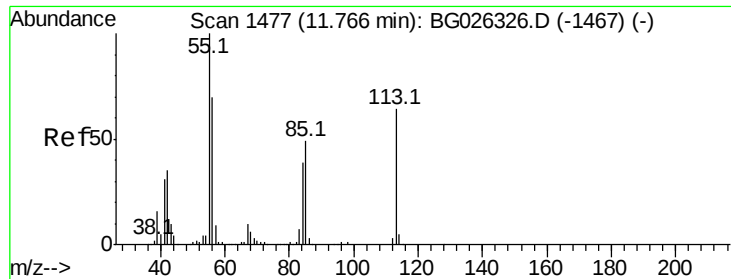
Tot Ion:127	Resp:	164736	
Ion Ratio	Lower	Upper	
127 100			
129 31.9	23.6	35.4	
65 27.9	37.7	56.5#	
92 16.8	17.6	26.4#	



#34
Hexachlorobutadiene
Concen: 47.89 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	225	Resp: Lower	290725 Upper
	Ratio		
225	100		
223	63.8	50.7	76.1
227	64.8	49.0	73.6





#35

Caprolactam

Concen: 27.52 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

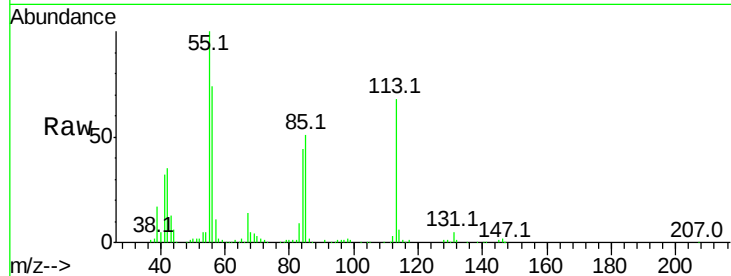
Tot Ion:113 Resp: 99315

Ion Ratio Lower Upper

113 100

55 146.7 198.6 238.6#

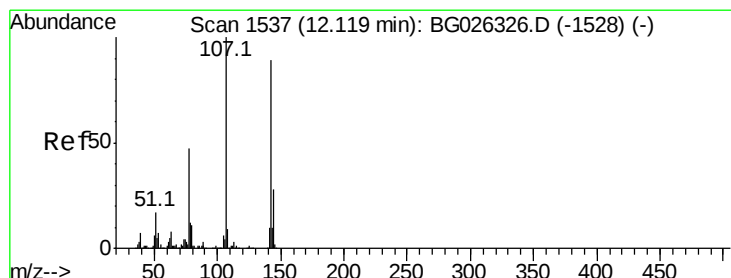
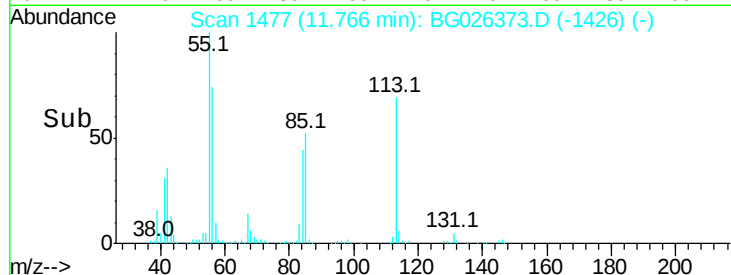
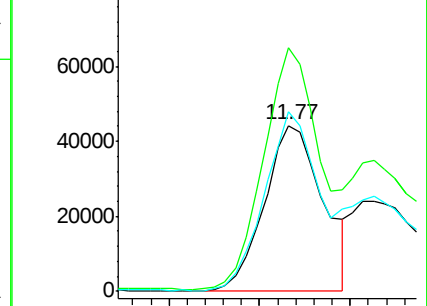
56 108.6 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG026373.D (-1467) (-)

Ion 56.00 (55.70 to 56.70): BG026373.D (-1467) (-)



#36

4-Chloro-3-methylphenol

Concen: 51.50 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

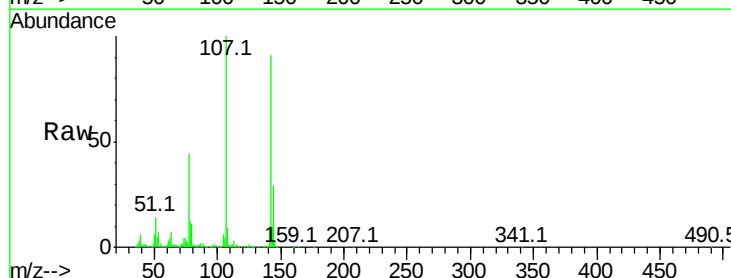
Tgt Ion:107 Resp: 504552

Ion Ratio Lower Upper

107 100

144 29.2 17.4 26.0#

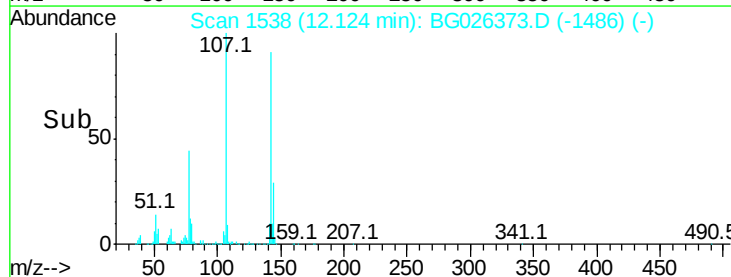
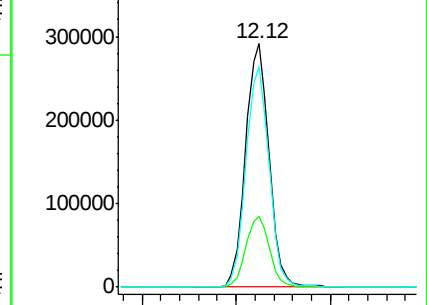
142 90.8 54.1 81.1#

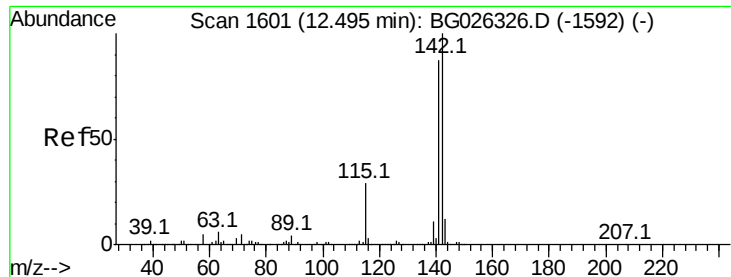


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): BG026373.D (-1486) (-)

Ion 142.00 (141.70 to 142.70): BG026373.D (-1486) (-)

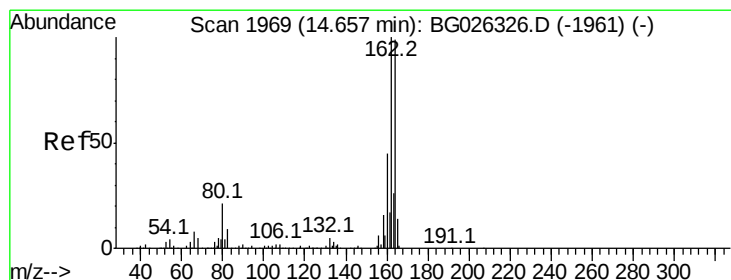
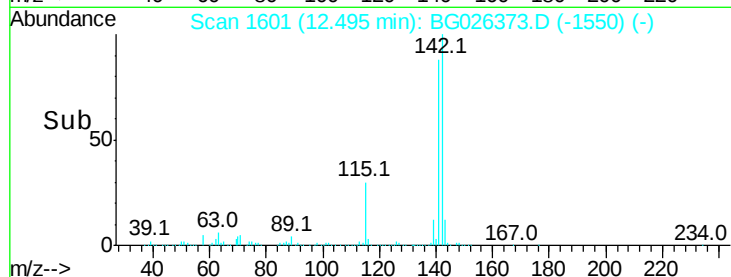
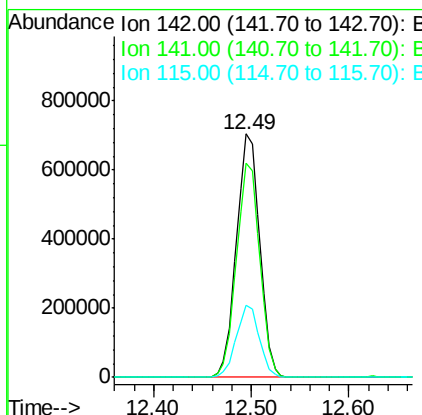
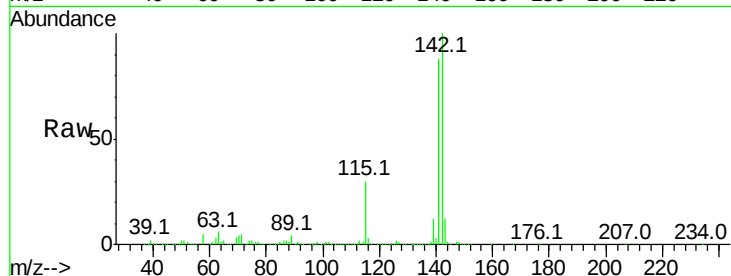




#37
2-Methylnaphthalene
Concen: 48.71 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

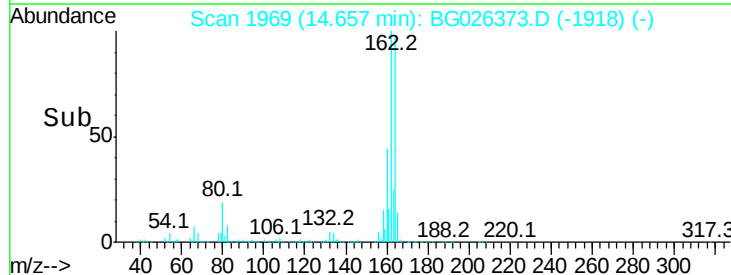
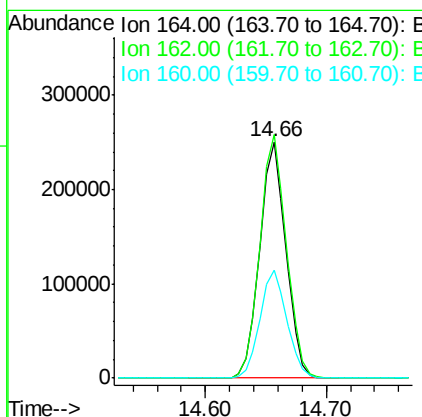
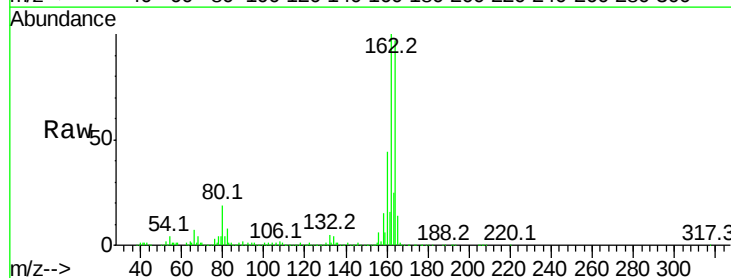
Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

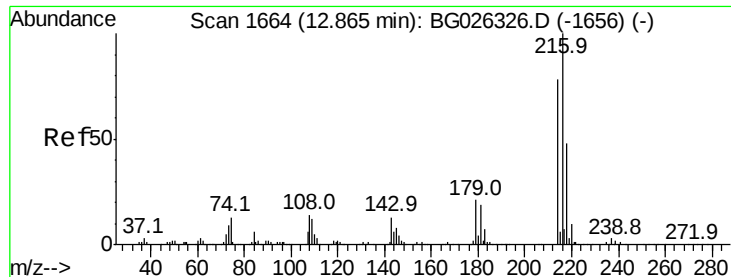
Tot Ion:142 Resp: 1164923
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6
115 29.6 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:164 Resp: 376962
Ion Ratio Lower Upper
164 100
162 103.0 85.1 127.7
160 45.8 34.7 52.1

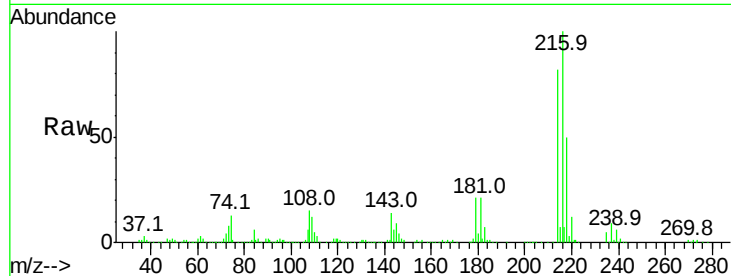




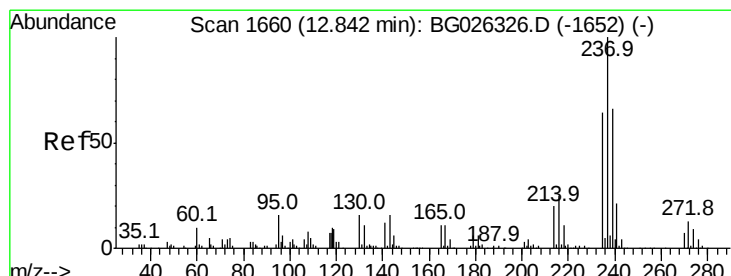
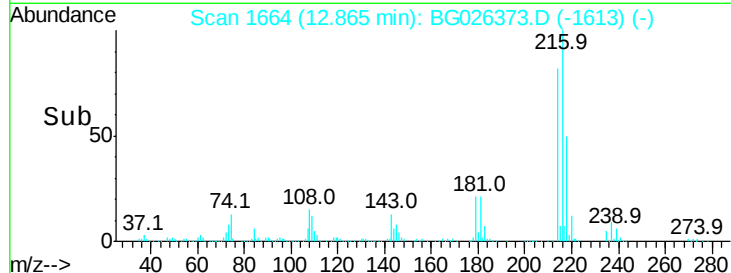
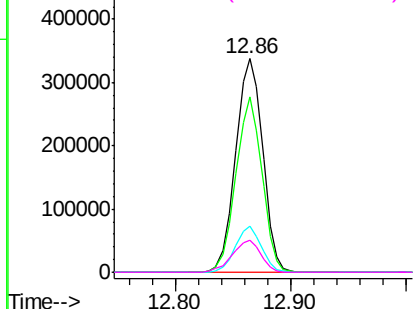
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.14 ng
 RT: 12.86 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Tot Ion:	216	Resp:	545991
Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.4	96.6
179	20.7	17.4	26.0
108	16.2	15.6	23.4

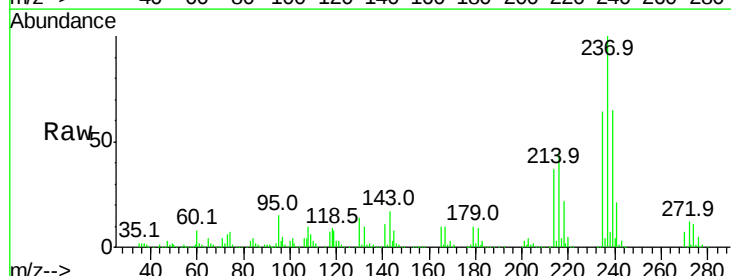


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

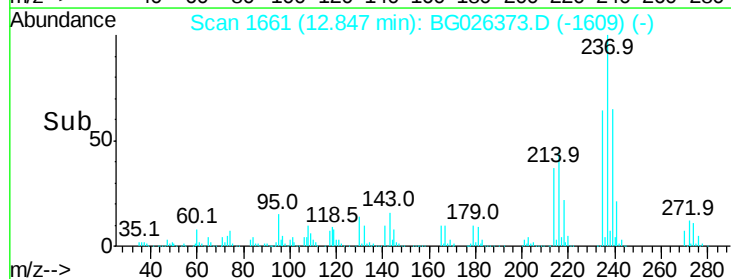
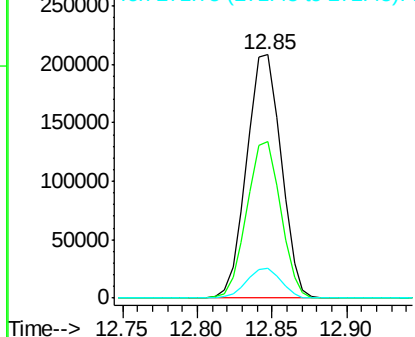


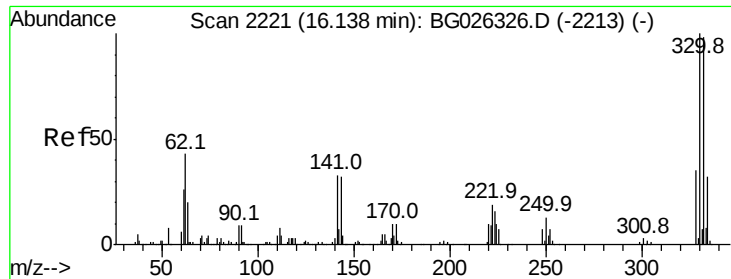
#40
 Hexachlorocyclopentadiene
 Concen: 55.78 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. 0.01 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion:	237	Resp:	332993
Ion	Ratio	Lower	Upper
237	100		
235	64.4	39.4	79.4
272	12.3	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

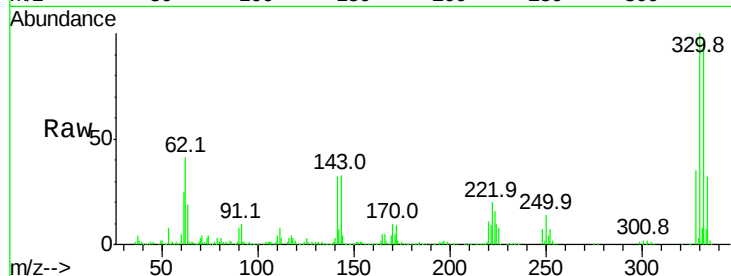




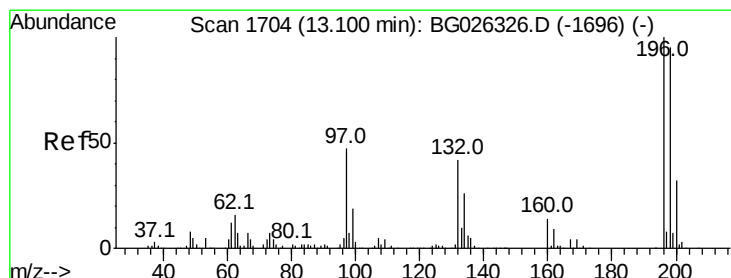
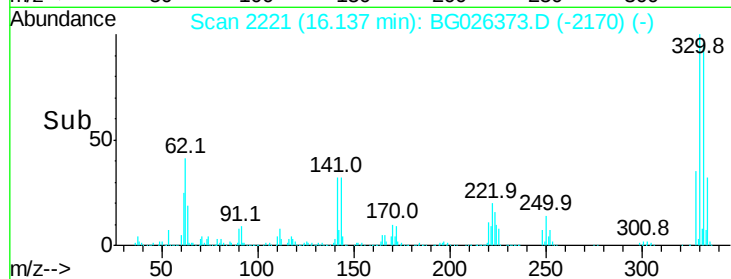
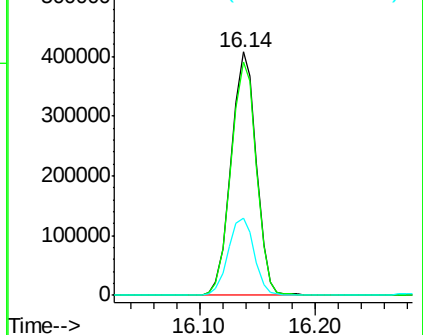
#41
 2,4,6-Tribromophenol
 Concen: 142.08 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	32.3	32.1	48.1

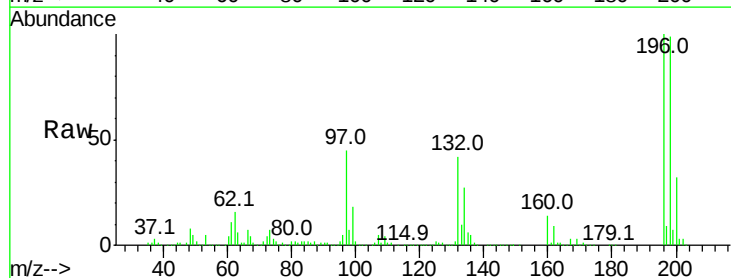


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

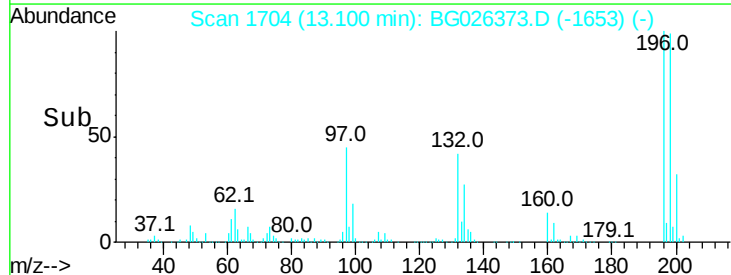
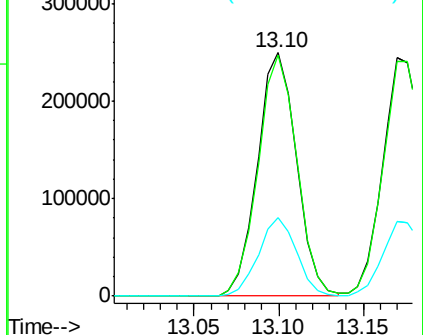


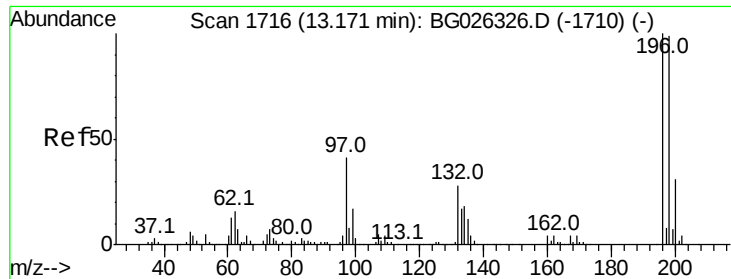
#42
 2,4,6-Trichlorophenol
 Concen: 53.89 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	81.4	122.2
200	32.1	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

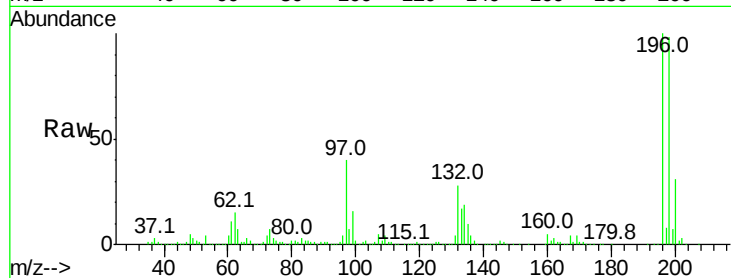




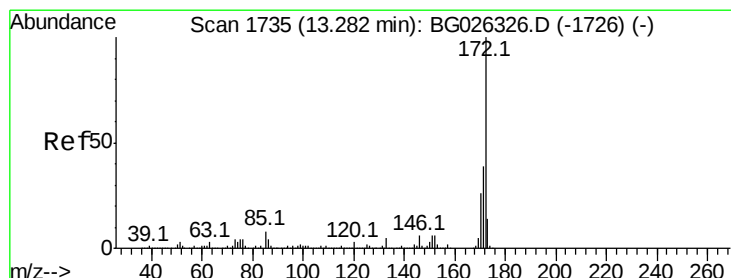
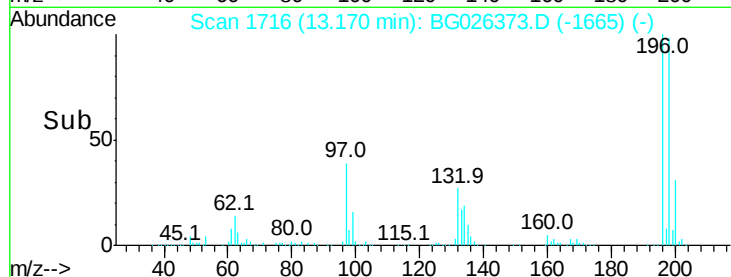
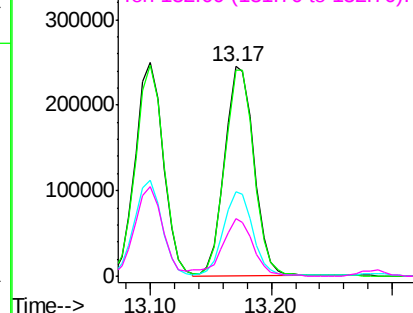
#43
 2,4,5-Trichlorophenol
 Concen: 50.19 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	79.9	119.9
97	40.1	45.4	68.0
132	27.6	20.7	31.1

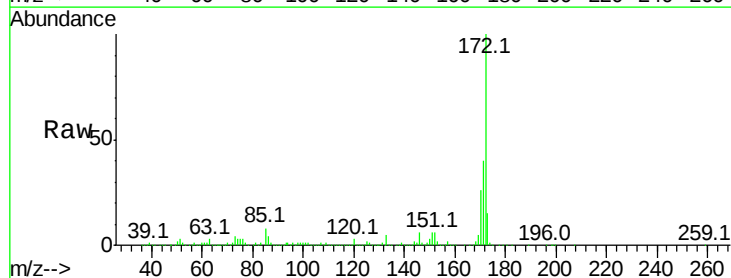


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

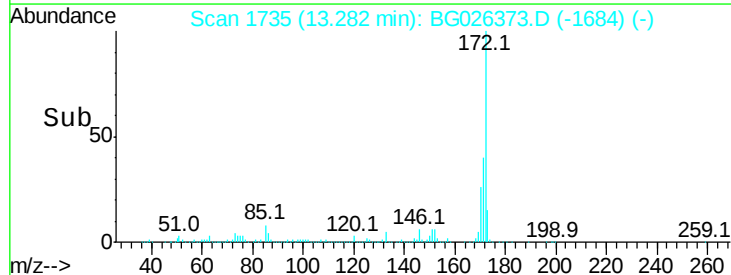
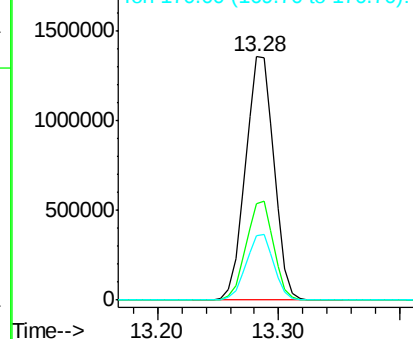


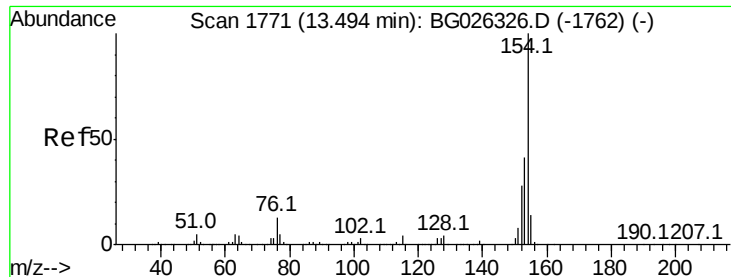
#44
 2-Fluorobiphenyl
 Concen: 83.11 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	32.2	48.2
170	26.3	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: 46.32 ng

RT: 13.49 min Scan# 1771

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

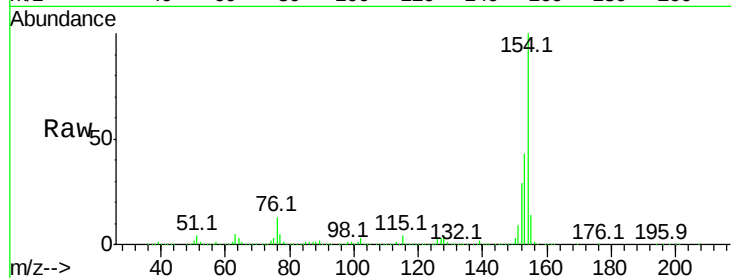
Tot Ion:154 Resp: 1446085

Ion Ratio Lower Upper

154 100

153 42.9 23.0 63.0

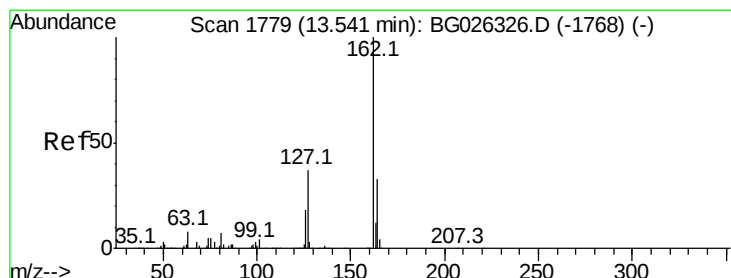
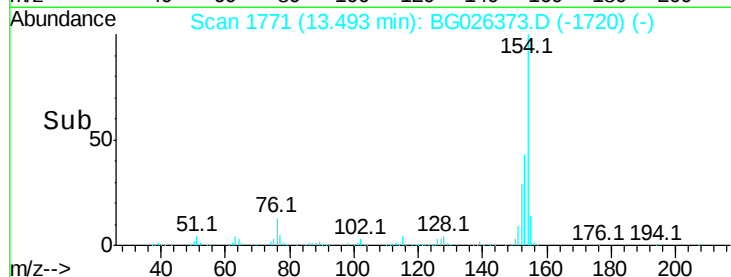
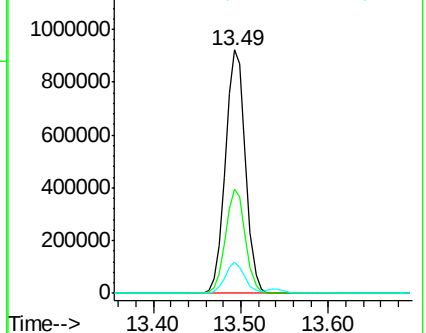
76 13.0 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 48.06 ng

RT: 13.54 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

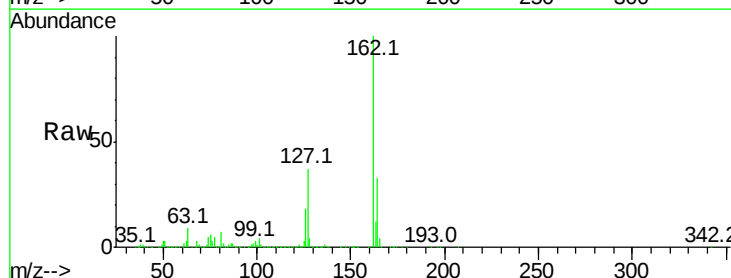
Tgt Ion:162 Resp: 1095805

Ion Ratio Lower Upper

162 100

127 36.6 32.2 48.4

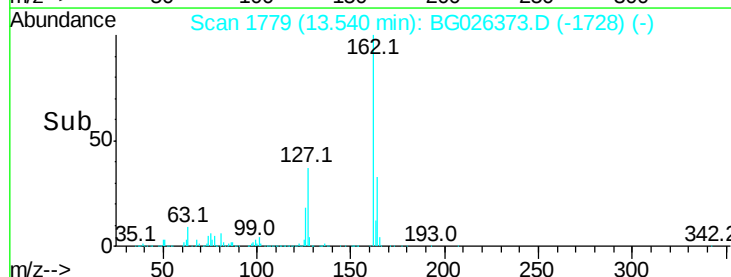
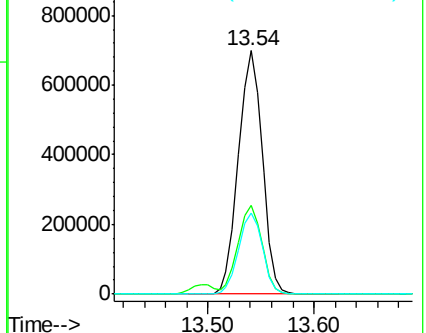
164 33.2 27.3 40.9

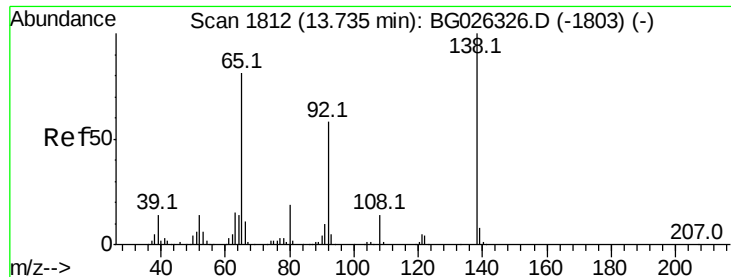


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

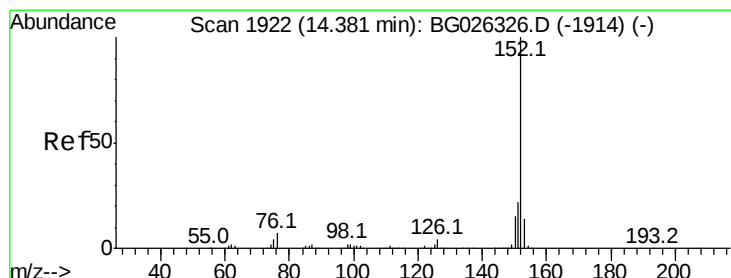
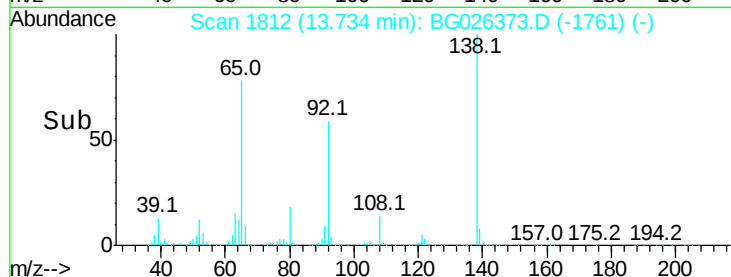
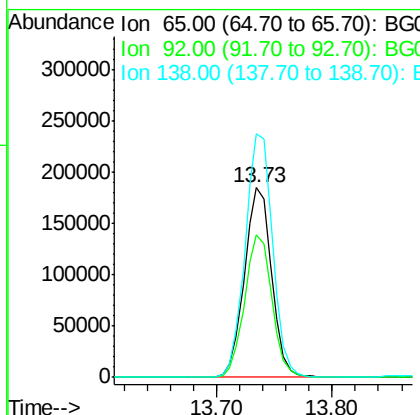
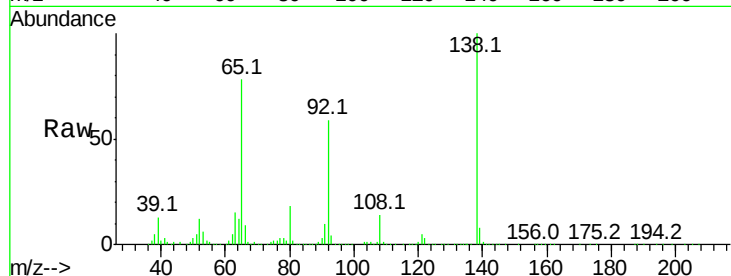




#47
2-Nitroaniline
Concen: 46.80 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

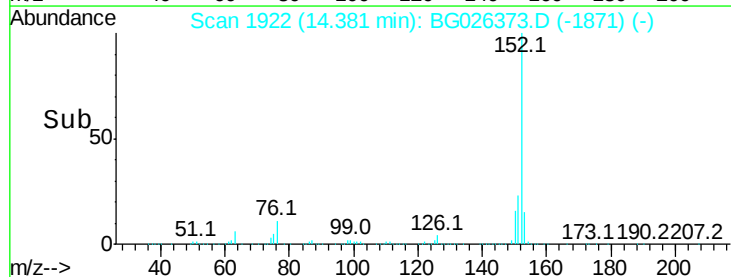
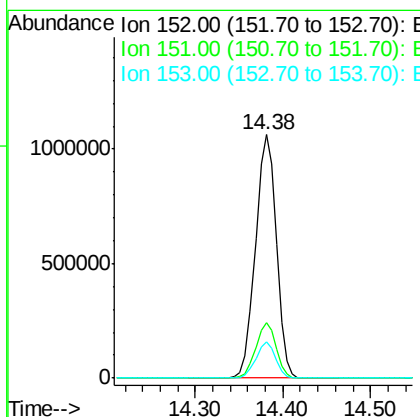
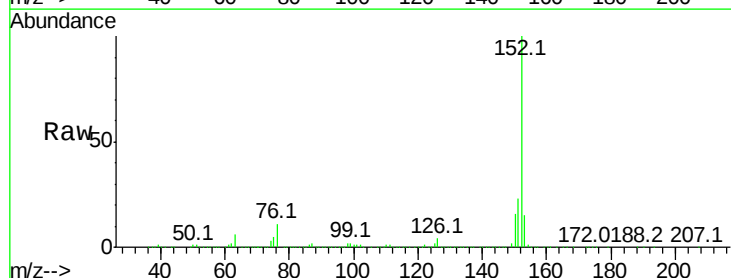
Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

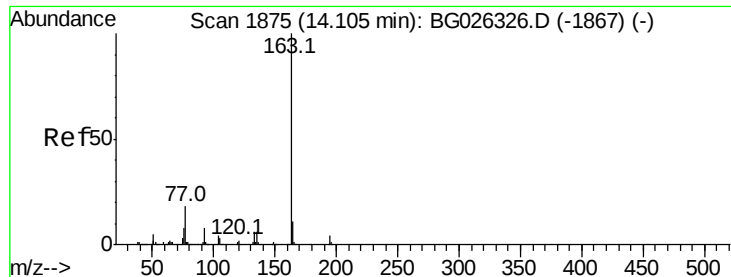
Tot Ion: 65 Resp: 303482
Ion Ratio Lower Upper
65 100
92 75.4 49.0 73.4#
138 128.3 58.6 87.8#



#48
Acenaphthylene
Concen: 43.51 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion: 152 Resp: 1729372
Ion Ratio Lower Upper
152 100
151 22.7 18.2 27.2
153 14.7 11.3 16.9

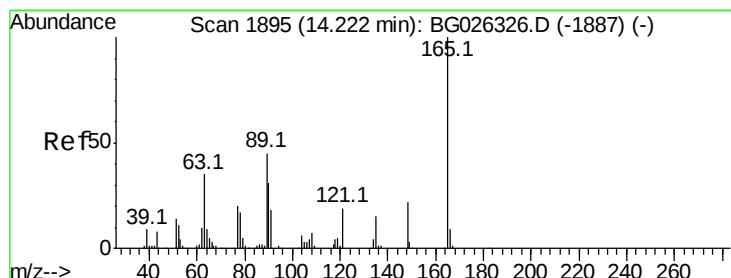
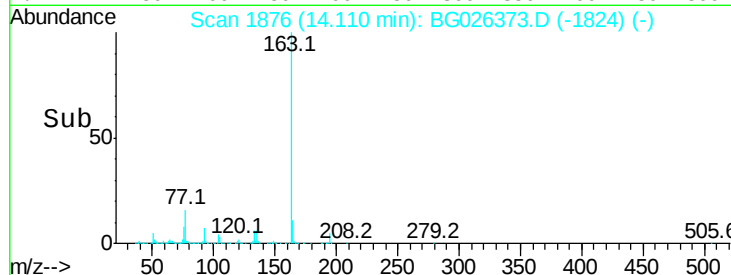
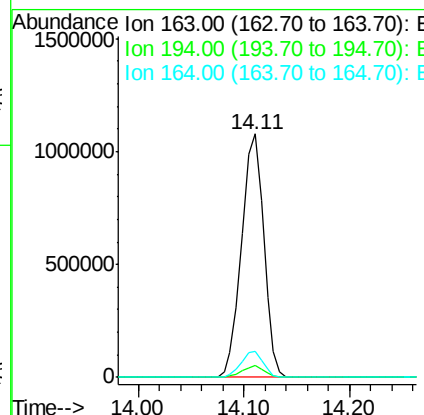
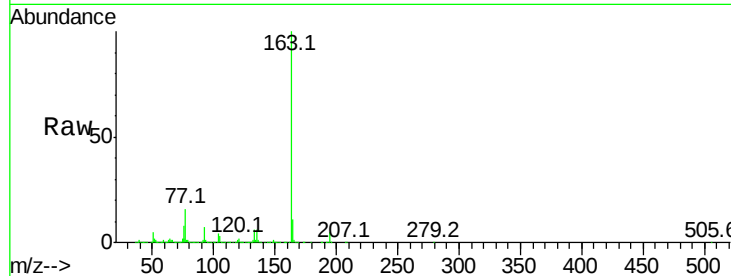




#49
Dimethylphthalate
Concen: 55.01 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

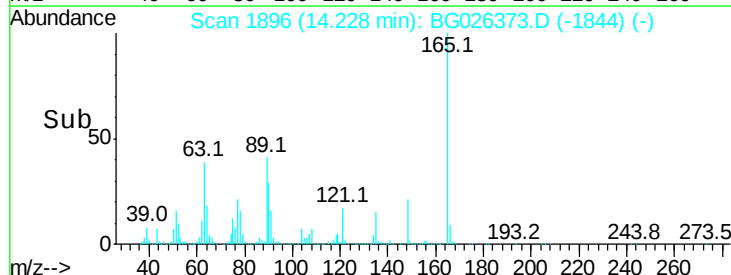
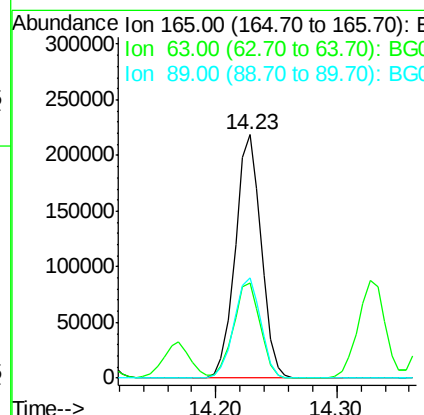
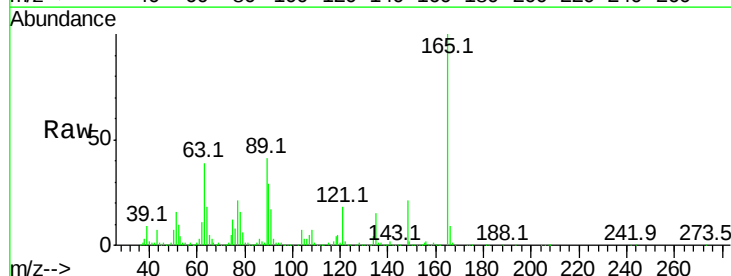
Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

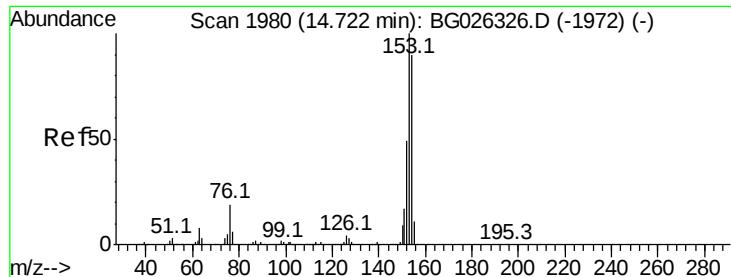
Tot Ion:163 Resp: 1565170
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.6
164 10.8 9.3 13.9



#50
2,6-Dinitrotoluene
Concen: 49.15 ng
RT: 14.23 min Scan# 1896
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:165 Resp: 326404
Ion Ratio Lower Upper
165 100
63 39.1 63.9 95.9#
89 41.4 58.6 88.0#





#51

Acenaphthene

Concen: 45.68 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

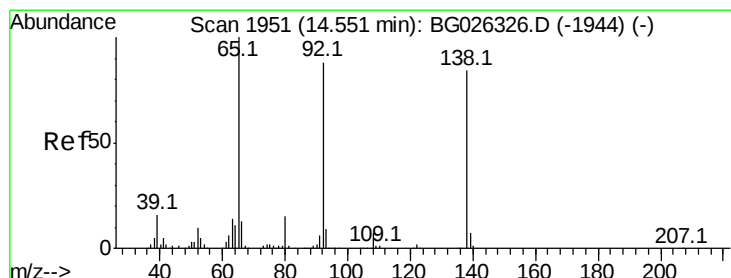
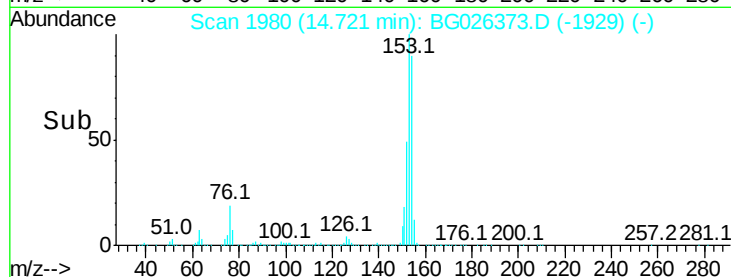
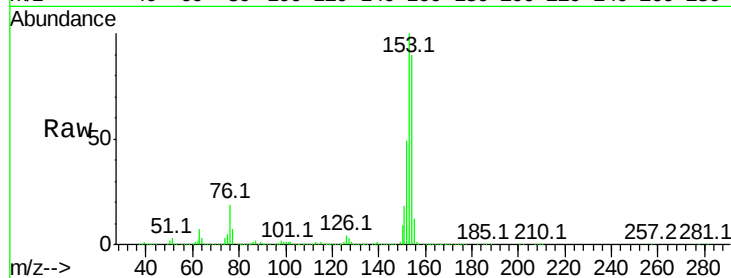
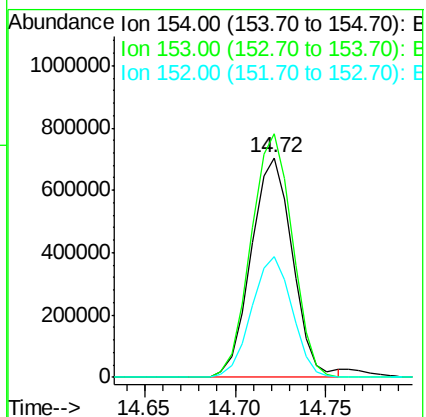
BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

Tot Ion:154 Resp: 1118109

Ion	Ratio	Lower	Upper
154	100		
153	111.0	87.8	131.6
152	54.9	42.2	63.4



#52

3-Nitroaniline

Concen: 26.63 ng

RT: 14.55 min Scan# 1951

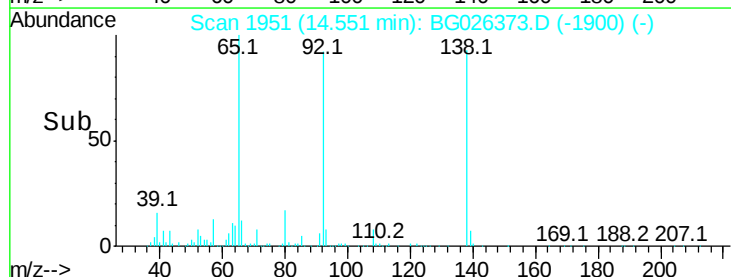
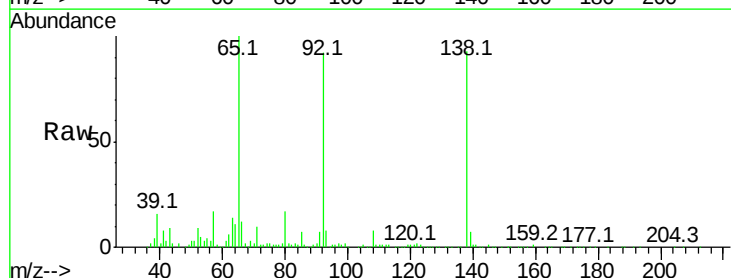
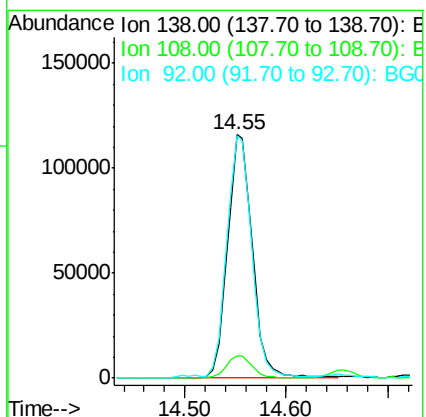
Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Tgt Ion:138 Resp: 194747

Ion	Ratio	Lower	Upper
138	100		
108	8.9	10.9	16.3#
92	99.5	115.3	172.9#

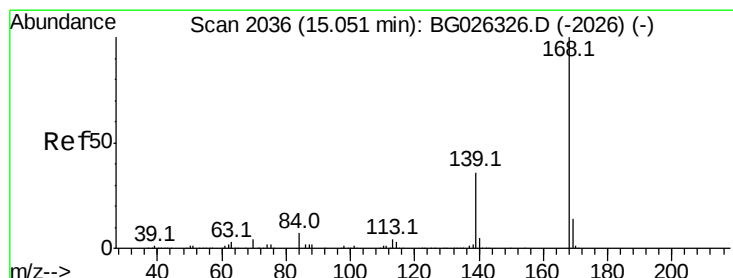
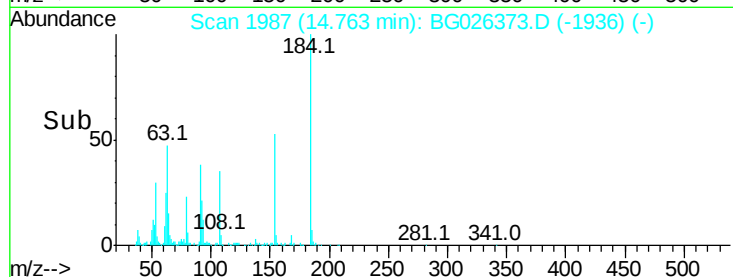
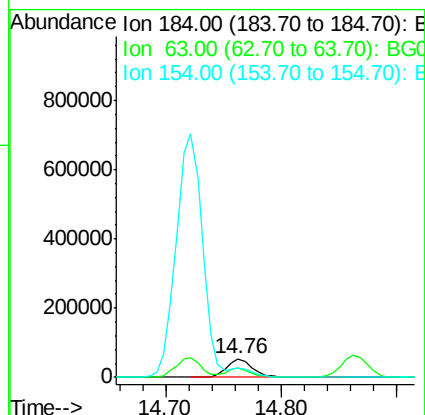
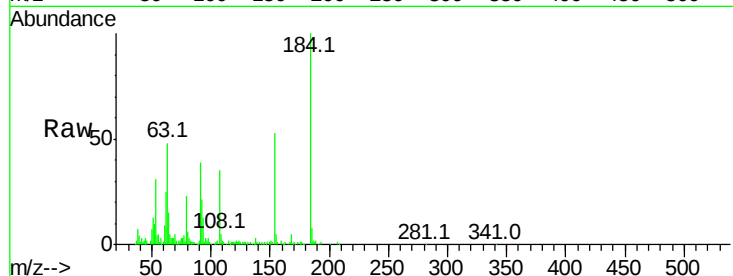




#53
2,4-Dinitrophenol
Concen: 22.08 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

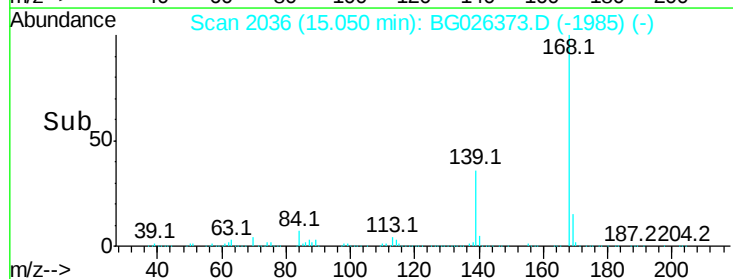
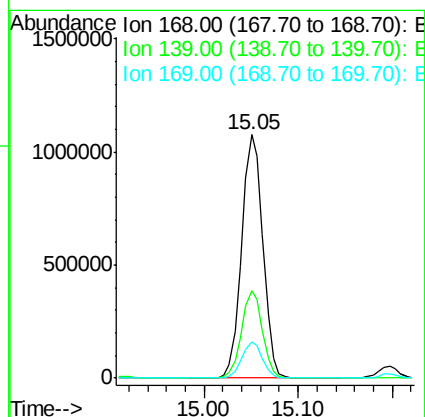
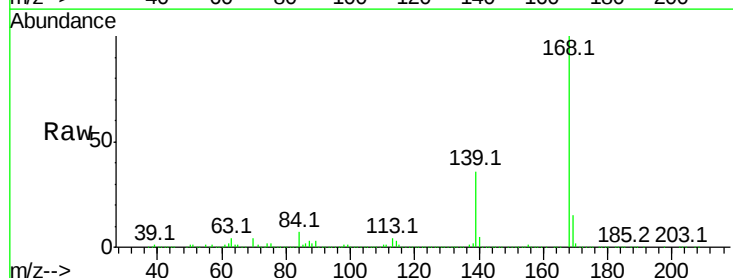
Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

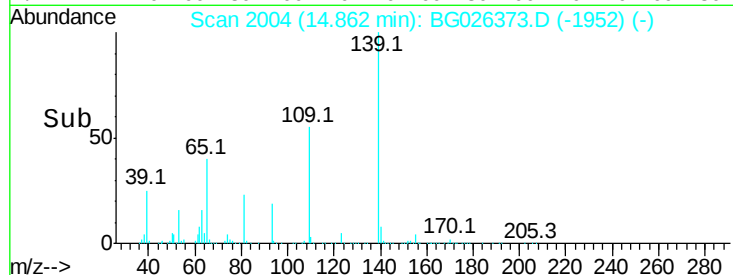
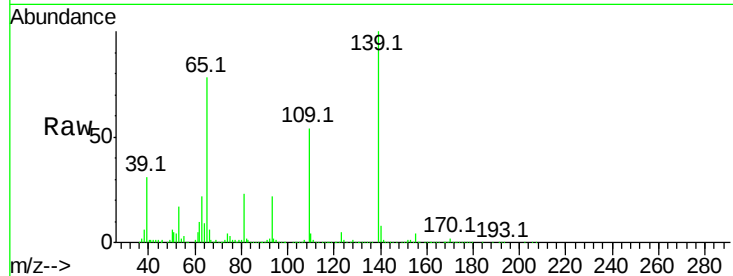
Tot Ion:184 Resp: 85072
Ion Ratio Lower Upper
184 100
63 48.1 52.7 79.1#
154 52.7 57.3 85.9#



#54
Dibenzofuran
Concen: 48.63 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:168 Resp: 1675843
Ion Ratio Lower Upper
168 100
139 36.0 35.3 52.9
169 15.0 11.5 17.3

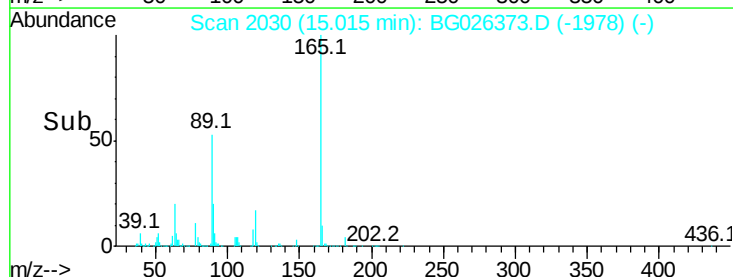
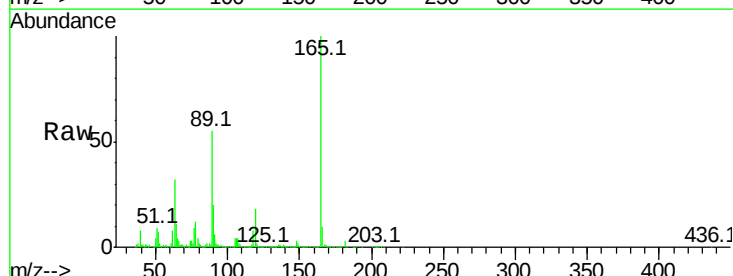
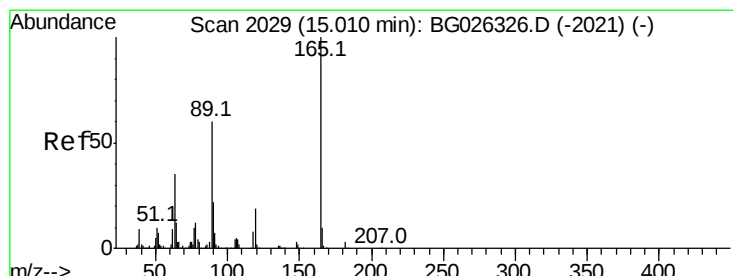
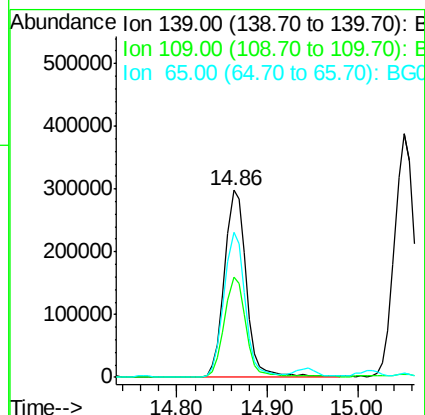




#55
4-Nitrophenol
Concen: 84.13 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

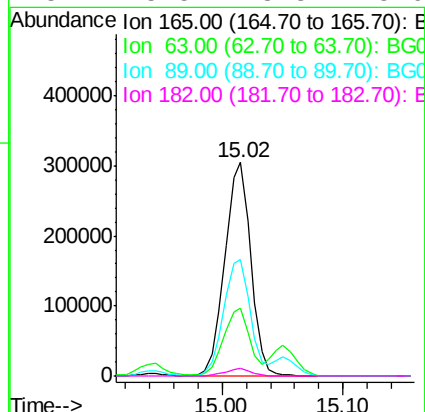
Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

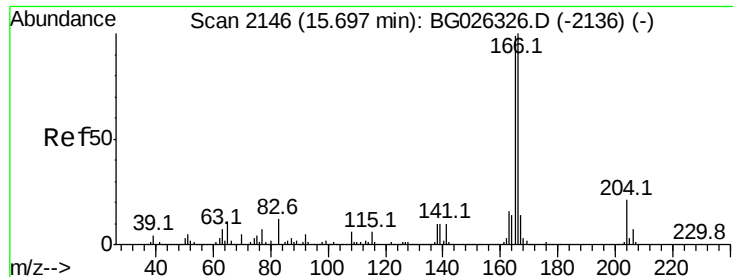
Tot Ion:139 Resp: 503747
Ion Ratio Lower Upper
139 100
109 53.9 101.2 141.2#
65 77.9 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 48.47 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:165 Resp: 452727
Ion Ratio Lower Upper
165 100
63 31.5 44.0 66.0#
89 54.6 67.3 100.9#
182 3.5 3.8 5.6#





#57

Fluorene

Concen: 44.24 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

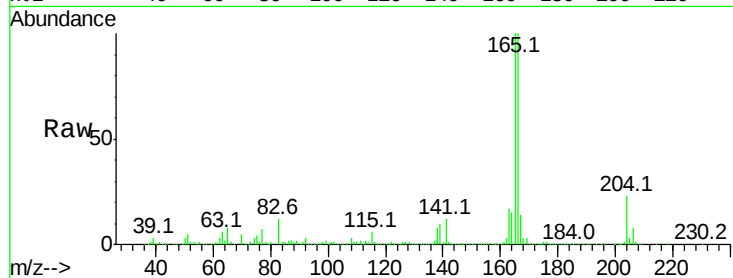
Tot Ion:166 Resp: 1356620

Ion Ratio Lower Upper

166 100

165 100.4 78.6 117.8

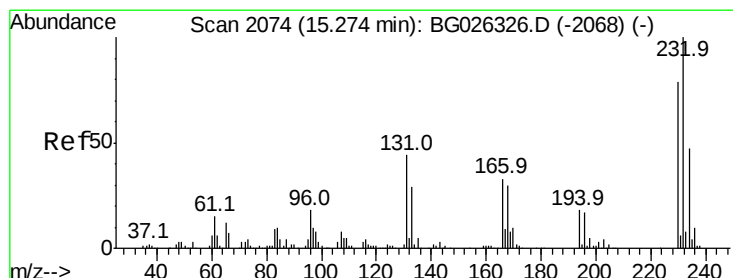
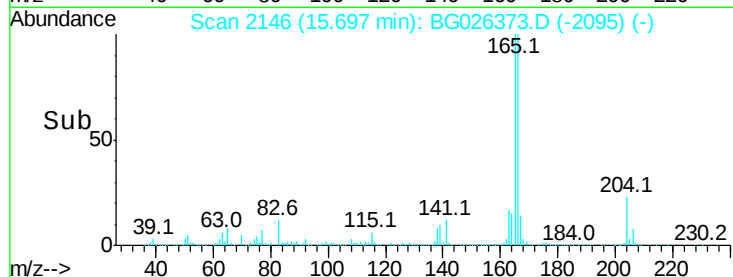
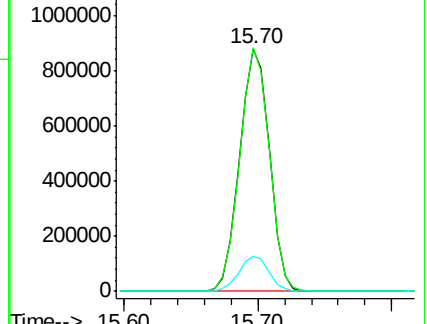
167 14.4 11.6 17.4



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: 50.12 ng

RT: 15.28 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Tgt Ion:232 Resp: 358832

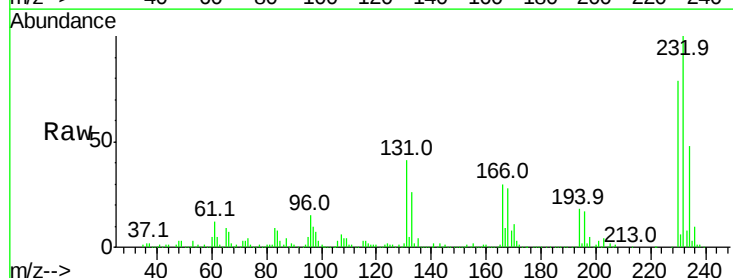
Ion Ratio Lower Upper

232 100

131 41.1 34.9 52.3

130 2.4 2.3 3.5

166 30.0 24.2 36.4

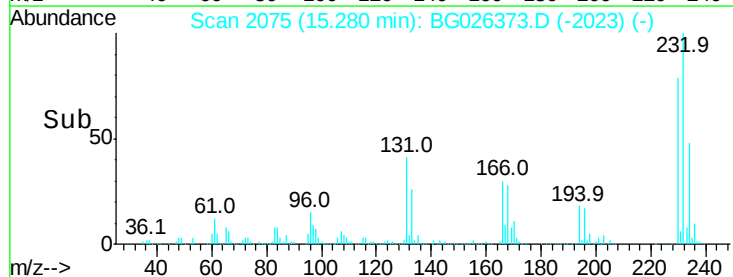
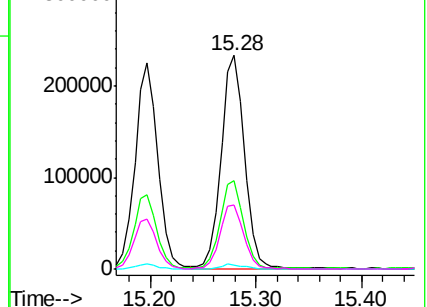


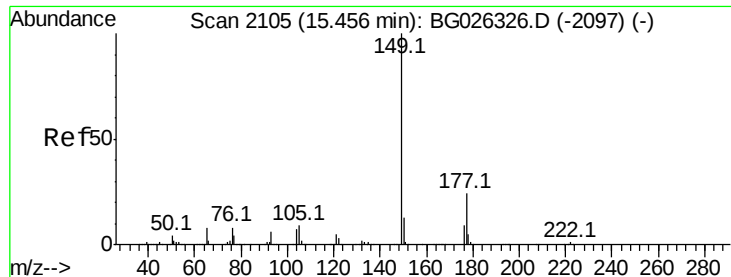
Abundance Ion 232.00 (231.70 to 232.70): E

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

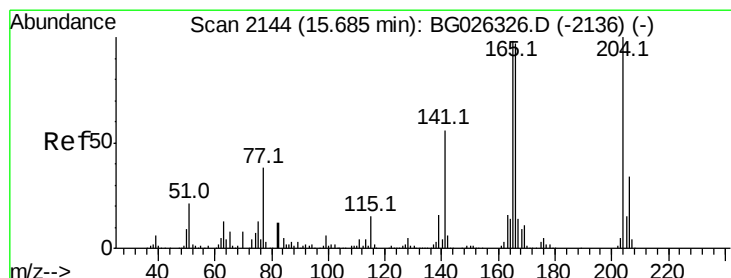
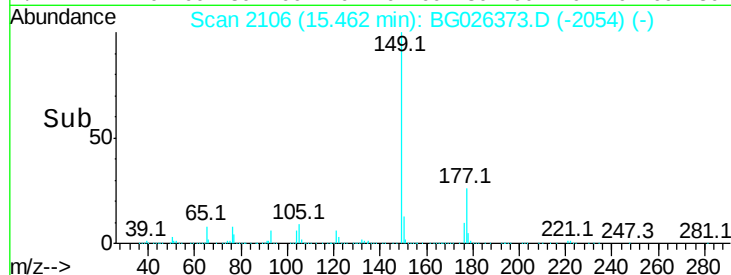
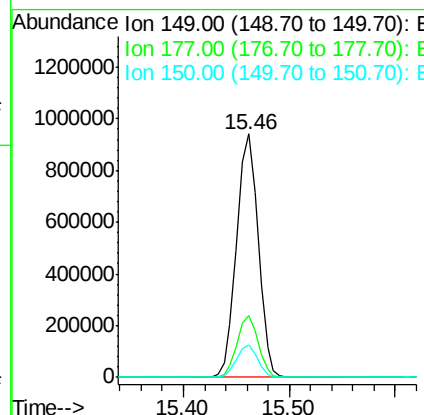
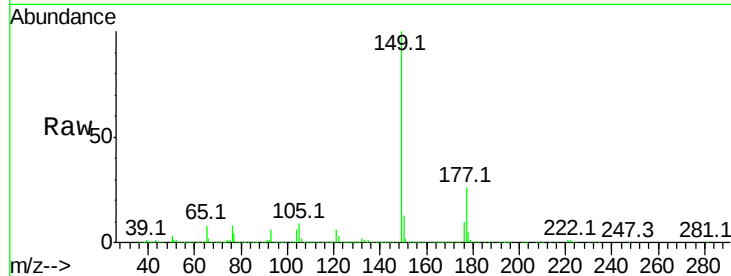




#59
Diethylphthalate
Concen: 45.56 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

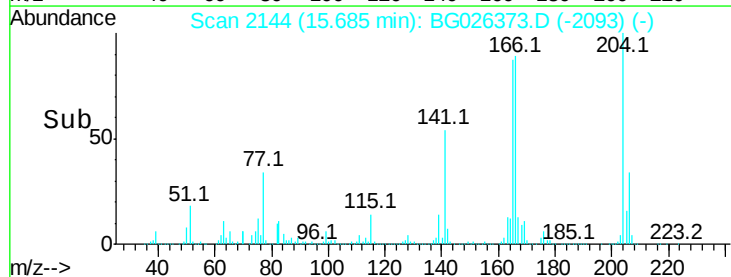
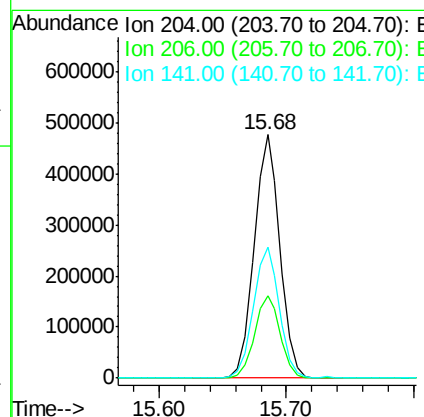
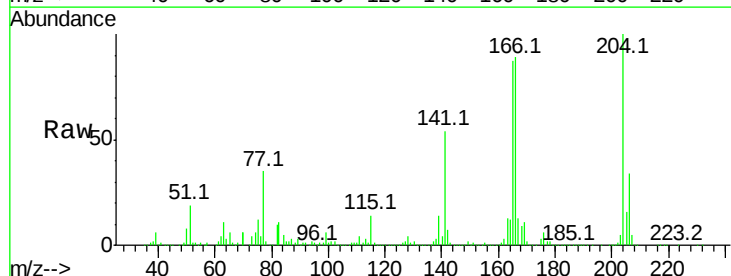
Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

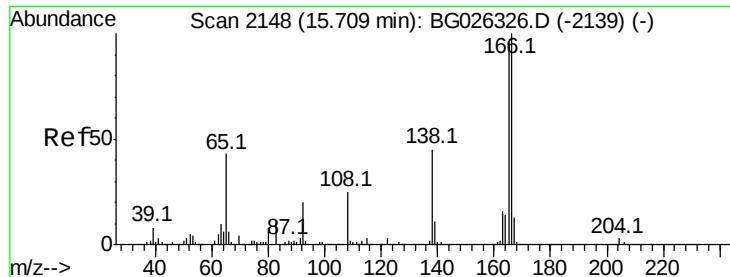
Tot Ion:149 Resp: 1324863
Ion Ratio Lower Upper
149 100
177 25.6 20.1 30.1
150 13.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.99 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:204 Resp: 668424
Ion Ratio Lower Upper
204 100
206 33.8 30.1 45.1
141 53.9 50.6 76.0





#61

4-Nitroaniline

Concen: 42.73 ng

RT: 15.71 min Scan# 2149

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

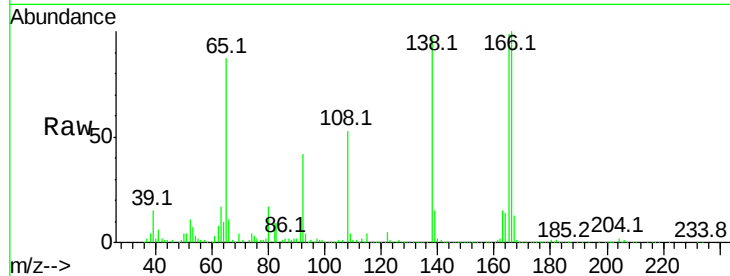
Tot Ion:138 Resp: 330481

Ion Ratio Lower Upper

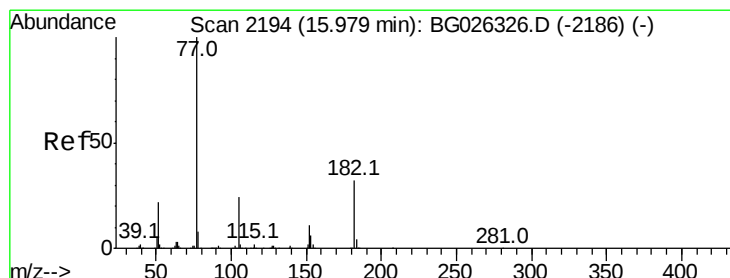
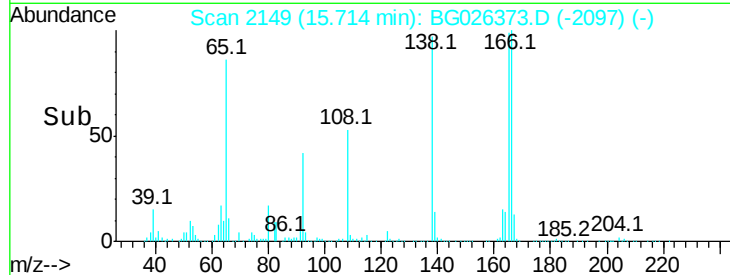
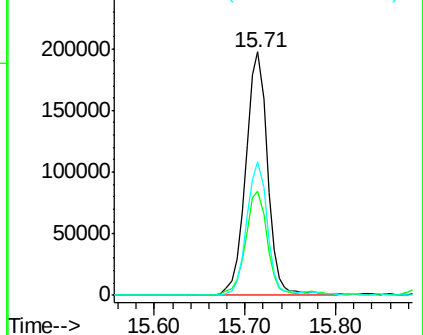
138 100

92 42.9 44.2 84.2#

108 55.0 104.8 144.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.85 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Tgt Ion: 77 Resp: 1107707

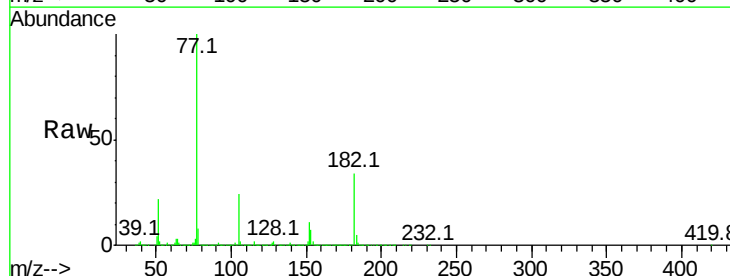
Ion Ratio Lower Upper

77 100

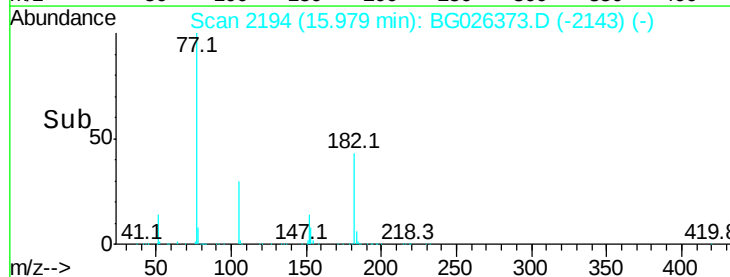
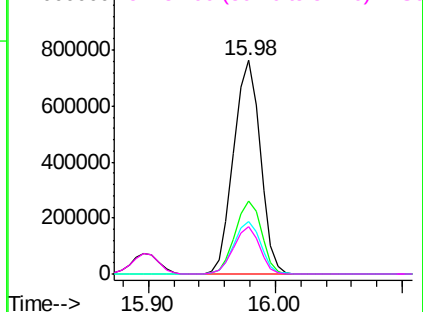
182 34.3 4.7 44.7

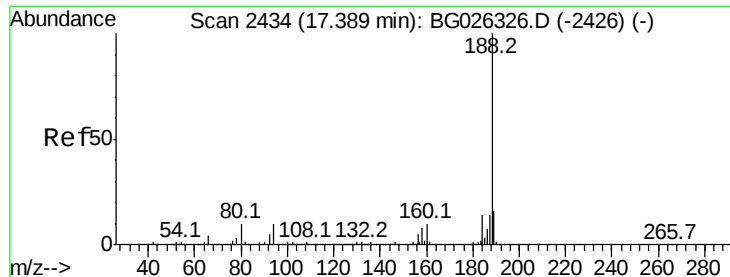
105 24.5 0.0 36.3

51 22.1 16.4 56.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

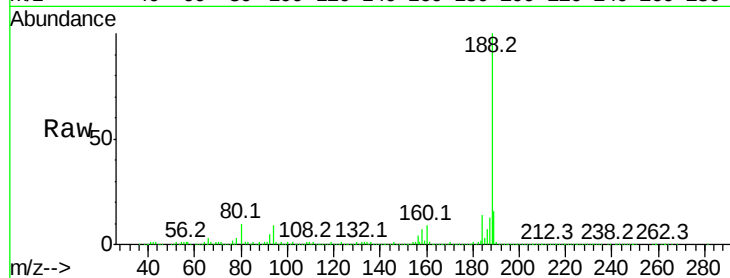




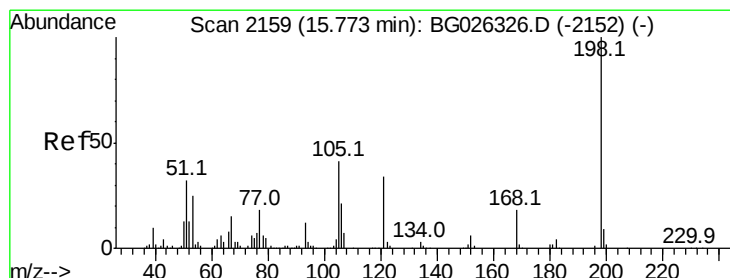
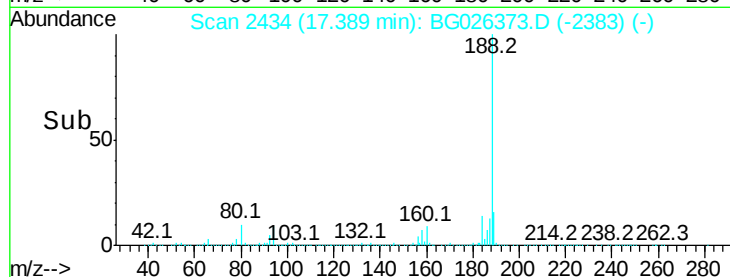
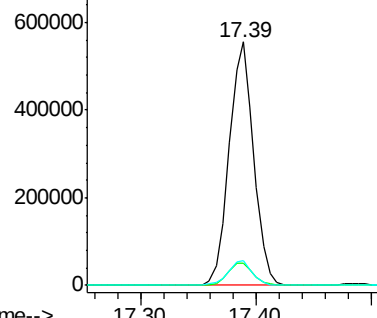
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion:188 Resp: 821747
Ion Ratio Lower Upper
188 100
94 9.1 5.8 8.8#
80 10.1 7.5 11.3

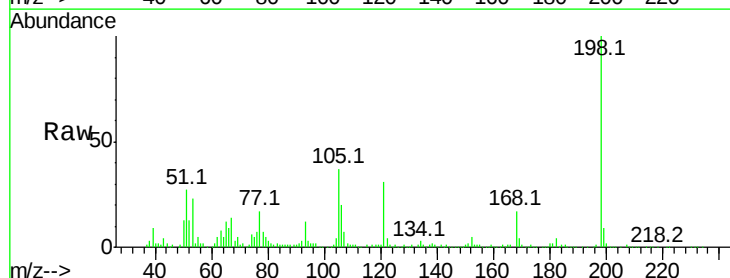


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

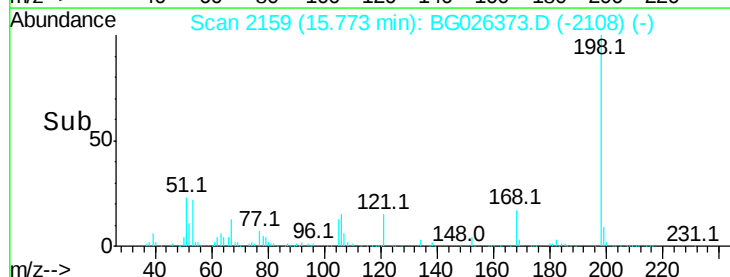
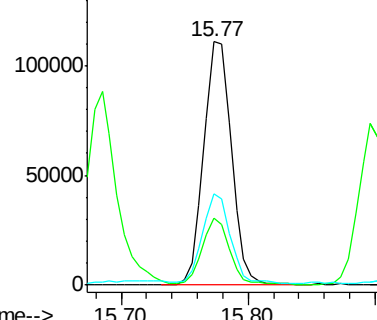


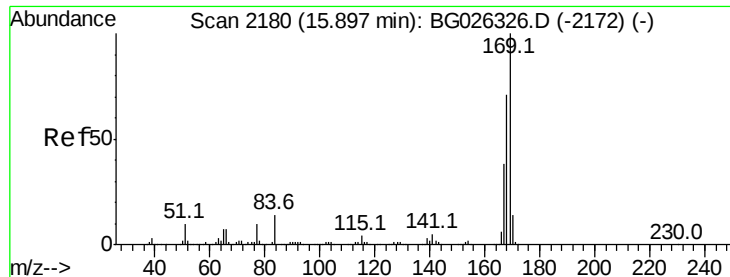
#64
4,6-Dinitro-2-methylphenol
Concen: 32.43 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:198 Resp: 168034
Ion Ratio Lower Upper
198 100
51 27.3 22.6 62.6
105 37.4 14.4 54.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.86 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

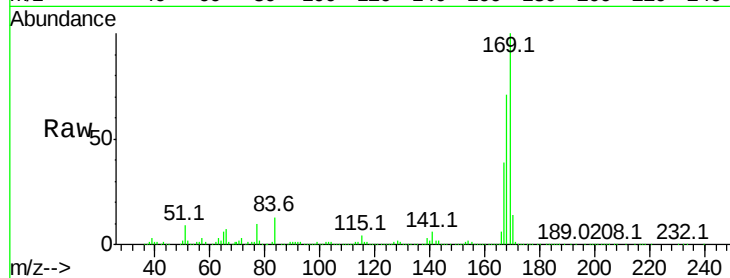
Tot Ion:169 Resp: 1202552

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

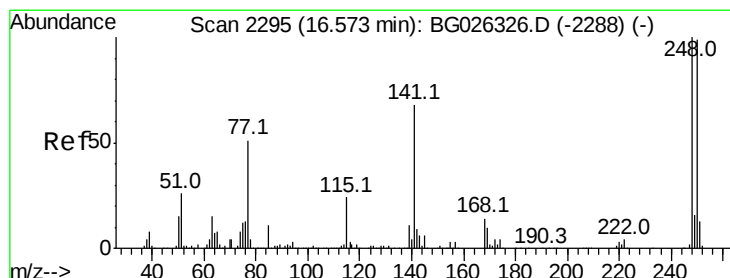
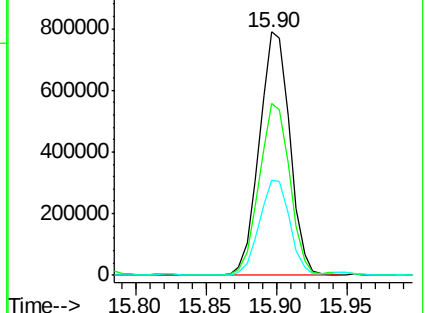
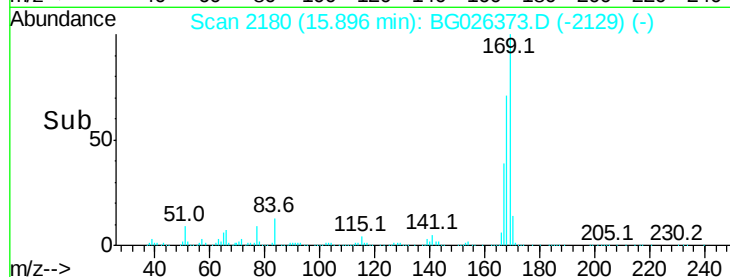
167 39.0 29.8 44.6



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: 51.44 ng

RT: 16.58 min Scan# 2296

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

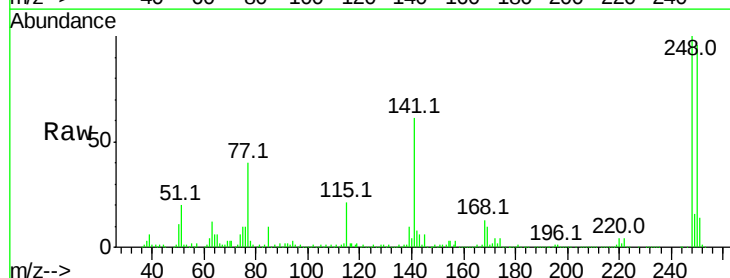
Tgt Ion:248 Resp: 435063

Ion Ratio Lower Upper

248 100

250 96.1 75.0 112.6

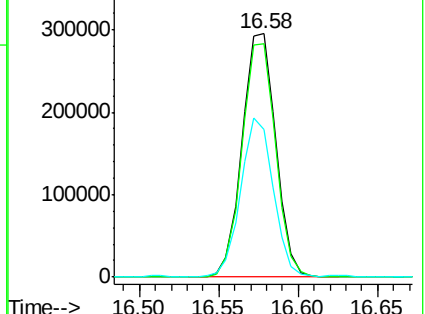
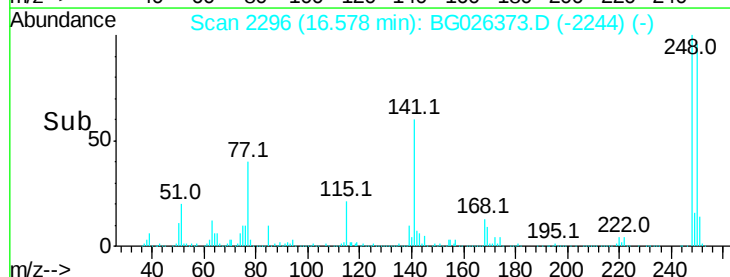
141 60.7 55.2 82.8

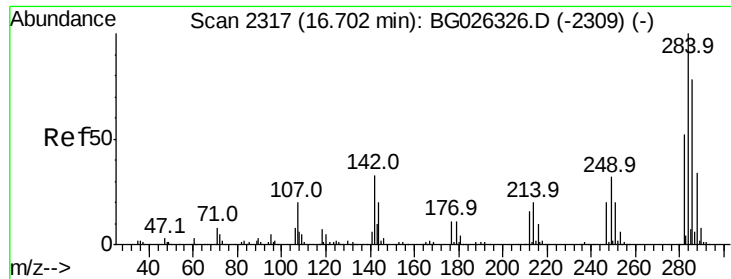


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

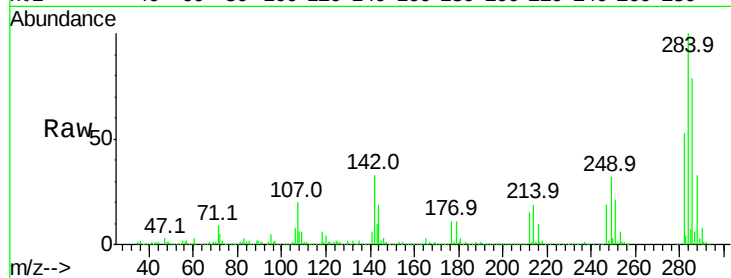




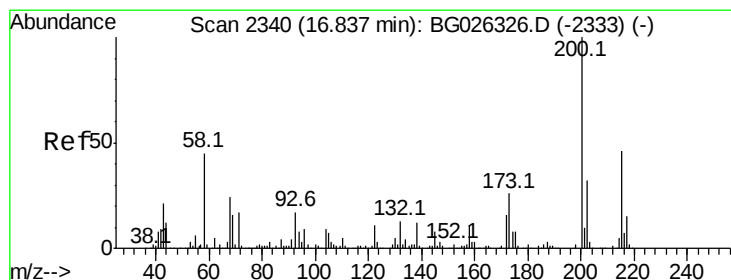
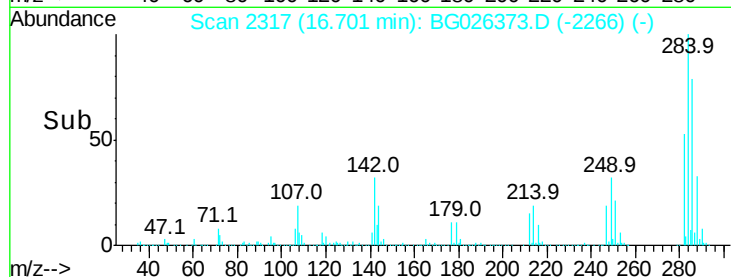
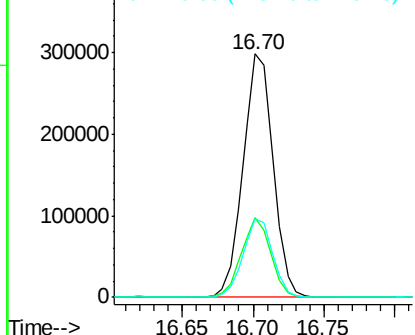
#67
Hexachlorobenzene
Concen: 49.22 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion:284 Resp: 444091
Ion Ratio Lower Upper
284 100
142 32.6 29.9 44.9
249 32.1 29.2 43.8

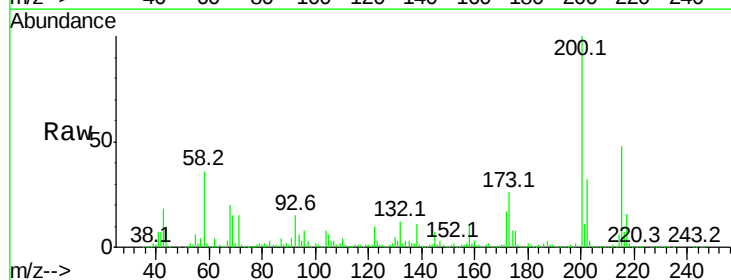


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

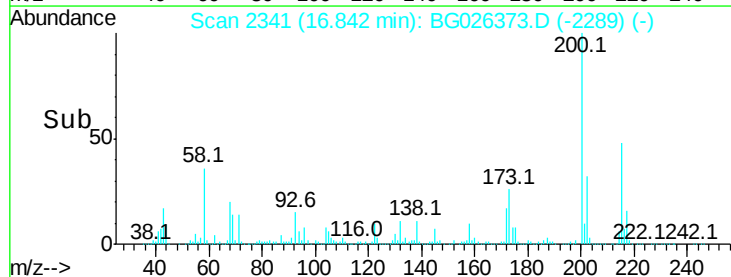
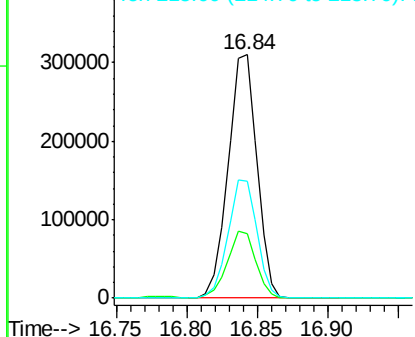


#68
Atrazine
Concen: 48.06 ng
RT: 16.84 min Scan# 2341
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:200 Resp: 438753
Ion Ratio Lower Upper
200 100
173 26.4 3.0 43.0
215 48.3 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

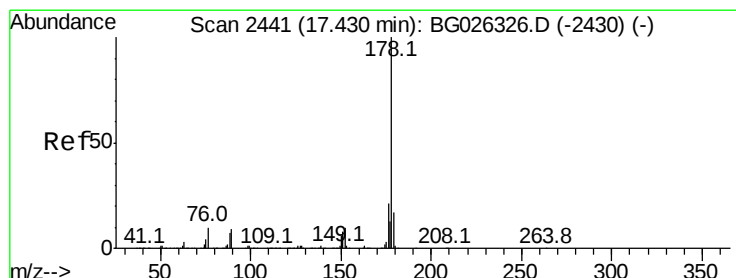
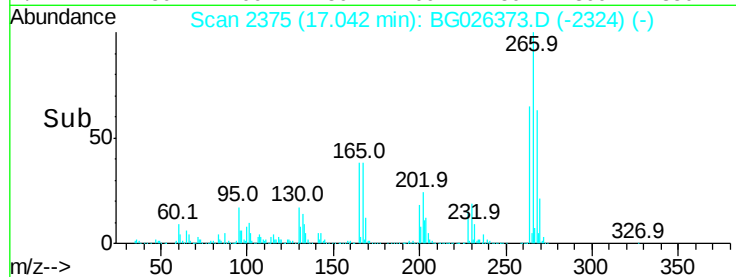
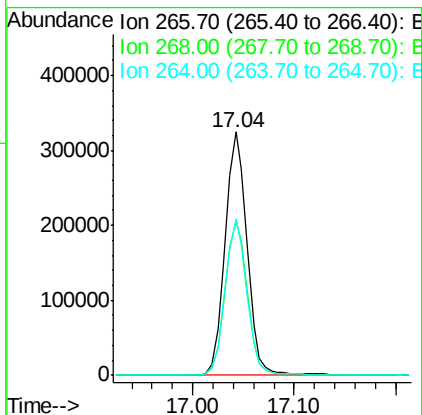
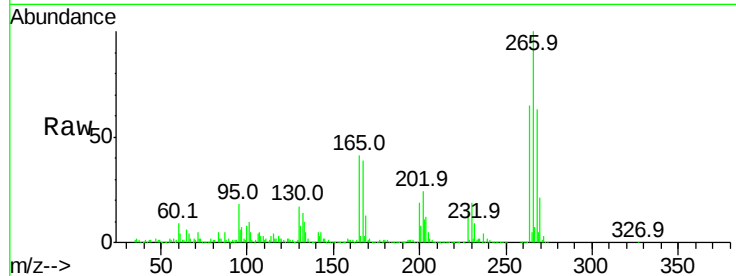




#69
 Pentachlorophenol
 Concen: 83.68 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

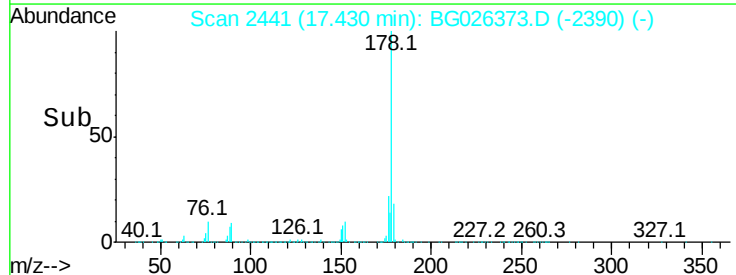
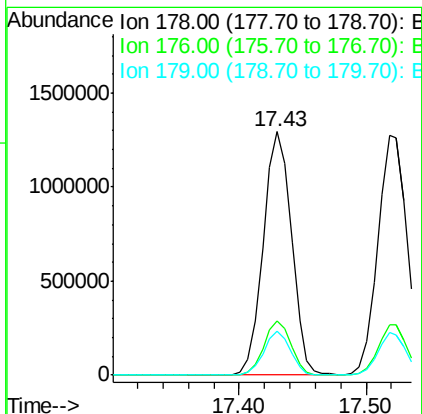
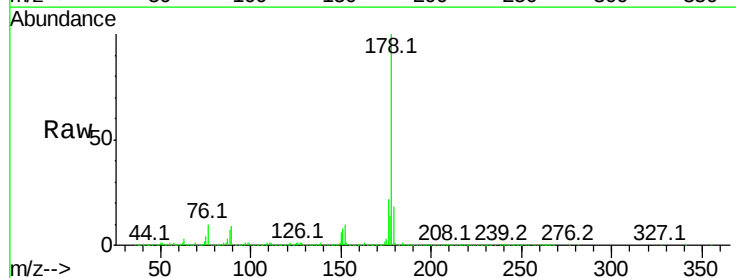
Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

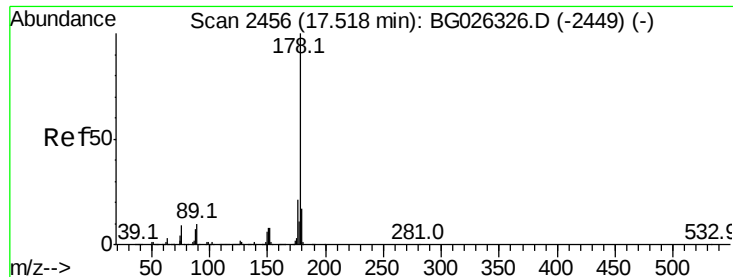
Tot Ion:266 Resp: 490893
 Ion Ratio Lower Upper
 266 100
 268 63.1 48.6 72.8
 264 64.6 50.1 75.1



#70
 Phenanthrene
 Concen: 45.49 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion:178 Resp: 2007497
 Ion Ratio Lower Upper
 178 100
 176 22.0 17.7 26.5
 179 18.0 15.0 22.6



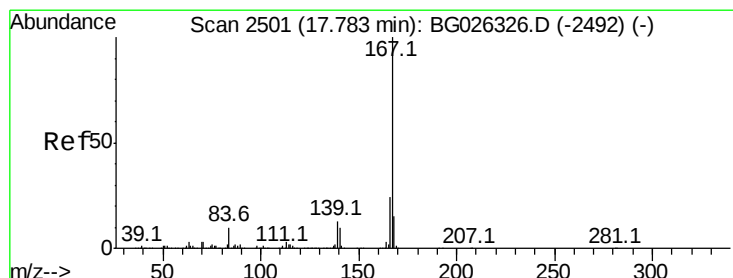
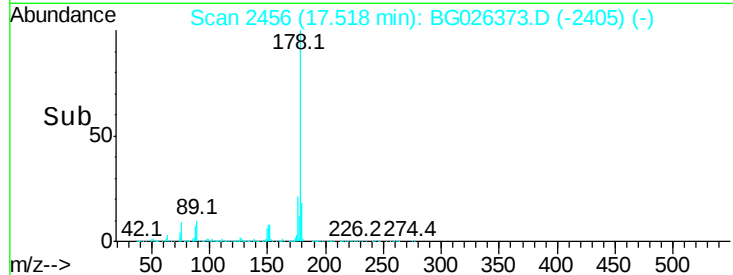
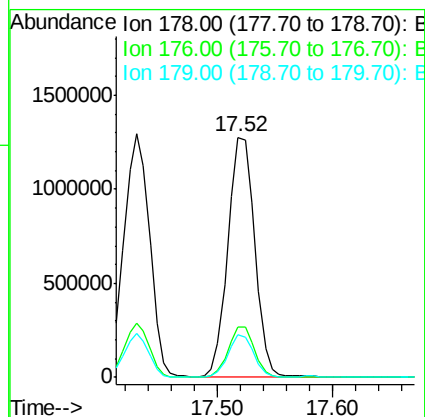
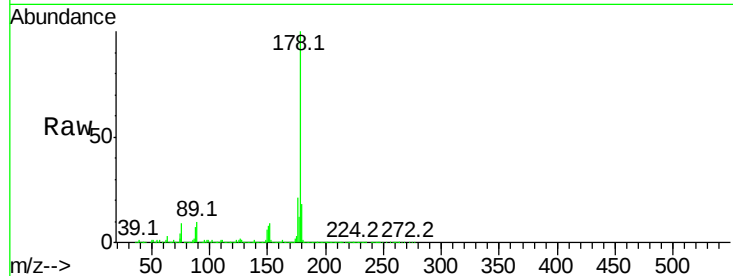


#71
 Anthracene
 Concen: 45.63 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Tot Ion:178 Resp: 2054441

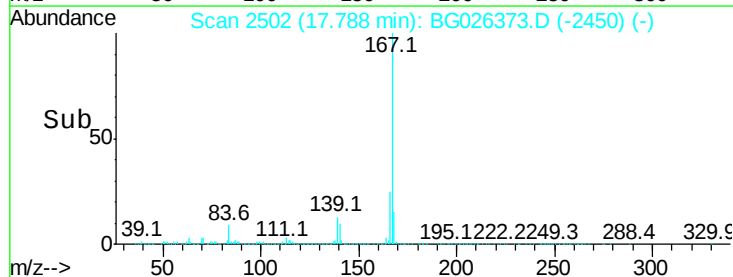
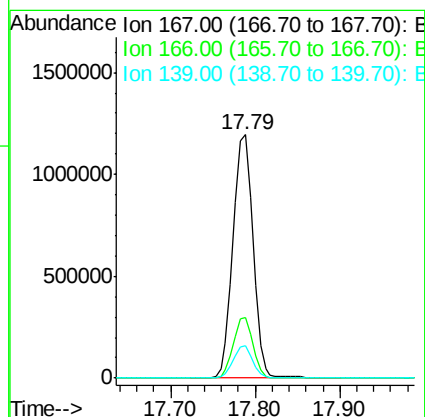
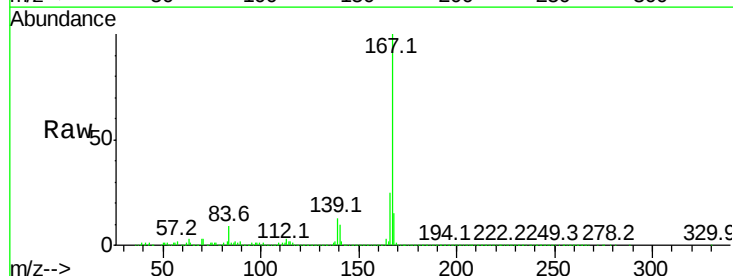
Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.4	24.6
179	17.8	13.8	20.8

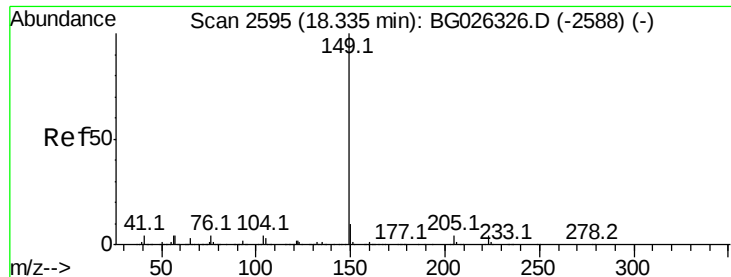


#72
 Carbazole
 Concen: 42.02 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. 0.01 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion:167 Resp: 1947693

Ion	Ratio	Lower	Upper
167	100		
166	24.7	20.2	30.2
139	13.2	12.8	19.2

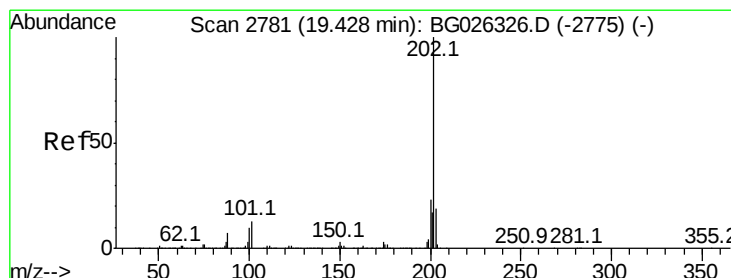
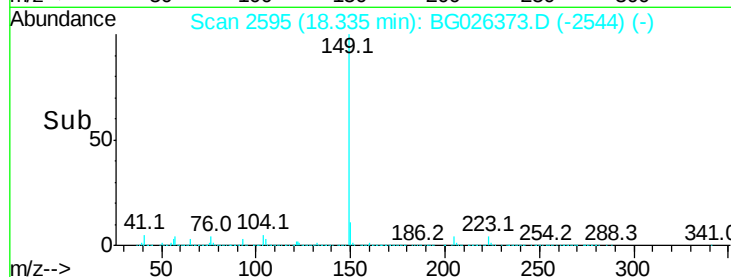
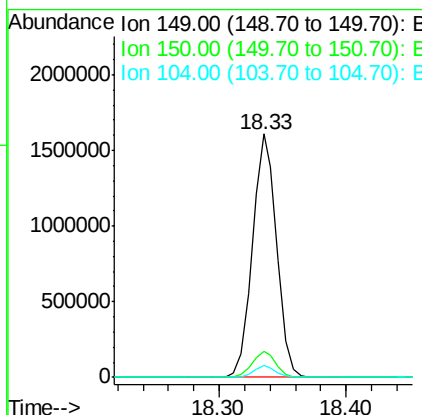
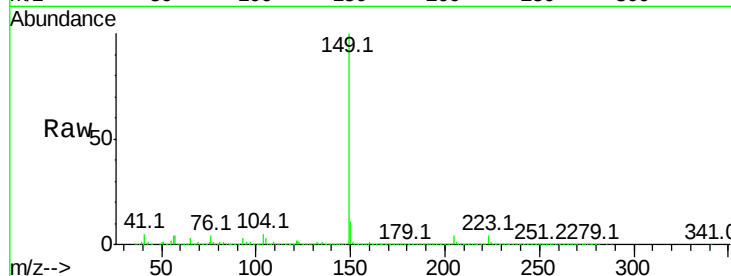




#73
Di-n-butylphthalate
Concen: 44.46 ng
RT: 18.33 min Scan# 2595
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

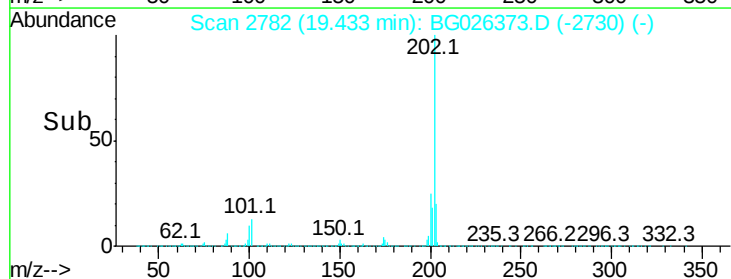
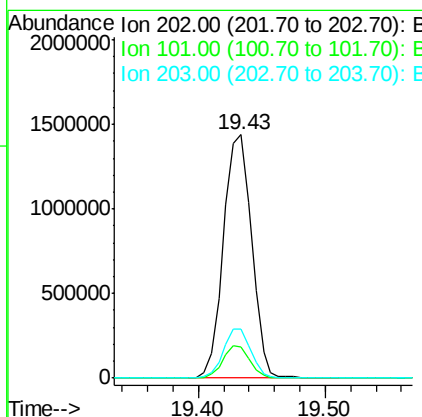
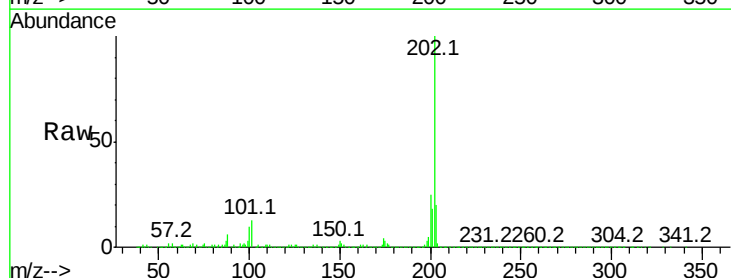
Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

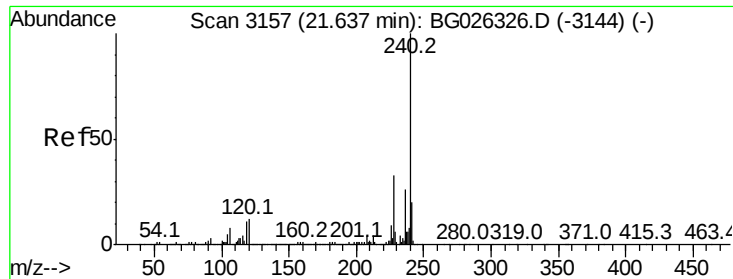
Tot Ion:149 Resp: 2117617
Ion Ratio Lower Upper
149 100
150 10.8 9.1 13.7
104 4.6 6.7 10.1#



#74
Fluoranthene
Concen: 42.56 ng
RT: 19.43 min Scan# 2782
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:202 Resp: 2208715
Ion Ratio Lower Upper
202 100
101 12.7 0.0 30.1
203 20.1 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

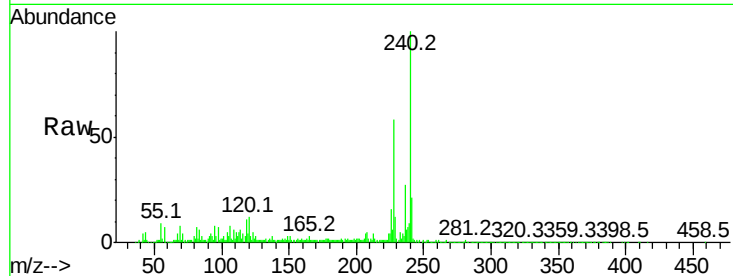
Tot Ion:240 Resp: 868717

Ion Ratio Lower Upper

240 100

120 12.1 5.7 8.5#

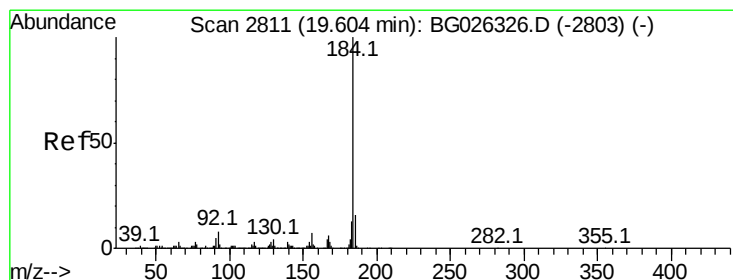
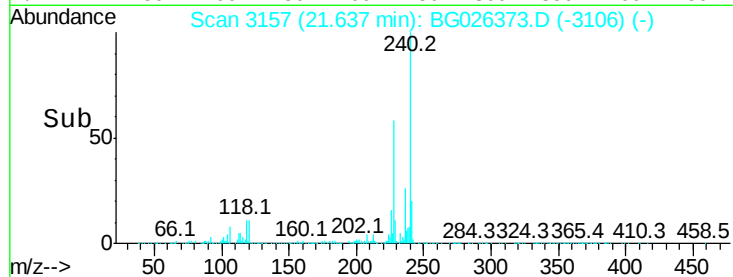
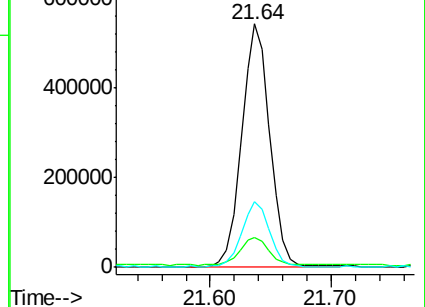
236 26.8 22.2 33.4



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: 8.14 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

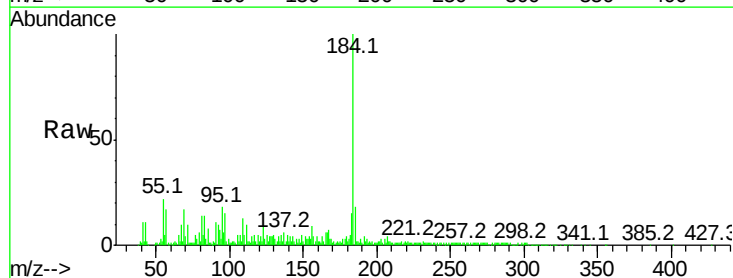
Tgt Ion:184 Resp: 243662

Ion Ratio Lower Upper

184 100

185 17.8 13.0 19.6

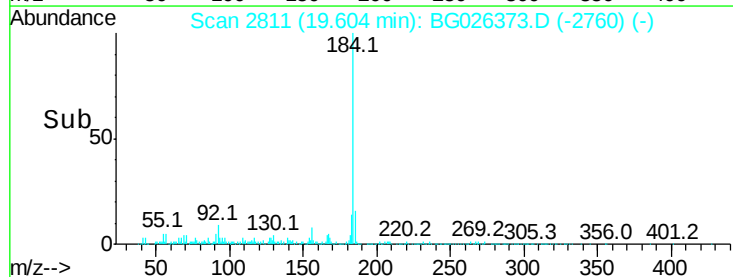
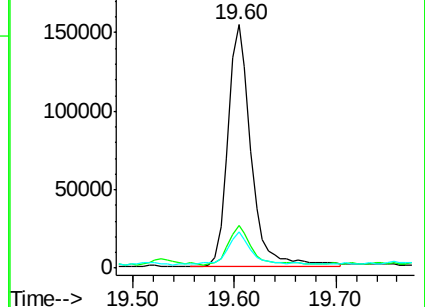
183 14.8 11.0 16.6

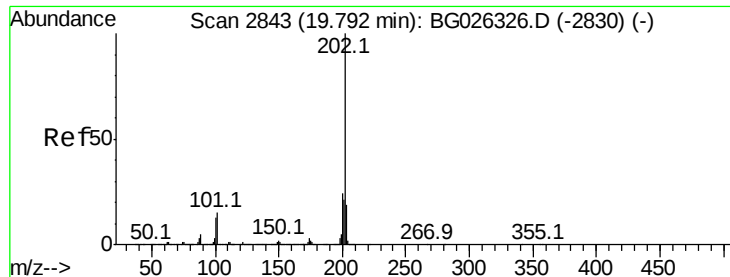


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.32 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

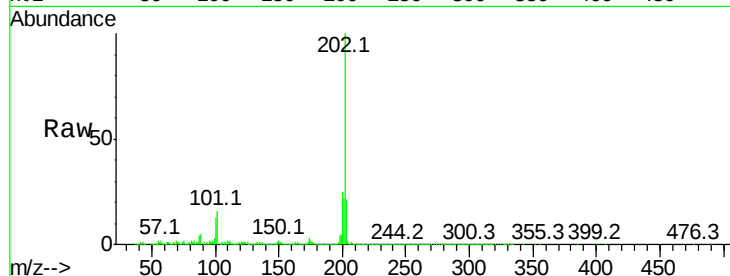
BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

Tot Ion:202 Resp: 2229185

Ion	Ratio	Lower	Upper
202	100		
200	24.9	19.6	29.4
203	20.7	15.8	23.8

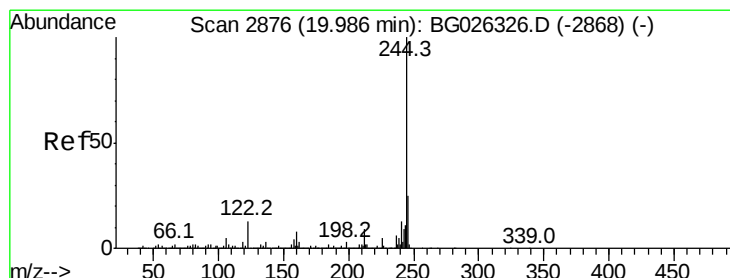
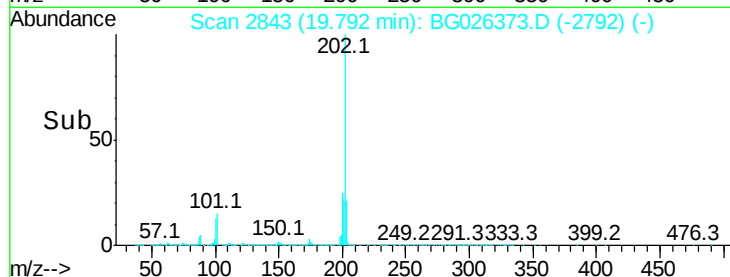
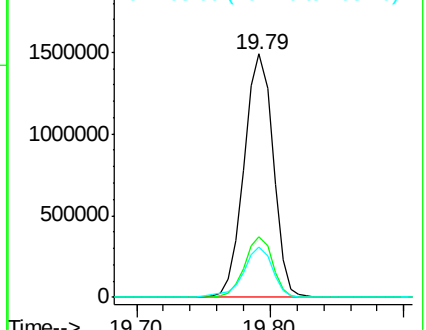


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.14 ng

RT: 19.99 min Scan# 2876

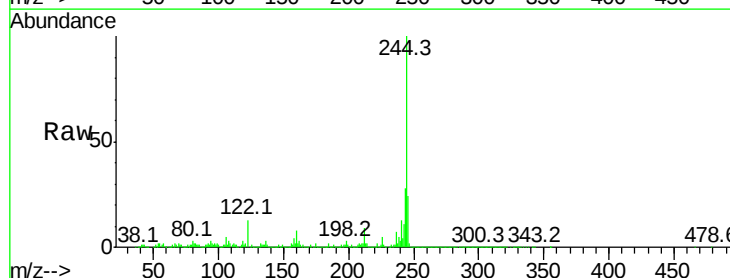
Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Tgt Ion:244 Resp: 2652026

Ion	Ratio	Lower	Upper
244	100		
212	8.7	10.0	15.0#
122	13.2	8.6	12.8#

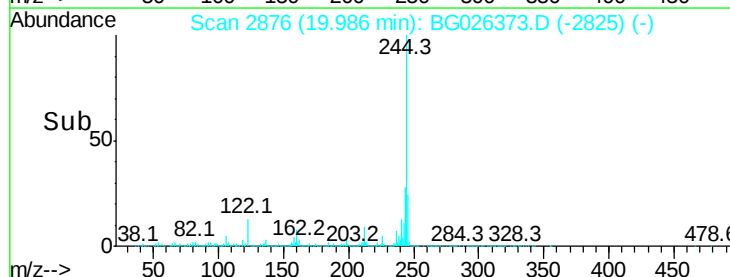
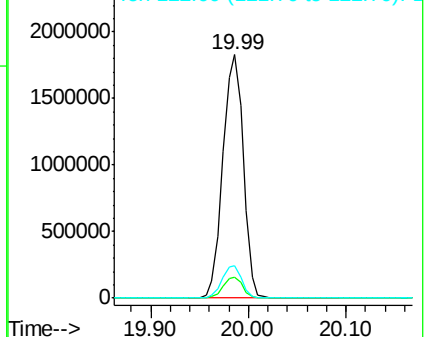


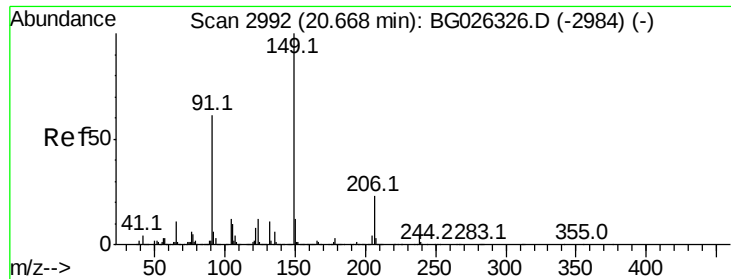
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

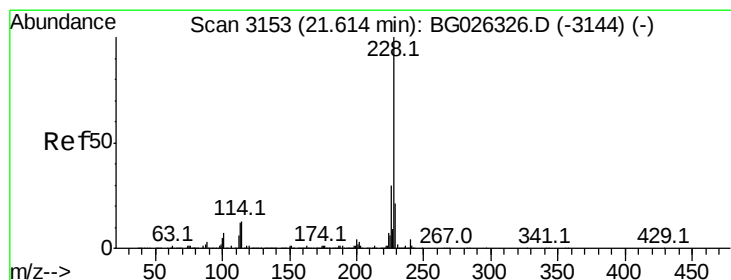
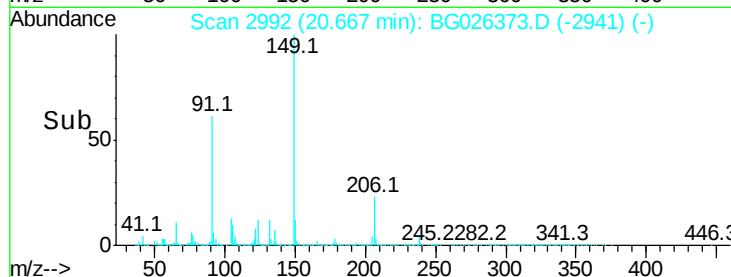
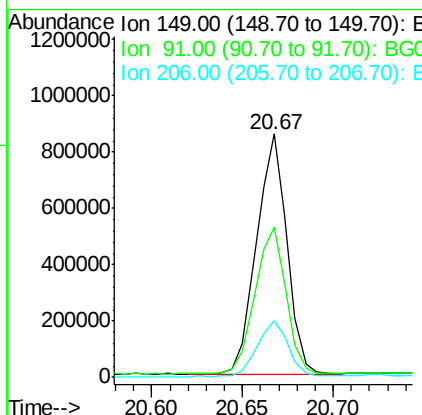
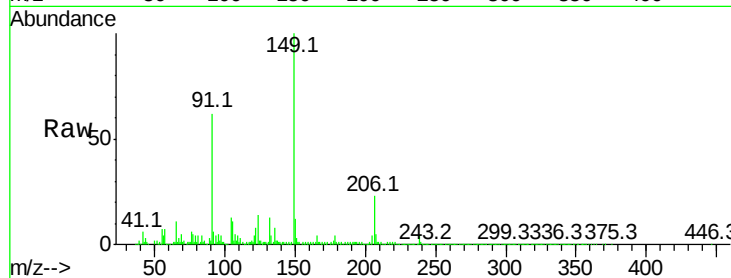




#79
Butylbenzylphthalate
Concen: 49.49 ng
RT: 20.67 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

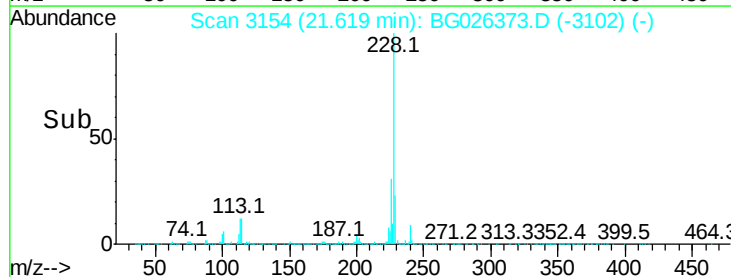
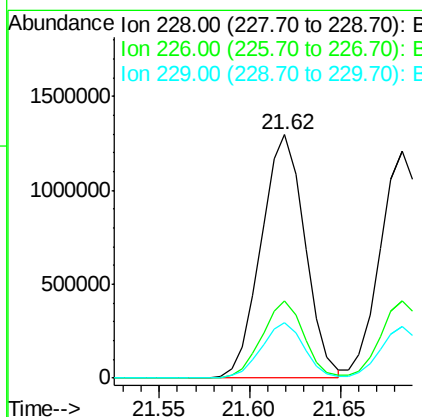
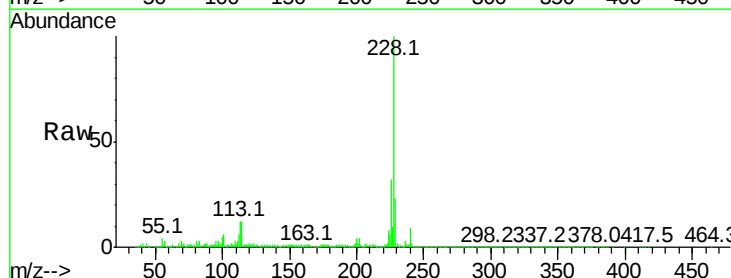
Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

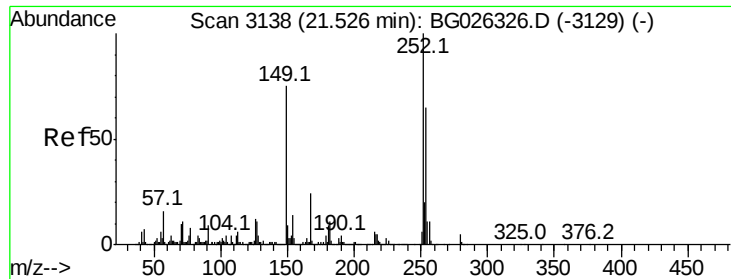
Tot Ion:149 Resp: 996069
Ion Ratio Lower Upper
149 100
91 61.8 63.5 95.3#
206 23.1 21.0 31.6



#80
Benzo(a)anthracene
Concen: 44.56 ng
RT: 21.62 min Scan# 3154
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:228 Resp: 2178399
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 22.9 18.2 27.2

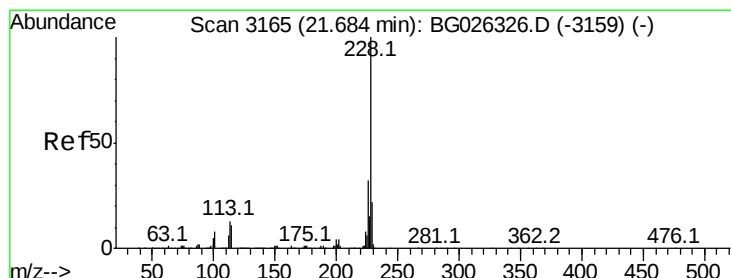
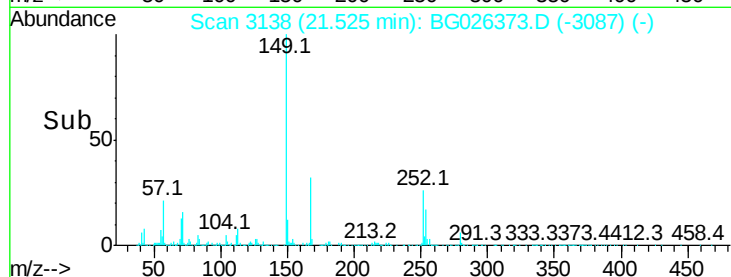
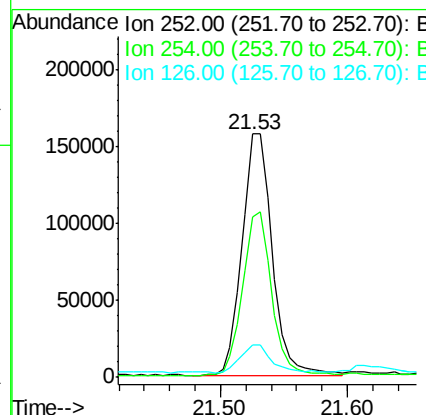
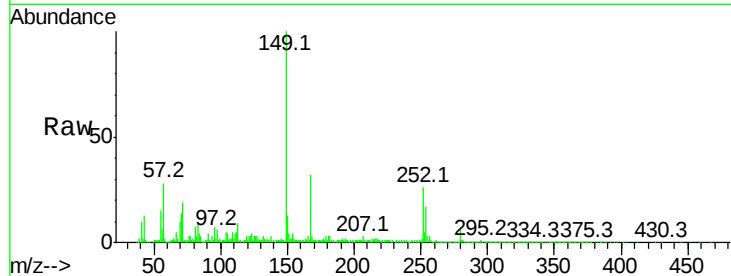




#81
 3,3'-Dichlorobenzidine
 Concen: 12.99 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

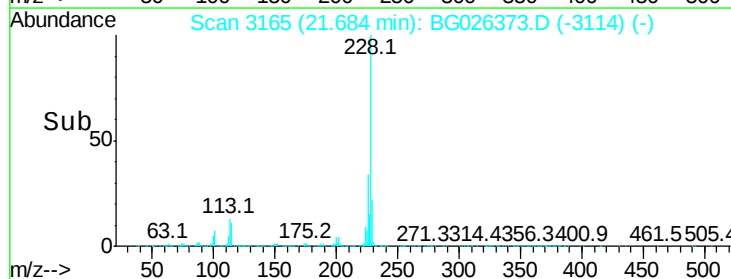
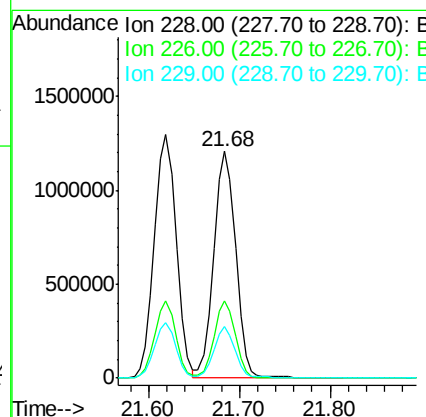
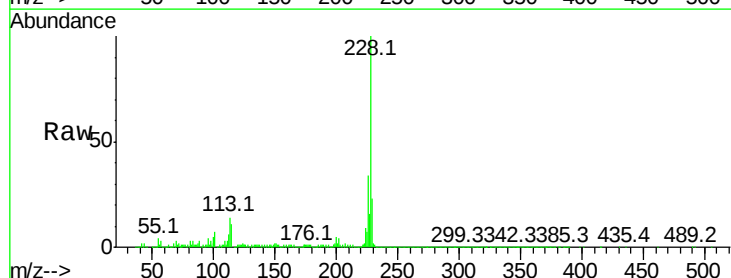
Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

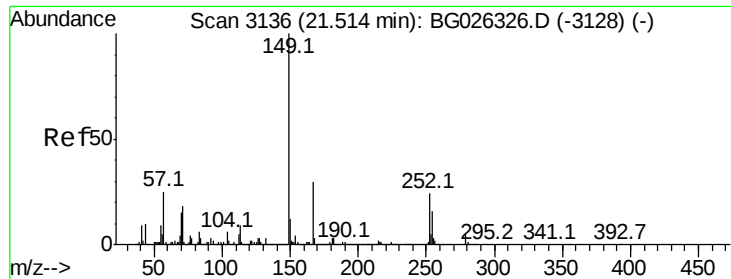
Tot Ion:252 Resp: 259989
 Ion Ratio Lower Upper
 252 100
 254 65.7 53.1 79.7
 126 13.1 7.0 10.4#



#82
 Chrysene
 Concen: 43.09 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion:228 Resp: 2012551
 Ion Ratio Lower Upper
 228 100
 226 34.2 27.0 40.4
 229 22.7 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.86 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

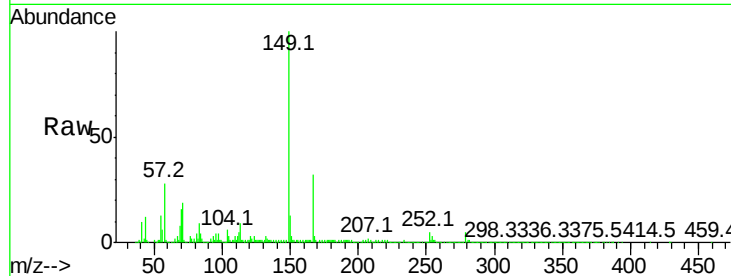
Tot Ion:149 Resp: 1455010

Ion Ratio Lower Upper

149 100

167 31.7 23.7 35.5

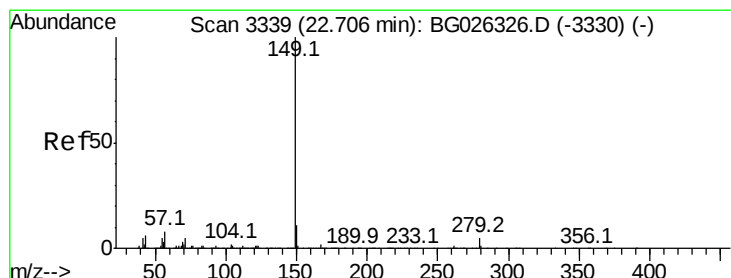
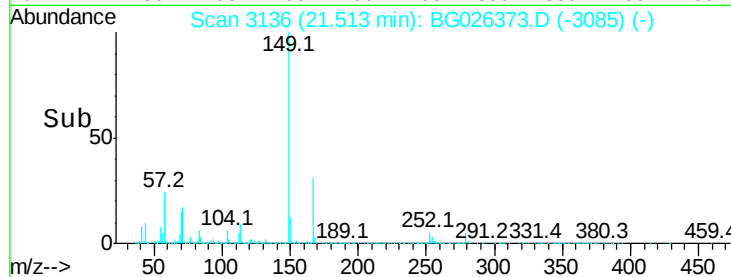
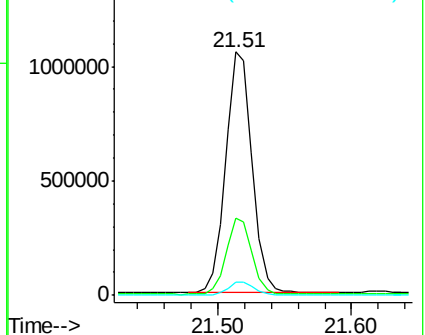
279 5.3 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.86 ng

RT: 22.71 min Scan# 3340

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

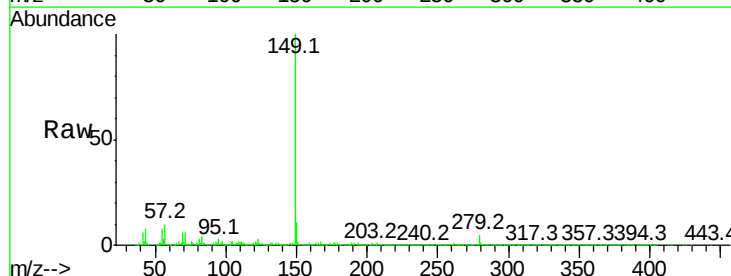
Tgt Ion:149 Resp: 2431170

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

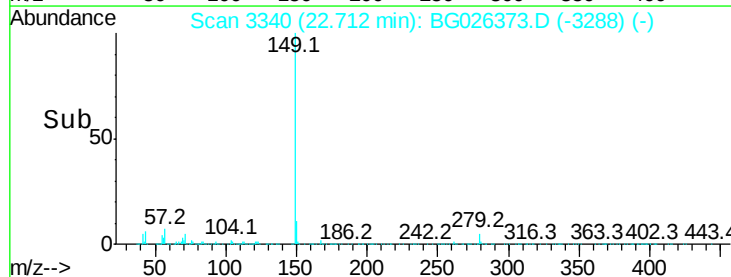
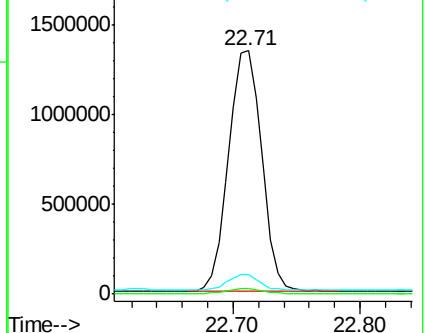
43 6.3 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.68 ng

RT: 28.46 min Scan# 4319

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

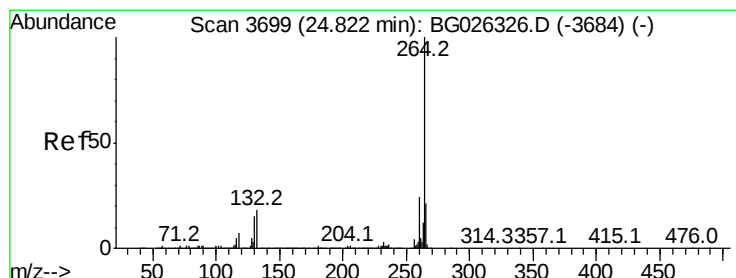
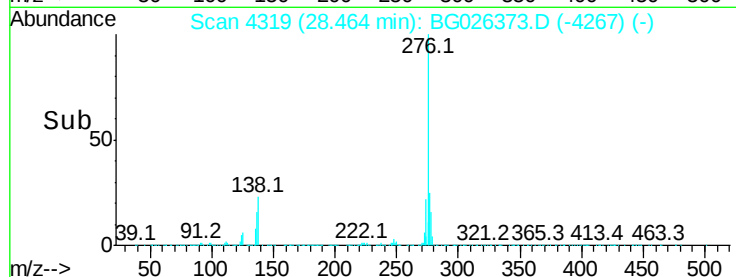
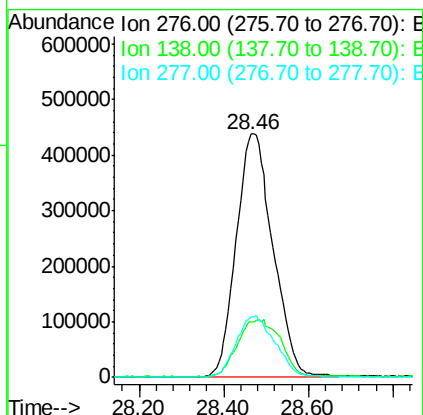
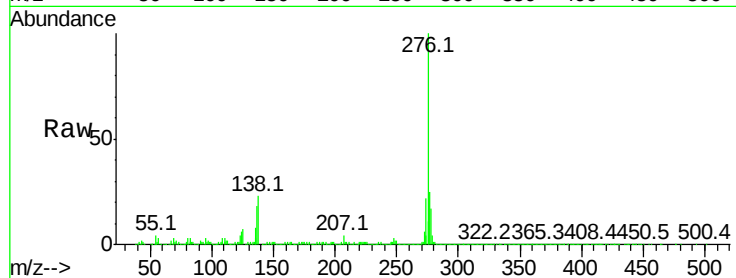
Tot Ion:276 Resp: 2634375

Ion Ratio Lower Upper

276 100

138 27.3 4.7 7.1#

277 26.2 20.6 31.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.83 min Scan# 3700

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

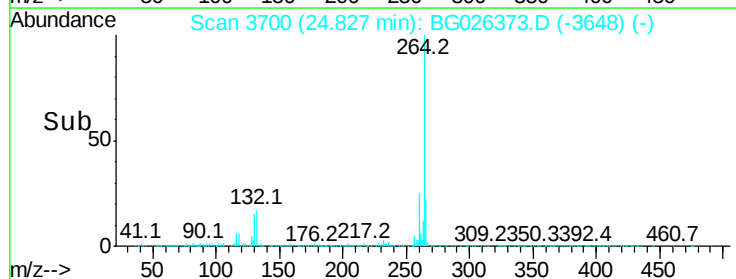
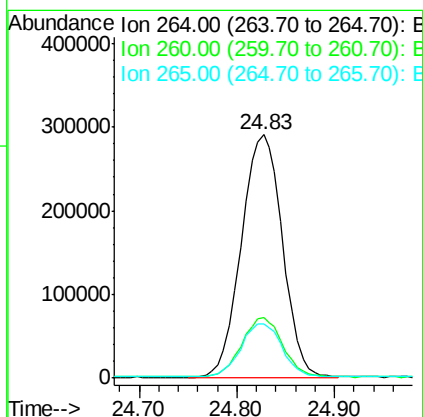
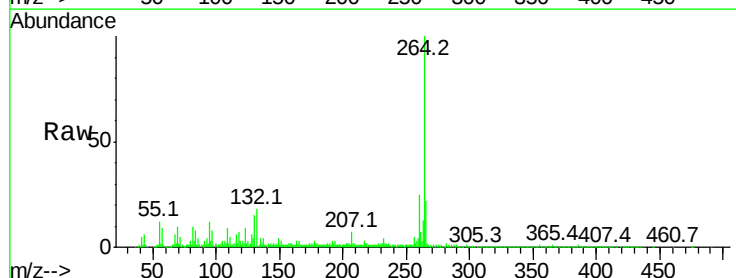
Tgt Ion:264 Resp: 854060

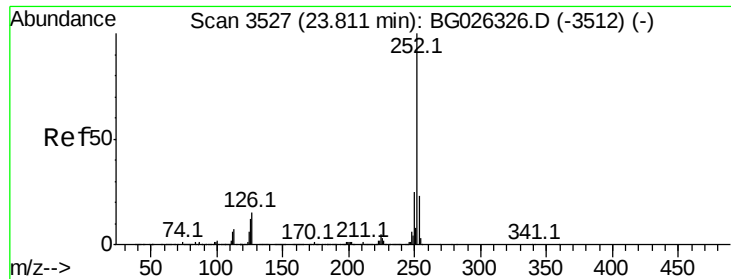
Ion Ratio Lower Upper

264 100

260 25.0 21.8 32.8

265 22.1 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 45.22 ng

RT: 23.82 min Scan# 3529

Delta R.T. 0.01 min

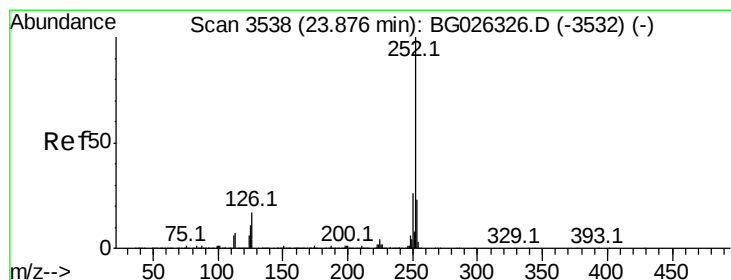
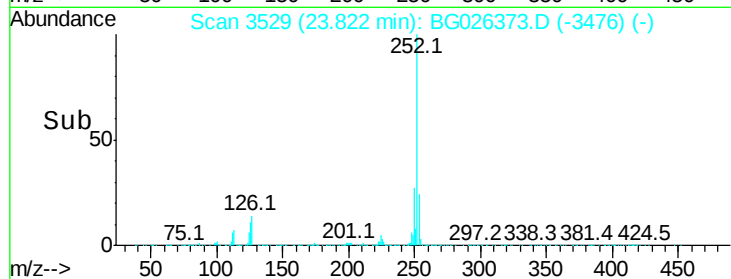
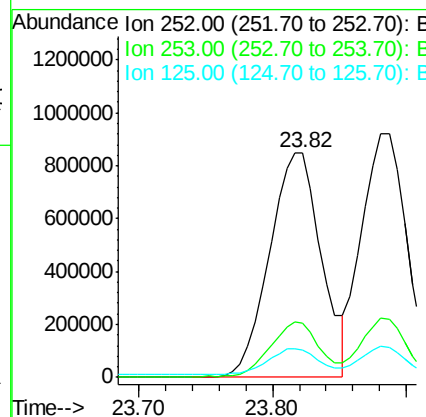
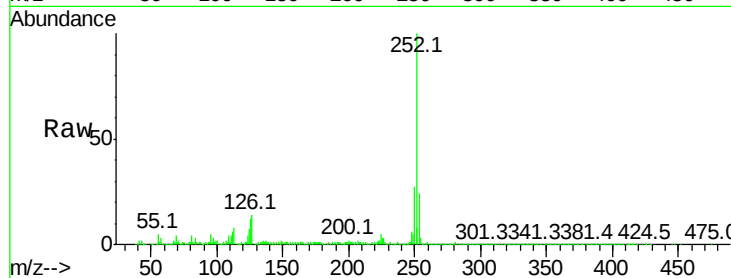
Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion:252 Resp: 2276426

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.7	28.1
125	12.2	5.3	7.9#



#88

Benzo(k)fluoranthene

Concen: 44.03 ng

RT: 23.89 min Scan# 3540

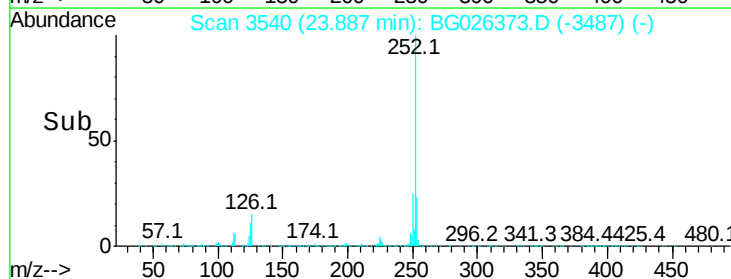
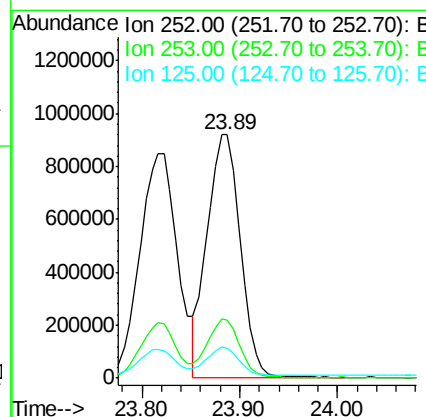
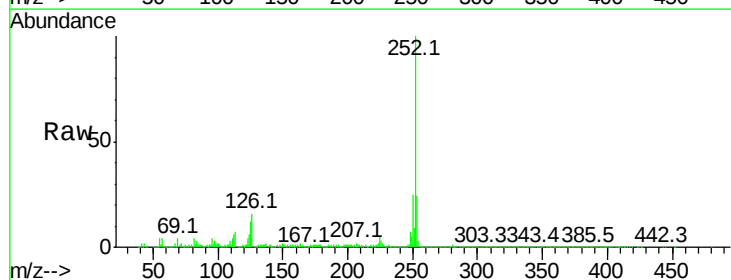
Delta R.T. 0.01 min

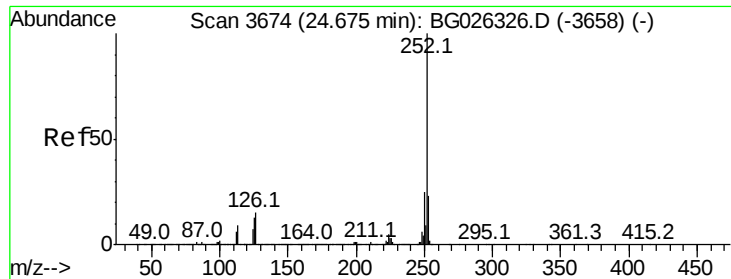
Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Tgt Ion:252 Resp: 2149879

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.2	30.2
125	12.2	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 44.55 ng

RT: 24.68 min Scan# 3675

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

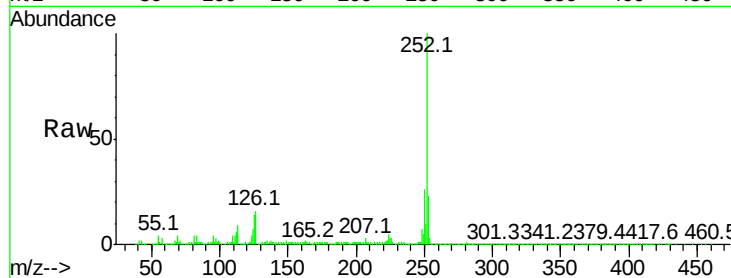
Tot Ion:252 Resp: 2151270

Ion Ratio Lower Upper

252 100

253 23.4 19.2 28.8

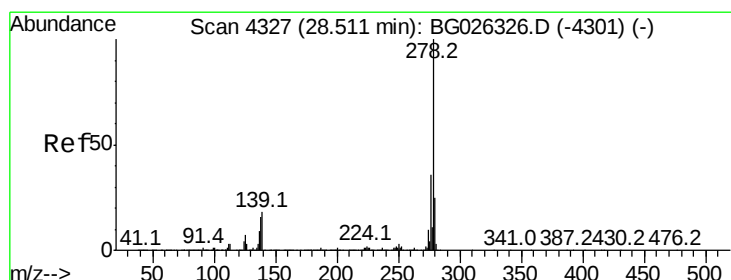
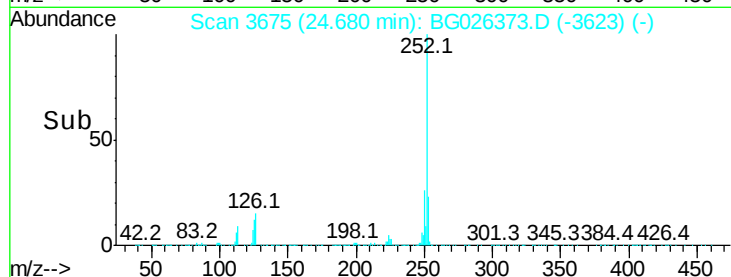
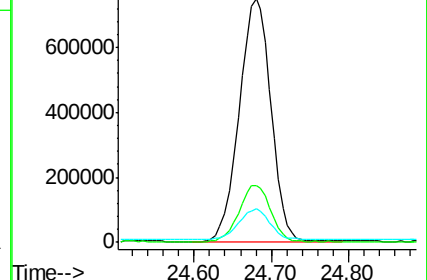
125 13.6 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.02 ng

RT: 28.52 min Scan# 4329

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

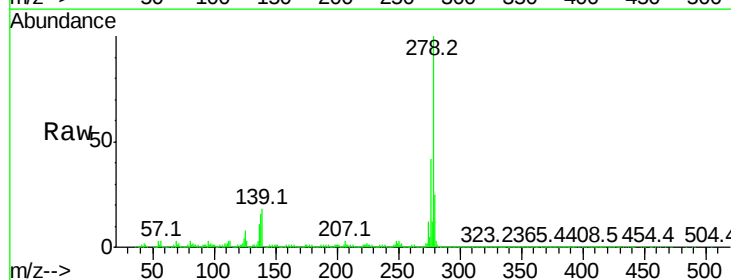
Tgt Ion:278 Resp: 2197314

Ion Ratio Lower Upper

278 100

139 17.8 7.7 11.5#

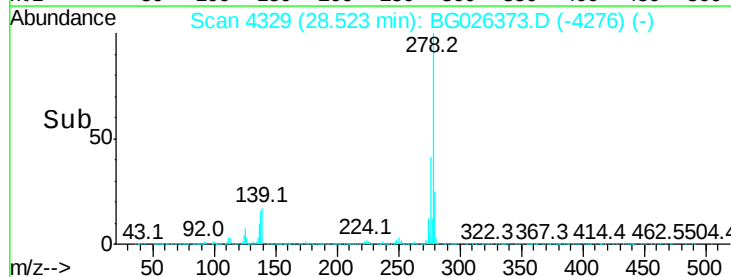
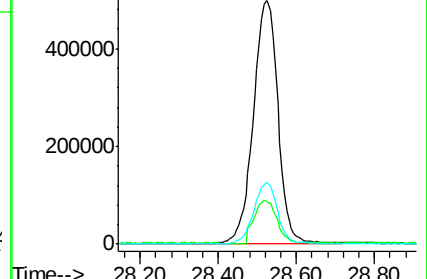
279 25.4 19.1 28.7

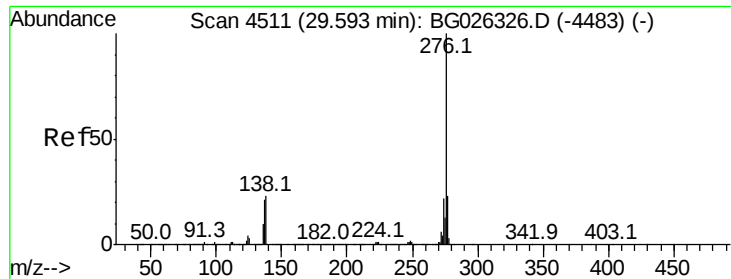


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.20 ng

RT: 29.62 min Scan# 4515

Delta R.T. 0.02 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

Tot Ion:276 Resp: 2173624

Ion Ratio Lower Upper

276 100

277 23.3 18.6 27.8

138 22.7 8.1 12.1#

