

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026053.D
 Acq On : 3 Mar 2017 6:28
 Operator : SJ/MA
 Sample : I2057-09MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MSD

Quant Time: Mar 03 07:11:28 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	119998	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	508744	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	296452	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	680297	20.00	ng	-0.02
75) Chrysene-d12	21.65	240	683520	20.00	ng	-0.03
86) Perylene-d12	24.85	264	640845	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	835548	121.23	ng	-0.01
7) Phenol-d6	7.23	99	1116928	109.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	623754	77.37	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	395173	144.28	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1463371	86.26	ng	-0.02
78) Terphenyl-d14	20.00	244	1820671	64.78	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	94121	29.88	ng	# 75
3) Pyridine	3.93	79	262057	27.92	ng	# 67
4) n-Nitrosodimethylamine	3.84	42	97086	28.76	ng	# 19
6) Aniline	7.39	93	288975	20.38	ng	# 89
8) 2-Chlorophenol	7.64	128	303217	37.02	ng	# 85
9) Benzaldehyde	7.20	77	73515	12.16	ng	# 70
10) Phenol	7.26	94	433414	39.10	ng	# 73
11) bis(2-Chloroethyl)ether	7.49	93	291241	31.97	ng	# 85
12) 1,3-Dichlorobenzene	7.96	146	329418	34.79	ng	# 88
13) 1,4-Dichlorobenzene	8.11	146	330314	34.44	ng	# 95
14) 1,2-Dichlorobenzene	8.43	146	322269	34.22	ng	# 91
15) Benzyl Alcohol	8.30	79	254048	34.01	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.60	45	329859	24.95	ng	# 83
17) 2-Methylphenol	8.51	107	262947	32.93	ng	# 82
18) Hexachloroethane	9.15	117	112466	35.38	ng	# 85
19) n-Nitroso-di-n-propylamine	8.87	70	224558	30.14	ng	# 74
20) 3+4-Methylphenols	8.83	107	365515	32.13	ng	# 88
22) Acetophenone	8.88	105	442740	36.27	ng	# 76
24) Nitrobenzene	9.27	77	313771	35.99	ng	# 80
25) Isophorone	9.79	82	622198	35.07	ng	# 90
26) 2-Nitrophenol	9.98	139	168029	41.22	ng	# 67
27) 2,4-Dimethylphenol	10.04	122	285173	37.48	ng	# 87
28) bis(2-Chloroethoxy)methane	10.27	93	392327	34.90	ng	# 97
29) 2,4-Dichlorophenol	10.52	162	293641	40.44	ng	# 94
30) 1,2,4-Trichlorobenzene	10.73	180	301845	38.22	ng	# 96
31) Naphthalene	10.92	128	938269	35.67	ng	# 100
32) Benzoic acid	10.14	122	153955	26.50	ng	# 80
33) 4-Chloroaniline	11.02	127	148510	13.00	ng	# 84
34) Hexachlorobutadiene	11.21	225	170949	38.04	ng	# 98
35) Caprolactam	11.77	113	111643	38.07	ng	# 61
36) 4-Chloro-3-methylphenol	12.13	107	319098	36.73	ng	# 83
37) 2-Methylnaphthalene	12.51	142	712397	35.56	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	318737	42.90	ng	# 98
40) Hexachlorocyclopentadiene	12.87	237	363230	89.34	ng	# 97

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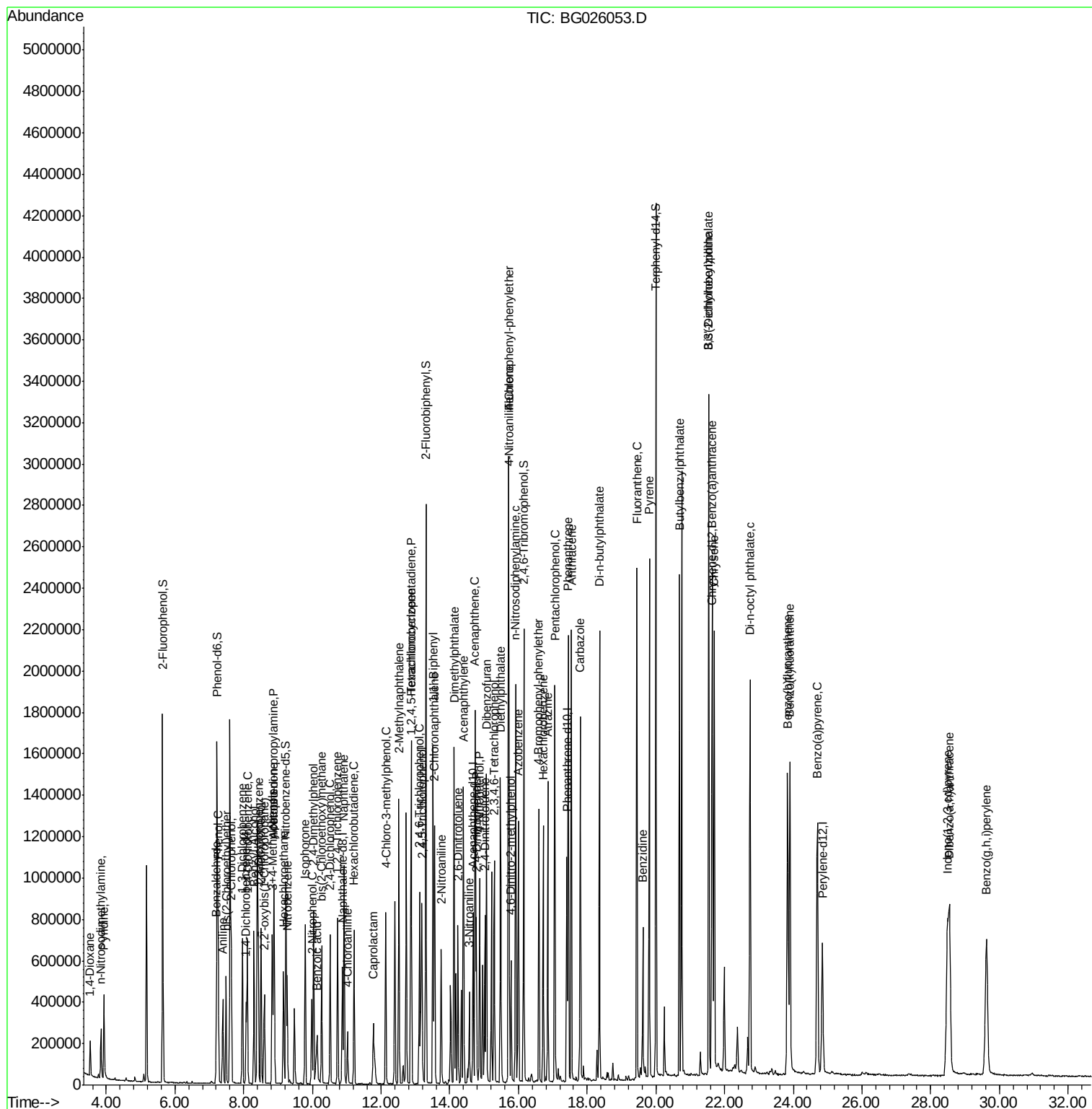
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	228953	47.71	ng	99
43) 2,4,5-Trichlorophenol	13.18	196	238344	43.75	ng #	93
45) 1,1'-Biphenyl	13.51	154	904505	42.10	ng	98
46) 2-Chloronaphthalene	13.55	162	665306	42.84	ng	98
47) 2-Nitroaniline	13.75	65	196251	39.84	ng #	66
48) Acenaphthylene	14.40	152	1115334	40.33	ng	99
49) Dimethylphthalate	14.12	163	1145112	56.30	ng	98
50) 2,6-Dinitrotoluene	14.24	165	200050	43.79	ng #	65
51) Acenaphthene	14.74	154	807742	44.23	ng	98
52) 3-Nitroaniline	14.57	138	127583	24.97	ng #	73
53) 2,4-Dinitrophenol	14.77	184	197989	82.82	ng #	87
54) Dibenzofuran	15.07	168	1048043	43.05	ng	90
55) 4-Nitrophenol	14.87	139	331206	79.64	ng #	44
56) 2,4-Dinitrotoluene	15.02	165	273030	44.42	ng #	77
57) Fluorene	15.72	166	877668	40.34	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.29	232	227352	47.31	ng	97
59) Diethylphthalate	15.48	149	896194	42.60	ng	97
60) 4-Chlorophenyl-phenylether	15.71	204	406800	40.35	ng	94
61) 4-Nitroaniline	15.72	138	208377	39.34	ng #	56
62) Azobenzene	15.99	77	796382	44.04	ng	85
64) 4,6-Dinitro-2-methylphenol	15.79	198	157775	39.63	ng	87
65) n-Nitrosodiphenylamine	15.92	169	771206	37.38	ng	98
66) 4-Bromophenyl-phenylether	16.59	248	272026	38.15	ng	95
67) Hexachlorobenzene	16.72	284	277723	37.79	ng	95
68) Atrazine	16.86	200	289125	39.60	ng	96
69) Pentachlorophenol	17.06	266	356153	78.57	ng	96
70) Phenanthrene	17.44	178	1359431	36.81	ng	97
71) Anthracene	17.54	178	1414532	37.57	ng	99
72) Carbazole	17.80	167	1280701	33.86	ng	96
73) Di-n-butylphthalate	18.36	149	1649464	44.43	ng #	93
74) Fluoranthene	19.45	202	1586018	39.01	ng	95
76) Benzidine	19.62	184	477834	22.15	ng	97
77) Pyrene	19.81	202	1599751	37.01	ng	98
79) Butylbenzylphthalate	20.68	149	739373	45.07	ng	88
80) Benzo(a)anthracene	21.63	228	1440640	36.10	ng	96
81) 3,3'-Dichlorobenzidine	21.55	252	287541	20.21	ng #	97
82) Chrysene	21.70	228	1304347	33.99	ng	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	1104410	46.62	ng	98
84) Di-n-octyl phthalate	22.74	149	1881654	48.10	ng #	83
85) Indeno(1,2,3-cd)pyrene	28.49	276	1472756	32.58	ng #	87
87) Benzo(b)fluoranthene	23.83	252	1425040	37.13	ng #	95
88) Benzo(k)fluoranthene	23.90	252	1405220	37.52	ng #	93
89) Benzo(a)pyrene	24.70	252	1336526	36.77	ng #	93
90) Dibenzo(a,h)anthracene	28.55	278	1186495	32.50	ng #	94
91) Benzo(g,h,i)perylene	29.62	276	1264596	34.54	ng #	88

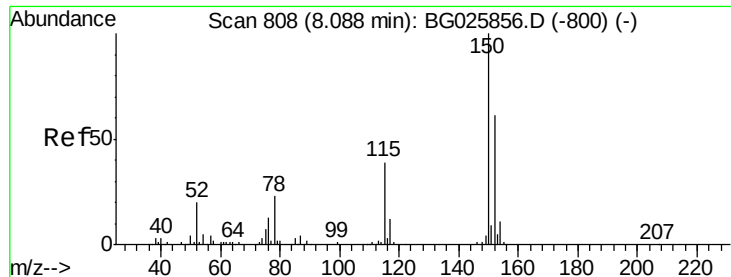
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

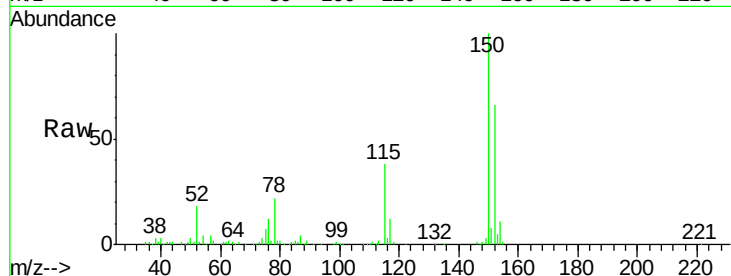
Tgt Ion:152 Resp: 119998

Ion Ratio Lower Upper

152 100

150 152.6 114.0 171.0

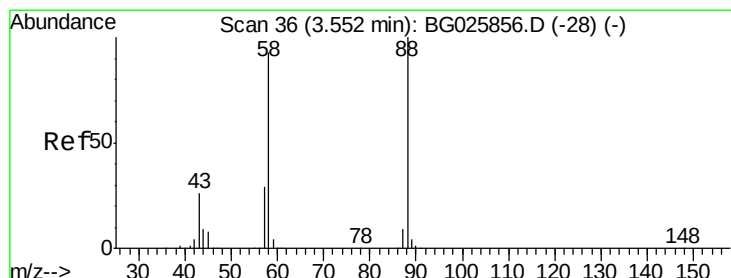
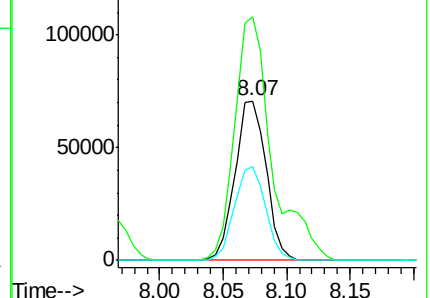
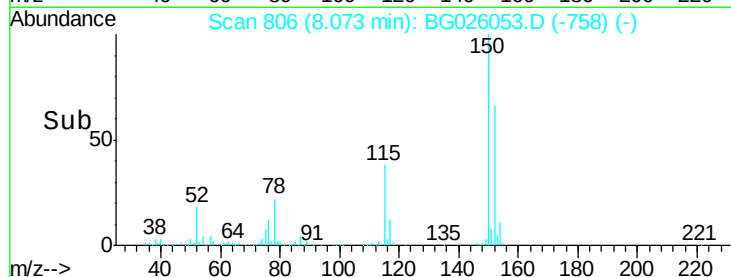
115 58.5 48.1 72.1



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: 29.88 ng

RT: 3.54 min Scan# 34

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

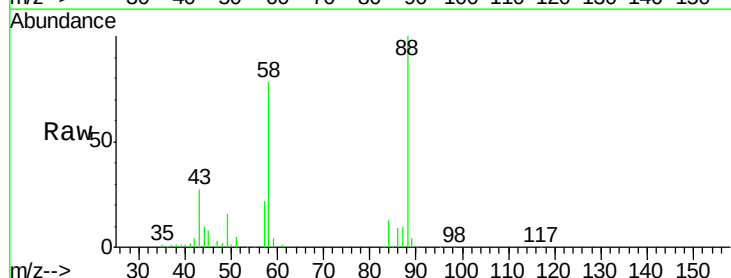
Tgt Ion: 88 Resp: 94121

Ion Ratio Lower Upper

88 100

58 78.1 79.4 119.2#

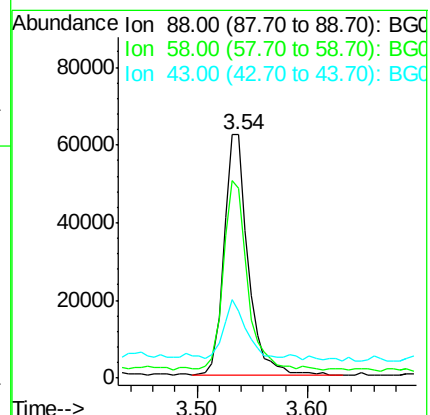
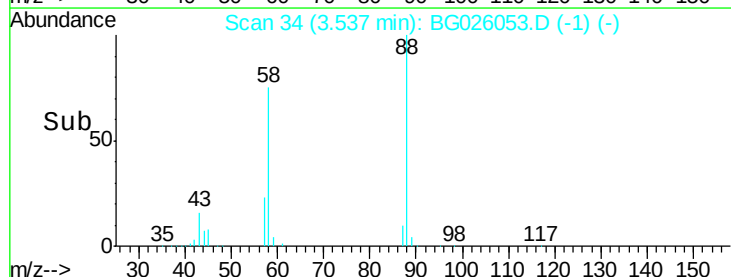
43 21.8 33.8 50.6#

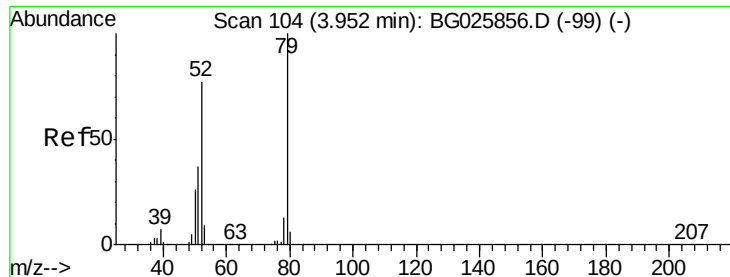


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.92 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

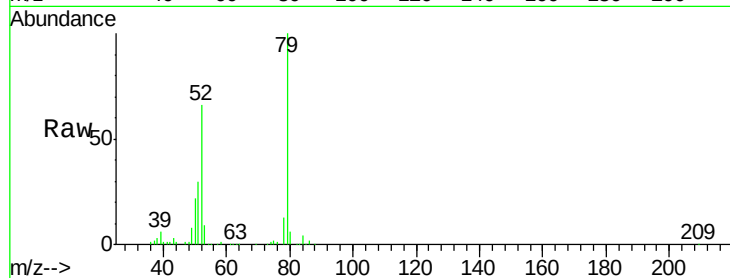
Tgt Ion: 79 Resp: 262057

Ion Ratio Lower Upper

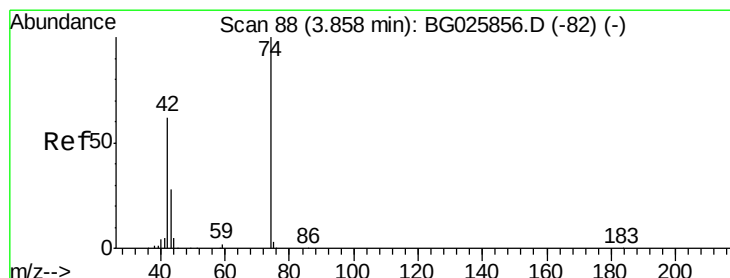
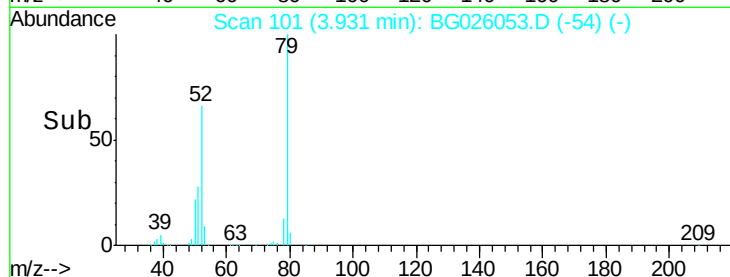
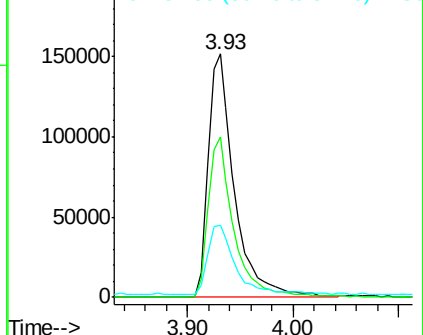
79 100

52 65.7 77.8 116.6#

51 29.6 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 28.76 ng

RT: 3.84 min Scan# 86

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

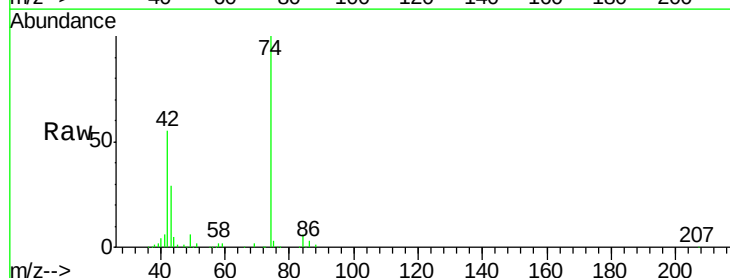
Tgt Ion: 42 Resp: 97086

Ion Ratio Lower Upper

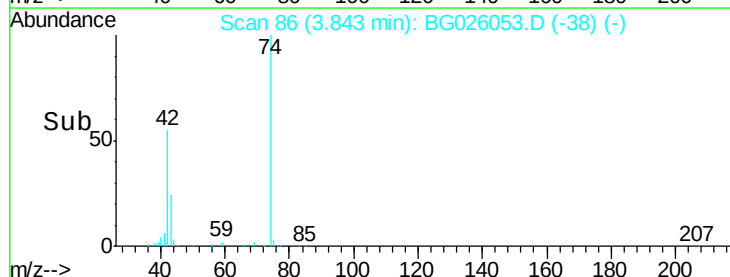
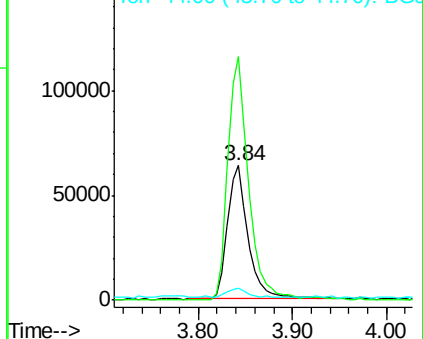
42 100

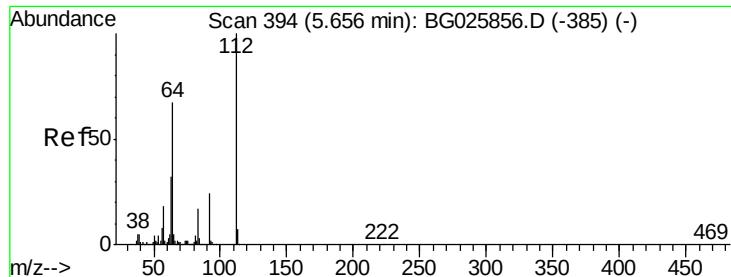
74 181.2 76.7 115.1#

44 8.5 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: 121.23 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

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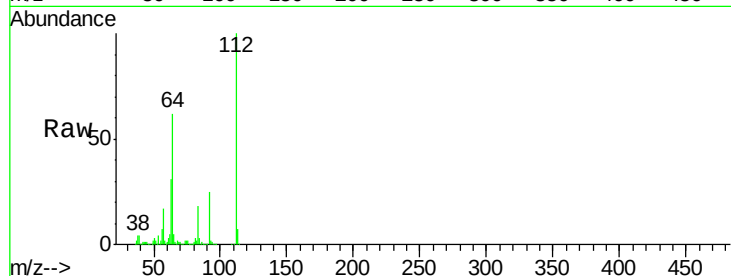
Tgt Ion: 112 Resp: 835548

Ion Ratio Lower Upper

112 100

64 62.1 61.8 92.6

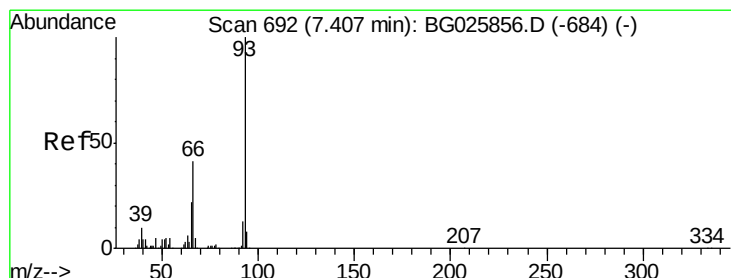
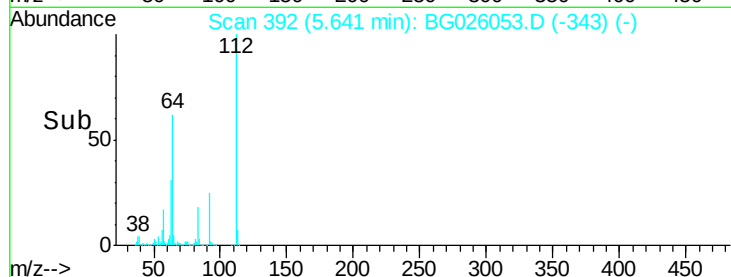
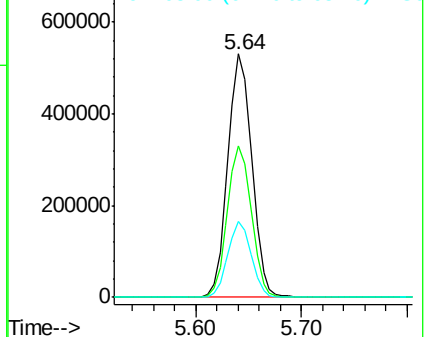
63 30.9 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.38 ng

RT: 7.39 min Scan# 690

Delta R.T. -0.02 min

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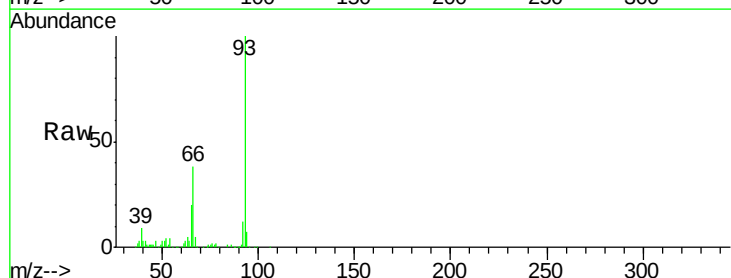
Tgt Ion: 93 Resp: 288975

Ion Ratio Lower Upper

93 100

66 37.6 35.4 53.2

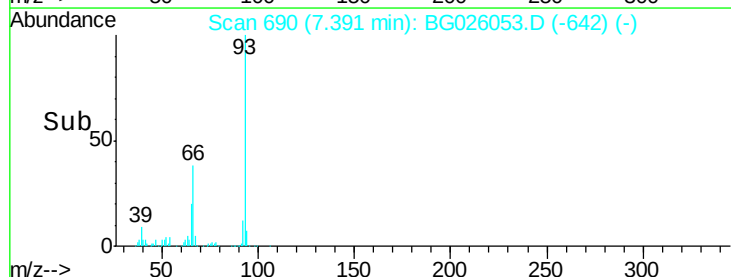
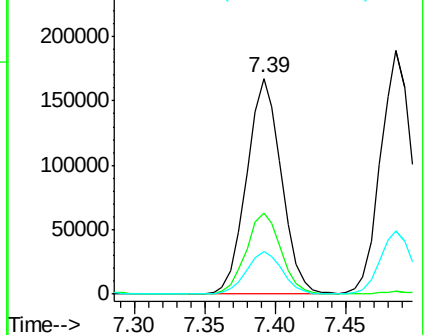
65 20.0 21.2 31.8#

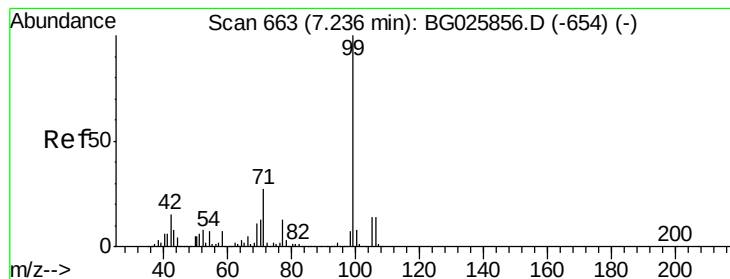


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.51 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

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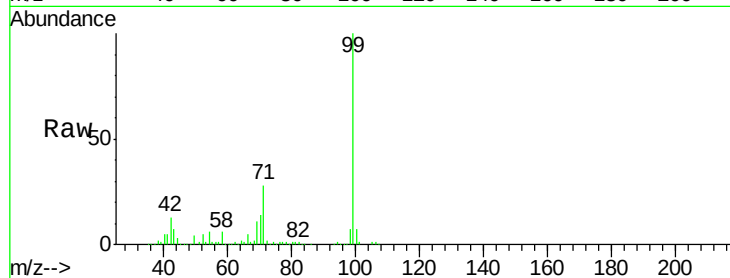
Tgt Ion: 99 Resp: 1116928

Ion Ratio Lower Upper

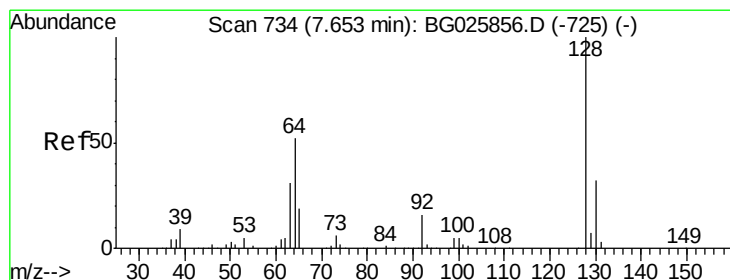
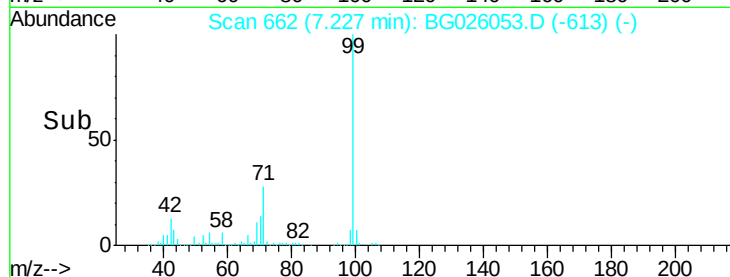
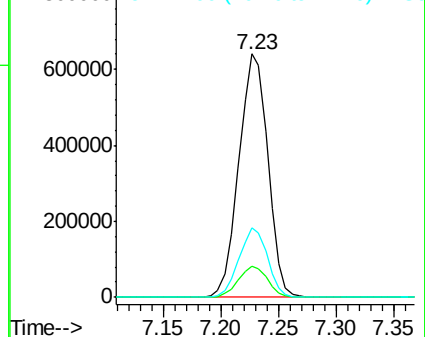
99 100

42 12.8 20.5 30.7#

71 28.4 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 37.02 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

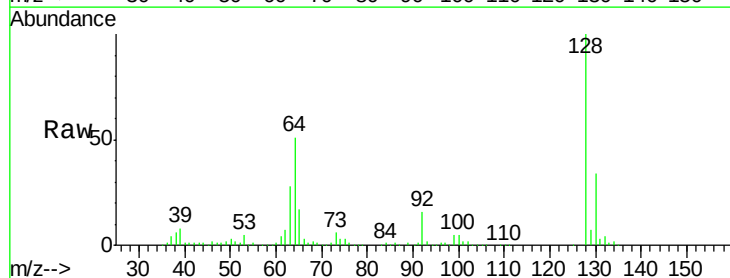
Tgt Ion: 128 Resp: 303217

Ion Ratio Lower Upper

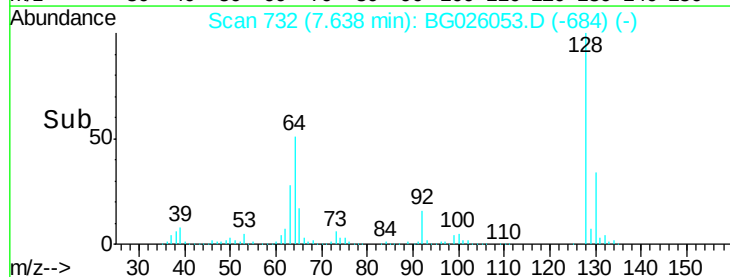
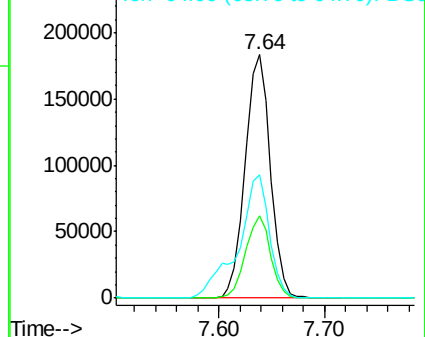
128 100

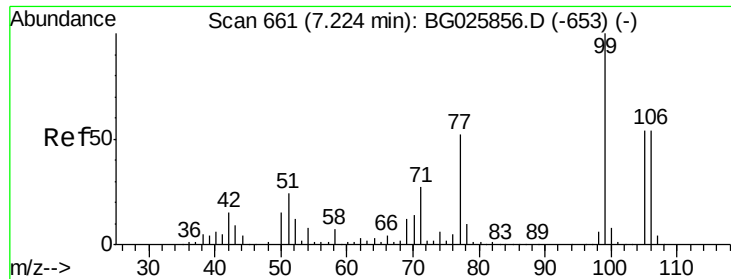
130 33.6 11.4 51.4

64 50.6 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 12.16 ng

RT: 7.20 min Scan# 658

Delta R.T. -0.02 min

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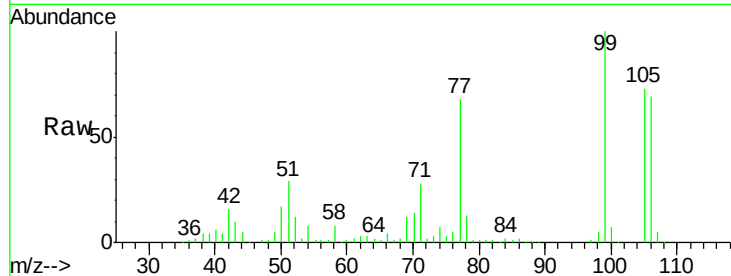
Tgt Ion: 77 Resp: 73515

Ion Ratio Lower Upper

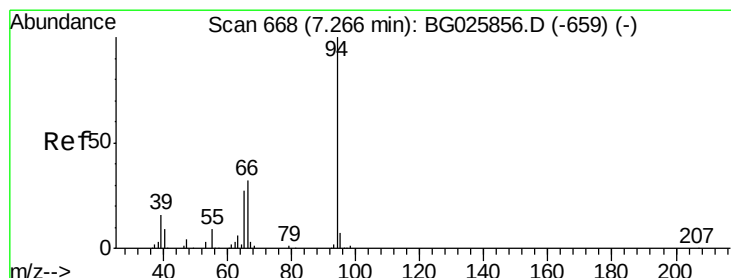
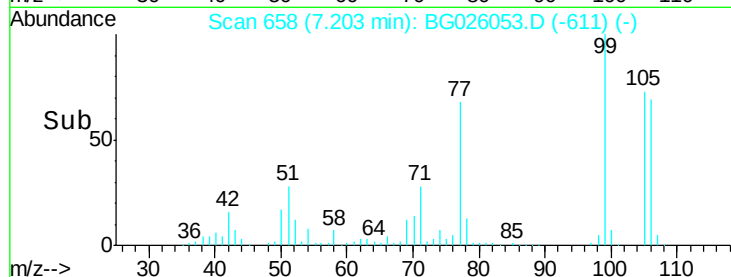
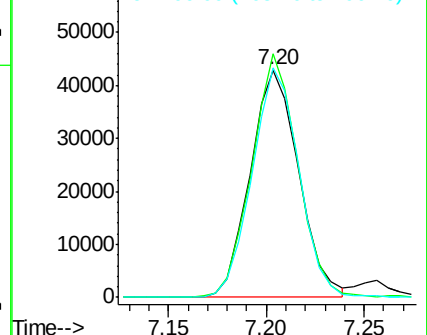
77 100

105 107.1 60.9 100.9#

106 100.7 55.1 95.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.10 ng

RT: 7.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

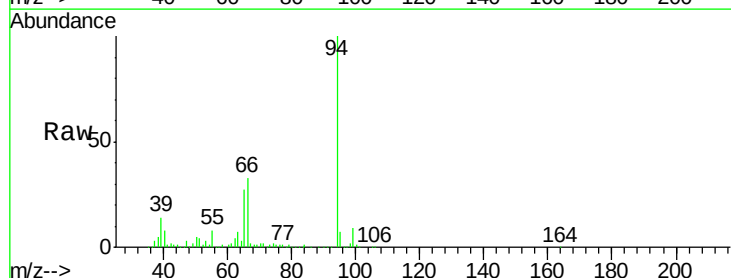
Tgt Ion: 94 Resp: 433414

Ion Ratio Lower Upper

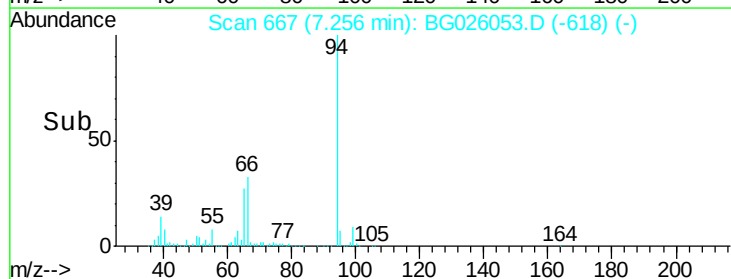
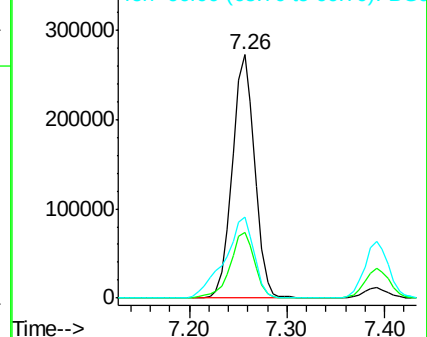
94 100

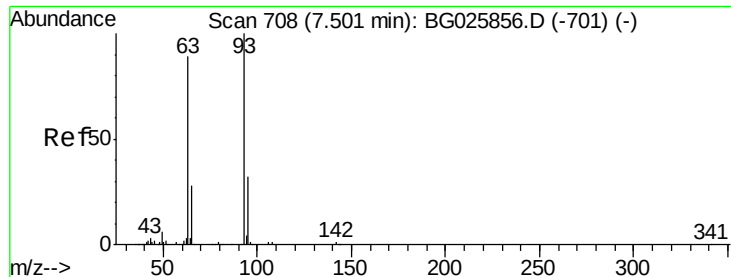
65 26.8 20.6 60.6

66 33.1 35.5 75.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

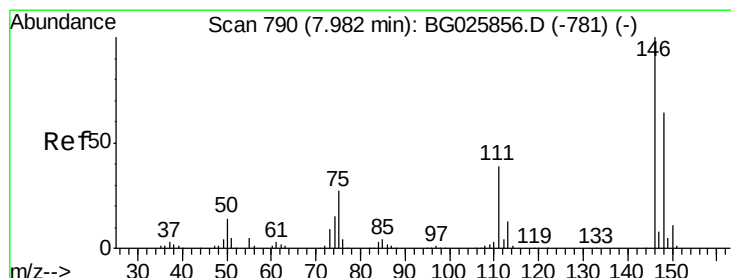
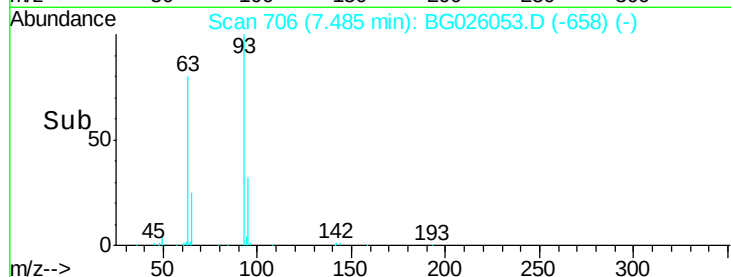
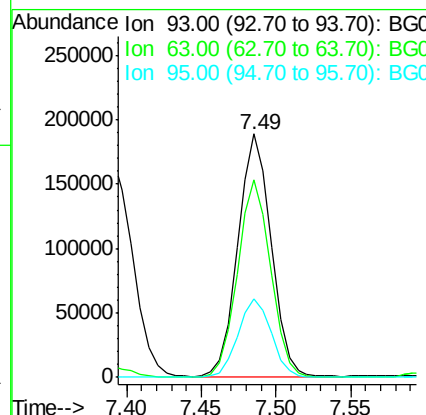
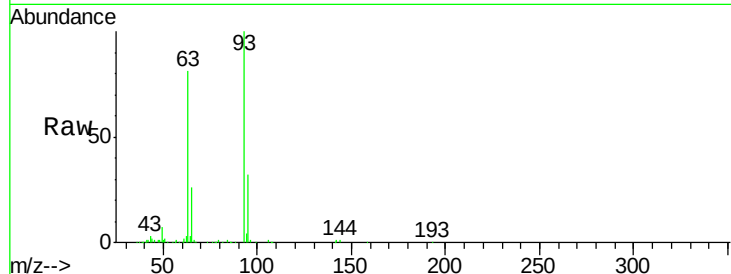




#11
bis(2-Chloroethyl)ether
Concen: 31.97 ng
RT: 7.49 min Scan# 706
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

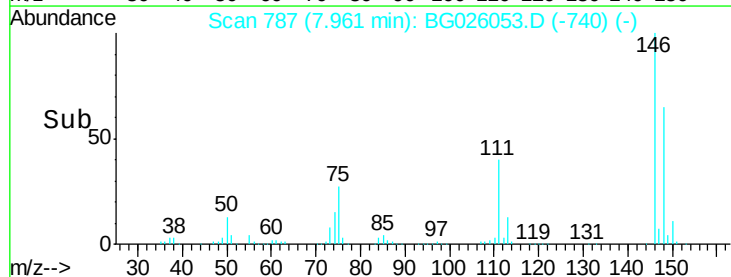
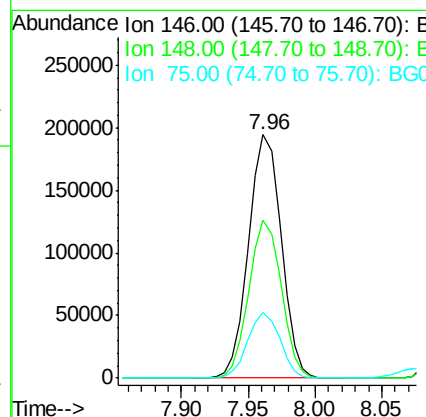
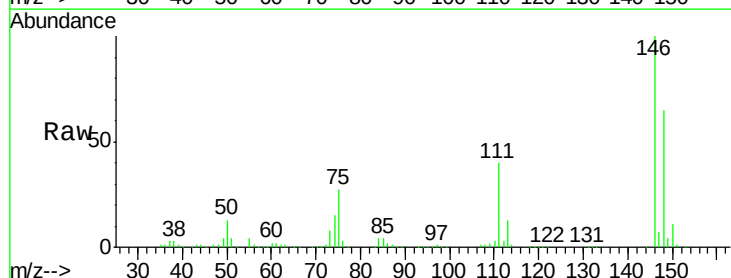
Instrument :
BNA_G
ClientSampleId :
28B-4MSD

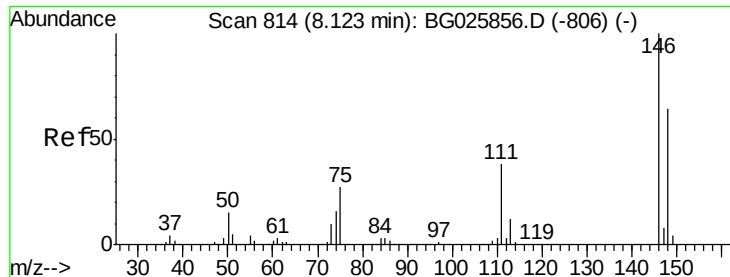
Tgt Ion: 93 Resp: 291241
Ion Ratio Lower Upper
93 100
63 81.0 78.5 118.5
95 32.2 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 34.79 ng
RT: 7.96 min Scan# 787
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

Tgt Ion: 146 Resp: 329418
Ion Ratio Lower Upper
146 100
148 65.0 49.2 73.8
75 26.8 33.4 50.2#

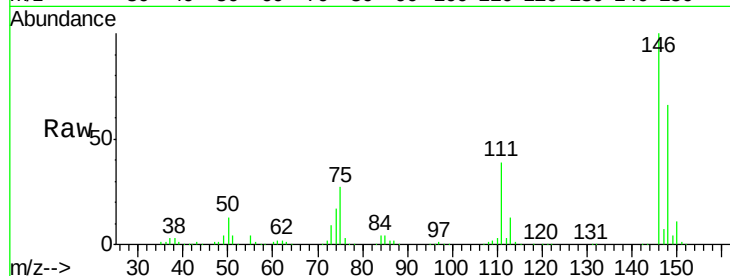




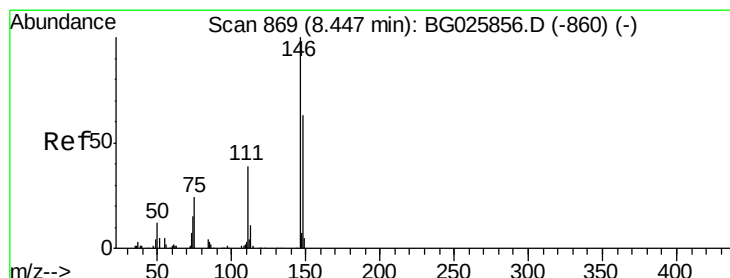
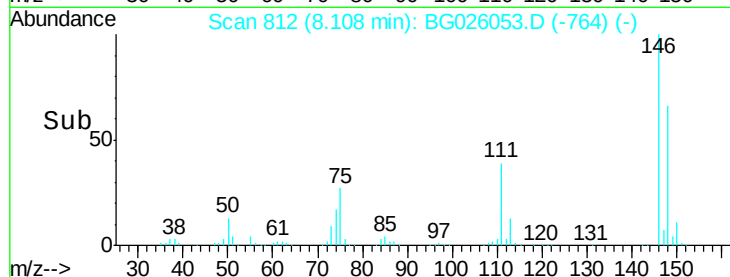
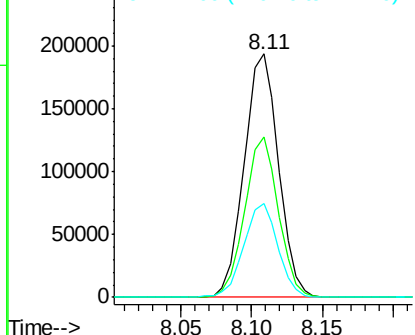
#13
 1,4-Dichlorobenzene
 Concen: 34.44 ng
 RT: 8.11 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MSD

Tgt Ion:146 Resp: 330314
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.2 78.2
 111 38.6 37.0 55.6

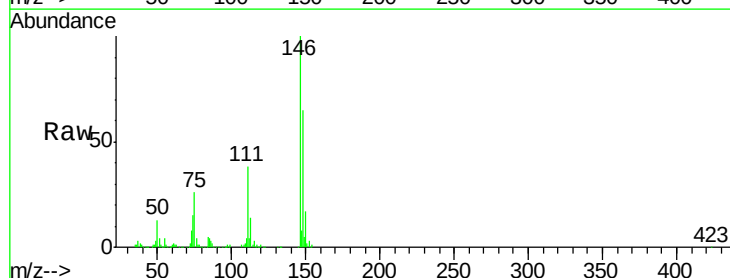


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

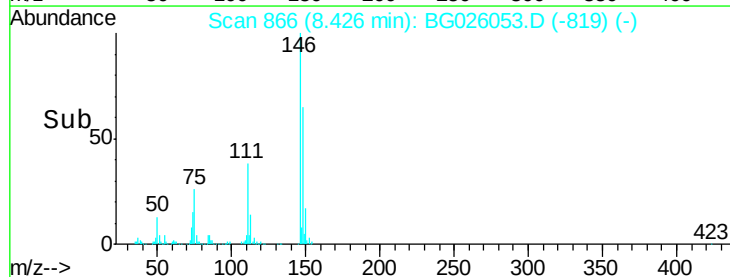
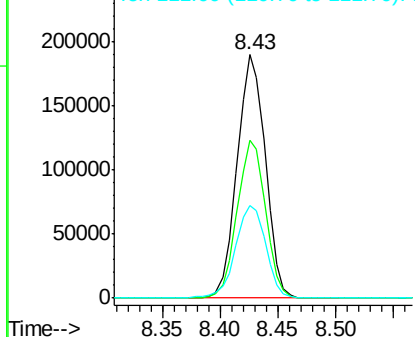


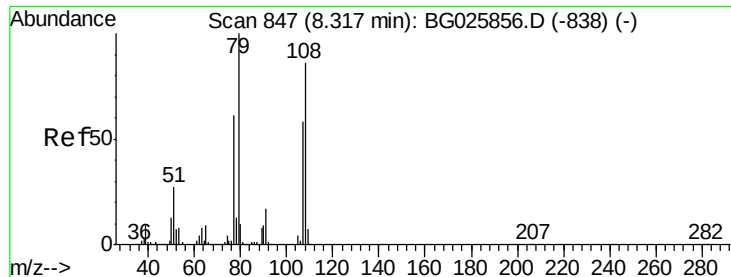
#14
 1,2-Dichlorobenzene
 Concen: 34.22 ng
 RT: 8.43 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

Tgt Ion:146 Resp: 322269
 Ion Ratio Lower Upper
 146 100
 148 64.8 54.6 81.8
 111 38.1 39.7 59.5#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.01 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

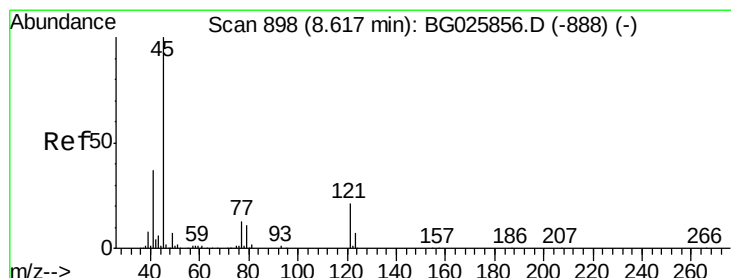
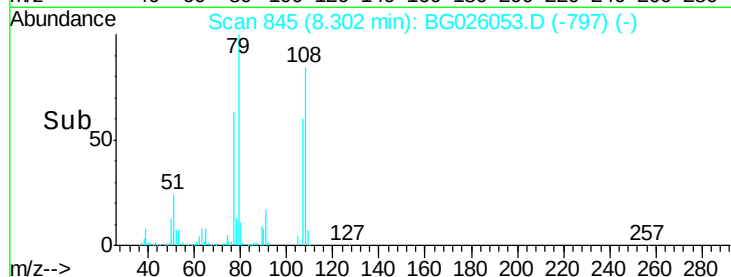
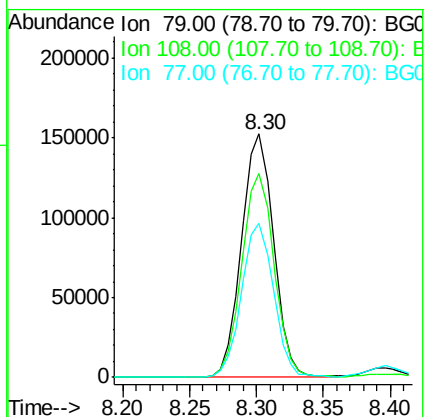
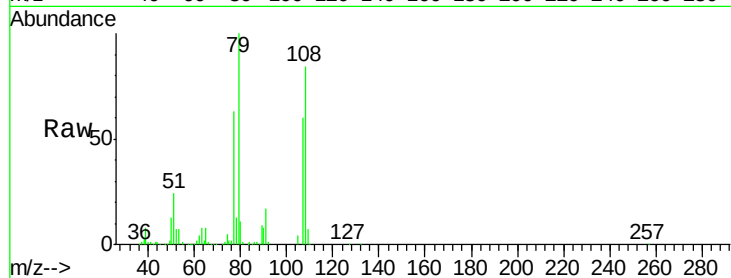
Tgt Ion: 79 Resp: 254048

Ion Ratio Lower Upper

79 100

108 83.9 45.5 68.3#

77 63.4 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 24.95 ng

RT: 8.60 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

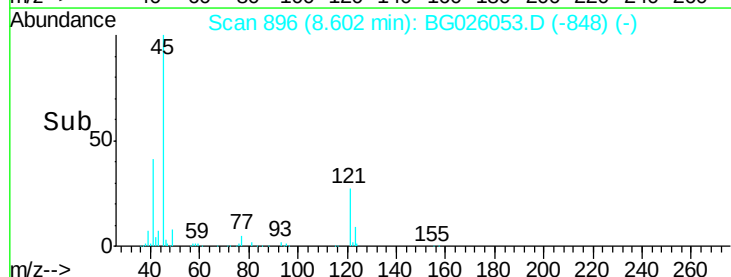
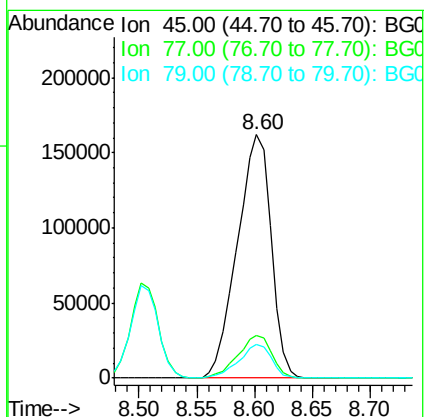
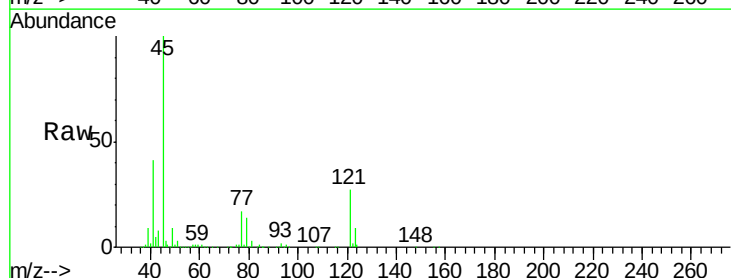
Tgt Ion: 45 Resp: 329859

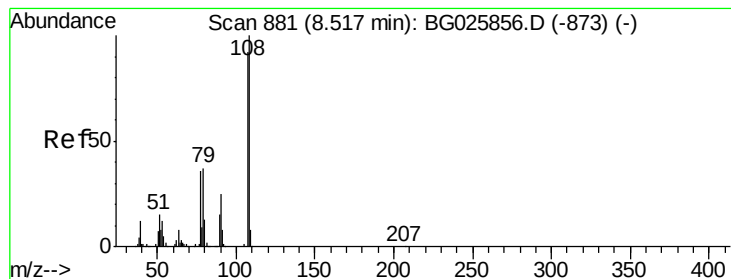
Ion Ratio Lower Upper

45 100

77 17.4 0.0 30.6

79 14.0 0.0 28.5





#17

2-Methylphenol

Concen: 32.93 ng

RT: 8.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

Tgt Ion:107 Resp: 262947

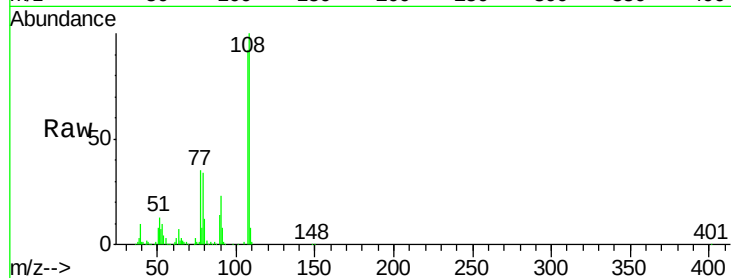
Ion Ratio Lower Upper

107 100

108 108.1 85.6 128.4

77 38.3 51.4 77.2#

79 37.0 49.2 73.8#

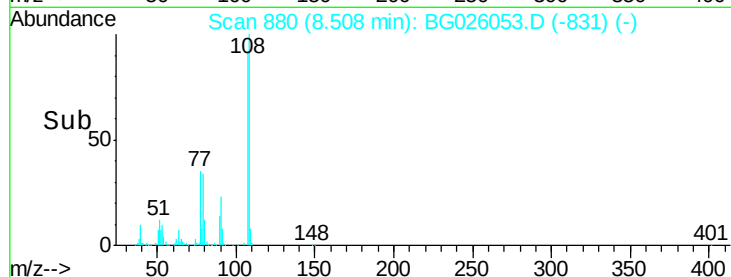


Abundance Ion 107.00 (106.70 to 107.70): E

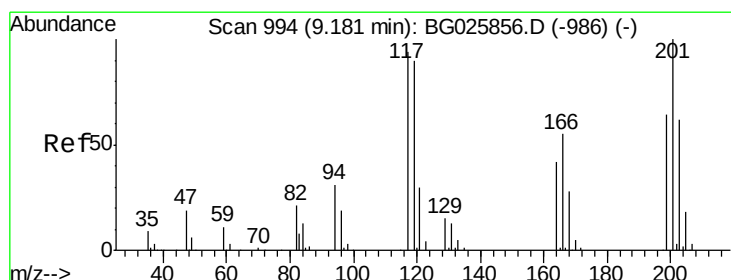
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 35.38 ng

RT: 9.15 min Scan# 990

Delta R.T. -0.03 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

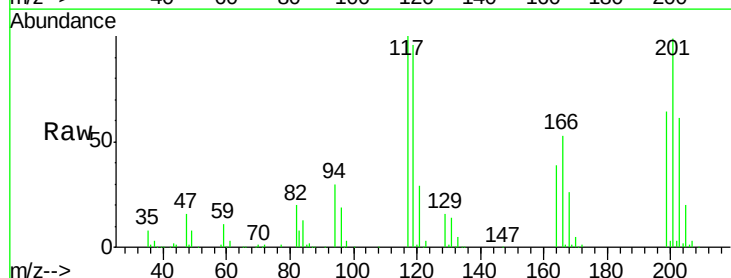
Tgt Ion:117 Resp: 112466

Ion Ratio Lower Upper

117 100

119 96.0 69.8 104.6

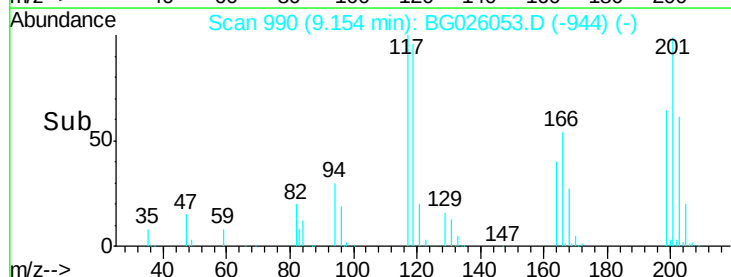
201 98.9 95.4 143.0



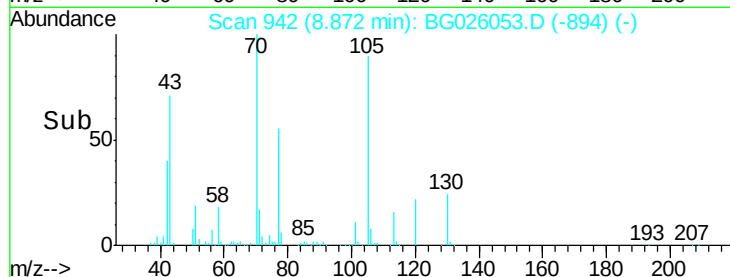
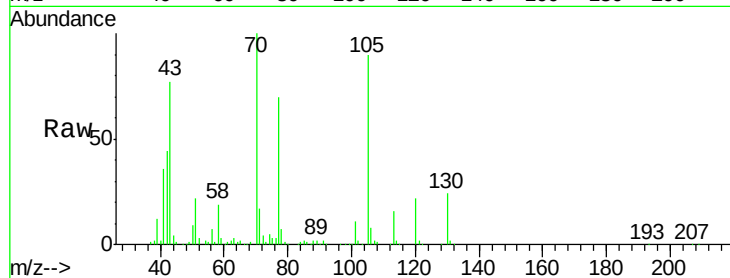
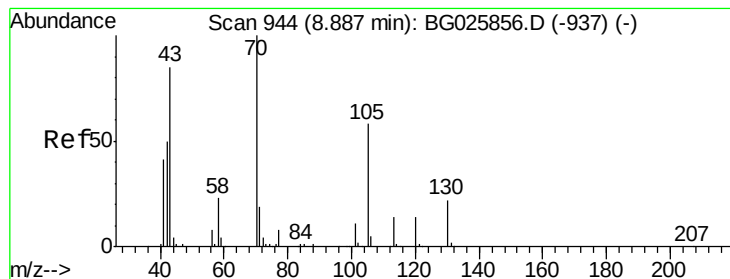
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 30.14 ng

RT: 8.87 min Scan# 942

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

Tgt Ion: 70 Resp: 224558

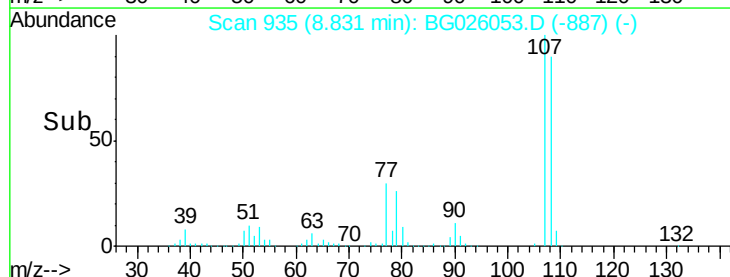
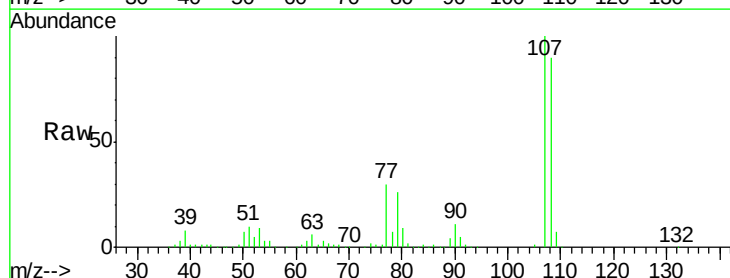
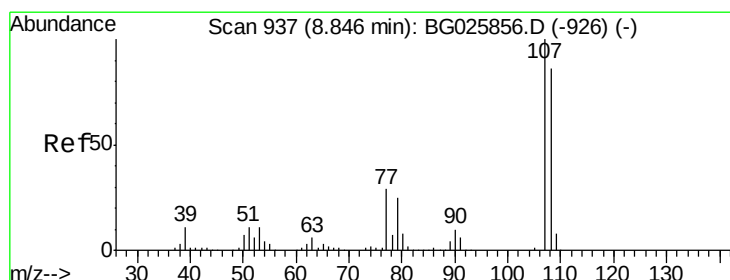
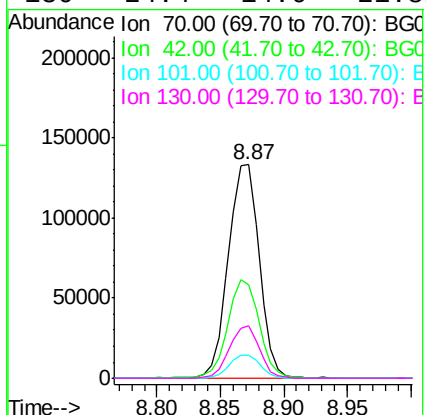
Ion Ratio Lower Upper

70 100

42 43.9 56.1 84.1#

101 11.1 7.5 11.3

130 24.4 14.6 21.8#



#20

3+4-Methylphenols

Concen: 32.13 ng

RT: 8.83 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Tgt Ion: 107 Resp: 365515

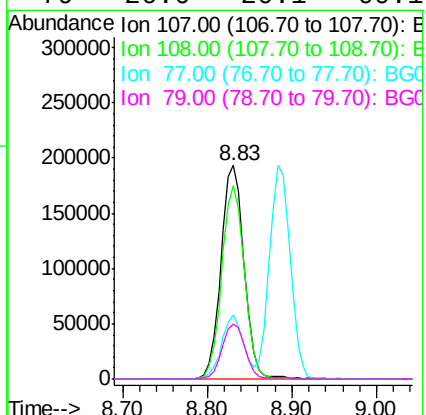
Ion Ratio Lower Upper

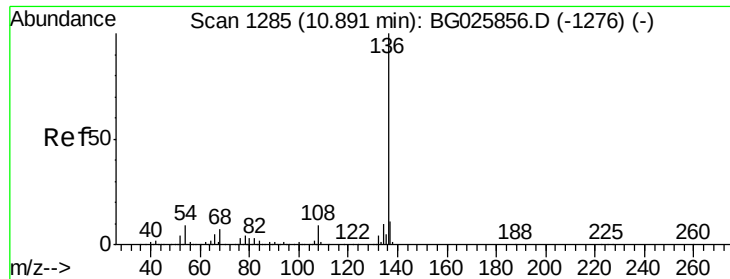
107 100

108 90.3 70.8 110.8

77 29.9 25.8 65.8

79 26.0 20.1 60.1

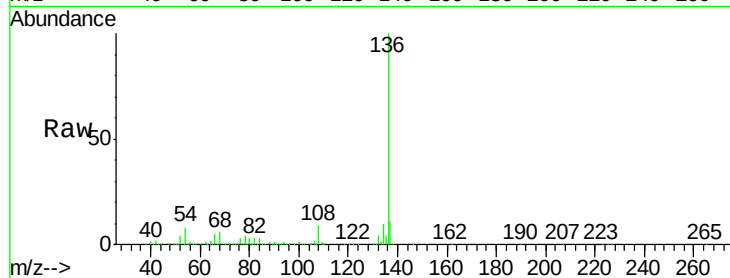




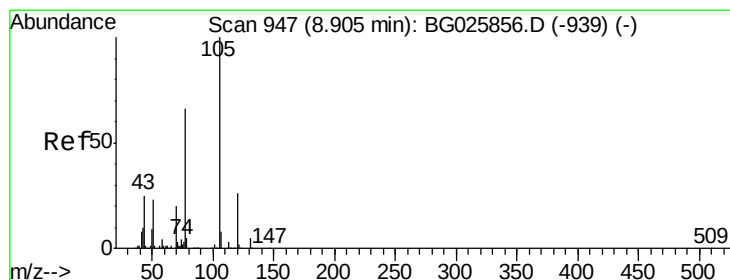
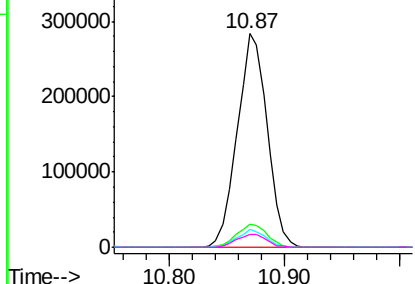
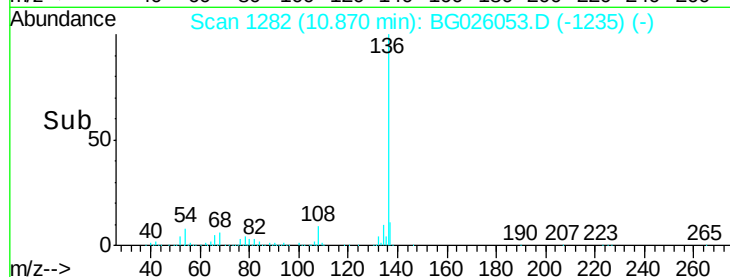
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

Instrument :
BNA_G
ClientSampleId :
28B-4MSD

Tgt Ion:	136	Resp:	508744
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.5	9.3	13.9#
68	6.3	5.1	7.7

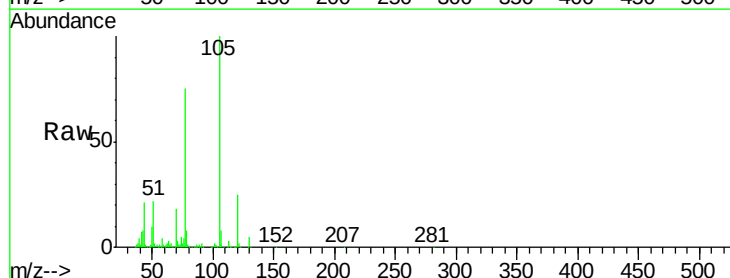


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

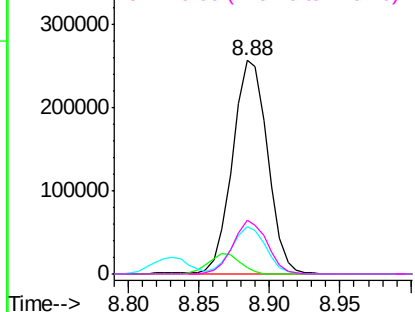
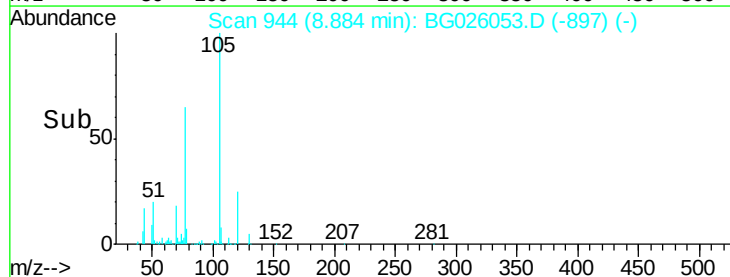


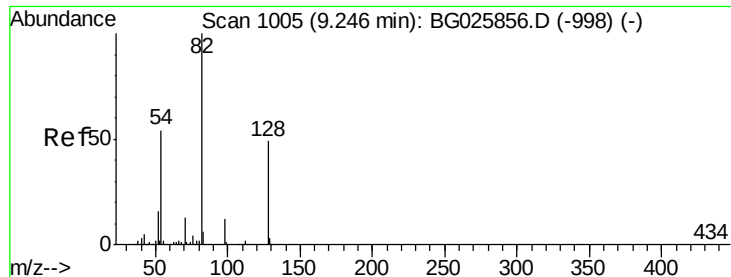
#22
Acetophenone
Concen: 36.27 ng
RT: 8.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

Tgt Ion:	105	Resp:	442740
Ion	Ratio	Lower	Upper
105	100		
71	3.1	0.9	1.3#
51	22.2	34.0	51.0#
120	25.4	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

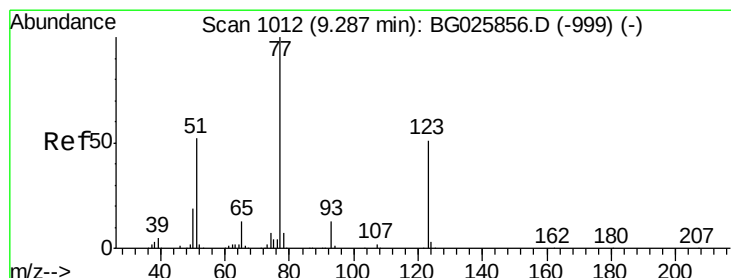
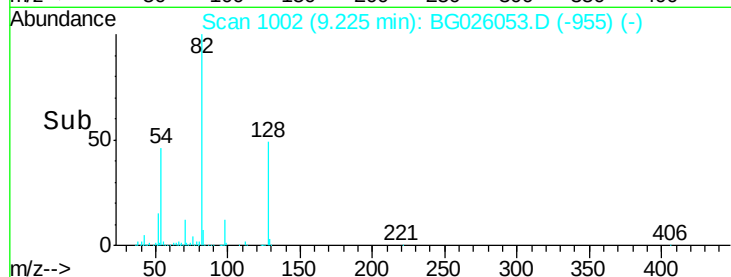
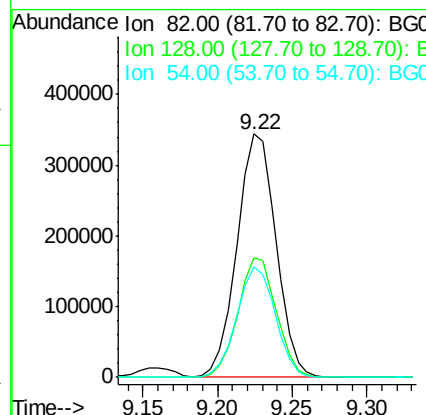
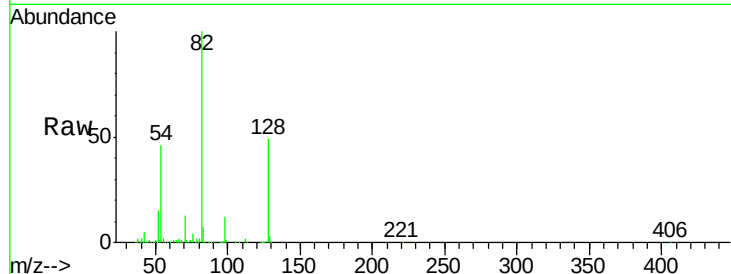




#23
 Nitrobenzene-d5
 Concen: 77.37 ng
 RT: 9.22 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

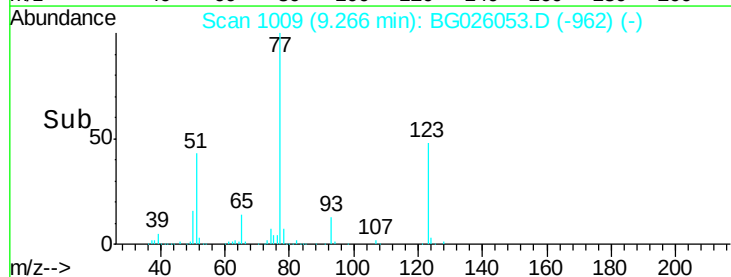
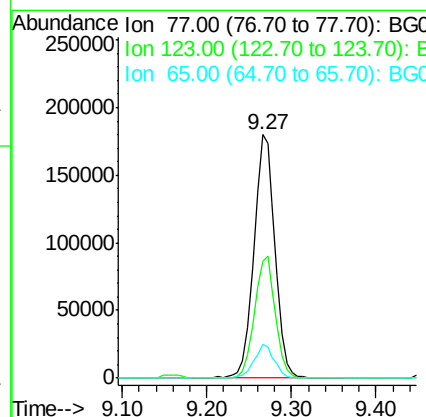
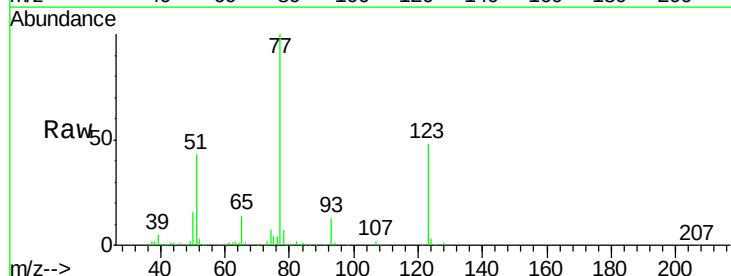
Instrument :
 BNA_G
 ClientSampleId :
 28B-4MSD

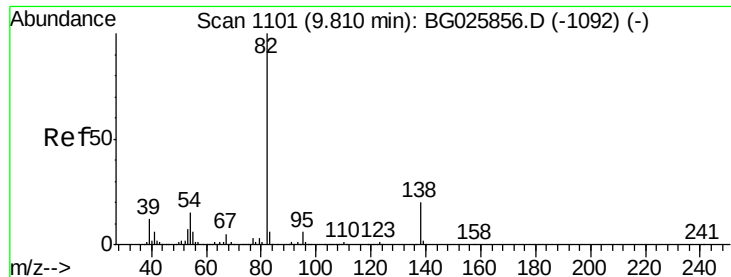
Tgt Ion: 82 Resp: 623754
 Ion Ratio Lower Upper
 82 100
 128 49.0 26.4 39.6#
 54 45.6 49.4 74.2#



#24
 Nitrobenzene
 Concen: 35.99 ng
 RT: 9.27 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

Tgt Ion: 77 Resp: 313771
 Ion Ratio Lower Upper
 77 100
 123 47.9 26.1 39.1#
 65 14.1 12.4 18.6





#25

Isophorone

Concen: 35.07 ng

RT: 9.79 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

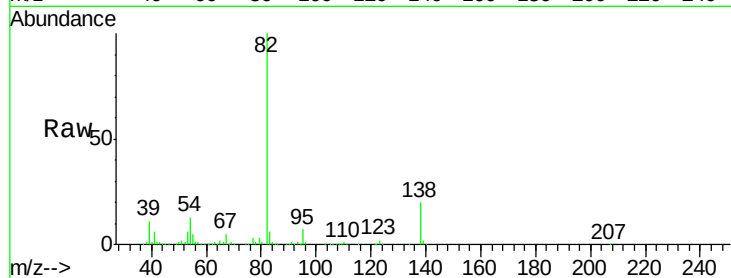
Tgt Ion: 82 Resp: 622198

Ion Ratio Lower Upper

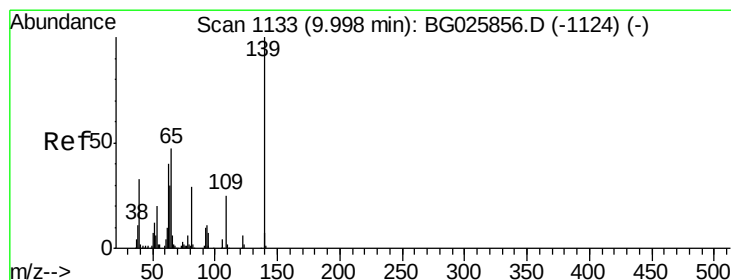
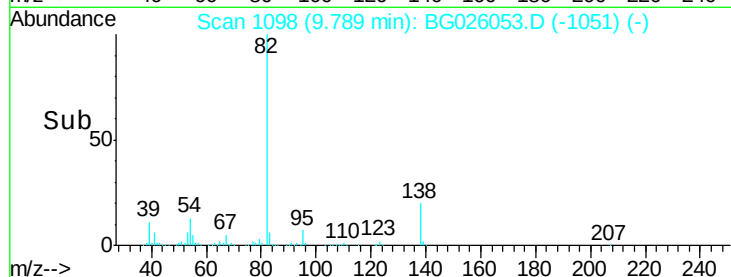
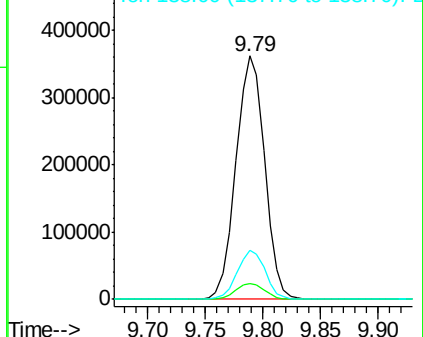
82 100

95 6.6 7.5 11.3#

138 20.1 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: 41.22 ng

RT: 9.98 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

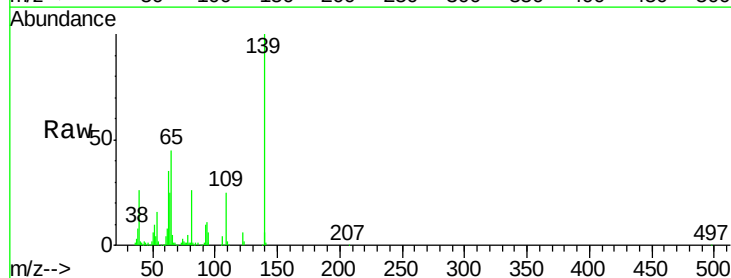
Tgt Ion: 139 Resp: 168029

Ion Ratio Lower Upper

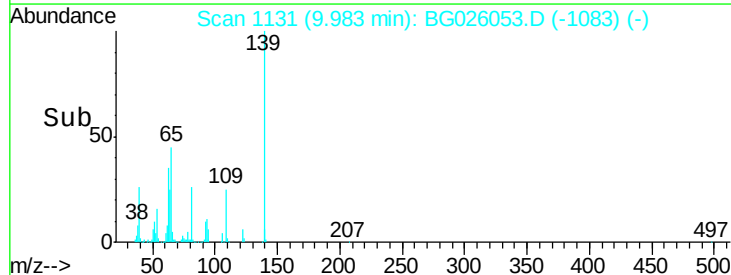
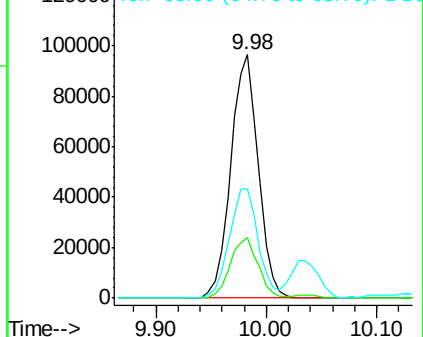
139 100

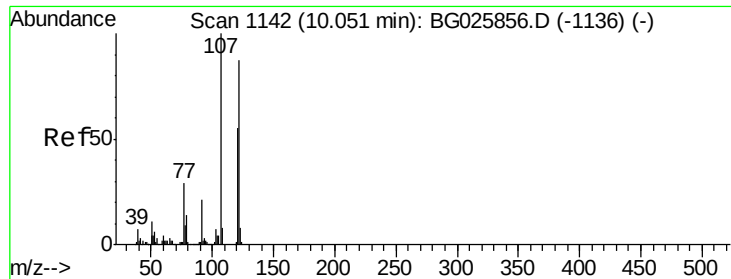
109 24.7 38.6 58.0#

65 44.7 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

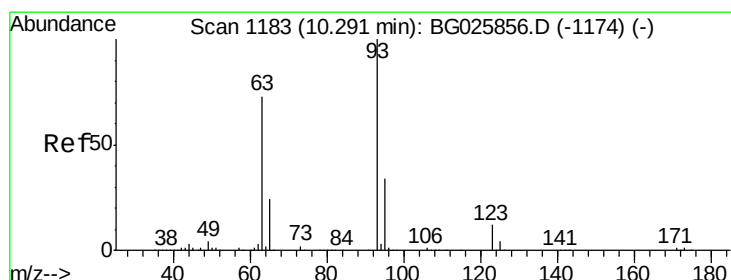
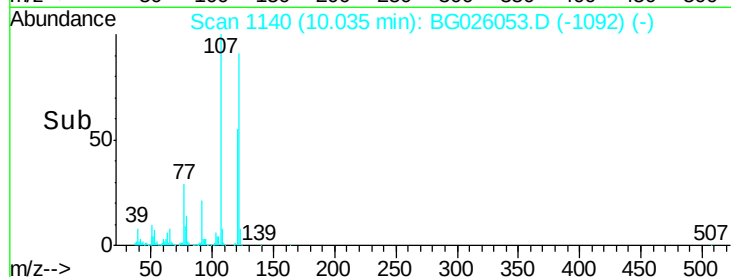
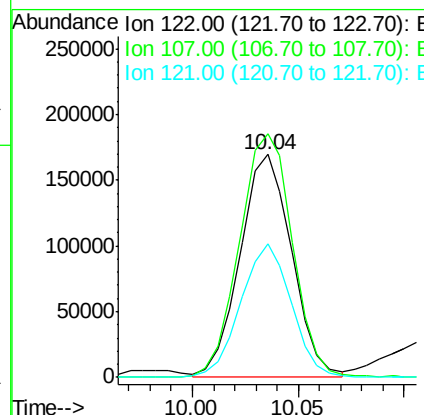
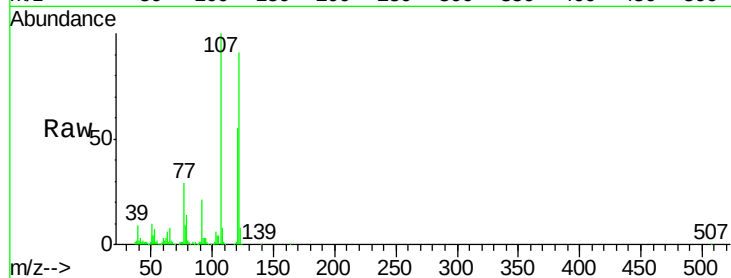




#27
 2,4-Dimethylphenol
 Concen: 37.48 ng
 RT: 10.04 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

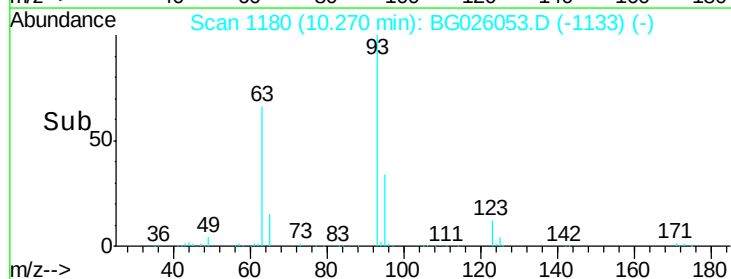
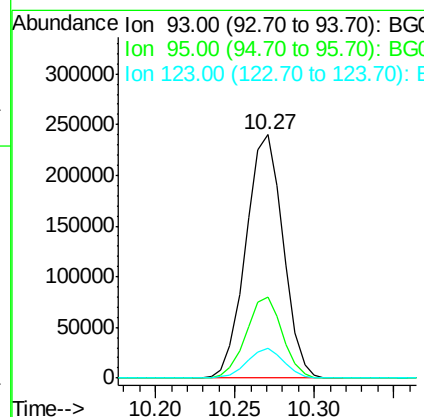
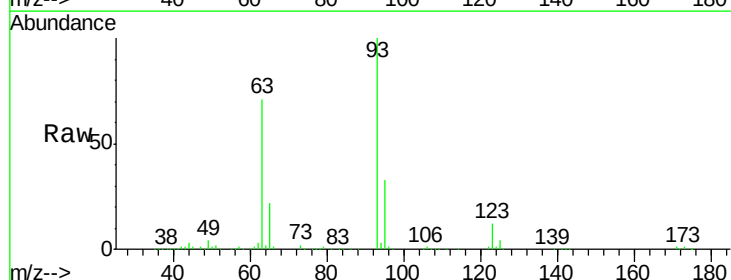
Instrument :
 BNA_G
 ClientSampleId :
 28B-4MSD

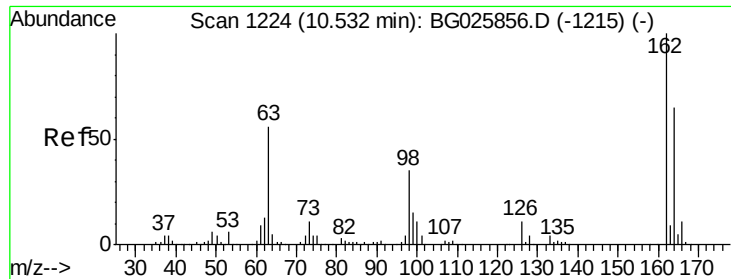
Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.4	104.2	156.4
121	59.9	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.90 ng
 RT: 10.27 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.7	38.5
123	12.1	8.3	12.5

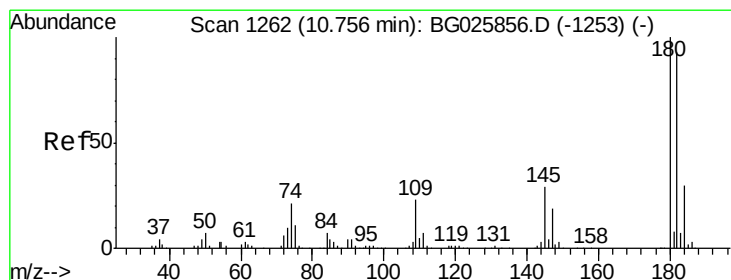
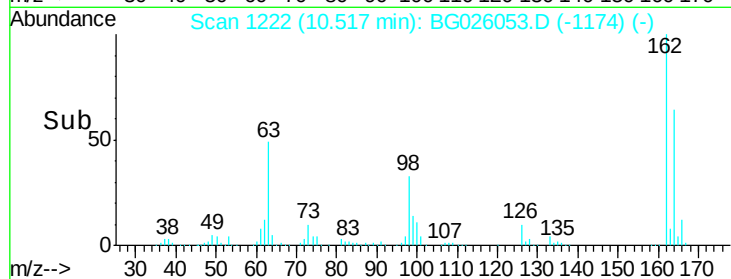
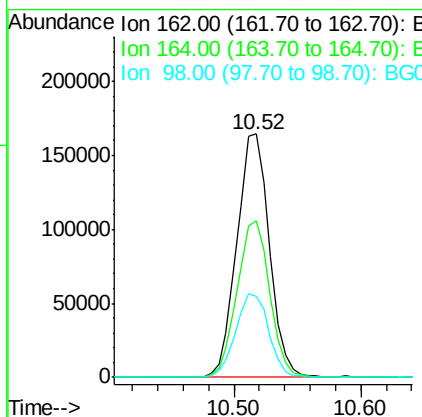
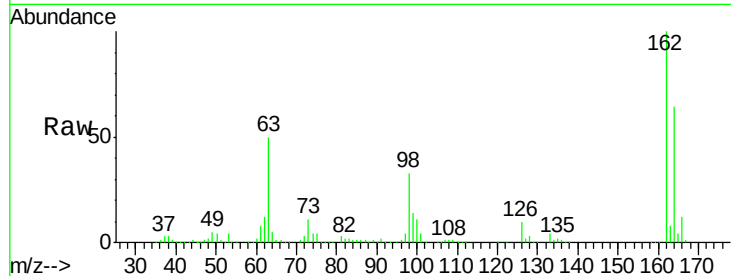




#29
 2,4-Dichlorophenol
 Concen: 40.44 ng
 RT: 10.52 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

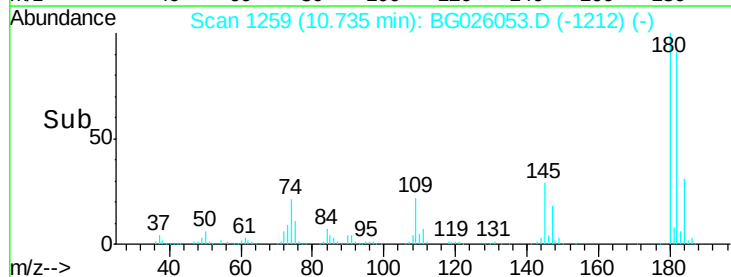
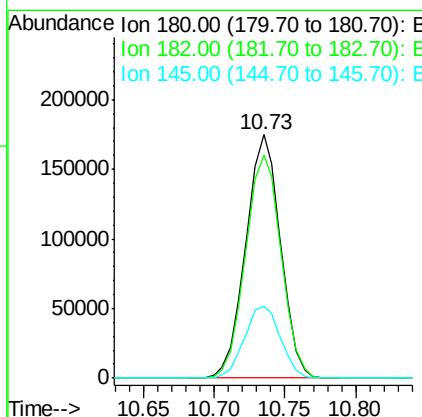
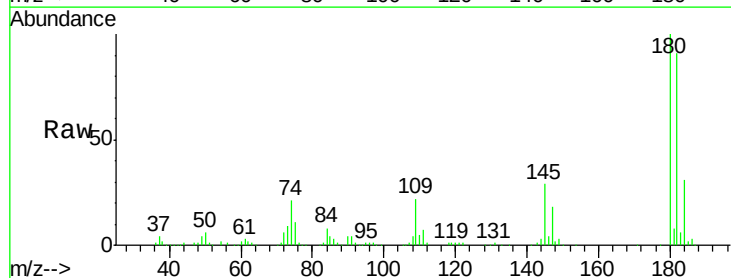
Instrument :
 BNA_G
 ClientSampleId :
 28B-4MSD

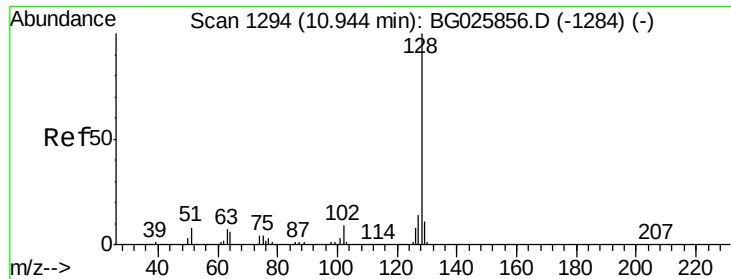
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.4	82.4
98	33.3	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 38.22 ng
 RT: 10.73 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	77.0	115.4
145	29.4	23.4	35.0

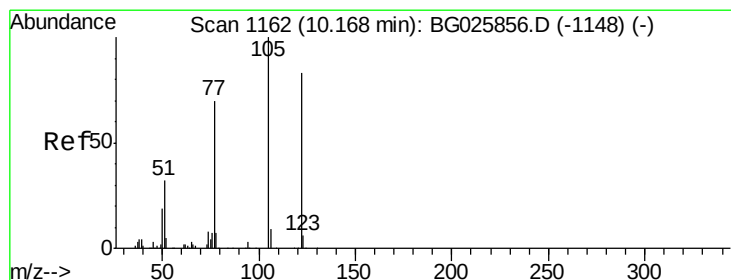
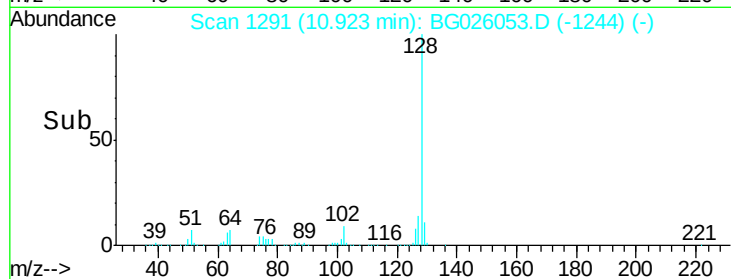
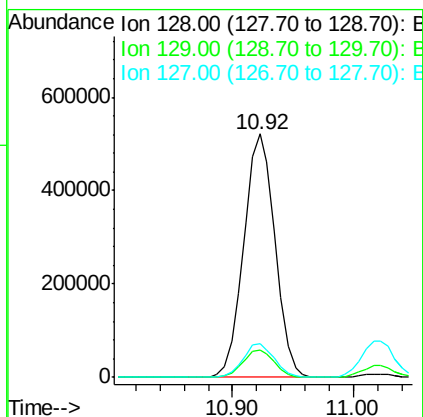
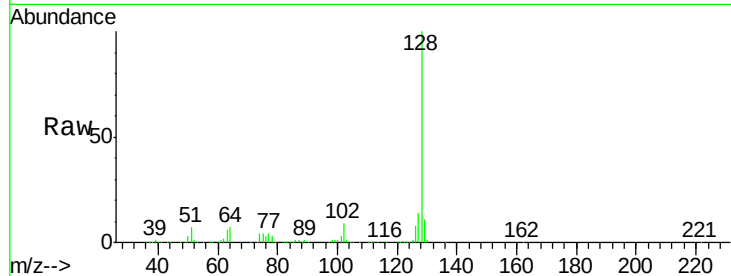




#31
Naphthalene
Concen: 35.67 ng
RT: 10.92 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

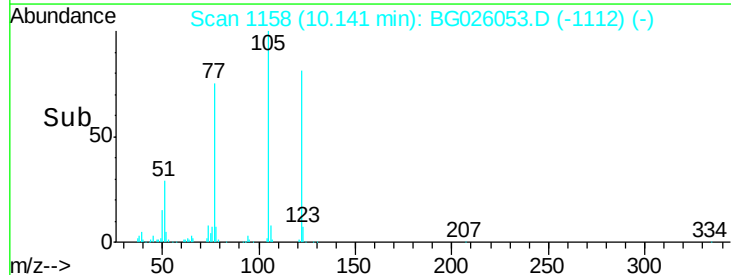
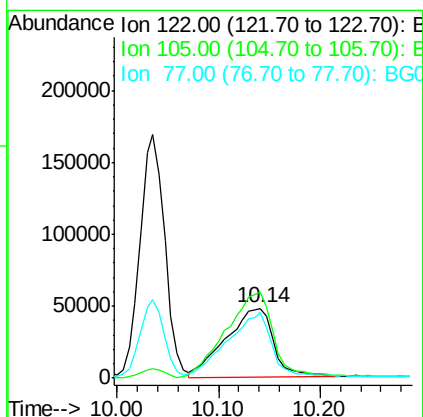
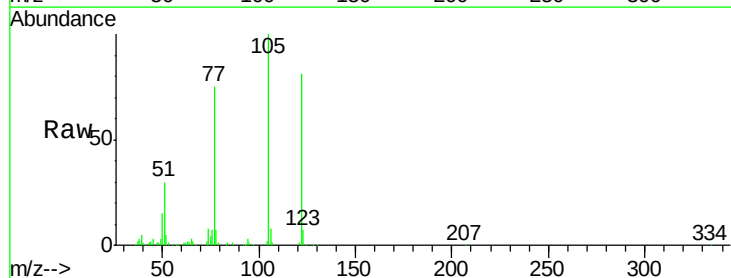
Instrument :
BNA_G
ClientSampleId :
28B-4MSD

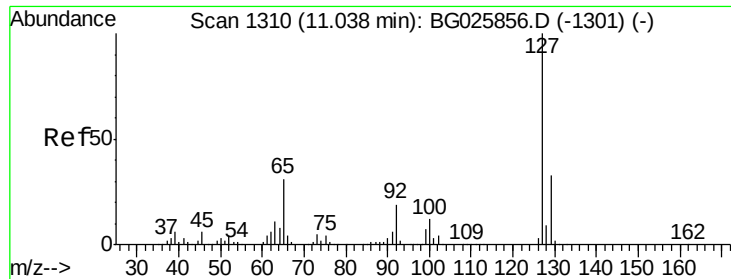
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.0	11.4	17.0



#32
Benzoic acid
Concen: 26.50 ng
RT: 10.14 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	120.1	160.1
77	93.0	104.6	144.6#

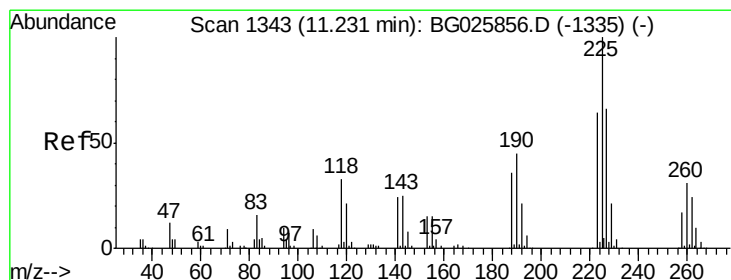
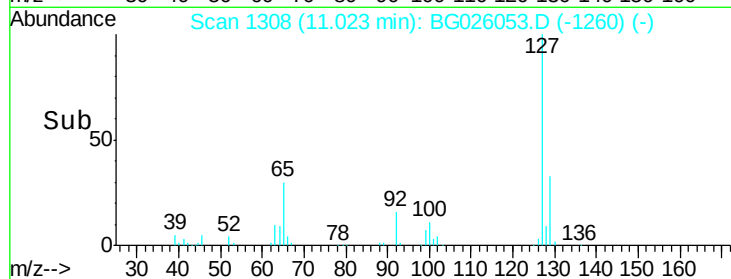
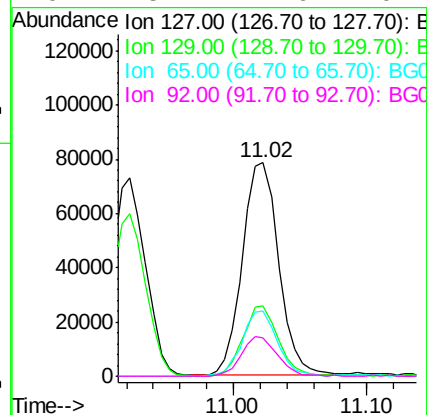
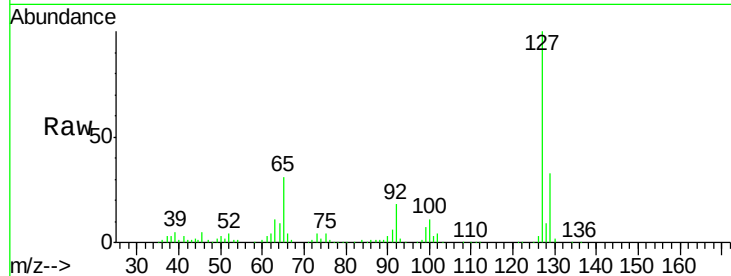




#33
4-Chloroaniline
Concen: 13.00 ng
RT: 11.02 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

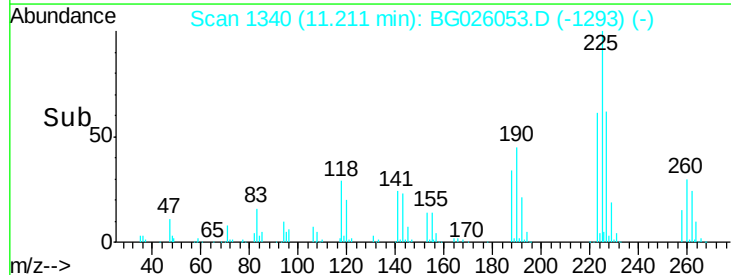
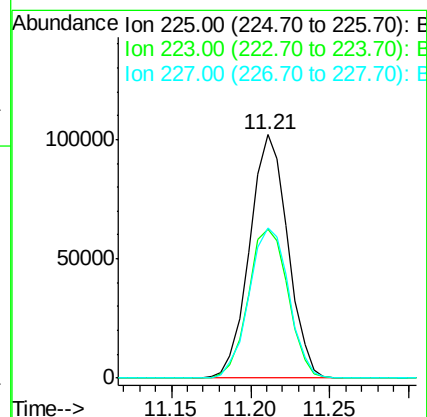
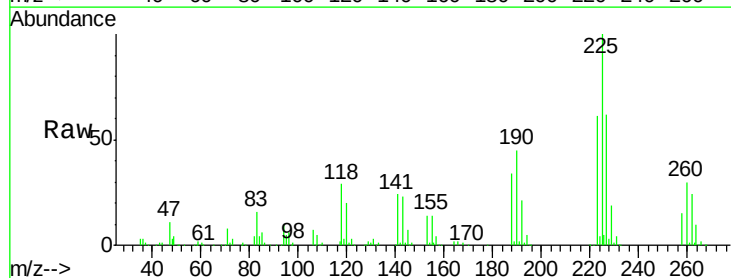
Instrument :
BNA_G
ClientSampleId :
28B-4MSD

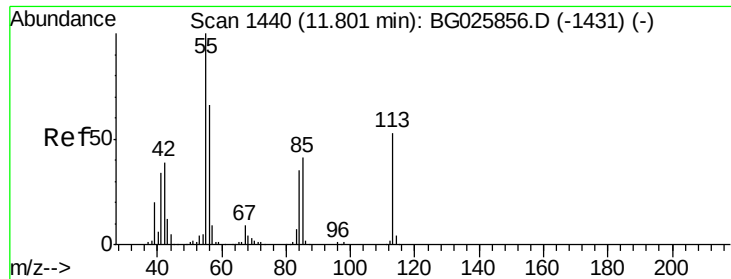
Tgt Ion:	127	Resp:	148510
Ion	Ratio	Lower	Upper
127	100		
129	33.1	23.6	35.4
65	30.6	37.7	56.5#
92	18.2	17.6	26.4



#34
Hexachlorobutadiene
Concen: 38.04 ng
RT: 11.21 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

Tgt Ion:	225	Resp:	170949
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.7	76.1
227	61.9	49.0	73.6





#35

Caprolactam

Concen: 38.07 ng

RT: 11.77 min Scan# 1436

Delta R.T. -0.03 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

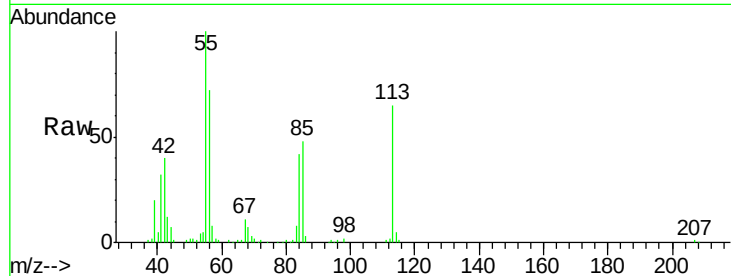
Tgt Ion:113 Resp: 111643

Ion Ratio Lower Upper

113 100

55 154.5 198.6 238.6#

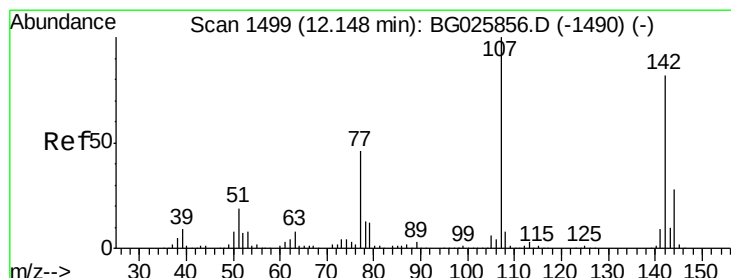
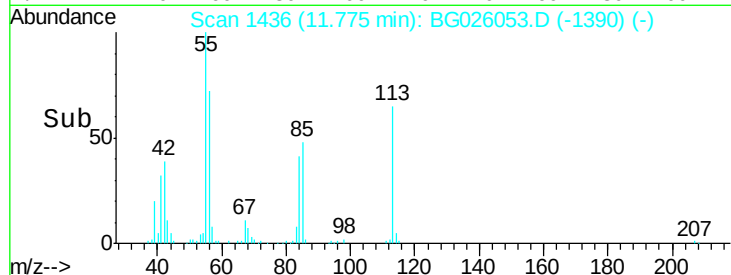
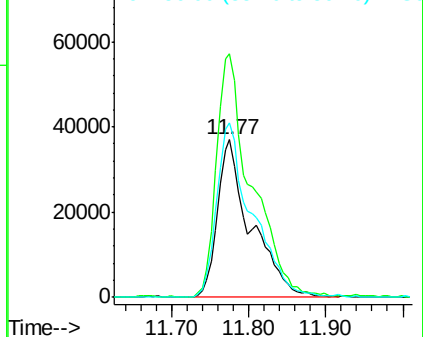
56 110.5 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 36.73 ng

RT: 12.13 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

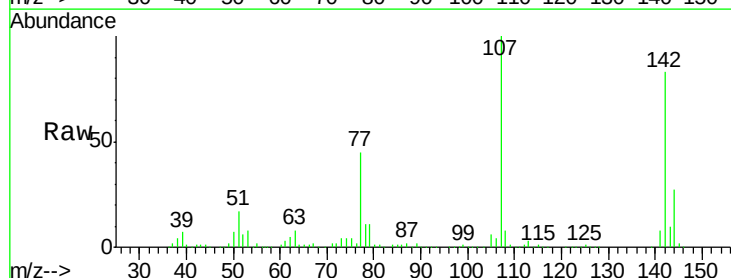
Tgt Ion:107 Resp: 319098

Ion Ratio Lower Upper

107 100

144 26.9 17.4 26.0#

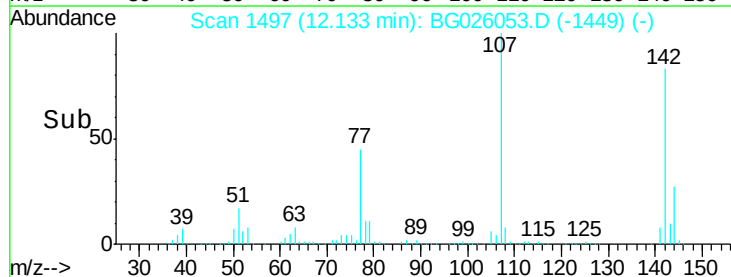
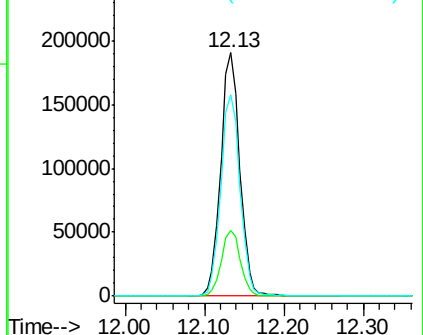
142 82.6 54.1 81.1#

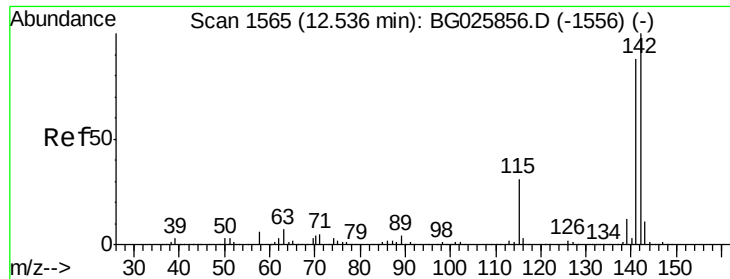


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

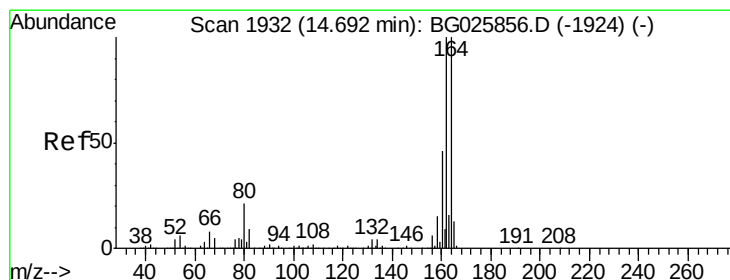
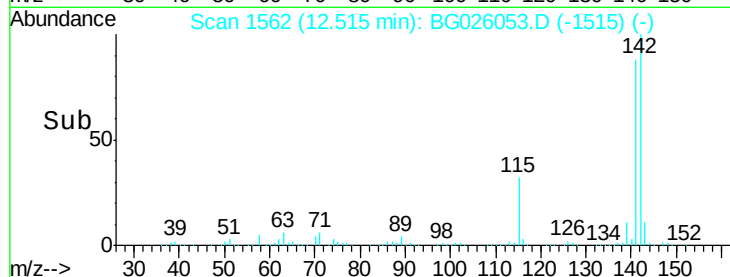
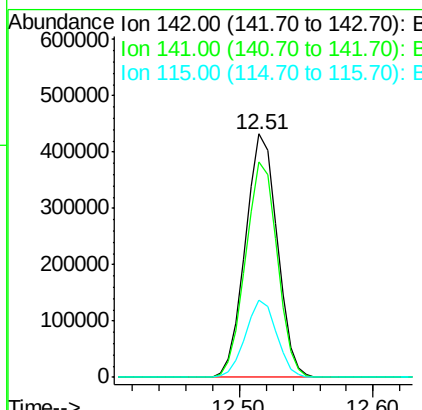
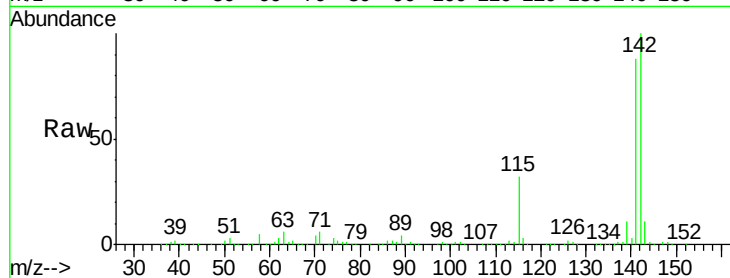




#37
 2-Methylnaphthalene
 Concen: 35.56 ng
 RT: 12.51 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

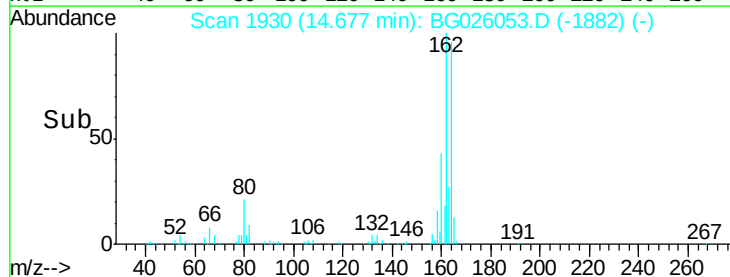
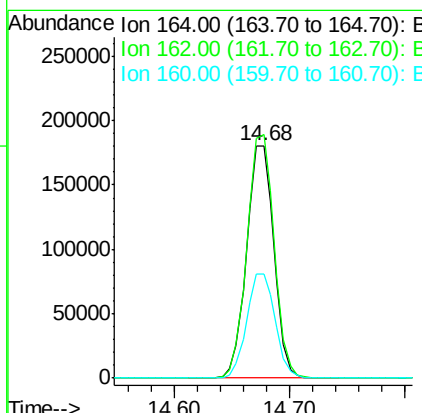
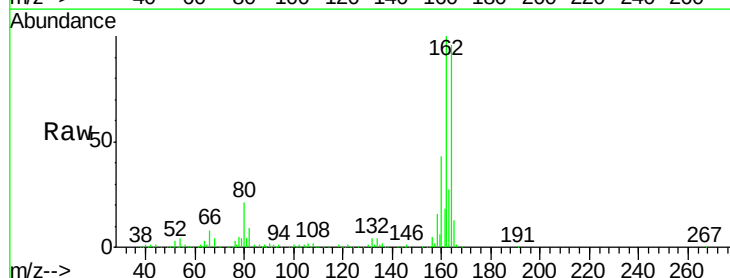
Instrument :
 BNA_G
 ClientSampleId :
 28B-4MSD

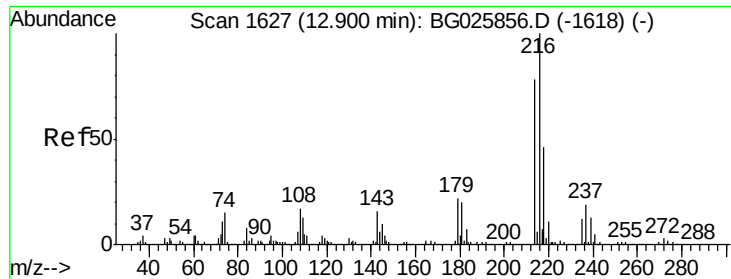
Tgt Ion:142 Resp: 712397
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.4 105.6
 115 31.8 35.5 53.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

Tgt Ion:164 Resp: 296452
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.1 127.7
 160 44.8 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.90 ng

RT: 12.89 min Scan# 1625

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

Tgt Ion:216 Resp: 318737

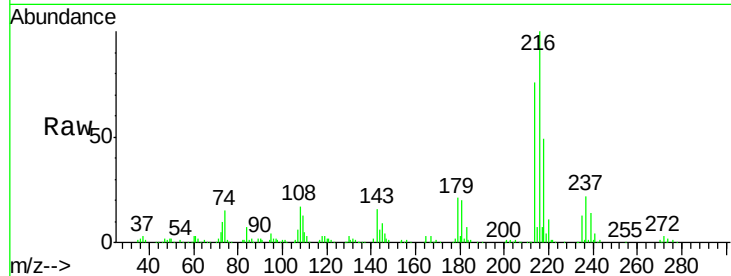
Ion Ratio Lower Upper

216 100

214 78.4 64.4 96.6

179 21.4 17.4 26.0

108 19.9 15.6 23.4

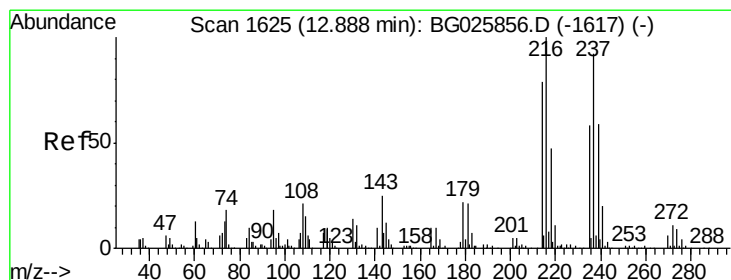
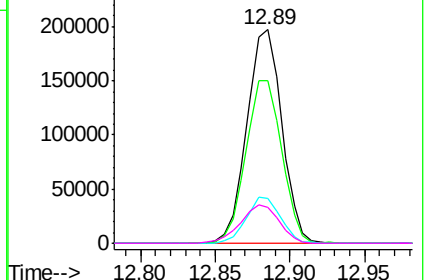
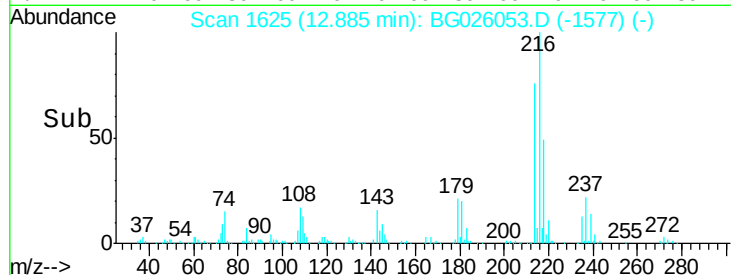


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.34 ng

RT: 12.87 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

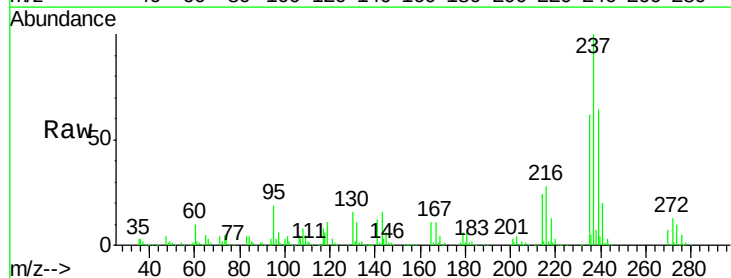
Tgt Ion:237 Resp: 363230

Ion Ratio Lower Upper

237 100

235 62.3 39.4 79.4

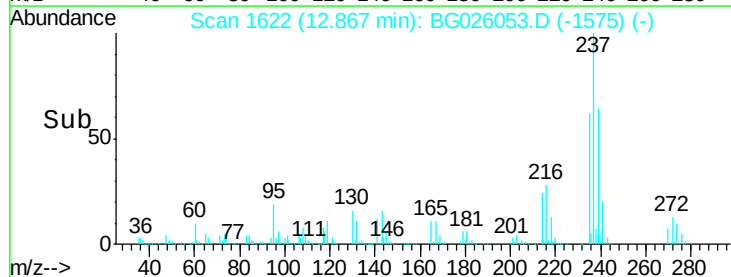
272 12.8 0.0 32.0



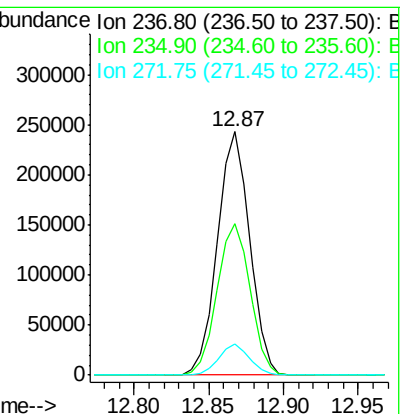
Abundance Ion 236.80 (236.50 to 237.50): E

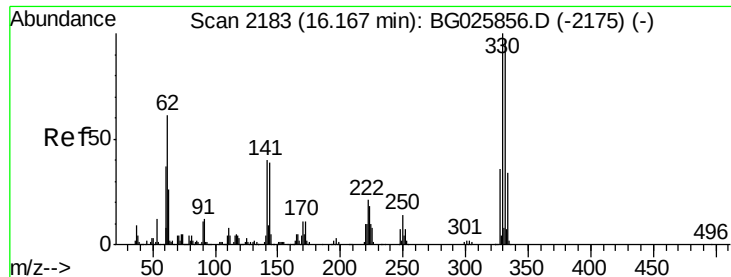
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

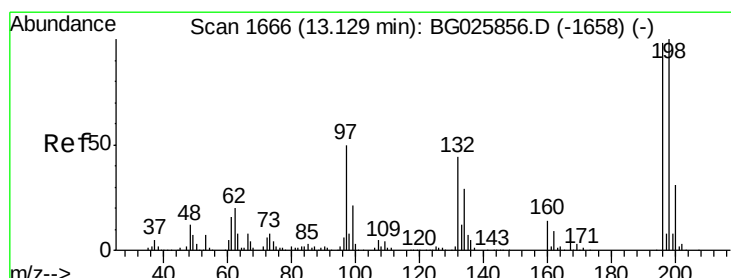
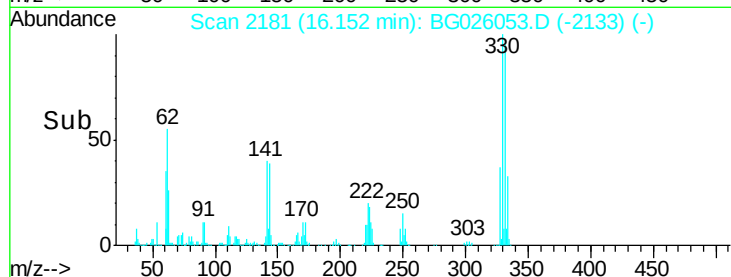
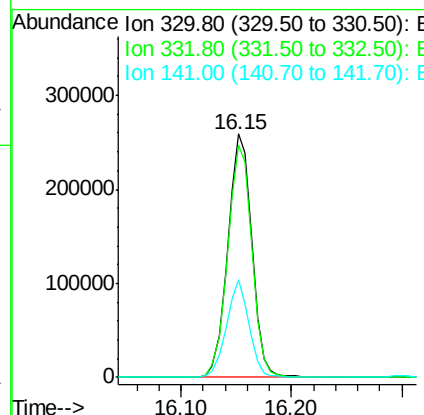
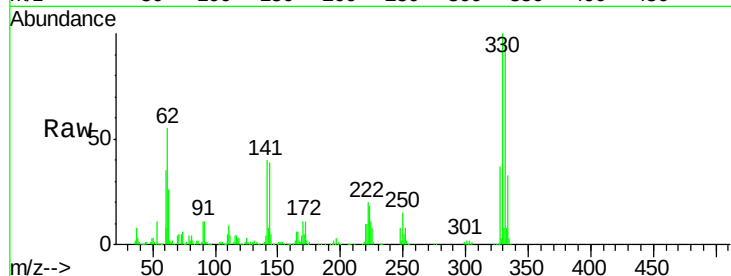




#41
 2,4,6-Tribromophenol
 Concen: 144.28 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

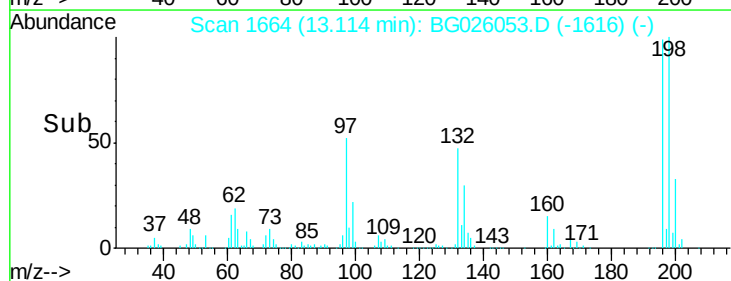
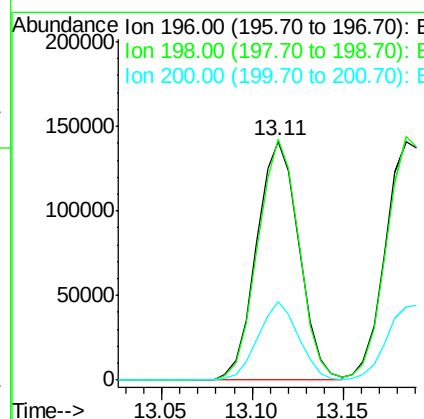
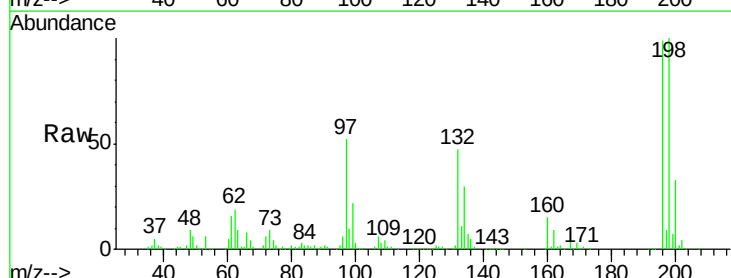
Instrument :
 BNA_G
 ClientSampleId :
 28B-4MSD

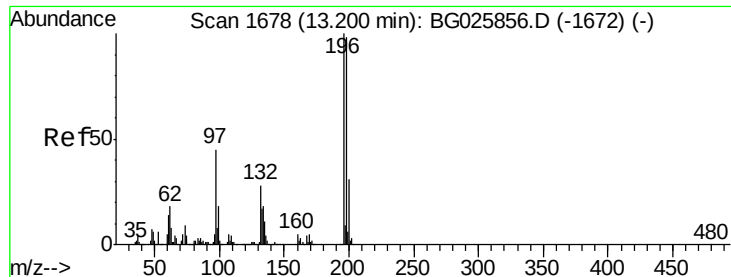
Tgt Ion:330 Resp: 395173
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 37.7 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 47.71 ng
 RT: 13.11 min Scan# 1664
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

Tgt Ion:196 Resp: 228953
 Ion Ratio Lower Upper
 196 100
 198 100.8 81.4 122.2
 200 32.8 27.0 40.6

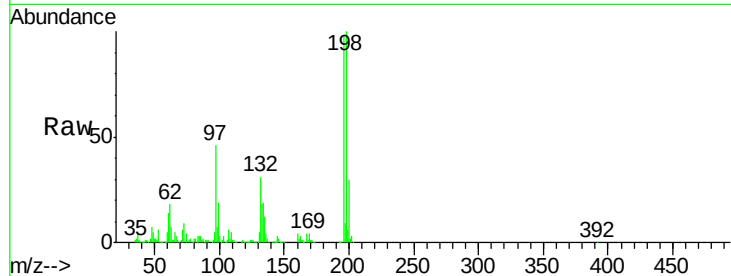




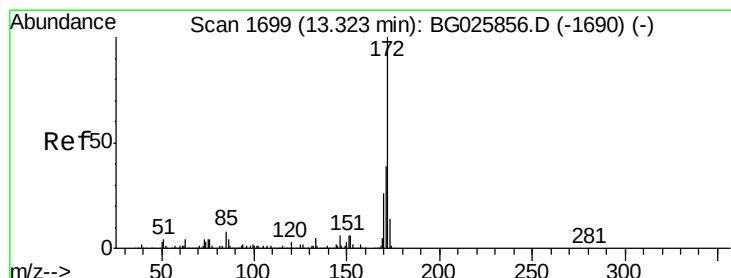
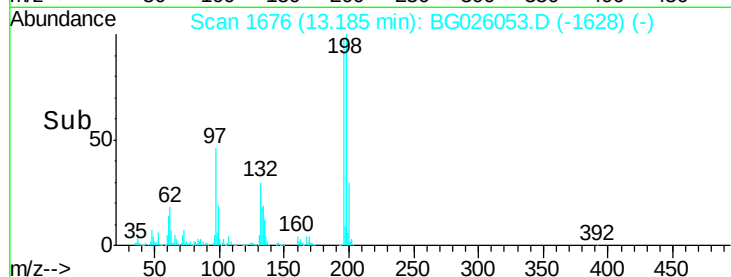
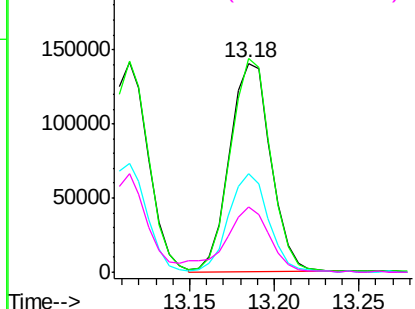
#43
2,4,5-Trichlorophenol
Concen: 43.75 ng
RT: 13.18 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

Instrument :
BNA_G
ClientSampleId :
28B-4MSD

Tgt Ion:196 Resp: 238344
Ion Ratio Lower Upper
196 100
198 102.3 79.9 119.9
97 47.4 45.4 68.0
132 31.2 20.7 31.1#

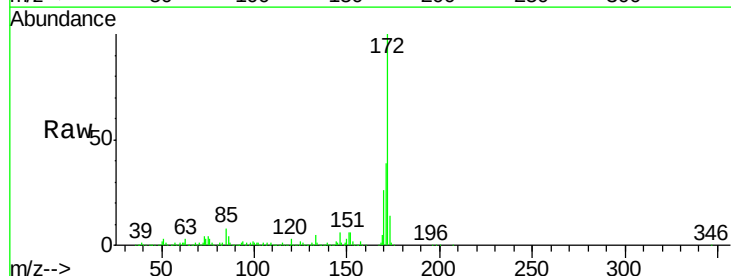


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

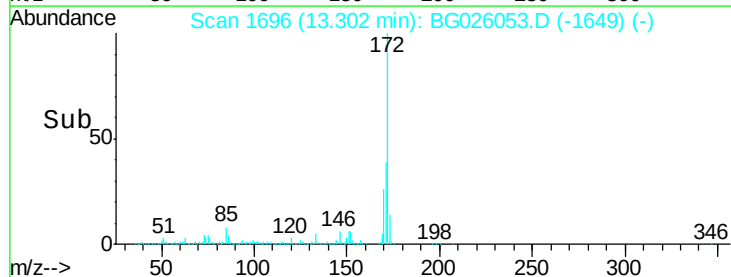
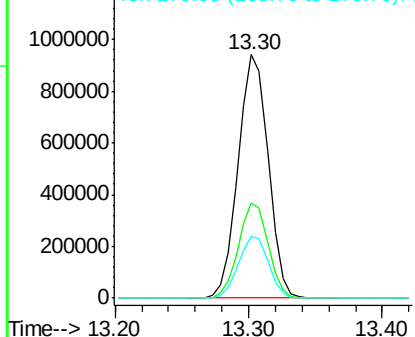


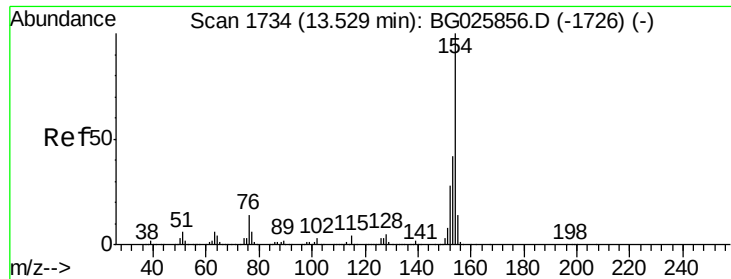
#44
2-Fluorobiphenyl
Concen: 86.26 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

Tgt Ion:172 Resp: 1463371
Ion Ratio Lower Upper
172 100
171 39.2 32.2 48.2
170 25.6 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

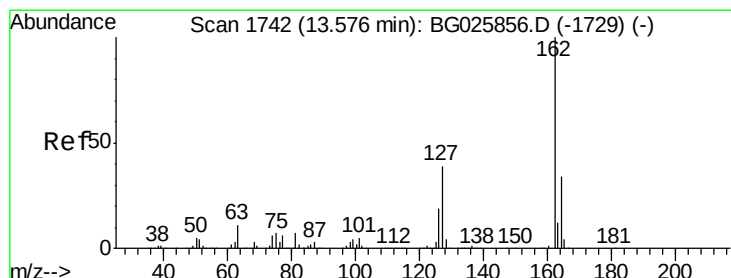
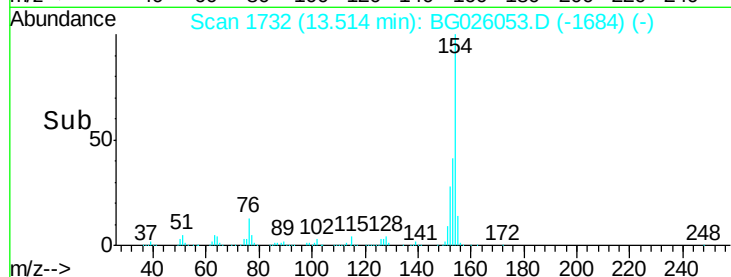
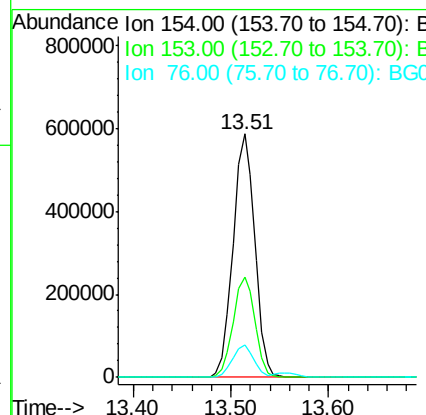
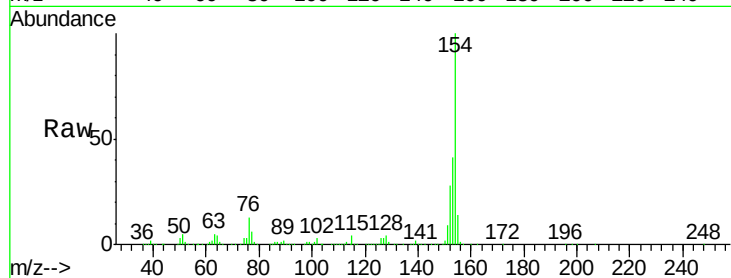




#45
 1,1'-Biphenyl
 Concen: 42.10 ng
 RT: 13.51 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

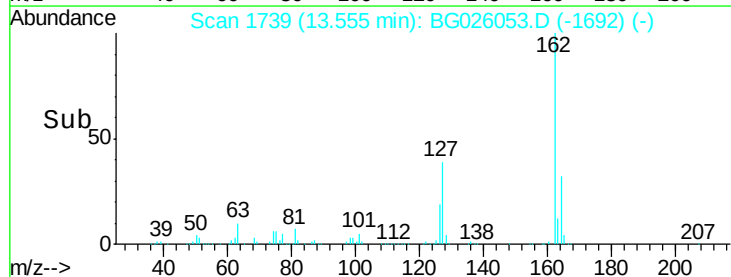
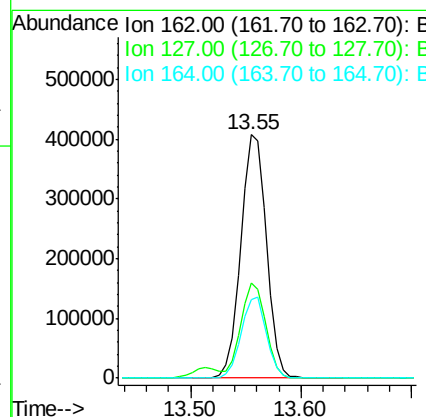
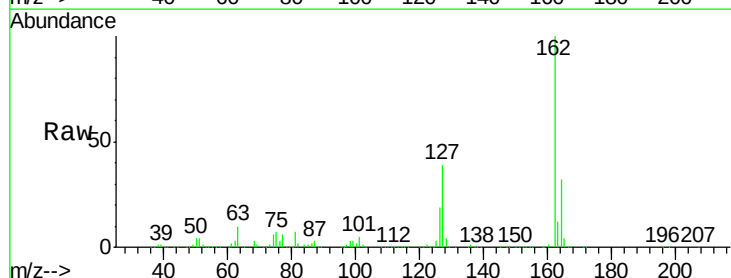
Instrument :
 BNA_G
 ClientSampleId :
 28B-4MSD

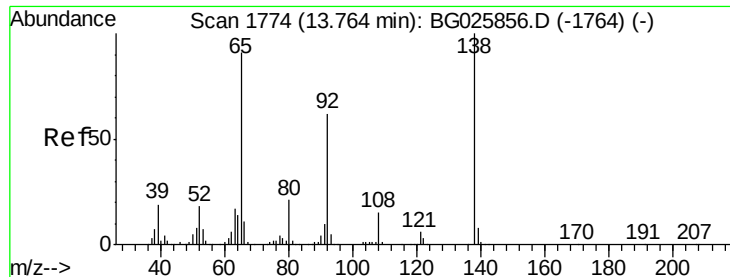
Tgt Ion:	154	Resp:	904505
Ion Ratio	Lower	Upper	
154	100		
153	41.3	23.0	63.0
76	13.3	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 42.84 ng
 RT: 13.55 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

Tgt Ion:	162	Resp:	665306
Ion Ratio	Lower	Upper	
162	100		
127	39.0	32.2	48.4
164	32.4	27.3	40.9





#47

2-Nitroaniline

Concen: 39.84 ng

RT: 13.75 min Scan# 1772

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

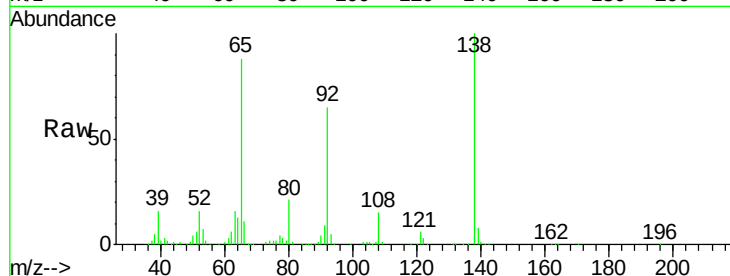
Tgt Ion: 65 Resp: 196251

Ion Ratio Lower Upper

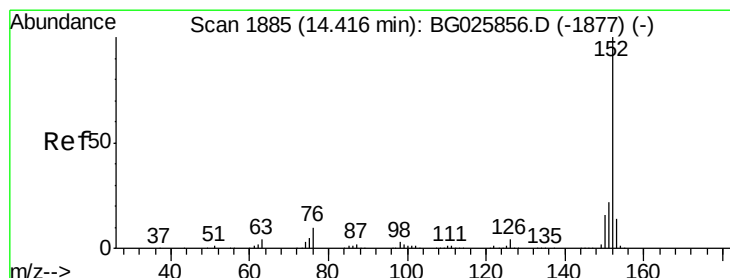
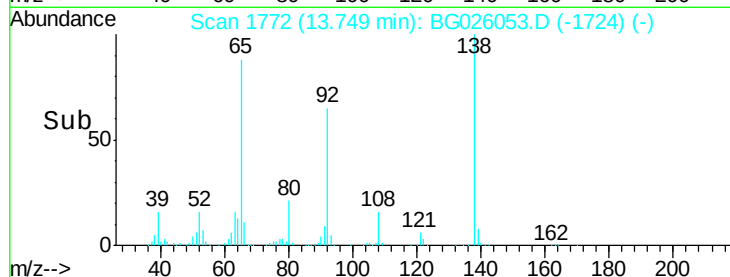
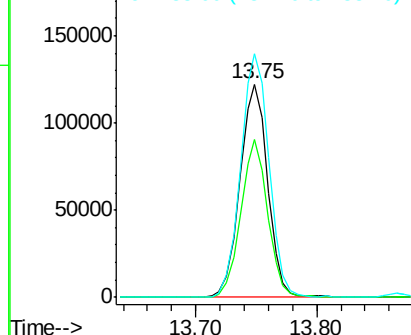
65 100

92 73.8 49.0 73.4#

138 114.2 58.6 87.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 40.33 ng

RT: 14.40 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

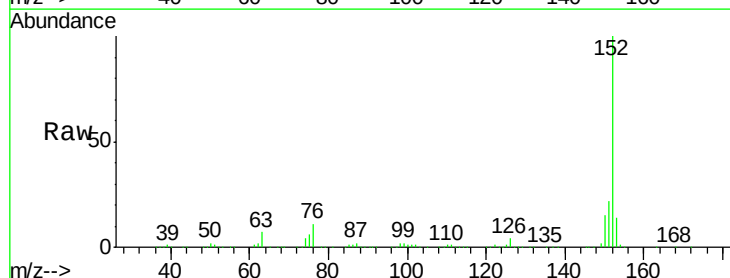
Tgt Ion: 152 Resp: 1115334

Ion Ratio Lower Upper

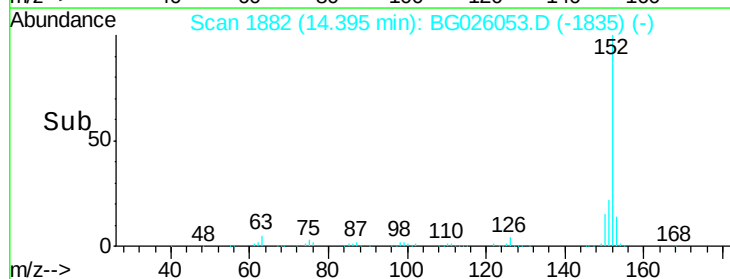
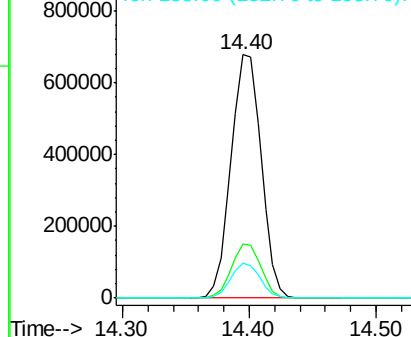
152 100

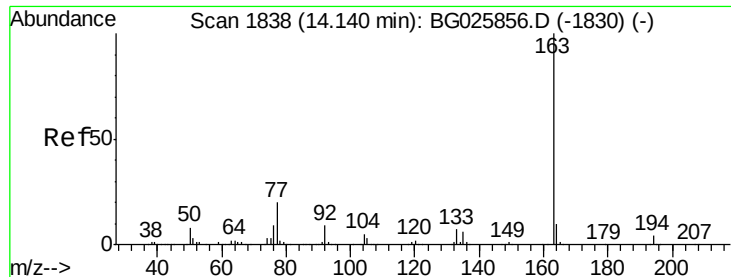
151 22.0 18.2 27.2

153 14.2 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 56.30 ng

RT: 14.12 min Scan# 1836

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

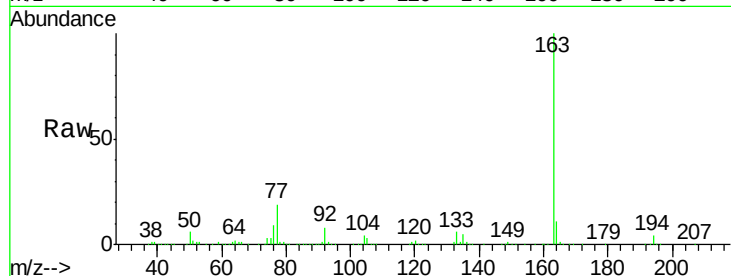
Tgt Ion:163 Resp: 1145112

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

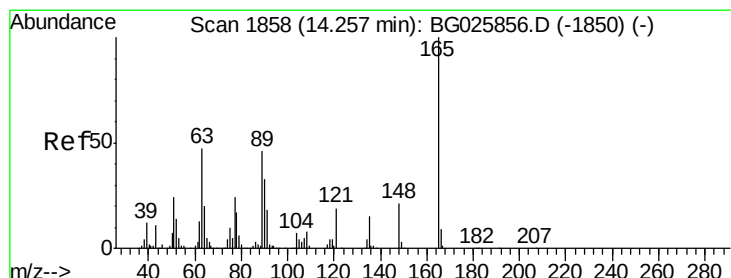
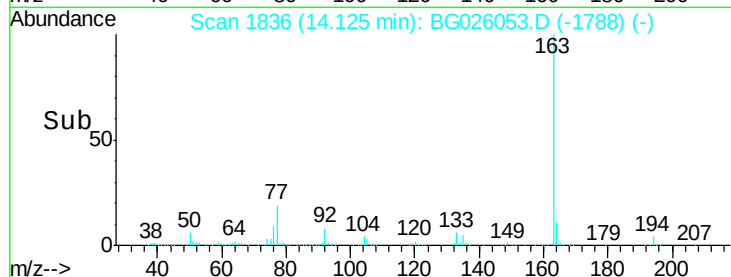
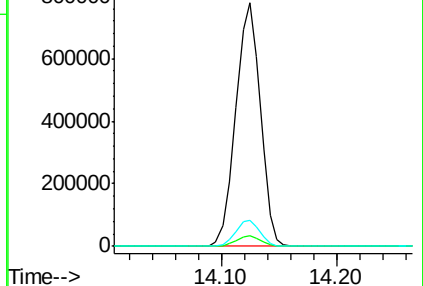
164 10.5 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.79 ng

RT: 14.24 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

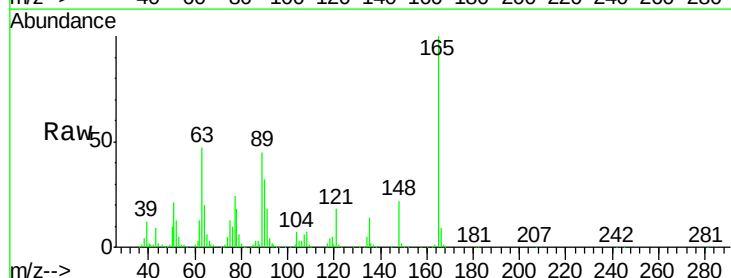
Tgt Ion:165 Resp: 200050

Ion Ratio Lower Upper

165 100

63 47.4 63.9 95.9#

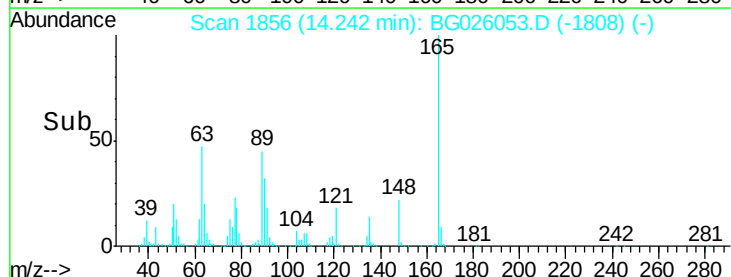
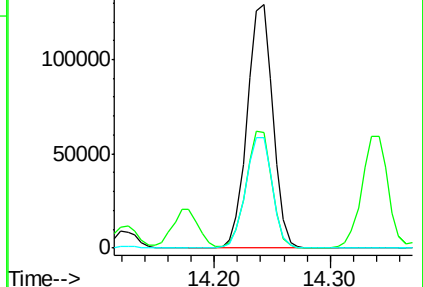
89 45.5 58.6 88.0#

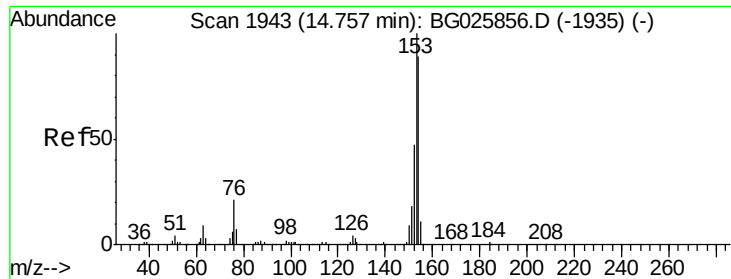


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 44.23 ng

RT: 14.74 min Scan# 1940

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

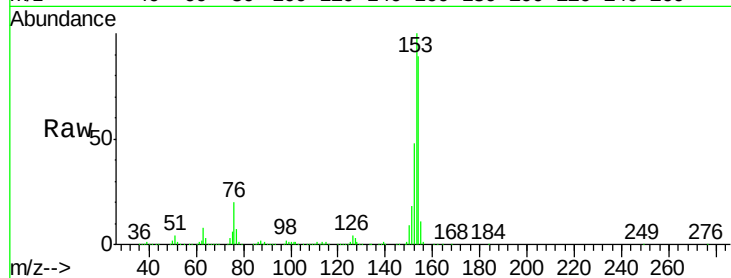
Tgt Ion:154 Resp: 807742

Ion Ratio Lower Upper

154 100

153 112.0 87.8 131.6

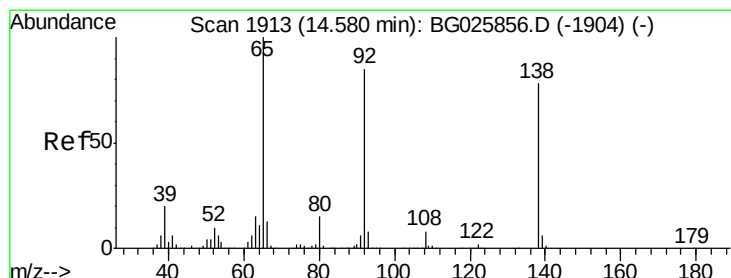
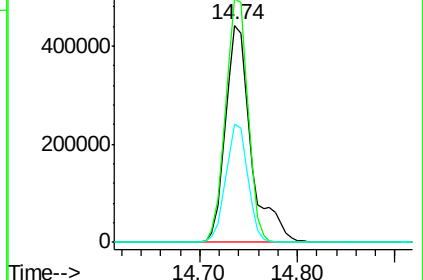
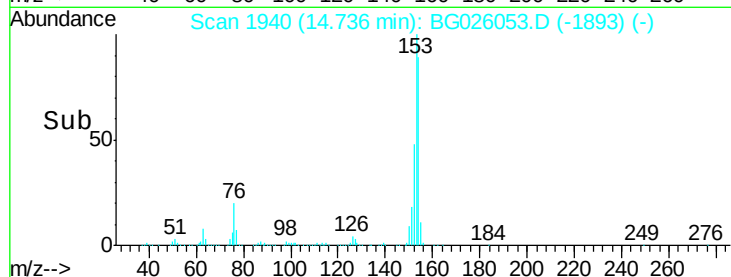
152 54.1 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.97 ng

RT: 14.57 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

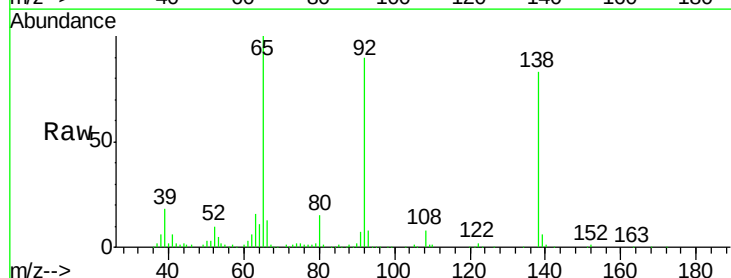
Tgt Ion:138 Resp: 127583

Ion Ratio Lower Upper

138 100

108 9.9 10.9 16.3#

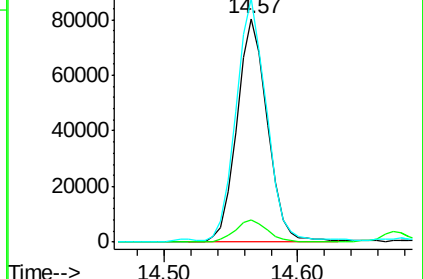
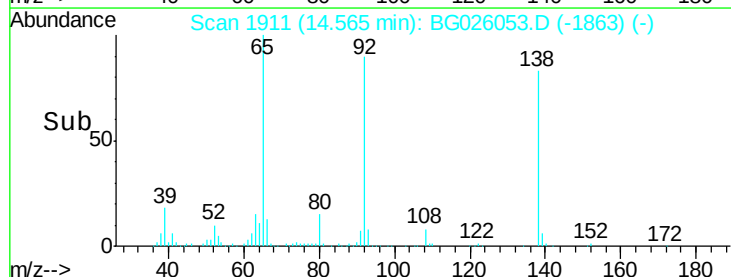
92 108.9 115.3 172.9#

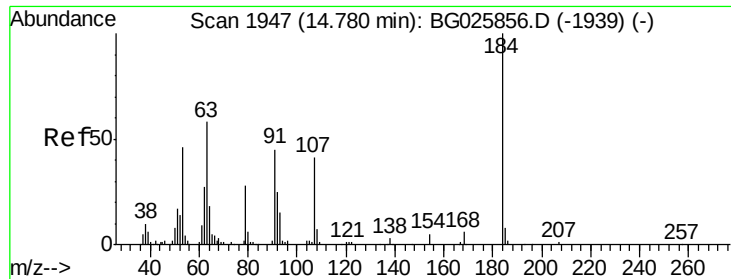


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

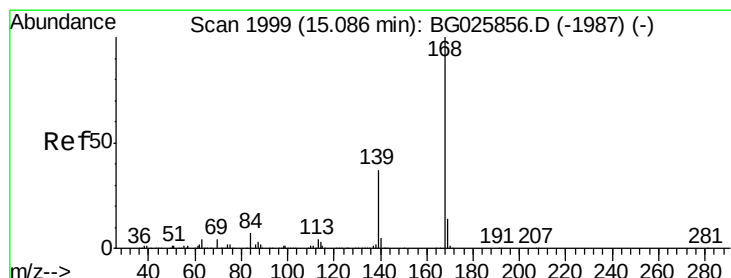
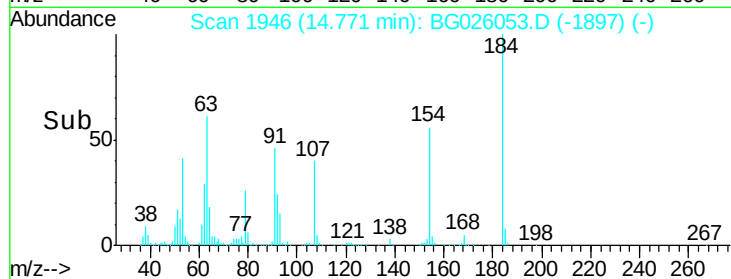
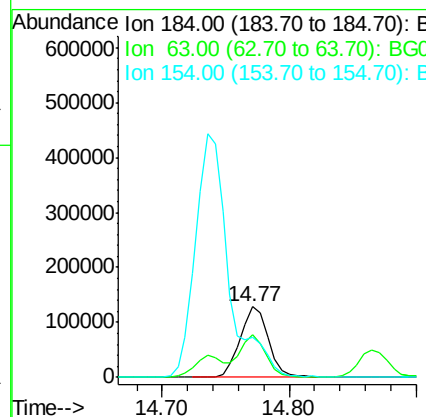
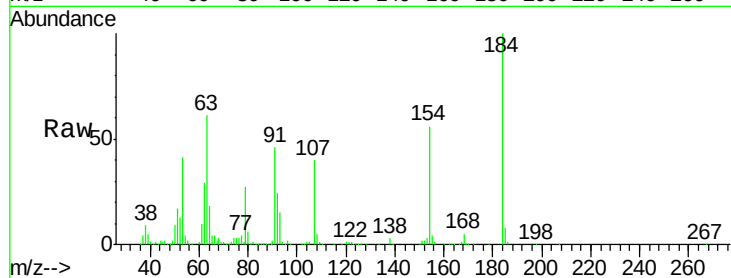




#53
2,4-Dinitrophenol
Concen: 82.82 ng
RT: 14.77 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

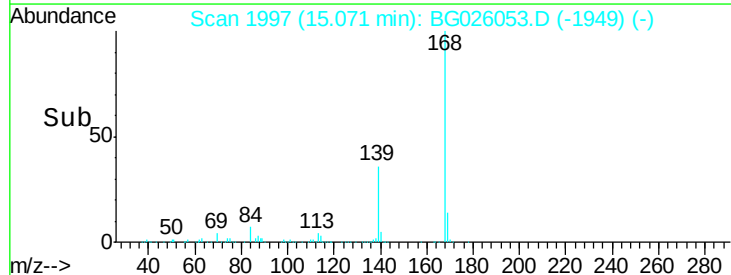
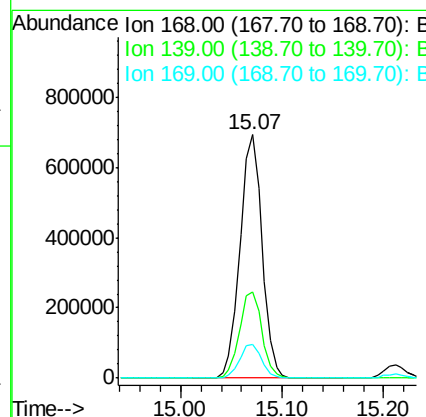
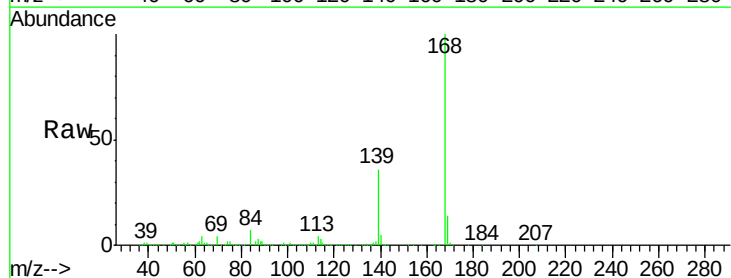
Instrument :
BNA_G
ClientSampled :
28B-4MSD

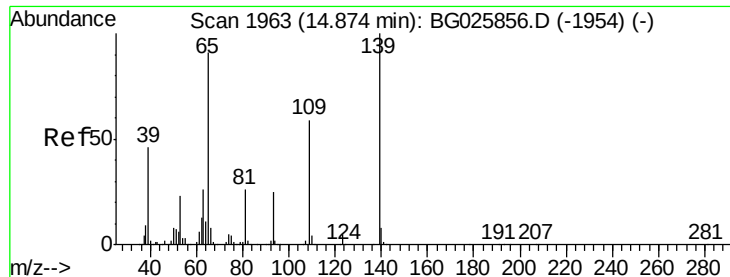
Tgt Ion:184 Resp: 197989
Ion Ratio Lower Upper
184 100
63 61.1 52.7 79.1
154 56.2 57.3 85.9#



#54
Dibenzofuran
Concen: 43.05 ng
RT: 15.07 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

Tgt Ion:168 Resp: 1048043
Ion Ratio Lower Upper
168 100
139 35.6 35.3 52.9
169 14.0 11.5 17.3

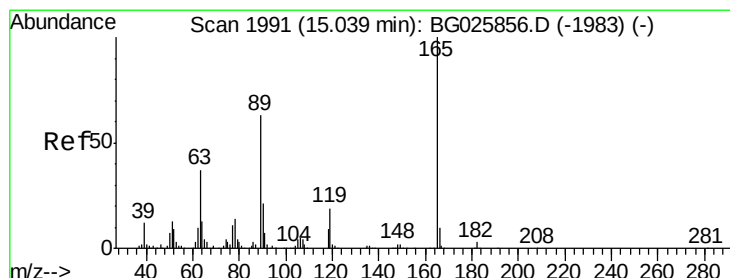
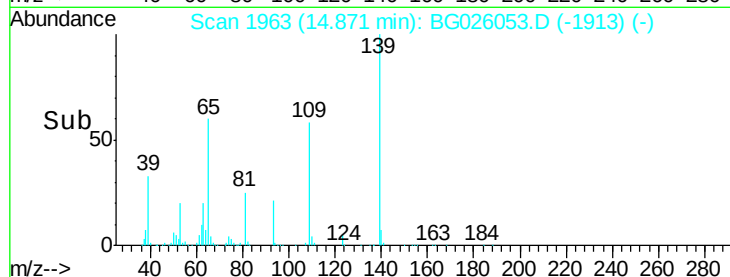
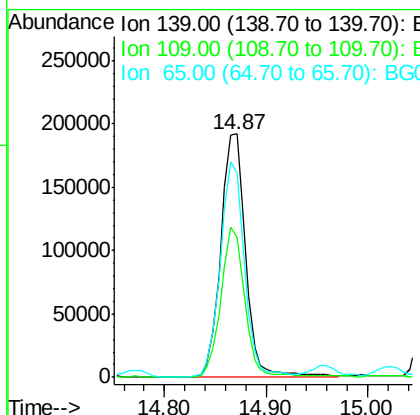
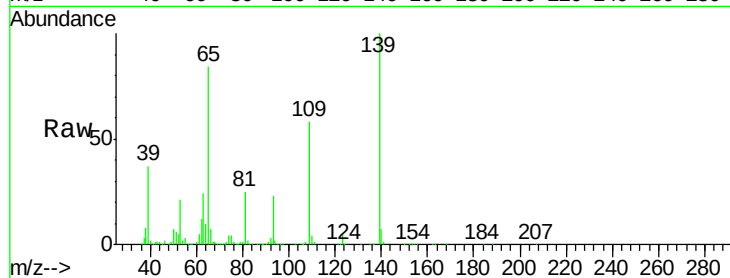




#55
4-Nitrophenol
Concen: 79.64 ng
RT: 14.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

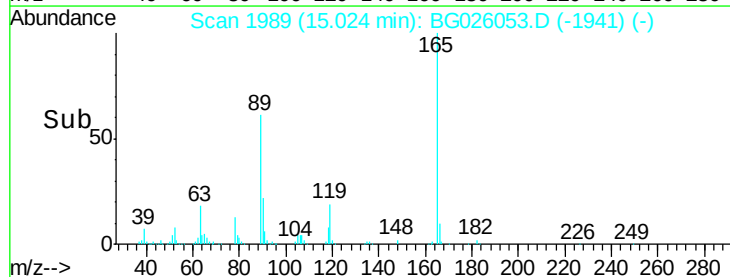
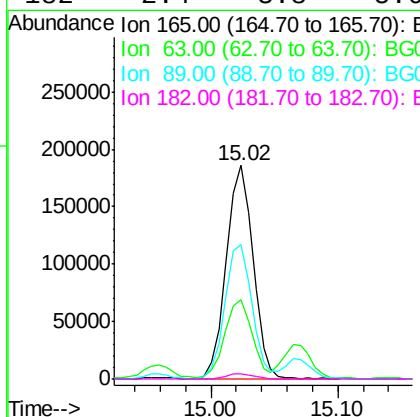
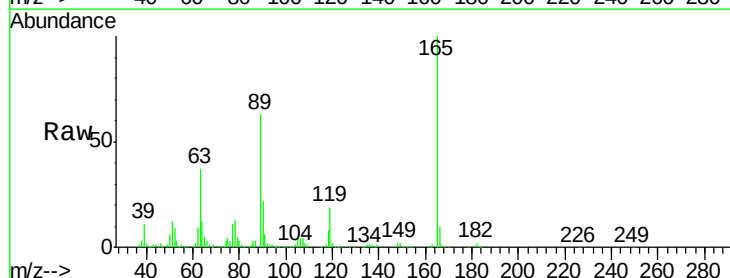
Instrument :
BNA_G
ClientSampleId :
28B-4MSD

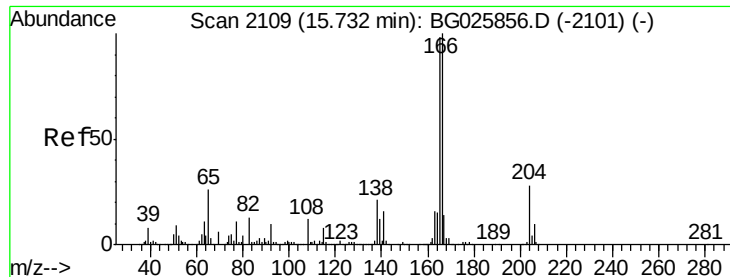
Tgt Ion	Ratio	Lower	Upper
139	100		
109	57.6	101.2	141.2#
65	83.9	135.3	175.3#



#56
2,4-Dinitrotoluene
Concen: 44.42 ng
RT: 15.02 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.3	44.0	66.0#
89	63.1	67.3	100.9#
182	2.4	3.8	5.6#





#57

Fluorene

Concen: 40.34 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

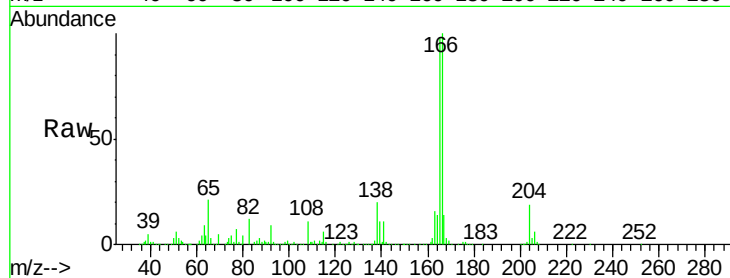
Tgt Ion:166 Resp: 877668

Ion Ratio Lower Upper

166 100

165 98.1 78.6 117.8

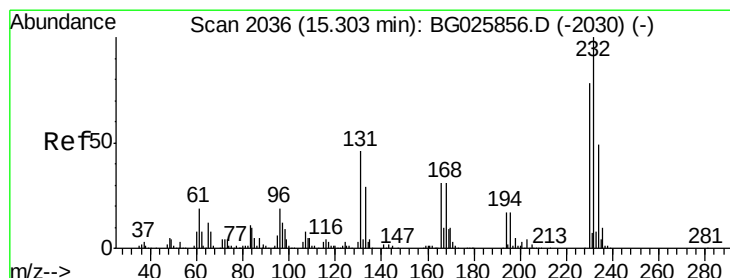
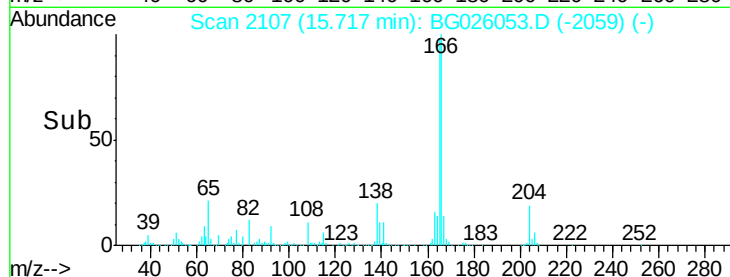
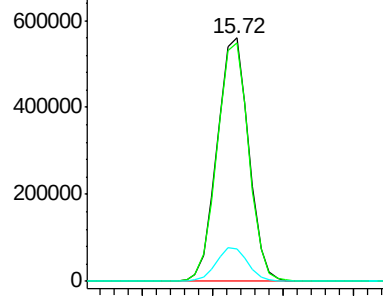
167 13.6 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.31 ng

RT: 15.29 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Tgt Ion:232 Resp: 227352

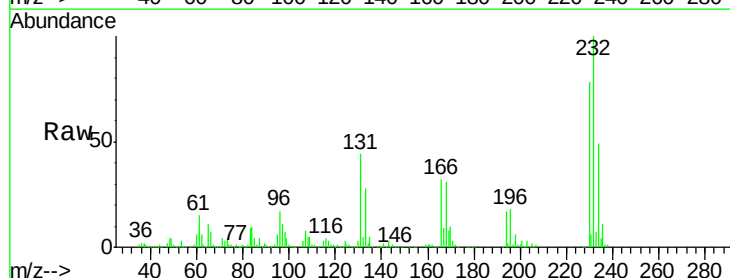
Ion Ratio Lower Upper

232 100

131 45.0 34.9 52.3

130 2.5 2.3 3.5

166 32.2 24.2 36.4

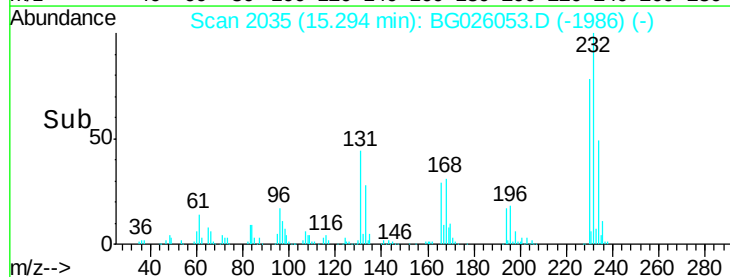
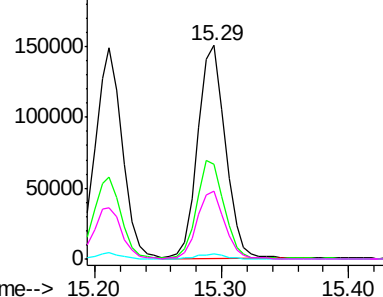


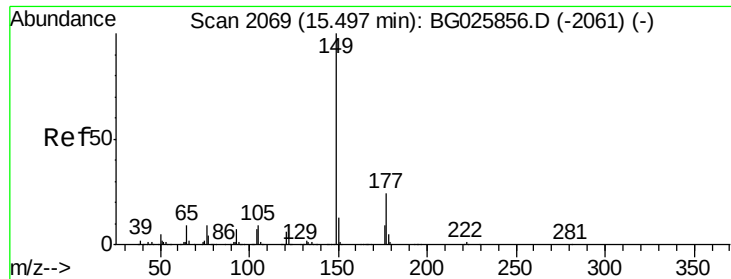
Abundance Ion 232.00 (231.70 to 232.70): E

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

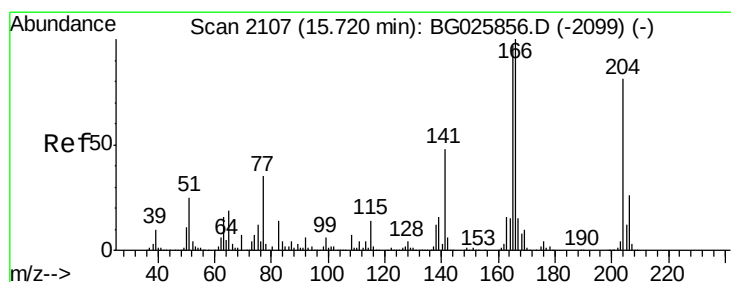
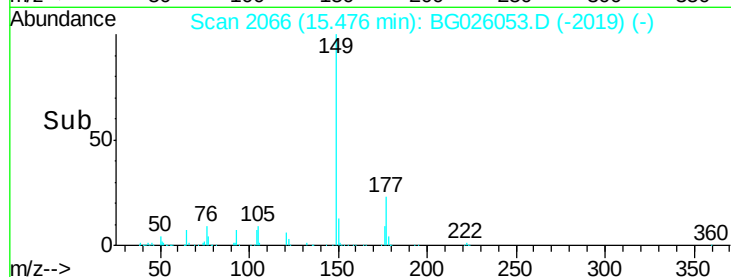
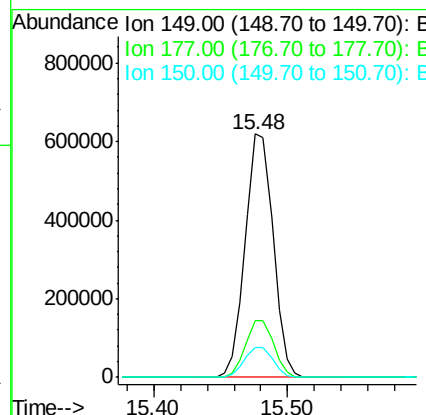
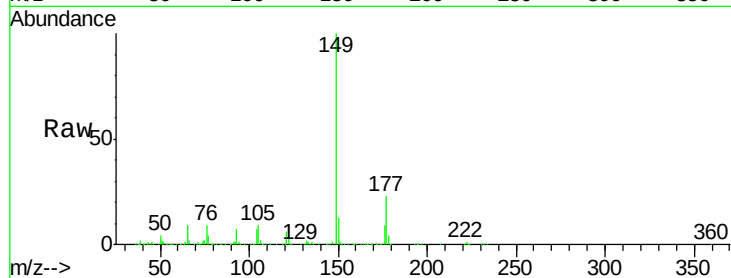




#59
Diethylphthalate
Concen: 42.60 ng
RT: 15.48 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

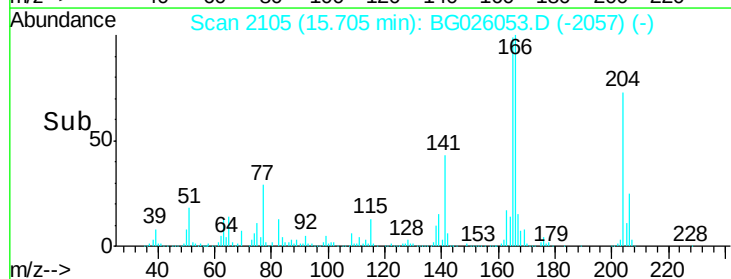
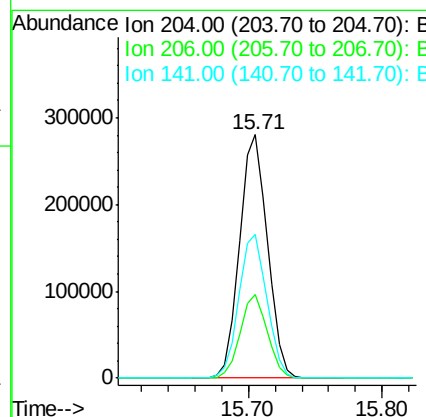
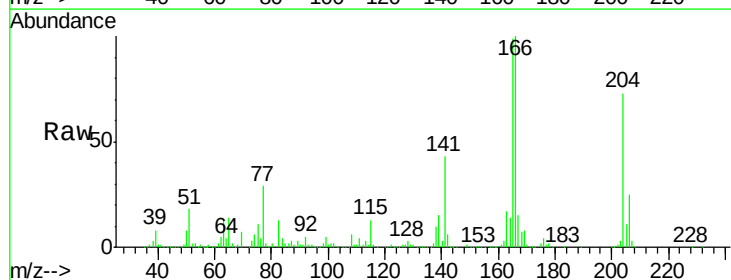
Instrument :
BNA_G
ClientSampleId :
28B-4MSD

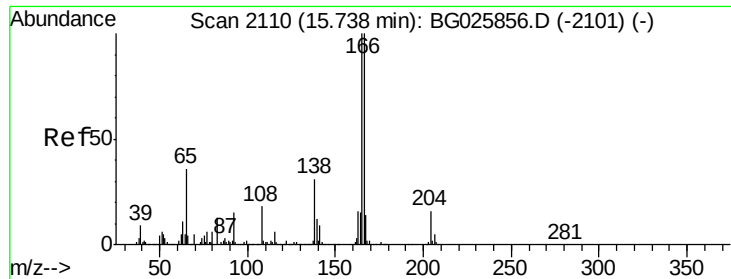
Tgt Ion:149 Resp: 896194
Ion Ratio Lower Upper
149 100
177 23.3 20.1 30.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.35 ng
RT: 15.71 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

Tgt Ion:204 Resp: 406800
Ion Ratio Lower Upper
204 100
206 34.2 30.1 45.1
141 59.0 50.6 76.0

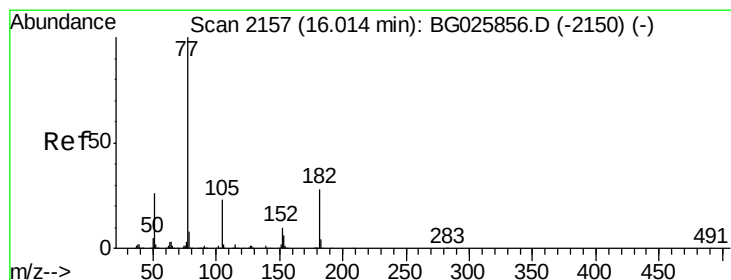
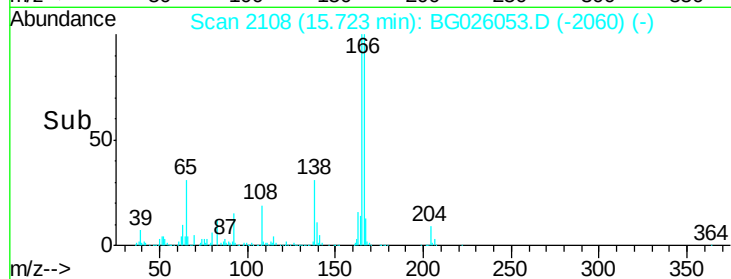
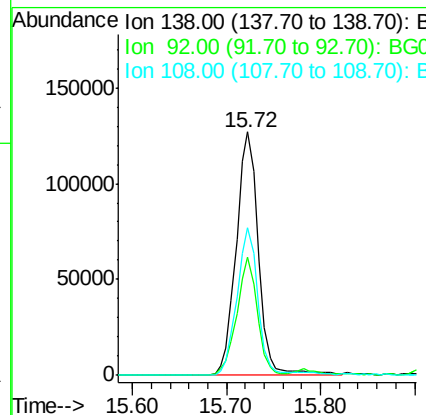
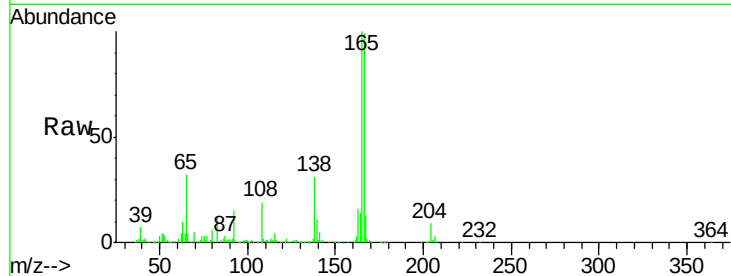




#61
4-Nitroaniline
Concen: 39.34 ng
RT: 15.72 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

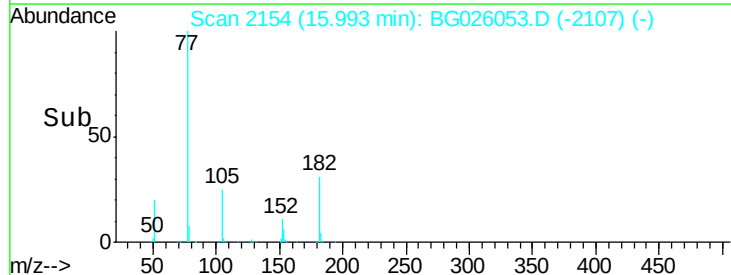
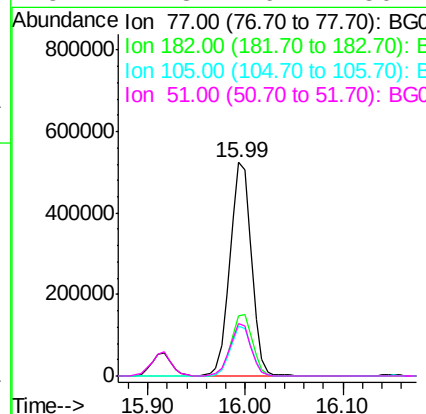
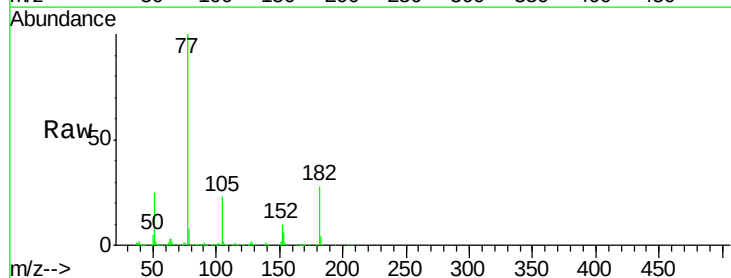
Instrument :
BNA_G
ClientSampleId :
28B-4MSD

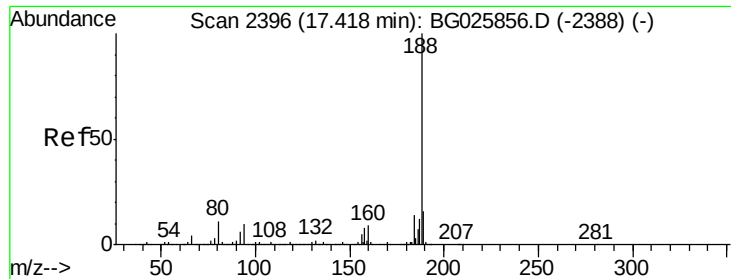
Tgt Ion: 138 Resp: 208377
Ion Ratio Lower Upper
138 100
92 48.6 44.2 84.2
108 60.4 104.8 144.8#



#62
Azobenzene
Concen: 44.04 ng
RT: 15.99 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

Tgt Ion: 77 Resp: 796382
Ion Ratio Lower Upper
77 100
182 28.4 4.7 44.7
105 23.2 0.0 36.3
51 24.8 16.4 56.4

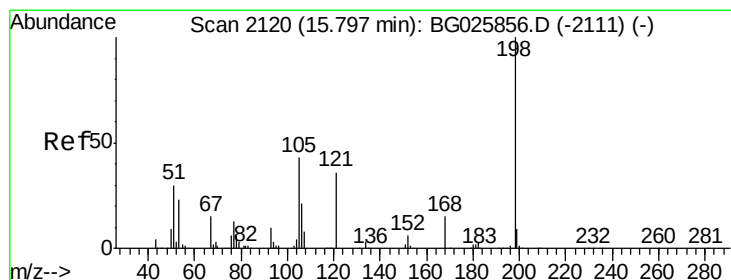
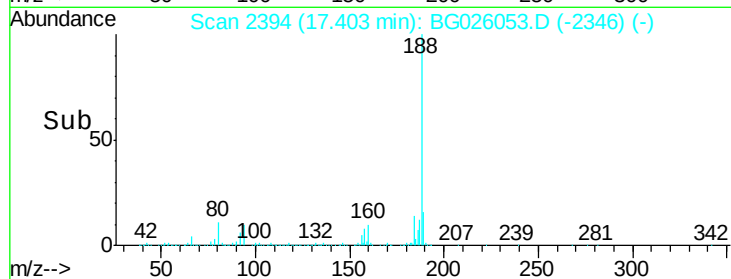
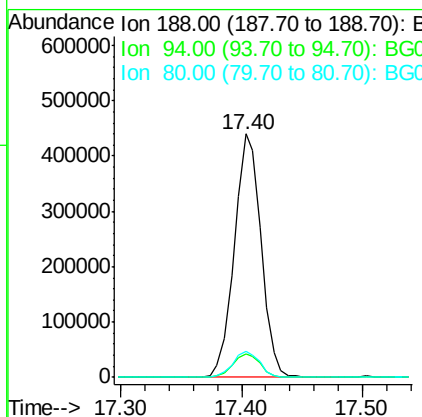
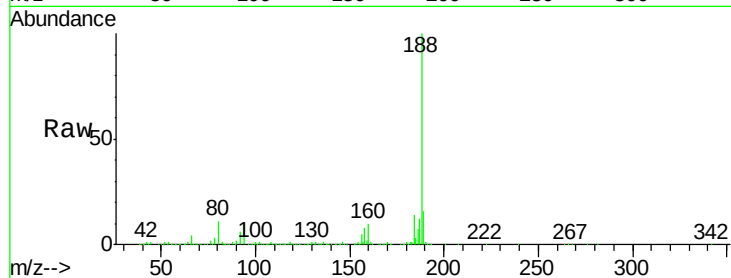




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2394
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

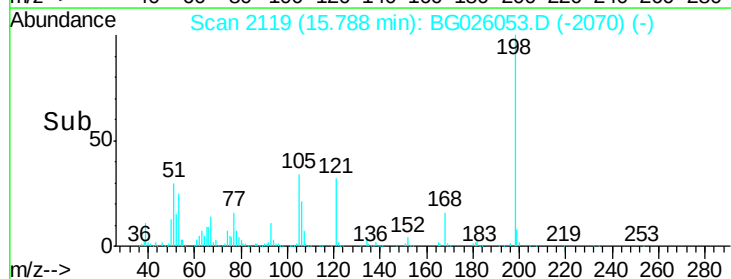
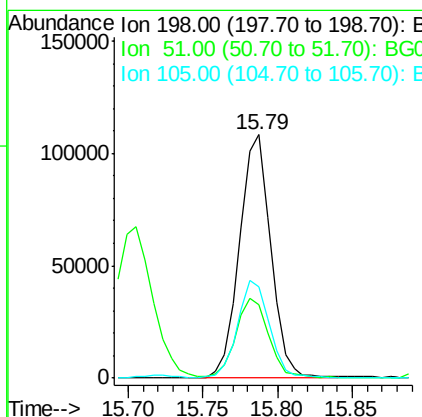
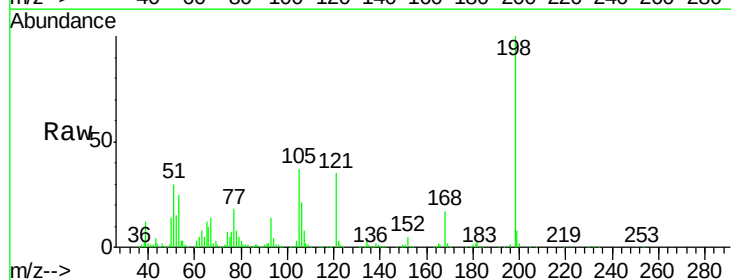
Instrument :
BNA_G
ClientSampleId :
28B-4MSD

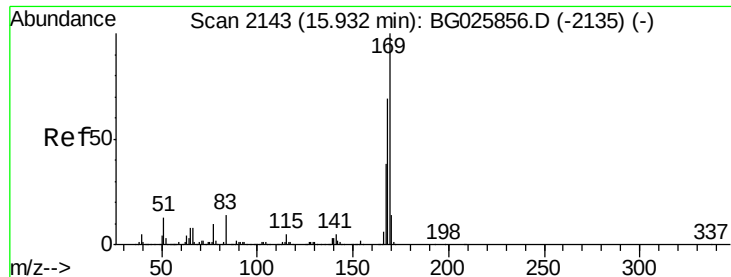
Tgt Ion:188 Resp: 680297
Ion Ratio Lower Upper
188 100
94 9.7 5.8 8.8#
80 10.7 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 39.63 ng
RT: 15.79 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

Tgt Ion:198 Resp: 157775
Ion Ratio Lower Upper
198 100
51 30.4 22.6 62.6
105 37.3 14.4 54.4

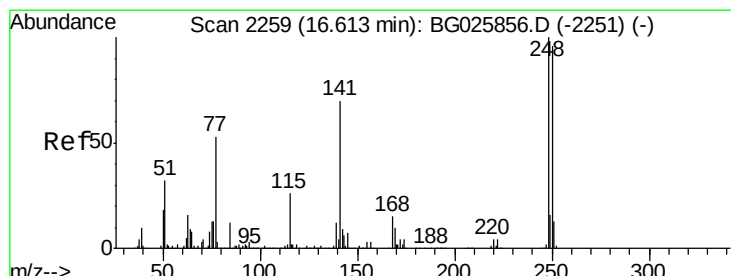
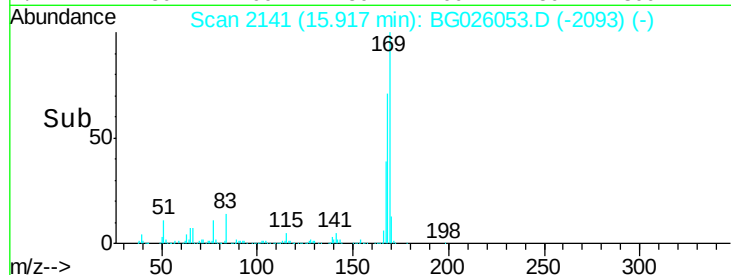
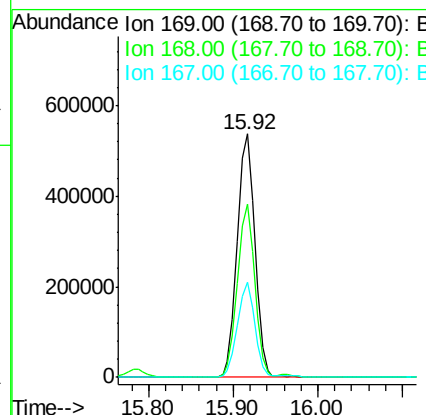
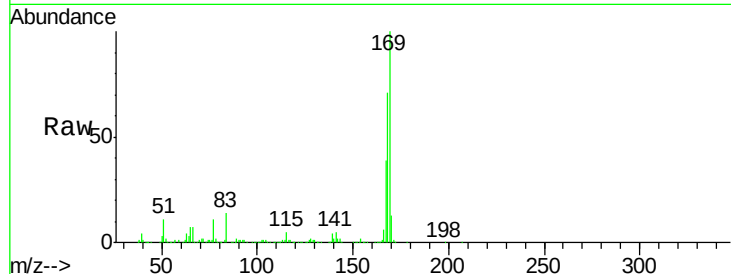




#65
 n-Nitrosodiphenylamine
 Concen: 37.38 ng
 RT: 15.92 min Scan# 2141
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

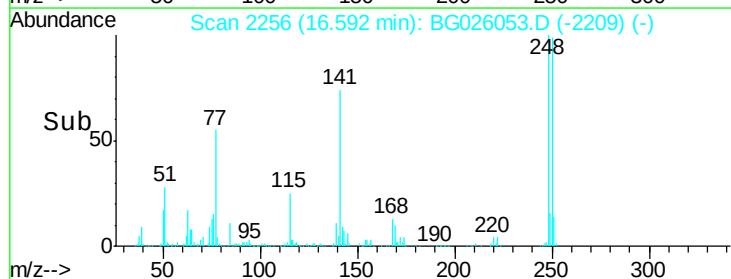
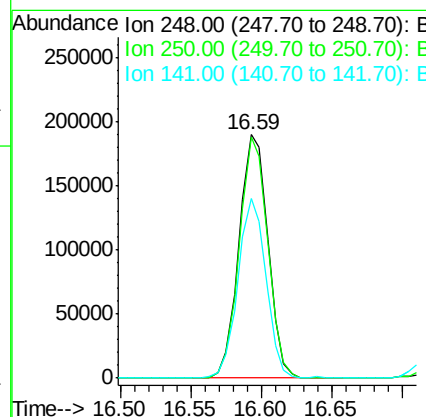
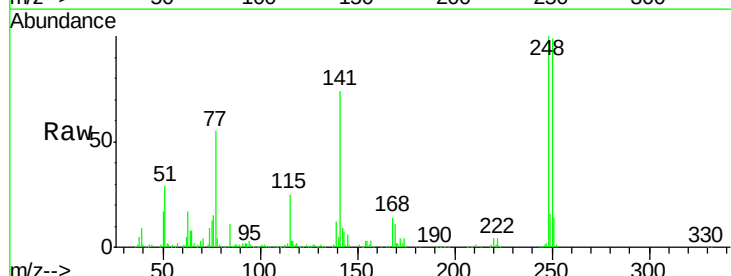
Instrument :
 BNA_G
 ClientSampleId :
 28B-4MSD

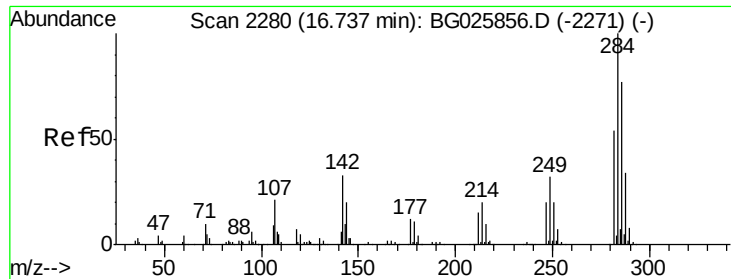
Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.2	55.7	83.5
167	39.2	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 38.15 ng
 RT: 16.59 min Scan# 2256
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	75.0	112.6
141	73.7	55.2	82.8





#67

Hexachlorobenzene

Concen: 37.79 ng

RT: 16.72 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

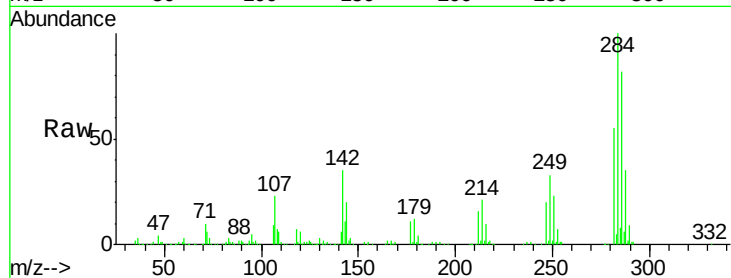
Tgt Ion:284 Resp: 277723

Ion Ratio Lower Upper

284 100

142 35.5 29.9 44.9

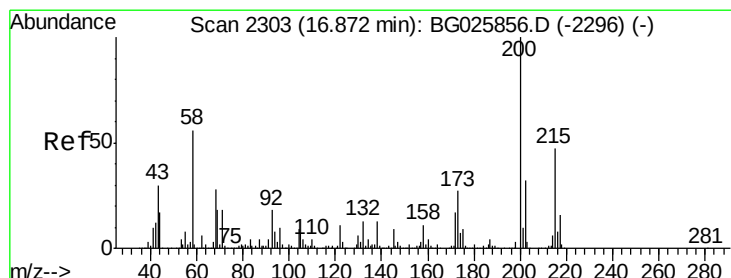
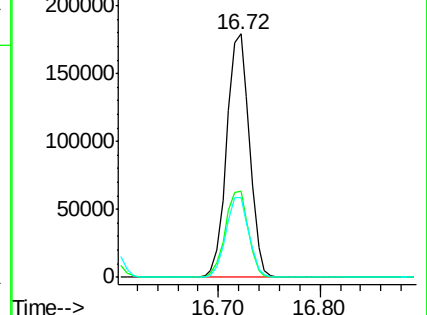
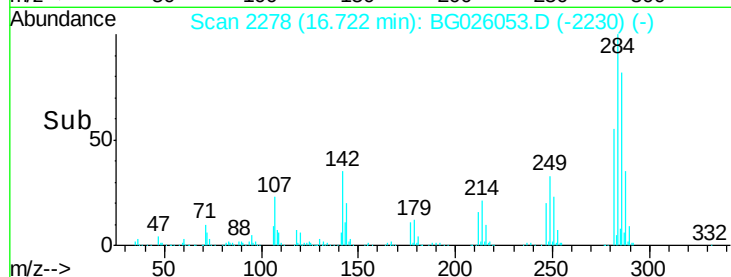
249 32.7 29.2 43.8



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: 39.60 ng

RT: 16.86 min Scan# 2301

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

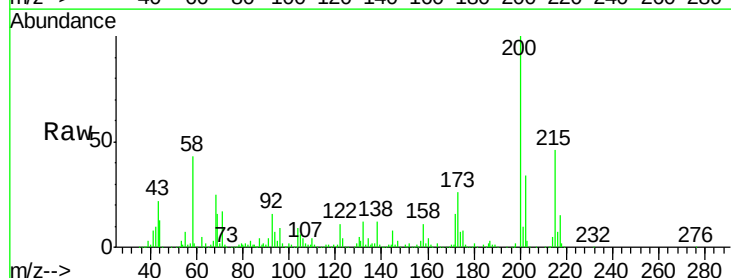
Tgt Ion:200 Resp: 289125

Ion Ratio Lower Upper

200 100

173 25.9 3.0 43.0

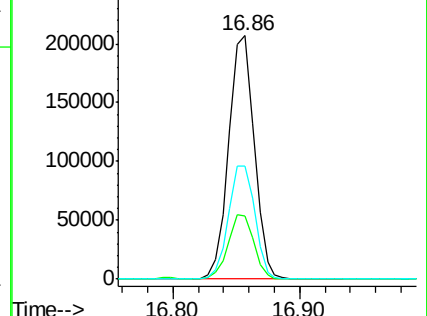
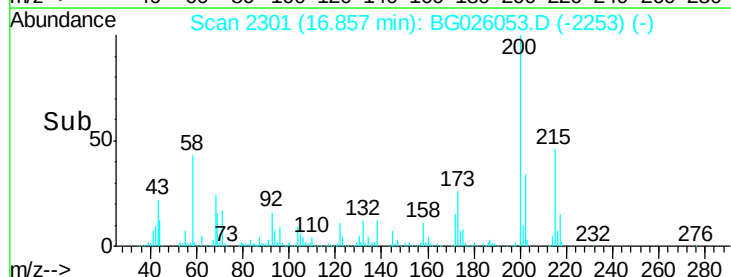
215 46.2 28.4 68.4

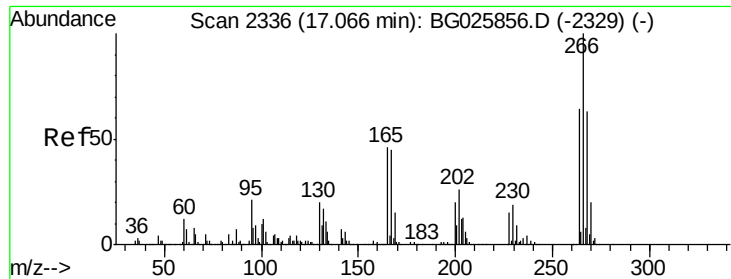


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

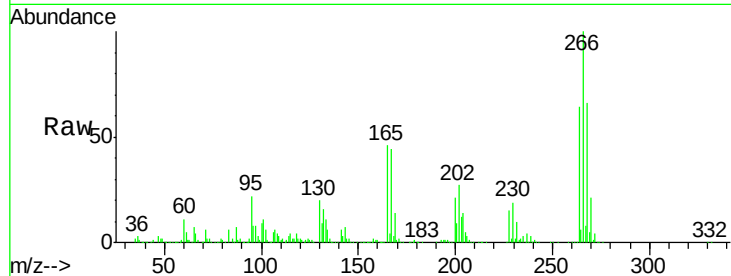




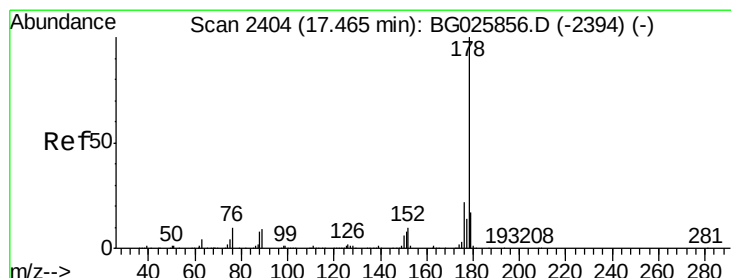
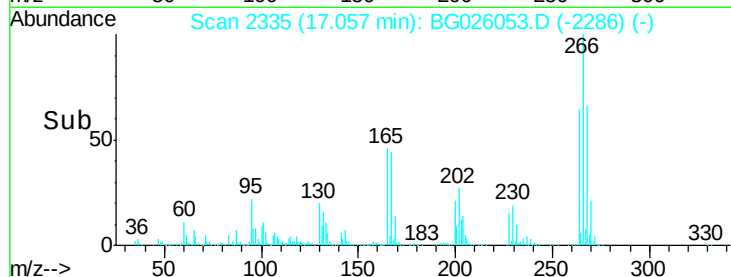
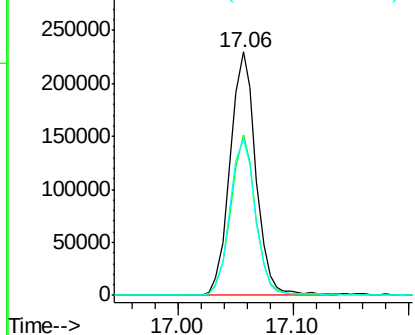
#69
 Pentachlorophenol
 Concen: 78.57 ng
 RT: 17.06 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

Instrument :
 BNA_G
 ClientSampleId :
 28B-4MSD

Tgt Ion: 266 Resp: 356153
 Ion Ratio Lower Upper
 266 100
 268 66.0 48.6 72.8
 264 64.2 50.1 75.1

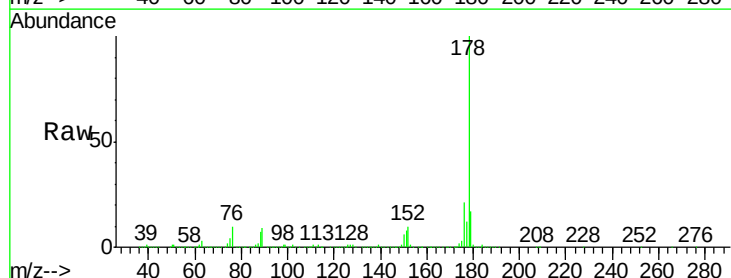


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

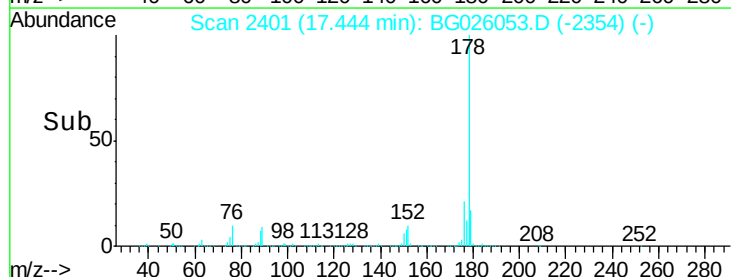
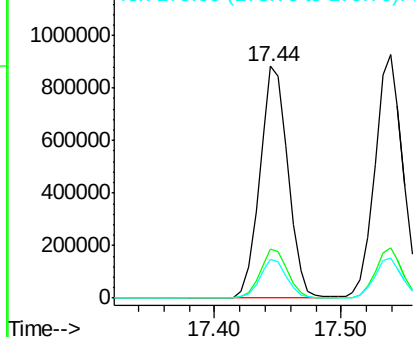


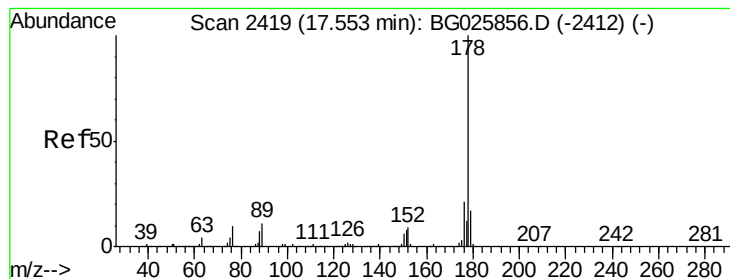
#70
 Phenanthrene
 Concen: 36.81 ng
 RT: 17.44 min Scan# 2401
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

Tgt Ion: 178 Resp: 1359431
 Ion Ratio Lower Upper
 178 100
 176 21.3 17.7 26.5
 179 16.7 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.57 ng

RT: 17.54 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

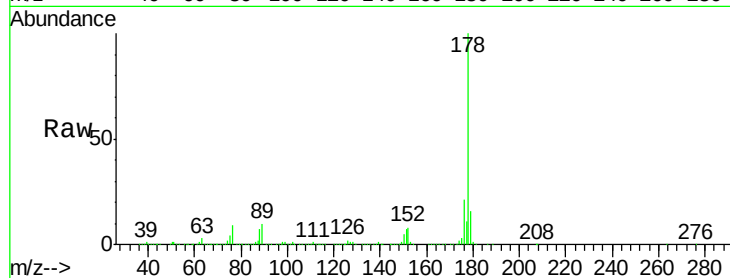
Tgt Ion:178 Resp: 1414532

Ion Ratio Lower Upper

178 100

176 20.7 16.4 24.6

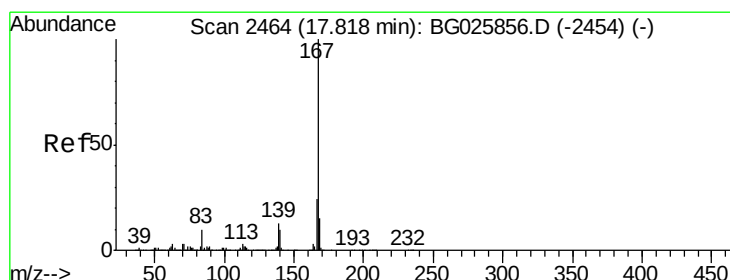
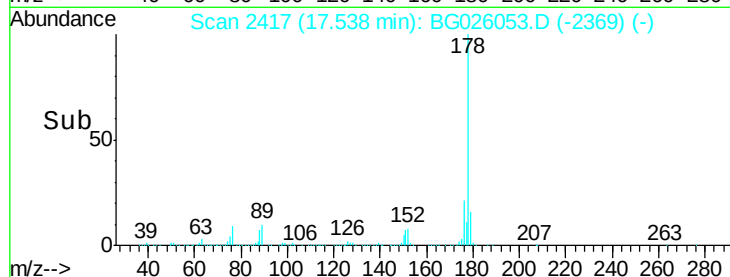
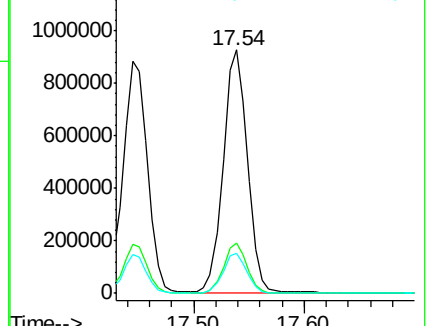
179 16.5 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.86 ng

RT: 17.80 min Scan# 2461

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

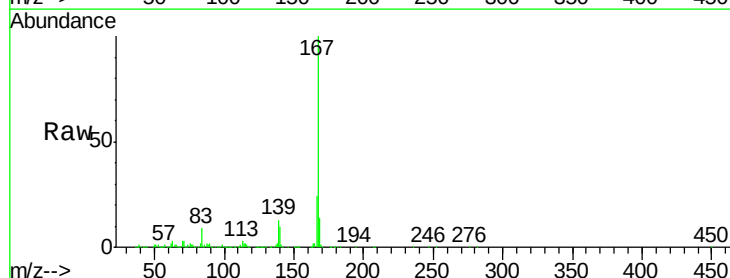
Tgt Ion:167 Resp: 1280701

Ion Ratio Lower Upper

167 100

166 23.6 20.2 30.2

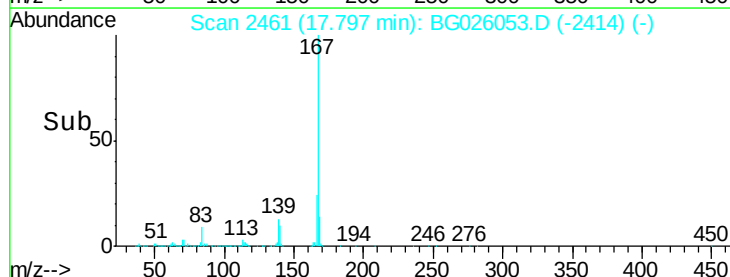
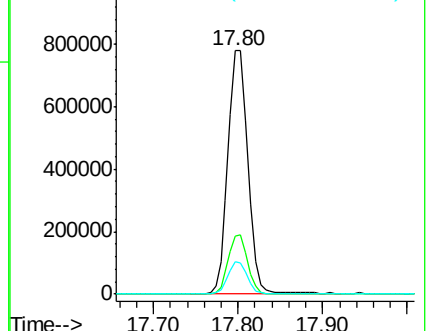
139 13.3 12.8 19.2

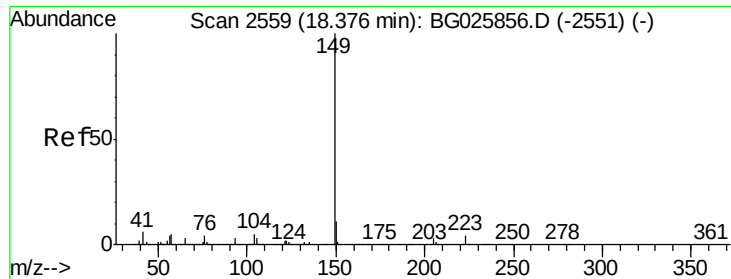


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

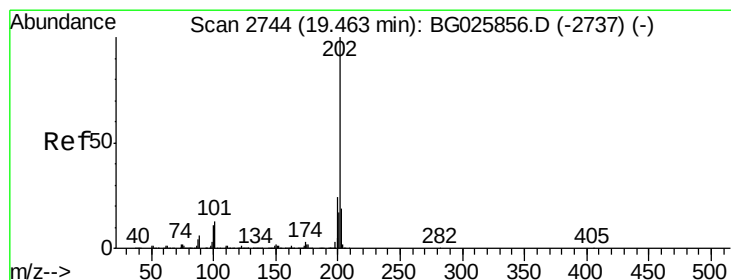
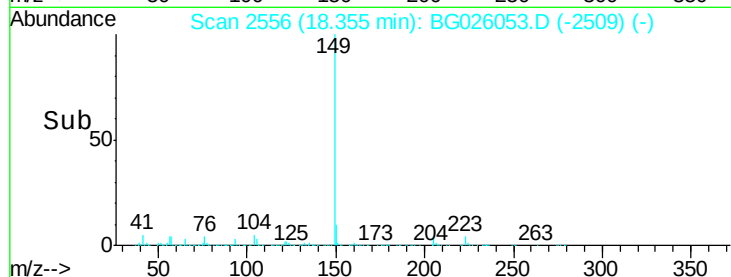
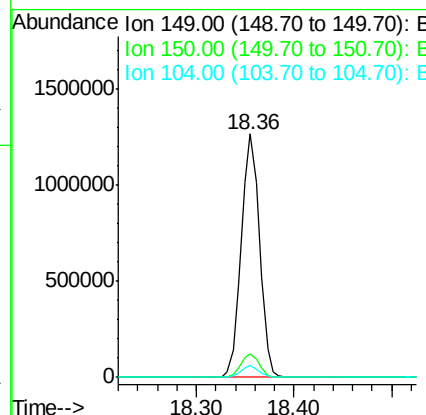
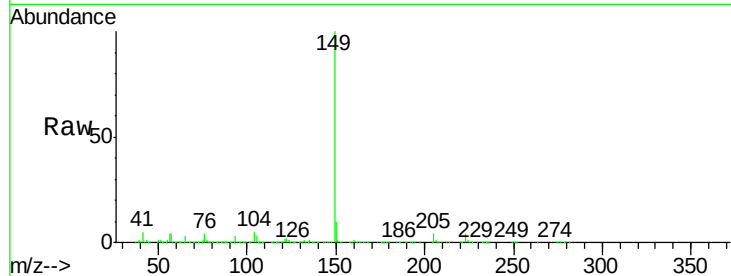




#73
Di-n-butylphthalate
Concen: 44.43 ng
RT: 18.36 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

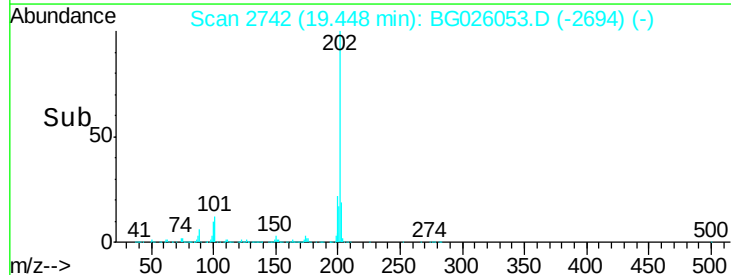
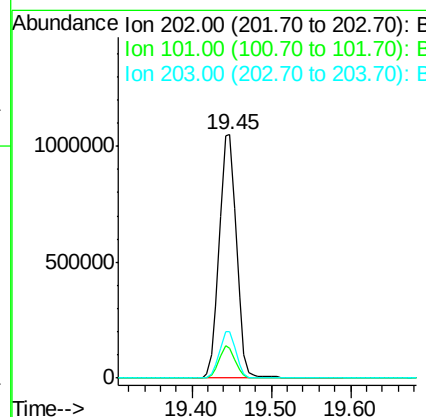
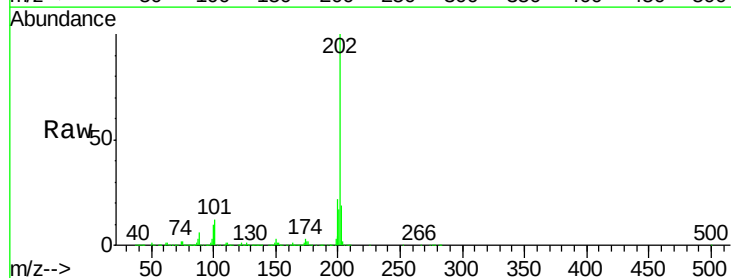
Instrument :
BNA_G
ClientSampleId :
28B-4MSD

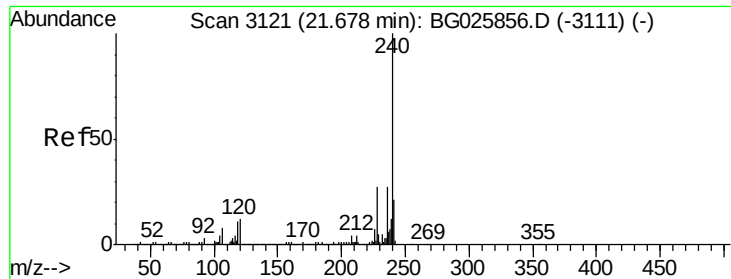
Tgt Ion:149 Resp: 1649464
Ion Ratio Lower Upper
149 100
150 9.8 9.1 13.7
104 4.8 6.7 10.1#



#74
Fluoranthene
Concen: 39.01 ng
RT: 19.45 min Scan# 2742
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

Tgt Ion:202 Resp: 1586018
Ion Ratio Lower Upper
202 100
101 12.3 0.0 30.1
203 19.1 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampled :

28B-4MSD

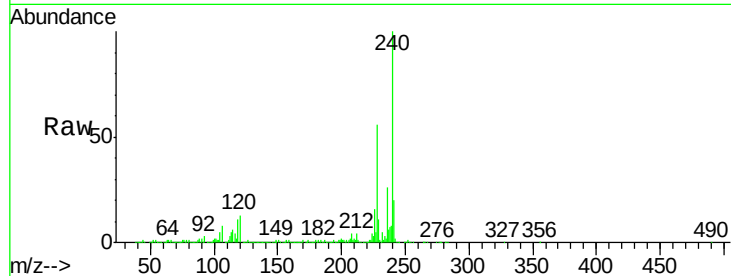
Tgt Ion:240 Resp: 683520

Ion Ratio Lower Upper

240 100

120 12.8 5.7 8.5#

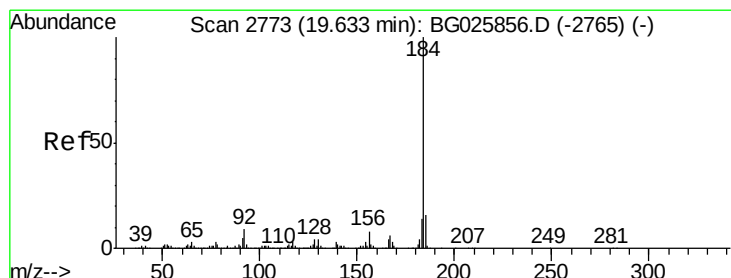
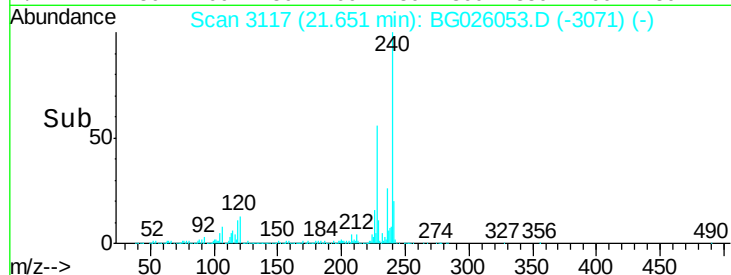
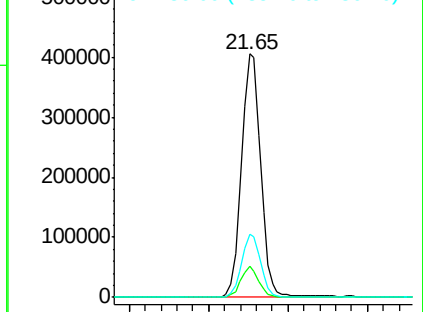
236 26.2 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.15 ng

RT: 19.62 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

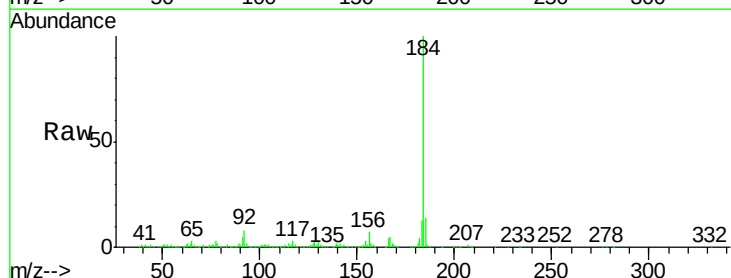
Tgt Ion:184 Resp: 477834

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.6

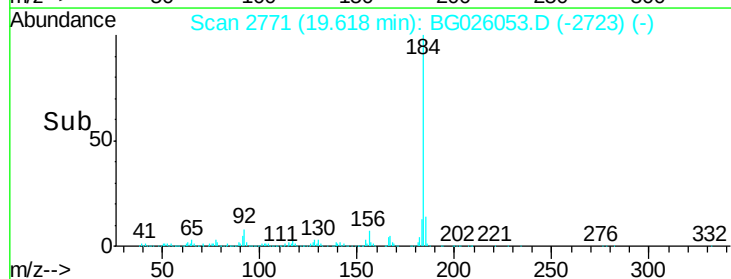
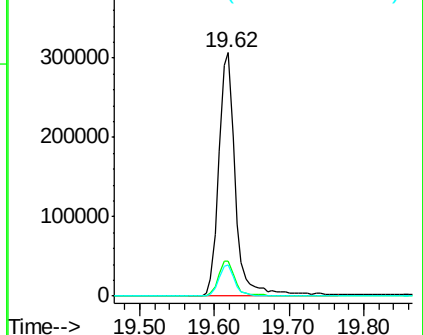
183 12.9 11.0 16.6

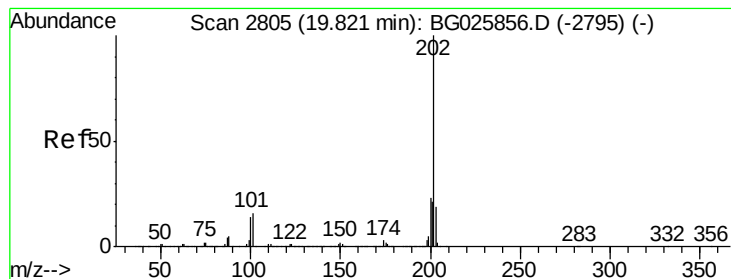


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.01 ng

RT: 19.81 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

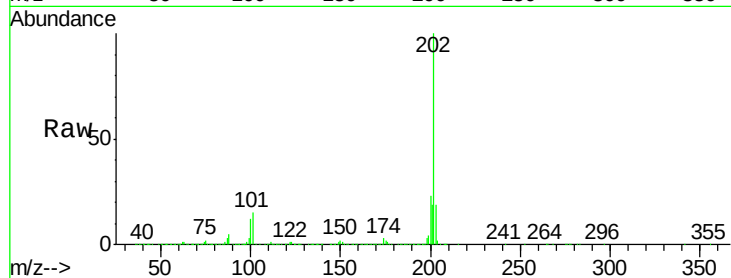
Tgt Ion:202 Resp: 1599751

Ion Ratio Lower Upper

202 100

200 23.5 19.6 29.4

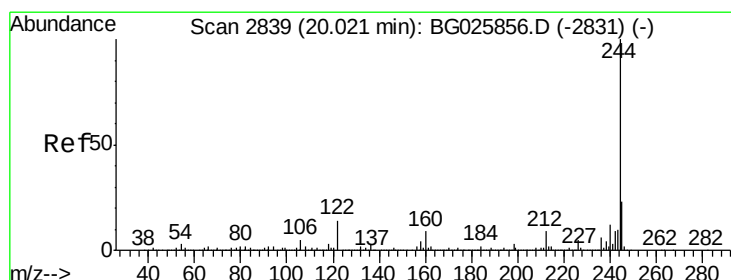
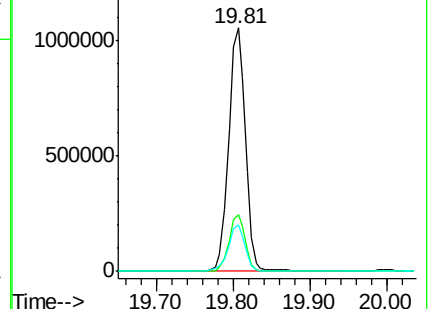
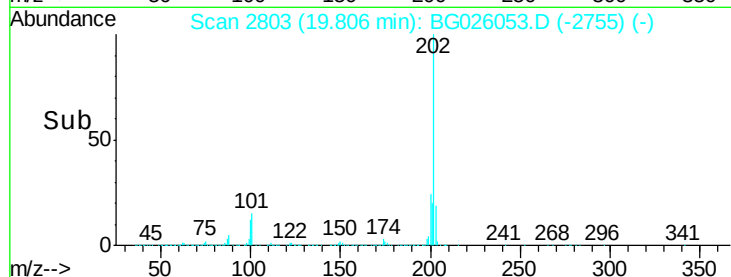
203 19.3 15.8 23.8



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: 64.78 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

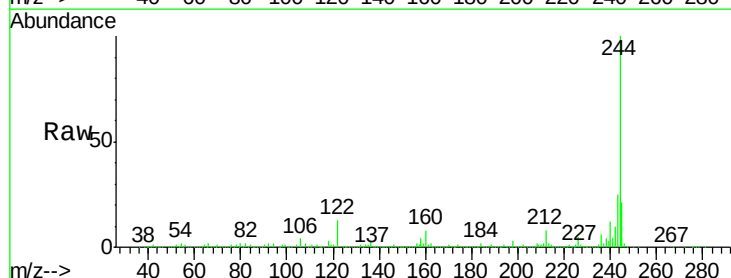
Tgt Ion:244 Resp: 1820671

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

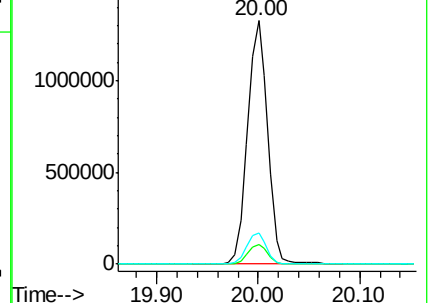
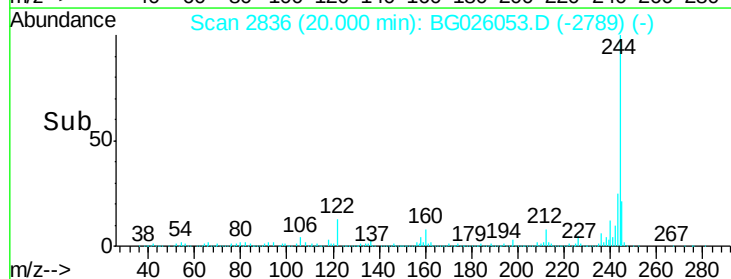
122 12.7 8.6 12.8

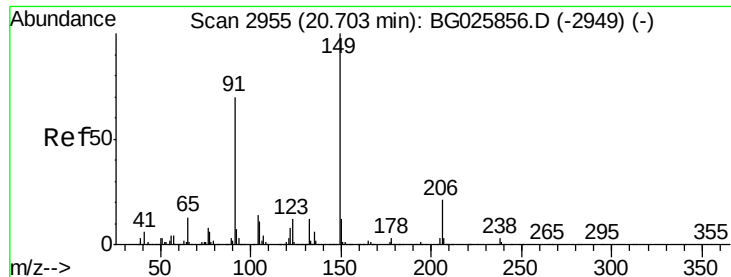


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

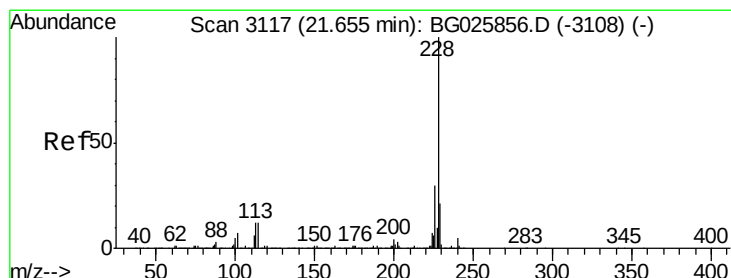
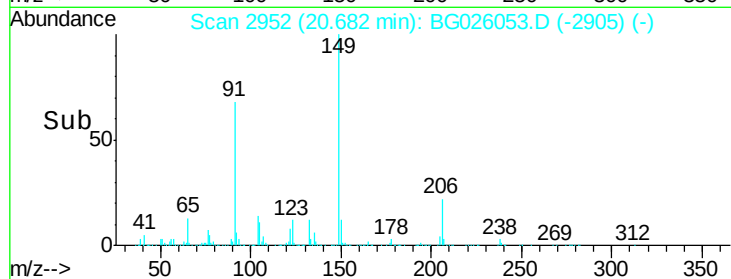
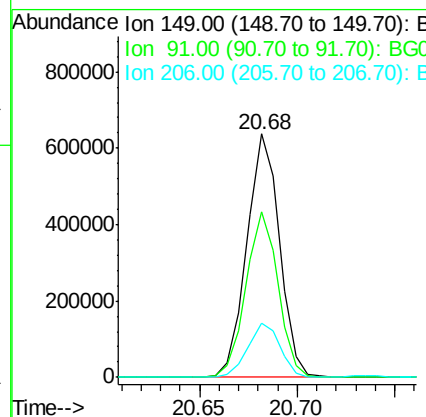
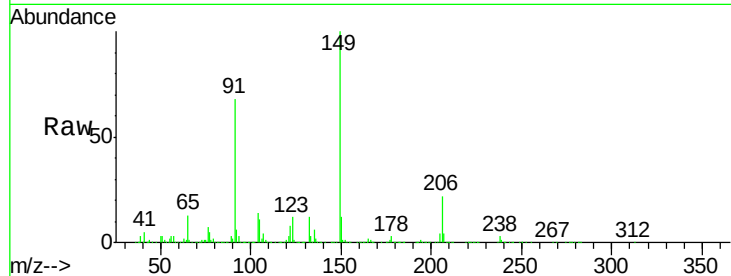




#79
Butylbenzylphthalate
Concen: 45.07 ng
RT: 20.68 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

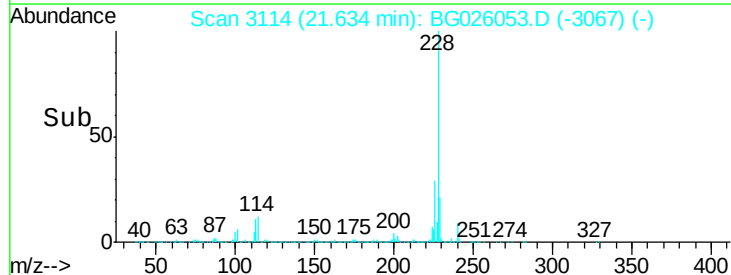
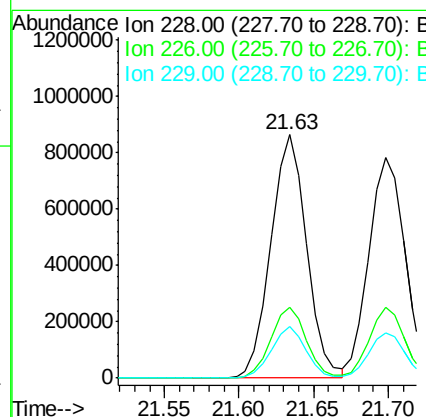
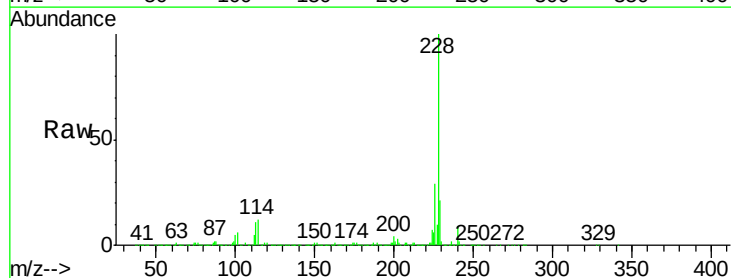
Instrument :
BNA_G
ClientSampleId :
28B-4MSD

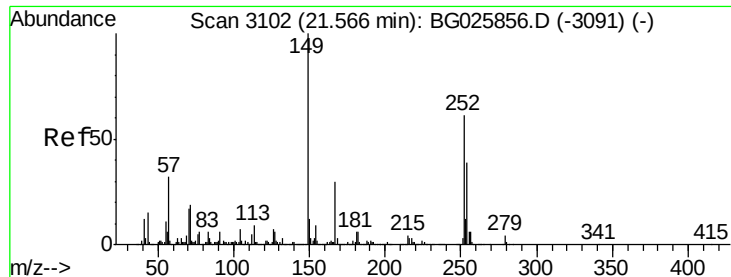
Tgt Ion:149 Resp: 739373
Ion Ratio Lower Upper
149 100
91 68.0 63.5 95.3
206 22.0 21.0 31.6



#80
Benzo(a)anthracene
Concen: 36.10 ng
RT: 21.63 min Scan# 3114
Delta R.T. -0.02 min
Lab File: BG026053.D
Acq: 3 Mar 2017 6:28

Tgt Ion:228 Resp: 1440640
Ion Ratio Lower Upper
228 100
226 28.8 24.9 37.3
229 21.0 18.2 27.2

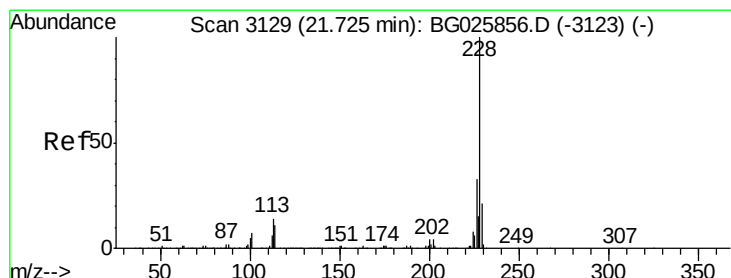
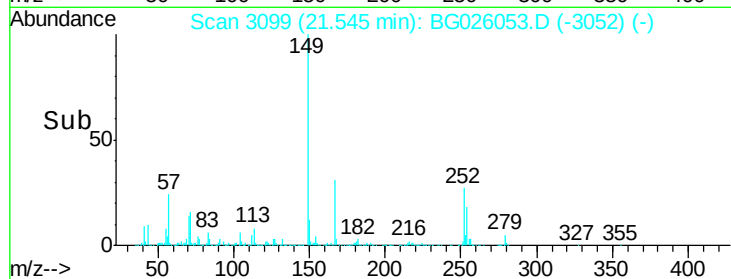
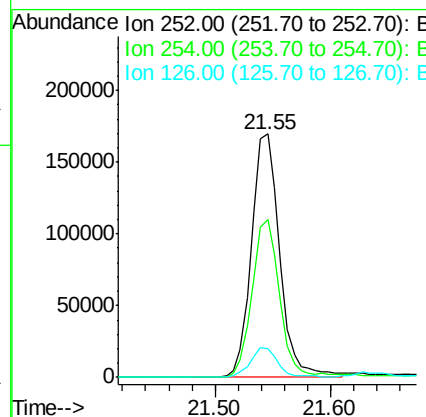
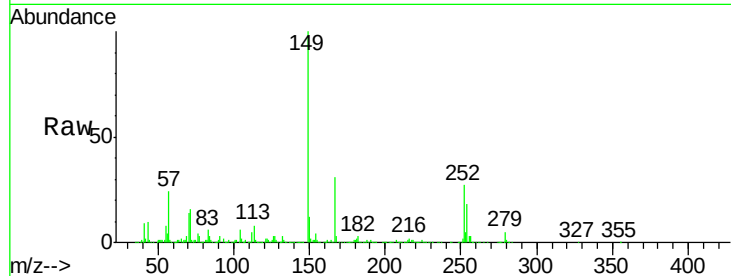




#81
 3,3'-Dichlorobenzidine
 Concen: 20.21 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

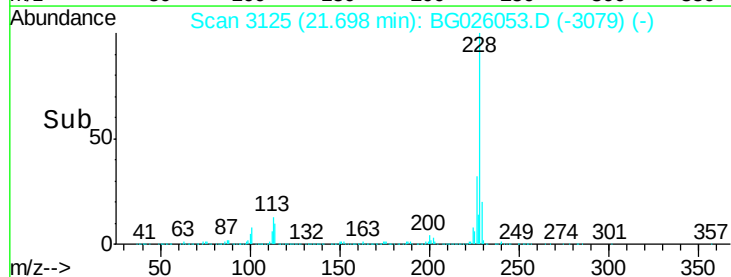
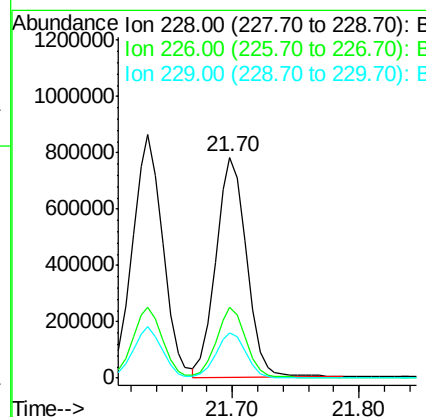
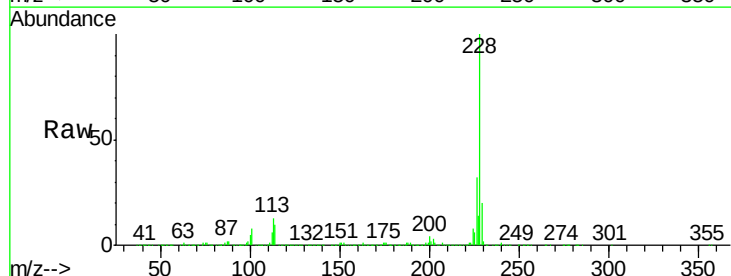
Instrument :
 BNA_G
 ClientSampleId :
 28B-4MSD

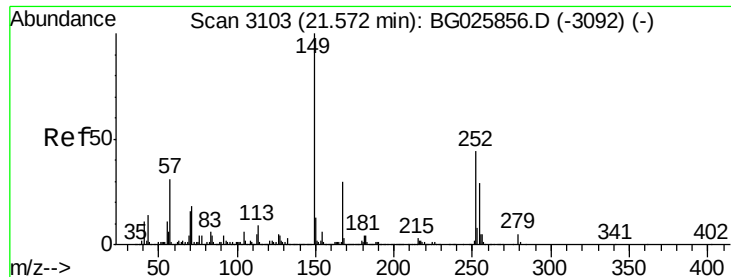
Tgt Ion:252 Resp: 287541
 Ion Ratio Lower Upper
 252 100
 254 64.6 53.1 79.7
 126 11.7 7.0 10.4#



#82
 Chrysene
 Concen: 33.99 ng
 RT: 21.70 min Scan# 3125
 Delta R.T. -0.03 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

Tgt Ion:228 Resp: 1304347
 Ion Ratio Lower Upper
 228 100
 226 32.1 27.0 40.4
 229 20.3 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.62 ng

RT: 21.54 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

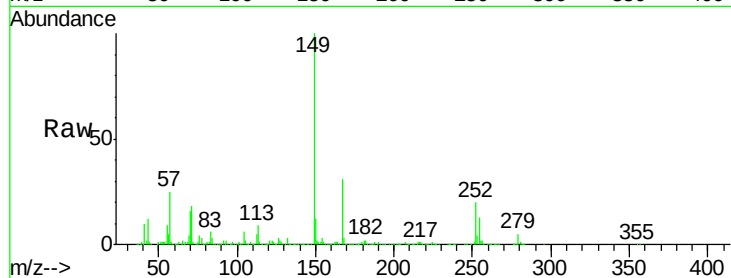
Tgt Ion:149 Resp: 1104410

Ion Ratio Lower Upper

149 100

167 30.8 23.7 35.5

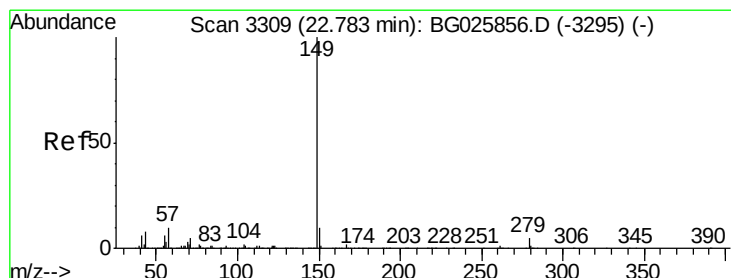
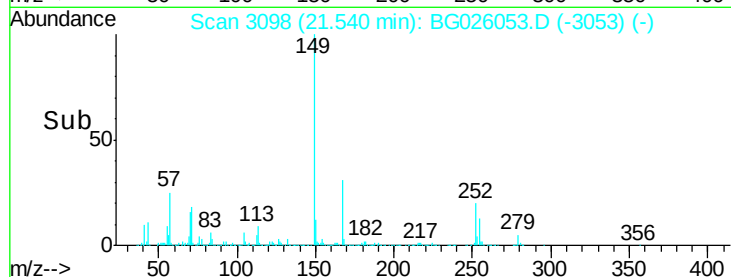
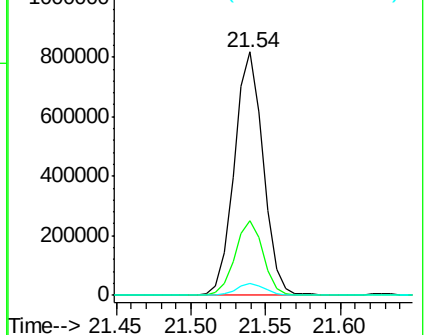
279 4.8 4.6 6.8



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: 48.10 ng

RT: 22.74 min Scan# 3302

Delta R.T. -0.04 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

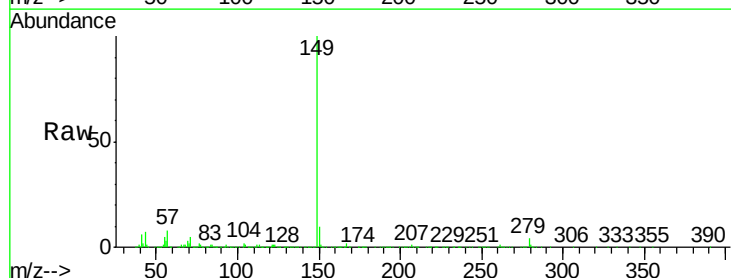
Tgt Ion:149 Resp: 1881654

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.2

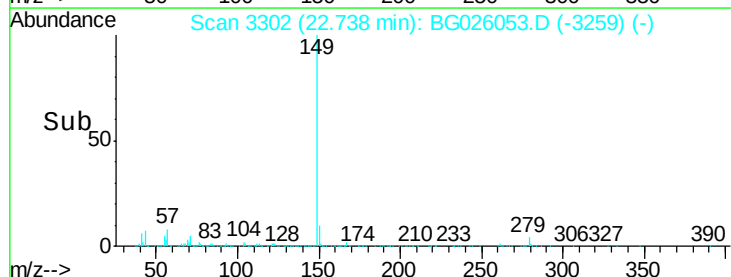
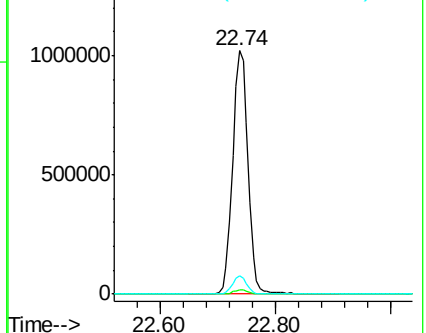
43 7.0 11.8 17.6#

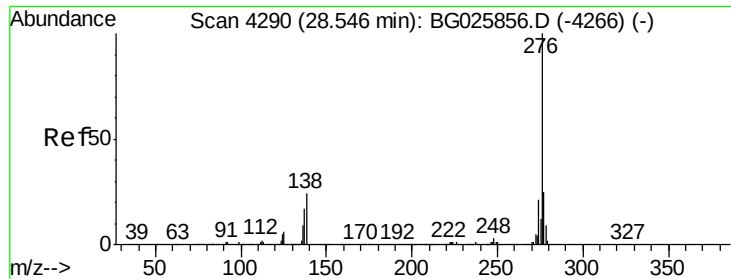


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

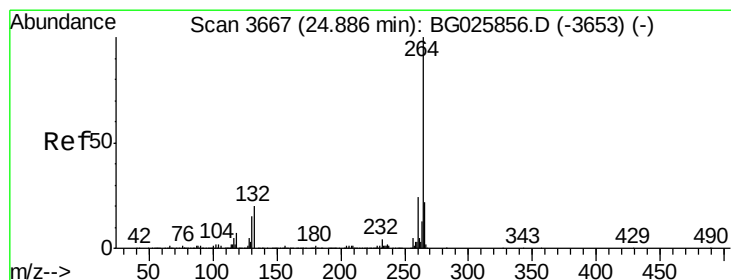
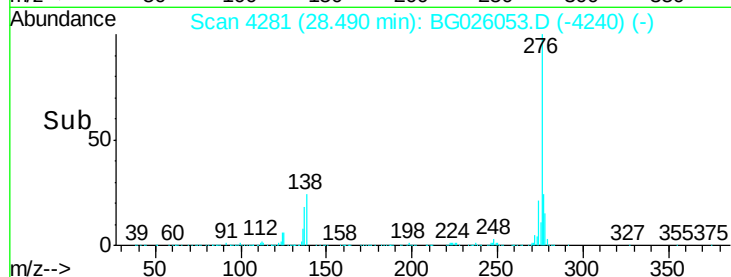
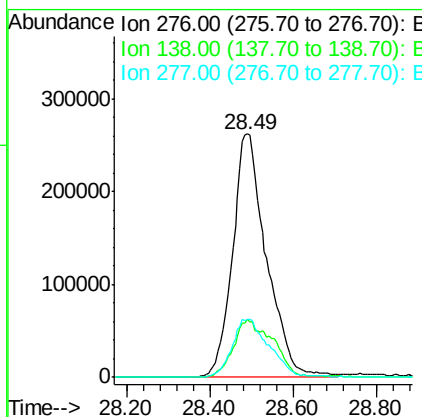
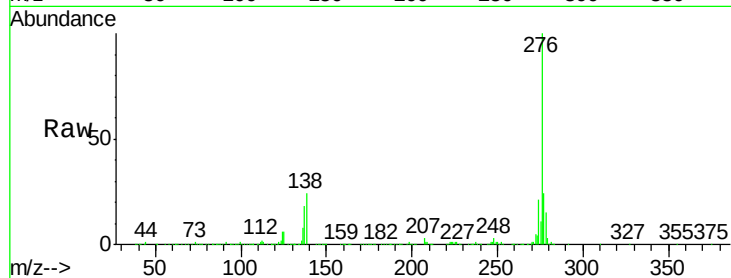




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.58 ng
 RT: 28.49 min Scan# 4281
 Delta R.T. -0.06 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

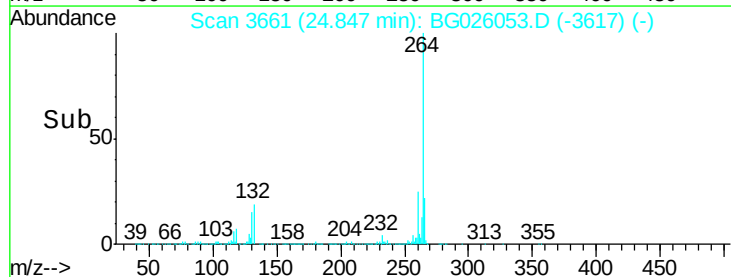
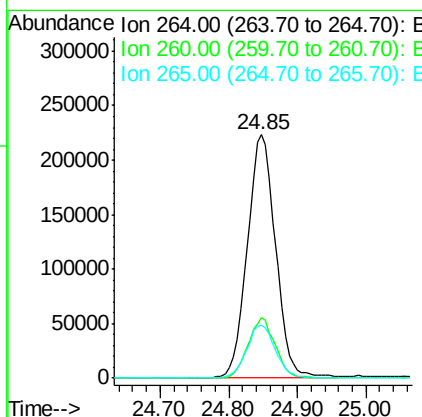
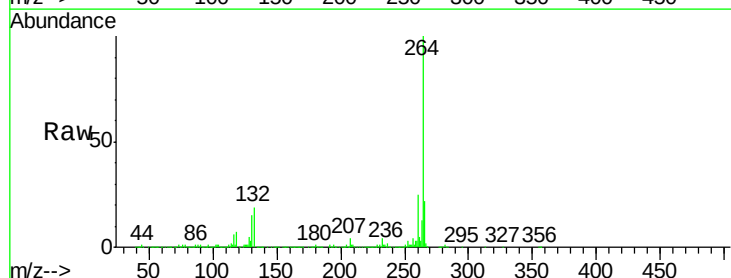
Instrument :
 BNA_G
 ClientSampleId :
 28B-4MSD

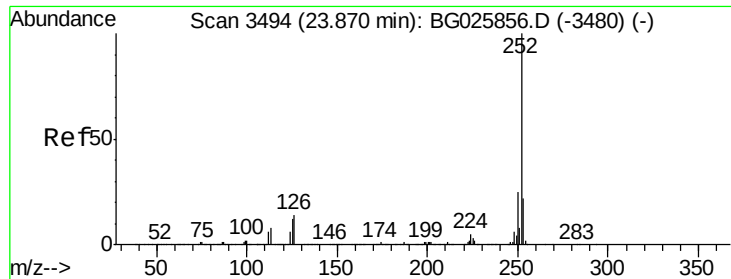
Tgt Ion:276 Resp: 1472756
 Ion Ratio Lower Upper
 276 100
 138 27.9 4.7 7.1#
 277 26.2 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.85 min Scan# 3661
 Delta R.T. -0.04 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

Tgt Ion:264 Resp: 640845
 Ion Ratio Lower Upper
 264 100
 260 24.7 21.8 32.8
 265 21.8 18.2 27.4

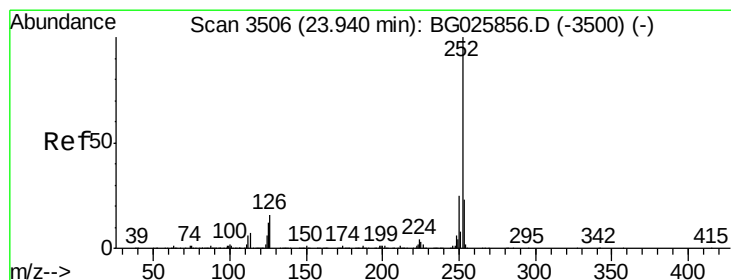
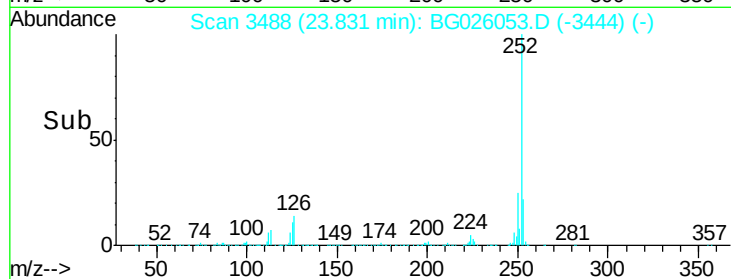
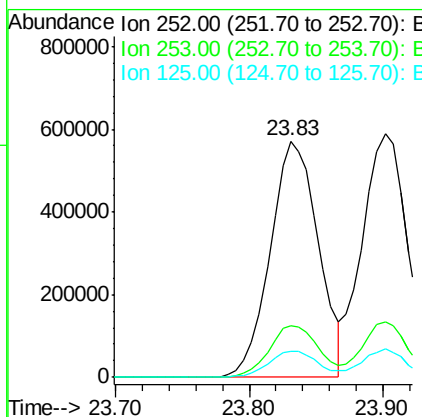
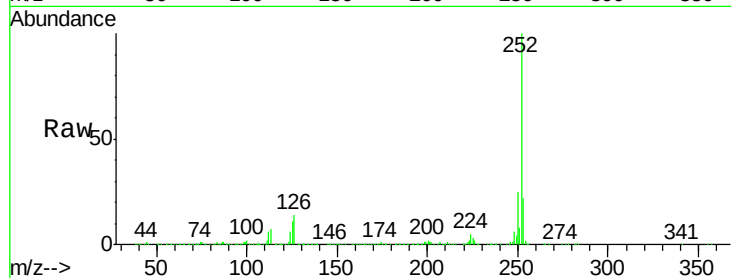




#87
 Benzo(b)fluoranthene
 Concen: 37.13 ng
 RT: 23.83 min Scan# 3488
 Delta R.T. -0.04 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

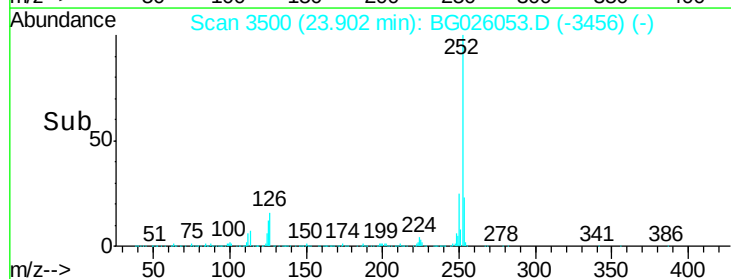
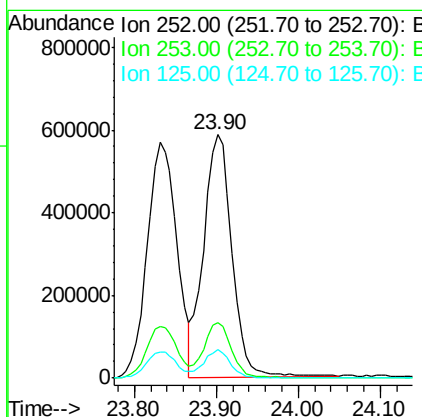
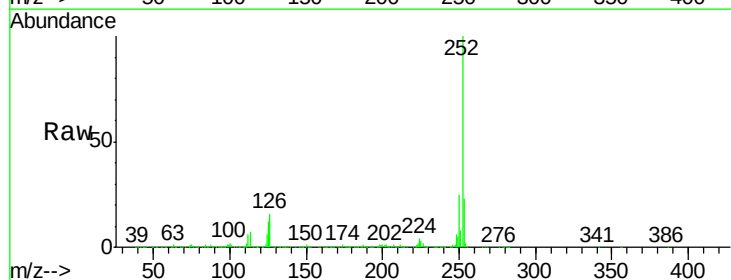
Instrument :
 BNA_G
 ClientSampleId :
 28B-4MSD

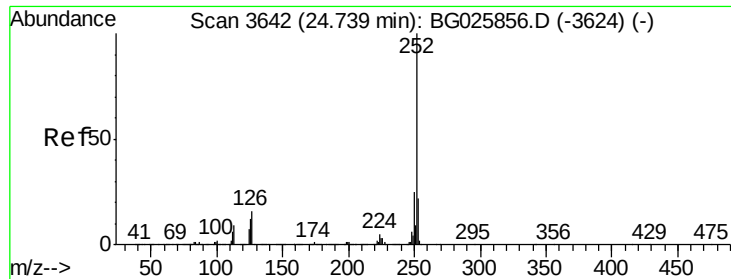
Tgt Ion:252 Resp: 1425040
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.7 28.1
 125 11.0 5.3 7.9#



#88
 Benzo(k)fluoranthene
 Concen: 37.52 ng
 RT: 23.90 min Scan# 3500
 Delta R.T. -0.04 min
 Lab File: BG026053.D
 Acq: 3 Mar 2017 6:28

Tgt Ion:252 Resp: 1405220
 Ion Ratio Lower Upper
 252 100
 253 22.7 20.2 30.2
 125 11.7 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 36.77 ng

RT: 24.70 min Scan# 3636

Delta R.T. -0.04 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

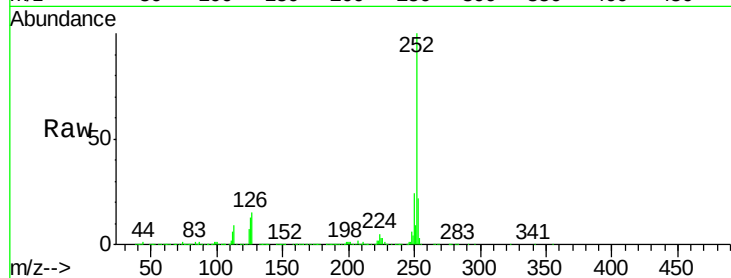
Tgt Ion:252 Resp: 1336526

Ion Ratio Lower Upper

252 100

253 21.8 19.2 28.8

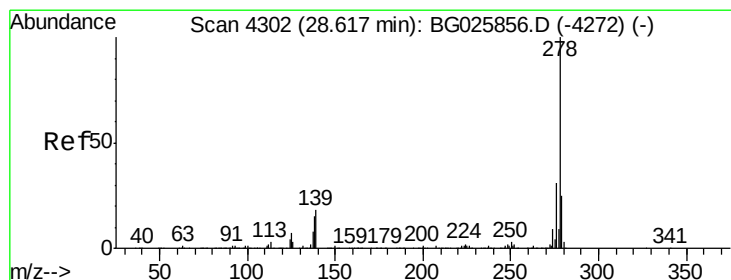
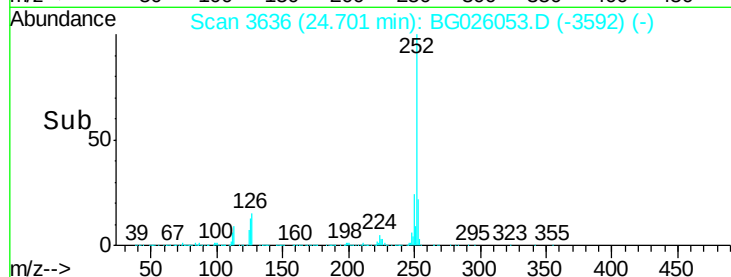
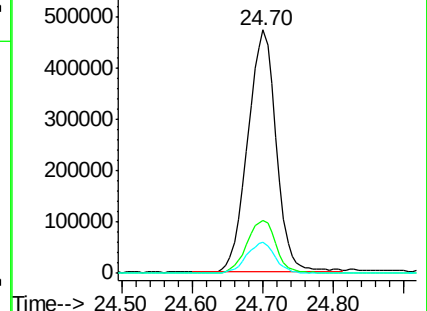
125 12.6 5.4 8.0#



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: 32.50 ng

RT: 28.55 min Scan# 4291

Delta R.T. -0.07 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

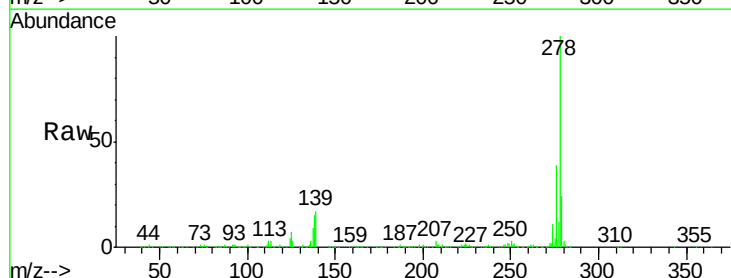
Tgt Ion:278 Resp: 1186495

Ion Ratio Lower Upper

278 100

139 17.5 7.7 11.5#

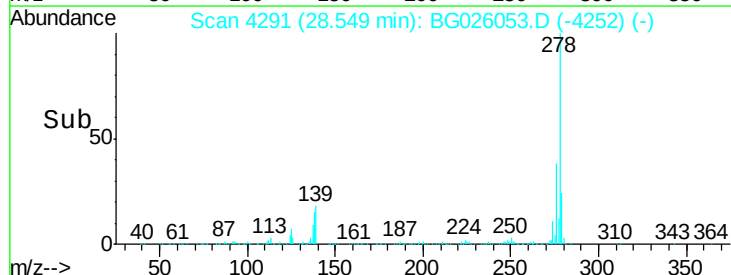
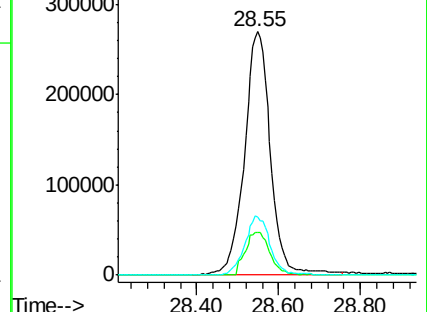
279 23.9 19.1 28.7

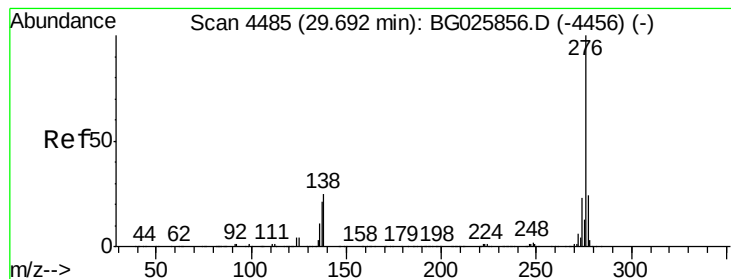


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.54 ng

RT: 29.62 min Scan# 4474

Delta R.T. -0.07 min

Lab File: BG026053.D

Acq: 3 Mar 2017 6:28

Instrument :

BNA_G

ClientSampleId :

28B-4MSD

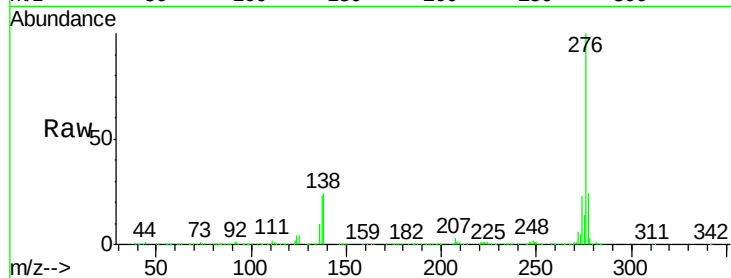
Tgt Ion:276 Resp: 1264596

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 23.6 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

