

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026342.D
 Acq On : 21 Mar 2017 1:00
 Operator : SJ/MA
 Sample : PB97674BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Quant Time: Mar 21 02:22:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	119023	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	511333	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	311684	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	785207	20.00	ng	0.00
75) Chrysene-d12	21.64	240	876716	20.00	ng	0.00
86) Perylene-d12	24.82	264	856542	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1024903	152.84	ng	0.00
7) Phenol-d6	7.21	99	1363136	151.41	ng	0.00
23) Nitrobenzene-d5	9.20	82	729827	85.82	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	572511	160.40	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1948127	87.65	ng	0.00
78) Terphenyl-d14	19.99	244	2879707	79.77	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	108371	36.00	ng	# 74
3) Pyridine	3.90	79	303354	36.80	ng	# 62
4) n-Nitrosodimethylamine	3.81	42	97613	43.32	ng	# 1
6) Aniline	7.37	93	287736	23.93	ng	# 88
8) 2-Chlorophenol	7.61	128	388545	51.46	ng	# 83
9) Benzaldehyde	7.18	77	109257	17.98	ng	# 70
10) Phenol	7.24	94	490620	51.07	ng	# 71
11) bis(2-Chloroethyl)ether	7.47	93	350746	44.52	ng	# 81
12) 1,3-Dichlorobenzene	7.94	146	406794	45.25	ng	# 87
13) 1,4-Dichlorobenzene	8.08	146	412723	45.39	ng	# 94
14) 1,2-Dichlorobenzene	8.40	146	392565	45.11	ng	# 92
15) Benzyl Alcohol	8.28	79	298528	50.58	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	8.58	45	349667	39.97	ng	# 80
17) 2-Methylphenol	8.49	107	334861	49.08	ng	# 81
18) Hexachloroethane	9.13	117	133258	44.82	ng	# 88
19) n-Nitroso-di-n-propylamine	8.85	70	260397	44.99	ng	# 70
20) 3+4-Methylphenols	8.81	107	468136	49.84	ng	# 85
22) Acetophenone	8.86	105	545443	46.39	ng	# 74
24) Nitrobenzene	9.25	77	377827	45.00	ng	# 74
25) Isophorone	9.77	82	748947	46.73	ng	# 89
26) 2-Nitrophenol	9.96	139	221474	50.69	ng	# 61
27) 2,4-Dimethylphenol	10.02	122	378114	52.72	ng	# 86
28) bis(2-Chloroethoxy)methane	10.24	93	476007	45.72	ng	# 98
29) 2,4-Dichlorophenol	10.50	162	393236	54.22	ng	# 93
30) 1,2,4-Trichlorobenzene	10.71	180	388630	47.70	ng	# 96
31) Naphthalene	10.90	128	1174164	45.42	ng	# 99
32) Benzoic acid	10.16	122	280404	50.81	ng	# 72
33) 4-Chloroaniline	11.00	127	94278	8.97	ng	# 83
34) Hexachlorobutadiene	11.18	225	217068	45.16	ng	# 98
35) Caprolactam	11.77	113	70138	24.54	ng	# 57
36) 4-Chloro-3-methylphenol	12.12	107	416220	53.65	ng	# 81
37) 2-Methylnaphthalene	12.49	142	910909	48.10	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	419490	44.73	ng	# 99
40) Hexachlorocyclopentadiene	12.84	237	489359	99.14	ng	# 95

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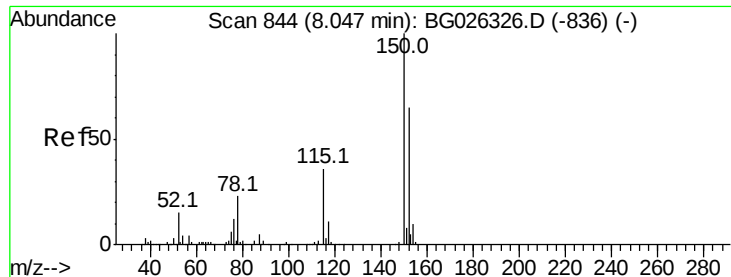
Instrument :
 BNA_G
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Quant Time: Mar 21 02:22:37 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.09	196	324757	52.89	nq	95
43) 2,4,5-Trichlorophenol	13.17	196	340603	50.18	nq #	92
45) 1,1'-Biphenyl	13.49	154	1178931	45.67	nq	97
46) 2-Chloronaphthalene	13.53	162	881727	46.77	nq	98
47) 2-Nitroaniline	13.73	65	256694	47.88	nq #	56
48) Acenaphthylene	14.38	152	1494433	45.47	nq	99
49) Dimethylphthalate	14.10	163	1179689	50.15	nq	99
50) 2,6-Dinitrotoluene	14.23	165	279469	50.90	nq #	57
51) Acenaphthene	14.72	154	940197	46.46	nq	100
52) 3-Nitroaniline	14.55	138	110443	18.27	nq #	66
53) 2,4-Dinitrophenol	14.76	184	352730	110.74	nq #	79
54) Dibenzofuran	15.05	168	1451354	50.93	nq	90
55) 4-Nitrophenol	14.87	139	545057	110.10	nq #	40
56) 2,4-Dinitrotoluene	15.02	165	410340	53.14	nq #	68
57) Fluorene	15.70	166	1203206	47.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	333682	56.37	nq #	98
59) Diethylphthalate	15.46	149	1217873	50.65	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	585613	48.73	nq	90
61) 4-Nitroaniline	15.71	138	315134	49.28	nq #	52
62) Azobenzene	15.98	77	1018020	52.07	nq	79
64) 4,6-Dinitro-2-methylphenol	15.78	198	254409	51.39	nq	85
65) n-Nitrosodiphenylamine	15.90	169	1082328	46.97	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	391180	48.40	nq	97
67) Hexachlorobenzene	16.70	284	409772	47.53	nq	93
68) Atrazine	16.84	200	402527	46.14	nq	98
69) Pentachlorophenol	17.04	266	542577	96.80	nq	96
70) Phenanthrene	17.43	178	1942375	46.07	nq	98
71) Anthracene	17.52	178	2007495	46.66	nq	99
72) Carbazole	17.78	167	1946251	43.94	nq	97
73) Di-n-butylphthalate	18.33	149	2203131	48.41	nq #	95
74) Fluoranthene	19.43	202	2322570	46.84	nq	96
76) Benzidine	19.60	184	638832	21.13	nq	98
77) Pyrene	19.79	202	2354833	46.39	nq	99
79) Butylbenzylphthalate	20.67	149	1007810	49.62	nq #	84
80) Benzo(a)anthracene	21.61	228	2270859	46.03	nq	100
81) 3,3'-Dichlorobenzidine	21.53	252	526927	26.09	nq #	98
82) Chrysene	21.68	228	2087271	44.28	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1467208	47.82	nq	97
84) Di-n-octyl phthalate	22.71	149	2540011	48.51	nq #	82
85) Indeno(1,2,3-cd)pyrene	28.45	276	2844355	48.87	nq #	87
87) Benzo(b)fluoranthene	23.81	252	2372099	46.98	nq #	96
88) Benzo(k)fluoranthene	23.88	252	2355558	48.11	nq #	94
89) Benzo(a)pyrene	24.67	252	2329753	48.11	nq #	95
90) Dibenzo(a,h)anthracene	28.51	278	2351655	48.05	nq #	93
91) Benzo(g,h,i)perylene	29.59	276	2361116	47.88	nq #	87

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

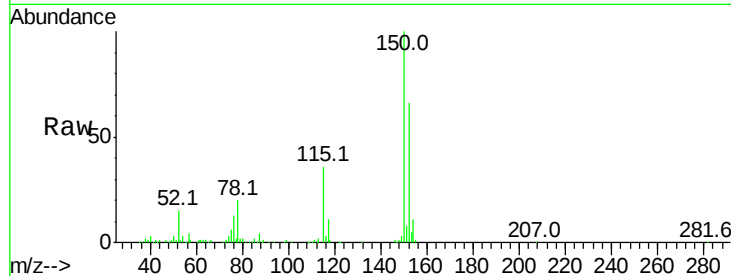


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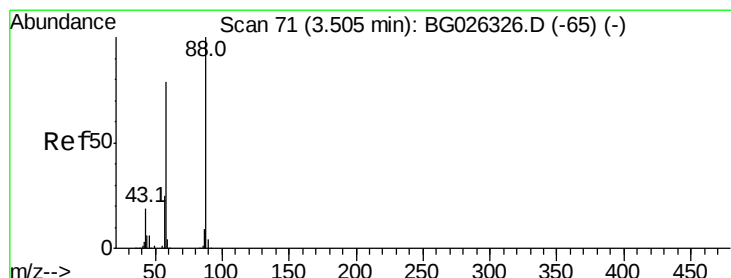
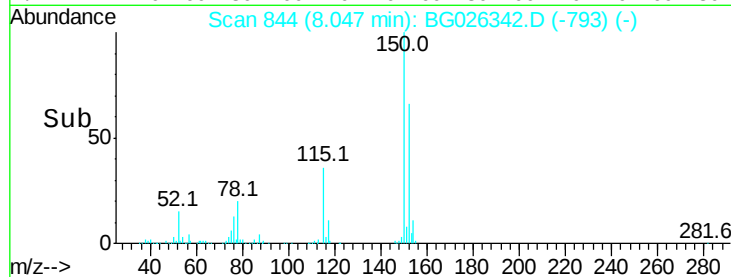
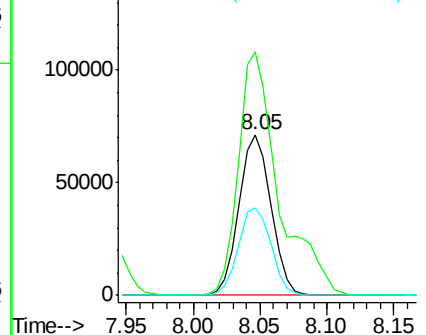
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion:152 Resp: 119023
Ion Ratio Lower Upper
152 100
150 151.5 114.0 171.0
115 54.8 48.1 72.1



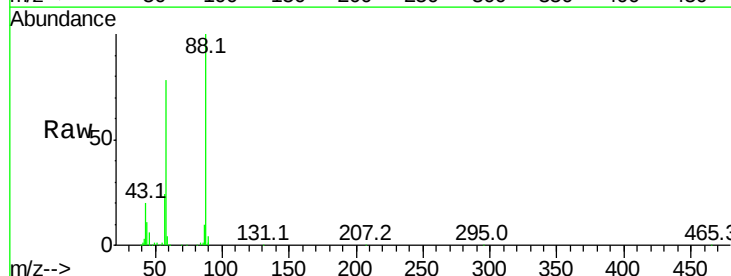
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



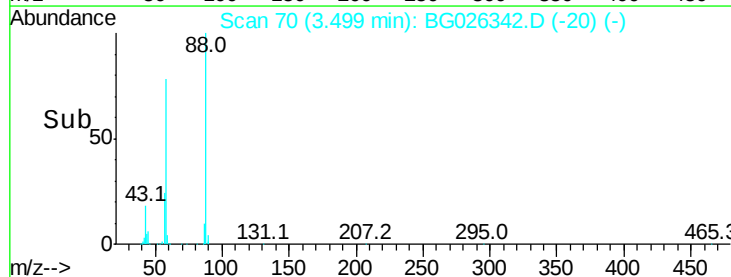
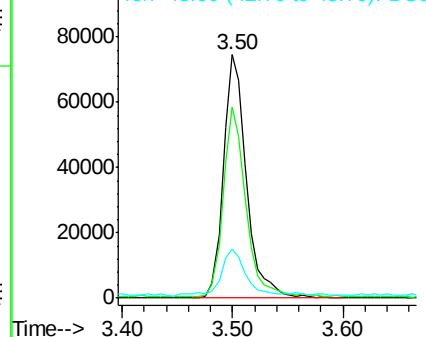
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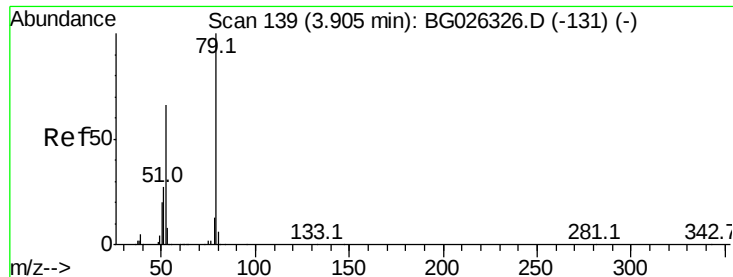
1,4-Dioxane
Concen: 36.00 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion: 88 Resp: 108371
Ion Ratio Lower Upper
88 100
58 76.2 79.4 119.2#
43 21.1 33.8 50.6#



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





#3

Pvridine

Concen: 36.80 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

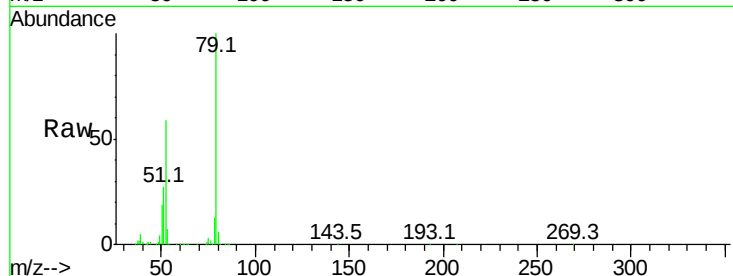
Tot Ion: 79 Resp: 303354

Ion Ratio Lower Upper

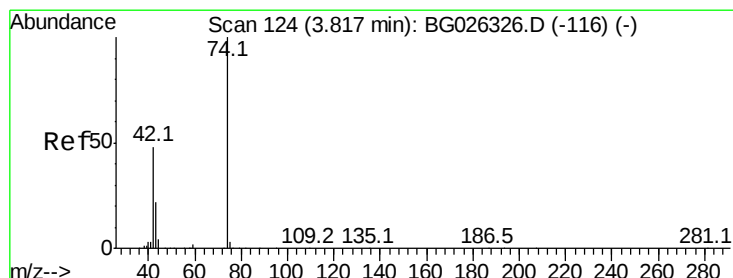
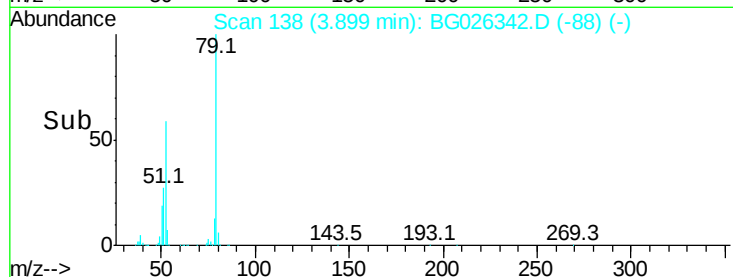
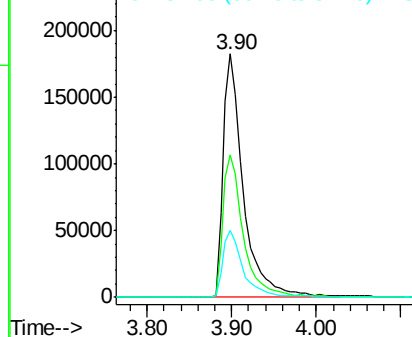
79 100

52 58.8 77.8 116.6#

51 27.3 43.2 64.8#



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



#4

n-Nitrosodimethylamine

Concen: 43.32 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

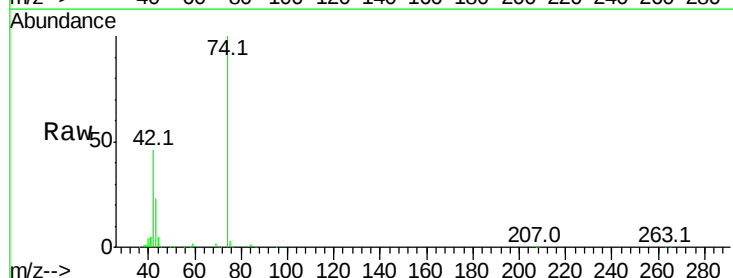
Tgt Ion: 42 Resp: 97613

Ion Ratio Lower Upper

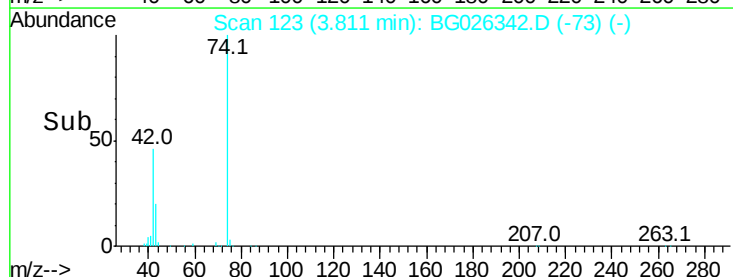
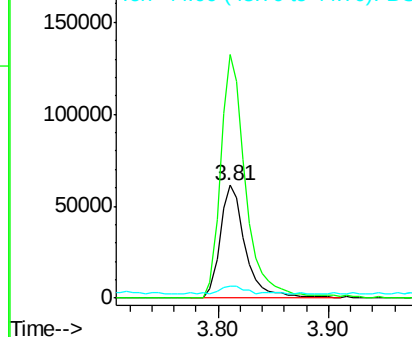
42 100

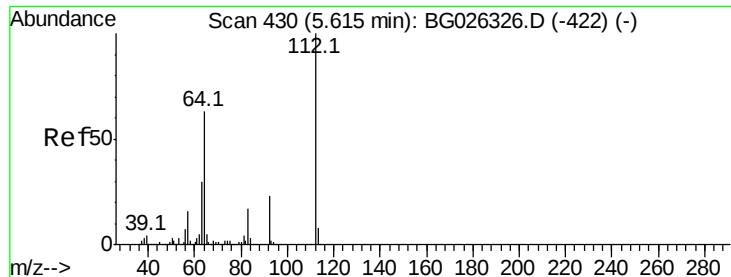
74 215.5 76.7 115.1#

44 11.1 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: 152.84 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

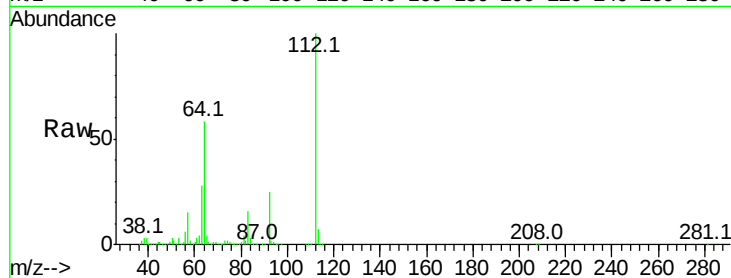
Tot Ion:112 Resp: 1024903

Ion Ratio Lower Upper

112 100

64 57.9 61.8 92.6#

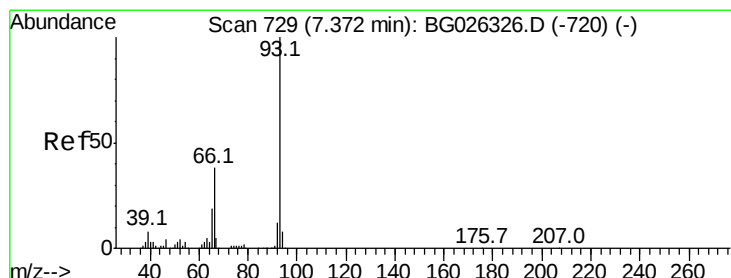
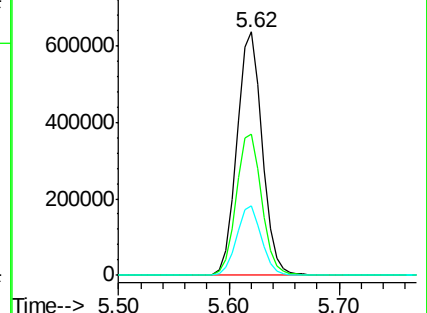
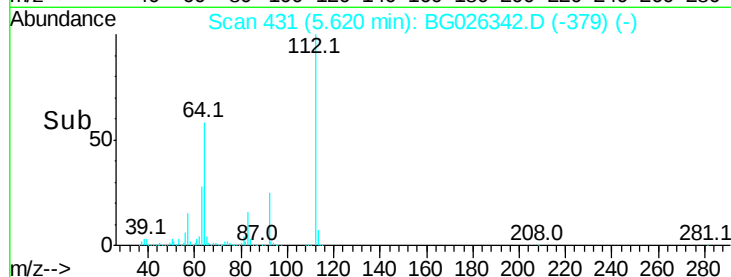
63 28.3 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.93 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

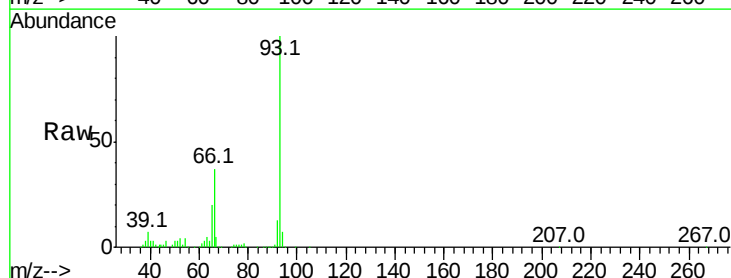
Tgt Ion: 93 Resp: 287736

Ion Ratio Lower Upper

93 100

66 37.1 35.4 53.2

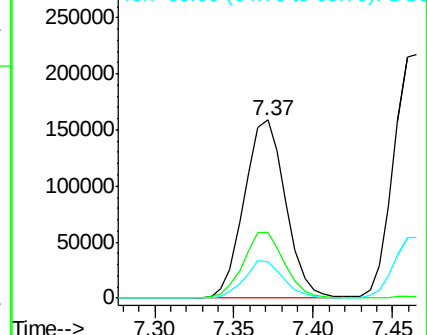
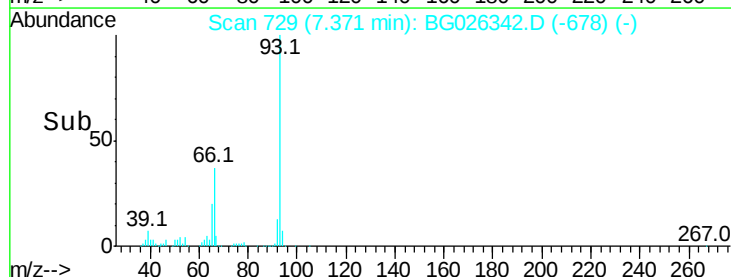
65 20.2 21.2 31.8#

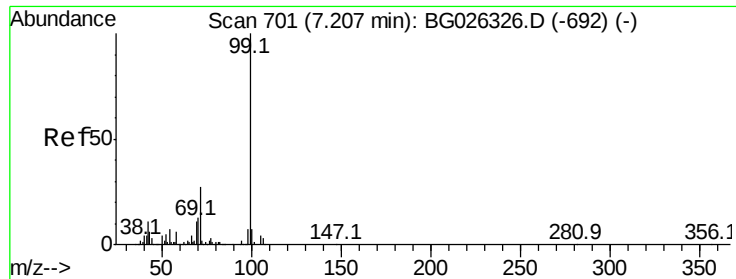


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.41 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampled :

PB97674BS

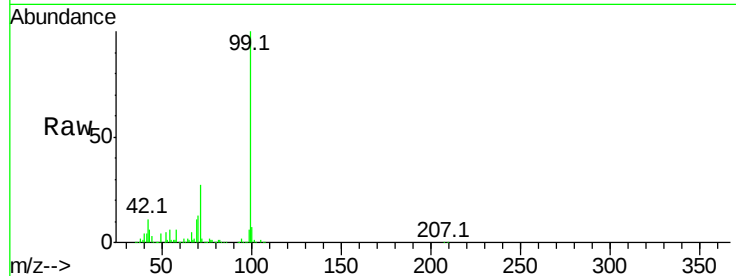
Tot Ion: 99 Resp: 1363136

Ion Ratio Lower Upper

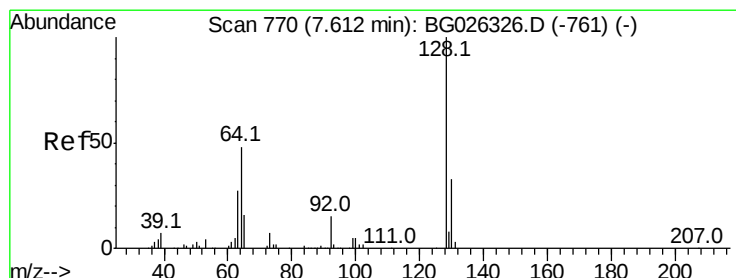
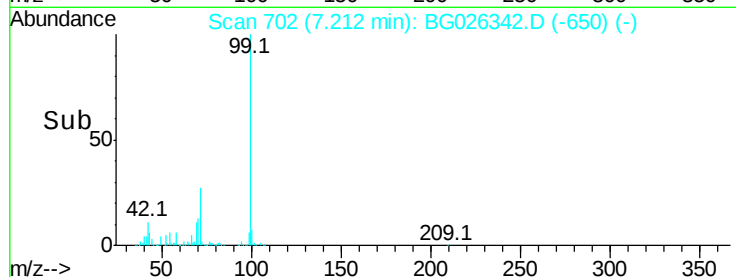
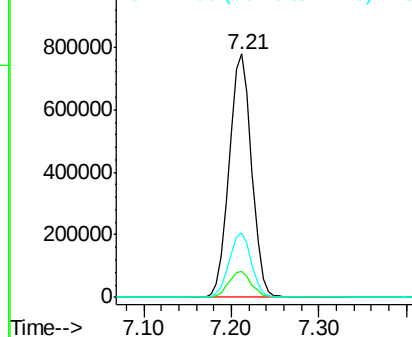
99 100

42 11.0 20.5 30.7#

71 26.6 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: 51.46 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

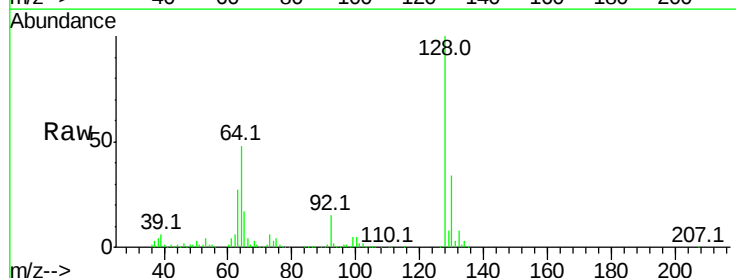
Tgt Ion:128 Resp: 388545

Ion Ratio Lower Upper

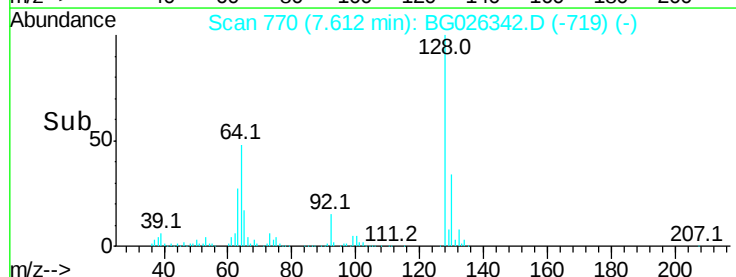
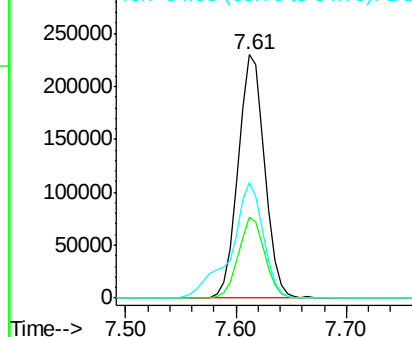
128 100

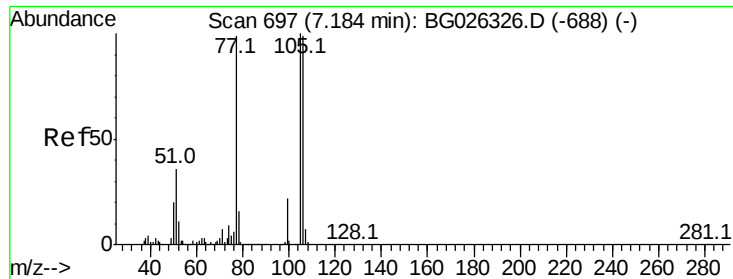
130 33.5 11.4 51.4

64 47.5 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: 17.98 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

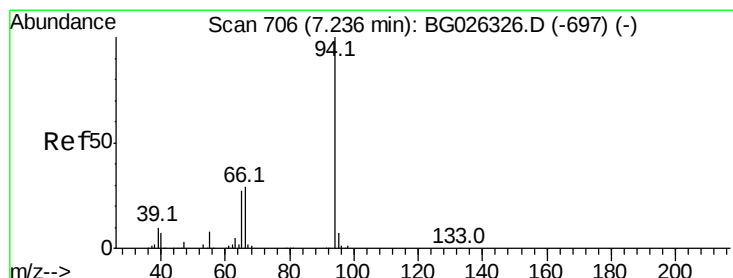
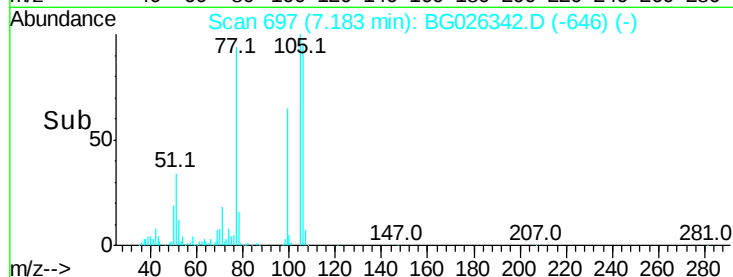
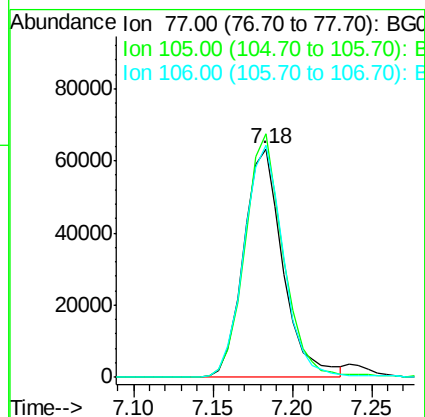
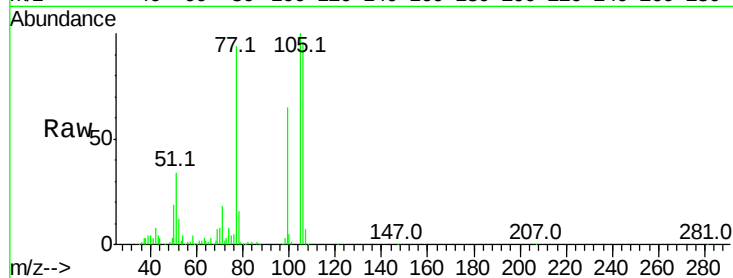
Tot Ion: 77 Resp: 109257

Ion Ratio Lower Upper

77 100

105 106.6 60.9 100.9#

106 101.6 55.1 95.1#



#10

Phenol

Concen: 51.07 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

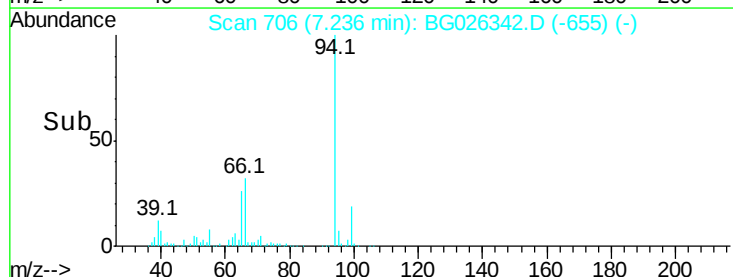
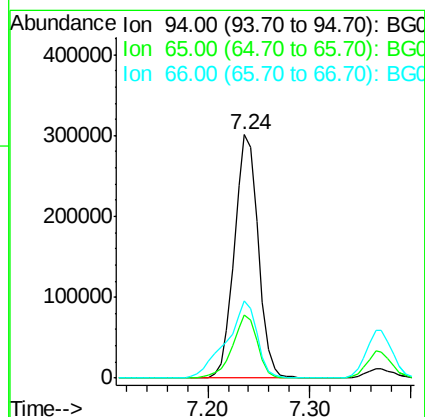
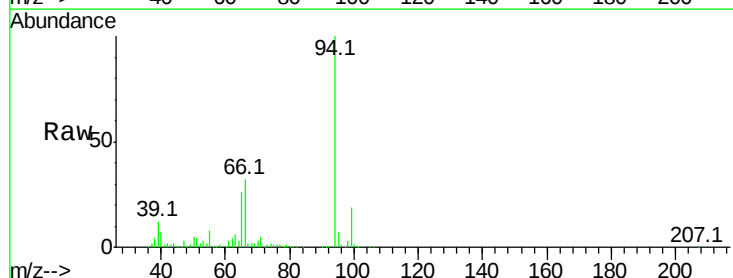
Tgt Ion: 94 Resp: 490620

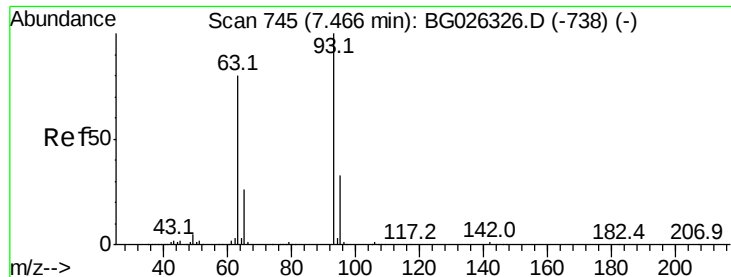
Ion Ratio Lower Upper

94 100

65 25.8 20.6 60.6

66 31.8 35.5 75.5#





#11

bis(2-Chloroethyl)ether

Concen: 44.52 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

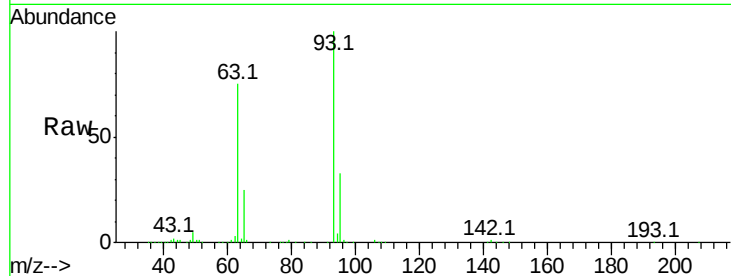
Tot Ion: 93 Resp: 350746

Ion Ratio Lower Upper

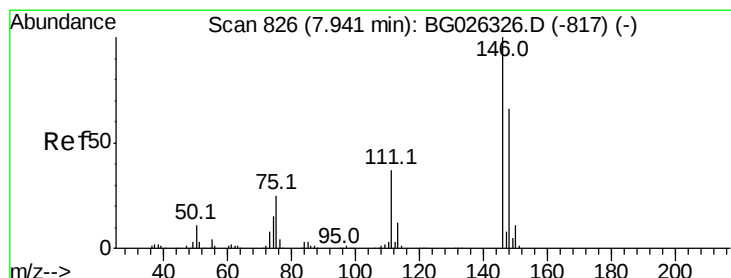
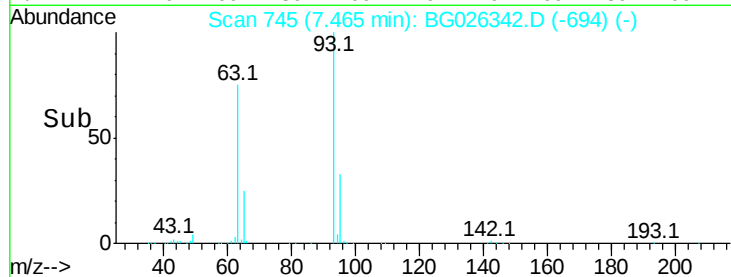
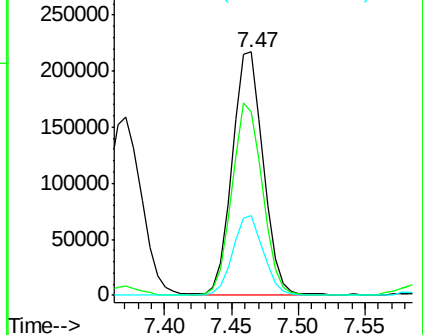
93 100

63 75.3 78.5 118.5#

95 32.9 9.8 49.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 45.25 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

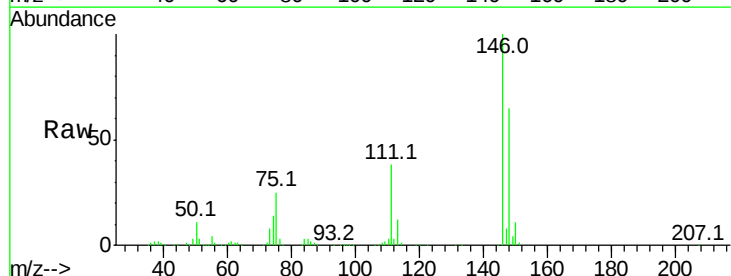
Tgt Ion: 146 Resp: 406794

Ion Ratio Lower Upper

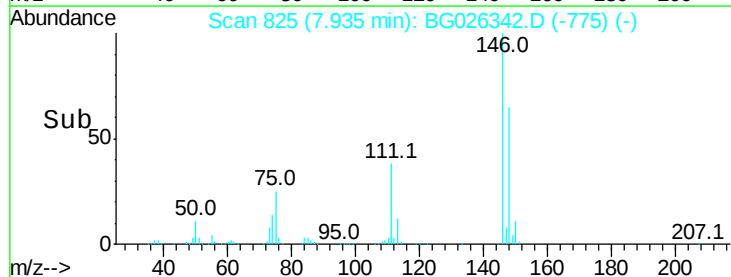
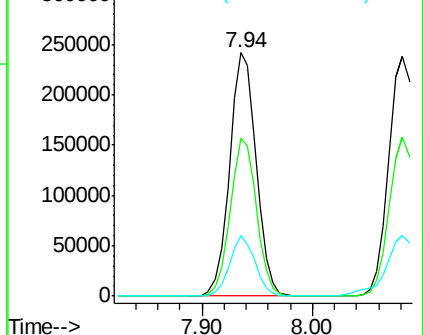
146 100

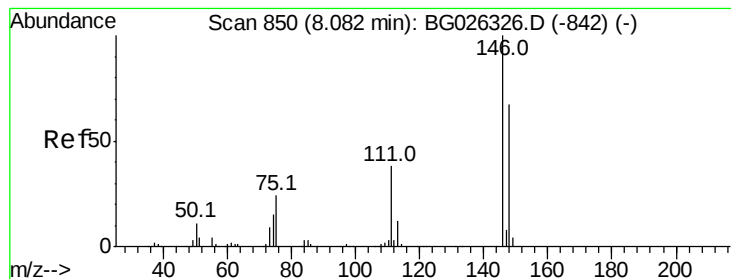
148 64.9 49.2 73.8

75 25.1 33.4 50.2#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 45.39 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

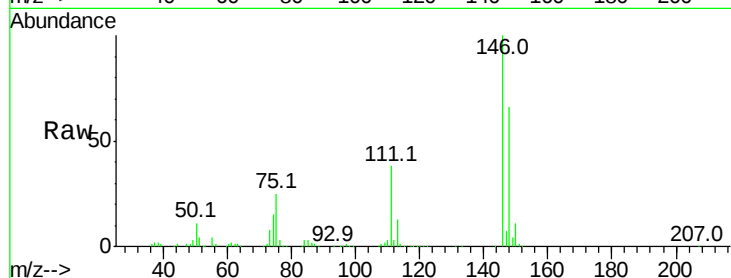
Tot Ion:146 Resp: 412723

Ion Ratio Lower Upper

146 100

148 66.1 52.2 78.2

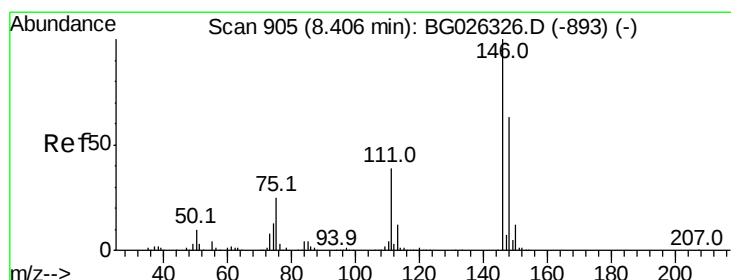
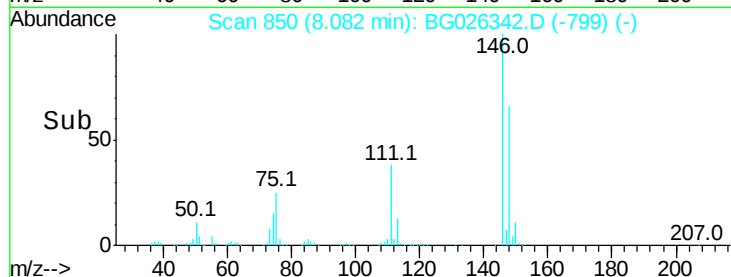
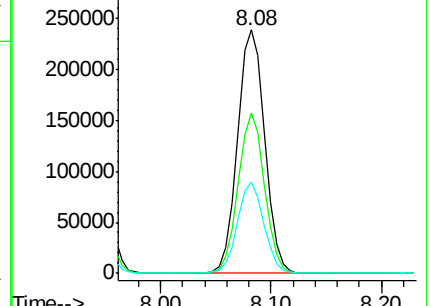
111 37.6 37.0 55.6



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: 45.11 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

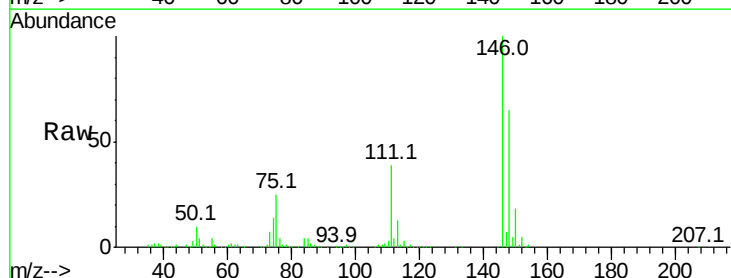
Tgt Ion:146 Resp: 392565

Ion Ratio Lower Upper

146 100

148 65.4 54.6 81.8

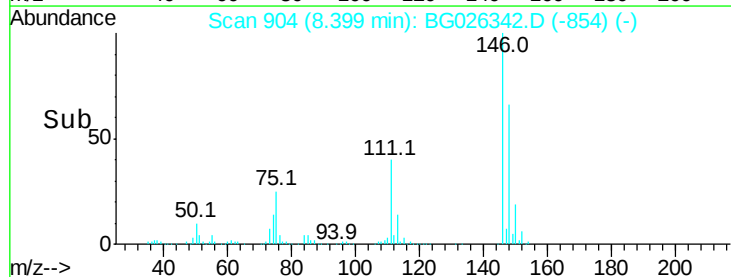
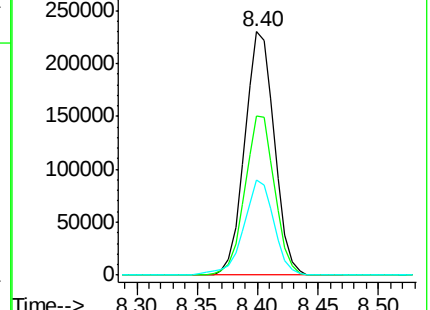
111 39.2 39.7 59.5#

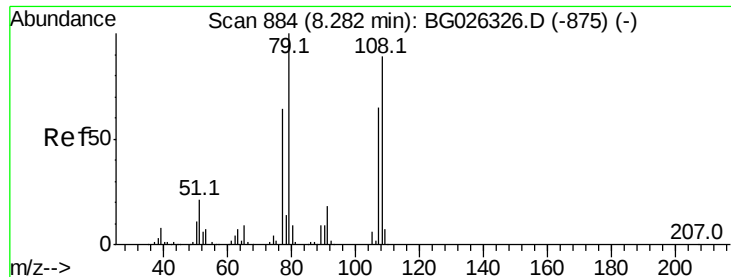


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

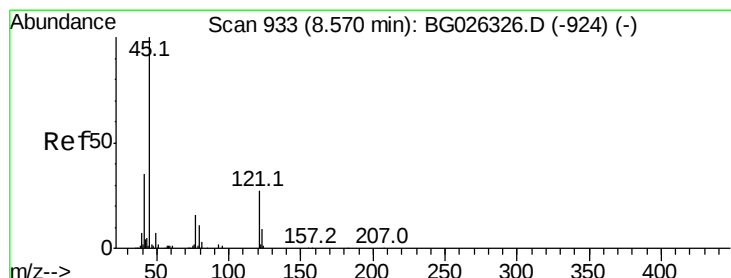
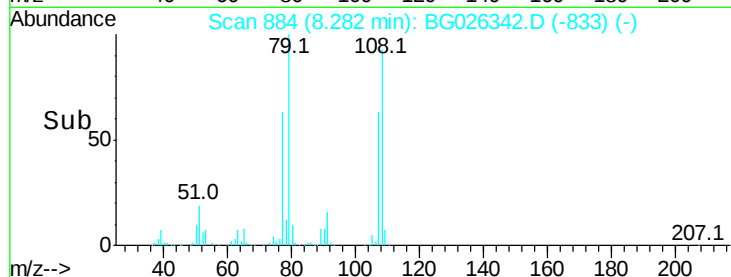
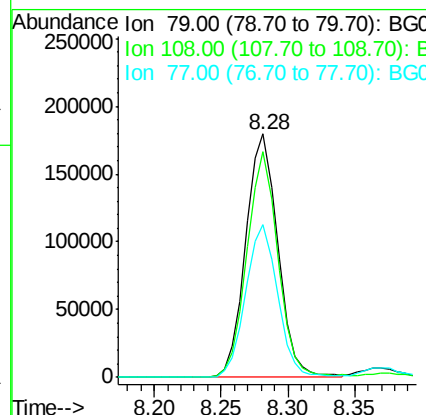
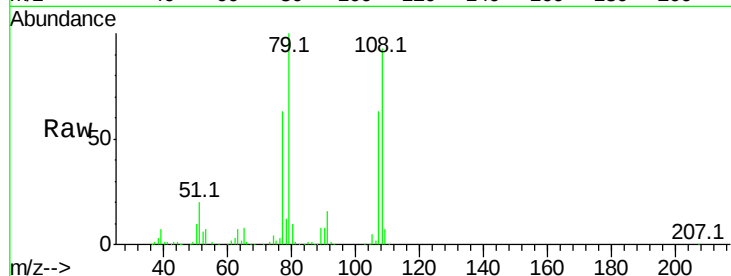




#15
Benzyl Alcohol
Concen: 50.58 ng
RT: 8.28 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

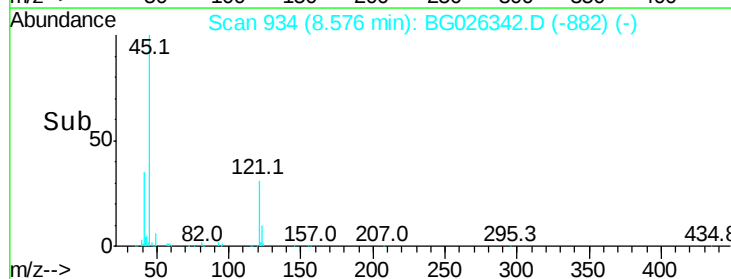
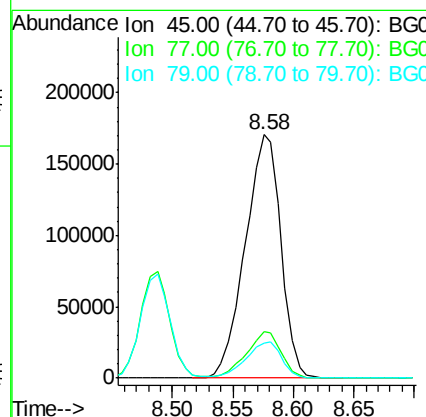
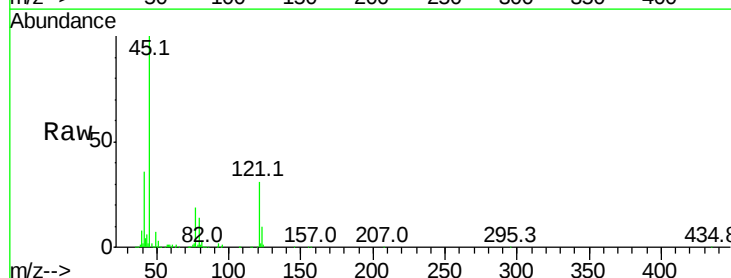
Instrument :
BNA_G
ClientSampleId :
PB97674BS

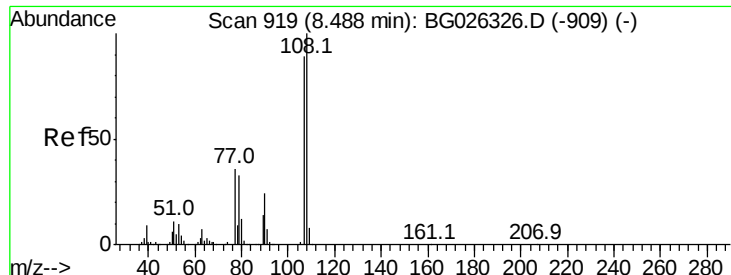
Tot Ion: 79 Resp: 298528
Ion Ratio Lower Upper
79 100
108 92.8 45.5 68.3#
77 62.9 54.3 81.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.97 ng
RT: 8.58 min Scan# 934
Delta R.T. 0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion: 45 Resp: 349667
Ion Ratio Lower Upper
45 100
77 19.2 0.0 30.6
79 14.2 0.0 28.5

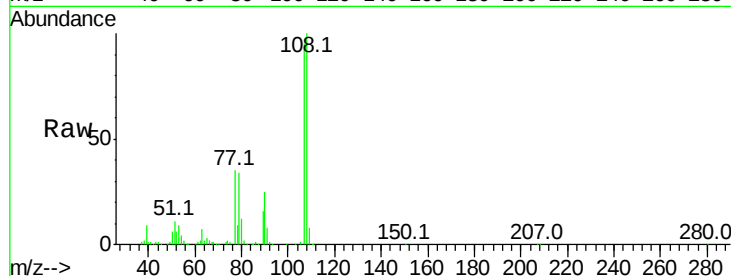




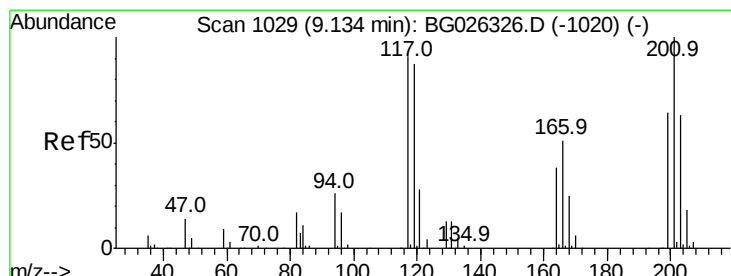
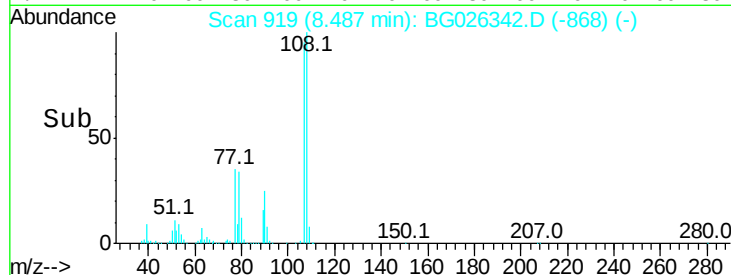
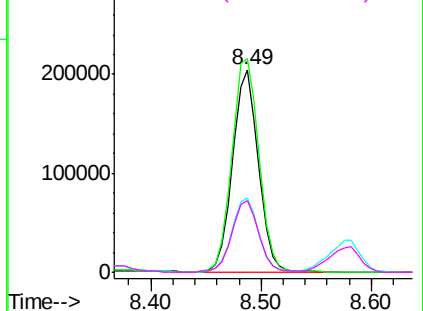
#17
2-Methylphenol
Concen: 49.08 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion:107 Resp: 334861
Ion Ratio Lower Upper
107 100
108 105.5 85.6 128.4
77 36.4 51.4 77.2#
79 35.5 49.2 73.8#

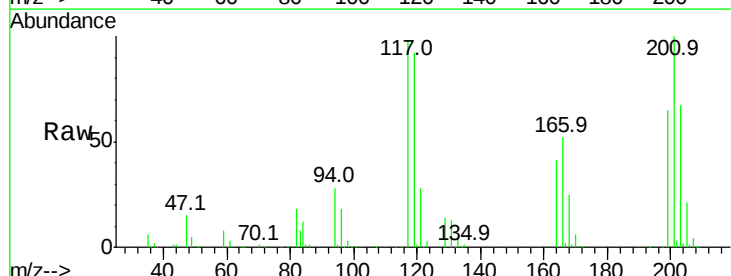


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

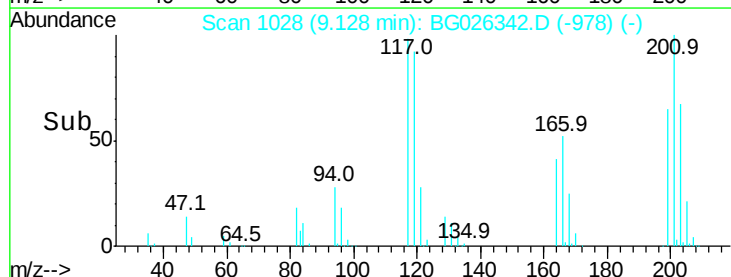
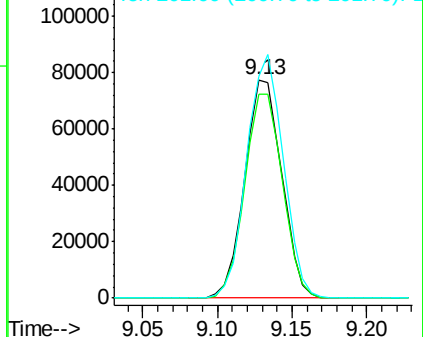


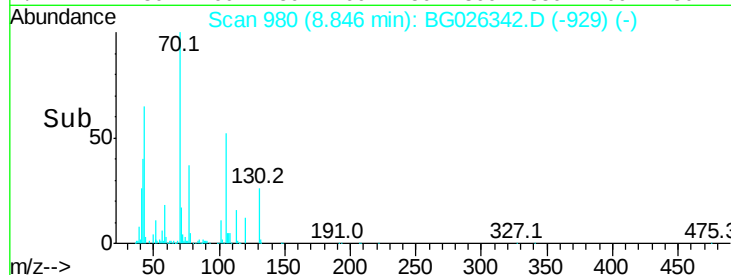
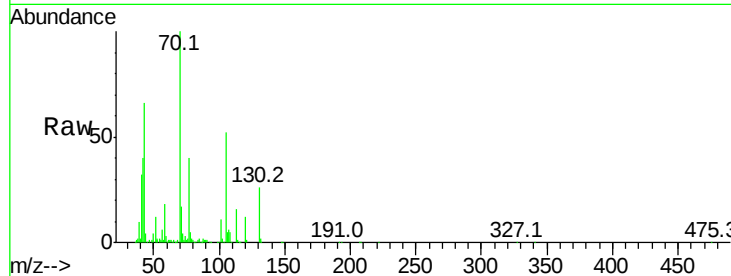
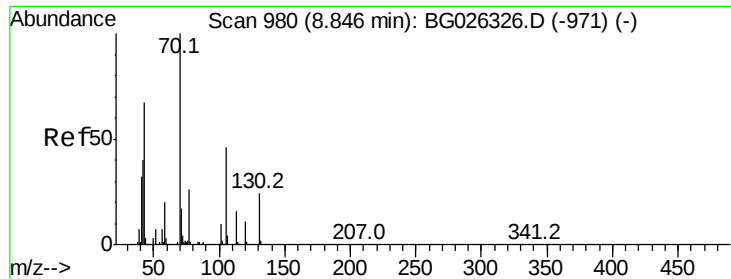
#18
Hexachloroethane
Concen: 44.82 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion:117 Resp: 133258
Ion Ratio Lower Upper
117 100
119 93.2 69.8 104.6
201 101.8 95.4 143.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

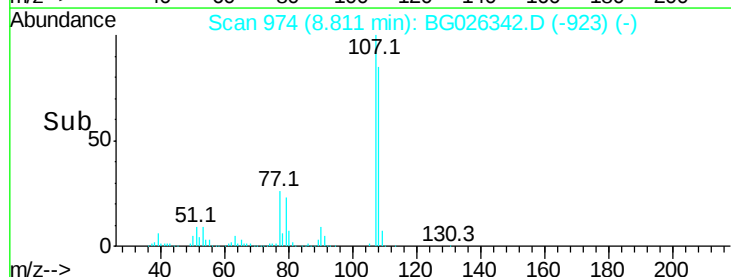
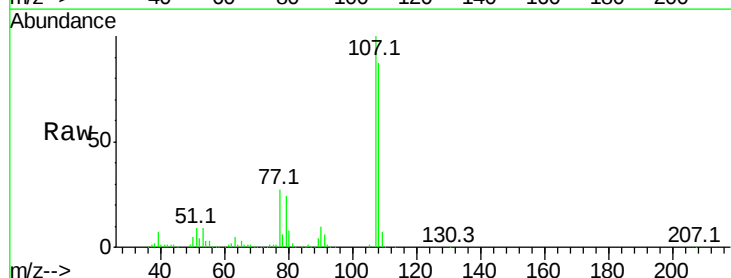
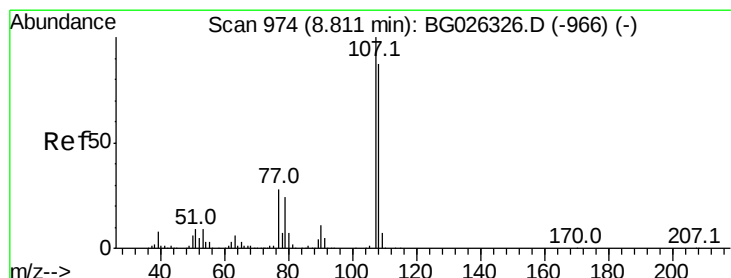
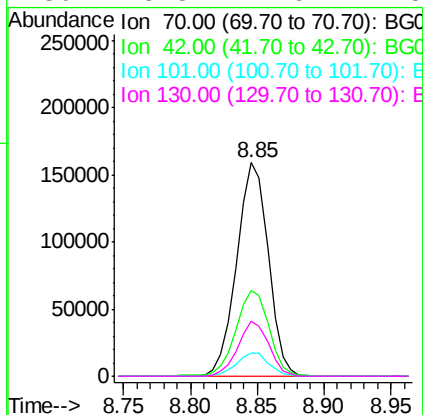




#19
n-Nitroso-di-n-propylamine
Concen: 44.99 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

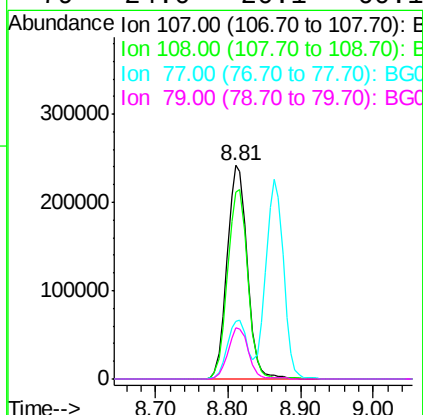
Instrument :
BNA_G
ClientSampleId :
PB97674BS

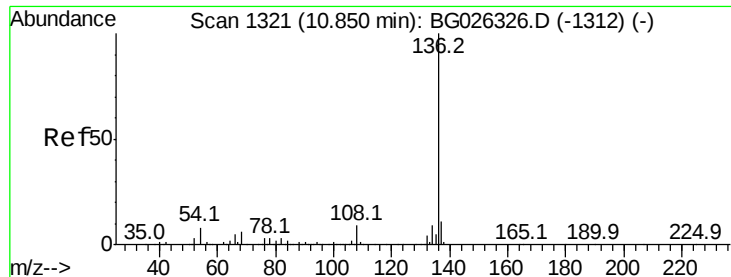
Tot Ion:	70	Resp:	260397
Ion	Ratio	Lower	Upper
70	100		
42	40.3	56.1	84.1#
101	10.6	7.5	11.3
130	25.8	14.6	21.8#



#20
3+4-Methylphenols
Concen: 49.84 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion:	107	Resp:	468136
Ion	Ratio	Lower	Upper
107	100		
108	87.4	70.8	110.8
77	26.7	25.8	65.8
79	24.0	20.1	60.1

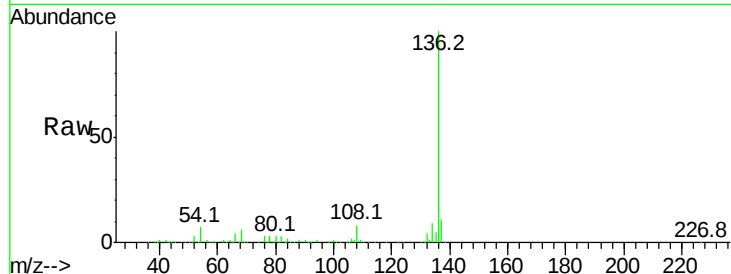




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion:	136	Resp:	511333
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	9.3	13.9#
68	6.3	5.1	7.7



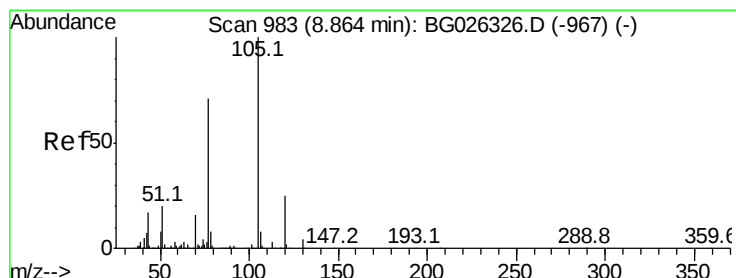
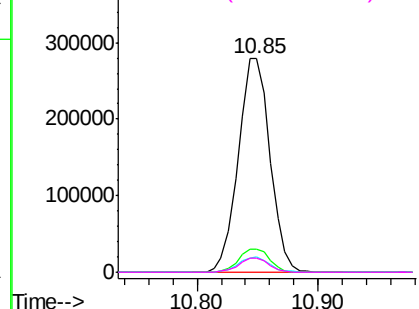
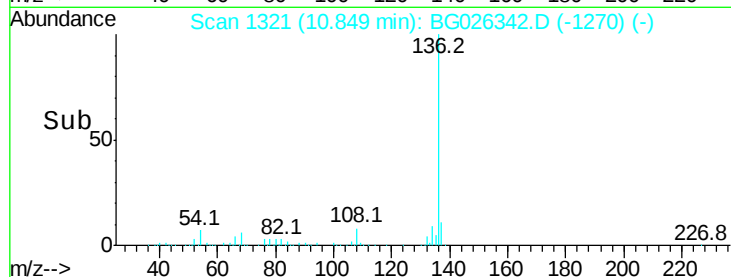
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

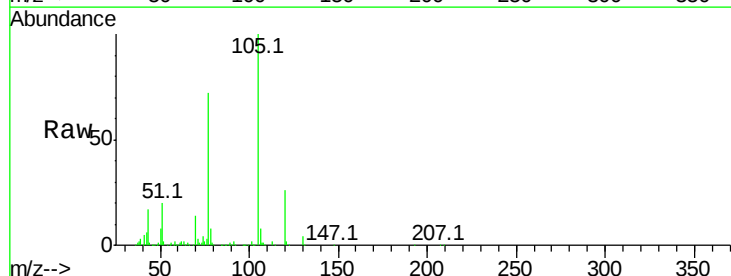
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 46.39 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion:	105	Resp:	545443
Ion	Ratio	Lower	Upper
105	100		
71	2.6	0.9	1.3#
51	20.2	34.0	51.0#
120	25.8	17.3	25.9



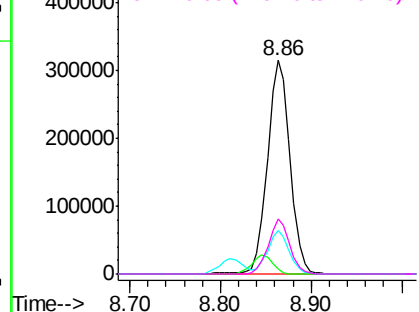
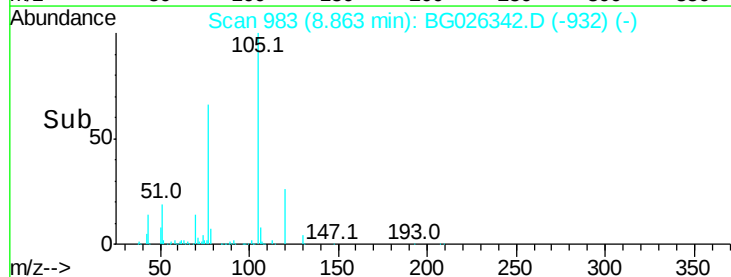
Abundance

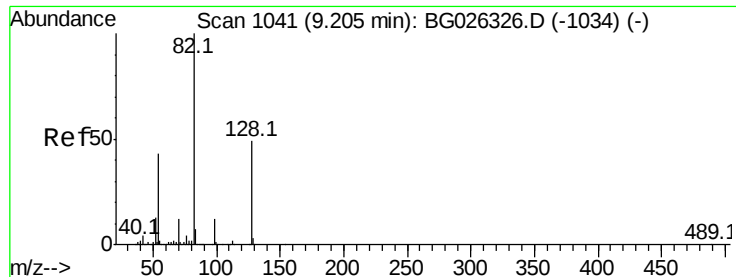
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

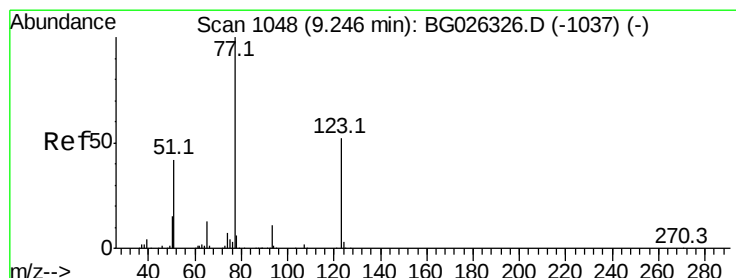
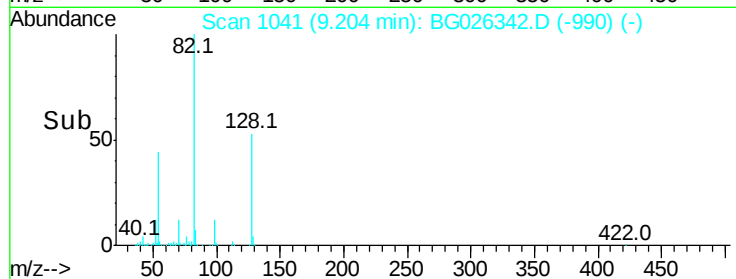
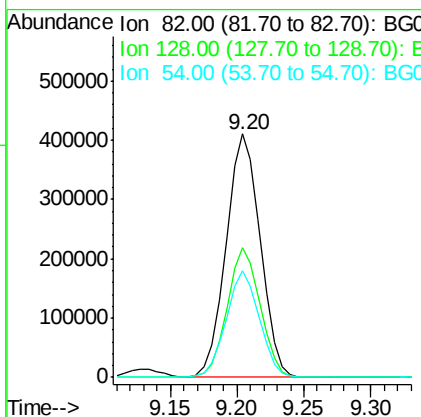
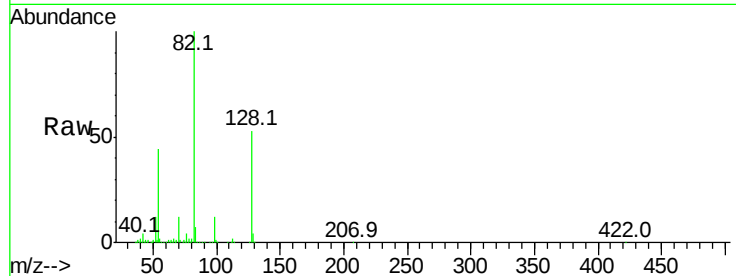




#23
 Nitrobenzene-d5
 Concen: 85.82 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

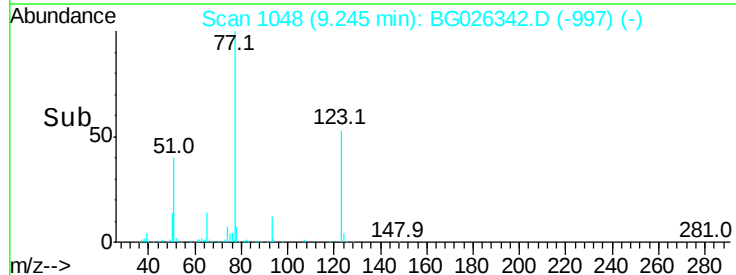
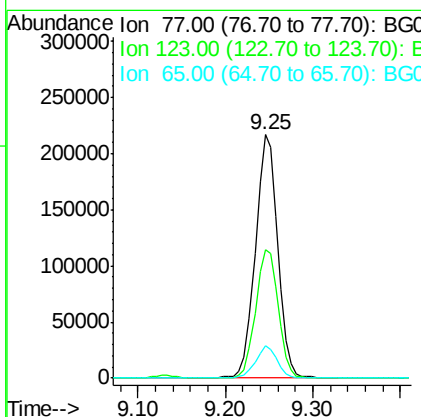
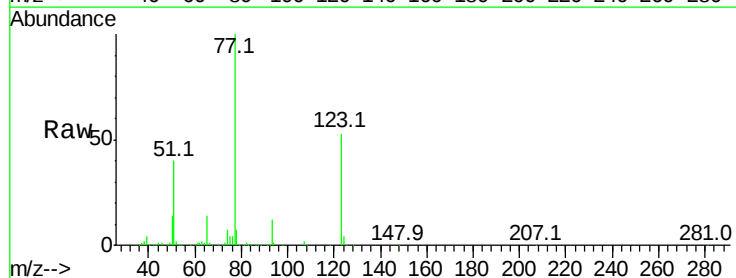
Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

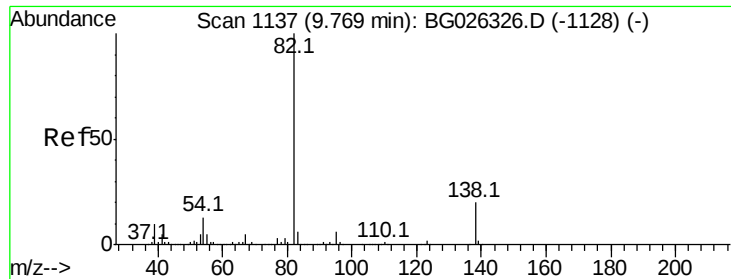
Tot Ion: 82 Resp: 729827
 Ion Ratio Lower Upper
 82 100
 128 53.5 26.4 39.6#
 54 43.9 49.4 74.2#



#24
 Nitrobenzene
 Concen: 45.00 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion: 77 Resp: 377827
 Ion Ratio Lower Upper
 77 100
 123 52.7 26.1 39.1#
 65 13.5 12.4 18.6





#25

Isophorone

Concen: 46.73 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

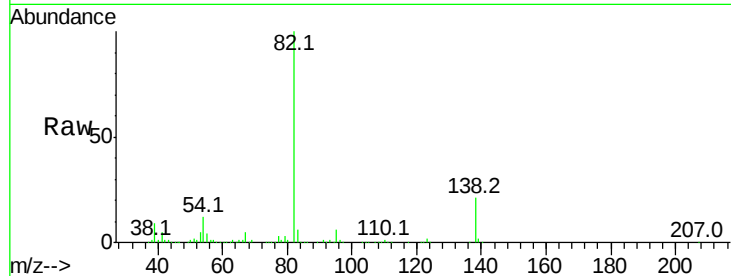
Tot Ion: 82 Resp: 748947

Ion Ratio Lower Upper

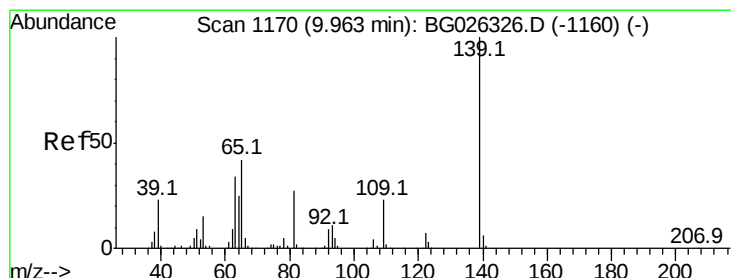
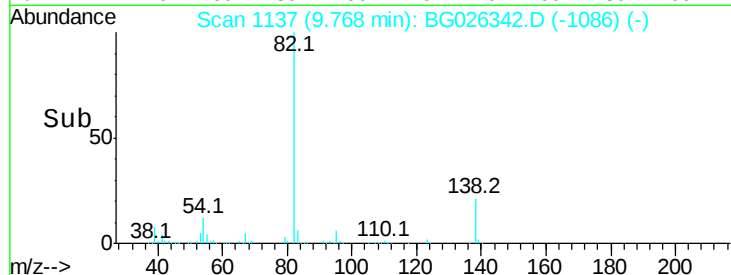
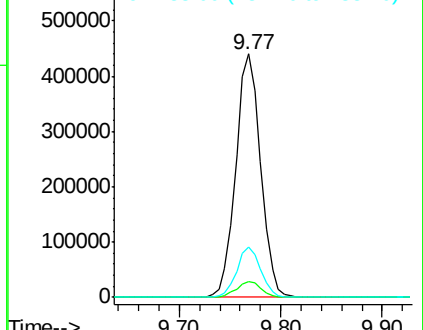
82 100

95 6.2 7.5 11.3#

138 20.5 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: 50.69 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

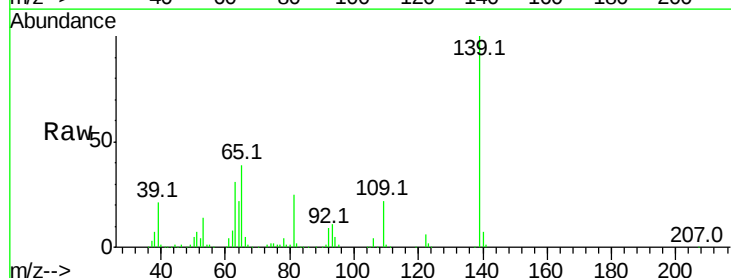
Tgt Ion: 139 Resp: 221474

Ion Ratio Lower Upper

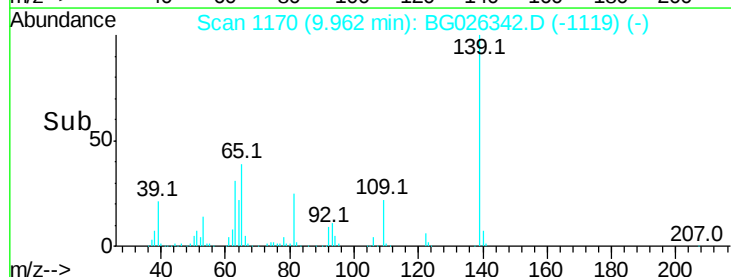
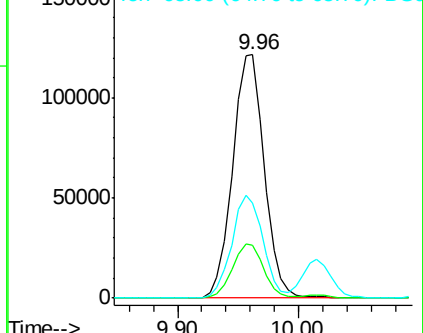
139 100

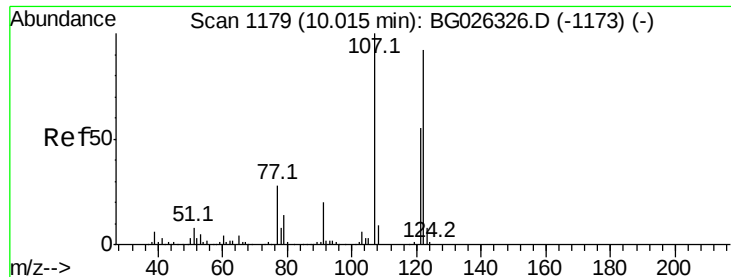
109 21.9 38.6 58.0#

65 39.3 57.1 85.7#



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

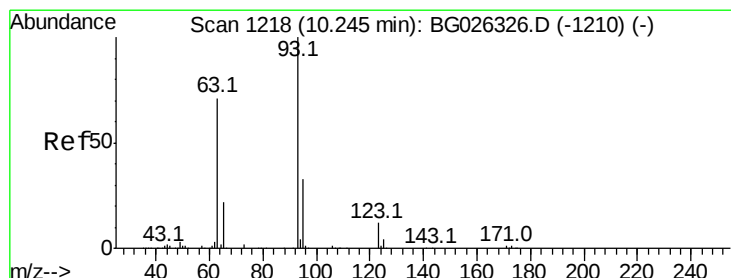
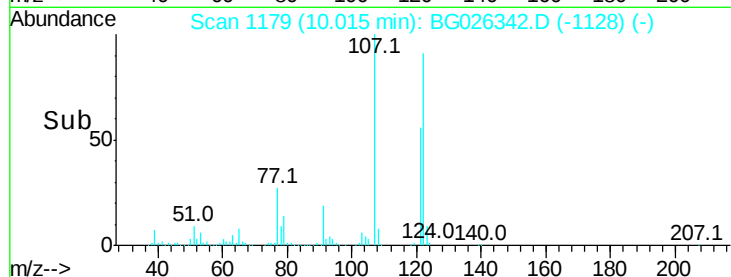
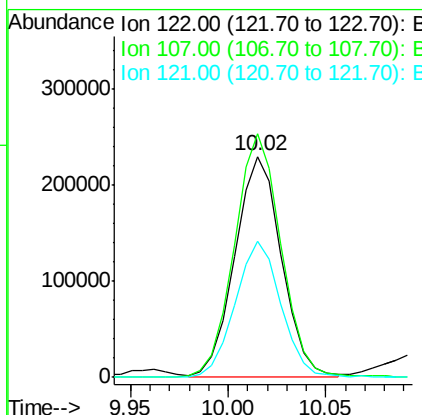
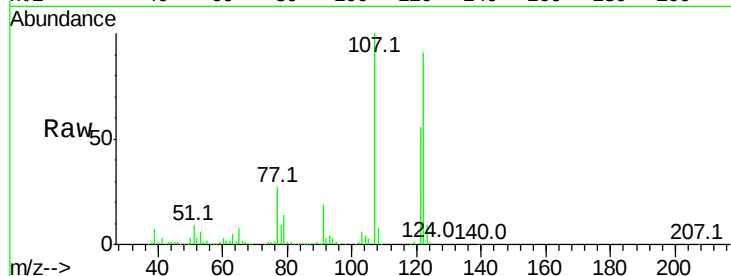




#27
2,4-Dimethylphenol
Concen: 52.72 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

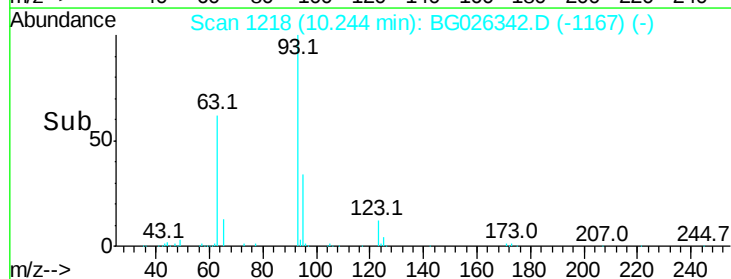
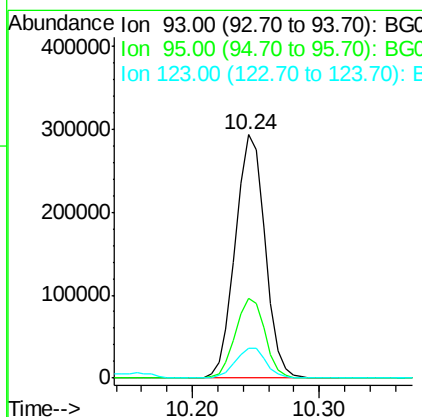
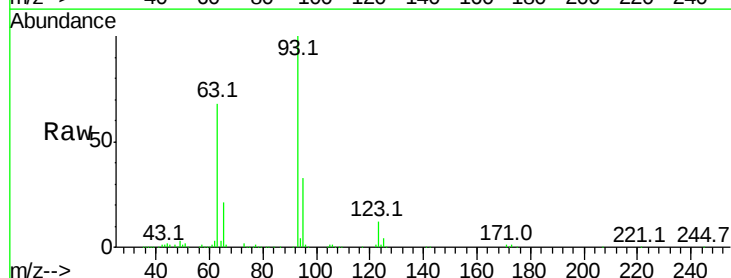
Instrument :
BNA_G
ClientSampleId :
PB97674BS

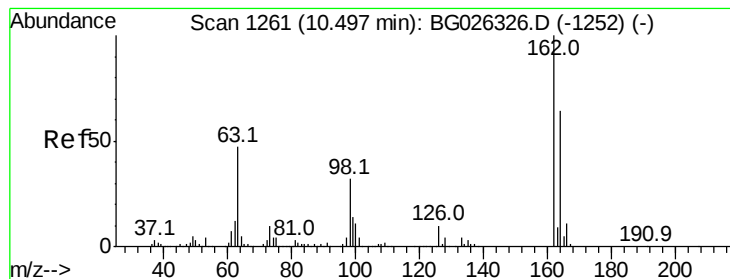
Tot Ion:122 Resp: 378114
Ion Ratio Lower Upper
122 100
107 110.3 104.2 156.4
121 61.6 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.72 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion: 93 Resp: 476007
Ion Ratio Lower Upper
93 100
95 33.0 25.7 38.5
123 12.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 54.22 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

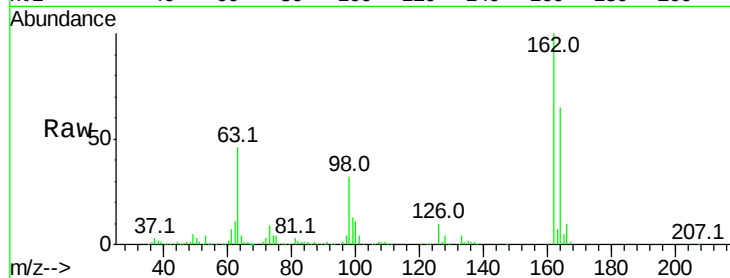
Tot Ion:162 Resp: 393236

Ion Ratio Lower Upper

162 100

164 64.7 42.4 82.4

98 32.2 20.3 60.3

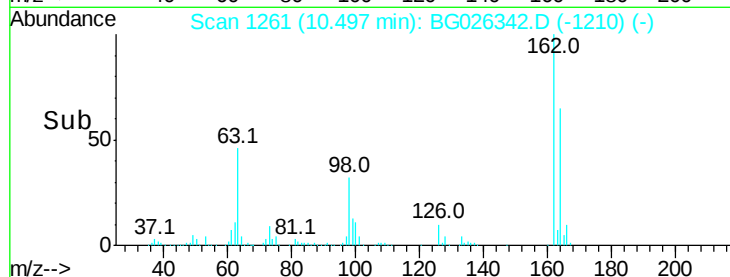


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



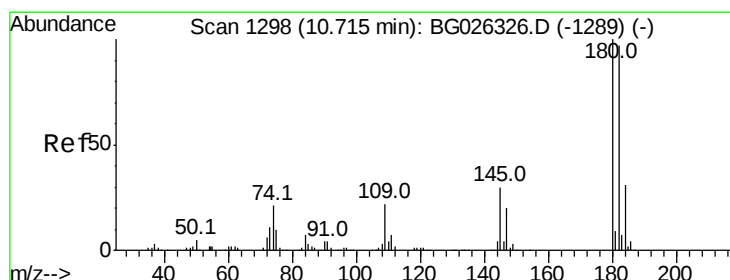
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 47.70 ng

RT: 10.71 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

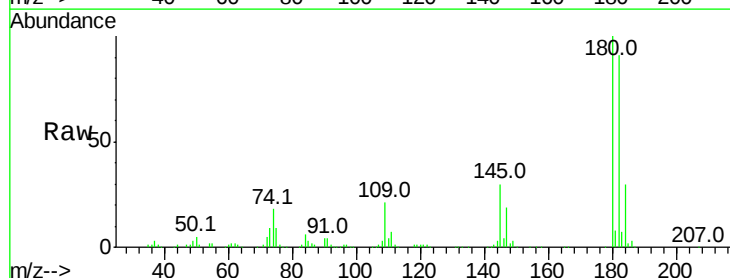
Tgt Ion:180 Resp: 388630

Ion Ratio Lower Upper

180 100

182 91.0 77.0 115.4

145 29.6 23.4 35.0

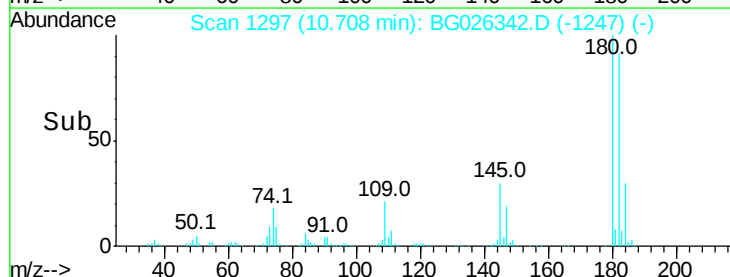


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



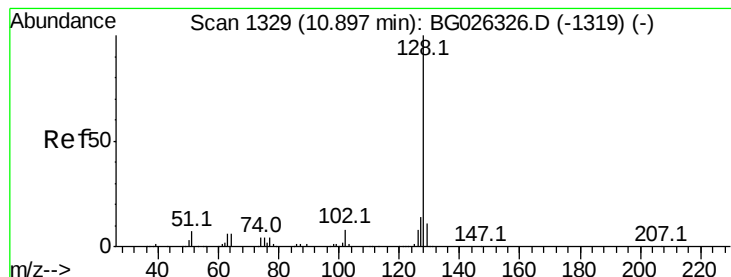
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

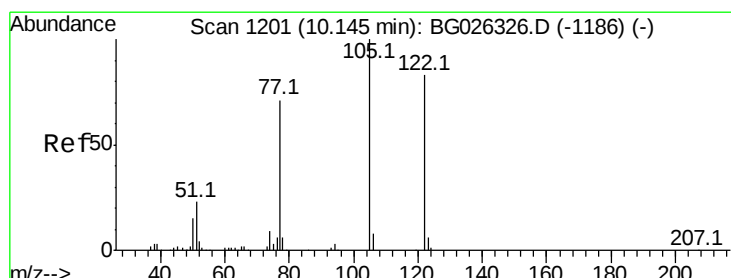
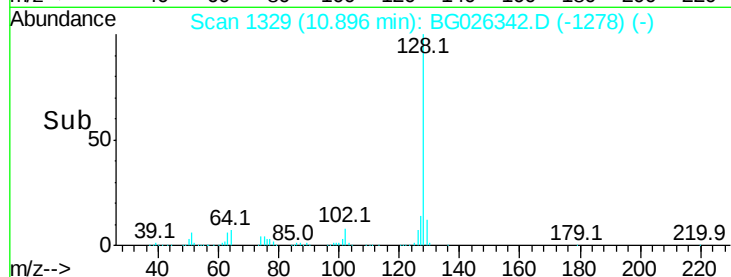
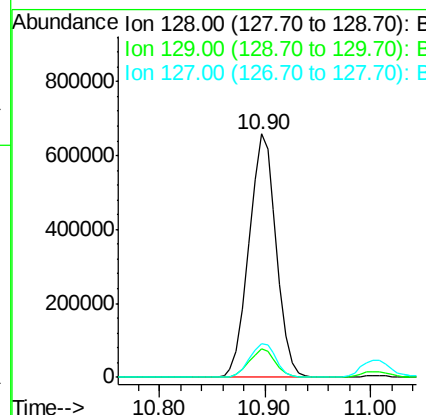
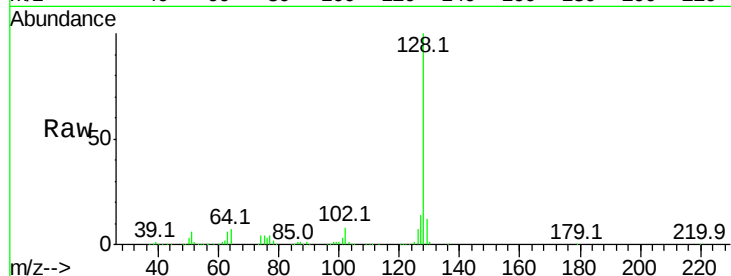
Time-->



#31
Naphthalene
Concen: 45.42 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

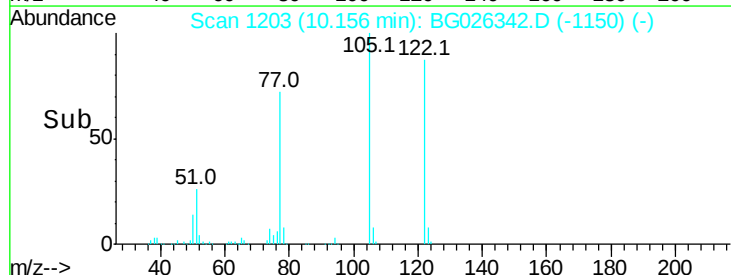
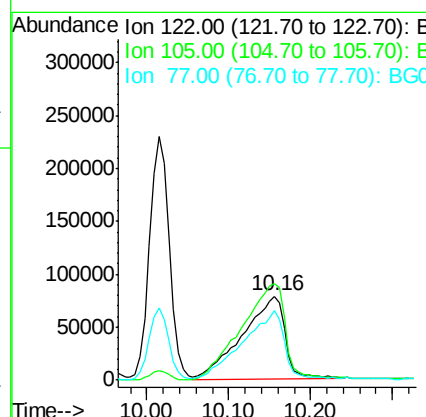
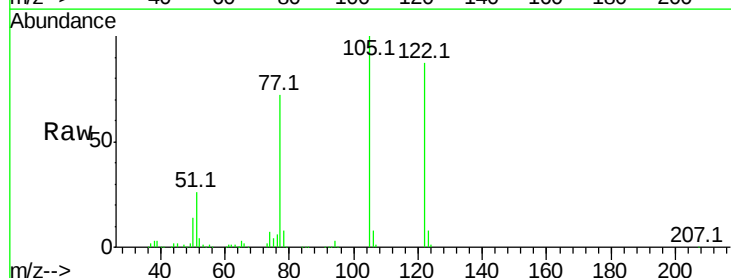
Instrument :
BNA_G
ClientSampled :
PB97674BS

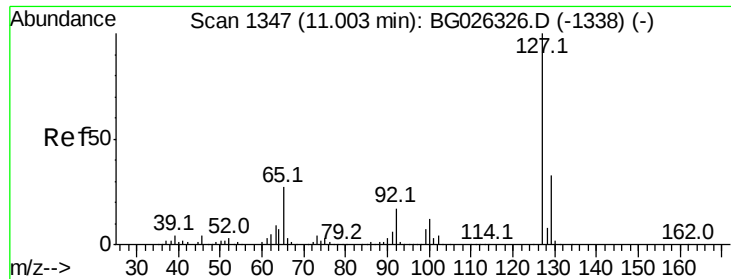
Tot Ion:128 Resp: 1174164
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 50.81 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion:122 Resp: 280404
Ion Ratio Lower Upper
122 100
105 115.2 120.1 160.1#
77 83.5 104.6 144.6#

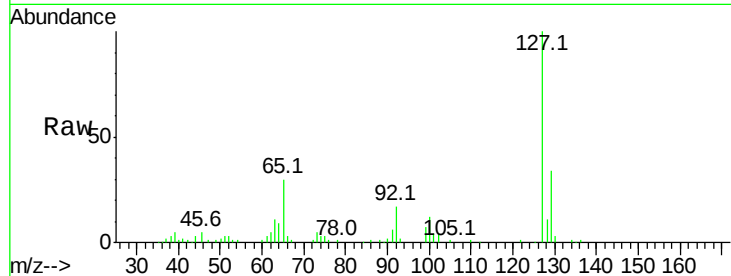




#33
4-Chloroaniline
Concen: 8.97 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.1	23.6	35.4
65	30.1	37.7	56.5#
92	17.5	17.6	26.4#

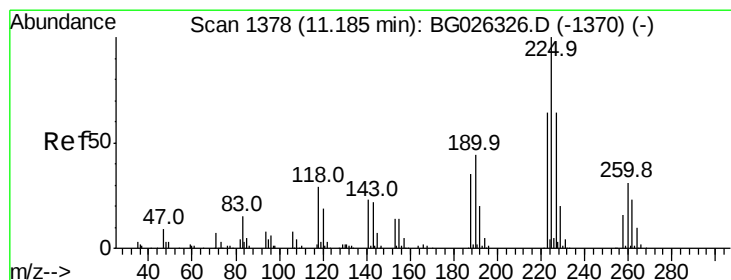
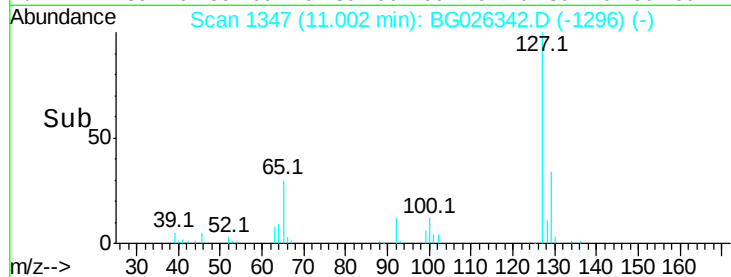
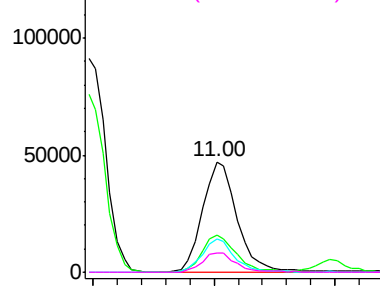


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

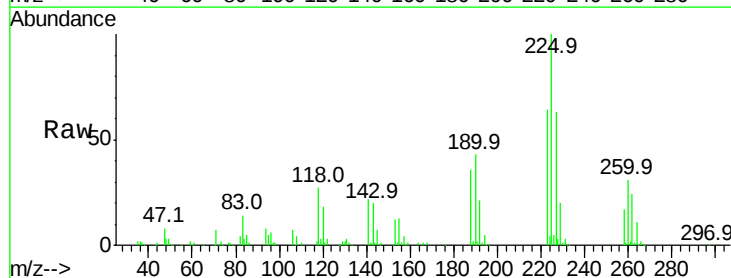
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 45.16 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

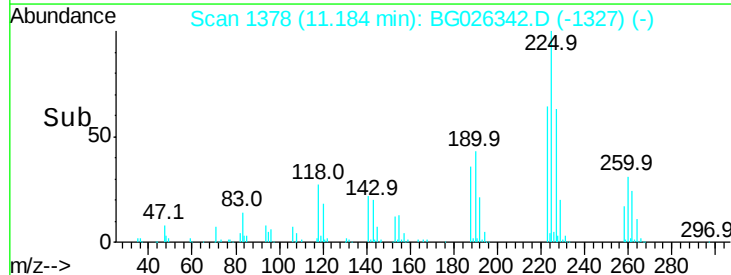
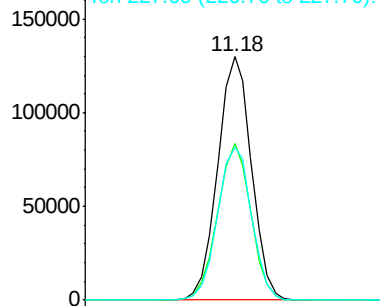
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.7	76.1
227	62.8	49.0	73.6

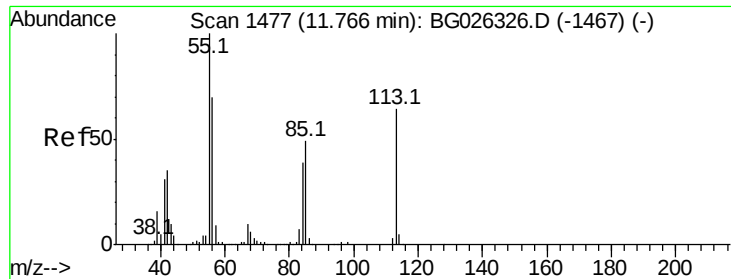


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.54 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

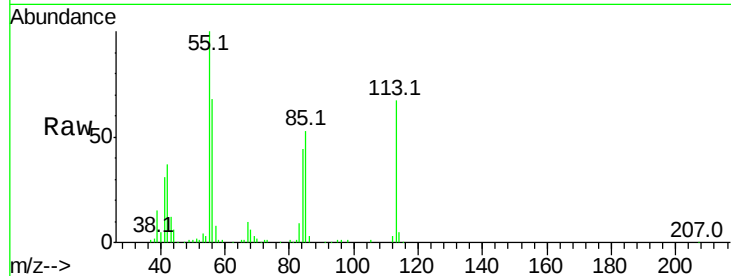
Tot Ion:113 Resp: 70138

Ion Ratio Lower Upper

113 100

55 150.1 198.6 238.6#

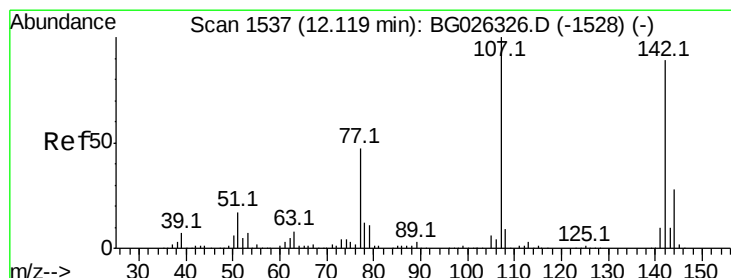
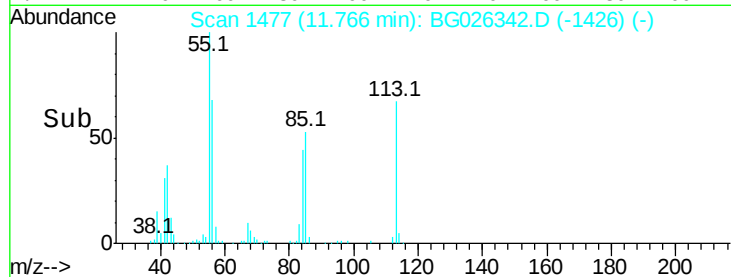
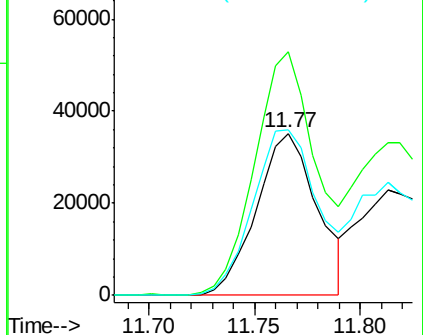
56 101.7 140.4 180.4#



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: 53.65 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

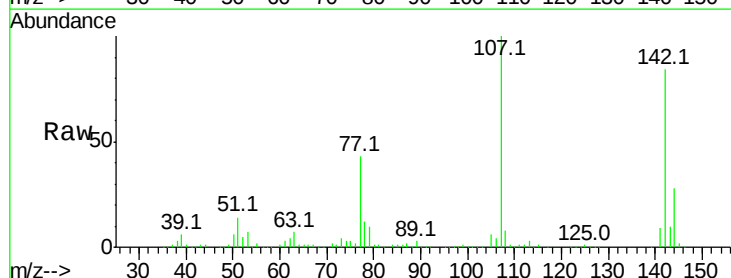
Tgt Ion:107 Resp: 416220

Ion Ratio Lower Upper

107 100

144 28.2 17.4 26.0#

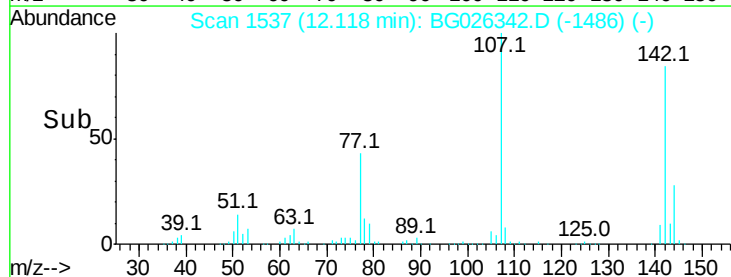
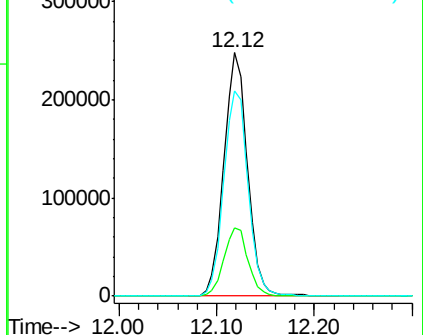
142 84.2 54.1 81.1#

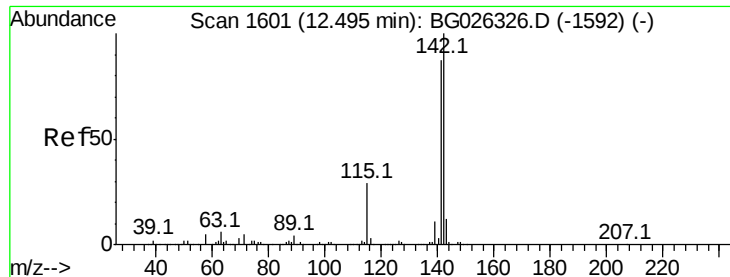


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.10 ng

RT: 12.49 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

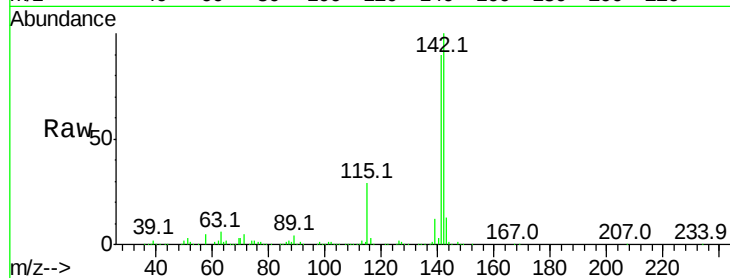
Tot Ion:142 Resp: 910909

Ion Ratio Lower Upper

142 100

141 90.1 70.4 105.6

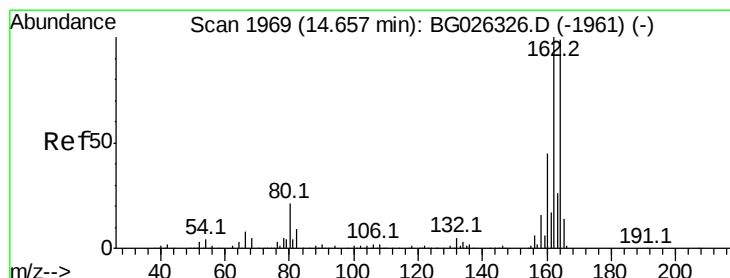
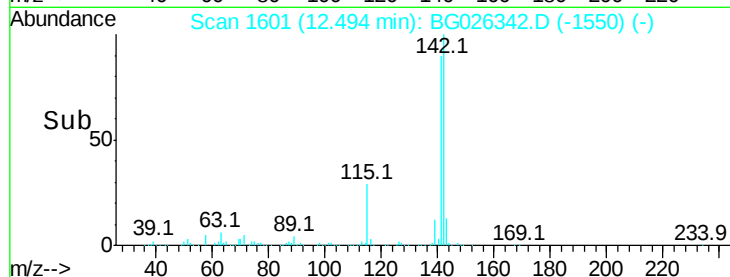
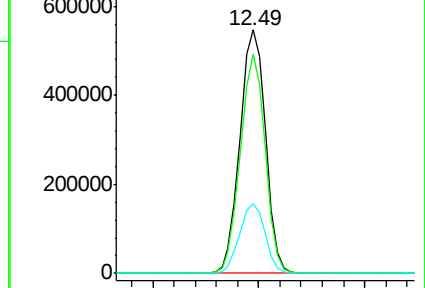
115 28.8 35.5 53.3#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

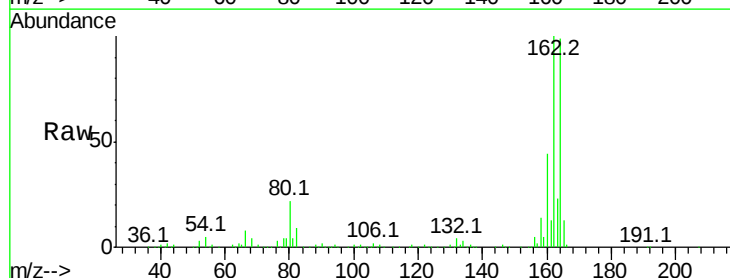
Tgt Ion:164 Resp: 311684

Ion Ratio Lower Upper

164 100

162 100.6 85.1 127.7

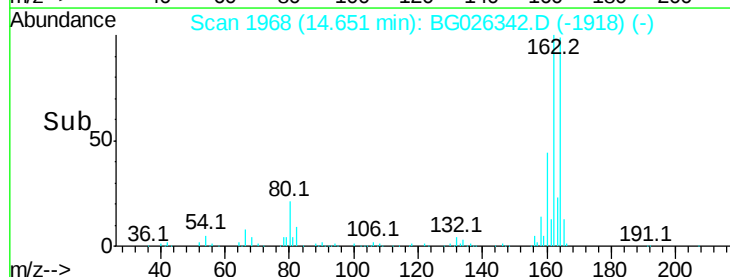
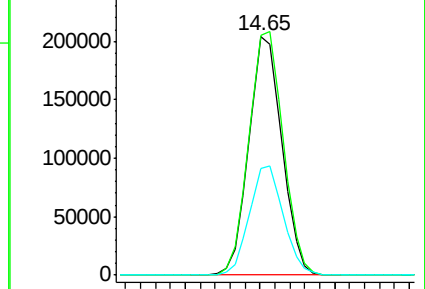
160 44.6 34.7 52.1

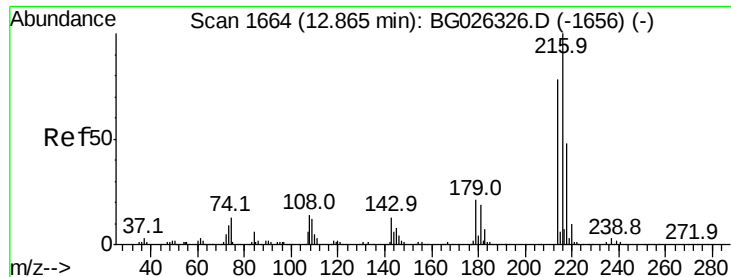


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.73 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

Tot Ion:216 Resp: 419490

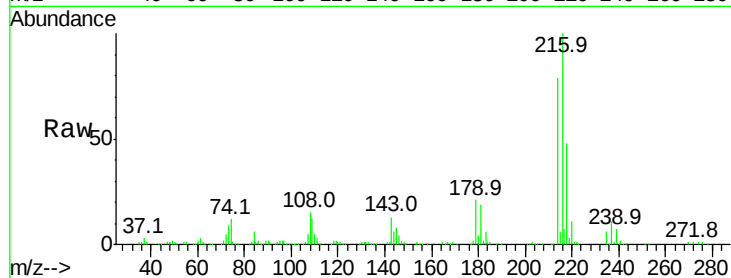
Ion Ratio Lower Upper

216 100

214 79.7 64.4 96.6

179 21.0 17.4 26.0

108 18.2 15.6 23.4

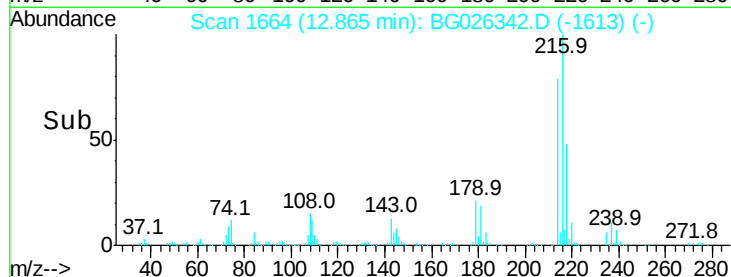


Abundance Ion 216.00 (215.70 to 216.70): E

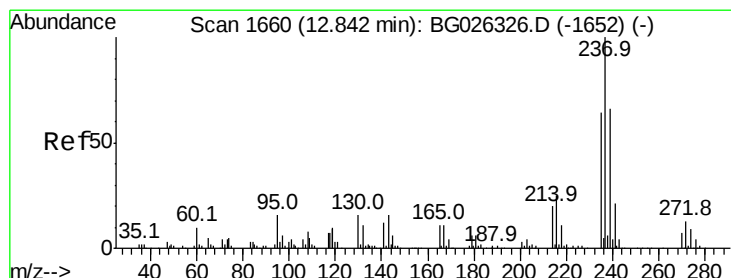
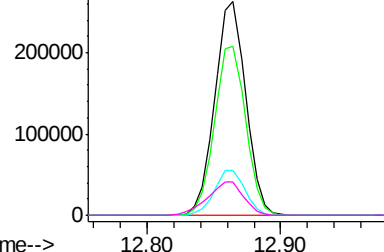
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 99.14 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

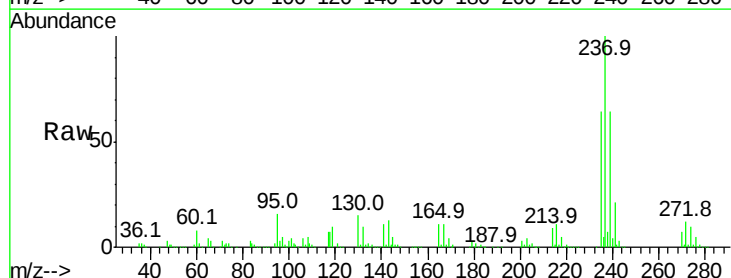
Tgt Ion:237 Resp: 489359

Ion Ratio Lower Upper

237 100

235 63.7 39.4 79.4

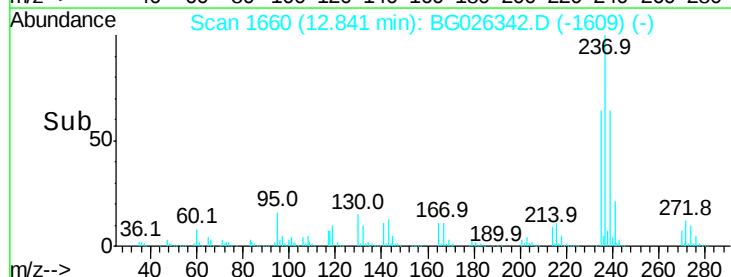
272 12.4 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

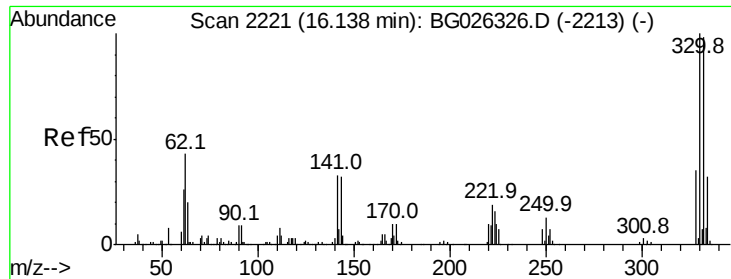
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

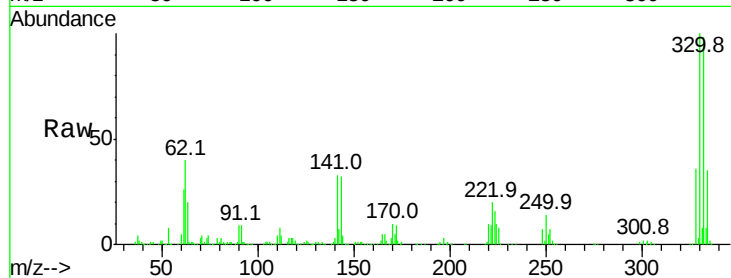




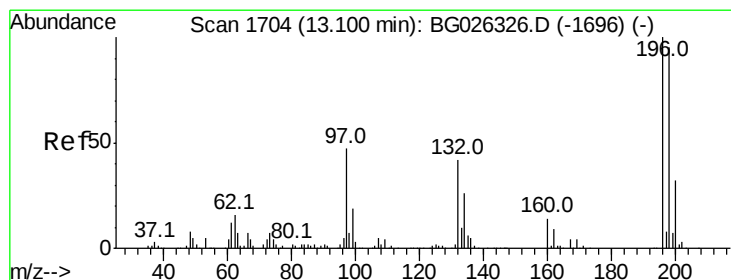
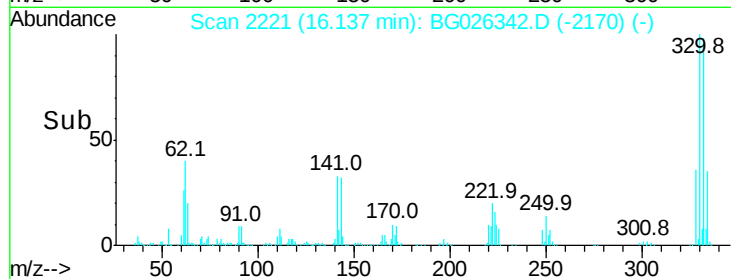
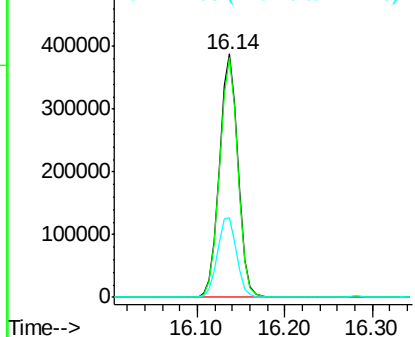
#41
 2,4,6-Tribromophenol
 Concen: 160.40 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion:330 Resp: 572511
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 34.0 32.1 48.1

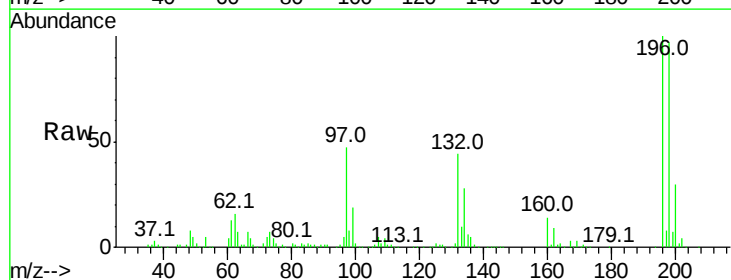


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

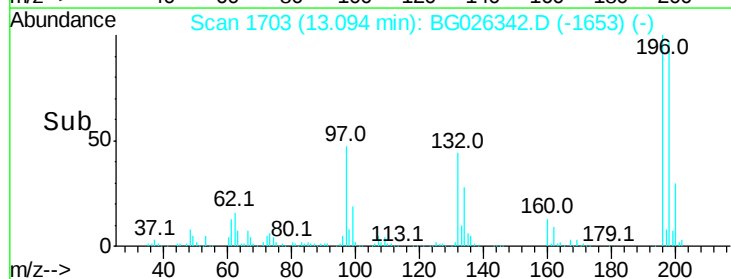
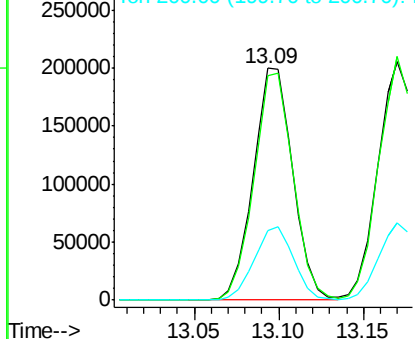


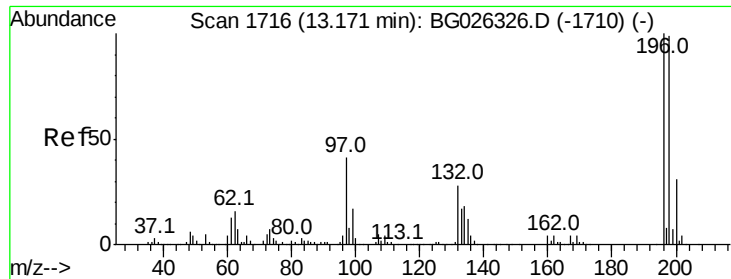
#42
 2,4,6-Trichlorophenol
 Concen: 52.89 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion:196 Resp: 324757
 Ion Ratio Lower Upper
 196 100
 198 96.8 81.4 122.2
 200 30.2 27.0 40.6



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

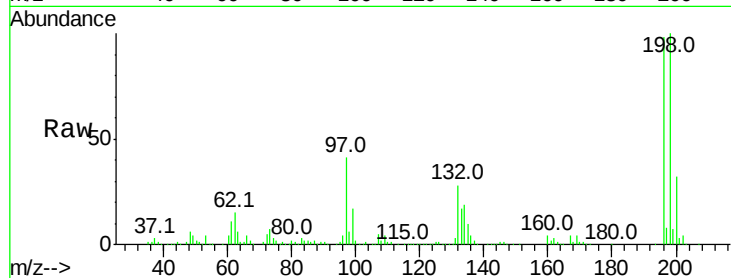




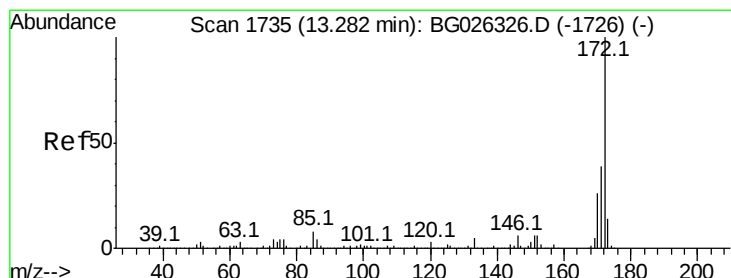
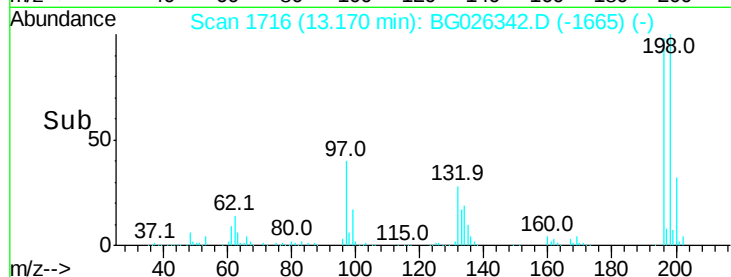
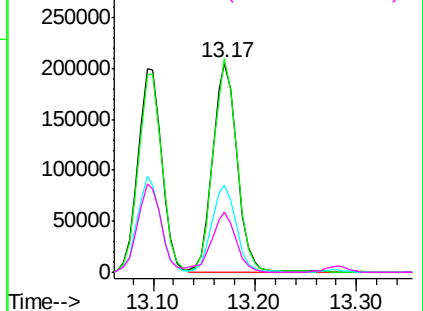
#43
 2,4,5-Trichlorophenol
 Concen: 50.18 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion:196 Resp: 340603
 Ion Ratio Lower Upper
 196 100
 198 102.3 79.9 119.9
 97 41.7 45.4 68.0#
 132 28.8 20.7 31.1

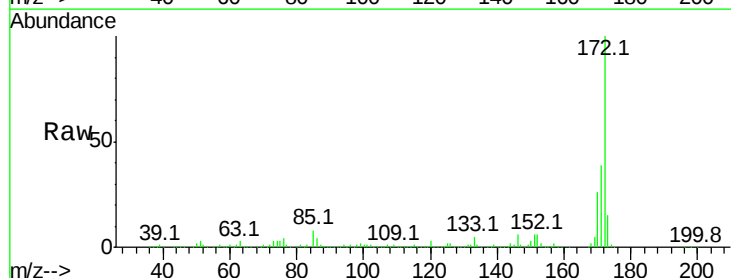


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

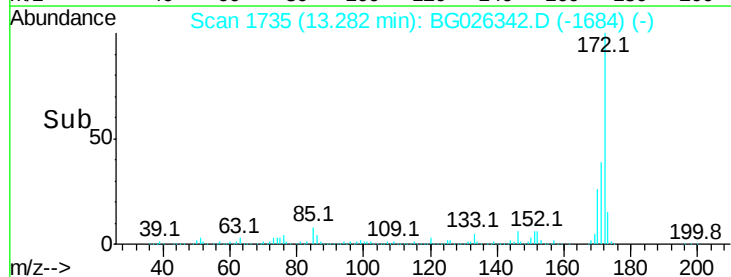
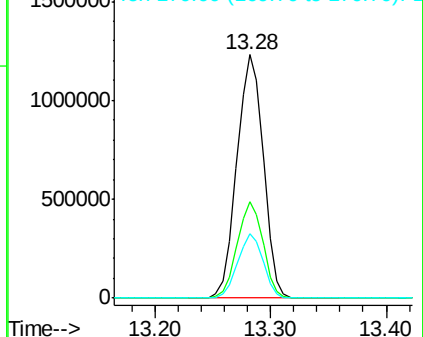


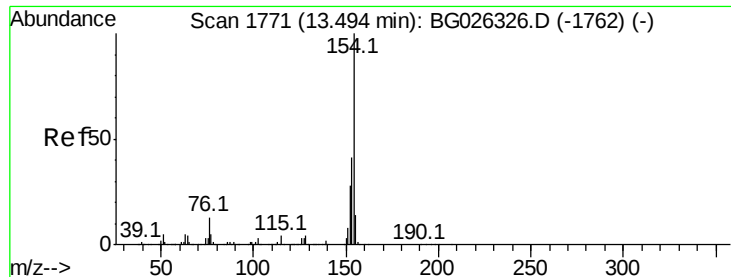
#44
 2-Fluorobiphenyl
 Concen: 87.65 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion:172 Resp: 1948127
 Ion Ratio Lower Upper
 172 100
 171 39.5 32.2 48.2
 170 26.3 21.8 32.6



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





#45

1,1'-Biphenyl

Concen: 45.67 ng

RT: 13.49 min Scan# 1771

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

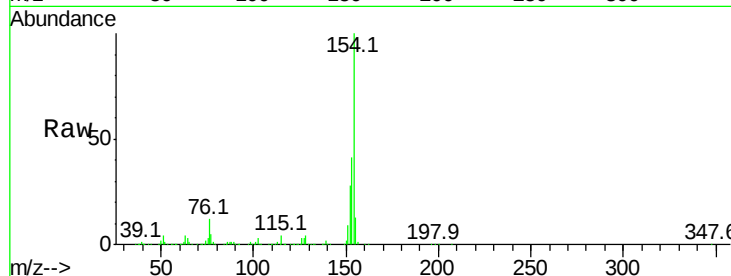
BNA_G

ClientSampleId :

PB97674BS

Tot Ion:154 Resp: 1178931

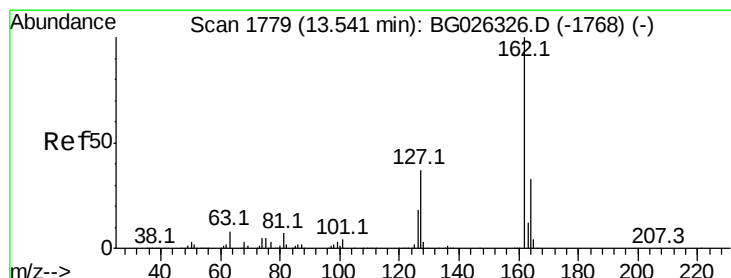
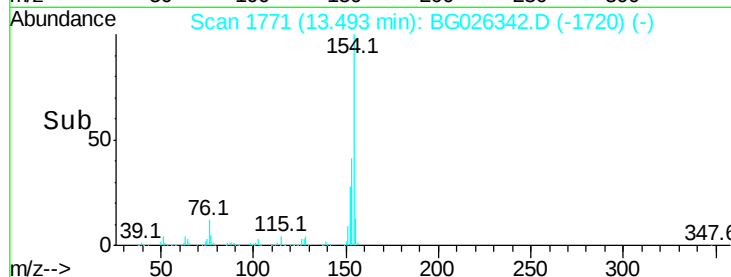
Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.0	63.0
76	12.4	0.0	33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 46.77 ng

RT: 13.53 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

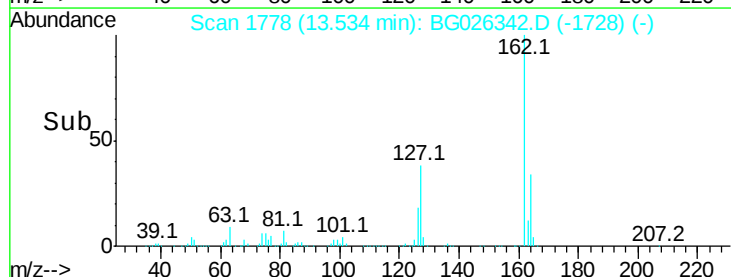
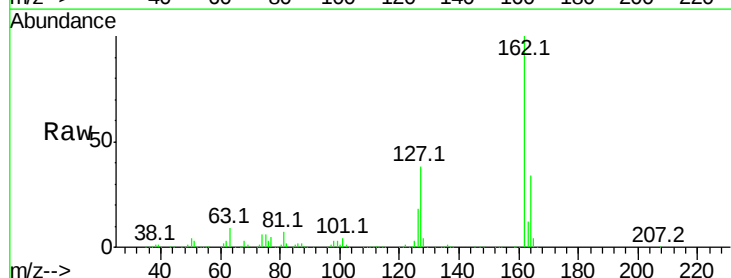
Tgt Ion:162 Resp: 881727

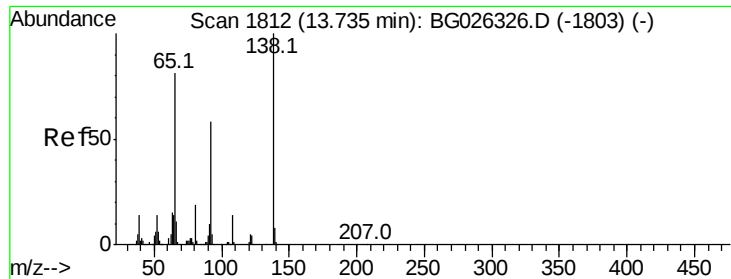
Ion	Ratio	Lower	Upper
162	100		
127	38.0	32.2	48.4
164	33.7	27.3	40.9

Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

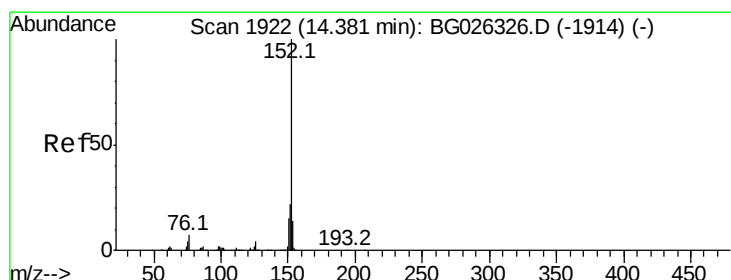
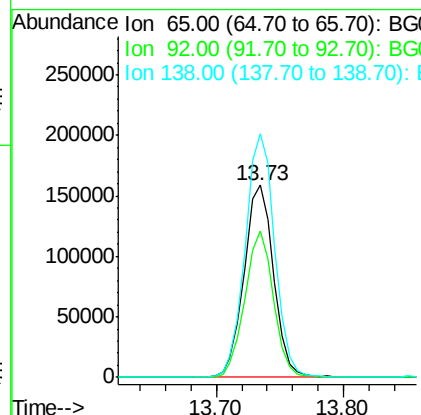
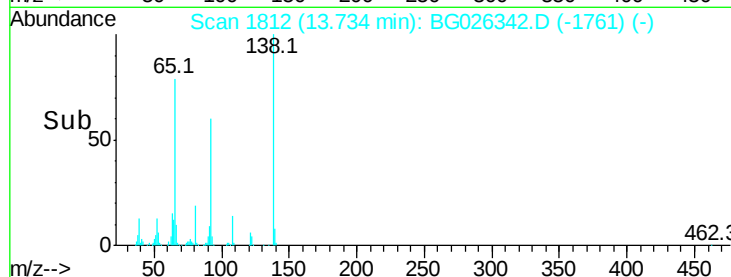
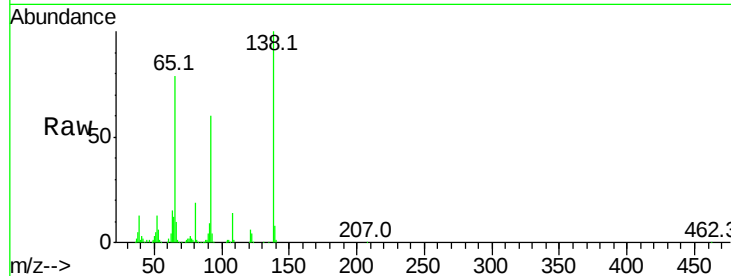




#47
2-Nitroaniline
Concen: 47.88 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

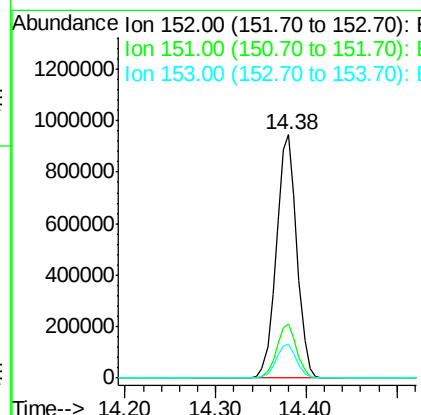
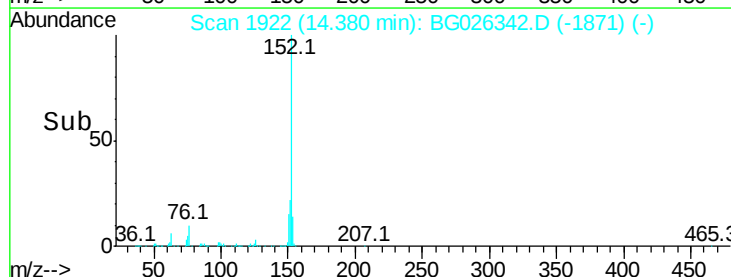
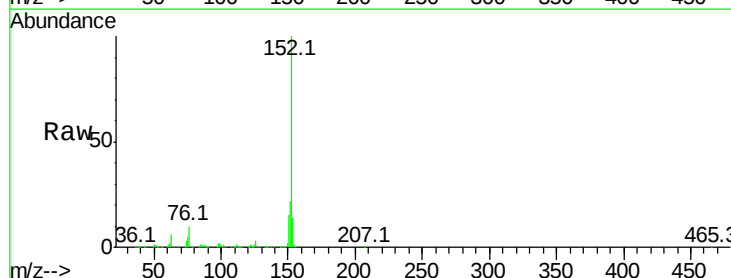
Instrument :
BNA_G
ClientSampleId :
PB97674BS

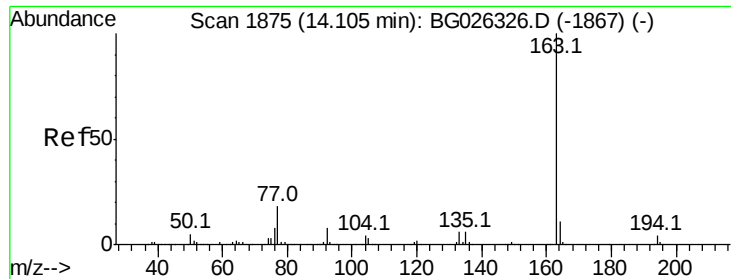
Tot Ion: 65 Resp: 256694
Ion Ratio Lower Upper
65 100
92 76.0 49.0 73.4#
138 126.8 58.6 87.8#



#48
Acenaphthylene
Concen: 45.47 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion: 152 Resp: 1494433
Ion Ratio Lower Upper
152 100
151 22.2 18.2 27.2
153 14.0 11.3 16.9





#49

Dimethylphthalate

Concen: 50.15 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

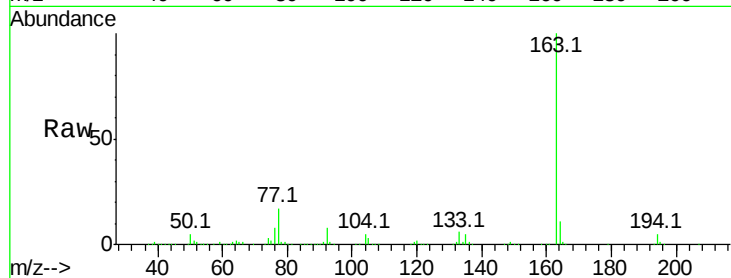
Tot Ion:163 Resp: 1179689

Ion Ratio Lower Upper

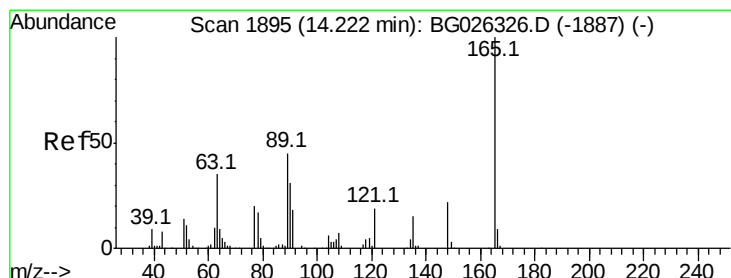
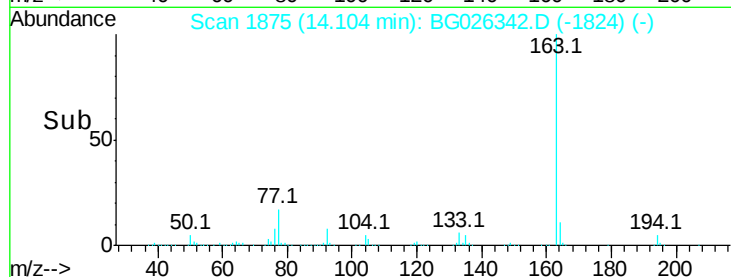
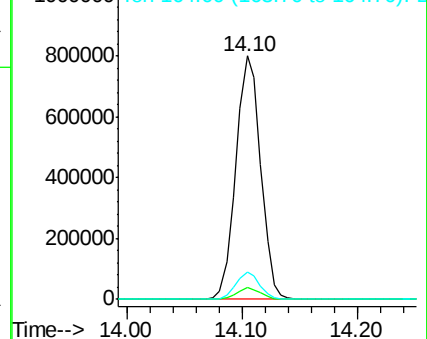
163 100

194 4.7 3.8 5.6

164 11.1 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.90 ng

RT: 14.23 min Scan# 1896

Delta R.T. 0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

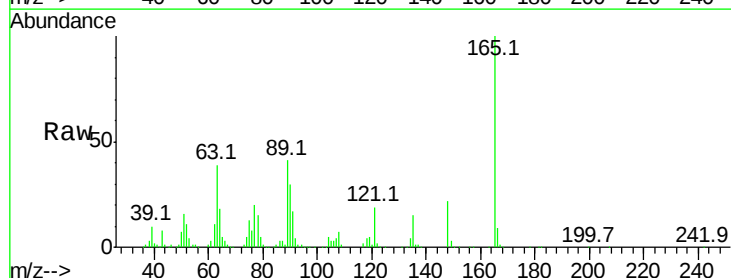
Tgt Ion:165 Resp: 279469

Ion Ratio Lower Upper

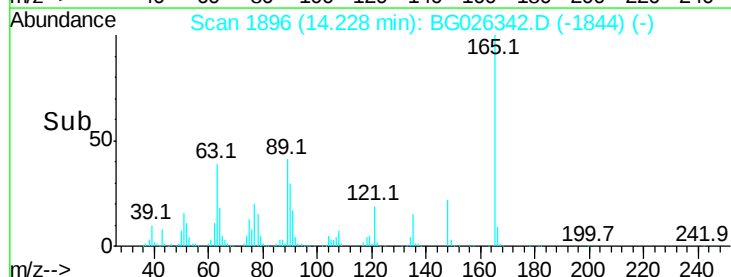
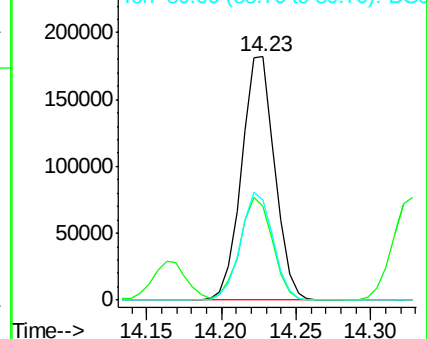
165 100

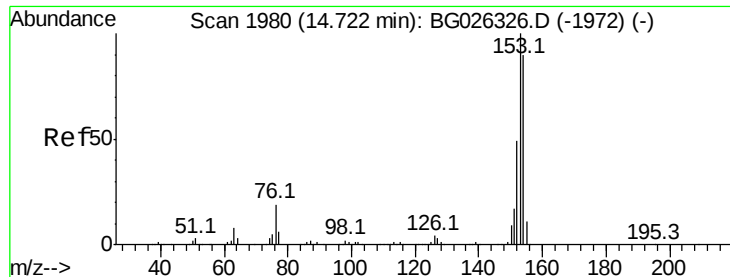
63 38.7 63.9 95.9#

89 41.2 58.6 88.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 46.46 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

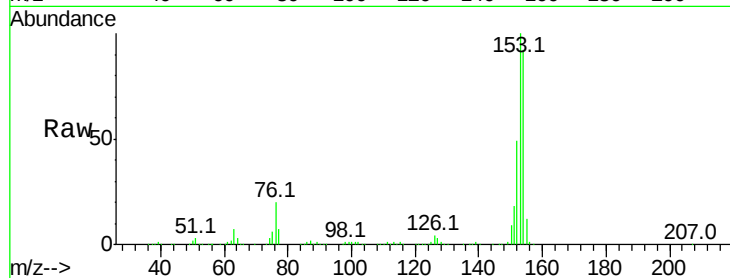
Tot Ion:154 Resp: 940197

Ion Ratio Lower Upper

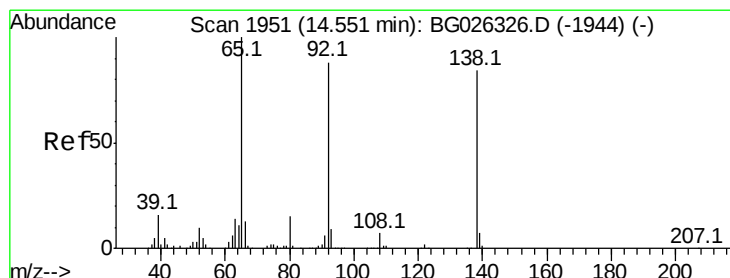
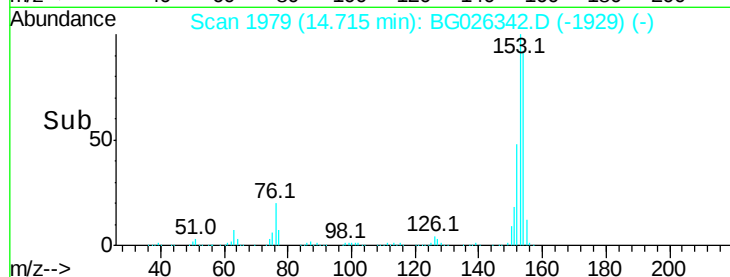
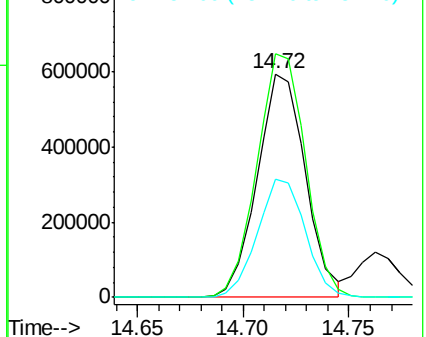
154 100

153 109.1 87.8 131.6

152 52.9 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: 18.27 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

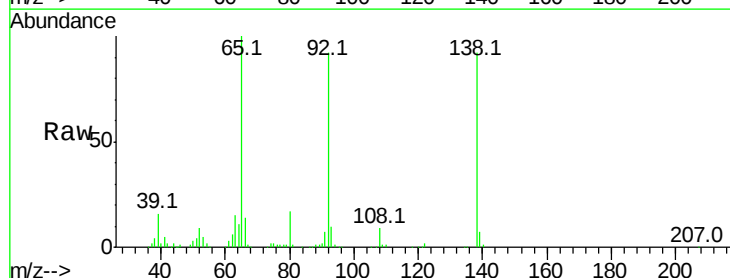
Tgt Ion:138 Resp: 110443

Ion Ratio Lower Upper

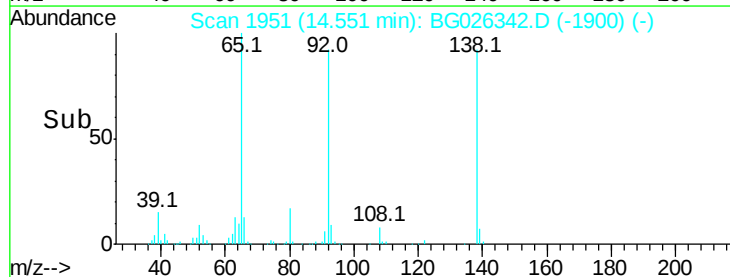
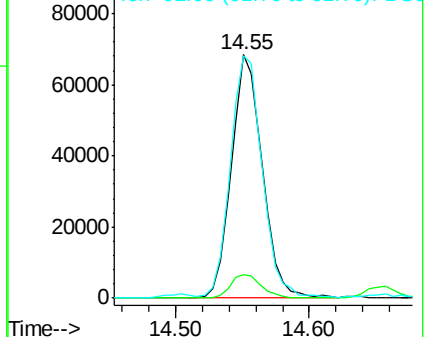
138 100

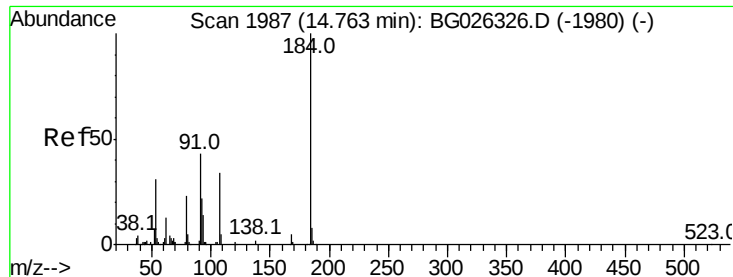
108 9.5 10.9 16.3#

92 99.6 115.3 172.9#



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: 110.74 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

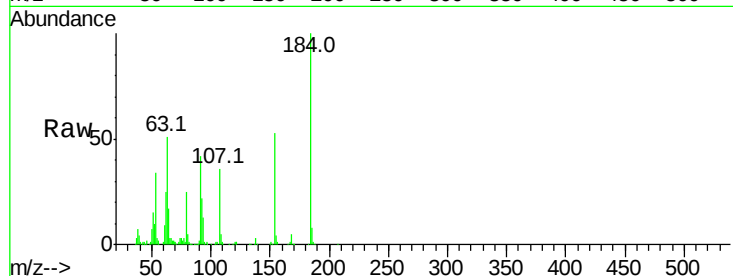
Tot Ion:184 Resp: 352730

Ion Ratio Lower Upper

184 100

63 50.5 52.7 79.1#

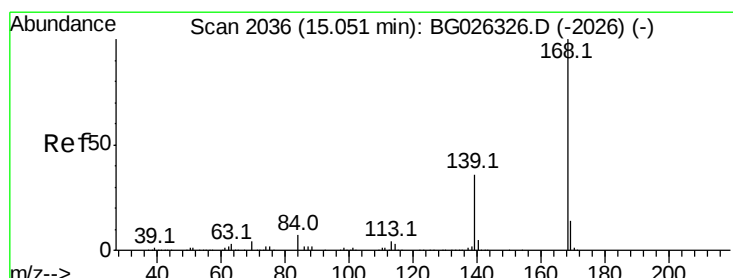
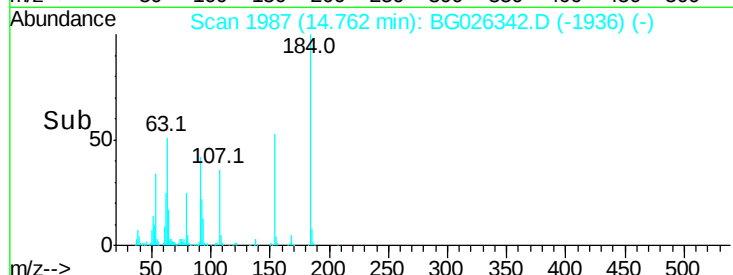
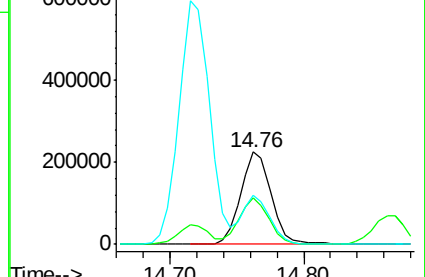
154 52.9 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 50.93 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

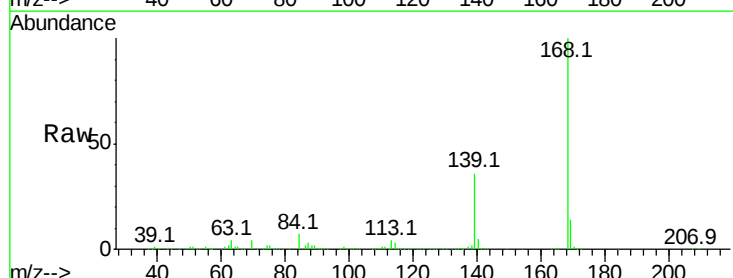
Tgt Ion:168 Resp: 1451354

Ion Ratio Lower Upper

168 100

139 35.6 35.3 52.9

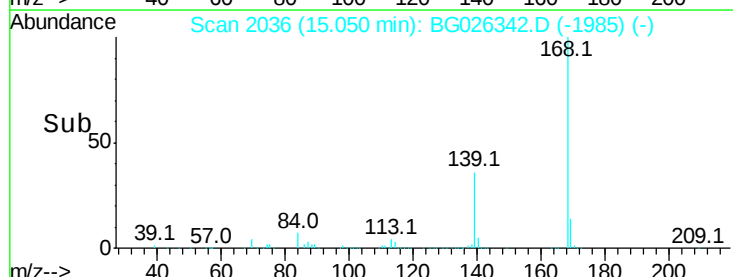
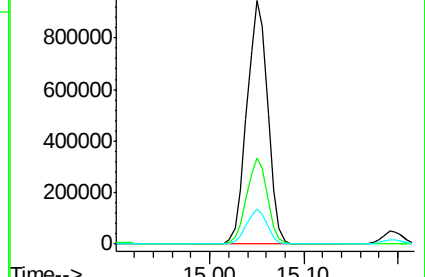
169 14.2 11.5 17.3

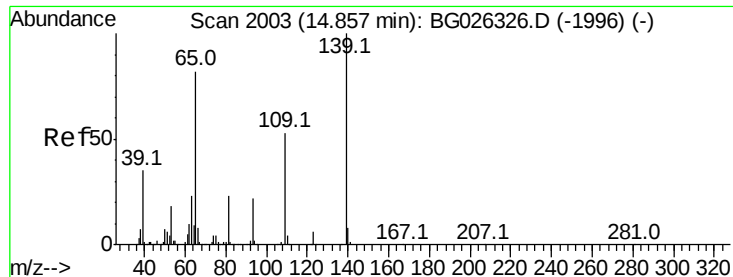


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 110.10 ng

RT: 14.87 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

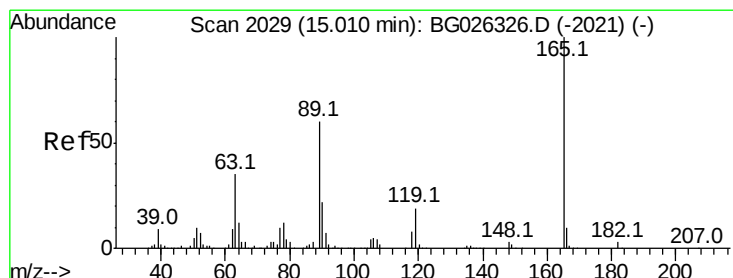
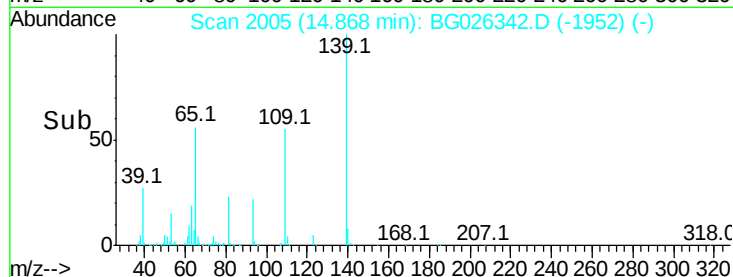
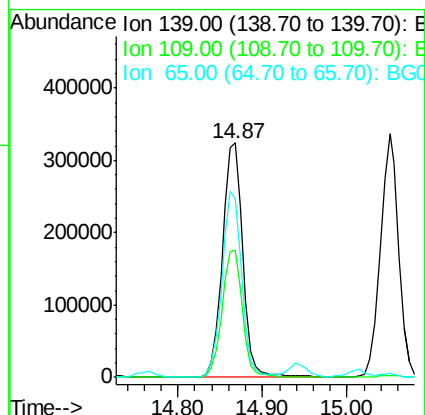
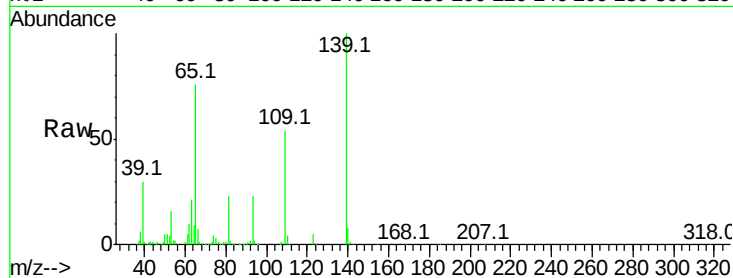
Tot Ion:139 Resp: 545057

Ion Ratio Lower Upper

139 100

109 54.5 101.2 141.2#

65 76.1 135.3 175.3#



#56

2,4-Dinitrotoluene

Concen: 53.14 ng

RT: 15.02 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion:165 Resp: 410340

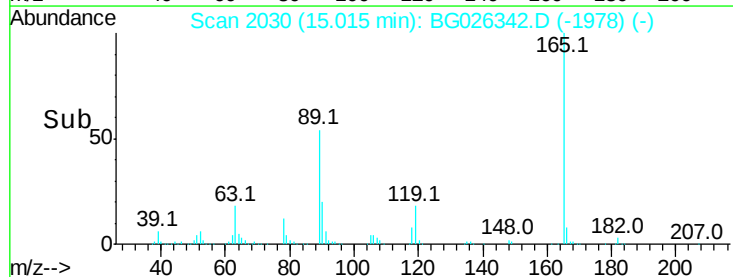
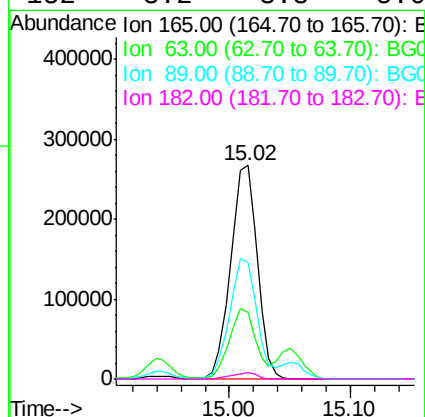
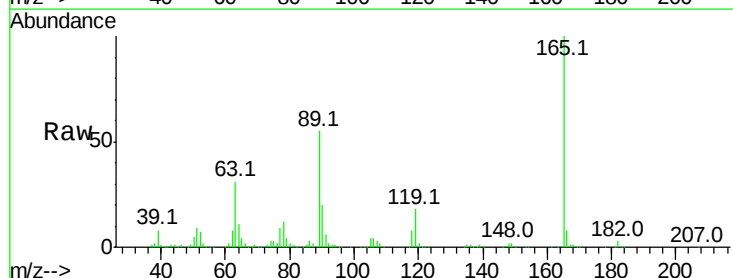
Ion Ratio Lower Upper

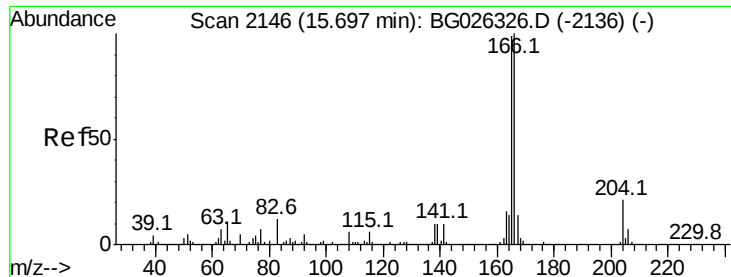
165 100

63 31.3 44.0 66.0#

89 54.8 67.3 100.9#

182 3.2 3.8 5.6#





#57

Fluorene

Concen: 47.45 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

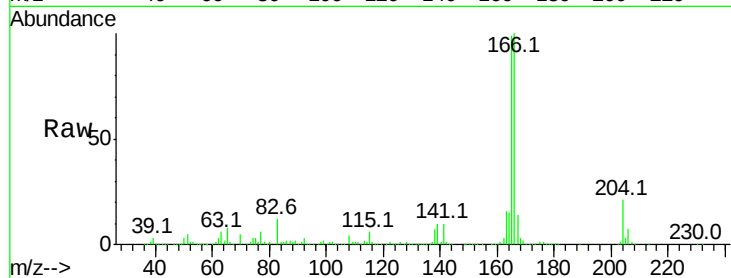
Tot Ion:166 Resp: 1203206

Ion Ratio Lower Upper

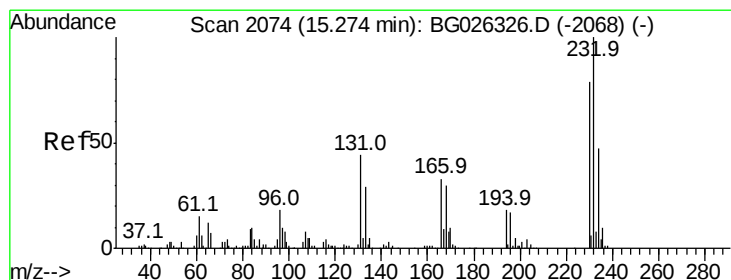
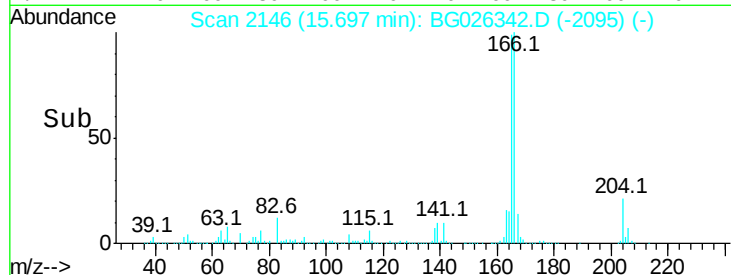
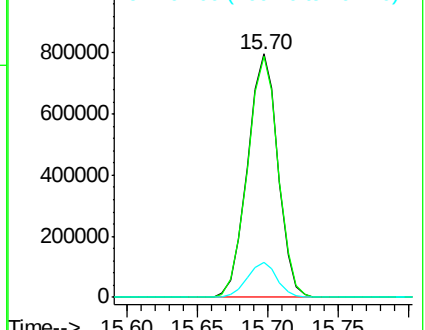
166 100

165 99.0 78.6 117.8

167 14.3 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.37 ng

RT: 15.27 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion:232 Resp: 333682

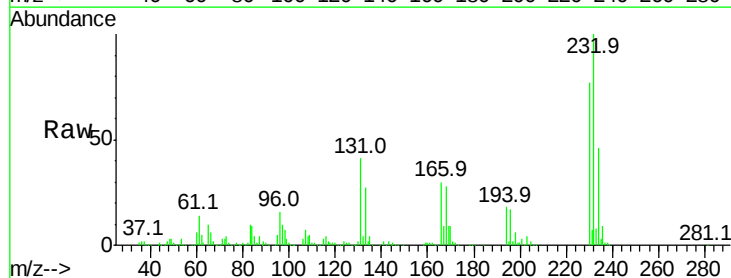
Ion Ratio Lower Upper

232 100

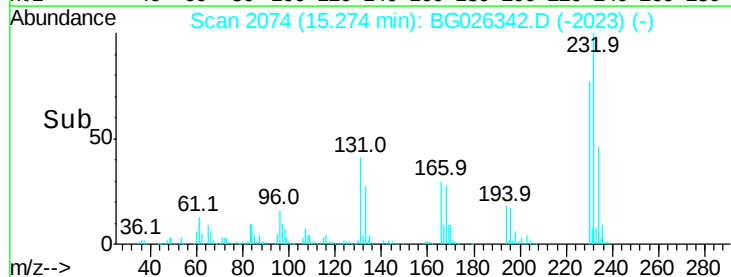
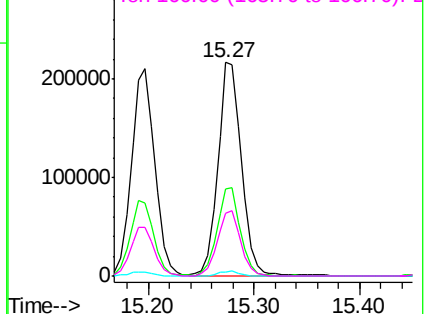
131 41.0 34.9 52.3

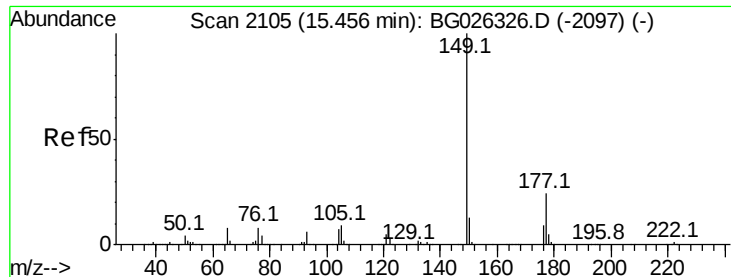
130 2.2 2.3 3.5#

166 30.4 24.2 36.4



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

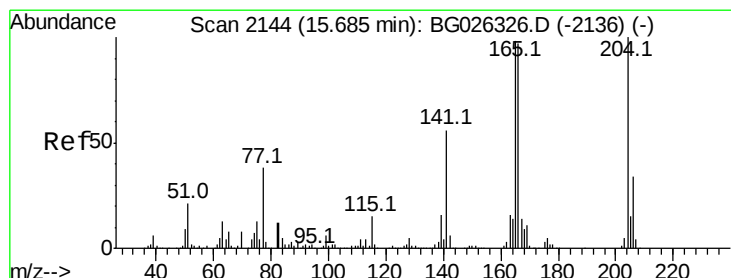
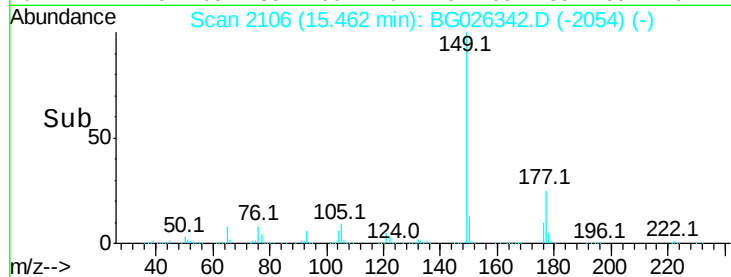
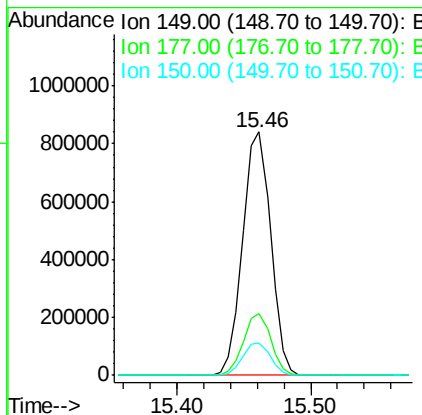
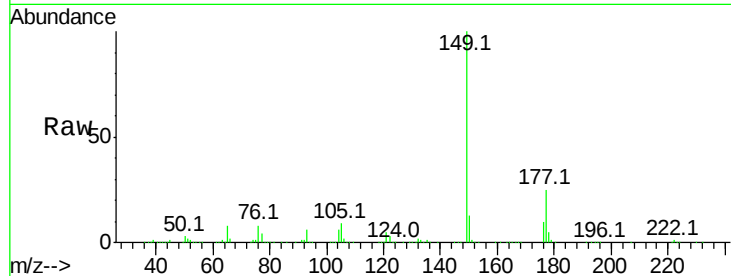




#59
Diethylphthalate
Concen: 50.65 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

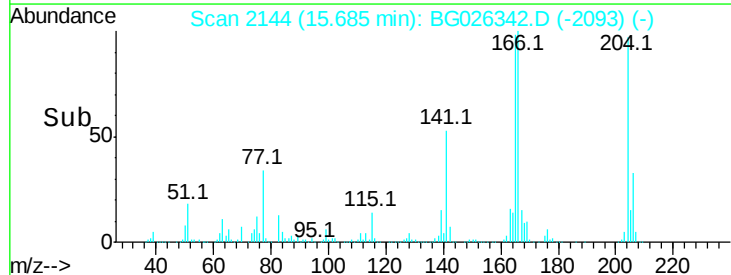
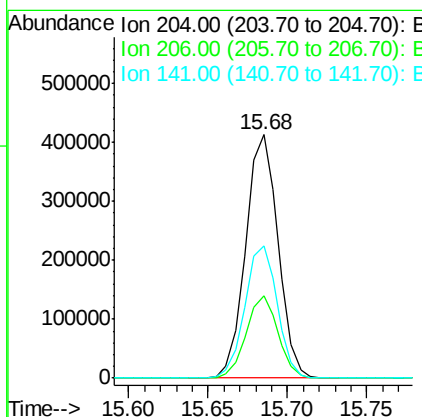
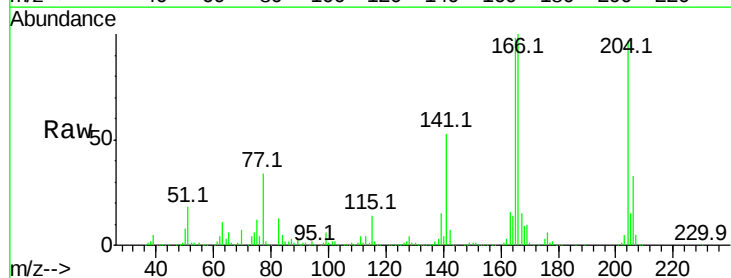
Instrument :
BNA_G
ClientSampled :
PB97674BS

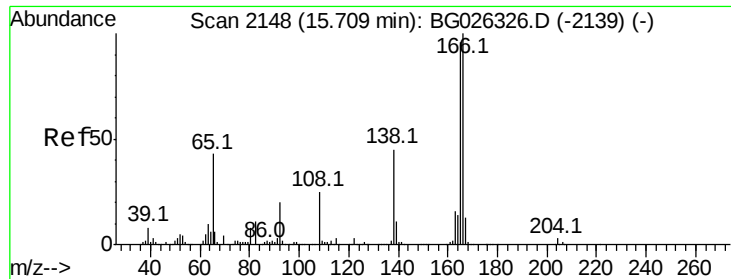
Tot Ion:149 Resp: 1217873
Ion Ratio Lower Upper
149 100
177 25.4 20.1 30.1
150 13.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 48.73 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion:204 Resp: 585613
Ion Ratio Lower Upper
204 100
206 33.7 30.1 45.1
141 54.5 50.6 76.0

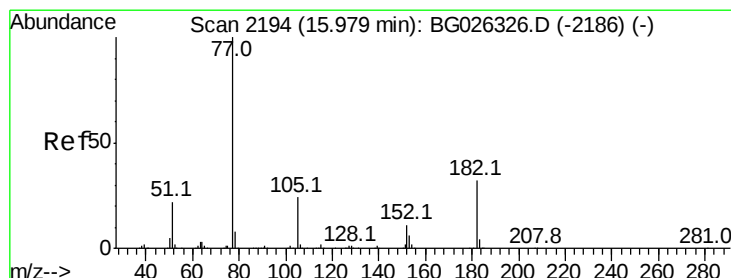
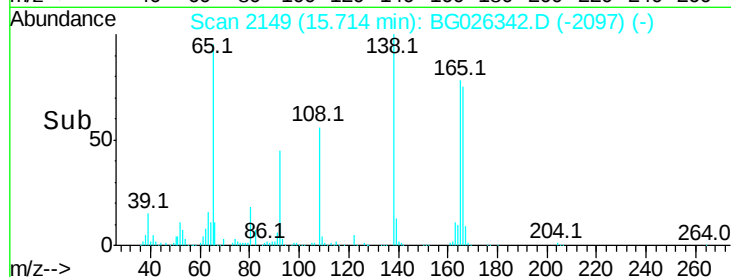
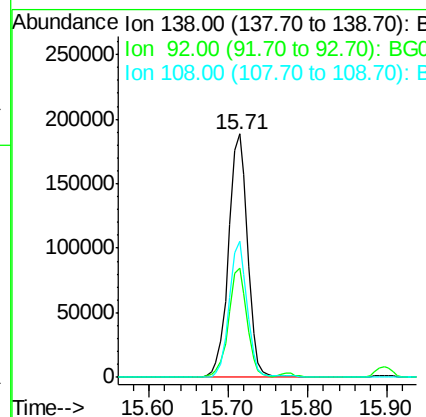
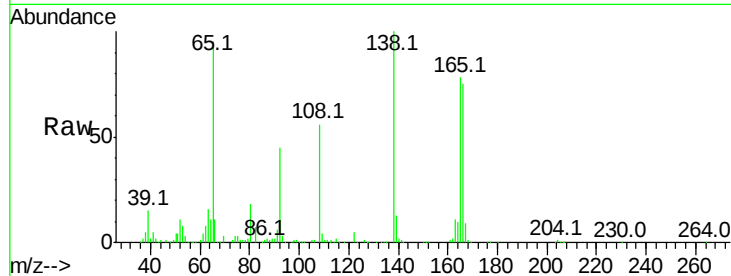




#61
4-Nitroaniline
Concen: 49.28 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

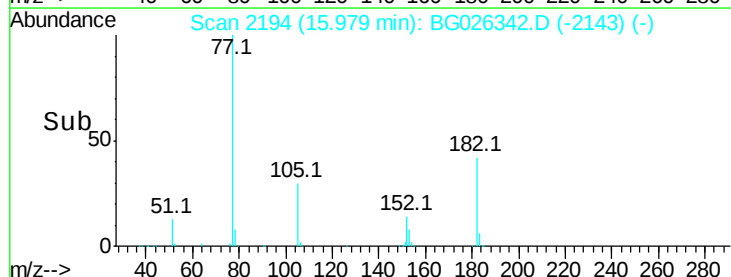
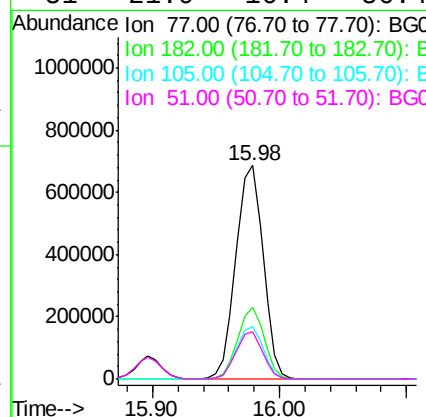
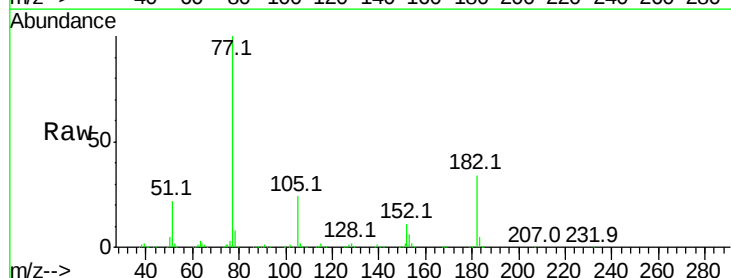
Instrument :
BNA_G
ClientSampleId :
PB97674BS

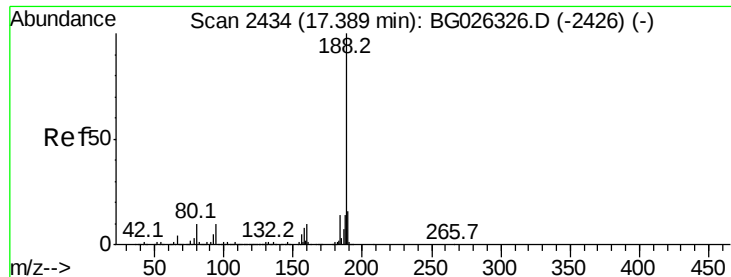
Tot Ion:138 Resp: 315134
Ion Ratio Lower Upper
138 100
92 44.6 44.2 84.2
108 55.9 104.8 144.8#



#62
Azobenzene
Concen: 52.07 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion: 77 Resp: 1018020
Ion Ratio Lower Upper
77 100
182 33.6 4.7 44.7
105 24.3 0.0 36.3
51 21.9 16.4 56.4

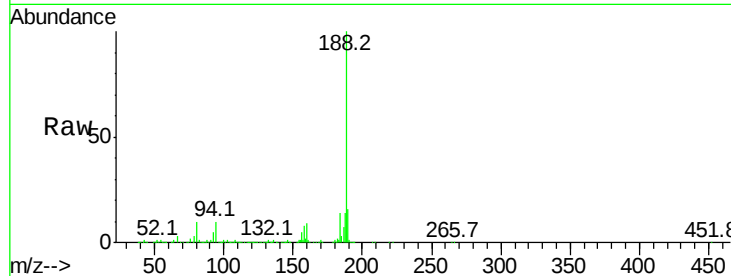




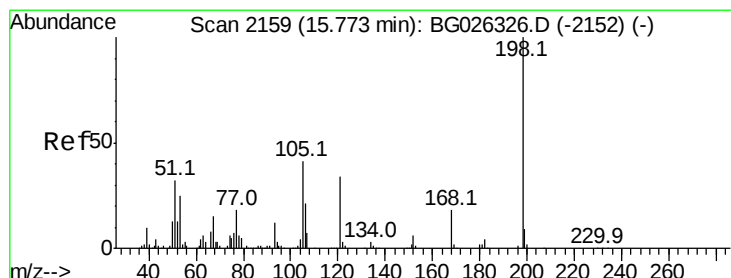
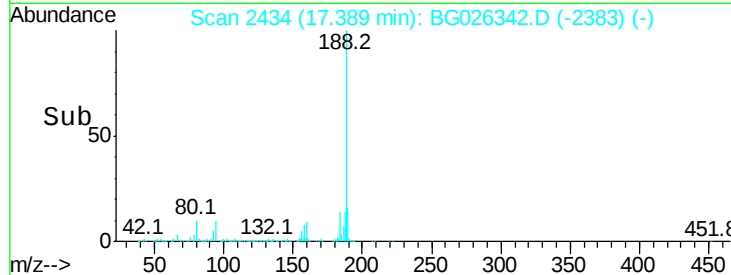
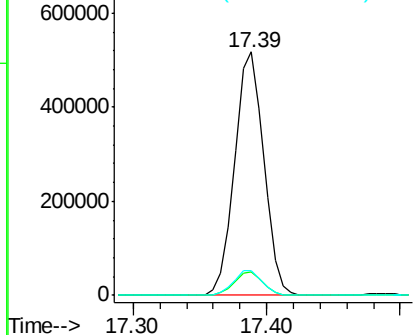
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion:188 Resp: 785207
Ion Ratio Lower Upper
188 100
94 9.8 5.8 8.8#
80 10.3 7.5 11.3

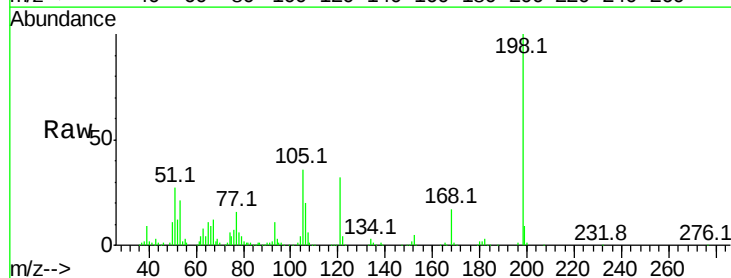


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

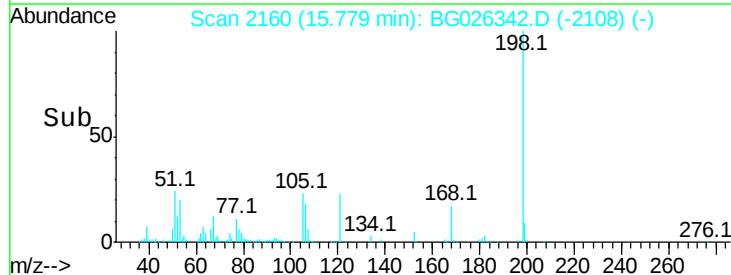
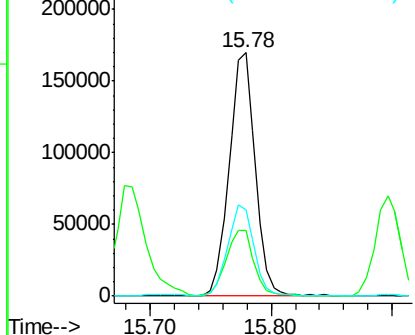


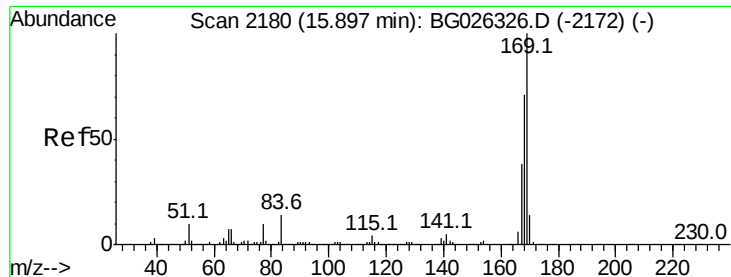
#64
4,6-Dinitro-2-methylphenol
Concen: 51.39 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion:198 Resp: 254409
Ion Ratio Lower Upper
198 100
51 26.7 22.6 62.6
105 35.6 14.4 54.4



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

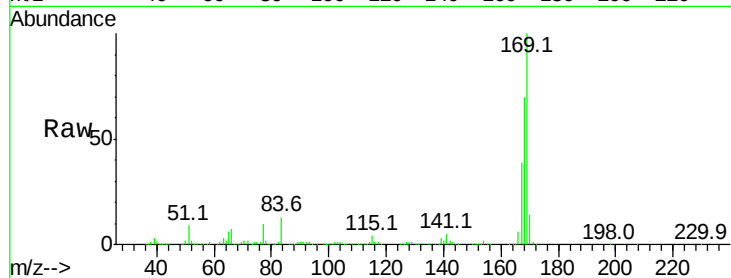




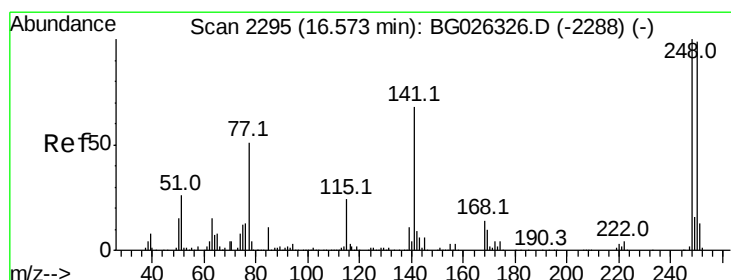
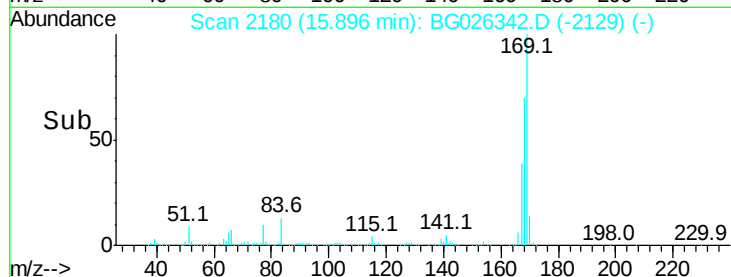
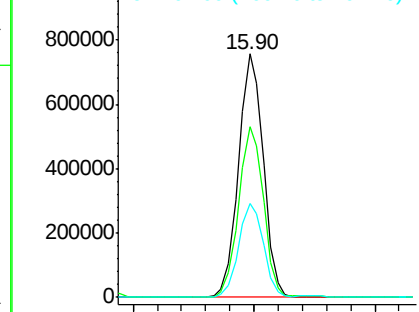
#65
 n-Nitrosodiphenylamine
 Concen: 46.97 ng
 RT: 15.90 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion:169 Resp: 1082328
 Ion Ratio Lower Upper
 169 100
 168 70.0 55.7 83.5
 167 38.7 29.8 44.6

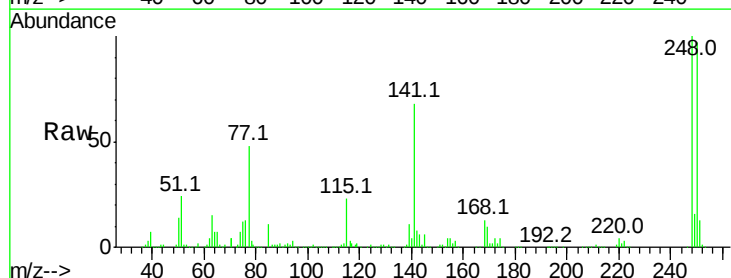


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

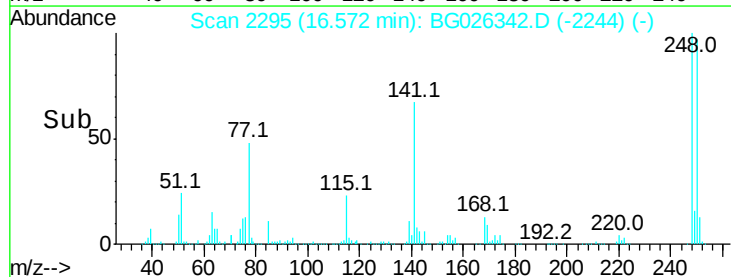
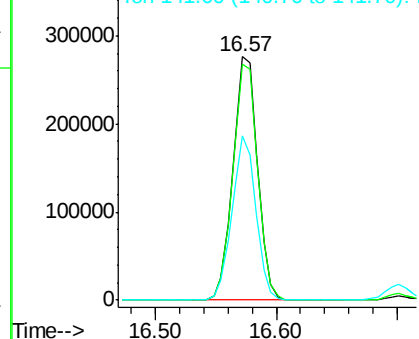


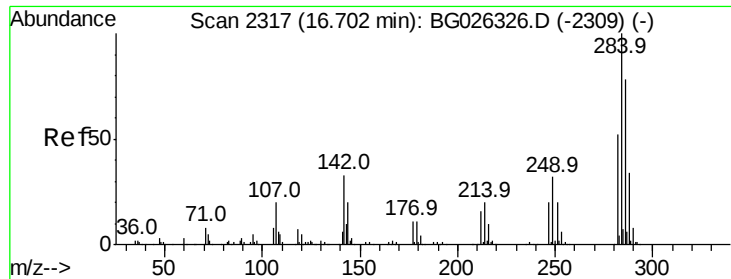
#66
 4-Bromophenyl-phenylether
 Concen: 48.40 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion:248 Resp: 391180
 Ion Ratio Lower Upper
 248 100
 250 96.9 75.0 112.6
 141 67.6 55.2 82.8



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

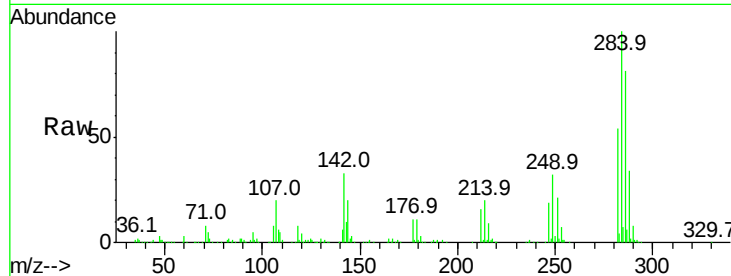




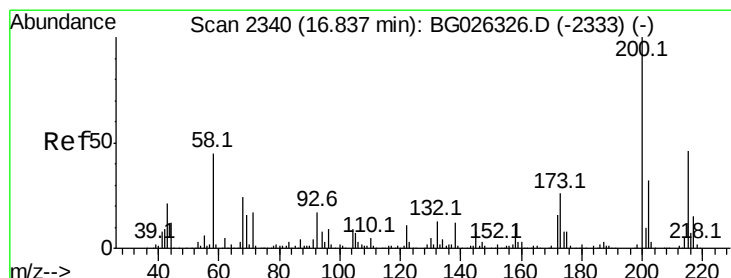
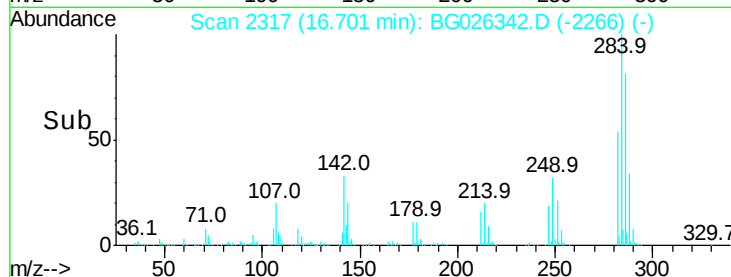
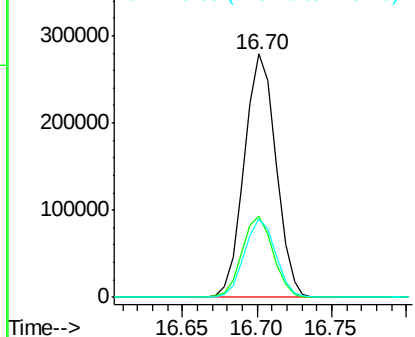
#67
Hexachlorobenzene
Concen: 47.53 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.3	29.9	44.9
249	32.2	29.2	43.8

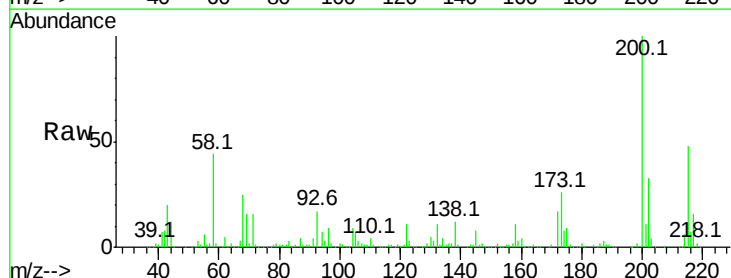


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

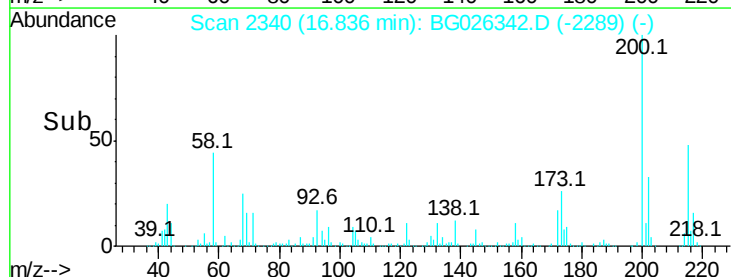
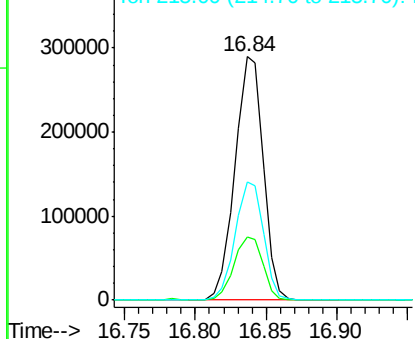


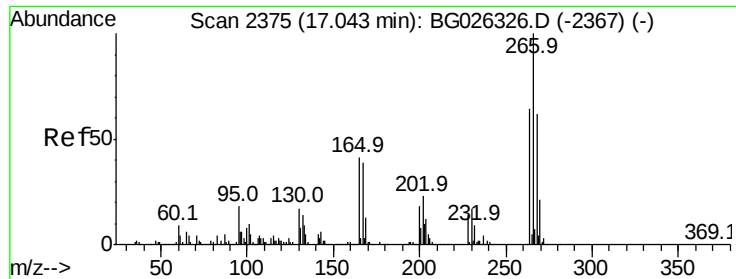
#68
Atrazine
Concen: 46.14 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.1	3.0	43.0
215	48.4	28.4	68.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

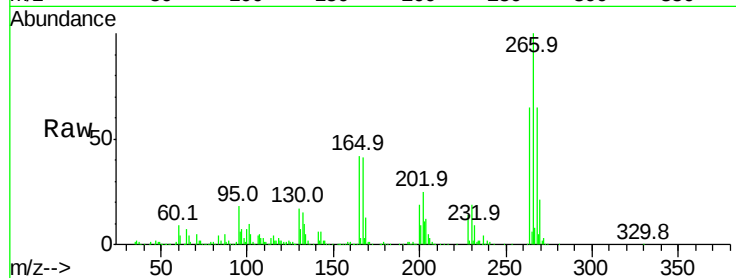




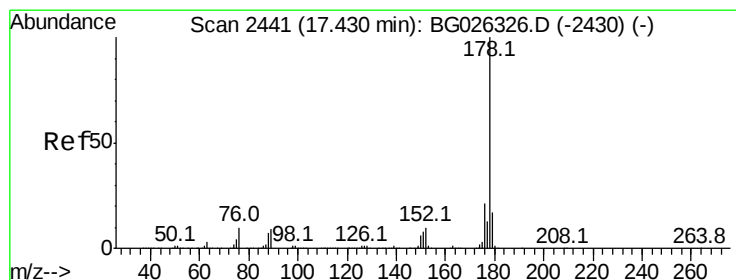
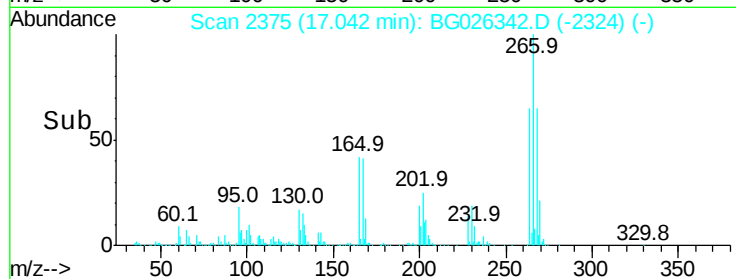
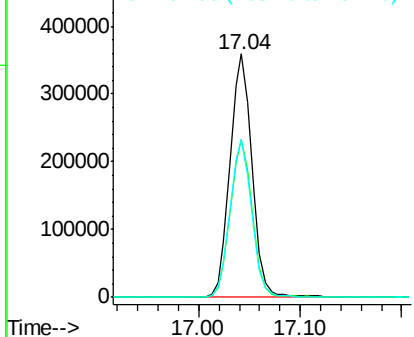
#69
 Pentachlorophenol
 Concen: 96.80 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	48.6	72.8
264	64.8	50.1	75.1

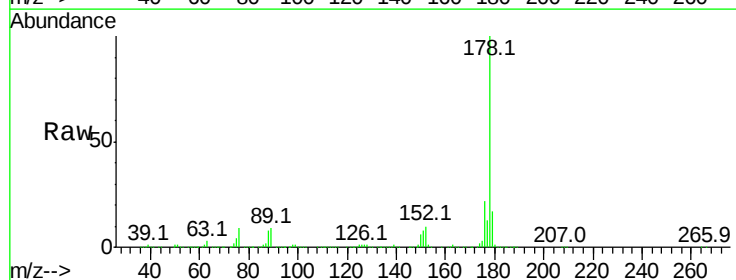


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

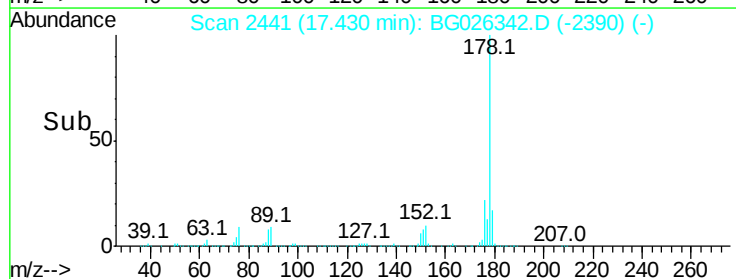
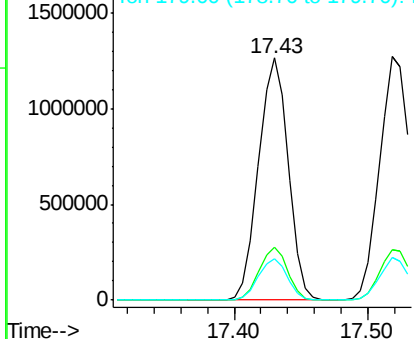


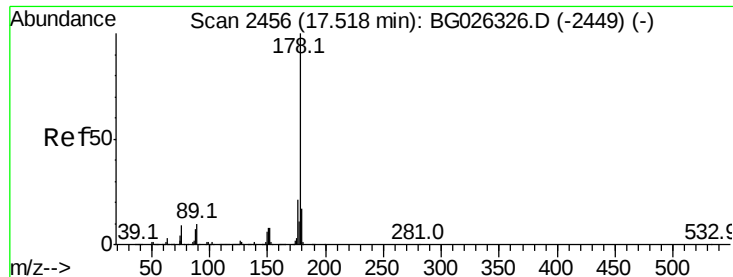
#70
 Phenanthrene
 Concen: 46.07 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	17.7	26.5
179	17.2	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: 46.66 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

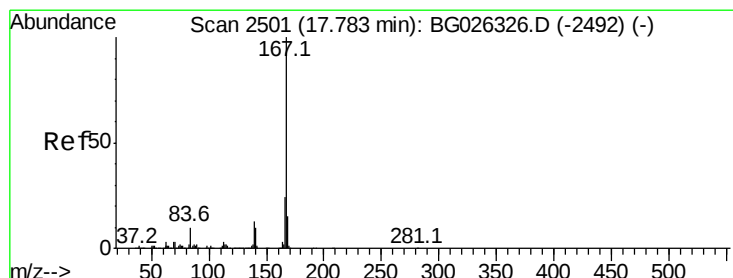
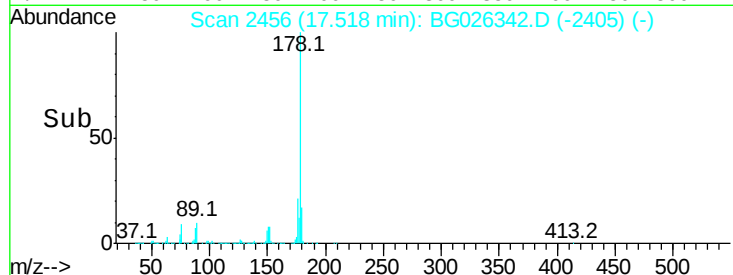
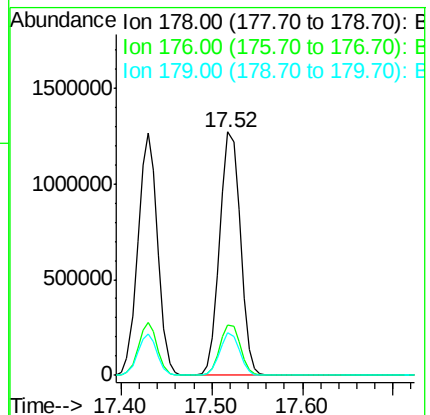
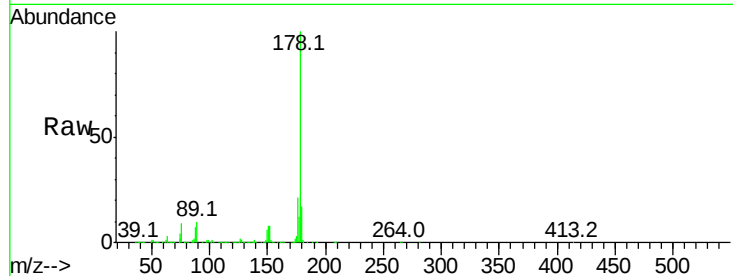
BNA_G

ClientSampleId :

PB97674BS

Tot Ion:178 Resp: 2007495

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.4	24.6
179	17.4	13.8	20.8



#72

Carbazole

Concen: 43.94 ng

RT: 17.78 min Scan# 2501

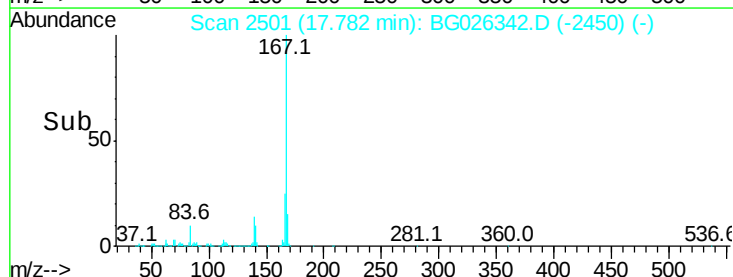
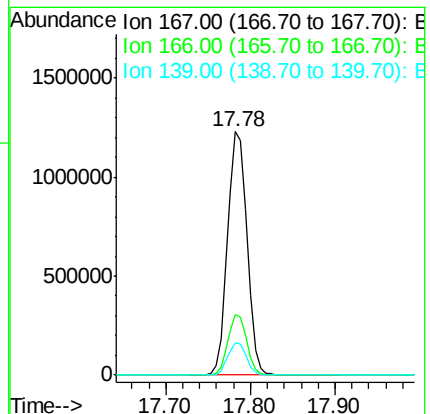
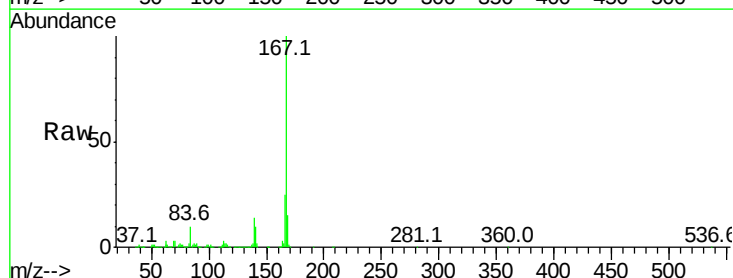
Delta R.T. -0.00 min

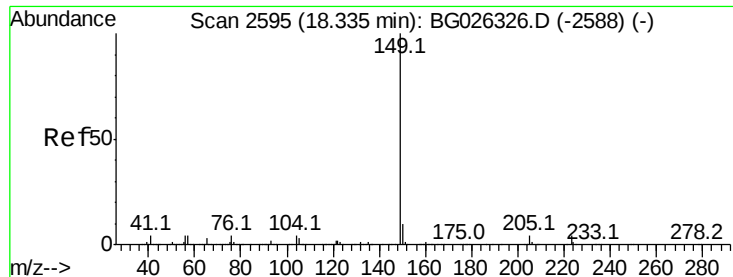
Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion:167 Resp: 1946251

Ion	Ratio	Lower	Upper
167	100		
166	24.9	20.2	30.2
139	13.6	12.8	19.2

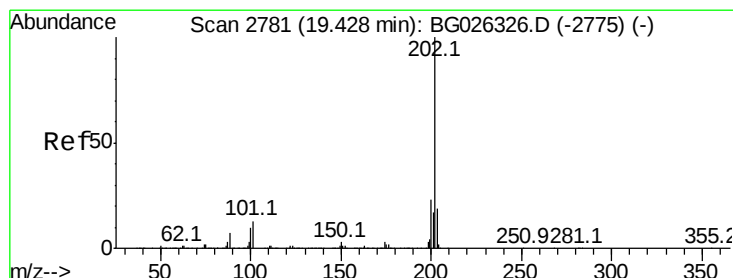
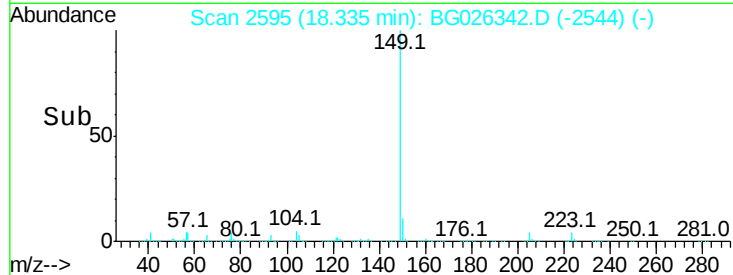
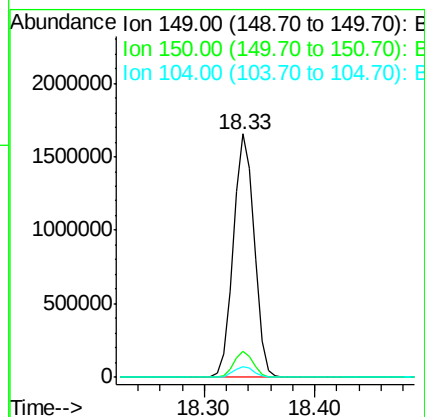
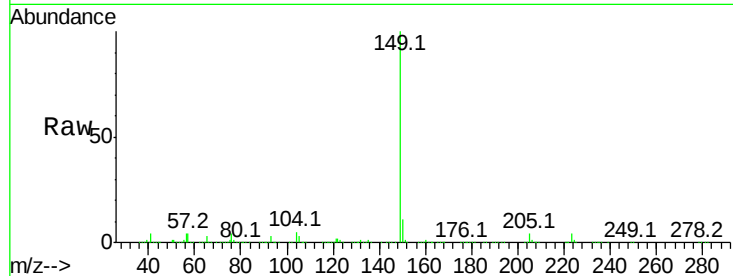




#73
Di-n-butylphthalate
Concen: 48.41 ng
RT: 18.33 min Scan# 2595
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

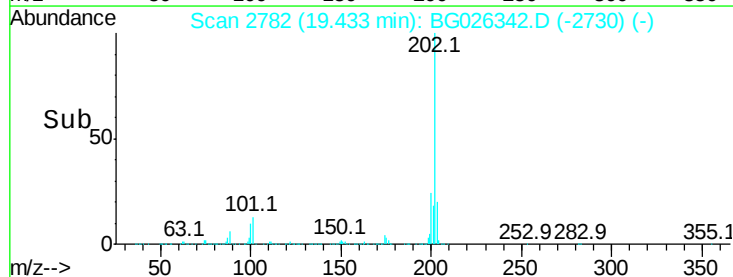
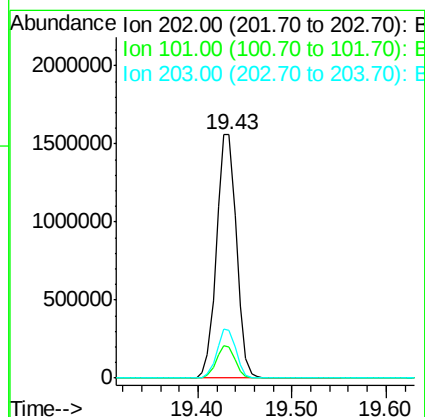
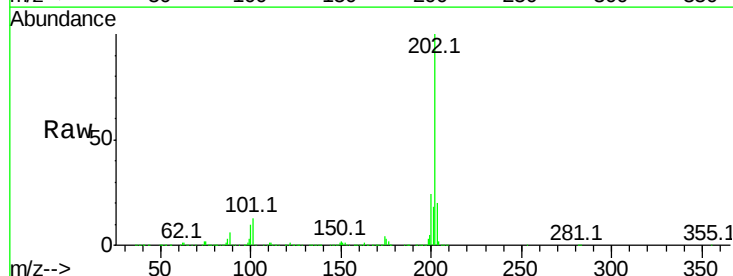
Instrument :
BNA_G
ClientSampleId :
PB97674BS

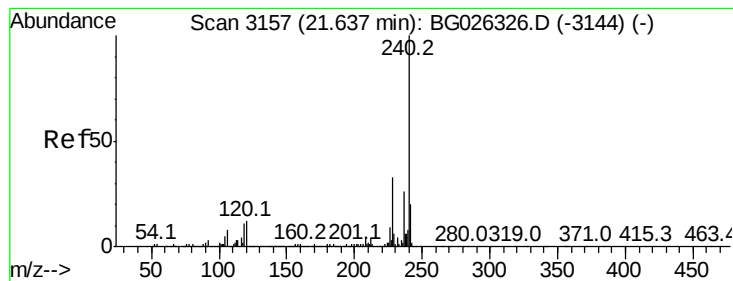
Tot Ion:149 Resp: 2203131
Ion Ratio Lower Upper
149 100
150 10.9 9.1 13.7
104 4.6 6.7 10.1#



#74
Fluoranthene
Concen: 46.84 ng
RT: 19.43 min Scan# 2782
Delta R.T. 0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion:202 Resp: 2322570
Ion Ratio Lower Upper
202 100
101 12.6 0.0 30.1
203 19.8 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

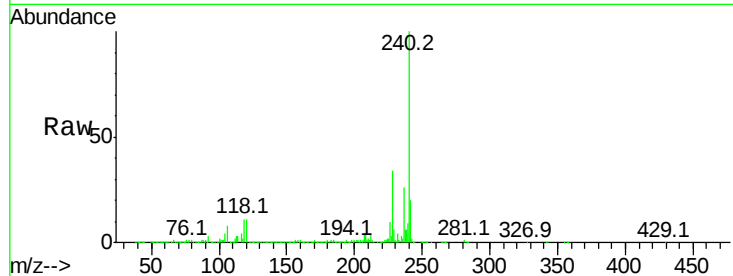
Tot Ion:240 Resp: 876716

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

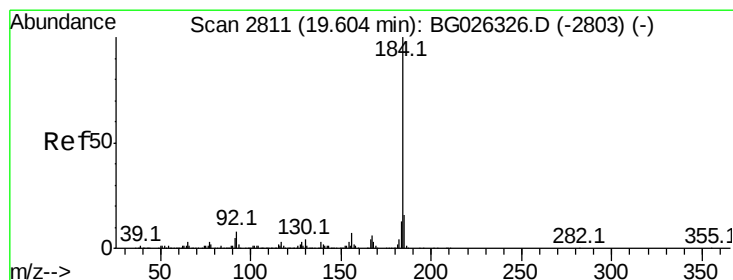
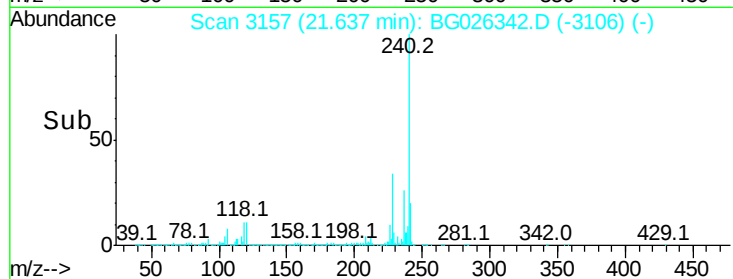
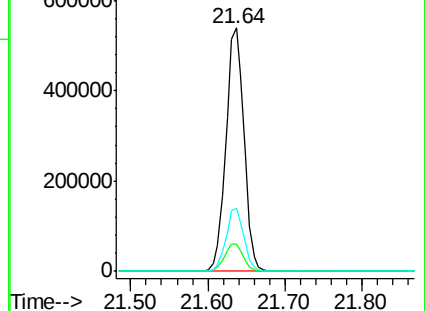
236 25.8 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.13 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

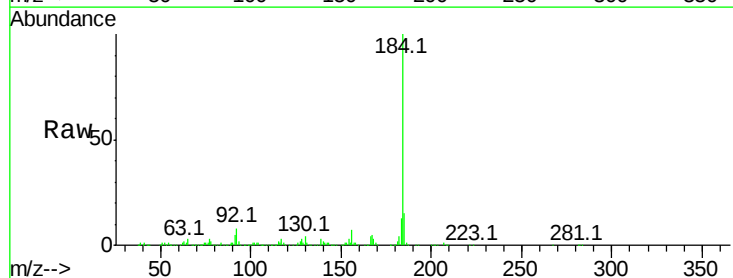
Tgt Ion:184 Resp: 638832

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

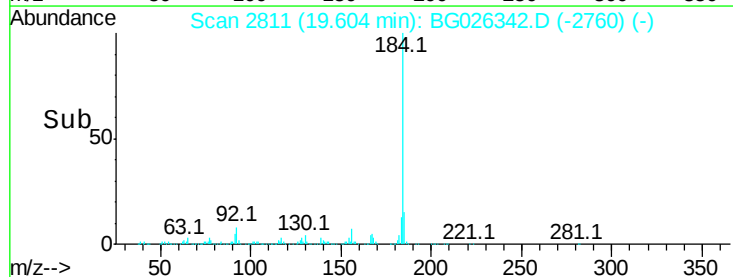
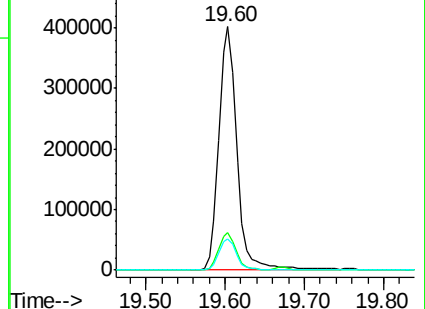
183 12.9 11.0 16.6

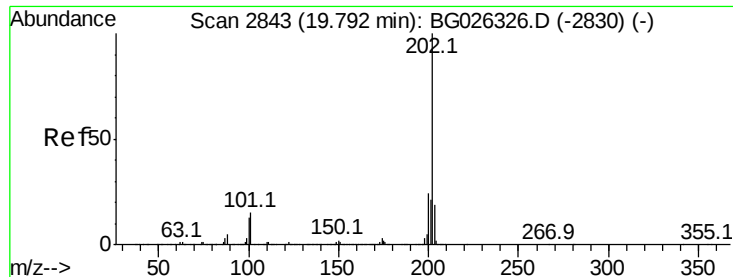


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

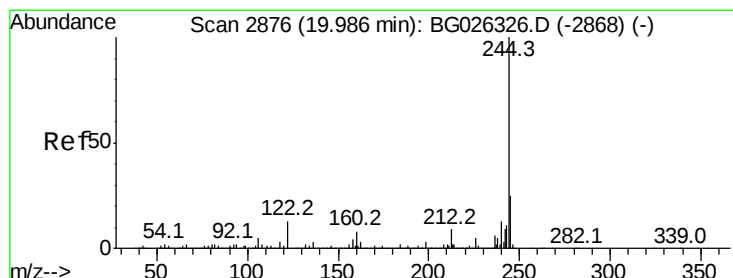
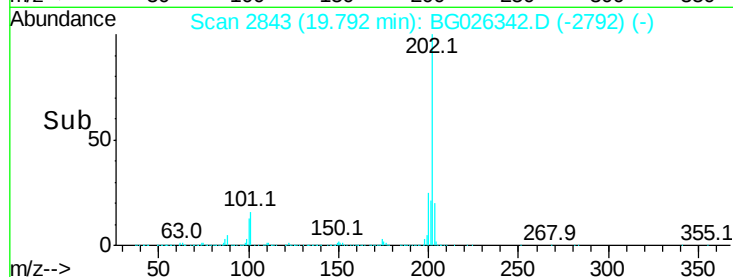
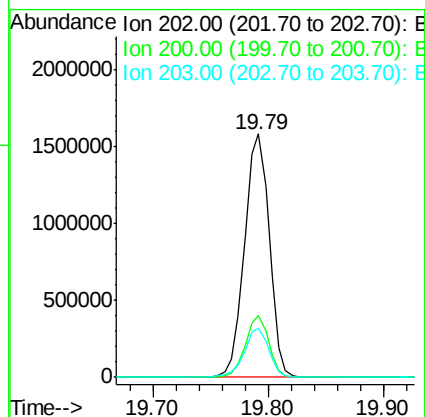
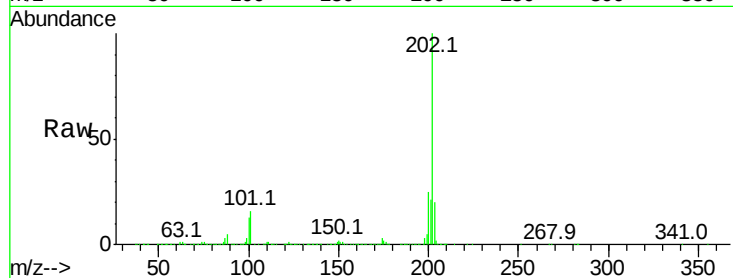




#77
Pvrene
Concen: 46.39 ng
RT: 19.79 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

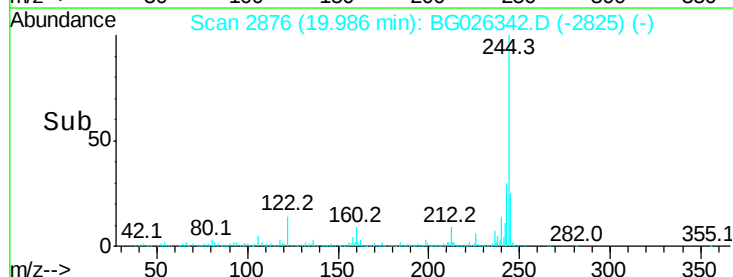
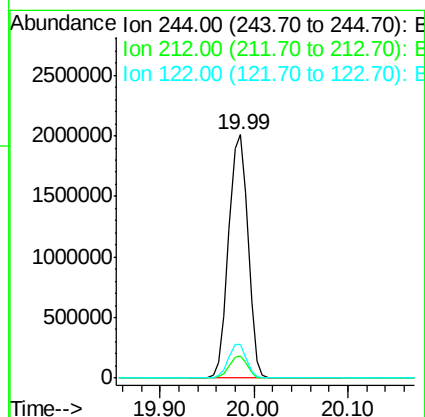
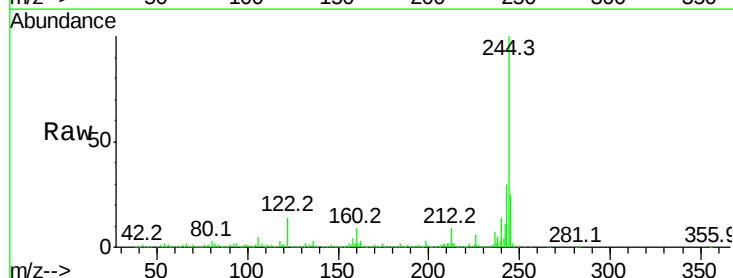
Instrument :
BNA_G
ClientSampleId :
PB97674BS

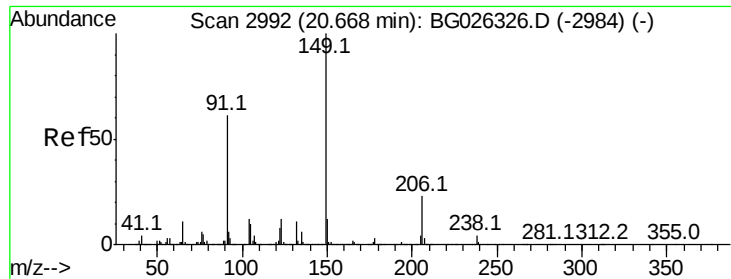
Tot Ion:202 Resp: 2354833
Ion Ratio Lower Upper
202 100
200 25.2 19.6 29.4
203 20.4 15.8 23.8



#78
Terphenyl-d14
Concen: 79.77 ng
RT: 19.99 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion:244 Resp: 2879707
Ion Ratio Lower Upper
244 100
212 9.4 10.0 15.0#
122 13.9 8.6 12.8#

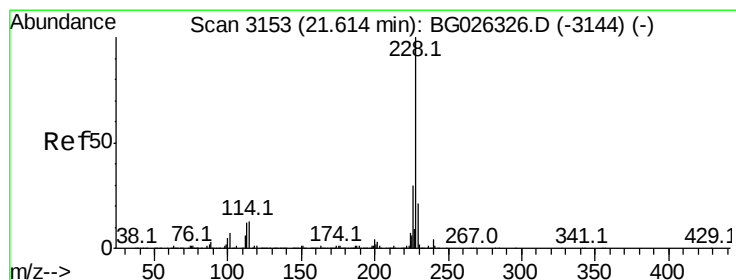
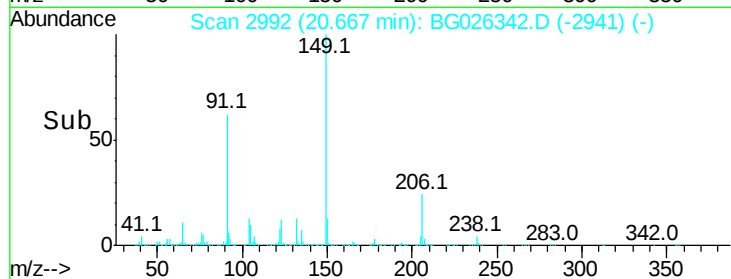
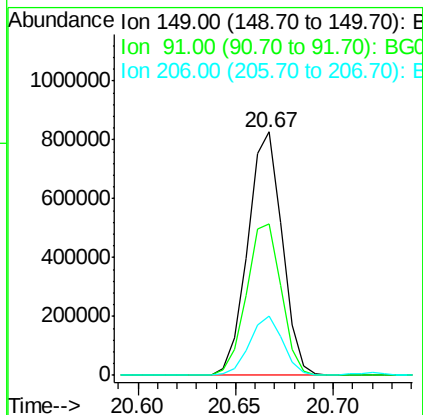
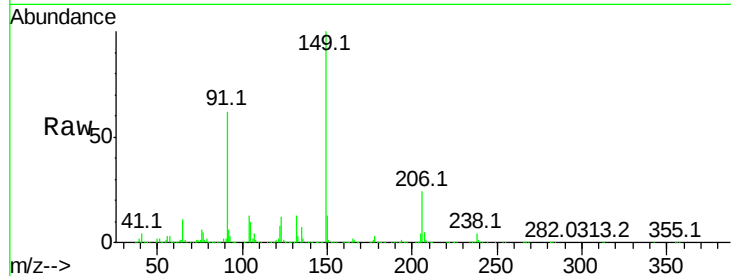




#79
Butylbenzylphthalate
Concen: 49.62 ng
RT: 20.67 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

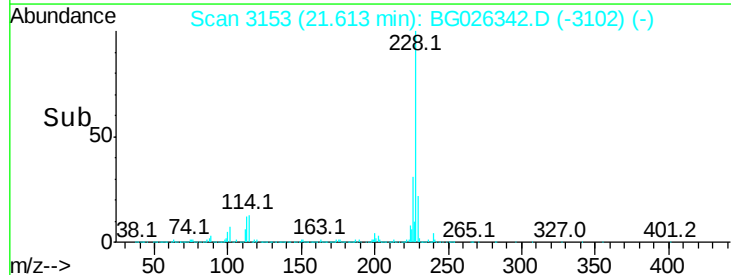
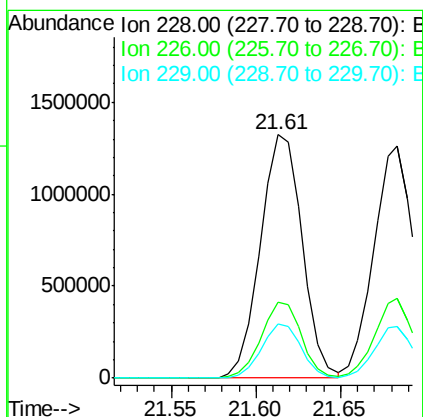
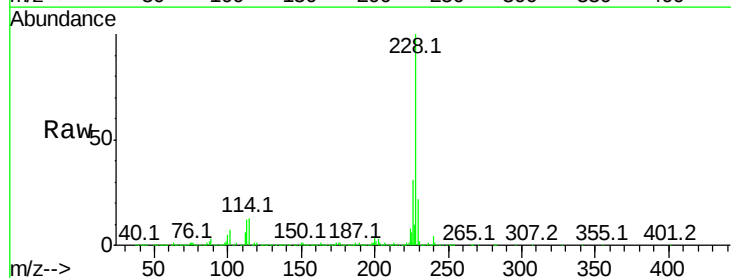
Instrument :
BNA_G
ClientSampleId :
PB97674BS

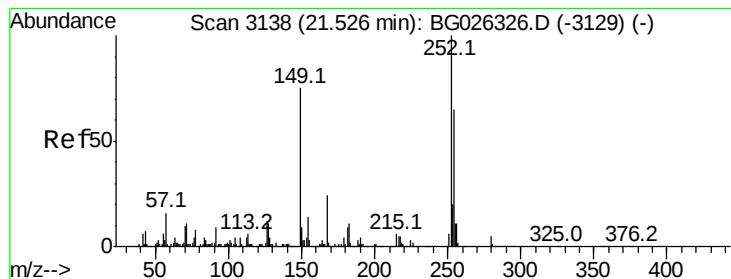
Tot Ion:149 Resp: 1007810
Ion Ratio Lower Upper
149 100
91 62.4 63.5 95.3#
206 24.2 21.0 31.6



#80
Benzo(a)anthracene
Concen: 46.03 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion:228 Resp: 2270859
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 22.5 18.2 27.2

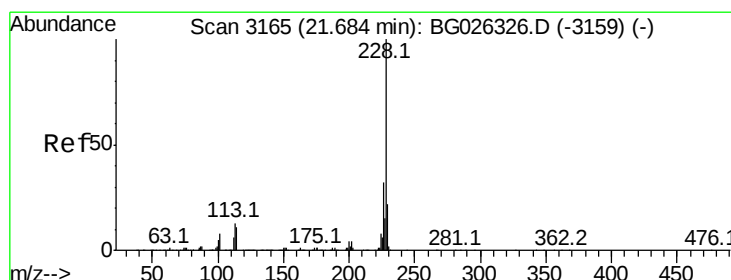
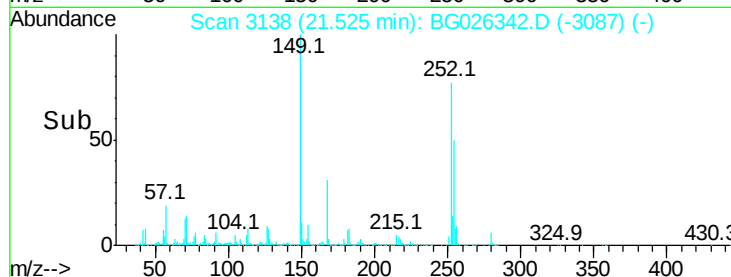
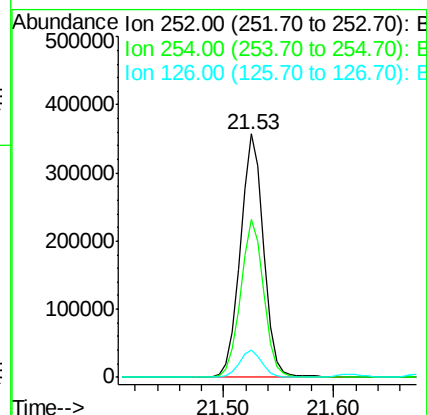
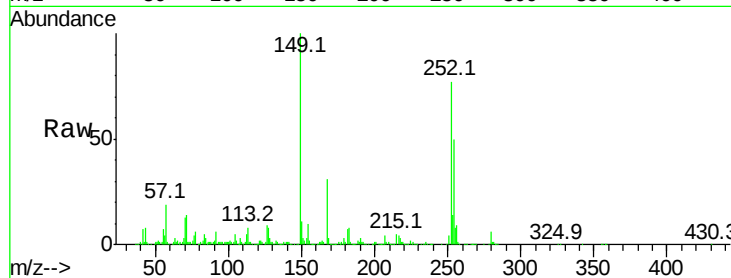




#81
 3,3'-Dichlorobenzidine
 Concen: 26.09 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

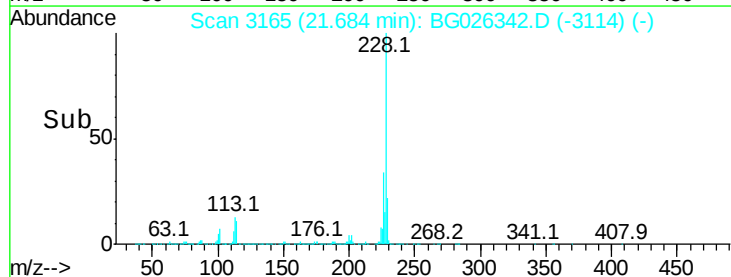
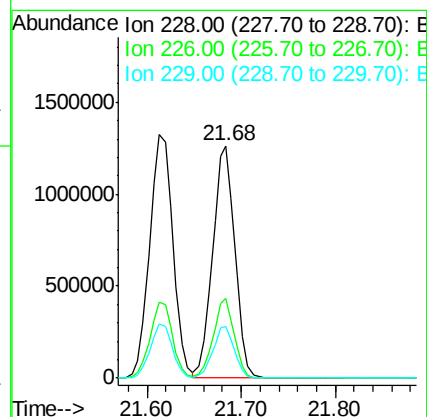
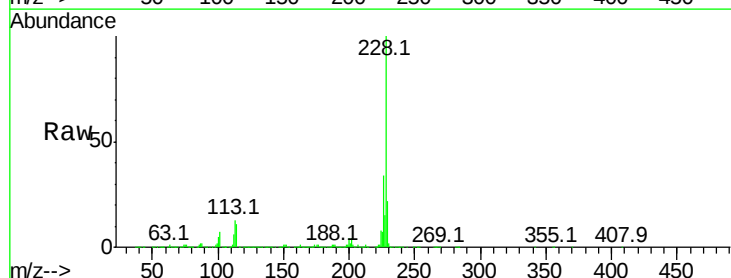
Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

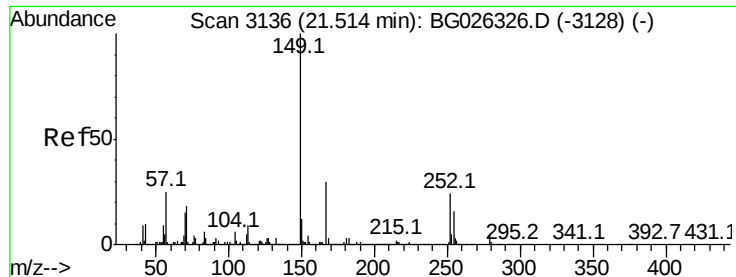
Tot Ion:252 Resp: 526927
 Ion Ratio Lower Upper
 252 100
 254 65.0 53.1 79.7
 126 11.4 7.0 10.4#



#82
 Chrysene
 Concen: 44.28 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion:228 Resp: 2087271
 Ion Ratio Lower Upper
 228 100
 226 34.2 27.0 40.4
 229 22.0 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.82 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

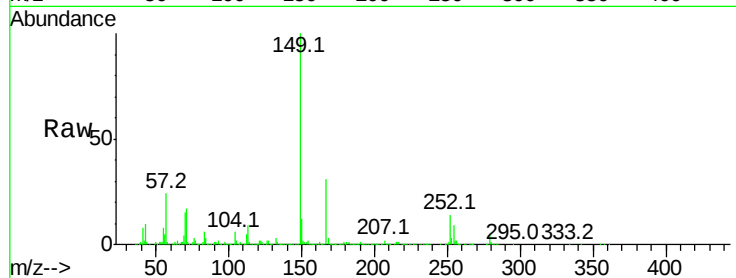
BNA_G

ClientSampleId :

PB97674BS

Tot Ion:149 Resp: 1467208

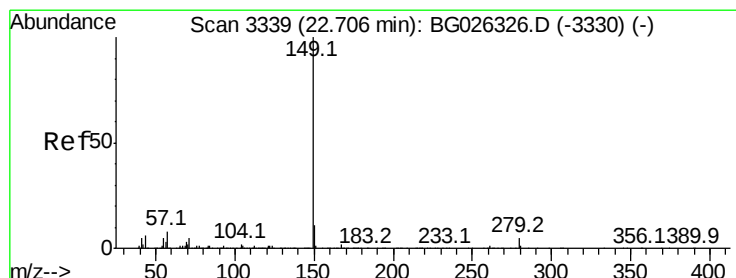
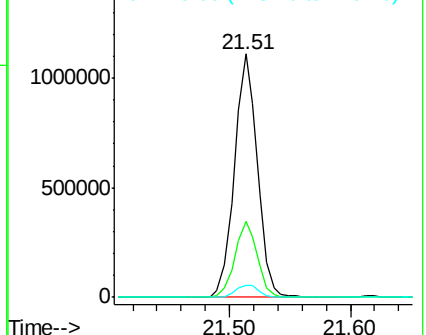
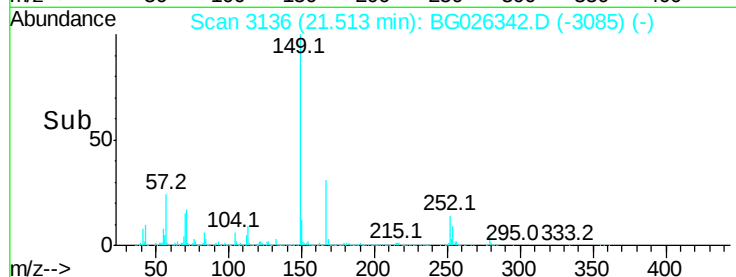
Ion	Ratio	Lower	Upper
149	100		
167	31.2	23.7	35.5
279	5.1	4.6	6.8



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: 48.51 ng

RT: 22.71 min Scan# 3339

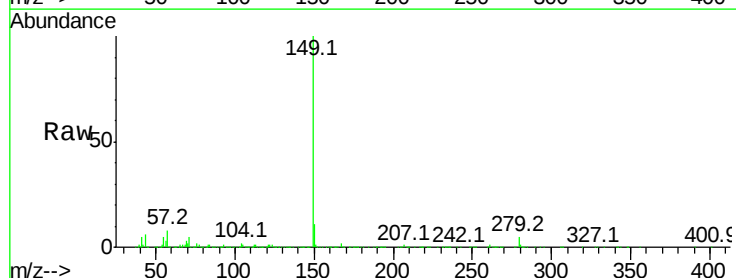
Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion:149 Resp: 2540011

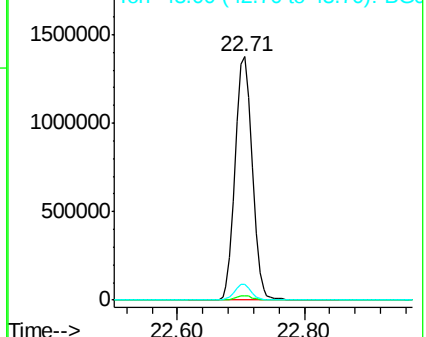
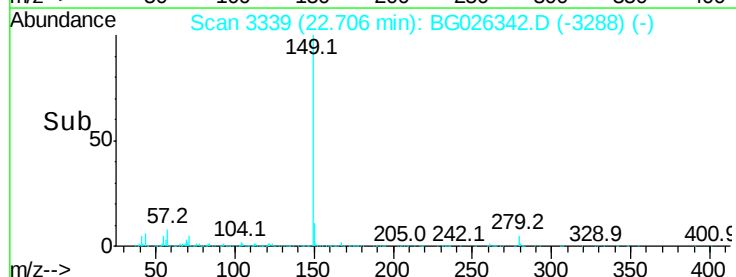
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	6.2	11.8	17.6

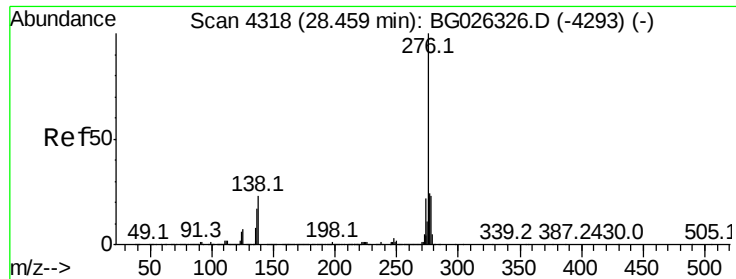


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

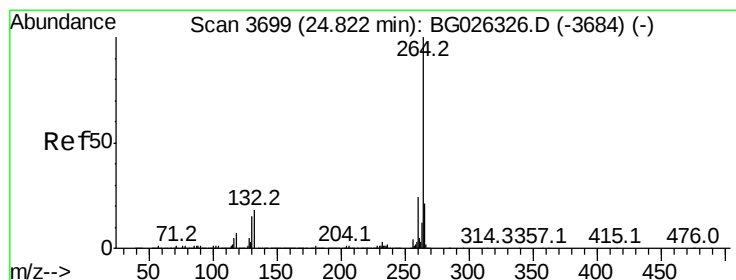
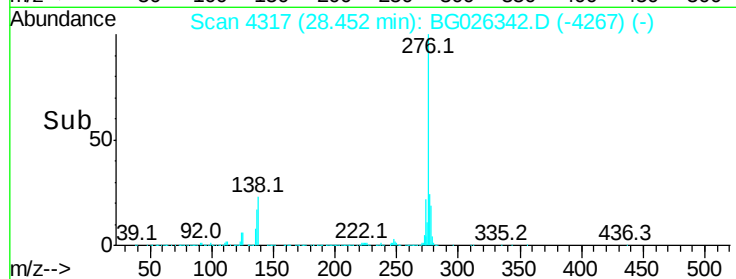
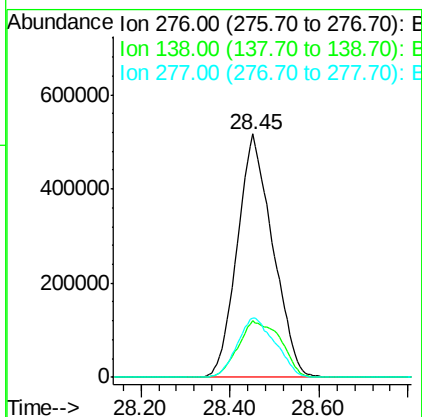
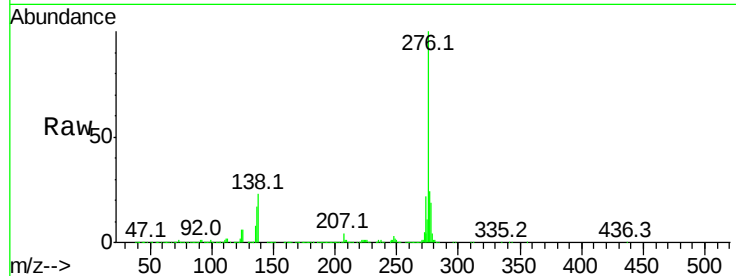




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.87 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

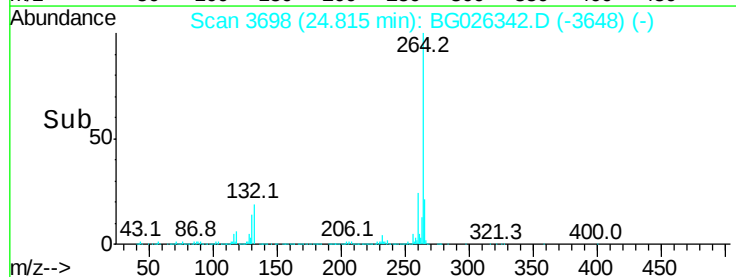
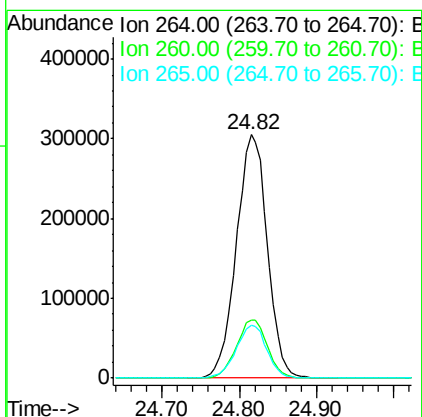
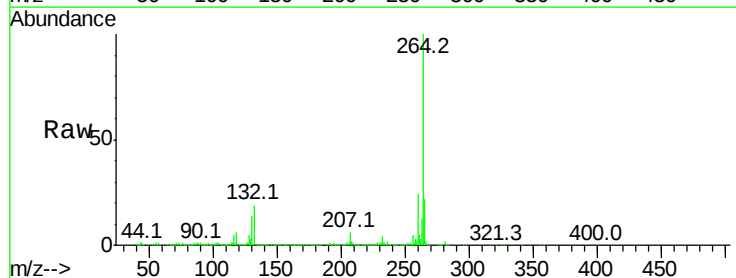
Instrument :
BNA_G
ClientSampleId :
PB97674BS

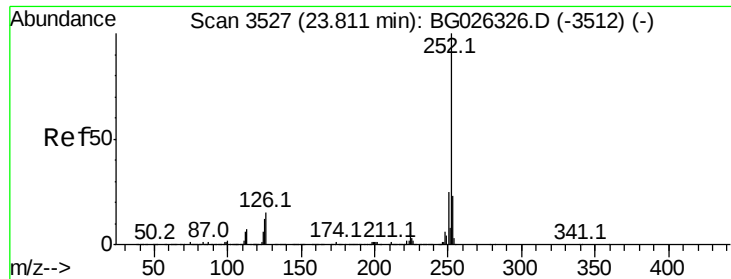
Tot Ion:276 Resp: 2844355
Ion Ratio Lower Upper
276 100
138 28.0 4.7 7.1#
277 26.3 20.6 31.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion:264 Resp: 856542
Ion Ratio Lower Upper
264 100
260 23.7 21.8 32.8
265 21.6 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 46.98 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.00 min

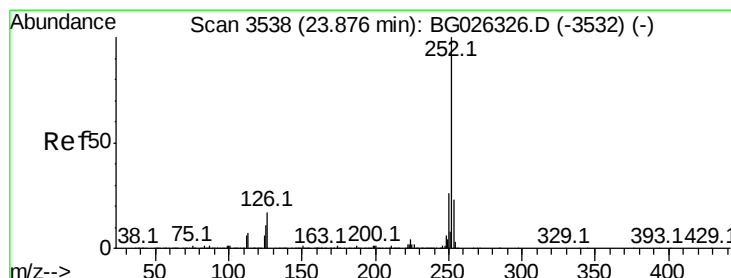
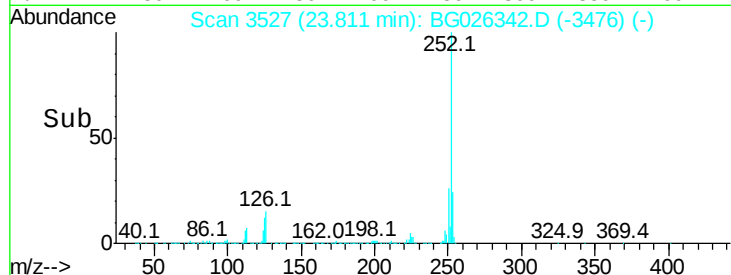
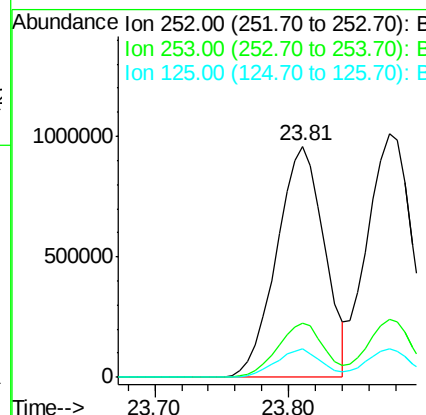
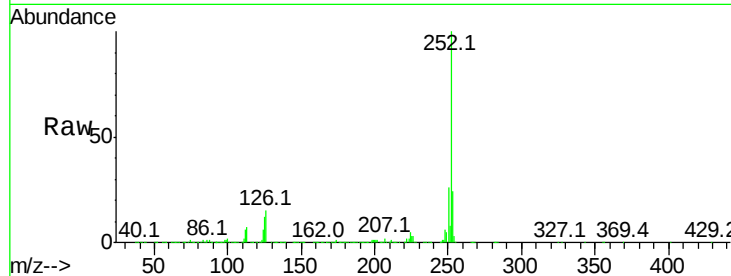
Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion:252 Resp: 2372099

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	12.5	5.3	7.9#



#88

Benzo(k)fluoranthene

Concen: 48.11 ng

RT: 23.88 min Scan# 3538

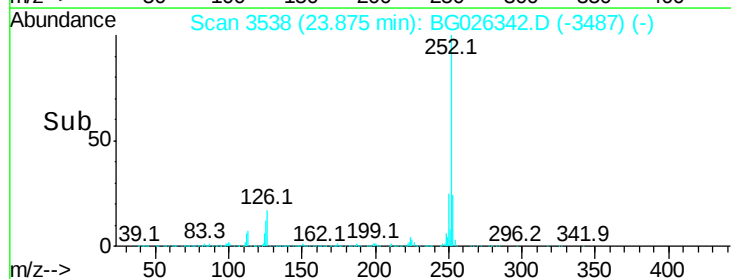
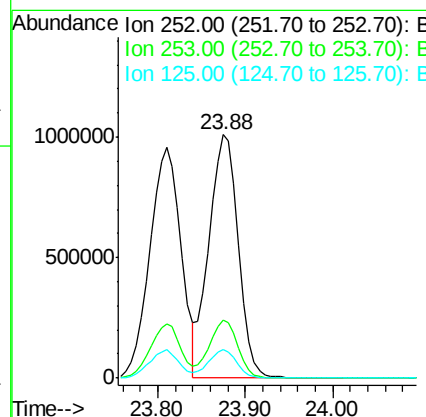
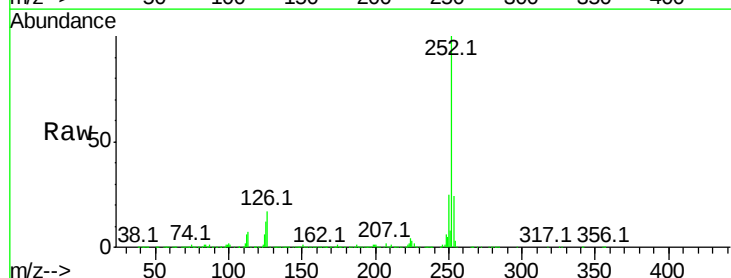
Delta R.T. -0.00 min

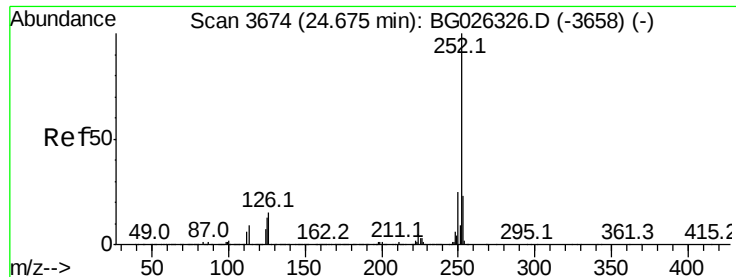
Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion:252 Resp: 2355558

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.2	30.2
125	11.9	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 48.11 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampled :

PB97674BS

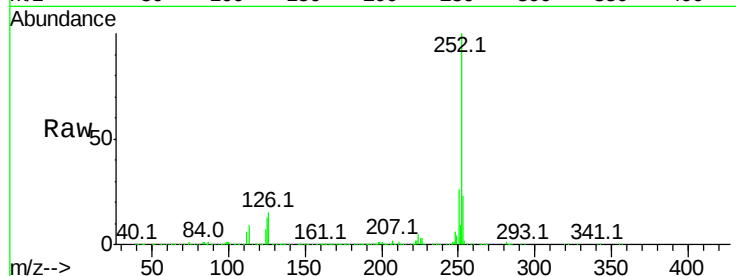
Tot Ion:252 Resp: 2329753

Ion Ratio Lower Upper

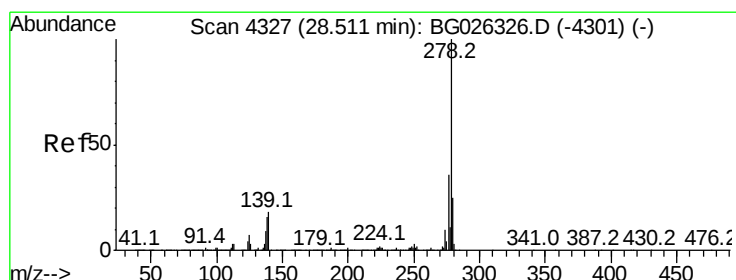
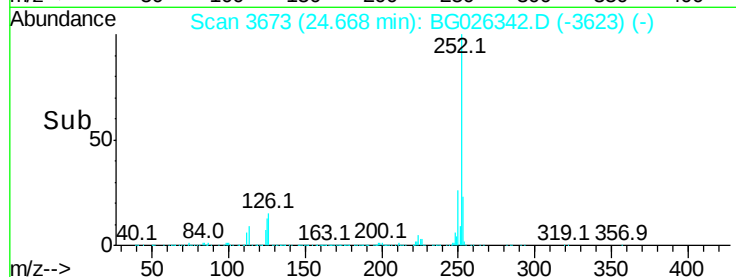
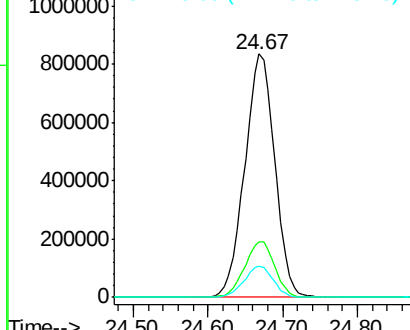
252 100

253 23.0 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: 48.05 ng

RT: 28.51 min Scan# 4327

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

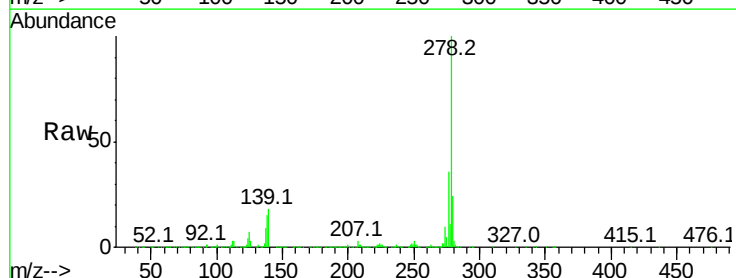
Tgt Ion:278 Resp: 2351655

Ion Ratio Lower Upper

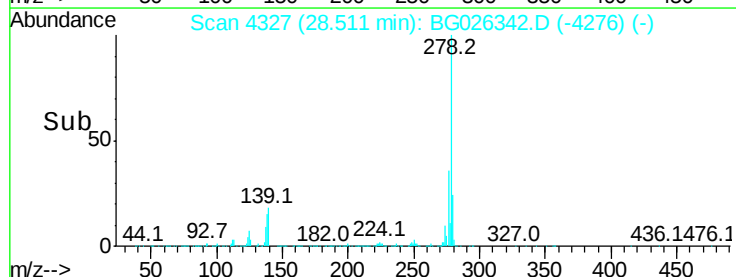
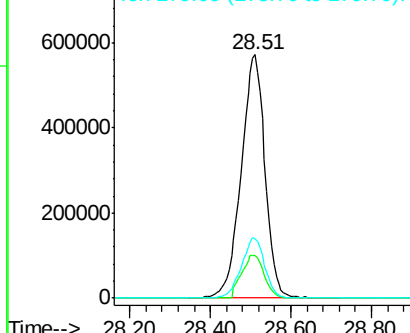
278 100

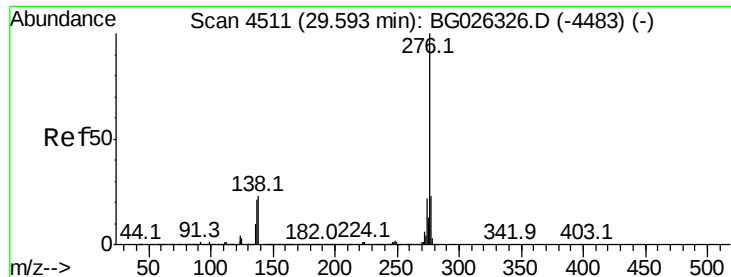
139 17.6 7.7 11.5#

279 24.3 19.1 28.7



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





#91
 Benzo(a,h,i)perylene
 Concen: 47.88 ng
 RT: 29.59 min Scan# 4511
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion:276 Resp: 2361116
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.6 27.8
 138 24.6 8.1 12.1#

