

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026339.D
 Acq On : 20 Mar 2017 23:02
 Operator : SJ/MA
 Sample : PB97592BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97592BS

Quant Time: Mar 21 01:14:43 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	114409	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	490755	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	289878	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	708648	20.00	ng	0.00
75) Chrysene-d12	21.64	240	782056	20.00	ng	0.00
86) Perylene-d12	24.81	264	772262	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	982444	152.41	ng	0.00
7) Phenol-d6	7.21	99	1290738	149.15	ng	0.00
23) Nitrobenzene-d5	9.20	82	694739	85.12	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	514212	154.90	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1818507	87.98	ng	0.00
78) Terphenyl-d14	19.98	244	2613020	81.14	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	99721	34.47	ng	# 73
3) Pyridine	3.90	79	289454	36.53	ng	# 63
4) n-Nitrosodimethylamine	3.81	42	91082	42.06	ng	# 1
6) Aniline	7.37	93	269334	23.30	ng	# 87
8) 2-Chlorophenol	7.61	128	356164	49.07	ng	# 84
9) Benzaldehyde	7.18	77	152430	26.09	ng	# 68
10) Phenol	7.23	94	451995	48.94	ng	# 70
11) bis(2-Chloroethyl)ether	7.46	93	328307	43.35	ng	# 83
12) 1,3-Dichlorobenzene	7.94	146	377684	43.71	ng	# 86
13) 1,4-Dichlorobenzene	8.08	146	383487	43.88	ng	# 93
14) 1,2-Dichlorobenzene	8.40	146	370697	44.31	ng	# 91
15) Benzyl Alcohol	8.28	79	279253	49.22	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.58	45	331339	39.40	ng	# 80
17) 2-Methylphenol	8.49	107	309450	47.18	ng	# 80
18) Hexachloroethane	9.13	117	123904	43.35	ng	# 90
19) n-Nitroso-di-n-propylamine	8.84	70	241688	43.44	ng	# 71
20) 3+4-Methylphenols	8.81	107	432446	47.89	ng	# 84
22) Acetophenone	8.86	105	503159	44.58	ng	# 75
24) Nitrobenzene	9.24	77	352015	43.68	ng	# 76
25) Isophorone	9.77	82	683984	44.46	ng	# 89
26) 2-Nitrophenol	9.96	139	203164	48.45	ng	# 62
27) 2,4-Dimethylphenol	10.01	122	348009	50.56	ng	# 86
28) bis(2-Chloroethoxy)methane	10.24	93	443107	44.34	ng	# 99
29) 2,4-Dichlorophenol	10.50	162	358558	51.51	ng	# 93
30) 1,2,4-Trichlorobenzene	10.71	180	358988	45.91	ng	# 99
31) Naphthalene	10.90	128	1082157	43.61	ng	# 100
32) Benzoic acid	10.15	122	251886	47.56	ng	# 74
33) 4-Chloroaniline	11.01	127	105117	10.42	ng	# 83
34) Hexachlorobutadiene	11.18	225	201297	43.63	ng	# 99
35) Caprolactam	11.76	113	60045	21.89	ng	# 59
36) 4-Chloro-3-methylphenol	12.12	107	373526	50.16	ng	# 78
37) 2-Methylnaphthalene	12.49	142	834685	45.92	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	379128	43.47	ng	# 99
40) Hexachlorocyclopentadiene	12.84	237	457084	99.56	ng	# 96

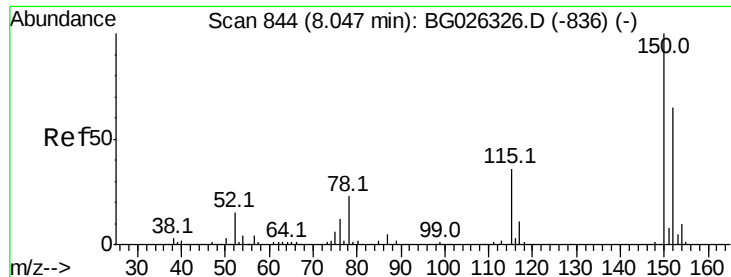
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	290900	50.94	nq	93
43) 2,4,5-Trichlorophenol	13.17	196	299947	47.52	nq	# 92
45) 1,1'-Biphenyl	13.49	154	1071397	44.63	nq	99
46) 2-Chloronaphthalene	13.54	162	791702	45.15	nq	97
47) 2-Nitroaniline	13.73	65	229031	45.93	nq	# 59
48) Acenaphthylene	14.38	152	1336757	43.73	nq	99
49) Dimethylphthalate	14.10	163	1051973	48.08	nq	98
50) 2,6-Dinitrotoluene	14.23	165	248792	48.72	nq	# 59
51) Acenaphthene	14.72	154	837044	44.47	nq	99
52) 3-Nitroaniline	14.56	138	100825	17.93	nq	# 66
53) 2,4-Dinitrophenol	14.76	184	298163	100.65	nq	# 77
54) Dibenzofuran	15.05	168	1291206	48.72	nq	90
55) 4-Nitrophenol	14.86	139	465254	101.05	nq	# 40
56) 2,4-Dinitrotoluene	15.01	165	359666	50.08	nq	# 69
57) Fluorene	15.70	166	1069375	45.34	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	292231	53.08	nq	# 98
59) Diethylphthalate	15.46	149	1068740	47.79	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	512350	45.84	nq	90
61) 4-Nitroaniline	15.71	138	268411	45.13	nq	# 52
62) Azobenzene	15.98	77	909039	49.99	nq	79
64) 4,6-Dinitro-2-methylphenol	15.78	198	216890	48.55	nq	84
65) n-Nitrosodiphenylamine	15.90	169	957664	46.05	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	337688	46.30	nq	93
67) Hexachlorobenzene	16.70	284	355508	45.69	nq	92
68) Atrazine	16.84	200	356757	45.31	nq	97
69) Pentachlorophenol	17.04	266	467565	92.43	nq	96
70) Phenanthrene	17.43	178	1705329	44.81	nq	98
71) Anthracene	17.52	178	1767377	45.52	nq	100
72) Carbazole	17.79	167	1693834	42.37	nq	# 96
73) Di-n-butylphthalate	18.33	149	1928781	46.96	nq	# 94
74) Fluoranthene	19.43	202	2041696	45.63	nq	96
76) Benzidine	19.60	184	466599	17.30	nq	98
77) Pyrene	19.79	202	2077072	45.87	nq	100
79) Butylbenzylphthalate	20.67	149	871026	48.07	nq	# 84
80) Benzo(a)anthracene	21.61	228	1986629	45.14	nq	98
81) 3,3'-Dichlorobenzidine	21.52	252	357910	19.87	nq	# 99
82) Chrysene	21.68	228	1837768	43.71	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1266414	46.28	nq	97
84) Di-n-octyl phthalate	22.70	149	2207032	47.26	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.45	276	2445874	47.11	nq	# 87
87) Benzo(b)fluoranthene	23.81	252	2124579	46.67	nq	# 97
88) Benzo(k)fluoranthene	23.87	252	1989105	45.06	nq	# 94
89) Benzo(a)pyrene	24.67	252	2012379	46.09	nq	# 95
90) Dibenzo(a,h)anthracene	28.50	278	2022064	45.82	nq	# 92
91) Benzo(g,h,i)perylene	29.59	276	2033012	45.72	nq	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

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BNA_G

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PB97592BS

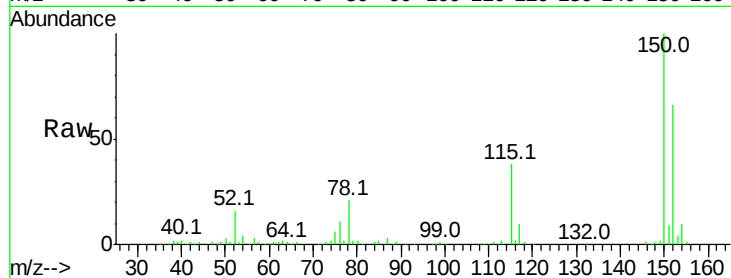
Tot Ion:152 Resp: 114409

Ion Ratio Lower Upper

152 100

150 151.5 114.0 171.0

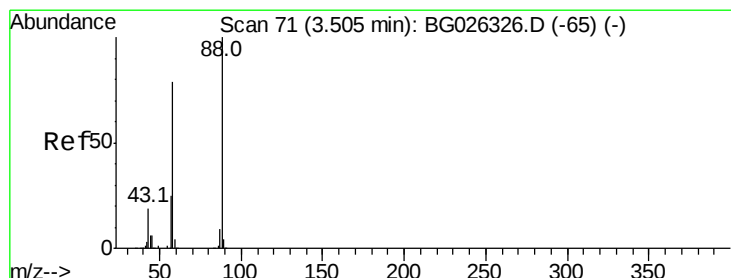
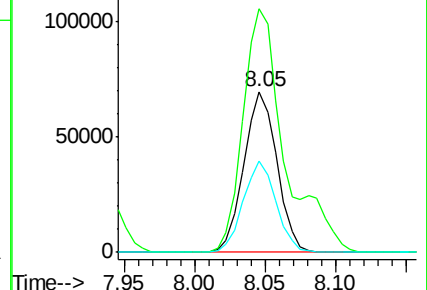
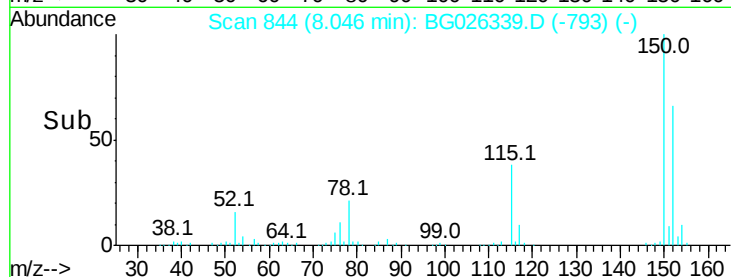
115 56.9 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.47 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.01 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

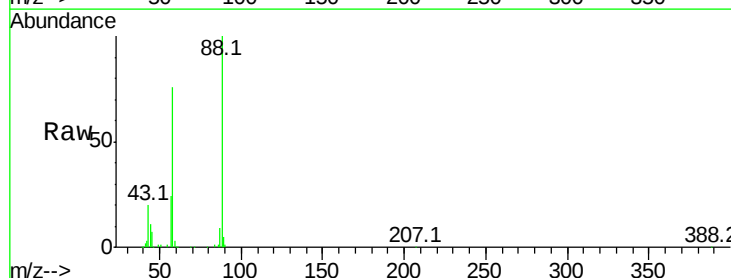
Tgt Ion: 88 Resp: 99721

Ion Ratio Lower Upper

88 100

58 76.5 79.4 119.2#

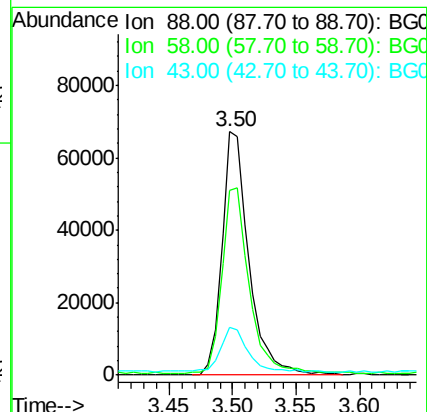
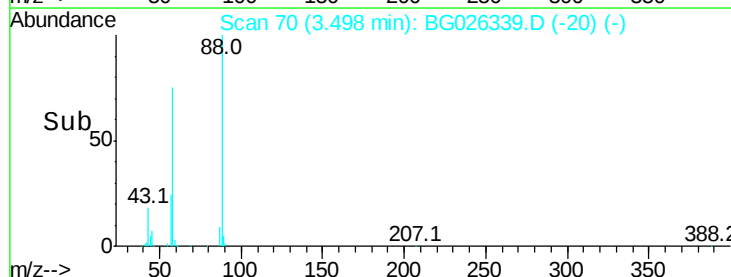
43 18.7 33.8 50.6#



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: 36.53 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

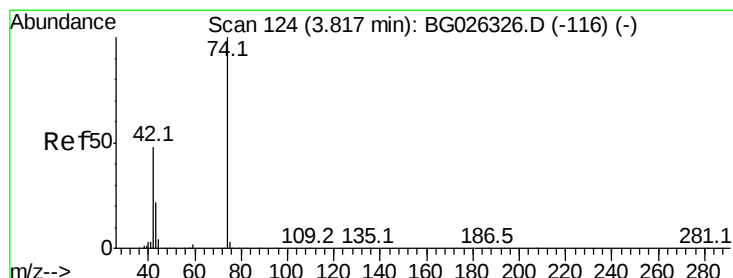
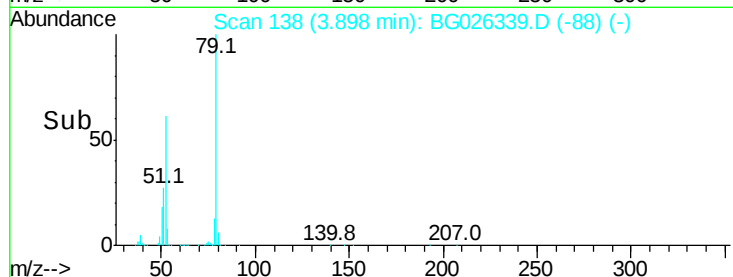
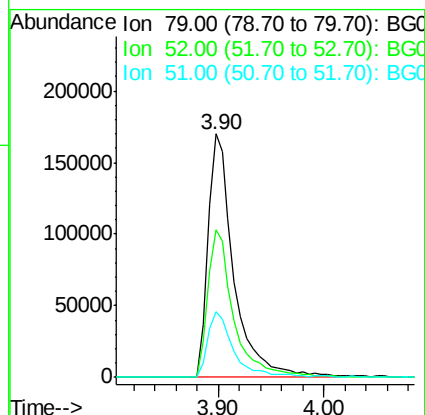
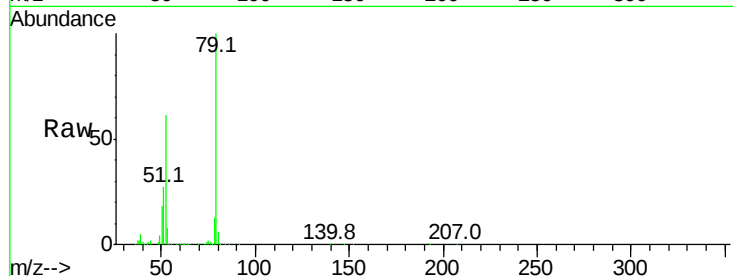
Tot Ion: 79 Resp: 289454

Ion Ratio Lower Upper

79 100

52 60.8 77.8 116.6#

51 26.8 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 42.06 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

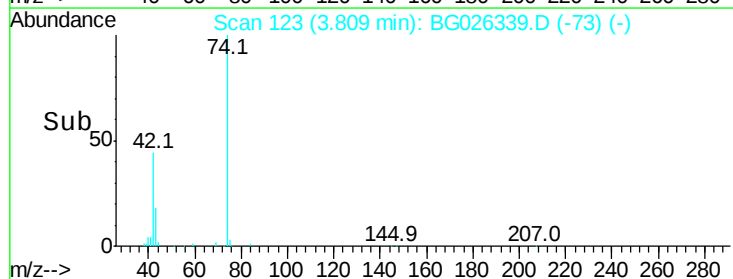
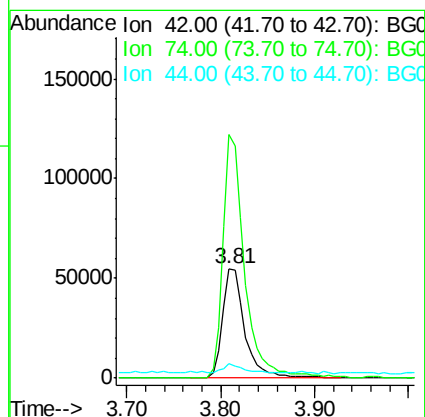
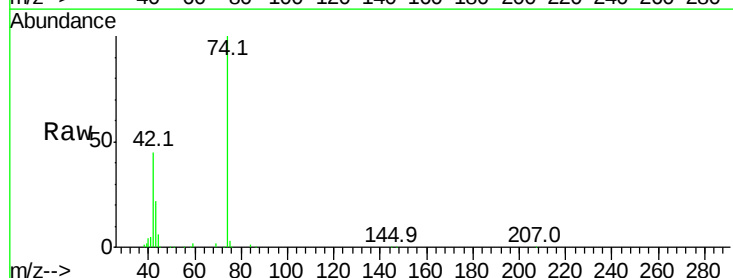
Tgt Ion: 42 Resp: 91082

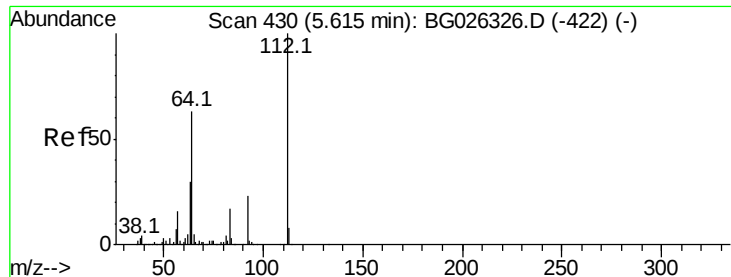
Ion Ratio Lower Upper

42 100

74 222.5 76.7 115.1#

44 13.4 6.1 9.1#





#5

2-Fluorophenol

Concen: 152.41 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

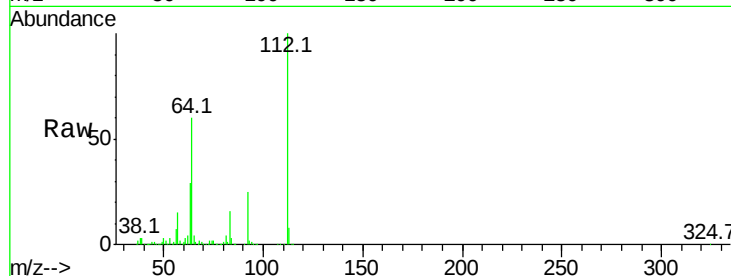
Tot Ion:112 Resp: 982444

Ion Ratio Lower Upper

112 100

64 60.0 61.8 92.6#

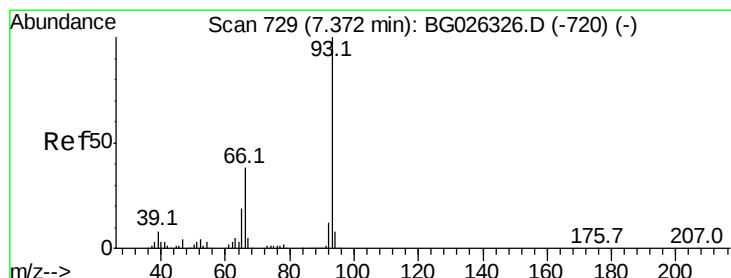
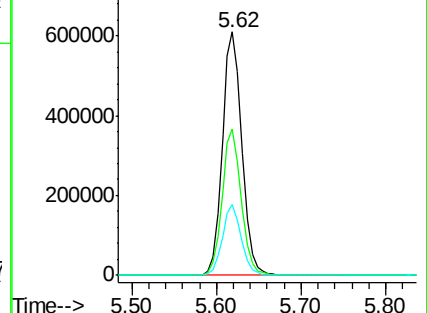
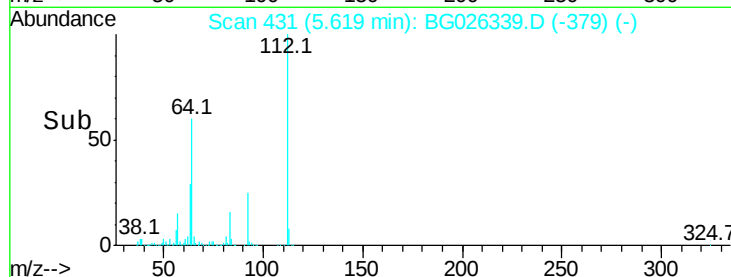
63 28.8 37.2 55.8#



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: 23.30 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

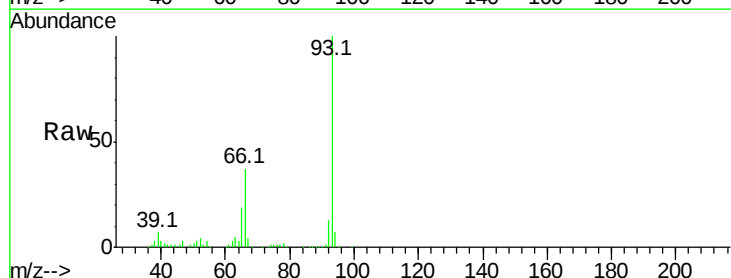
Tgt Ion: 93 Resp: 269334

Ion Ratio Lower Upper

93 100

66 36.6 35.4 53.2

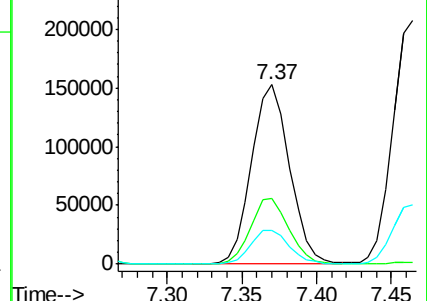
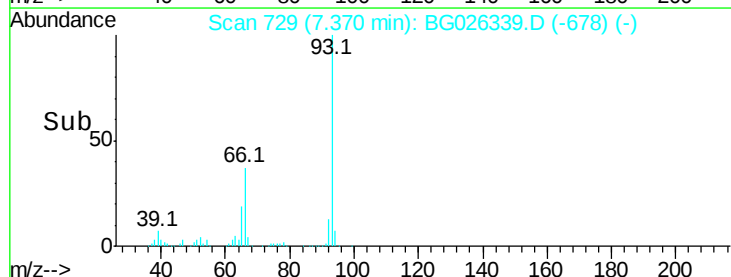
65 19.1 21.2 31.8#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 149.15 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

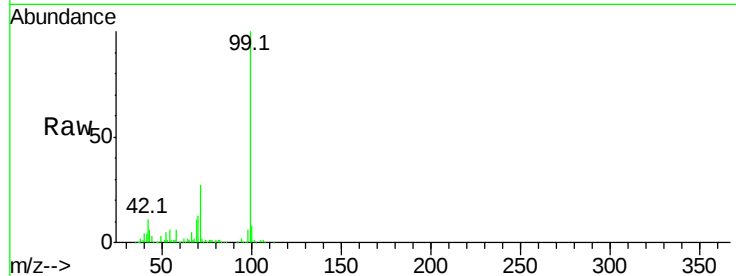
BNA_G

ClientSampleId :

PB97592BS

Tot Ion: 99 Resp: 1290738

Ion	Ratio	Lower	Upper
99	100		
42	11.1	20.5	30.7#
71	27.1	37.6	56.4#

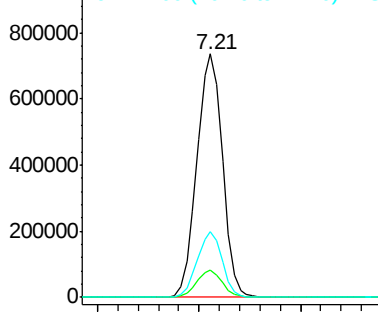


Abundance

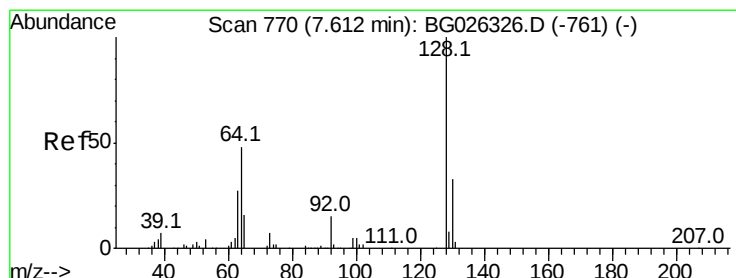
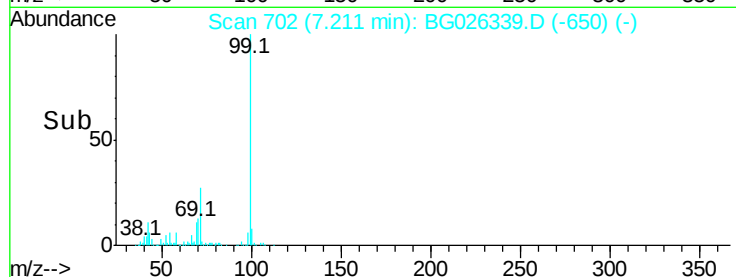
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 49.07 ng

RT: 7.61 min Scan# 770

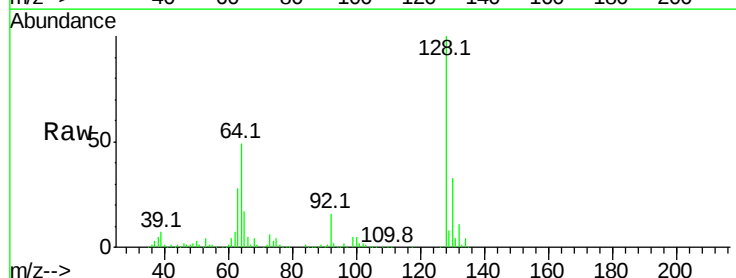
Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Tgt Ion: 128 Resp: 356164

Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.4	51.4
64	48.7	46.6	86.6

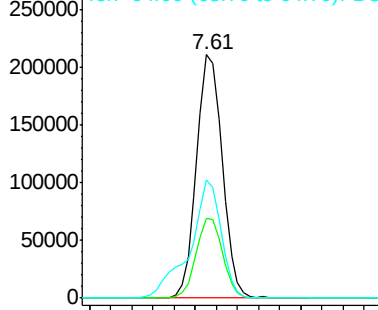


Abundance

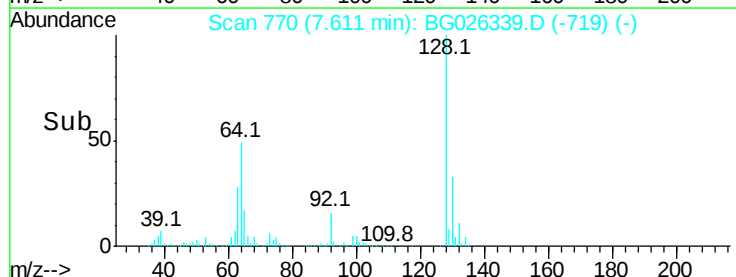
Ion 128.00 (127.70 to 128.70): BGC

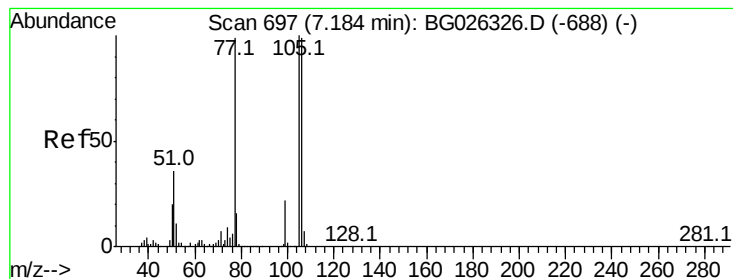
Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 26.09 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampled :

PB97592BS

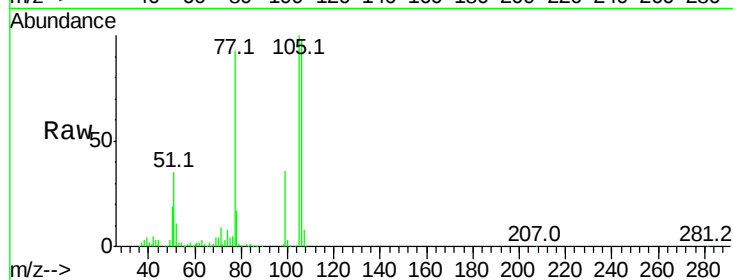
Tot Ion: 77 Resp: 152430

Ion Ratio Lower Upper

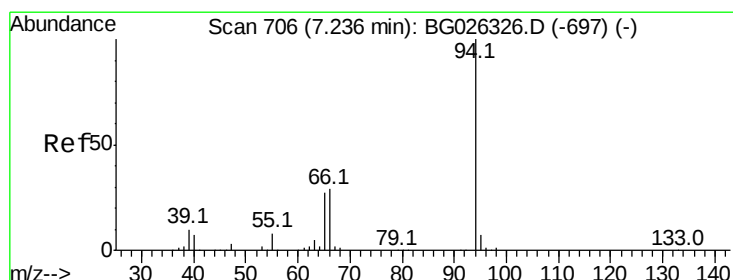
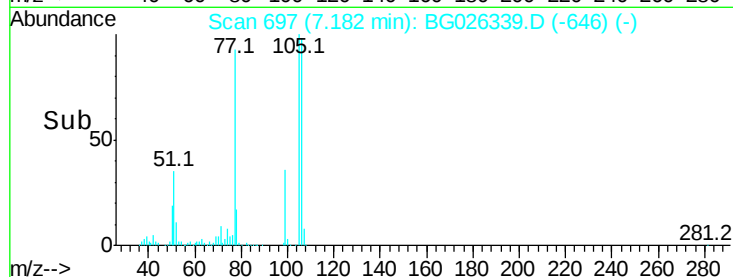
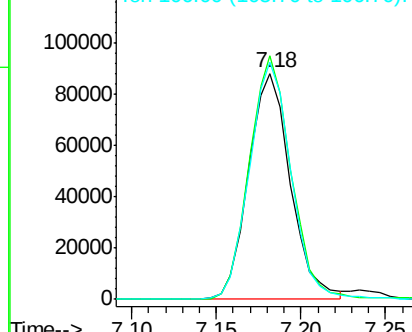
77 100

105 107.6 60.9 100.9#

106 105.0 55.1 95.1#



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



#10

Phenol

Concen: 48.94 ng

RT: 7.23 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

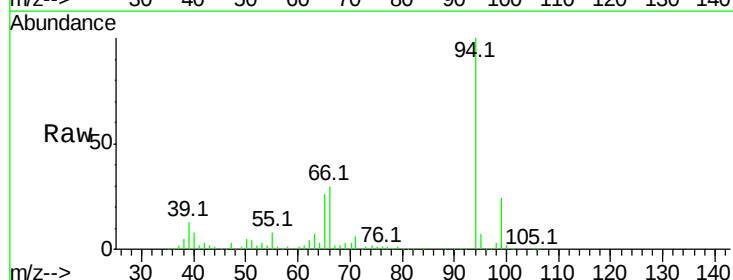
Tgt Ion: 94 Resp: 451995

Ion Ratio Lower Upper

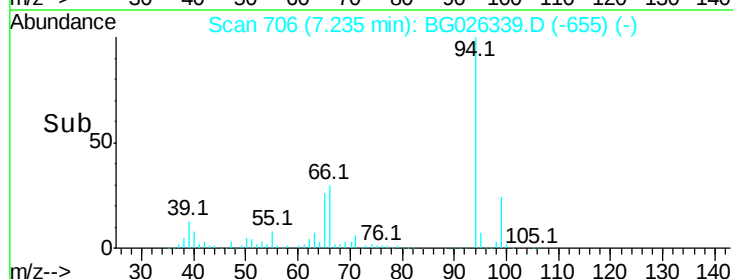
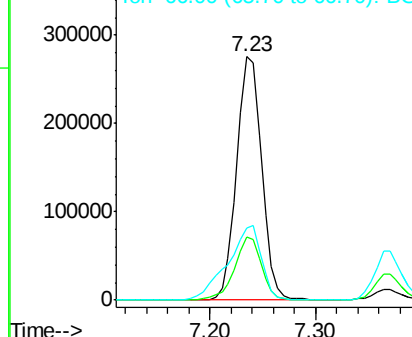
94 100

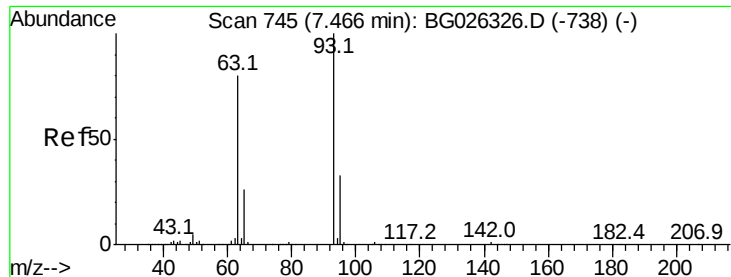
65 26.1 20.6 60.6

66 29.6 35.5 75.5#



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





#11

bis(2-Chloroethyl)ether

Concen: 43.35 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

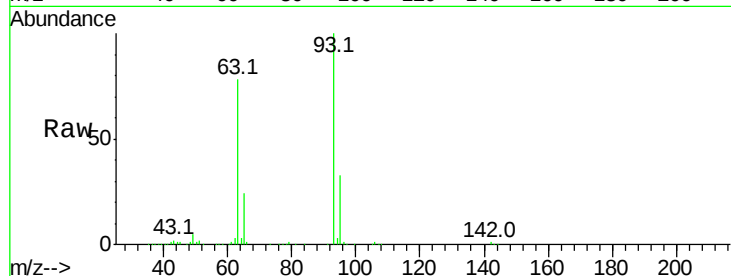
Tot Ion: 93 Resp: 328307

Ion Ratio Lower Upper

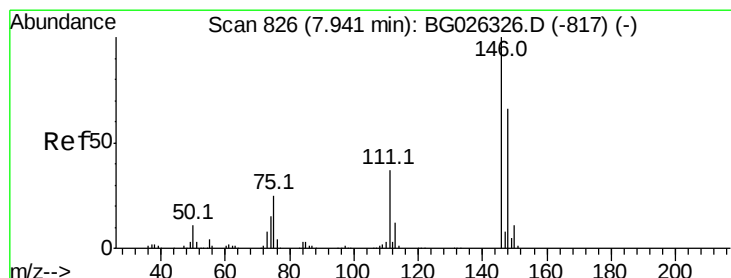
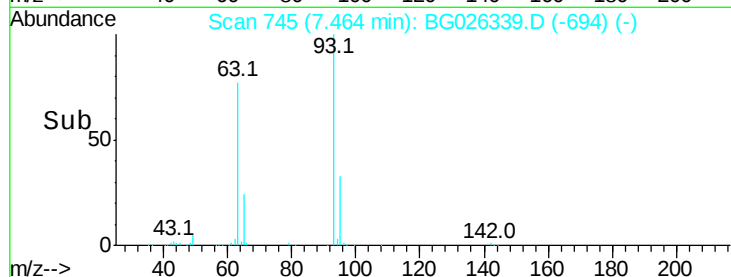
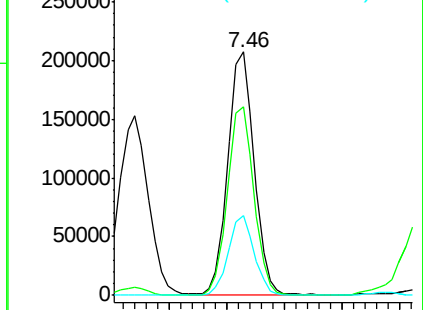
93 100

63 77.7 78.5 118.5#

95 32.8 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: 43.71 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

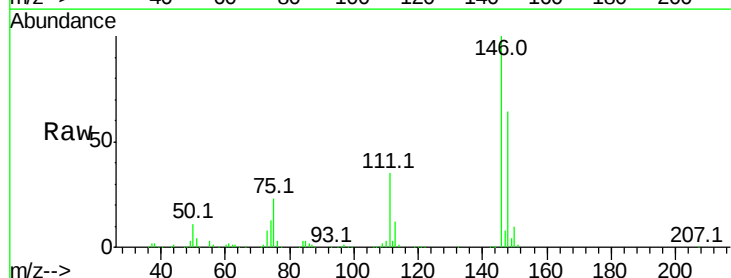
Tgt Ion: 146 Resp: 377684

Ion Ratio Lower Upper

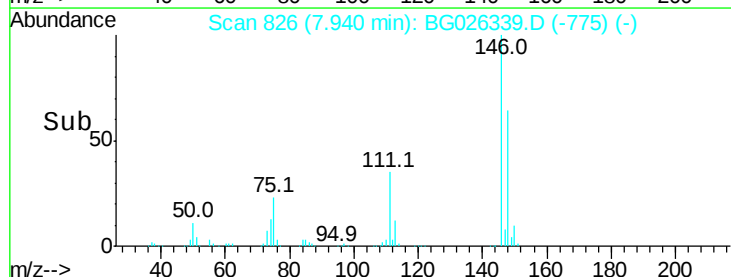
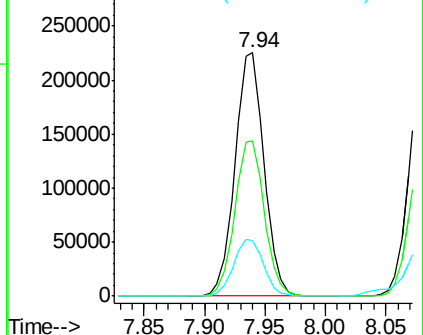
146 100

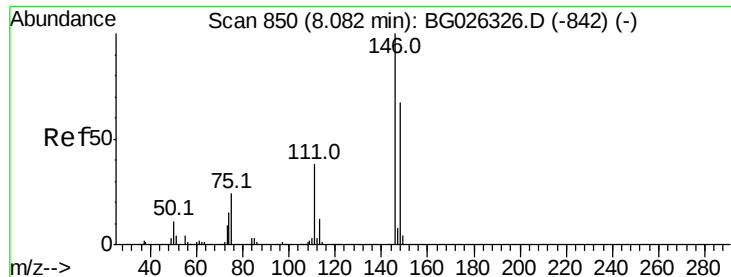
148 64.0 49.2 73.8

75 23.0 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

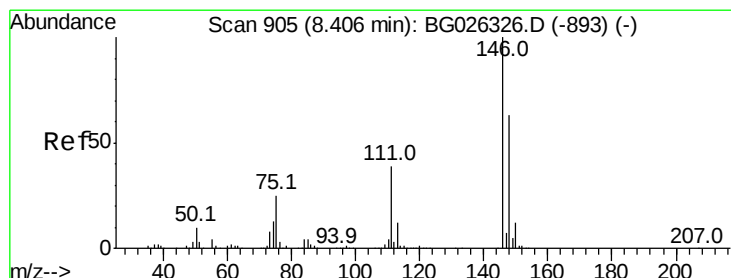
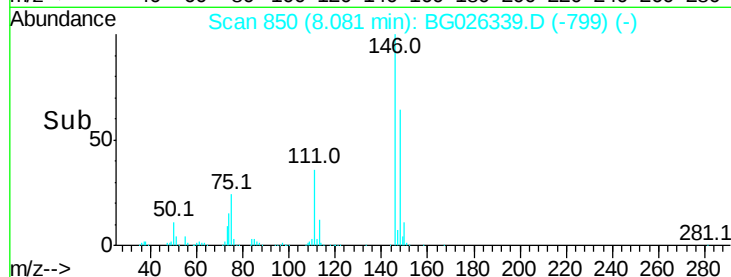
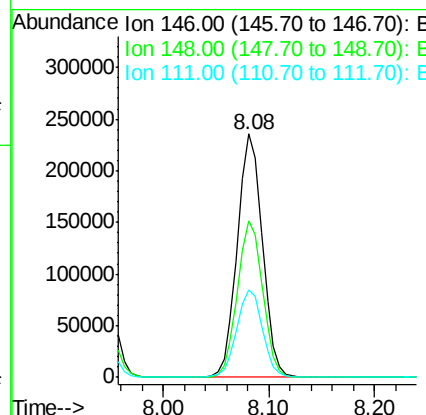
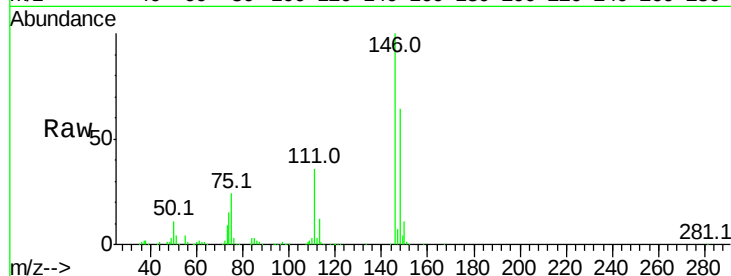




#13
 1,4-Dichlorobenzene
 Concen: 43.88 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

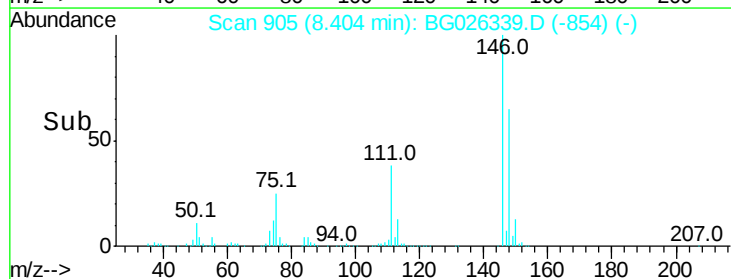
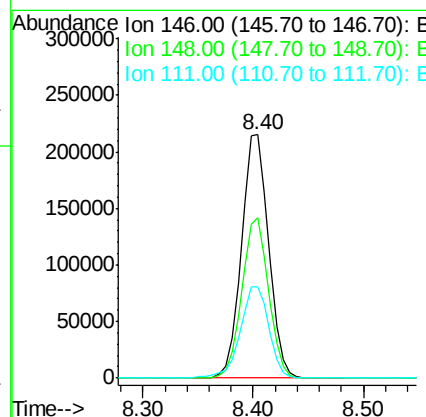
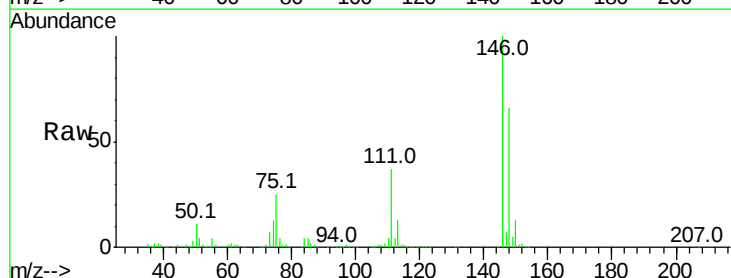
Instrument :
 BNA_G
 ClientSampleId :
 PB97592BS

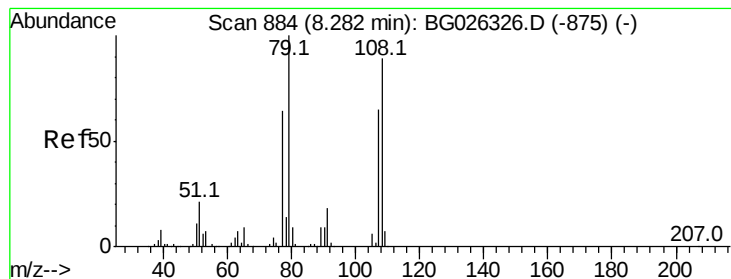
Tot Ion:146 Resp: 383487
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 36.0 37.0 55.6#



#14
 1,2-Dichlorobenzene
 Concen: 44.31 ng
 RT: 8.40 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

Tgt Ion:146 Resp: 370697
 Ion Ratio Lower Upper
 146 100
 148 65.8 54.6 81.8
 111 37.3 39.7 59.5#





#15

Benzyl Alcohol

Concen: 49.22 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

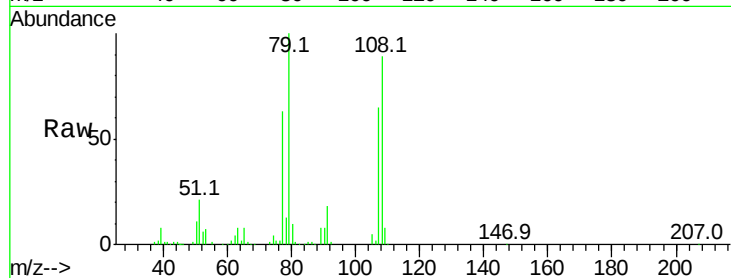
Tot Ion: 79 Resp: 279253

Ion Ratio Lower Upper

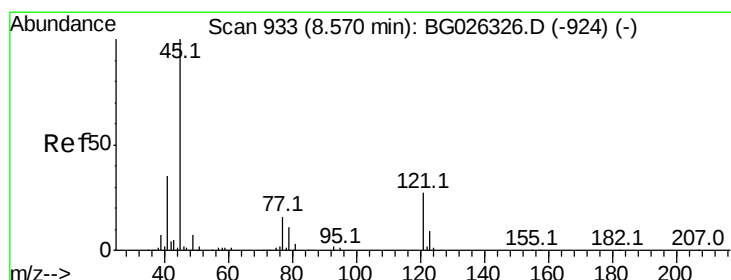
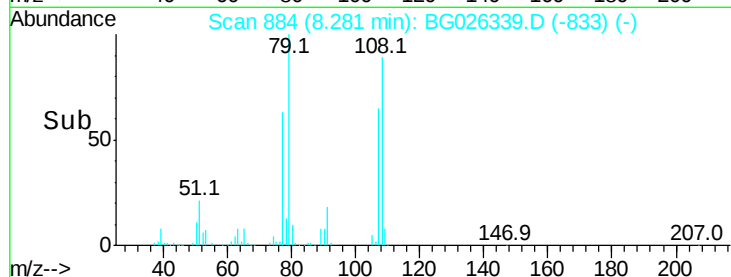
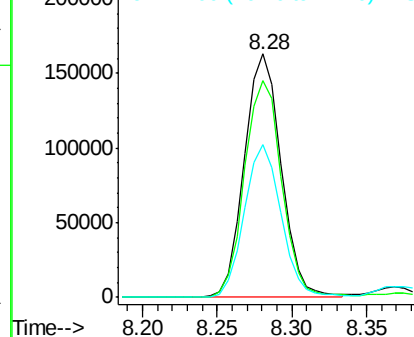
79 100

108 88.8 45.5 68.3#

77 62.9 54.3 81.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.40 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.01 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

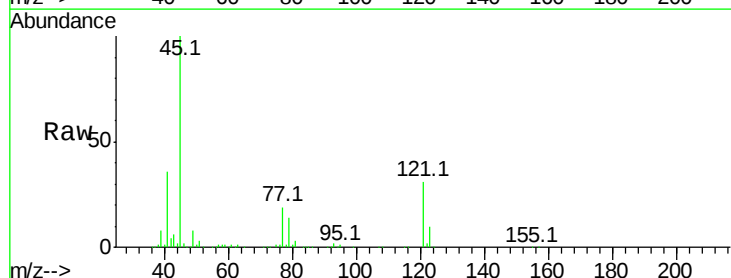
Tgt Ion: 45 Resp: 331339

Ion Ratio Lower Upper

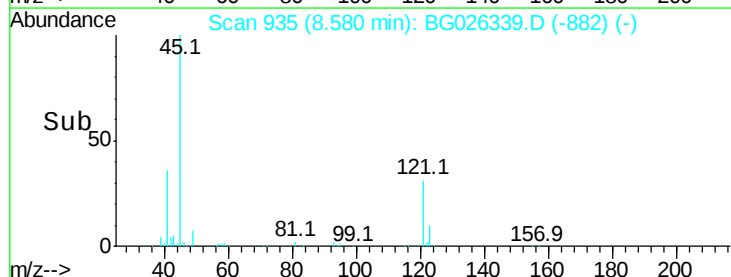
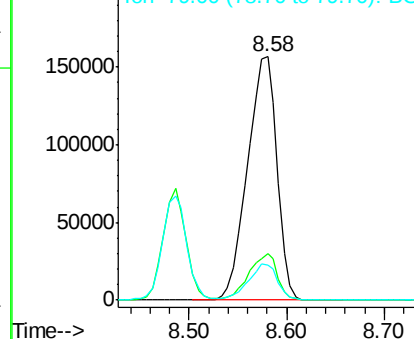
45 100

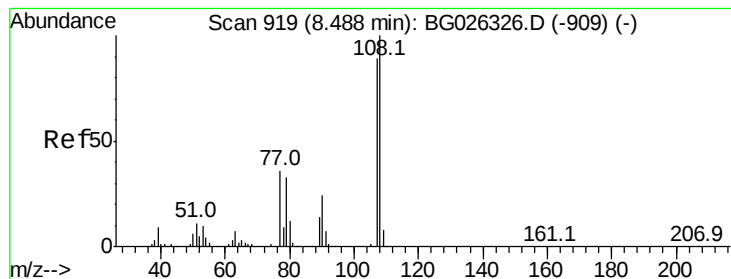
77 19.2 0.0 30.6

79 14.4 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

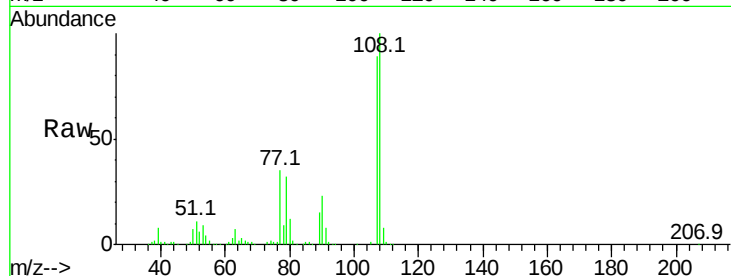




#17
2-Methylphenol
Concen: 47.18 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Instrument :
BNA_G
ClientSampleId :
PB97592BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	85.6	128.4
77	38.7	51.4	77.2#
79	35.8	49.2	73.8#



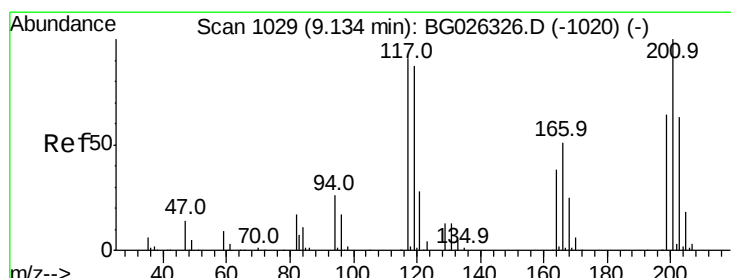
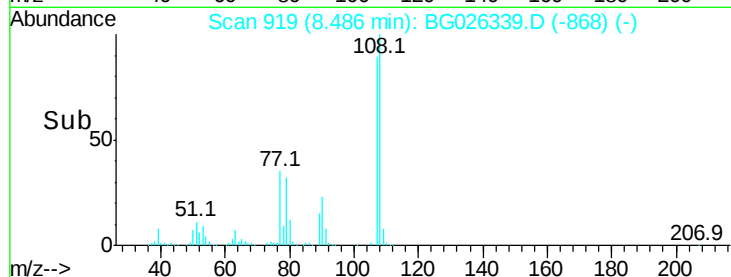
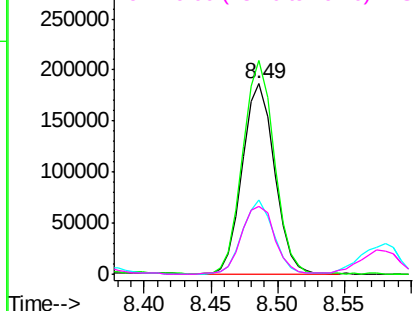
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

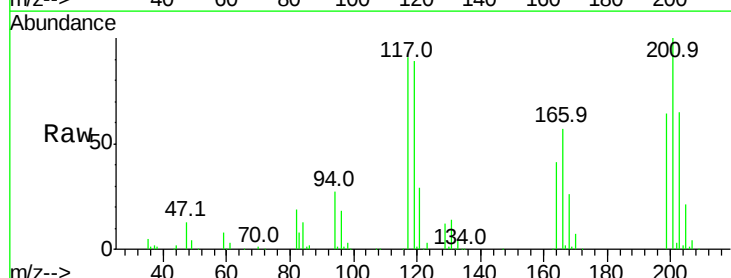
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.35 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	69.8	104.6
201	109.6	95.4	143.0

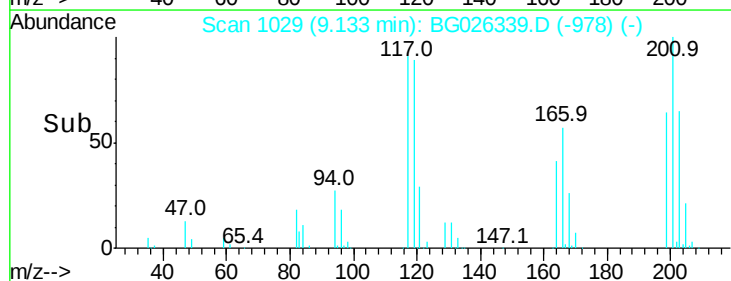
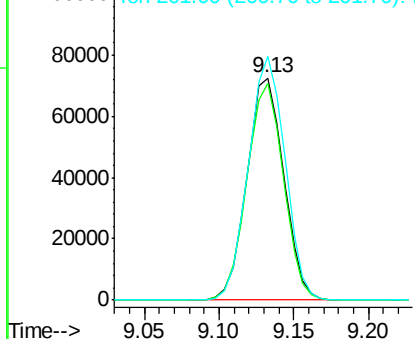


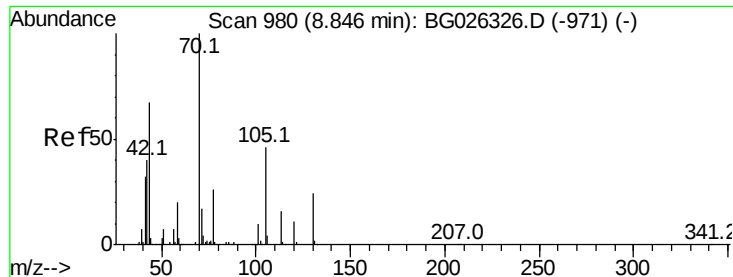
Abundance

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

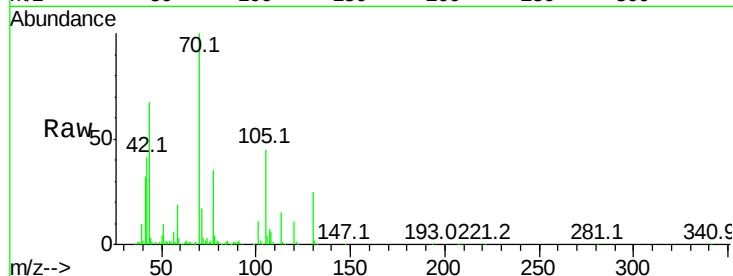




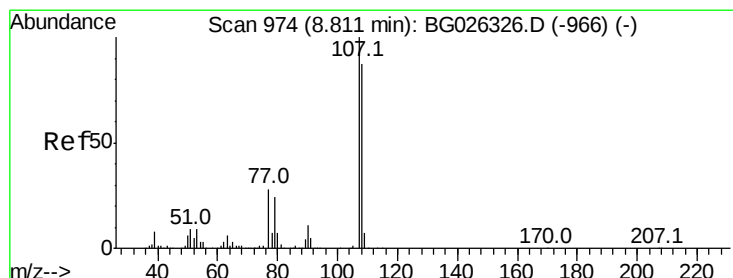
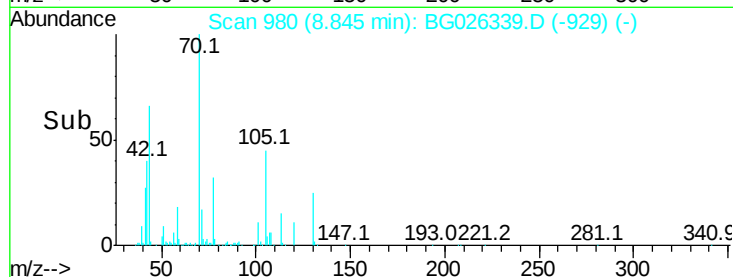
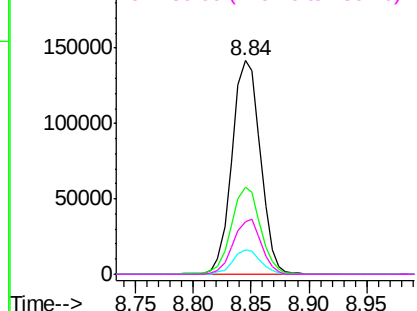
#19
n-Nitroso-di-n-propylamine
Concen: 43.44 ng
RT: 8.84 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Instrument :
BNA_G
ClientSampleId :
PB97592BS

Tot Ion: 70 Resp: 241688
Ion Ratio Lower Upper
70 100
42 40.8 56.1 84.1#
101 11.3 7.5 11.3#
130 24.6 14.6 21.8#

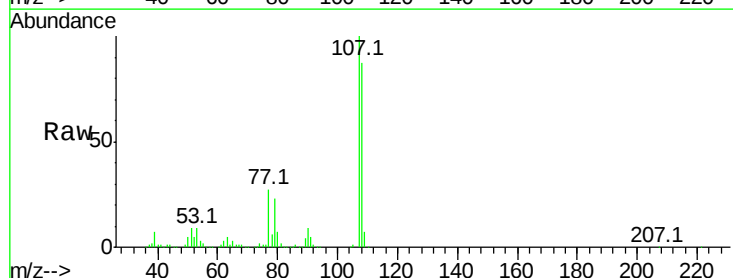


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

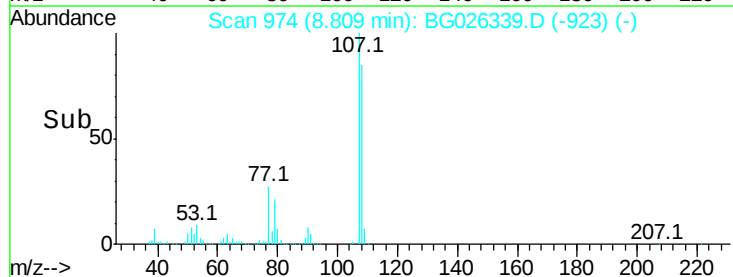
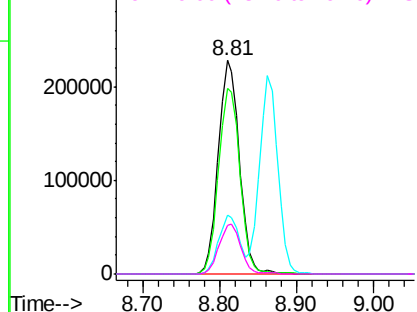


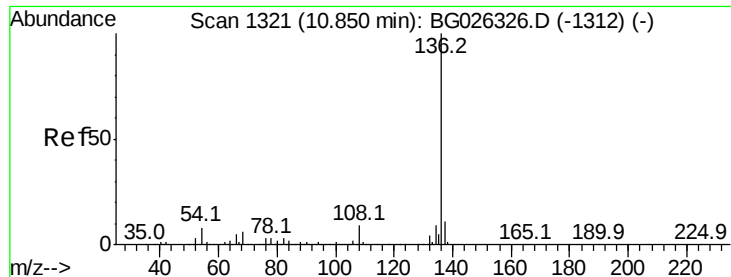
#20
3+4-Methylphenols
Concen: 47.89 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Tgt Ion: 107 Resp: 432446
Ion Ratio Lower Upper
107 100
108 87.0 70.8 110.8
77 27.3 25.8 65.8
79 22.9 20.1 60.1



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

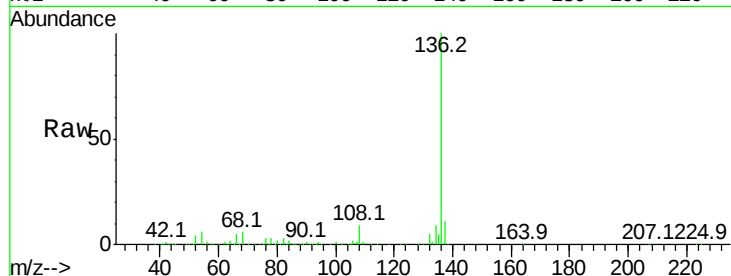




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Instrument :
BNA_G
ClientSampleId :
PB97592BS

Tot Ion:136	Resp:	490755
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.2	9.3 13.9#
68	6.4	5.1 7.7



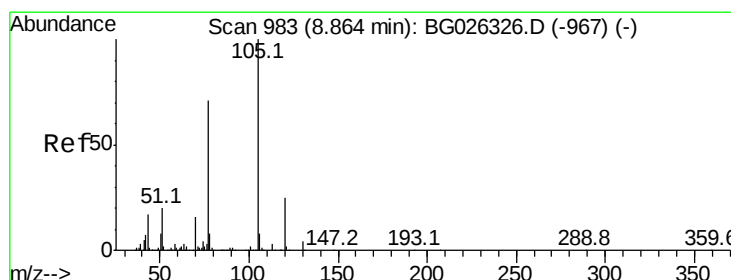
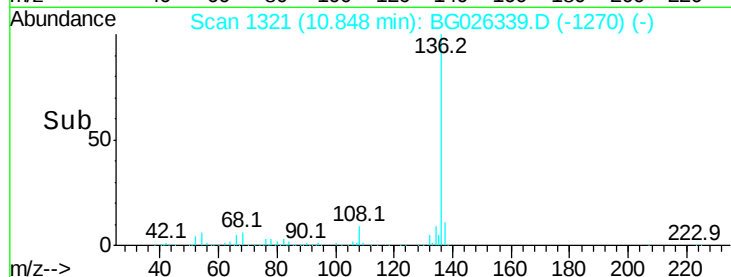
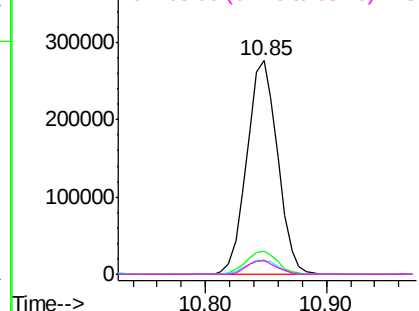
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

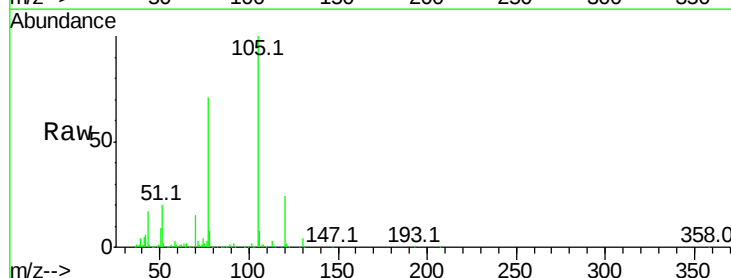
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 44.58 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Tgt Ion:105	Resp:	503159
Ion Ratio	Lower	Upper
105	100	
71	2.5	0.9 1.3#
51	20.2	34.0 51.0#
120	24.3	17.3 25.9



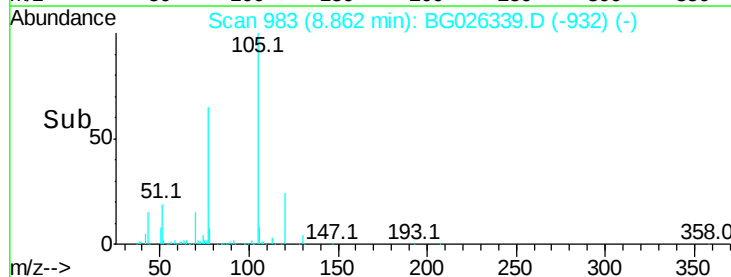
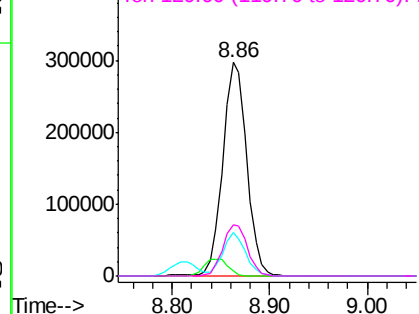
Abundance

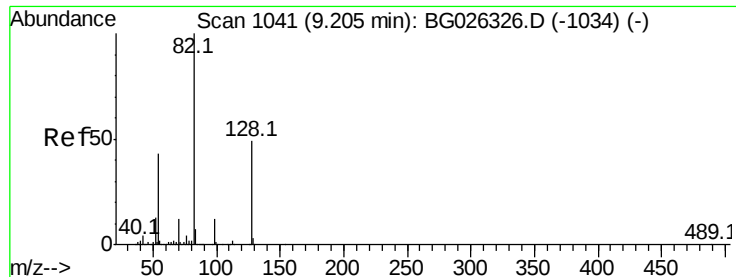
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 85.12 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

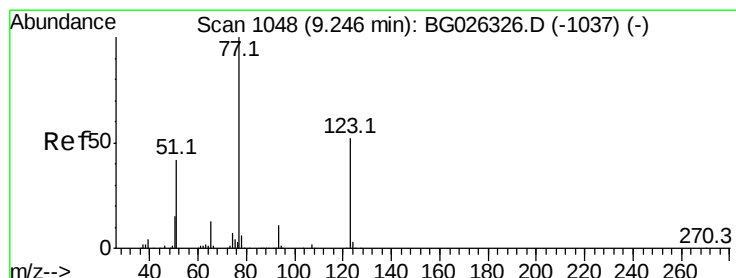
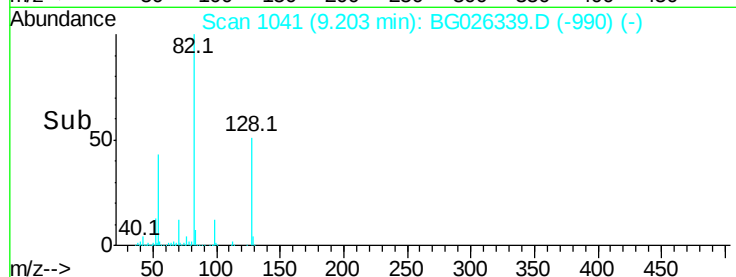
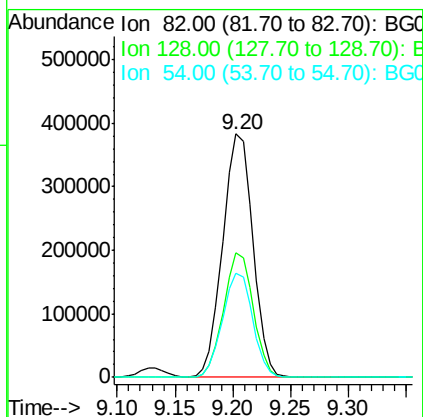
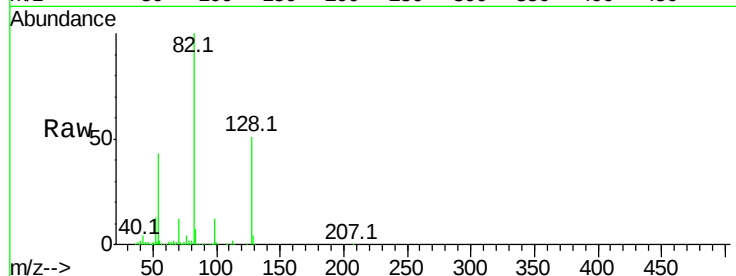
Tot Ion: 82 Resp: 694739

Ion Ratio Lower Upper

82 100

128 50.9 26.4 39.6#

54 42.6 49.4 74.2#



#24

Nitrobenzene

Concen: 43.68 ng

RT: 9.24 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

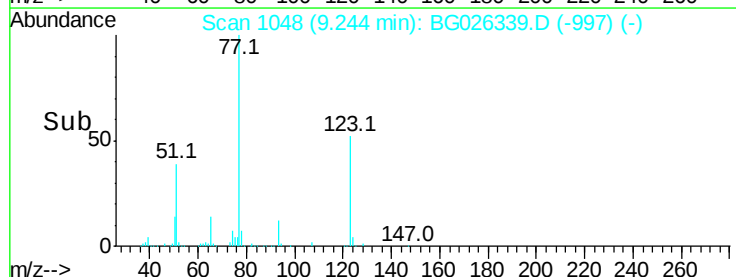
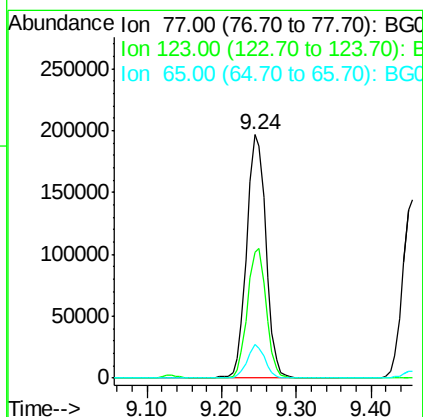
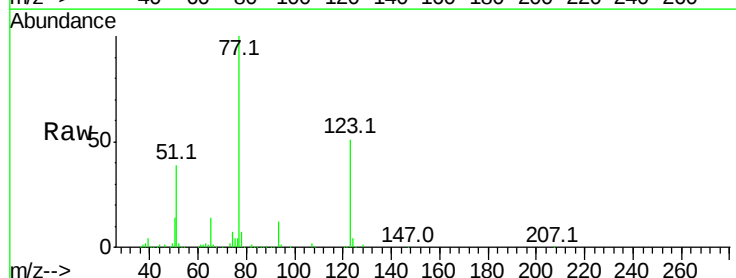
Tgt Ion: 77 Resp: 352015

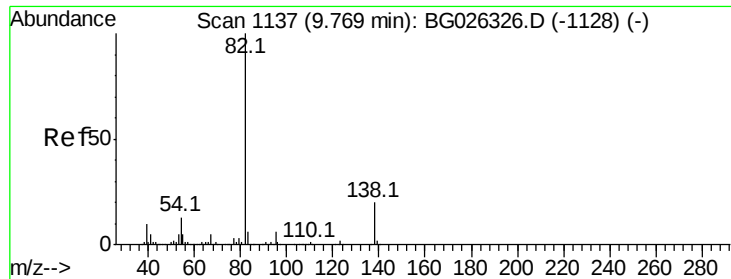
Ion Ratio Lower Upper

77 100

123 51.5 26.1 39.1#

65 13.6 12.4 18.6





#25

Isophorone

Concen: 44.46 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampled :

PB97592BS

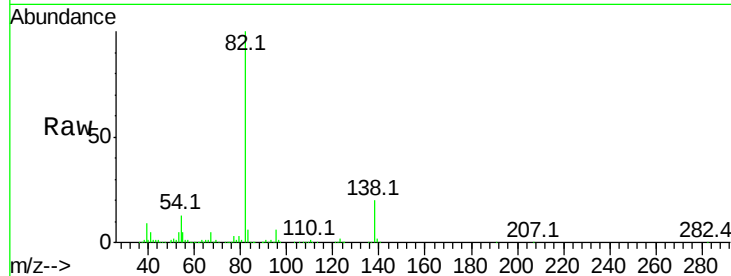
Tot Ion: 82 Resp: 683984

Ion Ratio Lower Upper

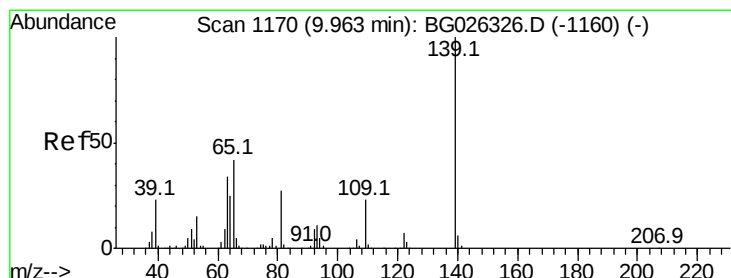
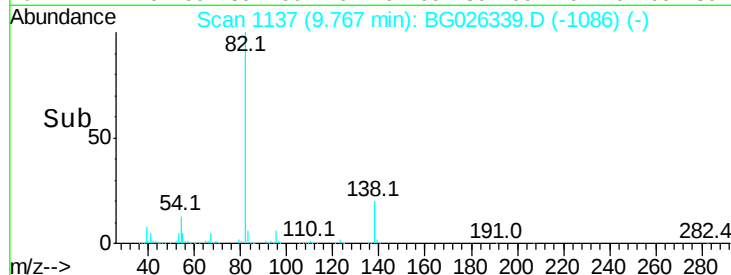
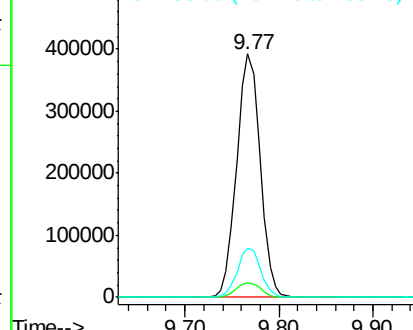
82 100

95 6.0 7.5 11.3#

138 20.4 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: 48.45 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

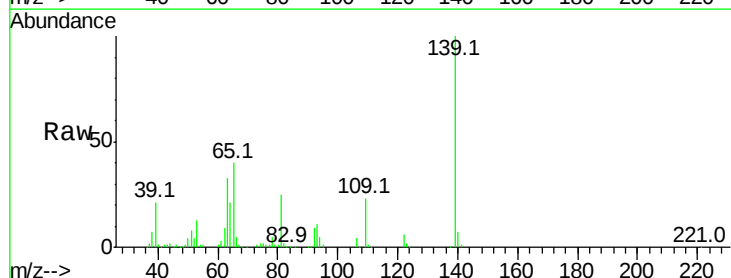
Tgt Ion: 139 Resp: 203164

Ion Ratio Lower Upper

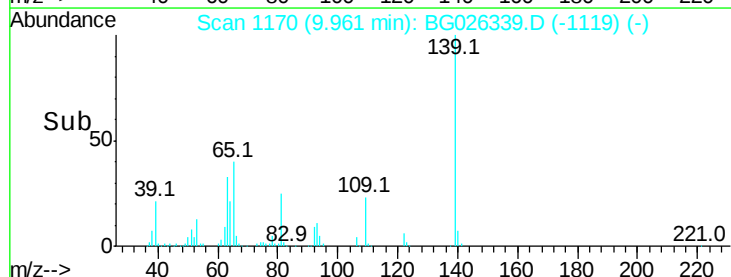
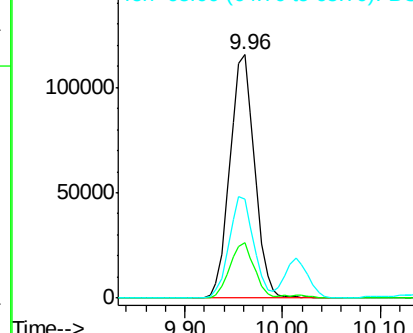
139 100

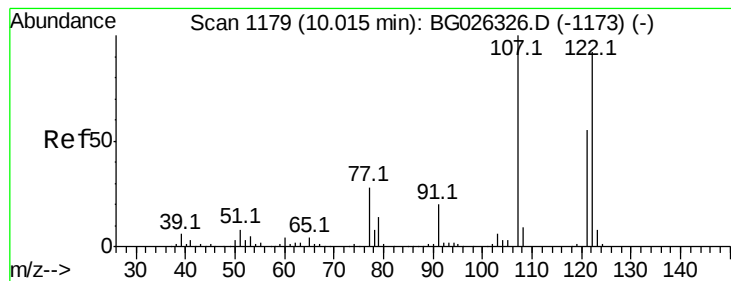
109 22.6 38.6 58.0#

65 40.4 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: 50.56 ng

RT: 10.01 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

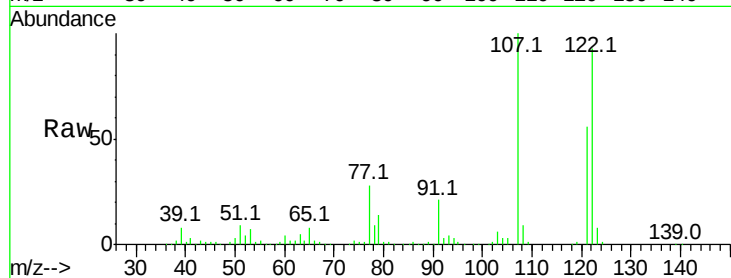
Tot Ion:122 Resp: 348009

Ion Ratio Lower Upper

122 100

107 108.0 104.2 156.4

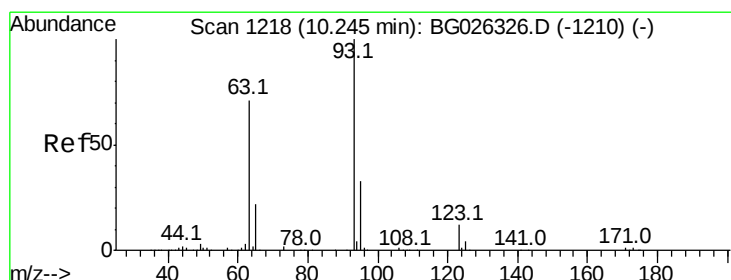
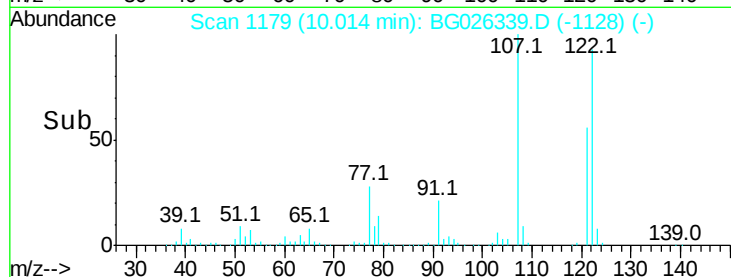
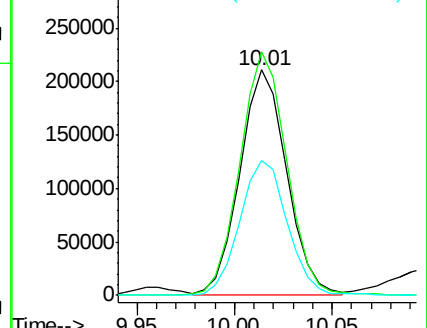
121 60.0 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.34 ng

RT: 10.24 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

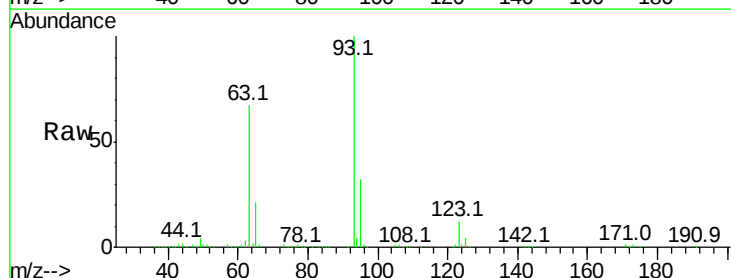
Tgt Ion: 93 Resp: 443107

Ion Ratio Lower Upper

93 100

95 32.1 25.7 38.5

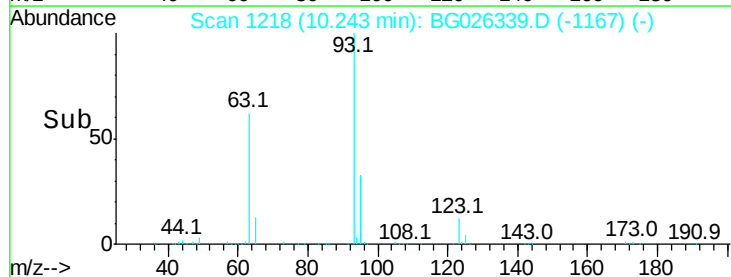
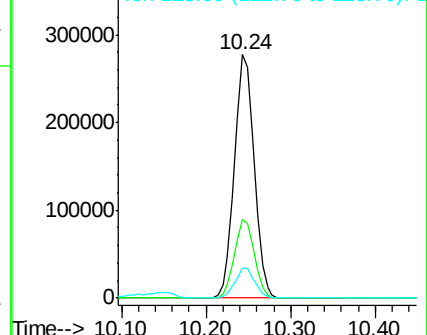
123 12.1 8.3 12.5

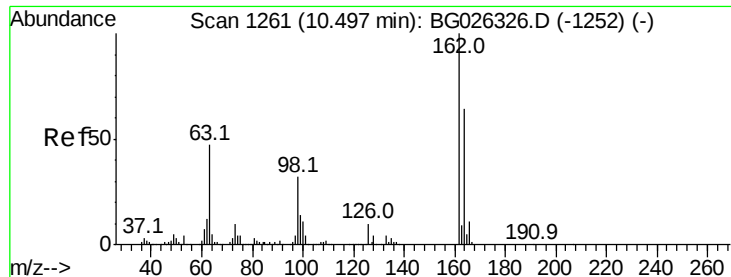


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

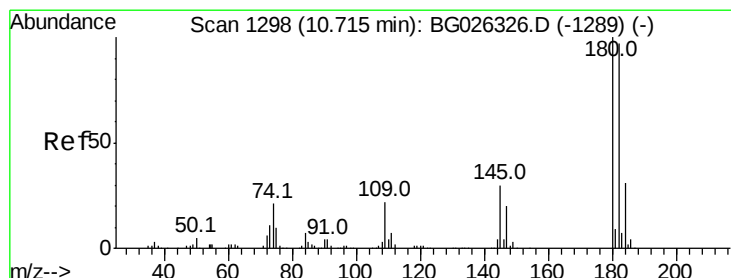
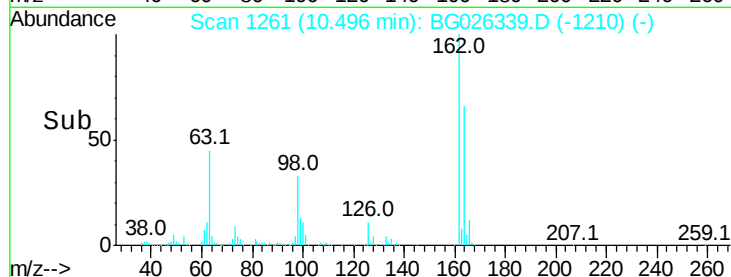
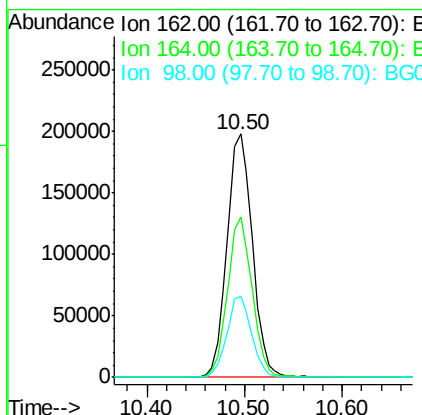
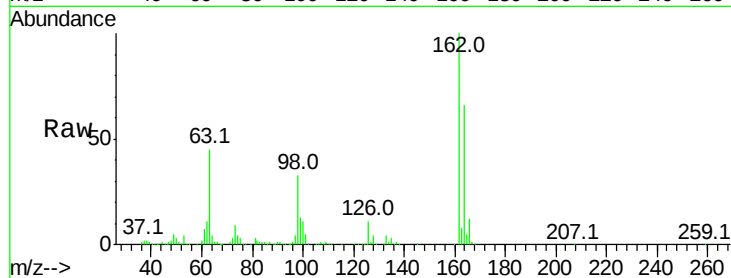




#29
 2,4-Dichlorophenol
 Concen: 51.51 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

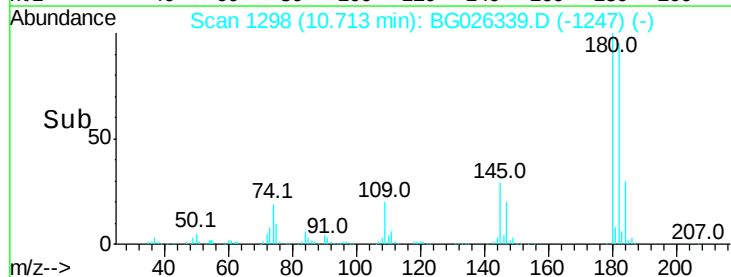
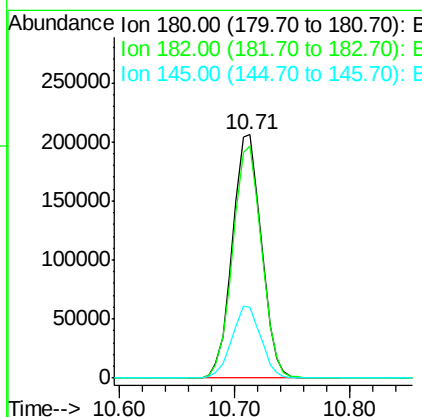
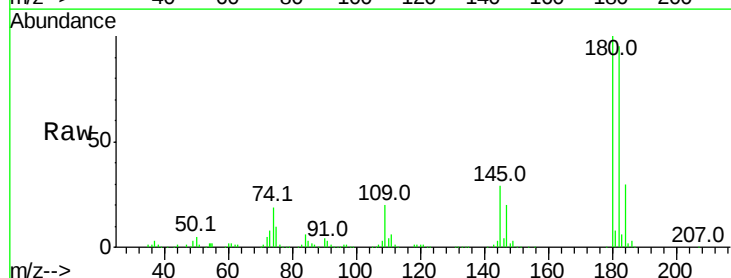
Instrument :
 BNA_G
 ClientSampleId :
 PB97592BS

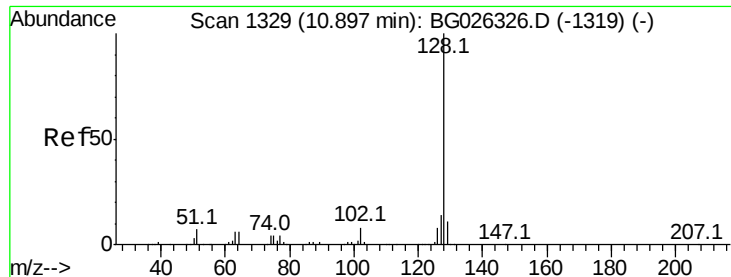
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	42.4	82.4
98	33.2	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 45.91 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.0	115.4
145	28.9	23.4	35.0

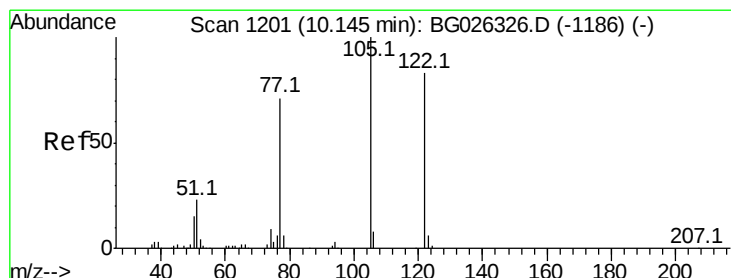
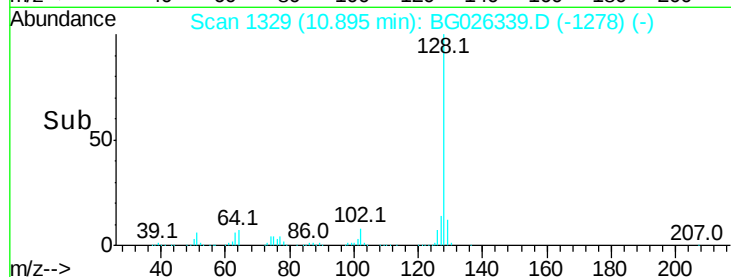
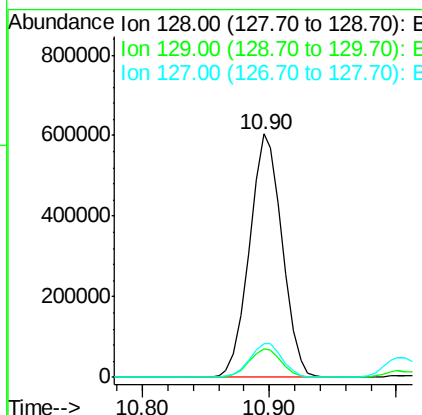
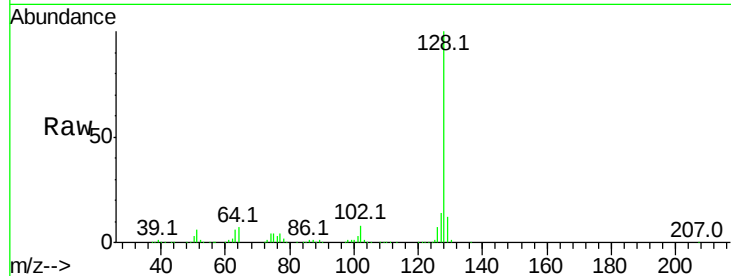




#31
Naphthalene
Concen: 43.61 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

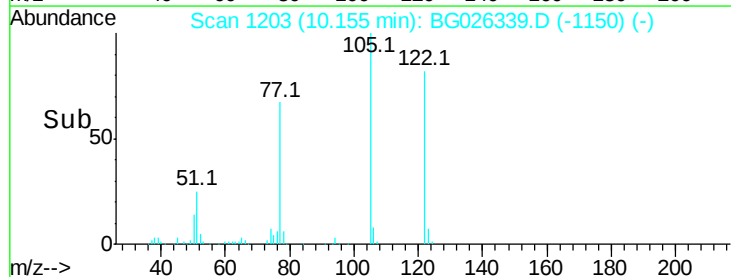
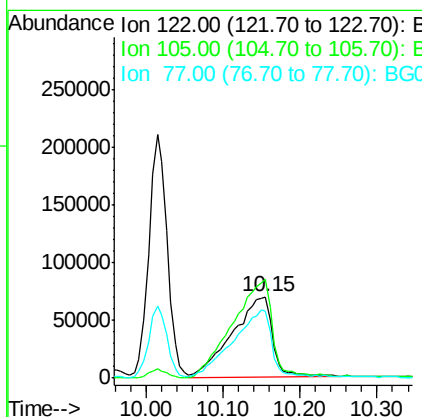
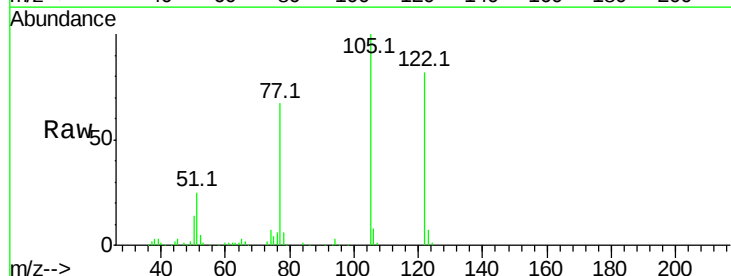
Instrument :
BNA_G
ClientSampleId :
PB97592BS

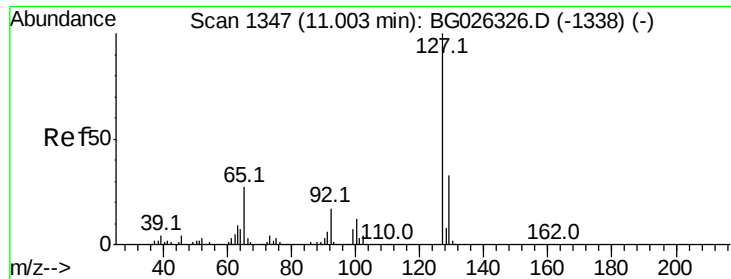
Tot Ion:128 Resp: 1082157
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 47.56 ng
RT: 10.15 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Tgt Ion:122 Resp: 251886
Ion Ratio Lower Upper
122 100
105 121.7 120.1 160.1
77 82.0 104.6 144.6#

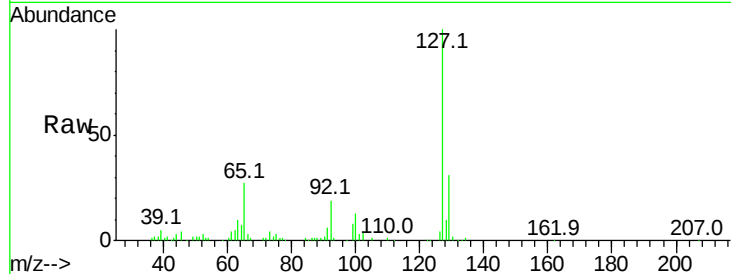




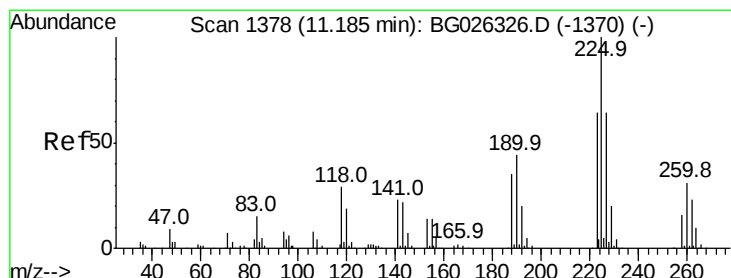
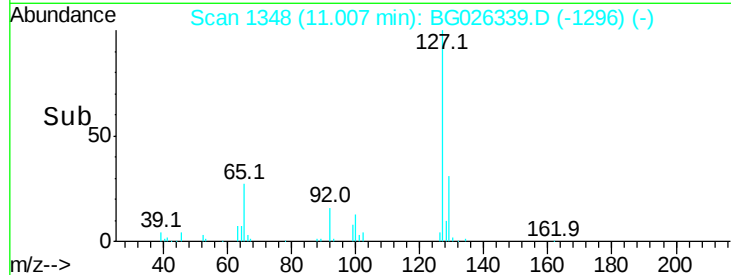
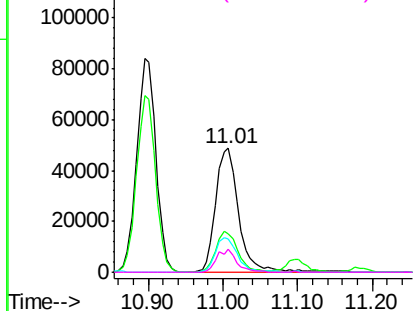
#33
4-Chloroaniline
Concen: 10.42 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Instrument :
BNA_G
ClientSampleId :
PB97592BS

Tot Ion:127 Resp: 105117
Ion Ratio Lower Upper
127 100
129 31.3 23.6 35.4
65 26.8 37.7 56.5#
92 18.9 17.6 26.4

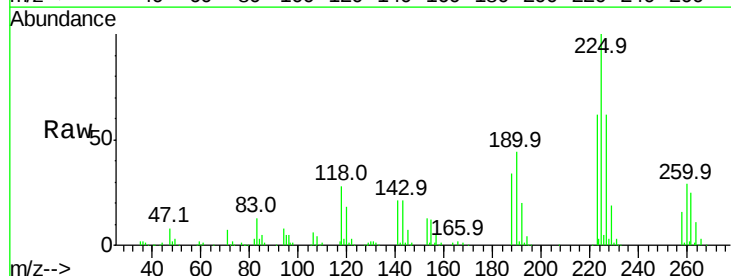


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

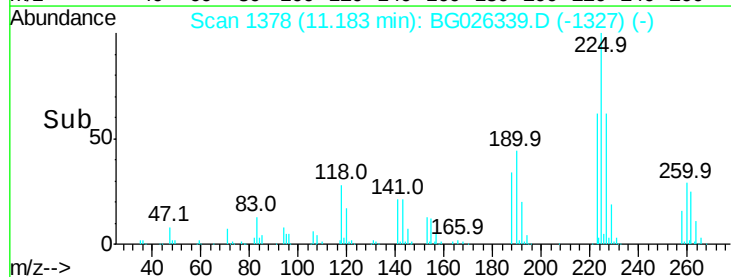
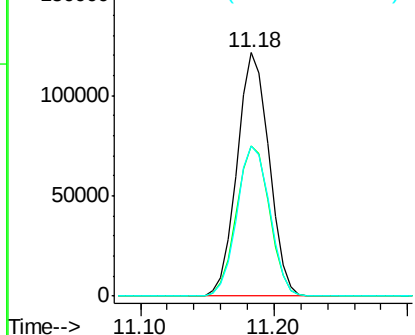


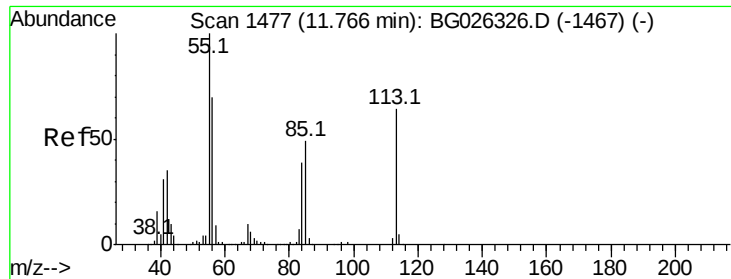
#34
Hexachlorobutadiene
Concen: 43.63 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Tgt Ion:225 Resp: 201297
Ion Ratio Lower Upper
225 100
223 61.7 50.7 76.1
227 61.6 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: 21.89 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

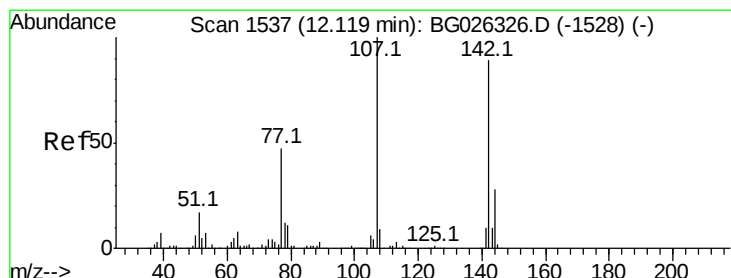
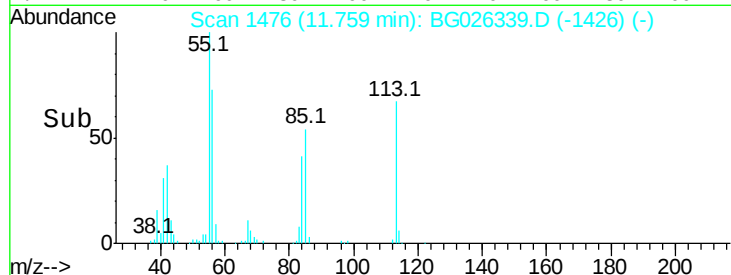
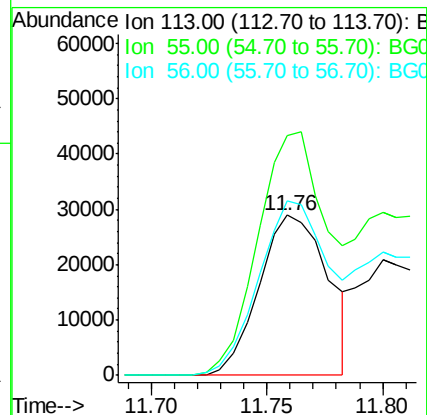
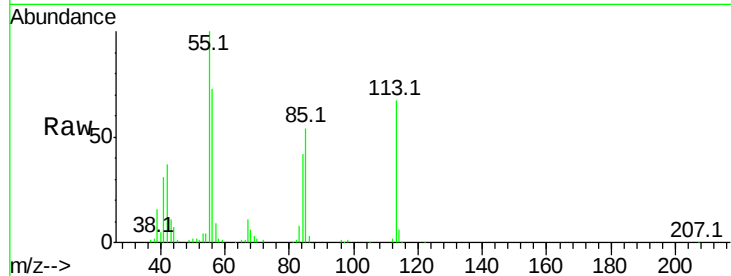
Tot Ion:113 Resp: 60045

Ion Ratio Lower Upper

113 100

55 149.9 198.6 238.6#

56 109.4 140.4 180.4#



#36

4-Chloro-3-methylphenol

Concen: 50.16 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

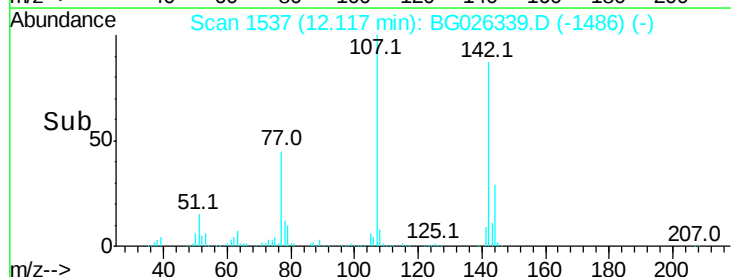
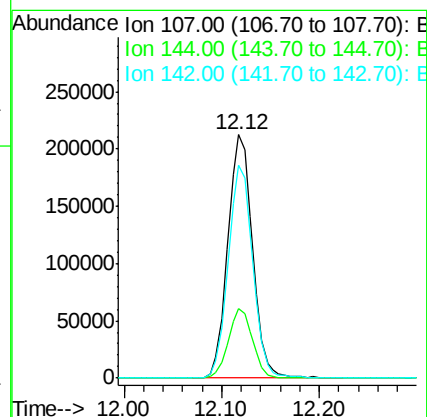
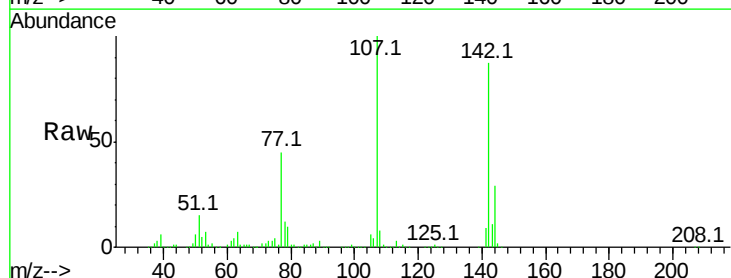
Tgt Ion:107 Resp: 373526

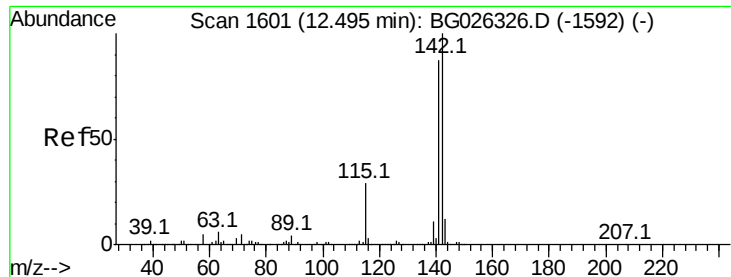
Ion Ratio Lower Upper

107 100

144 28.7 17.4 26.0#

142 87.3 54.1 81.1#

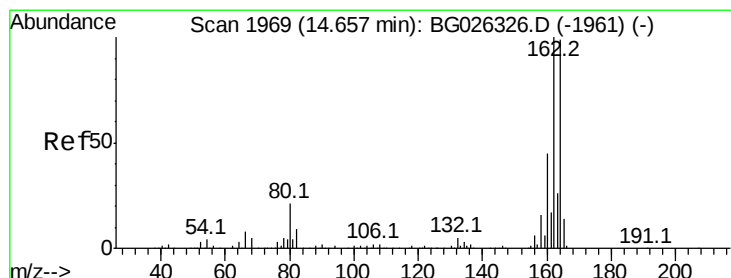
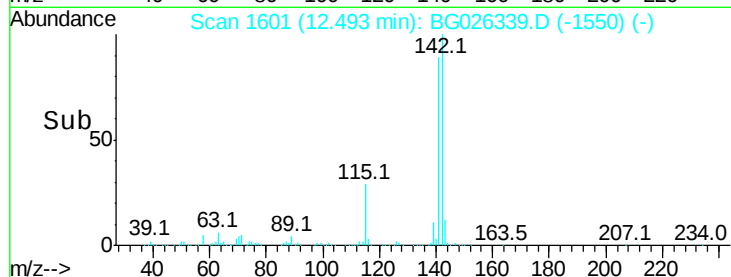
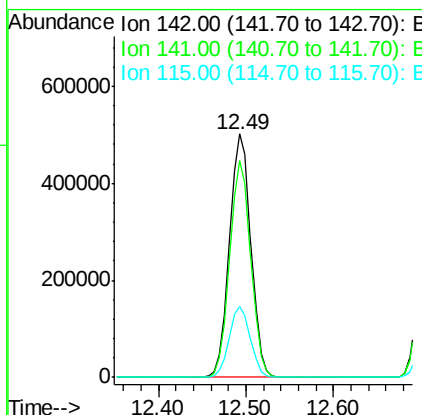
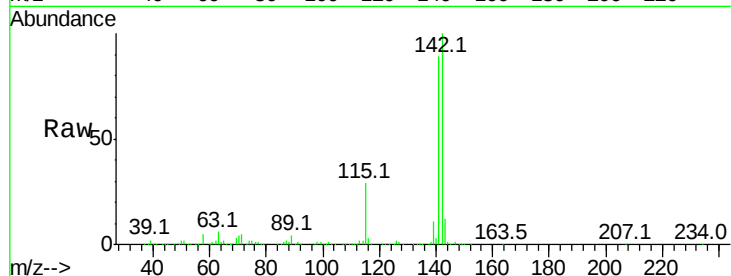




#37
2-Methylnaphthalene
Concen: 45.92 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

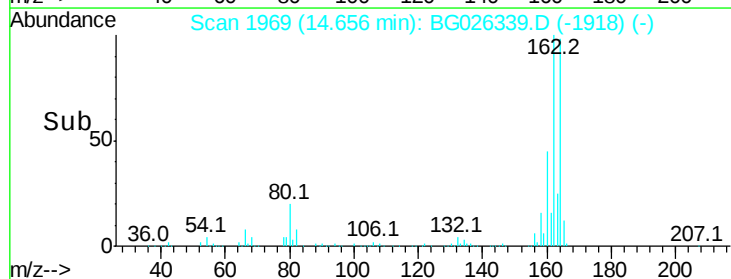
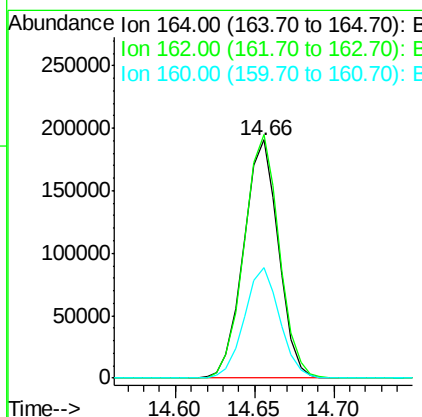
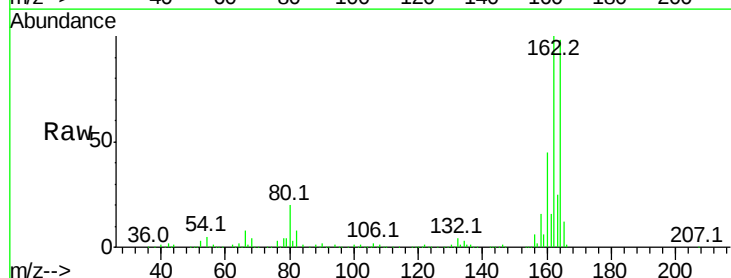
Instrument :
BNA_G
ClientSampleId :
PB97592BS

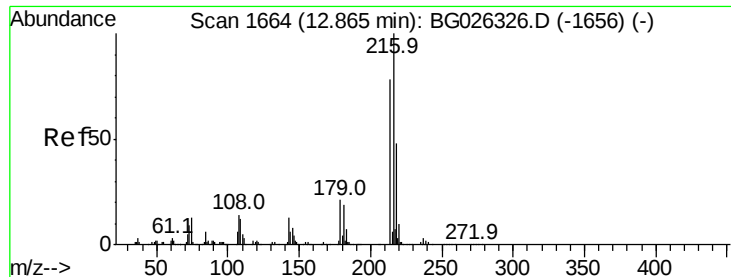
Tot Ion:142 Resp: 834685
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6
115 29.3 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Tgt Ion:164 Resp: 289878
Ion Ratio Lower Upper
164 100
162 102.3 85.1 127.7
160 46.5 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.47 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

Tot Ion:216 Resp: 379128

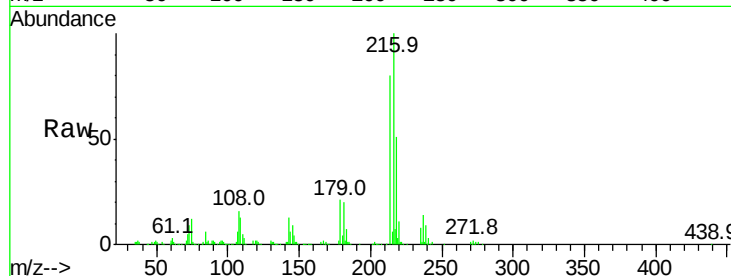
Ion Ratio Lower Upper

216 100

214 79.6 64.4 96.6

179 21.0 17.4 26.0

108 18.7 15.6 23.4

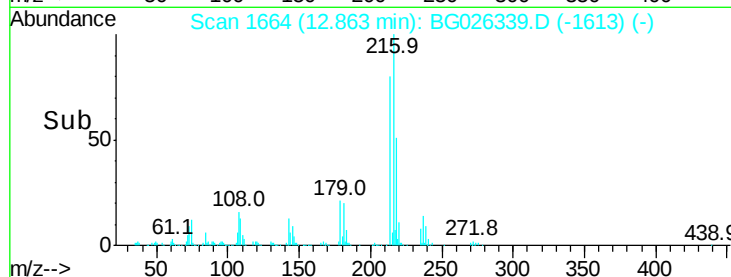


Abundance Ion 216.00 (215.70 to 216.70): E

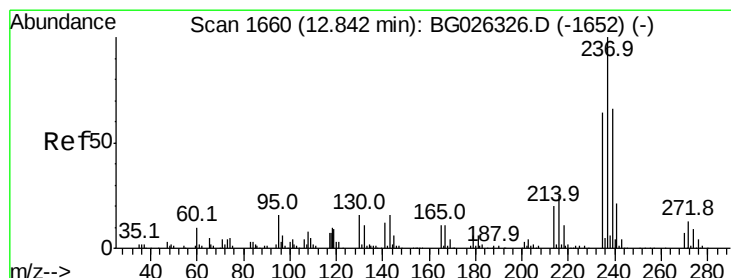
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 99.56 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

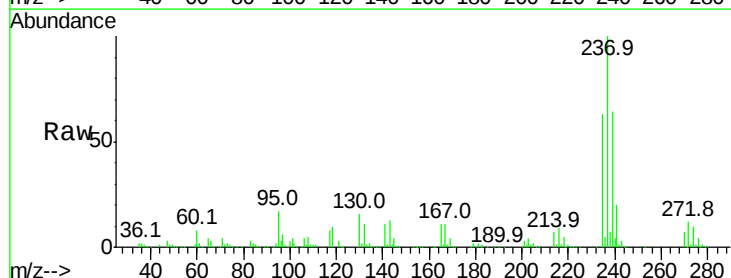
Tgt Ion:237 Resp: 457084

Ion Ratio Lower Upper

237 100

235 62.8 39.4 79.4

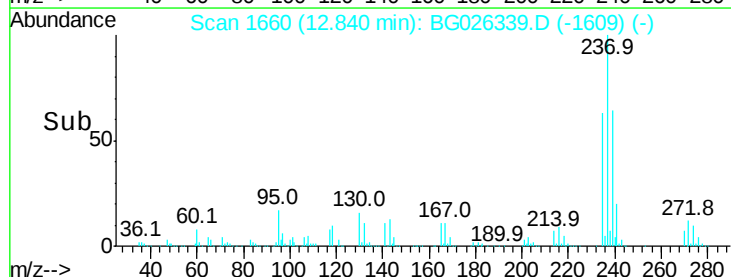
272 12.4 0.0 32.0



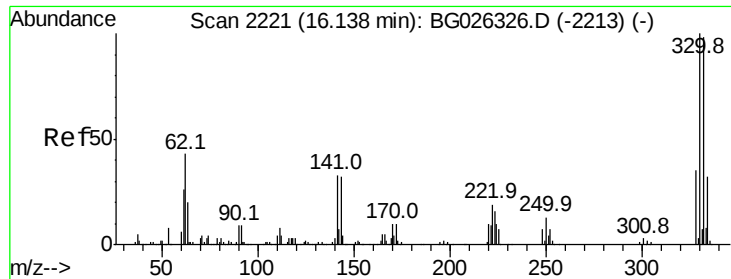
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



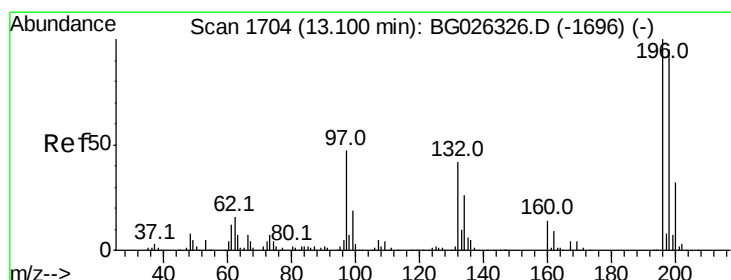
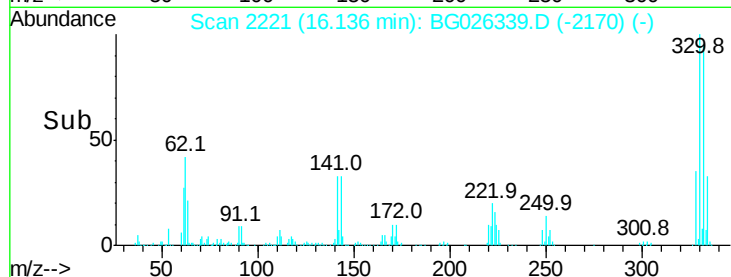
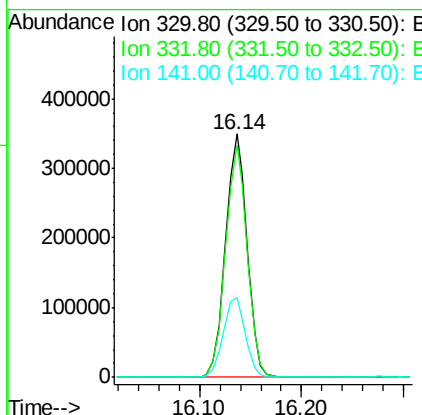
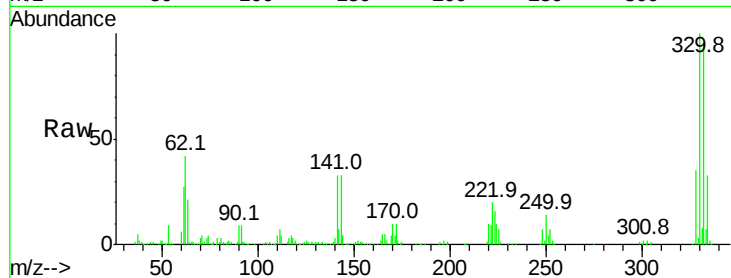
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 154.90 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

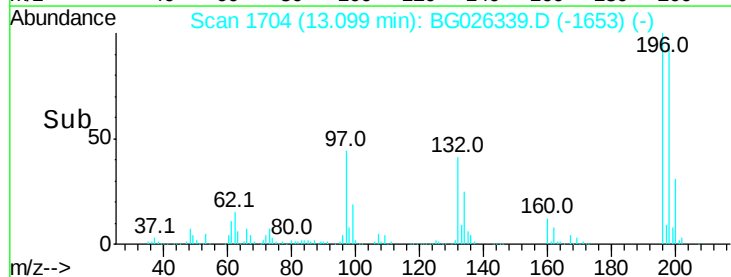
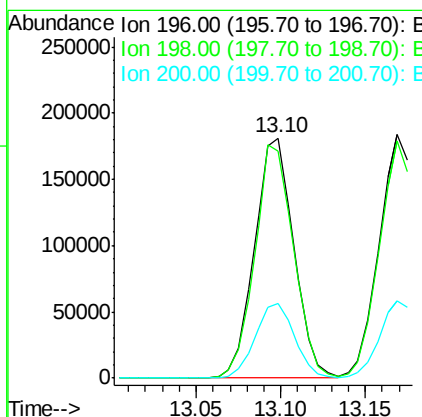
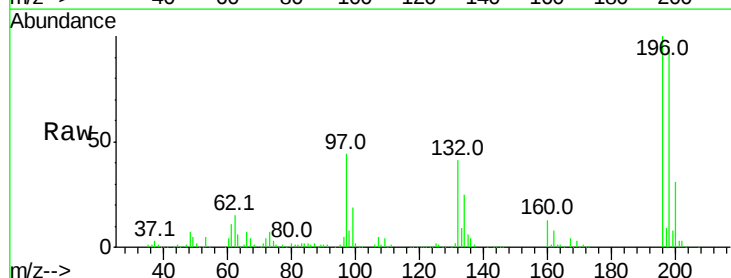
Instrument :
 BNA_G
 ClientSampleId :
 PB97592BS

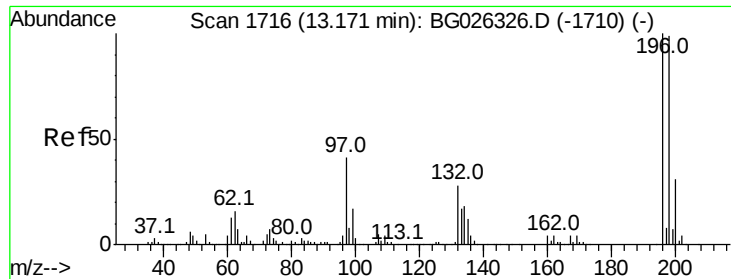
Tot Ion:330 Resp: 514212
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 33.9 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 50.94 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

Tgt Ion:196 Resp: 290900
 Ion Ratio Lower Upper
 196 100
 198 94.5 81.4 122.2
 200 30.8 27.0 40.6

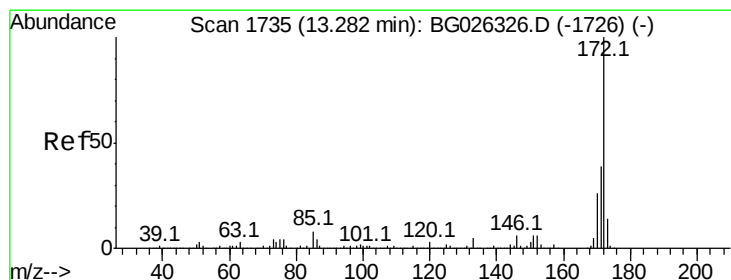
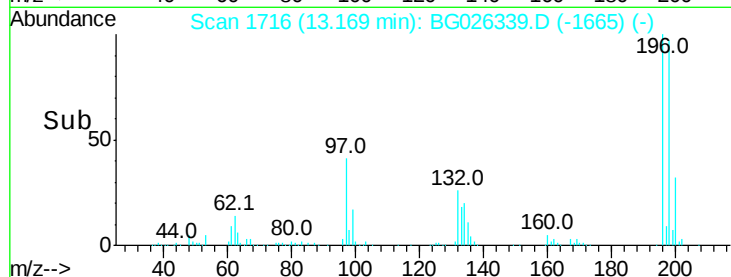
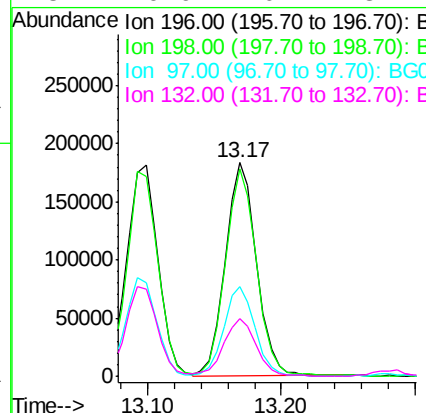
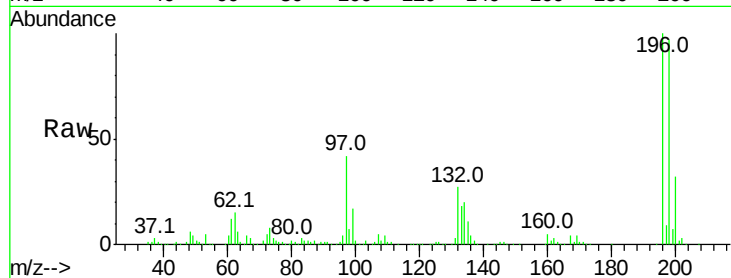




#43
 2,4,5-Trichlorophenol
 Concen: 47.52 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

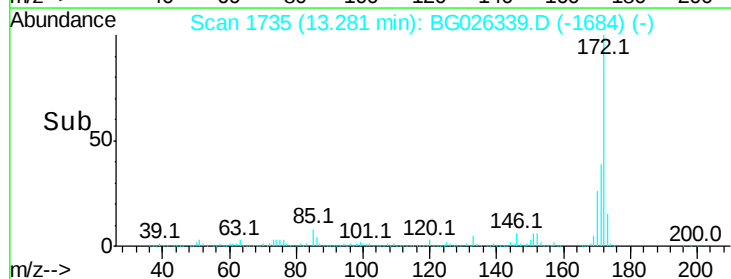
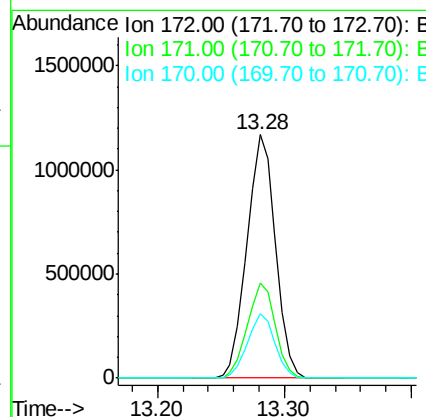
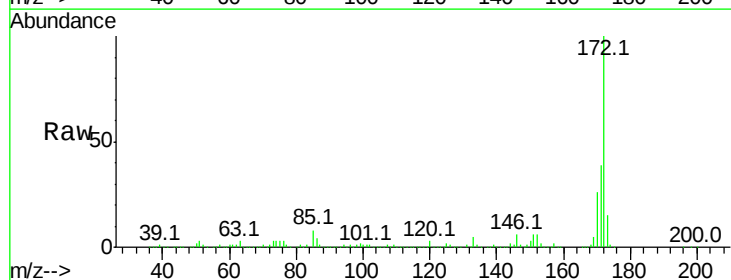
Instrument :
 BNA_G
 ClientSampleId :
 PB97592BS

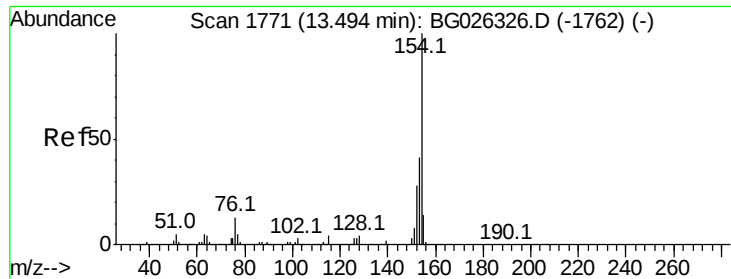
Tot Ion:	196	Resp:	299947
Ion	Ratio	Lower	Upper
196	100		
198	97.2	79.9	119.9
97	42.0	45.4	68.0
132	26.9	20.7	31.1



#44
 2-Fluorobiphenyl
 Concen: 87.98 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

Tgt Ion:	172	Resp:	1818507
Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.2	48.2
170	26.5	21.8	32.6





#45

1,1'-Biphenyl

Concen: 44.63 ng

RT: 13.49 min Scan# 1771

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

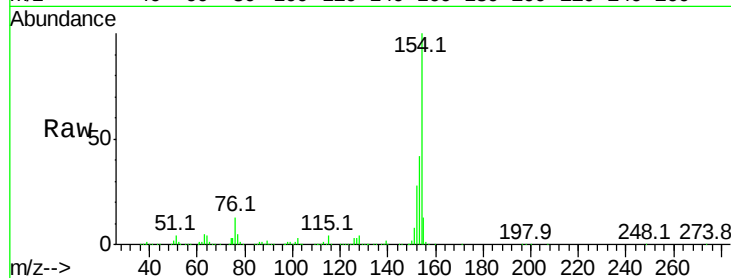
BNA_G

ClientSampleId :

PB97592BS

Tot Ion:154 Resp: 1071397

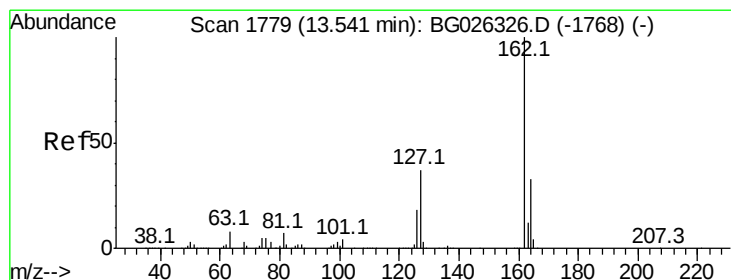
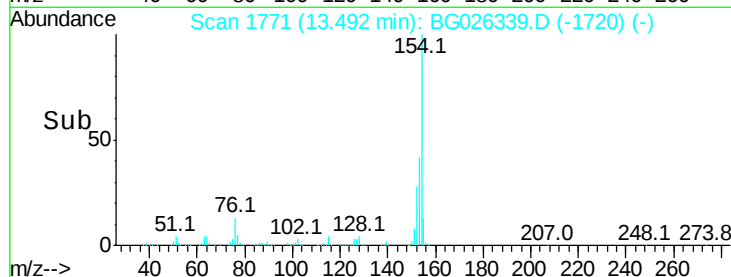
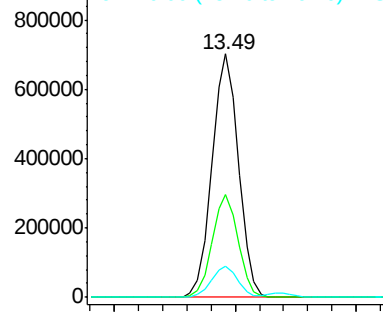
Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.0	63.0
76	12.9	0.0	33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 45.15 ng

RT: 13.54 min Scan# 1779

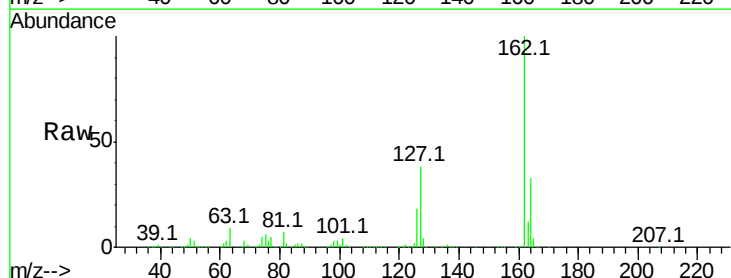
Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Tgt Ion:162 Resp: 791702

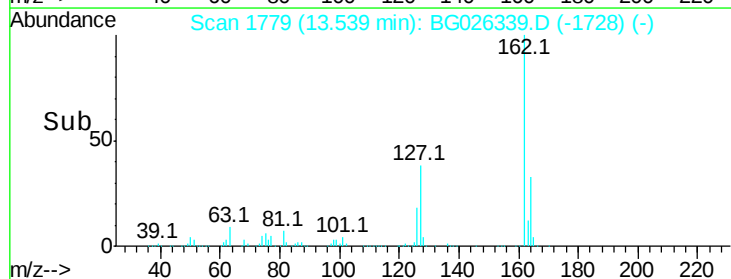
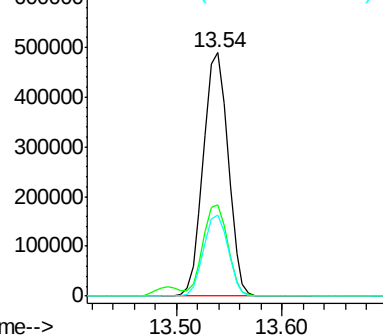
Ion	Ratio	Lower	Upper
162	100		
127	37.7	32.2	48.4
164	33.5	27.3	40.9

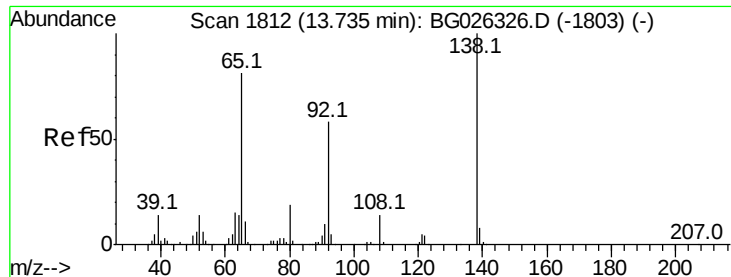


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.93 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

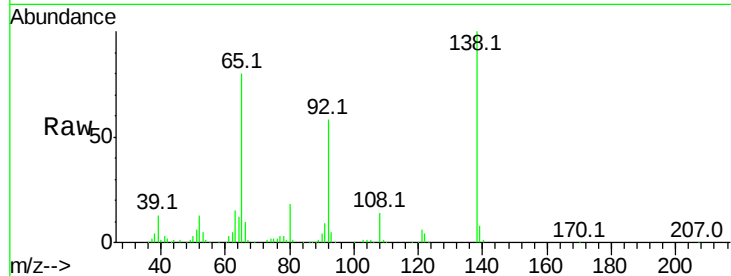
Tot Ion: 65 Resp: 229031

Ion Ratio Lower Upper

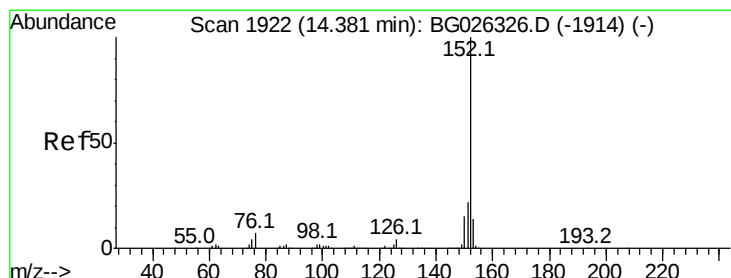
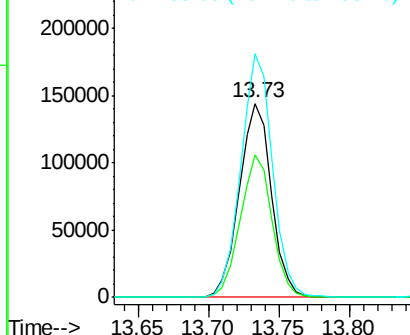
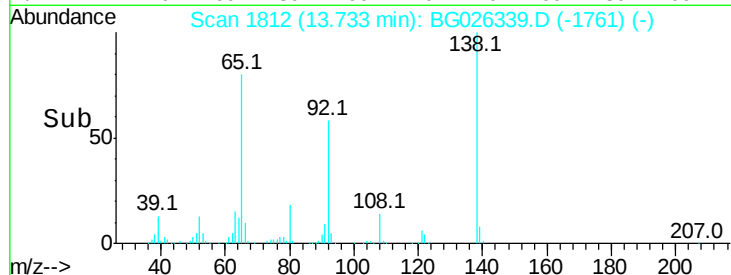
65 100

92 73.1 49.0 73.4

138 125.4 58.6 87.8#



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



#48

Acenaphthylene

Concen: 43.73 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

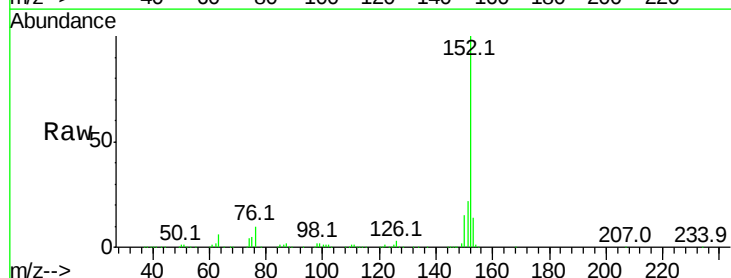
Tgt Ion: 152 Resp: 1336757

Ion Ratio Lower Upper

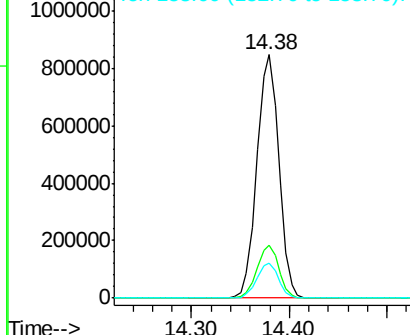
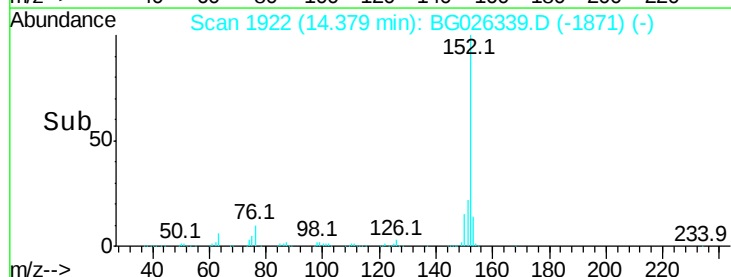
152 100

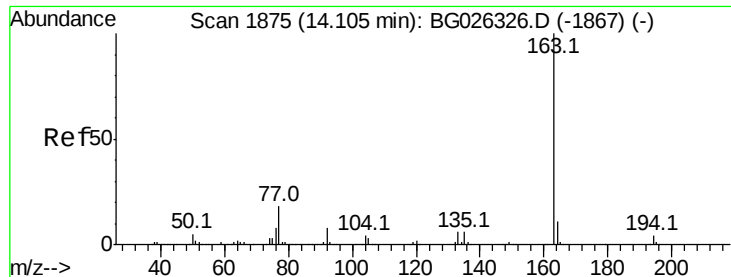
151 22.0 18.2 27.2

153 14.1 11.3 16.9



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





#49

Dimethylphthalate

Concen: 48.08 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

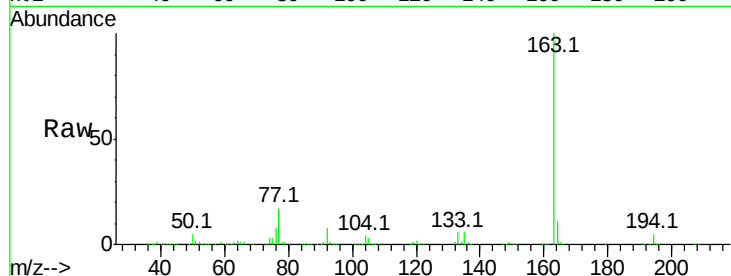
Tot Ion:163 Resp: 1051973

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

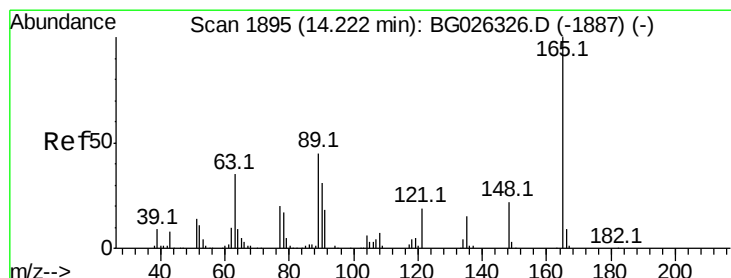
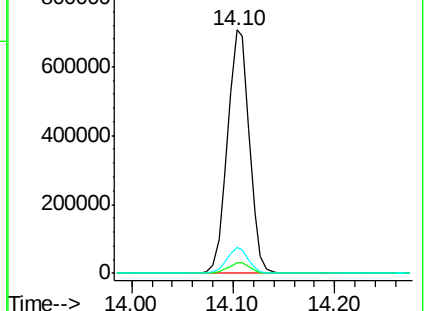
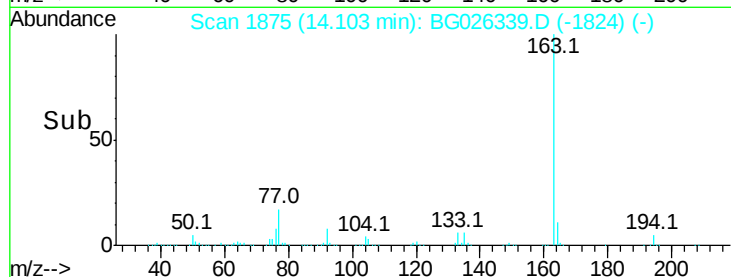
164 10.6 9.3 13.9



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: 48.72 ng

RT: 14.23 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

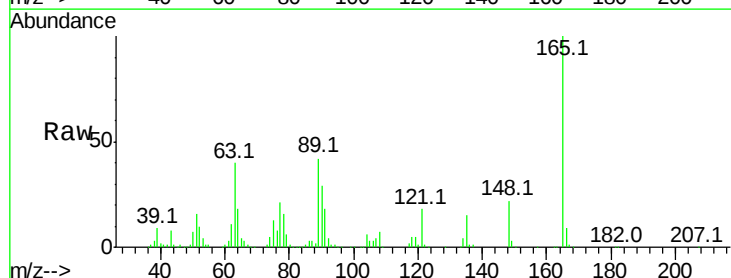
Tgt Ion:165 Resp: 248792

Ion Ratio Lower Upper

165 100

63 40.3 63.9 95.9#

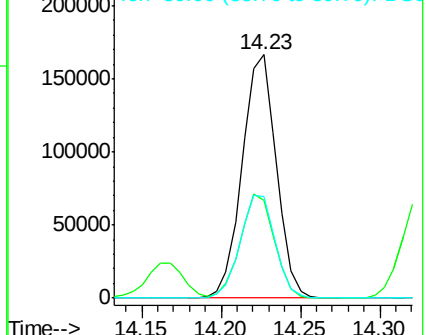
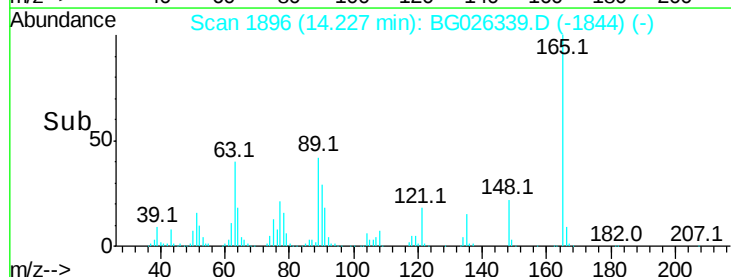
89 41.6 58.6 88.0#

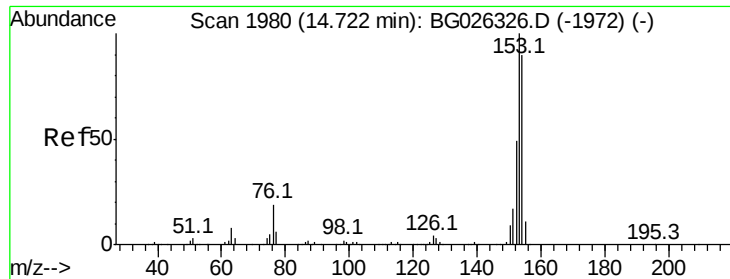


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.47 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

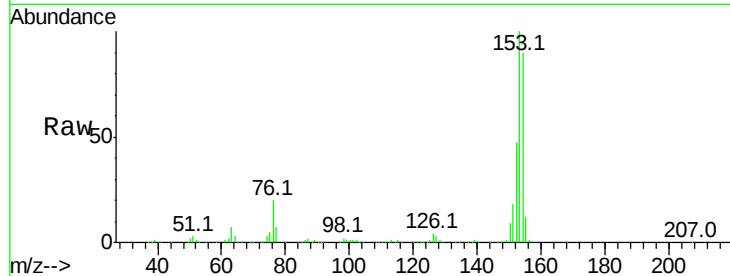
Tot Ion:154 Resp: 837044

Ion Ratio Lower Upper

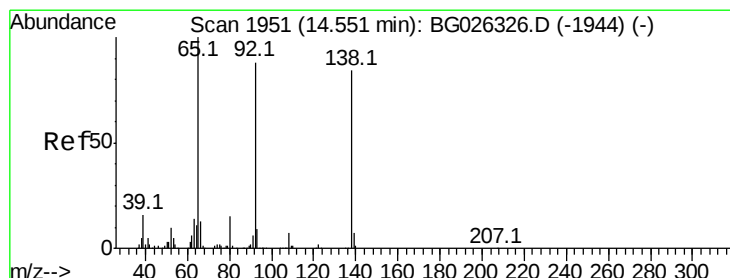
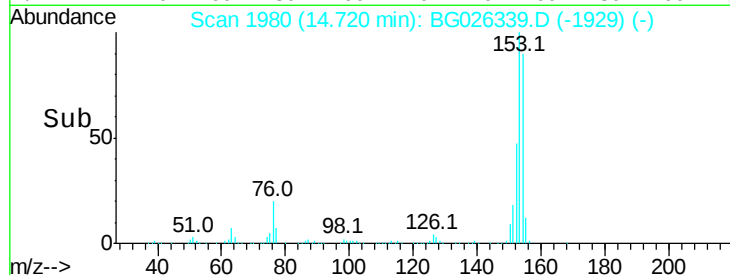
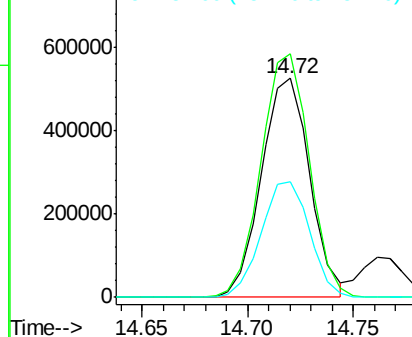
154 100

153 111.2 87.8 131.6

152 52.6 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: 17.93 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

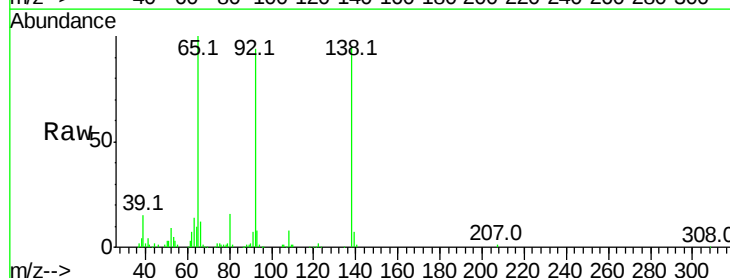
Tgt Ion:138 Resp: 100825

Ion Ratio Lower Upper

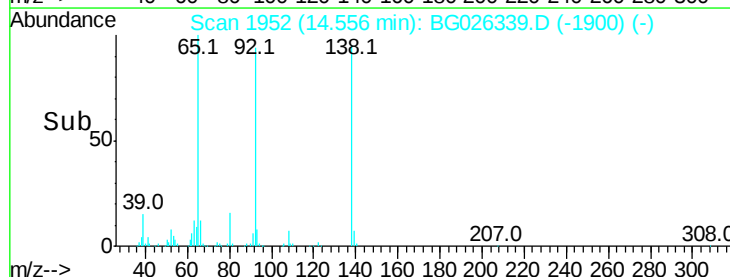
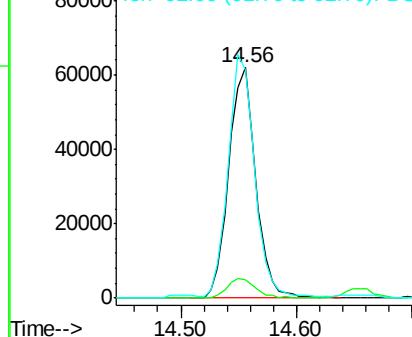
138 100

108 7.9 10.9 16.3#

92 99.3 115.3 172.9#



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: 100.65 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

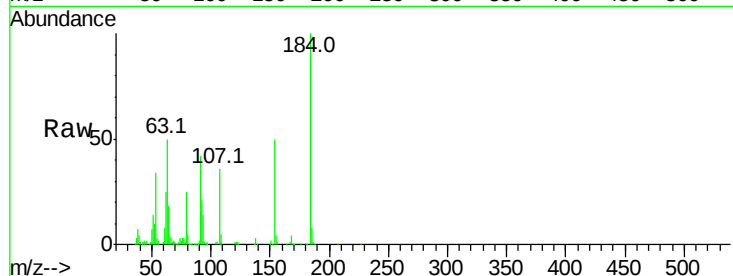
Tot Ion:184 Resp: 298163

Ion Ratio Lower Upper

184 100

63 50.2 52.7 79.1#

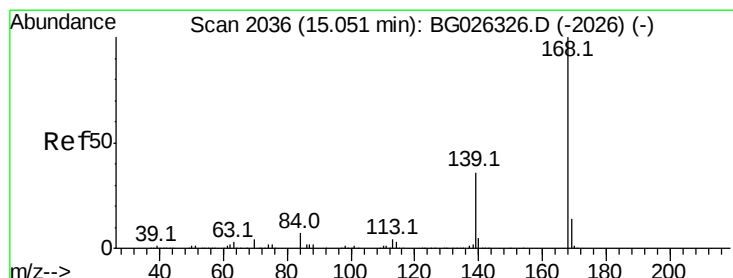
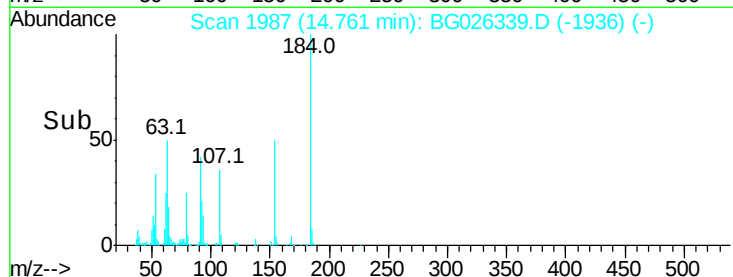
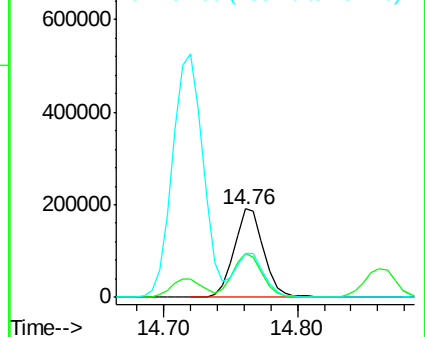
154 50.2 57.3 85.9#



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: 48.72 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

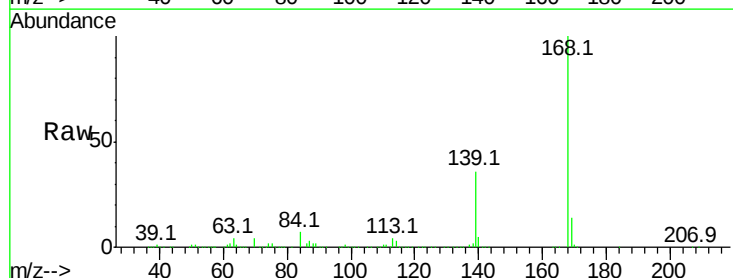
Tgt Ion:168 Resp: 1291206

Ion Ratio Lower Upper

168 100

139 35.5 35.3 52.9

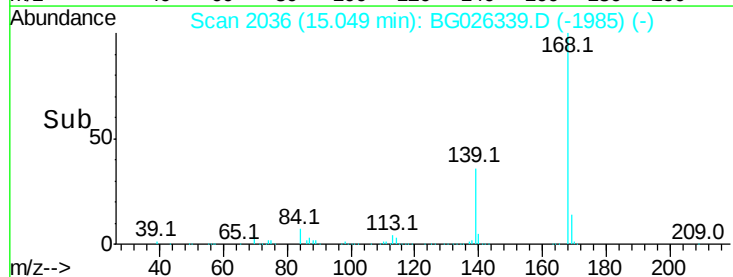
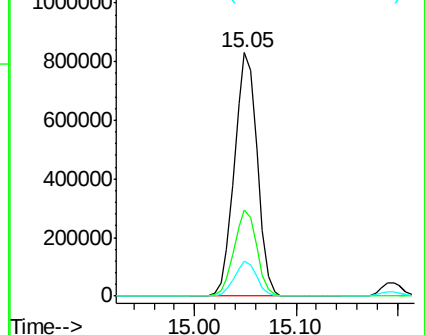
169 14.4 11.5 17.3



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: 101.05 ng

RT: 14.86 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

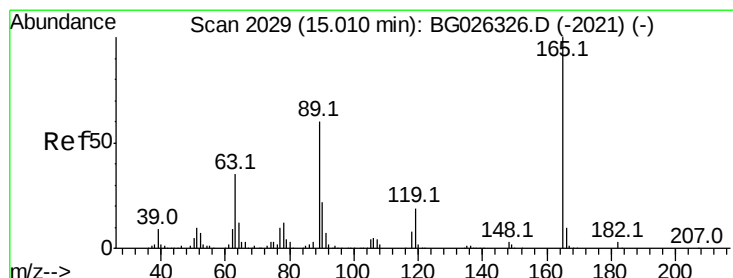
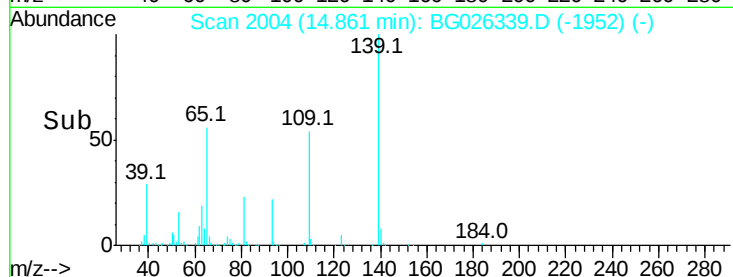
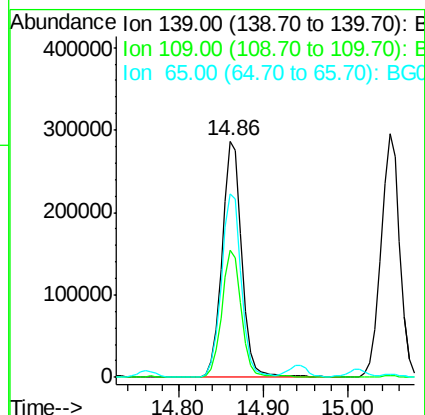
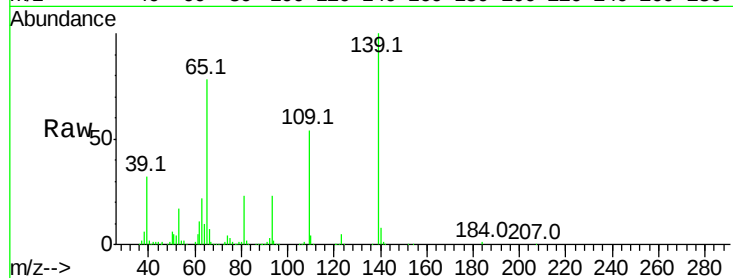
Tot Ion:139 Resp: 465254

Ion Ratio Lower Upper

139 100

109 53.8 101.2 141.2#

65 77.8 135.3 175.3#



#56

2,4-Dinitrotoluene

Concen: 50.08 ng

RT: 15.01 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Tgt Ion:165 Resp: 359666

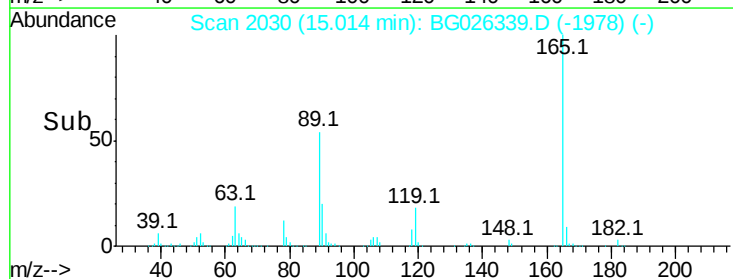
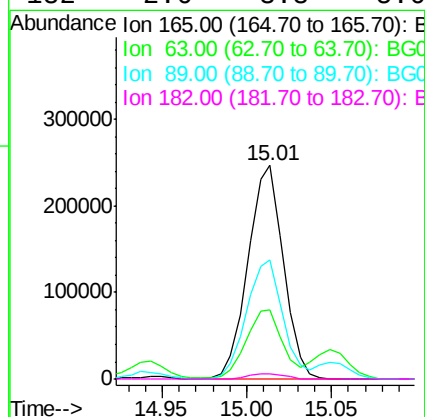
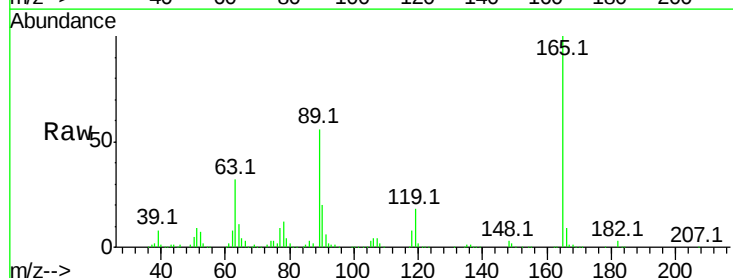
Ion Ratio Lower Upper

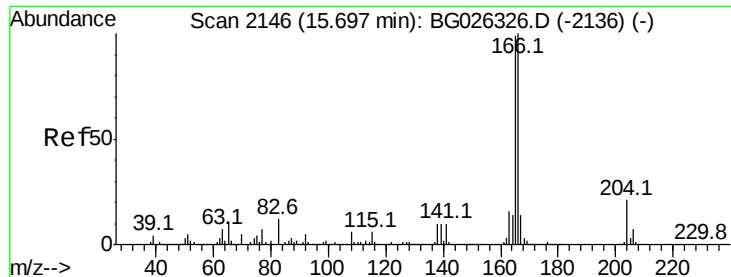
165 100

63 32.4 44.0 66.0#

89 55.7 67.3 100.9#

182 2.6 3.8 5.6#





#57

Fluorene

Concen: 45.34 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

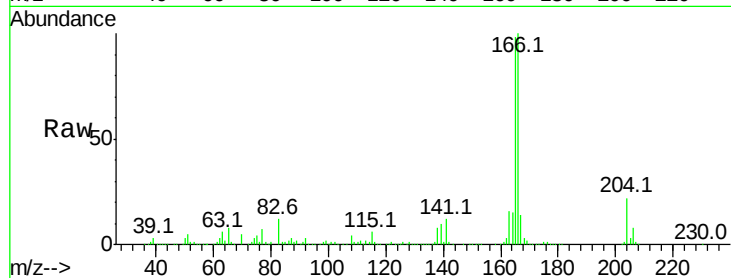
Tot Ion:166 Resp: 1069375

Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

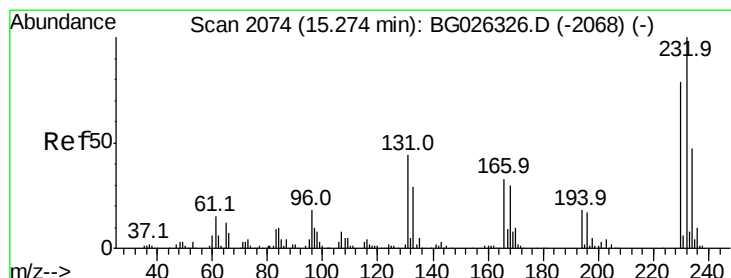
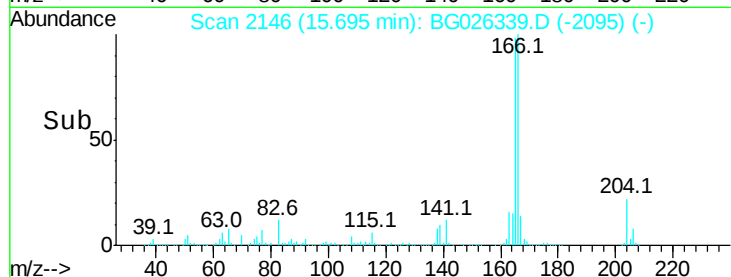
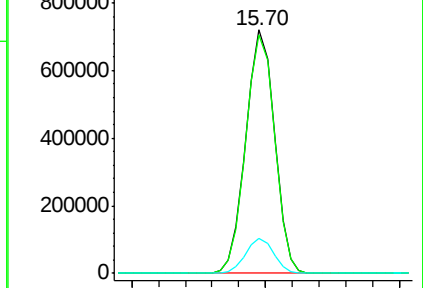
167 14.3 11.6 17.4



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: 53.08 ng

RT: 15.28 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Tgt Ion:232 Resp: 292231

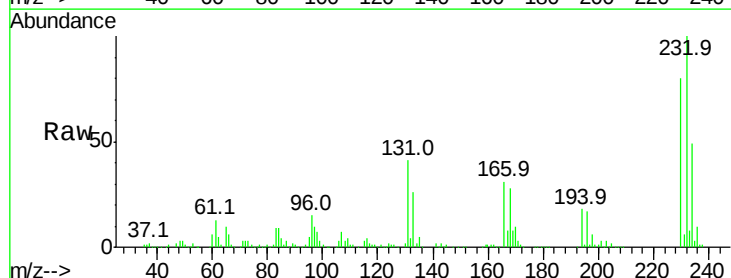
Ion Ratio Lower Upper

232 100

131 41.4 34.9 52.3

130 2.2 2.3 3.5#

166 30.5 24.2 36.4

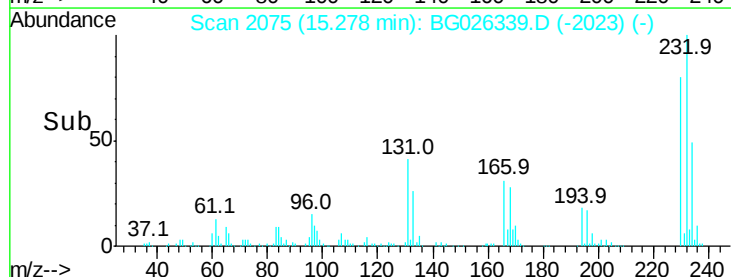
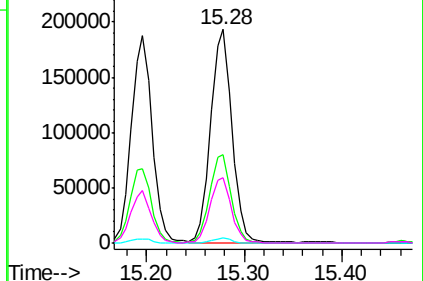


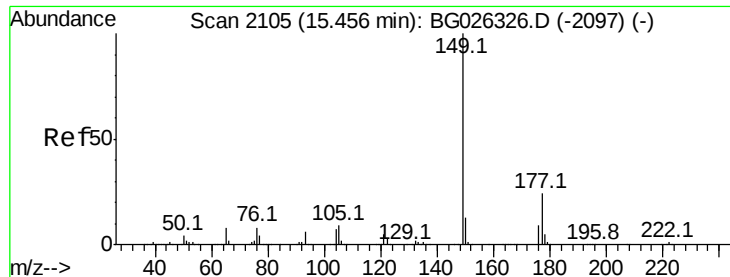
Abundance Ion 232.00 (231.70 to 232.70): E

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

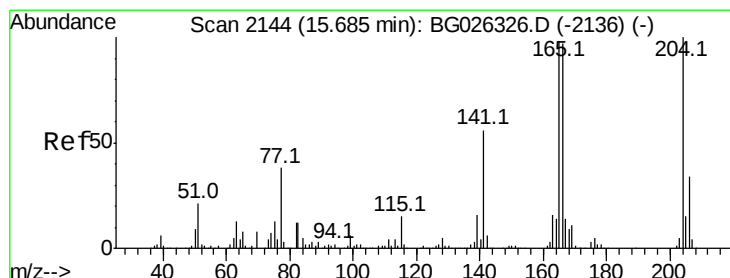
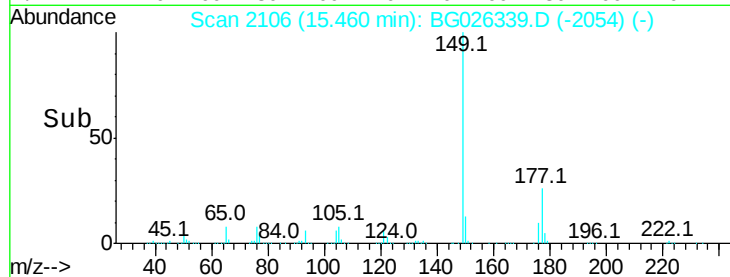
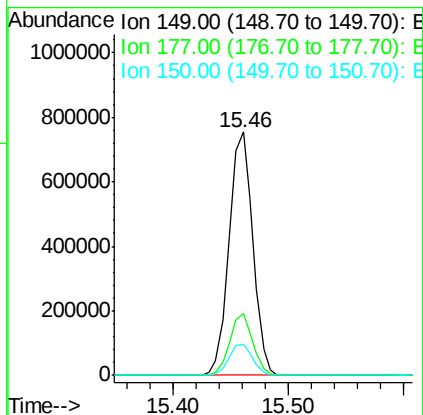
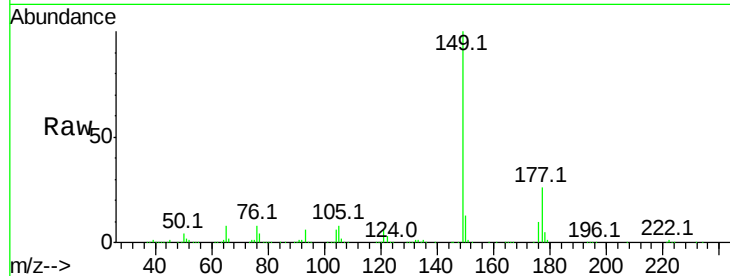




#59
Diethylphthalate
Concen: 47.79 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

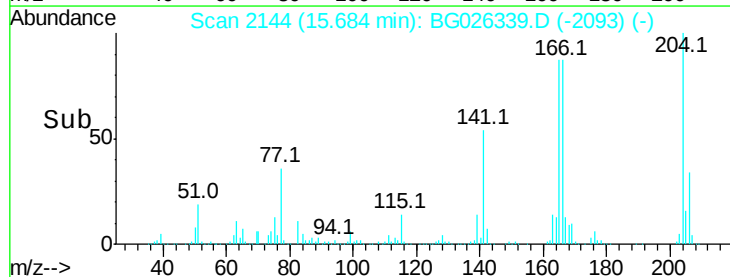
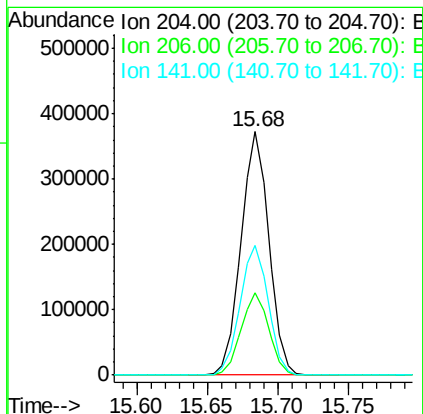
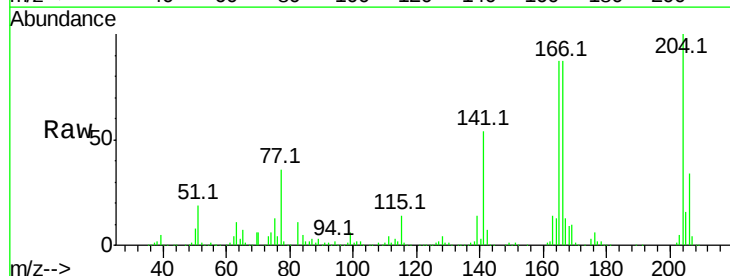
Instrument :
BNA_G
ClientSampled :
PB97592BS

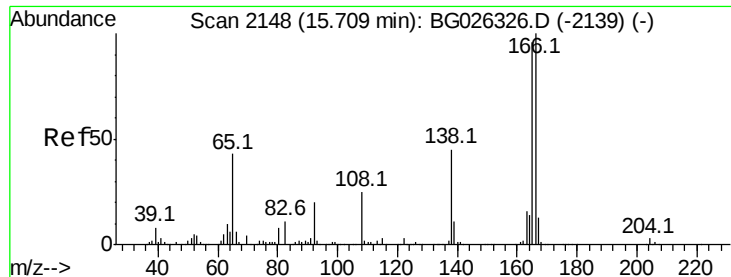
Tot Ion:149 Resp: 1068740
Ion Ratio Lower Upper
149 100
177 25.6 20.1 30.1
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.84 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Tgt Ion:204 Resp: 512350
Ion Ratio Lower Upper
204 100
206 34.0 30.1 45.1
141 53.5 50.6 76.0

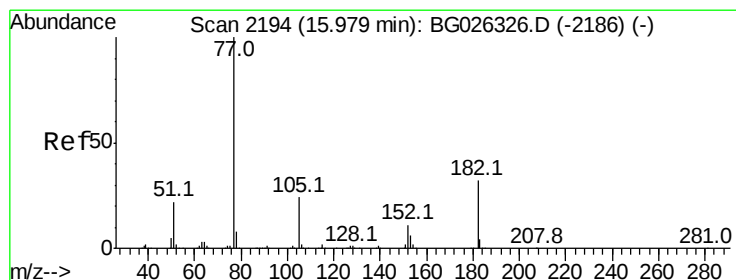
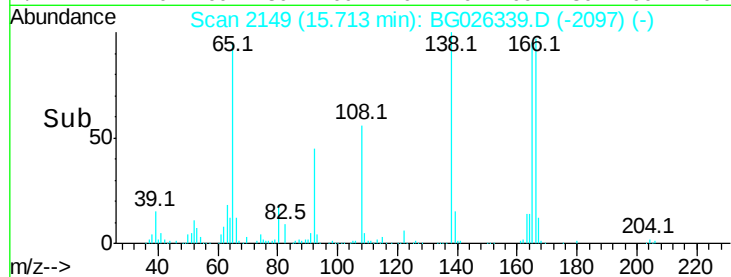
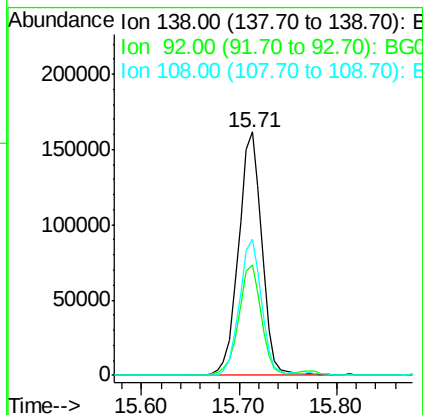
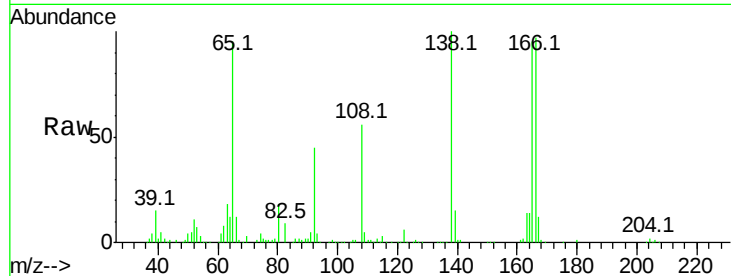




#61
4-Nitroaniline
Concen: 45.13 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

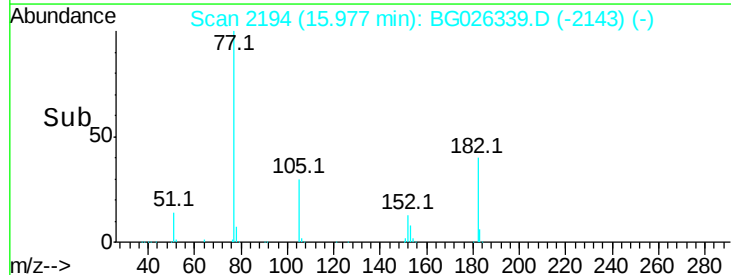
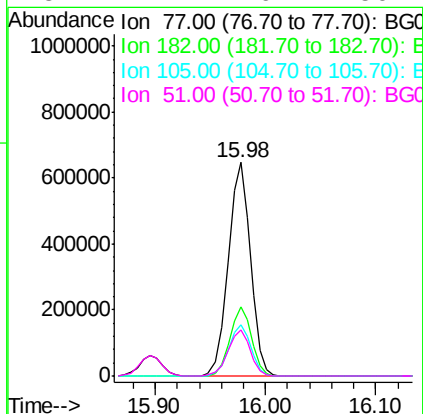
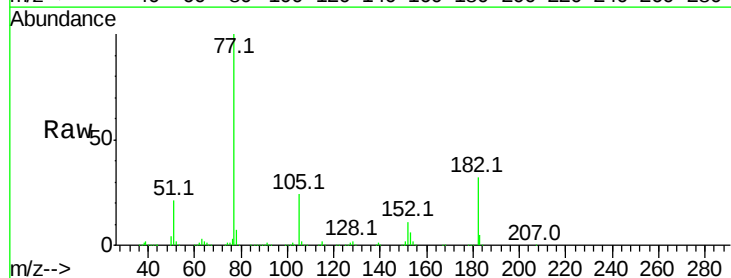
Instrument :
BNA_G
ClientSampleId :
PB97592BS

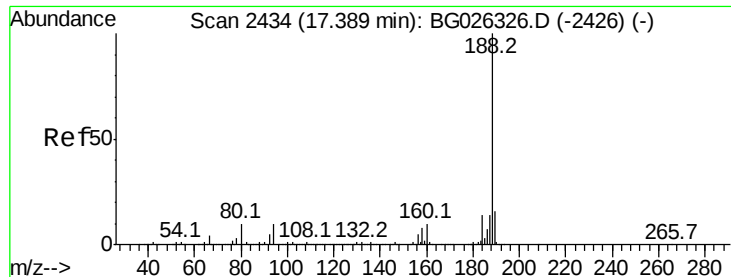
Tot Ion:138 Resp: 268411
Ion Ratio Lower Upper
138 100
92 45.3 44.2 84.2
108 55.7 104.8 144.8#



#62
Azobenzene
Concen: 49.99 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Tgt Ion: 77 Resp: 909039
Ion Ratio Lower Upper
77 100
182 32.2 4.7 44.7
105 24.2 0.0 36.3
51 21.4 16.4 56.4

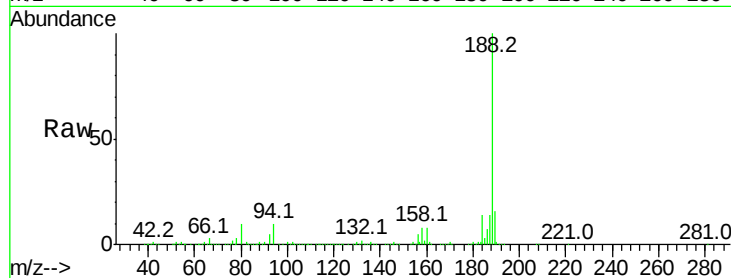




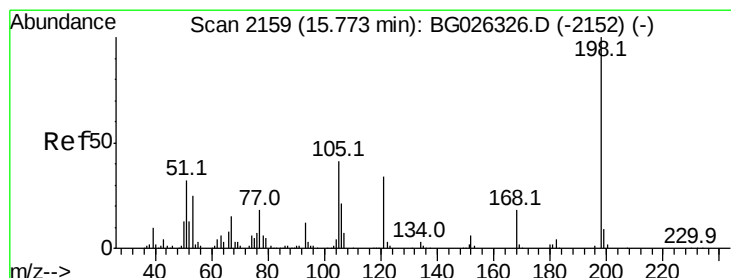
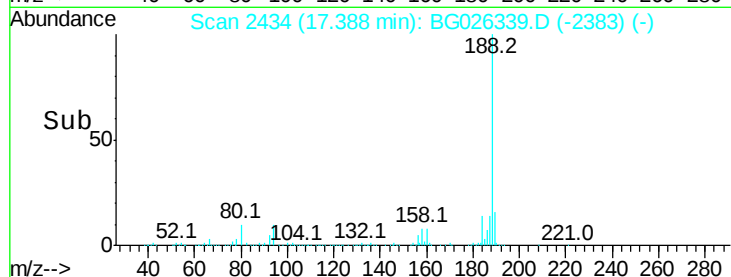
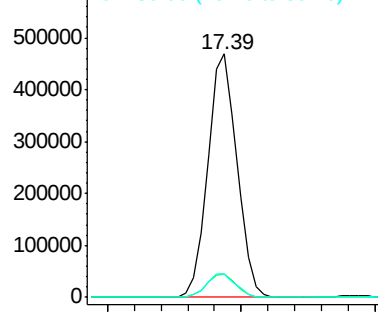
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Instrument :
BNA_G
ClientSampleId :
PB97592BS

Tot Ion:188 Resp: 708648
Ion Ratio Lower Upper
188 100
94 9.6 5.8 8.8#
80 9.6 7.5 11.3

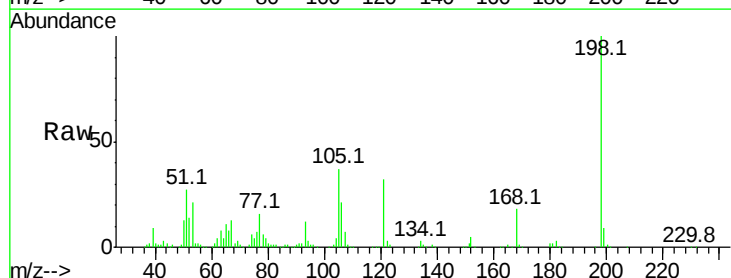


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

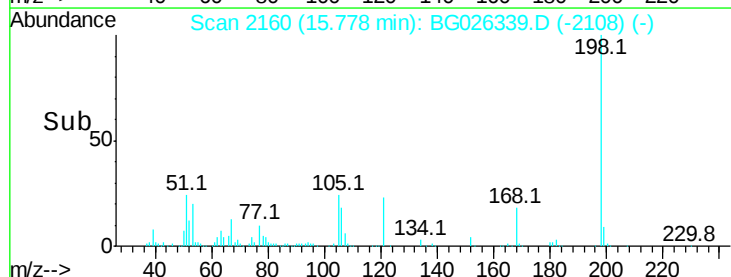
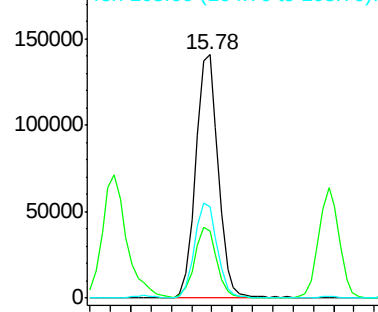


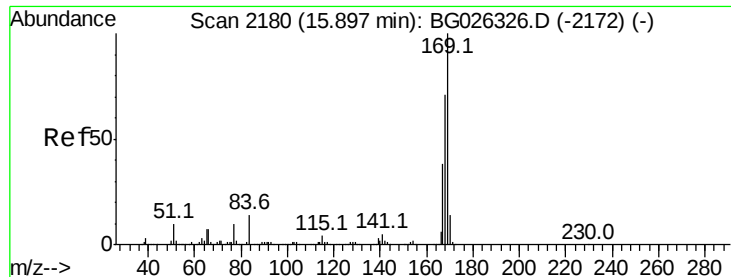
#64
4,6-Dinitro-2-methylphenol
Concen: 48.55 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Tgt Ion:198 Resp: 216890
Ion Ratio Lower Upper
198 100
51 27.3 22.6 62.6
105 37.5 14.4 54.4



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

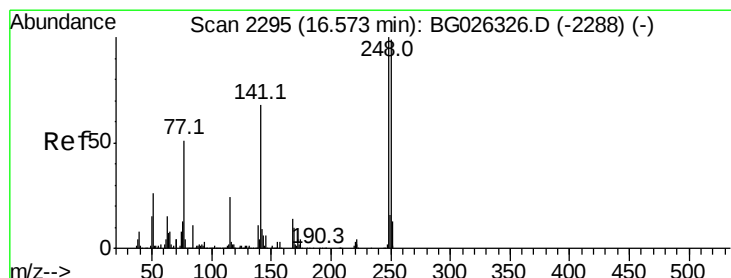
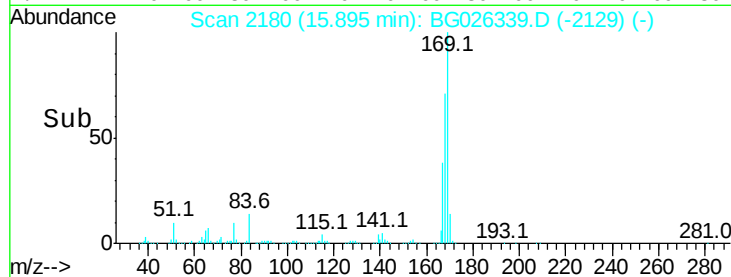
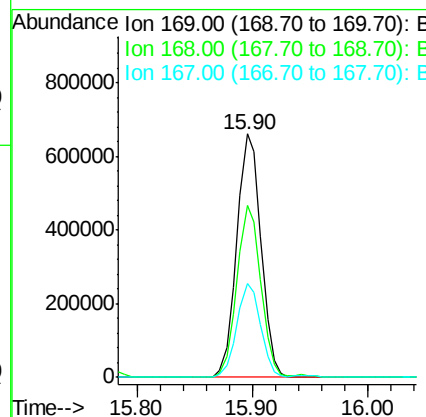
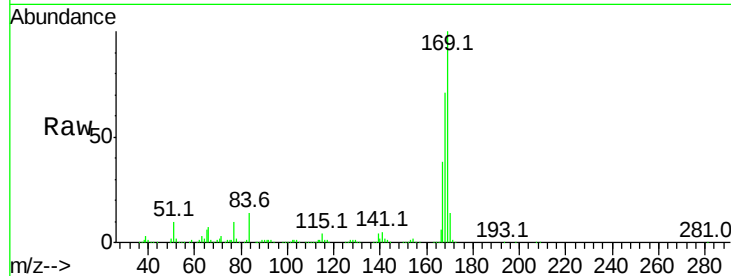




#65
n-Nitrosodiphenylamine
Concen: 46.05 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

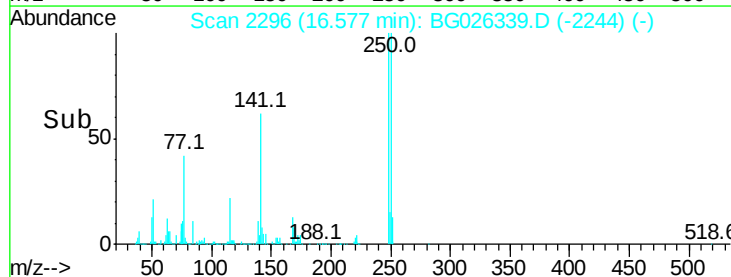
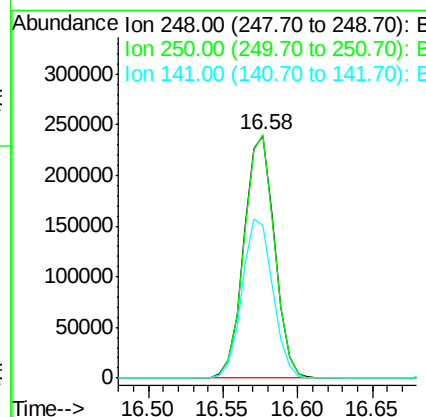
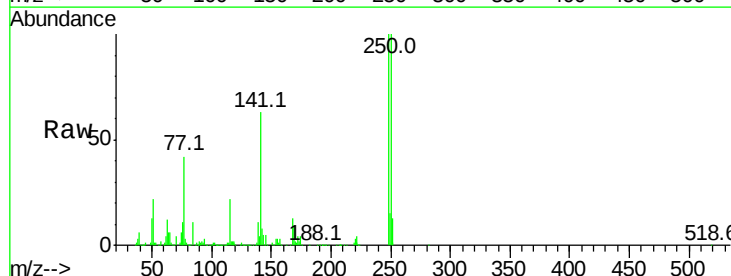
Instrument :
BNA_G
ClientSampleId :
PB97592BS

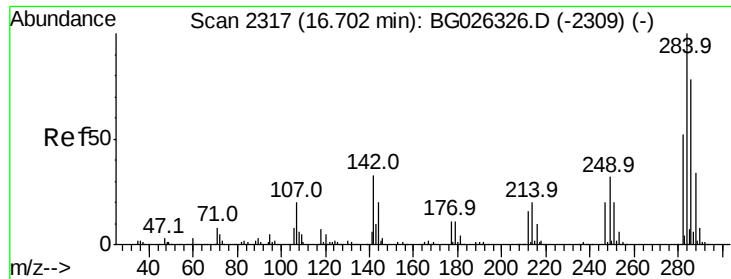
Tot Ion:169 Resp: 957664
Ion Ratio Lower Upper
169 100
168 70.7 55.7 83.5
167 38.5 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 46.30 ng
RT: 16.58 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Tgt Ion:248 Resp: 337688
Ion Ratio Lower Upper
248 100
250 100.3 75.0 112.6
141 62.9 55.2 82.8

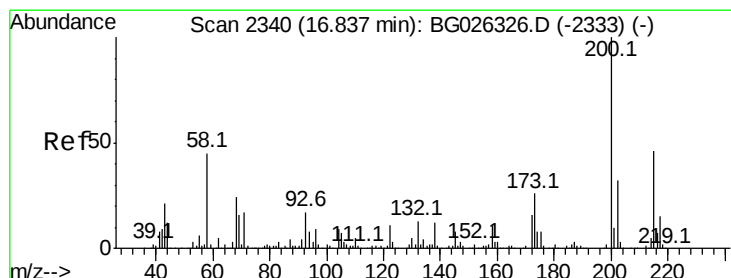
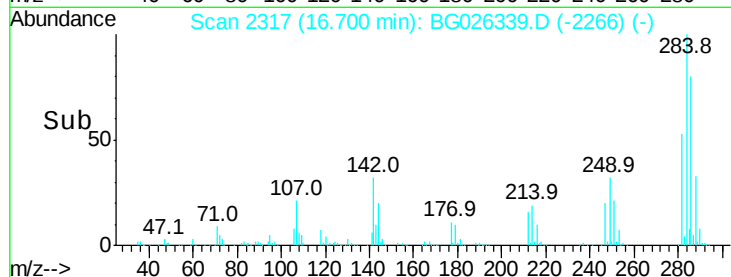
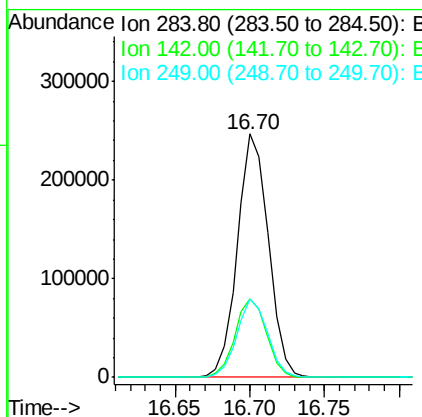
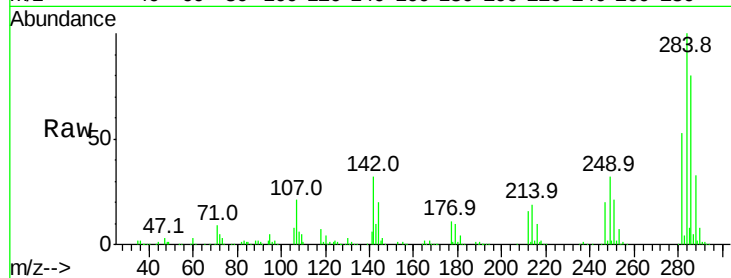




#67
Hexachlorobenzene
Concen: 45.69 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

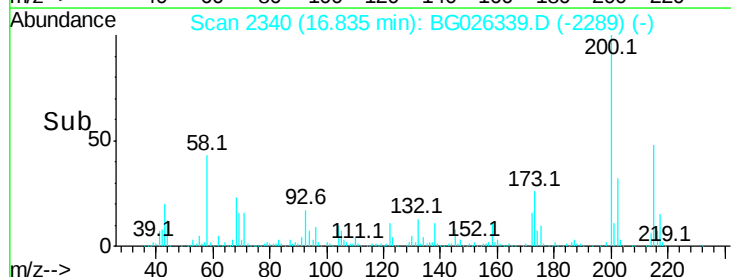
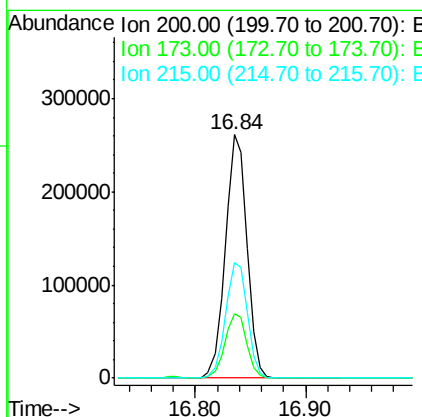
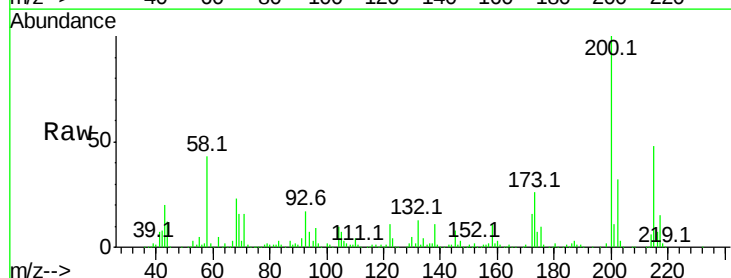
Instrument :
BNA_G
ClientSampleId :
PB97592BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.1	29.9	44.9
249	32.4	29.2	43.8



#68
Atrazine
Concen: 45.31 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	3.0	43.0
215	47.6	28.4	68.4

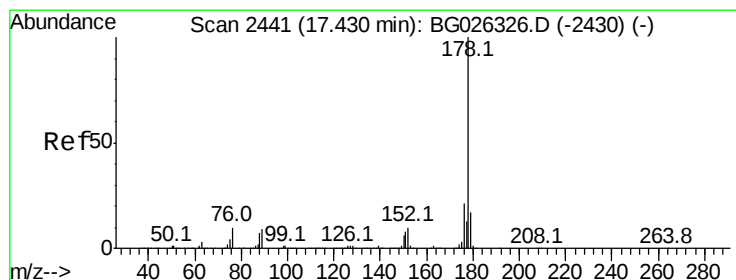
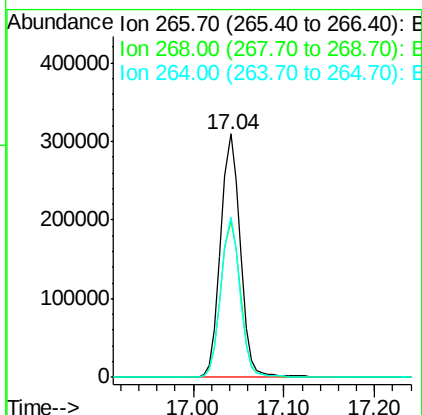
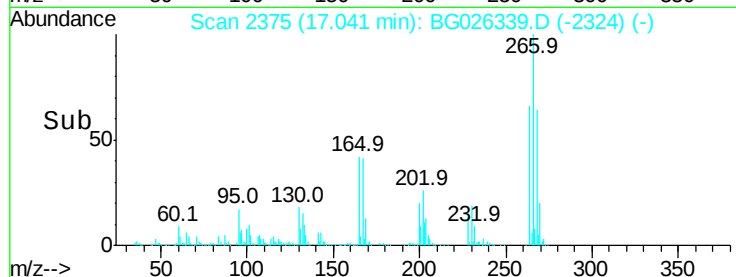
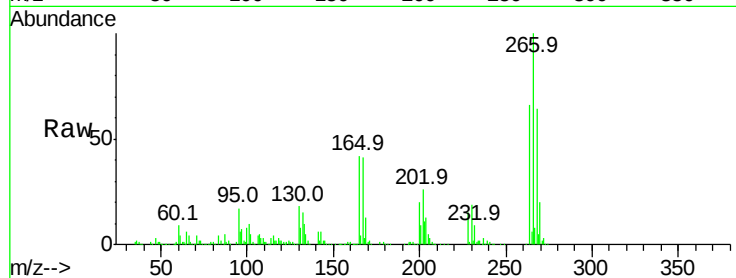




#69
 Pentachlorophenol
 Concen: 92.43 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

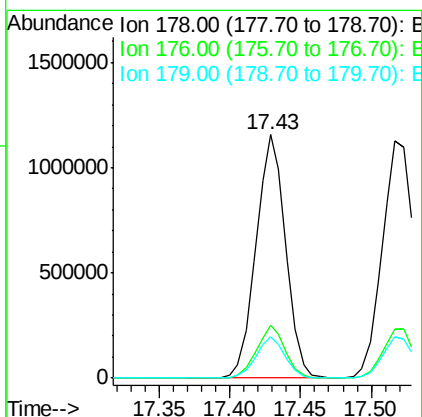
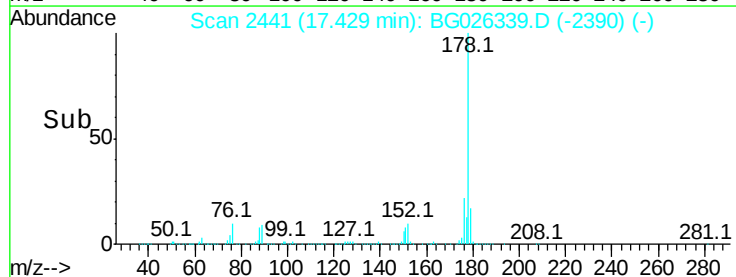
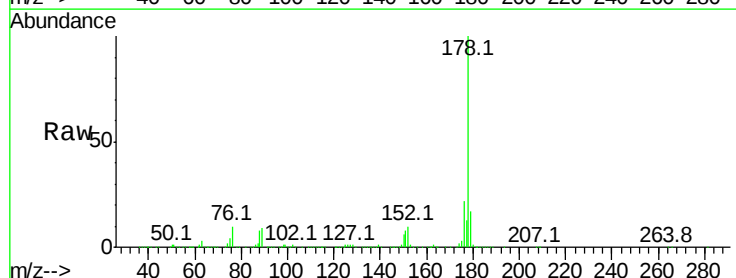
Instrument :
 BNA_G
 ClientSampleId :
 PB97592BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	48.6	72.8
264	65.8	50.1	75.1



#70
 Phenanthrene
 Concen: 44.81 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	17.7	26.5
179	17.2	15.0	22.6



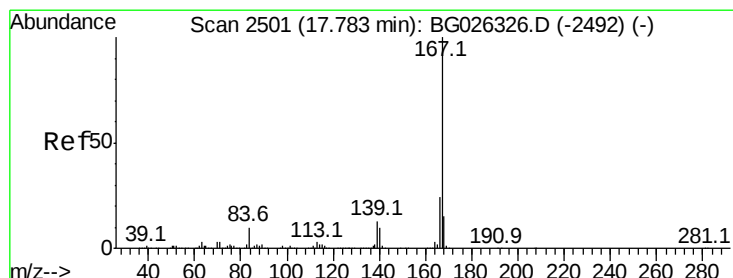
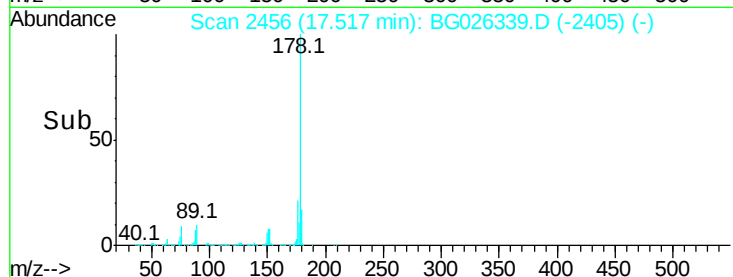
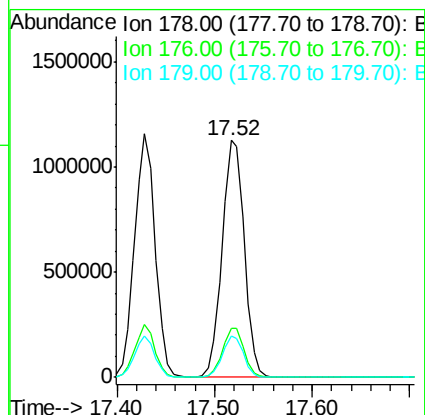
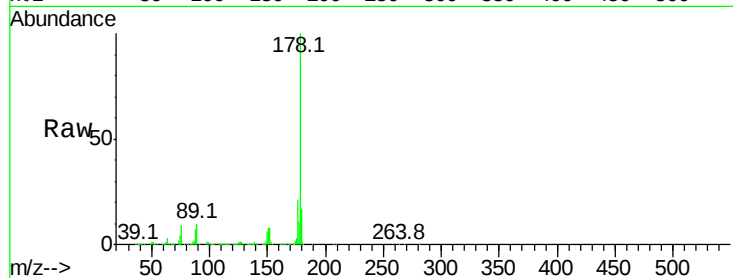


#71
 Anthracene
 Concen: 45.52 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

Instrument :
 BNA_G
 ClientSampleId :
 PB97592BS

Tot Ion:178 Resp: 1767377

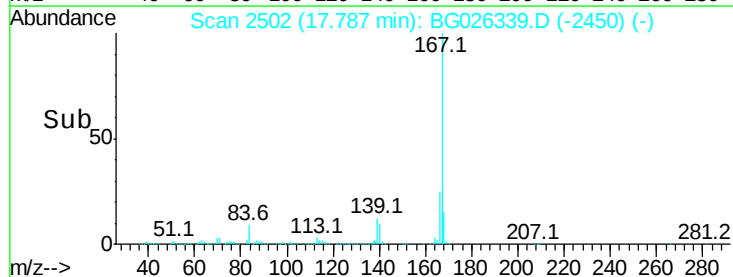
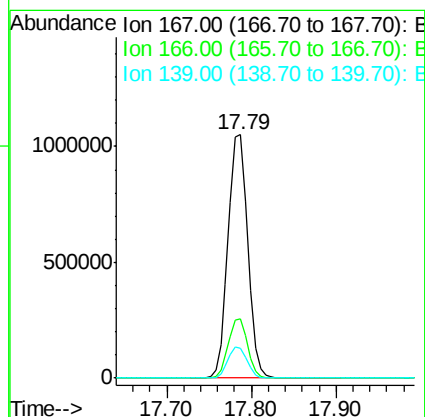
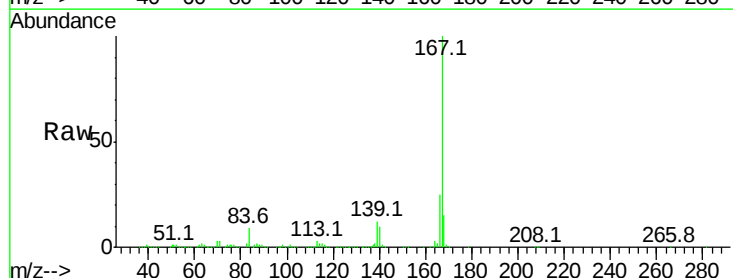
Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.4	24.6
179	17.4	13.8	20.8

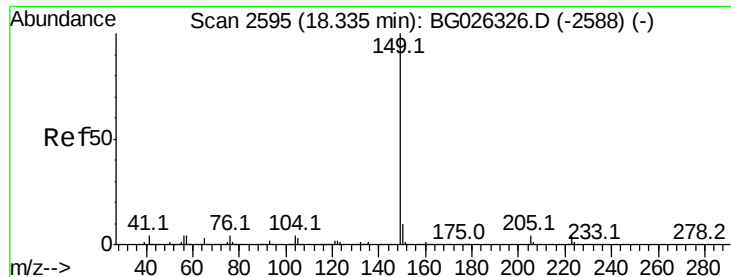


#72
 Carbazole
 Concen: 42.37 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. 0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

Tgt Ion:167 Resp: 1693834

Ion	Ratio	Lower	Upper
167	100		
166	24.5	20.2	30.2
139	12.4	12.8	19.2#

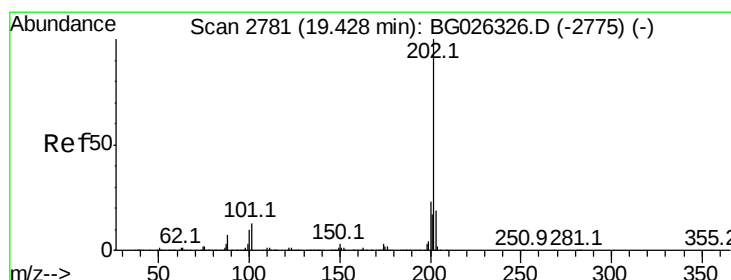
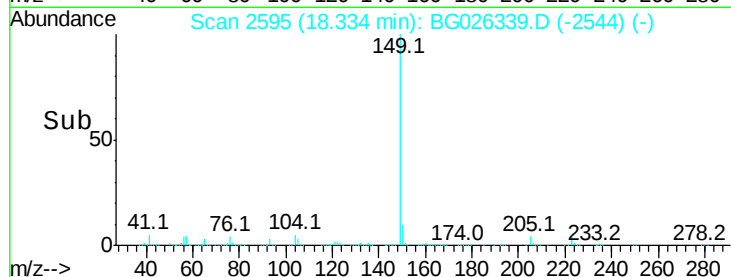
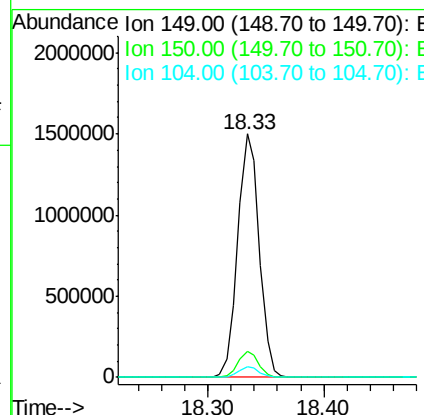
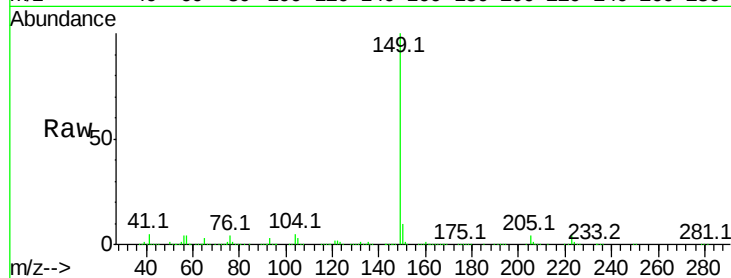




#73
Di-n-butylphthalate
Concen: 46.96 ng
RT: 18.33 min Scan# 2595
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

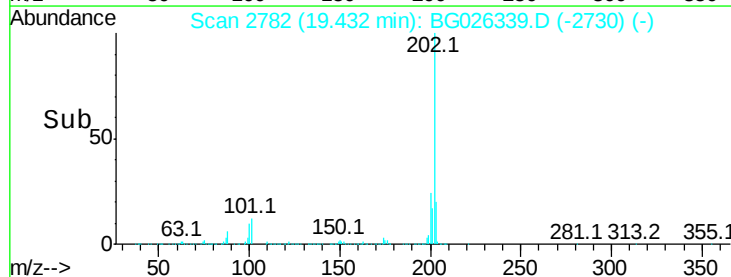
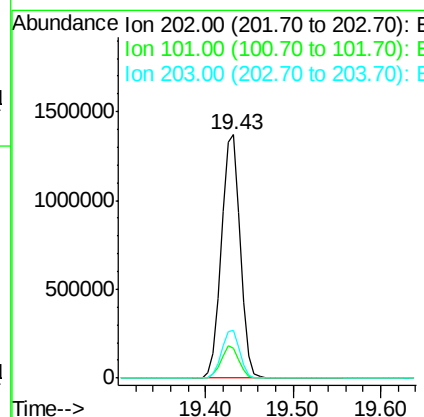
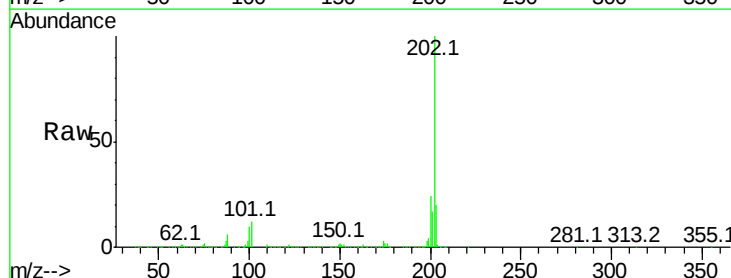
Instrument :
BNA_G
ClientSampleId :
PB97592BS

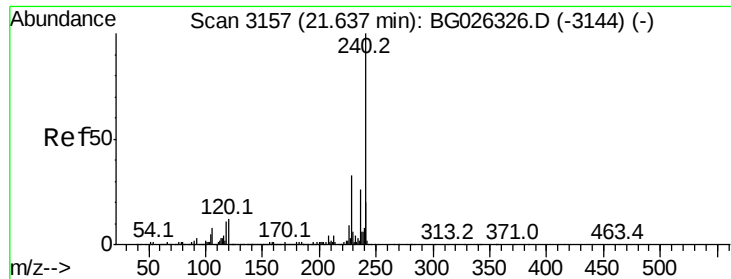
Tot Ion:149 Resp: 1928781
Ion Ratio Lower Upper
149 100
150 10.5 9.1 13.7
104 4.6 6.7 10.1#



#74
Fluoranthene
Concen: 45.63 ng
RT: 19.43 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Tgt Ion:202 Resp: 2041696
Ion Ratio Lower Upper
202 100
101 12.5 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: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

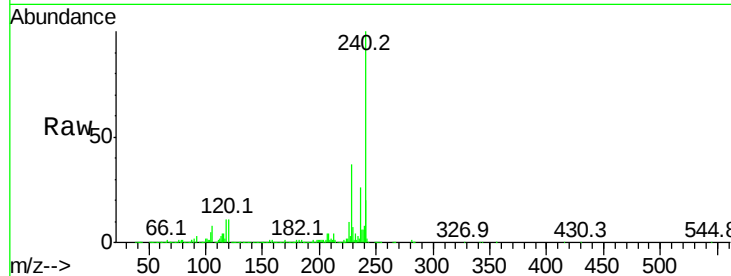
Tot Ion:240 Resp: 782056

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

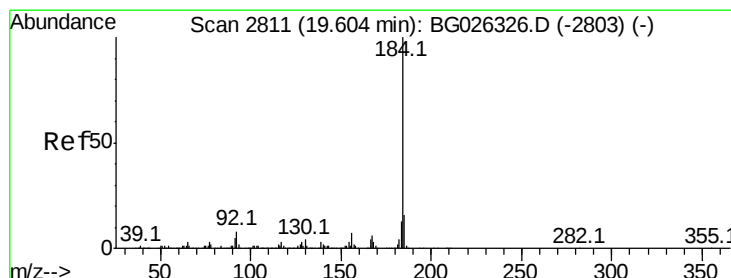
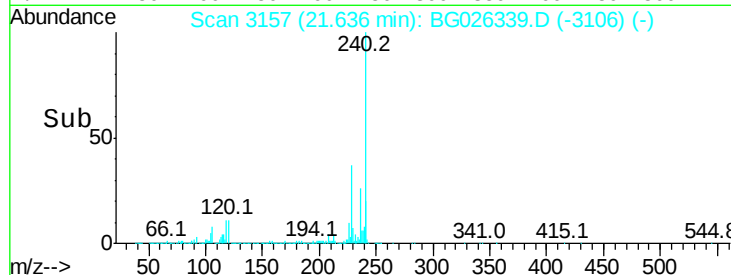
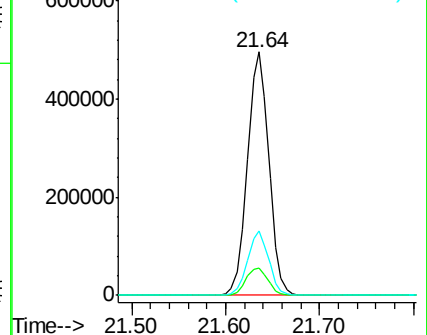
236 26.2 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.30 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

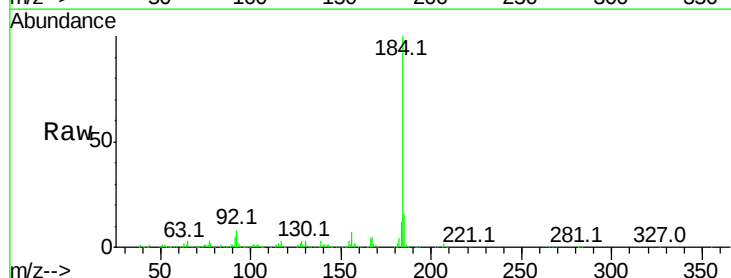
Tgt Ion:184 Resp: 466599

Ion Ratio Lower Upper

184 100

185 16.0 13.0 19.6

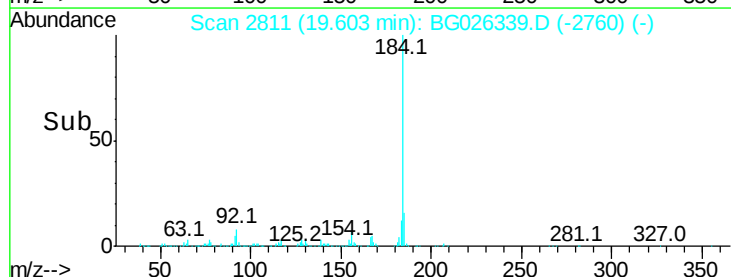
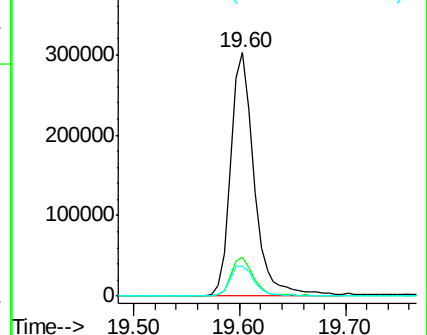
183 12.4 11.0 16.6

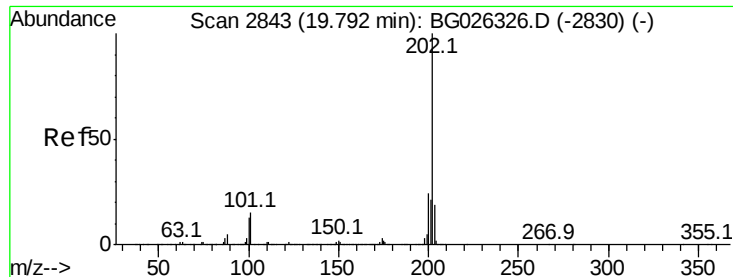


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.87 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

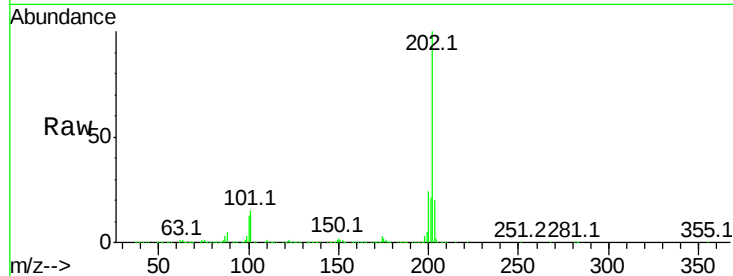
Tot Ion:202 Resp: 2077072

Ion Ratio Lower Upper

202 100

200 24.3 19.6 29.4

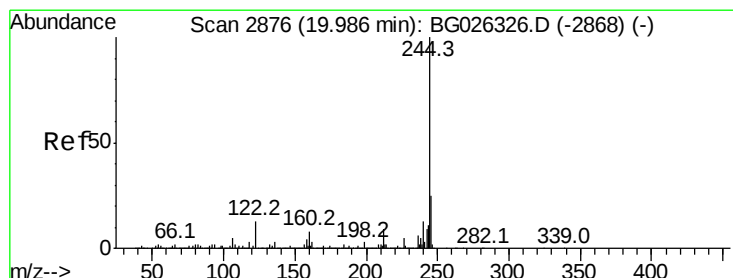
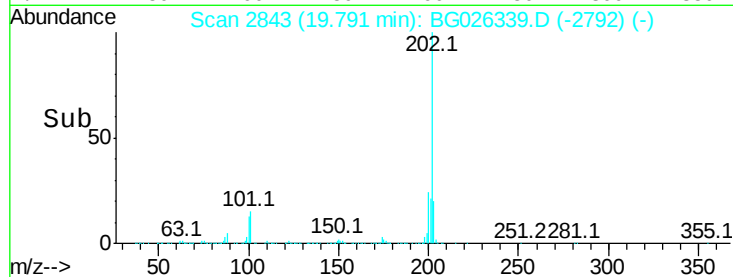
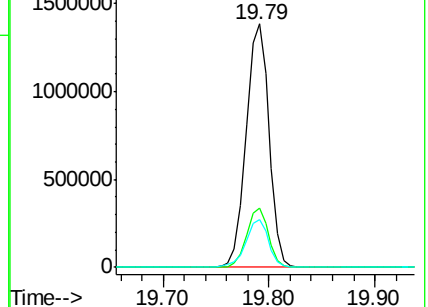
203 19.8 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.14 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

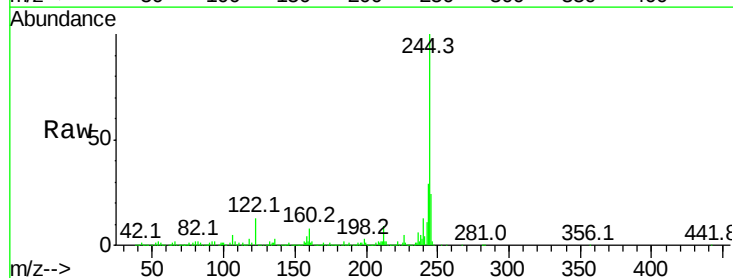
Tgt Ion:244 Resp: 2613020

Ion Ratio Lower Upper

244 100

212 8.9 10.0 15.0#

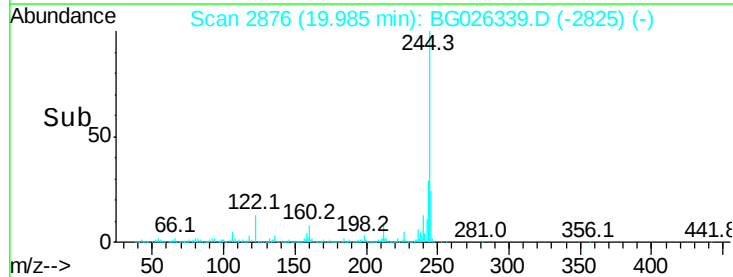
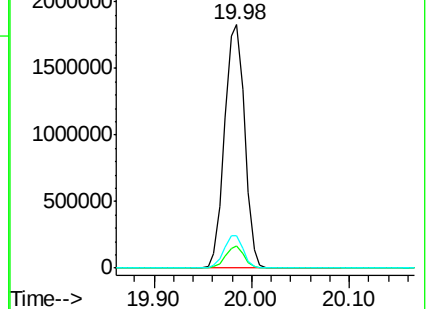
122 13.4 8.6 12.8#

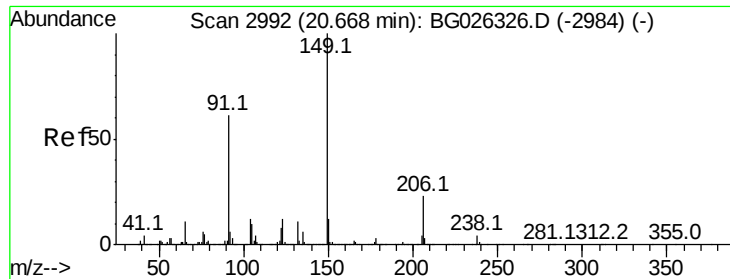


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

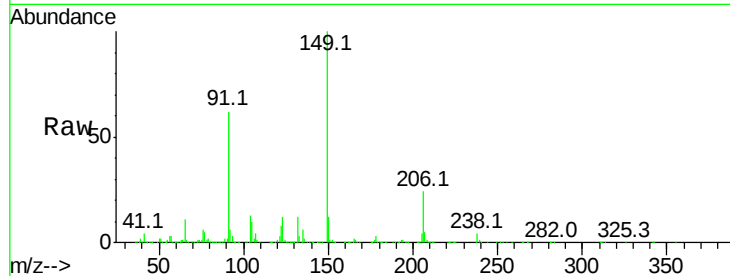




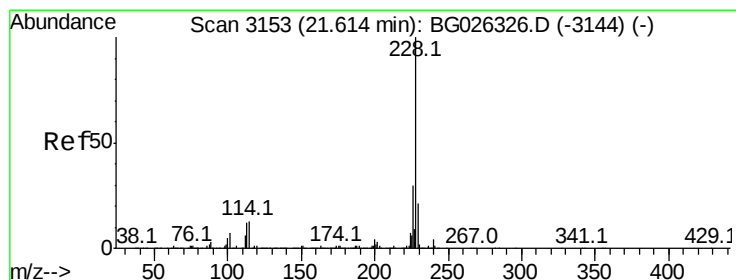
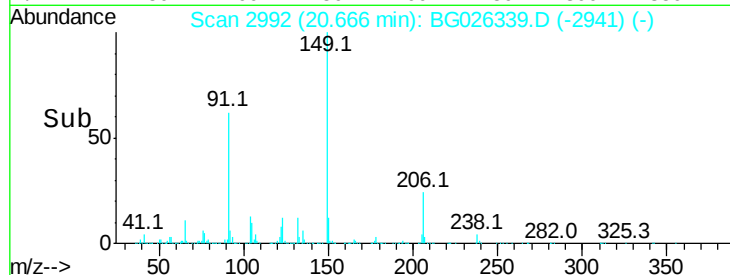
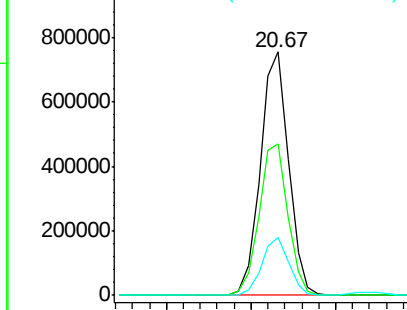
#79
Butylbenzylphthalate
Concen: 48.07 ng
RT: 20.67 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Instrument :
BNA_G
ClientSampleId :
PB97592BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.1	63.5	95.3#
206	23.6	21.0	31.6

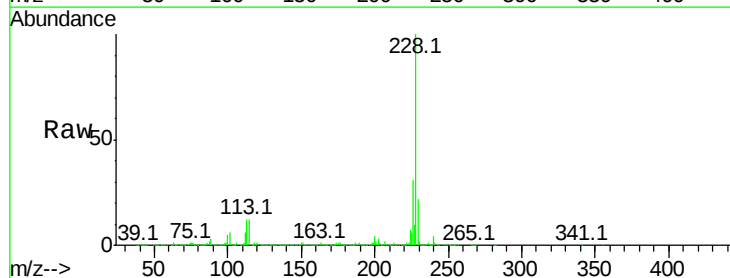


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): B
Ion 206.00 (205.70 to 206.70): E

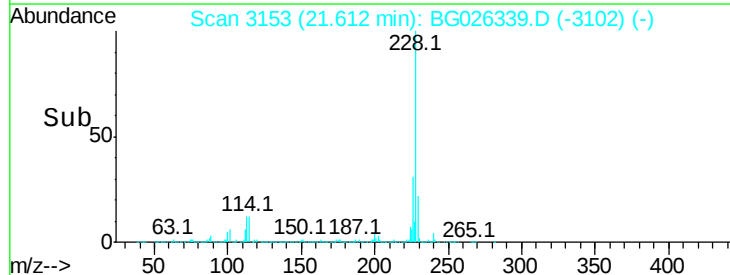
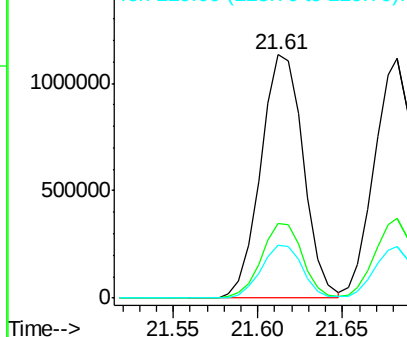


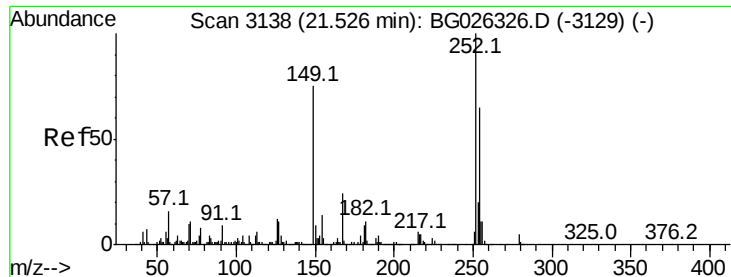
#80
Benzo(a)anthracene
Concen: 45.14 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026339.D
Acq: 20 Mar 2017 23:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	21.5	18.2	27.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

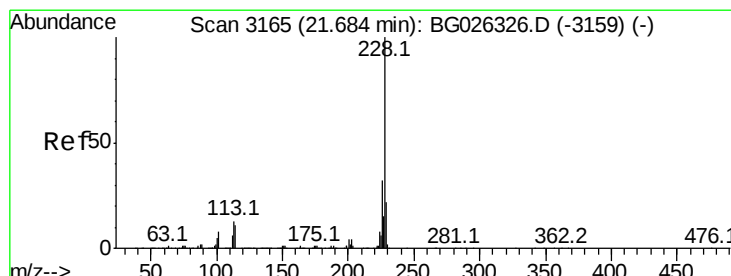
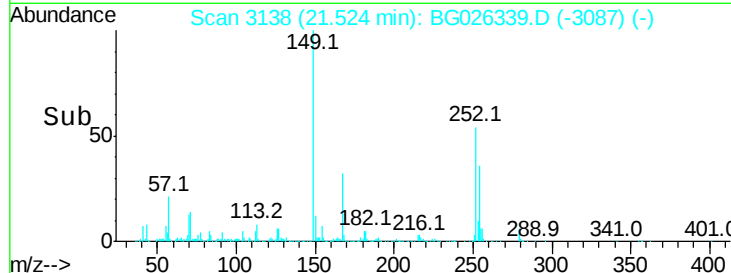
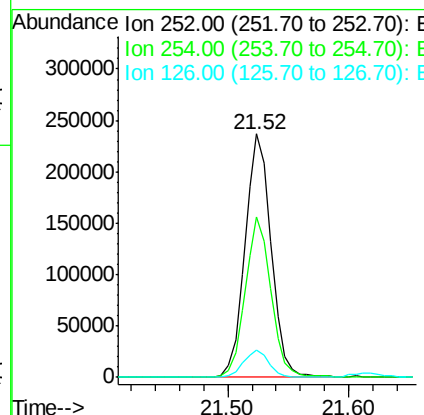
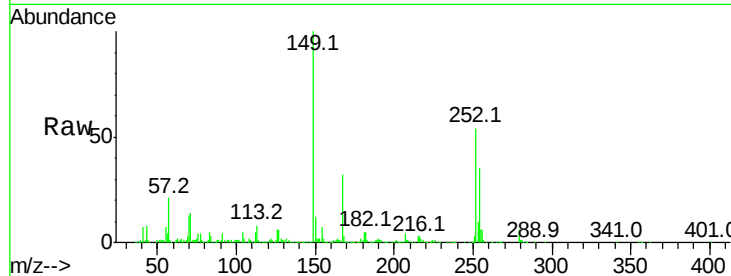




#81
 3,3'-Dichlorobenzidine
 Concen: 19.87 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

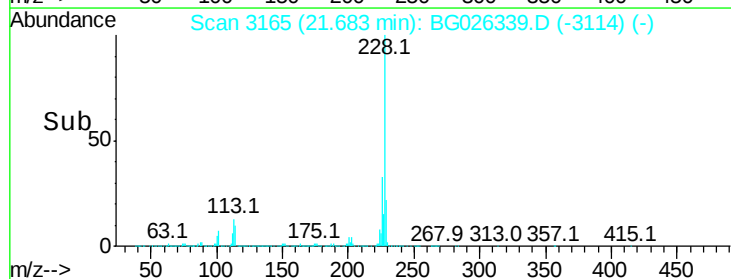
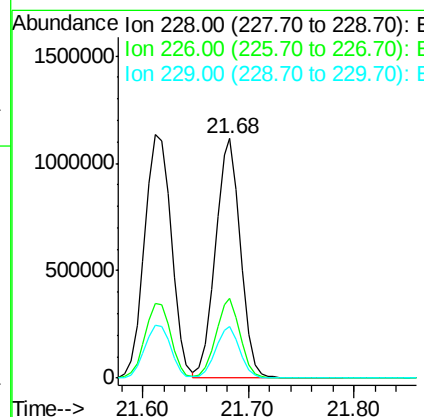
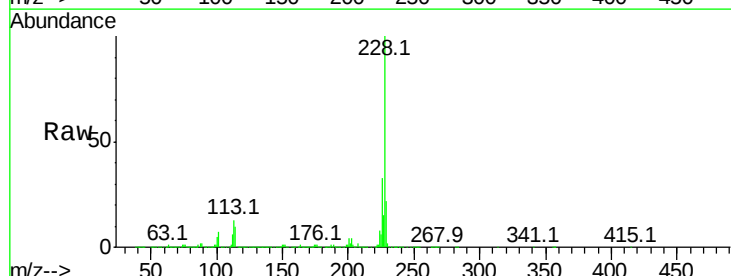
Instrument :
 BNA_G
 ClientSampleId :
 PB97592BS

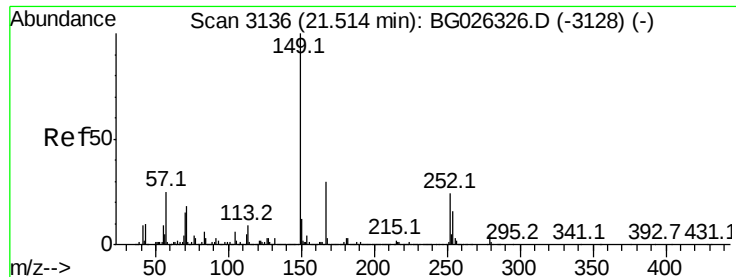
Tot Ion:252 Resp: 357910
 Ion Ratio Lower Upper
 252 100
 254 66.0 53.1 79.7
 126 11.2 7.0 10.4#



#82
 Chrysene
 Concen: 43.71 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

Tgt Ion:228 Resp: 1837768
 Ion Ratio Lower Upper
 228 100
 226 33.1 27.0 40.4
 229 21.7 17.8 26.6

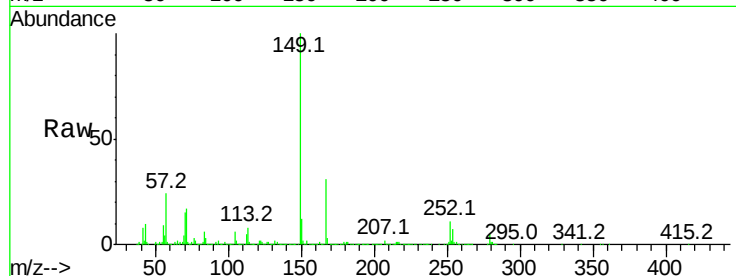




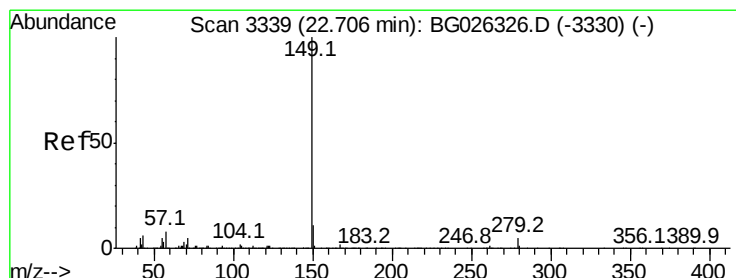
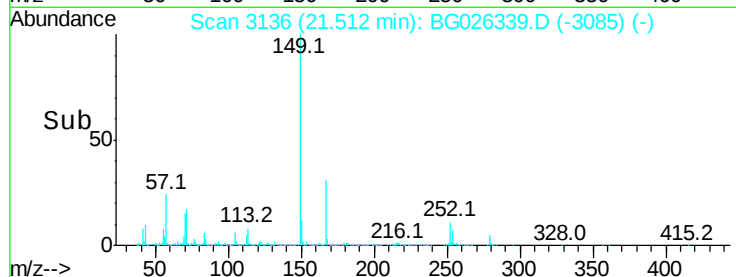
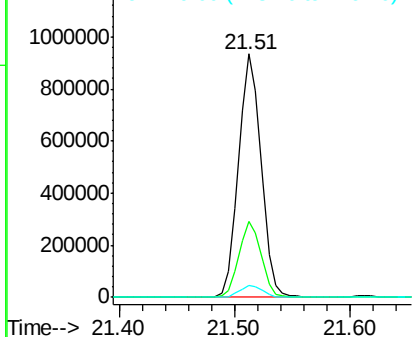
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.28 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

Instrument :
 BNA_G
 ClientSampleId :
 PB97592BS

Tot Ion:149 Resp: 1266414
 Ion Ratio Lower Upper
 149 100
 167 31.2 23.7 35.5
 279 4.9 4.6 6.8

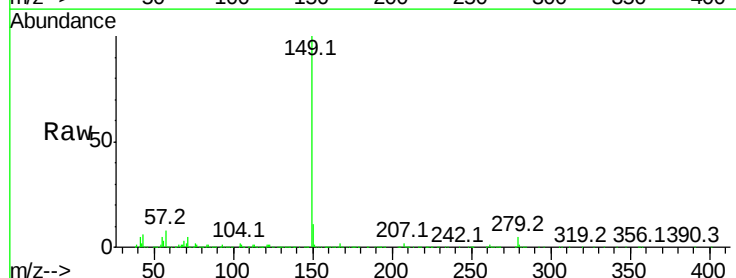


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

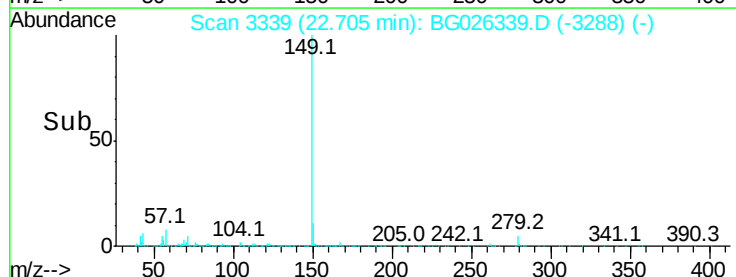
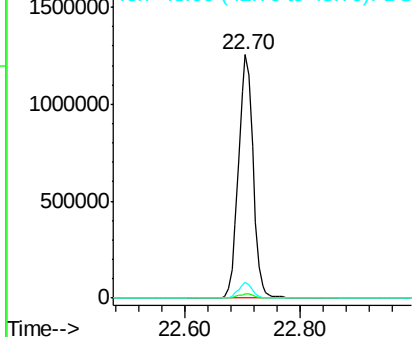


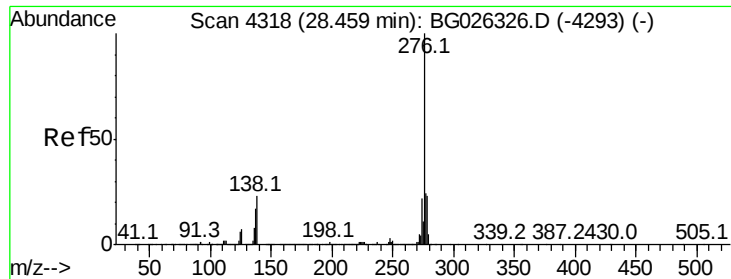
#84
 Di-n-octyl phthalate
 Concen: 47.26 ng
 RT: 22.70 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

Tgt Ion:149 Resp: 2207032
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 6.0 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO

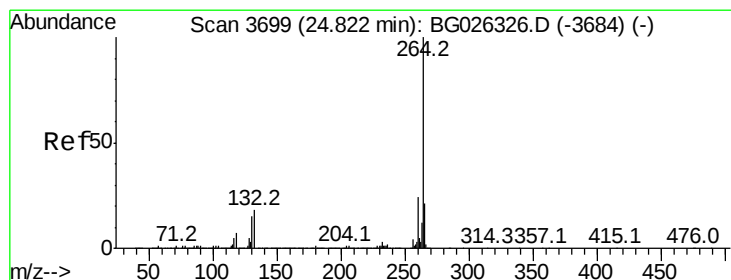
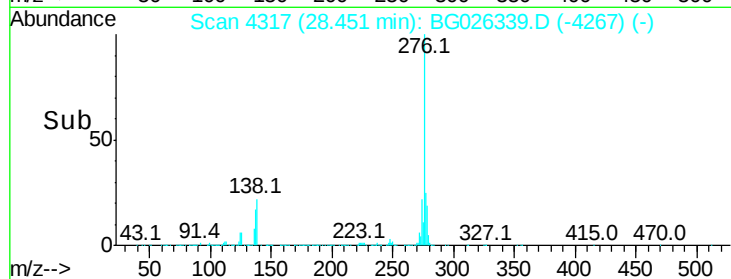
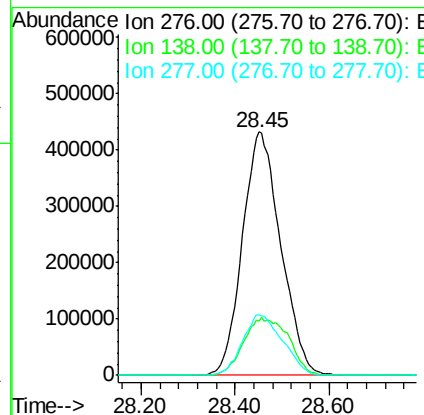
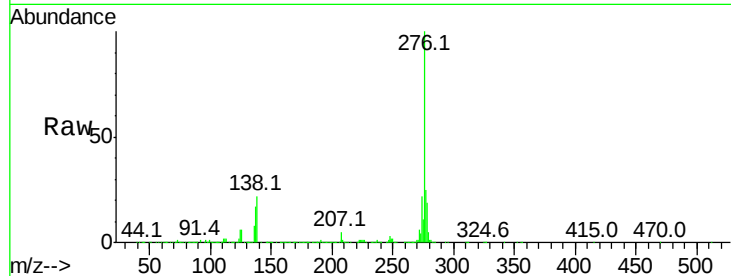




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.11 ng
 RT: 28.45 min Scan# 4317
 Delta R.T. -0.01 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

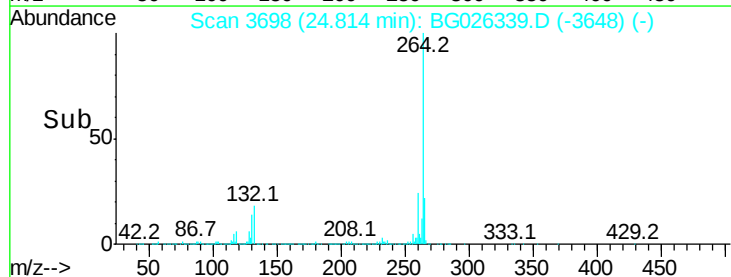
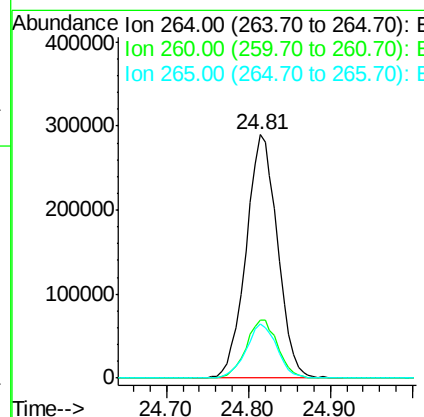
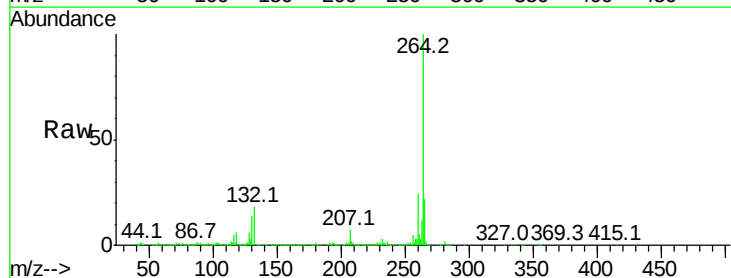
Instrument :
 BNA_G
 ClientSampleId :
 PB97592BS

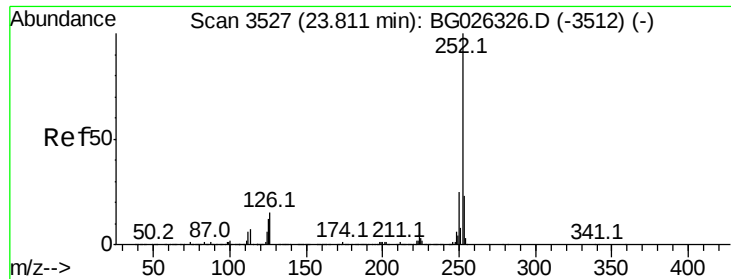
Tot Ion:276 Resp: 2445874
 Ion Ratio Lower Upper
 276 100
 138 27.7 4.7 7.1#
 277 26.2 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.81 min Scan# 3698
 Delta R.T. -0.01 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

Tgt Ion:264 Resp: 772262
 Ion Ratio Lower Upper
 264 100
 260 23.6 21.8 32.8
 265 22.0 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 46.67 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.00 min

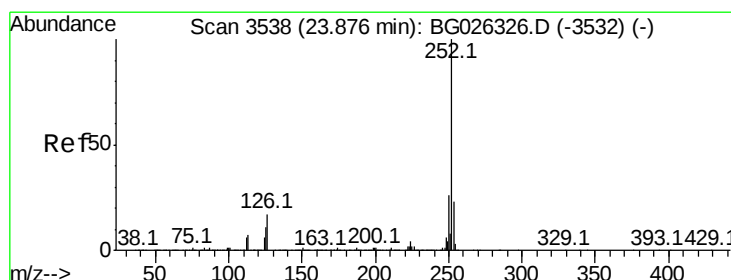
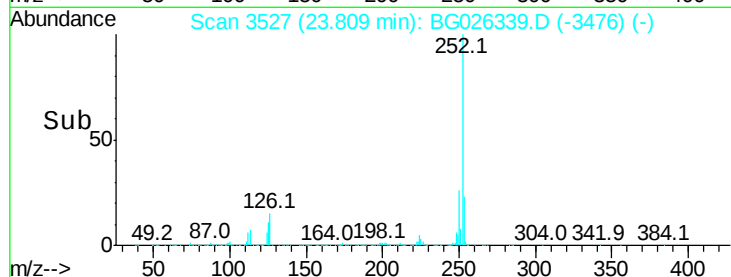
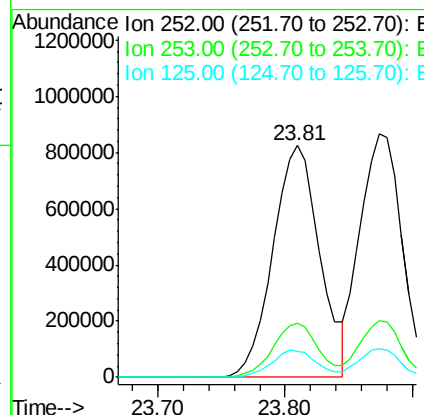
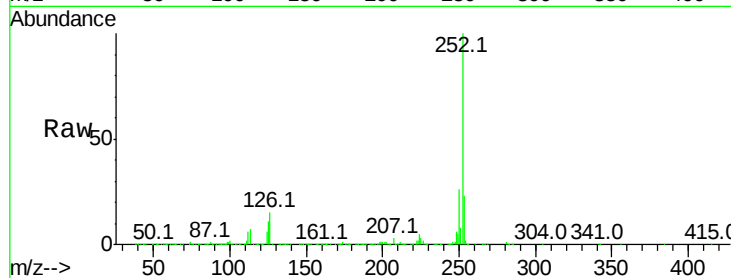
Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :
BNA_G
ClientSampleId :
PB97592BS

Tot Ion:252 Resp: 2124579

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	11.5	5.3	7.9#



#88

Benzo(k)fluoranthene

Concen: 45.06 ng

RT: 23.87 min Scan# 3538

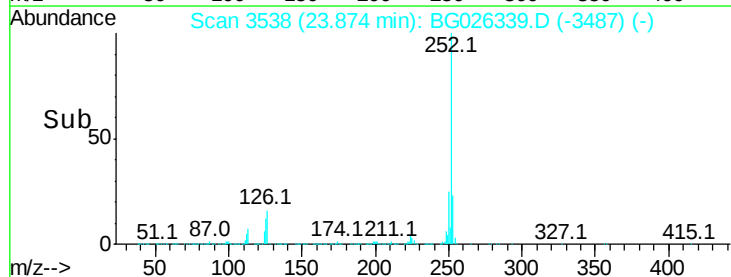
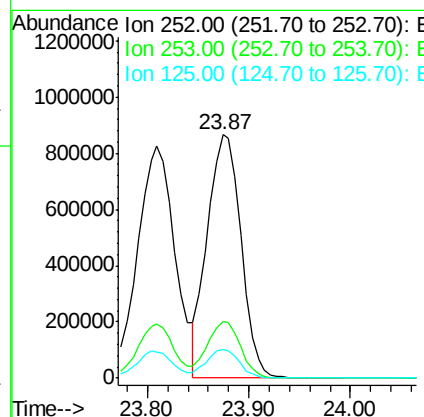
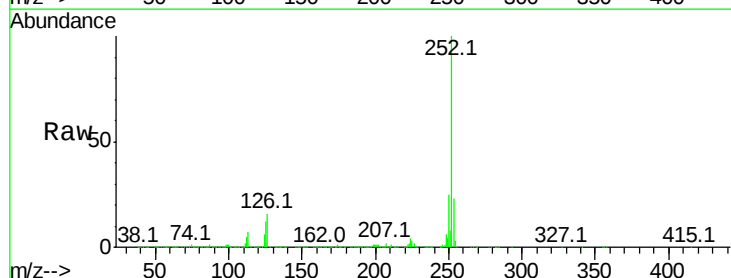
Delta R.T. -0.00 min

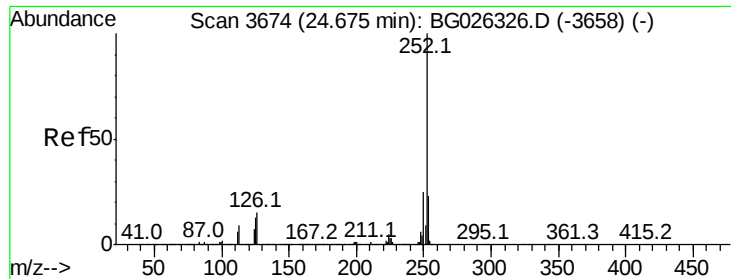
Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Tgt Ion:252 Resp: 1989105

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.2	30.2
125	11.6	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 46.09 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA_G

ClientSampleId :

PB97592BS

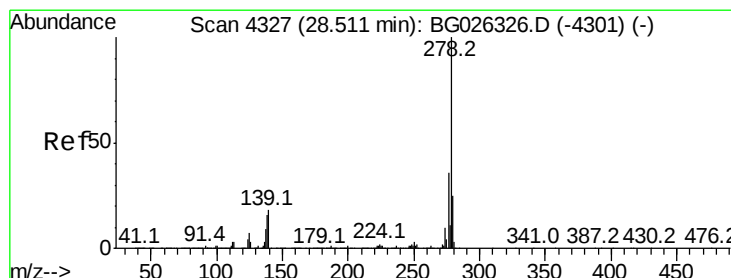
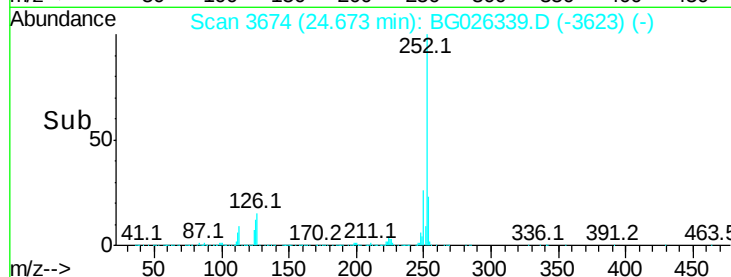
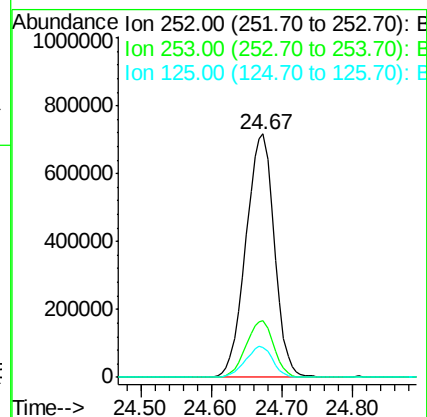
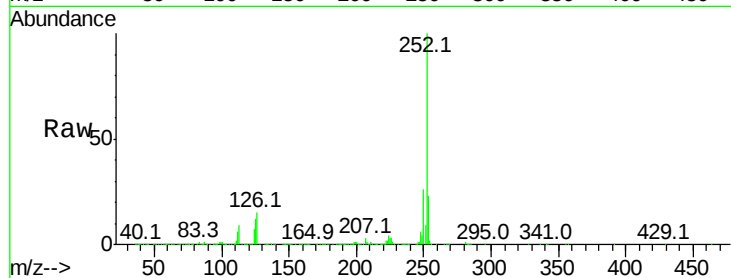
Tot Ion:252 Resp: 2012379

Ion Ratio Lower Upper

252 100

253 23.1 19.2 28.8

125 12.4 5.4 8.0#



#90

Dibenzo(a,h)anthracene

Concen: 45.82 ng

RT: 28.50 min Scan# 4326

Delta R.T. -0.01 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

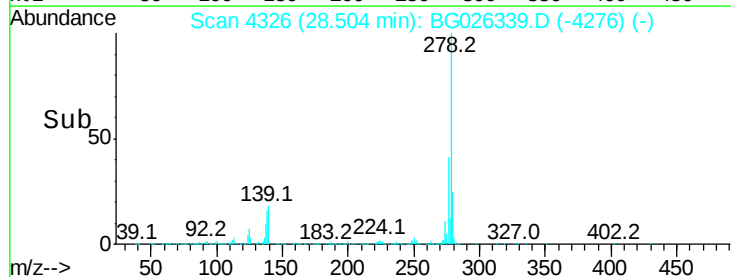
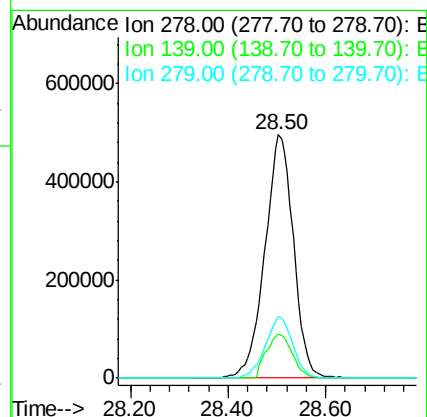
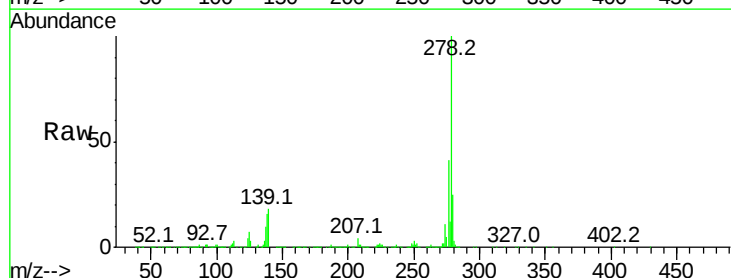
Tgt Ion:278 Resp: 2022064

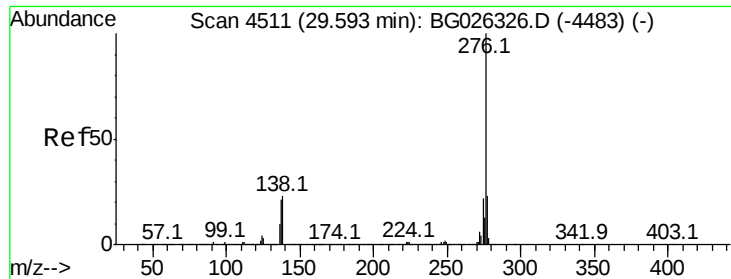
Ion Ratio Lower Upper

278 100

139 17.9 7.7 11.5#

279 25.2 19.1 28.7





#91
 Benzo(a,h,i)perylene
 Concen: 45.72 ng
 RT: 29.59 min Scan# 4511
 Delta R.T. -0.00 min
 Lab File: BG026339.D
 Acq: 20 Mar 2017 23:02

Instrument :
 BNA_G
 ClientSampleId :
 PB97592BS

Tot Ion:276 Resp: 2033012

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	27.8
138	23.8	8.1	12.1

