

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030417\
 Data File : BG026067.D
 Acq On : 3 Mar 2017 17:09
 Operator : SJ/MA
 Sample : PB97313BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97313BS

Quant Time: Mar 03 22:55:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	115412	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	495830	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	281212	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	666905	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	694814	20.00	ng	-0.03
86) Perylene-d12	24.84	264	664216	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	594244	89.64	ng	-0.01
7) Phenol-d6	7.23	99	768601	78.35	ng	0.00
23) Nitrobenzene-d5	9.23	82	616558	78.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	269122	103.58	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1564353	97.20	ng	-0.02
78) Terphenyl-d14	20.00	244	2087834	73.08	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	94052	31.04	ng	# 77
3) Pyridine	3.93	79	270543	29.97	ng	# 66
4) n-Nitrosodimethylamine	3.84	42	100973	31.10	ng	# 16
6) Aniline	7.39	93	216970	15.91	ng	# 87
8) 2-Chlorophenol	7.63	128	311468	39.53	ng	# 85
9) Benzaldehyde	7.20	77	63886	10.99	ng	# 74
10) Phenol	7.25	94	403272	37.83	ng	# 72
11) bis(2-Chloroethyl)ether	7.49	93	297809	33.99	ng	# 86
12) 1,3-Dichlorobenzene	7.96	146	340303	37.37	ng	# 86
13) 1,4-Dichlorobenzene	8.10	146	348073	37.73	ng	# 95
14) 1,2-Dichlorobenzene	8.43	146	331601	36.61	ng	# 92
15) Benzyl Alcohol	8.30	79	255392	35.55	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.60	45	332828	26.18	ng	# 84
17) 2-Methylphenol	8.50	107	273866	35.66	ng	# 83
18) Hexachloroethane	9.16	117	113726	37.19	ng	# 91
19) n-Nitroso-di-n-propylamine	8.87	70	225295	31.45	ng	# 75
20) 3+4-Methylphenols	8.83	107	370769	33.89	ng	# 86
22) Acetophenone	8.88	105	444539	37.36	ng	# 76
24) Nitrobenzene	9.27	77	319338	37.59	ng	# 78
25) Isophorone	9.79	82	623038	36.03	ng	# 91
26) 2-Nitrophenol	9.98	139	171231	43.10	ng	# 70
27) 2,4-Dimethylphenol	10.04	122	303171	40.88	ng	# 88
28) bis(2-Chloroethoxy)methane	10.27	93	396618	36.20	ng	# 99
29) 2,4-Dichlorophenol	10.51	162	300948	42.52	ng	# 95
30) 1,2,4-Trichlorobenzene	10.74	180	309016	40.15	ng	# 98
31) Naphthalene	10.92	128	948536	37.00	ng	# 99
32) Benzoic acid	10.15	122	185725	32.80	ng	# 76
33) 4-Chloroaniline	11.02	127	114148	10.25	ng	# 82
34) Hexachlorobutadiene	11.21	225	179248	40.93	ng	# 95
35) Caprolactam	11.78	113	112575	39.39	ng	# 64
36) 4-Chloro-3-methylphenol	12.13	107	313416	37.01	ng	# 77
37) 2-Methylnaphthalene	12.52	142	720964	36.93	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	321279	45.58	ng	# 99
40) Hexachlorocyclopentadiene	12.87	237	395515	102.55	ng	# 95

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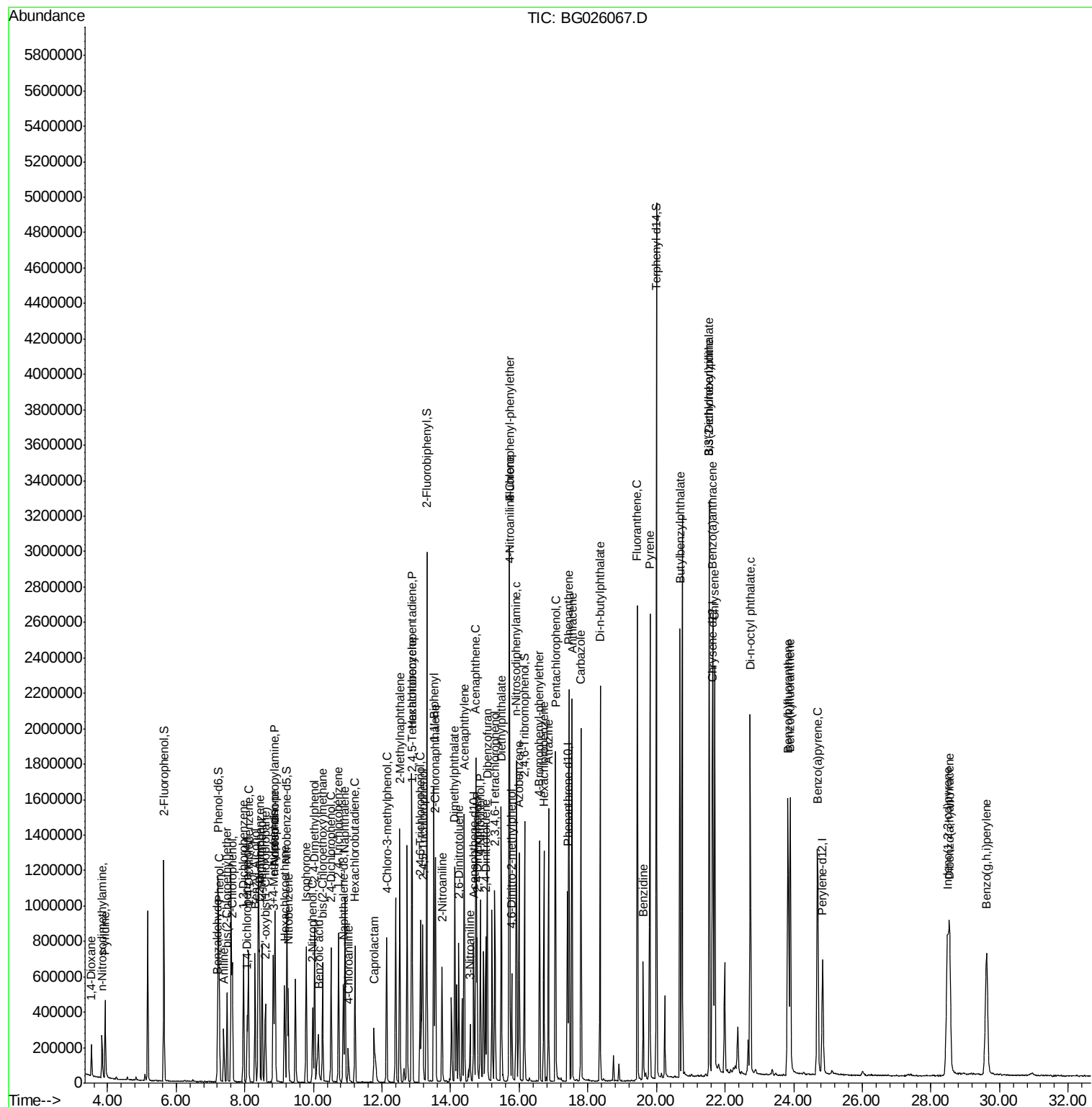
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	229616	50.44	nq	96
43) 2,4,5-Trichlorophenol	13.19	196	239429	46.33	nq	93
45) 1,1'-Biphenyl	13.51	154	916057	44.95	nq	97
46) 2-Chloronaphthalene	13.56	162	666535	45.24	nq	97
47) 2-Nitroaniline	13.75	65	197804	42.33	nq	# 66
48) Acenaphthylene	14.40	152	1128473	43.02	nq	99
49) Dimethylphthalate	14.12	163	865683	44.87	nq	98
50) 2,6-Dinitrotoluene	14.24	165	198454	45.79	nq	# 67
51) Acenaphthene	14.74	154	813176	46.94	nq	99
52) 3-Nitroaniline	14.57	138	101031	20.84	nq	# 69
53) 2,4-Dinitrophenol	14.77	184	206463	91.04	nq	# 84
54) Dibenzofuran	15.07	168	1054947	45.68	nq	92
55) 4-Nitrophenol	14.87	139	334126	84.69	nq	# 49
56) 2,4-Dinitrotoluene	15.02	165	275335	47.23	nq	# 76
57) Fluorene	15.71	166	873989	42.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	231518	50.78	nq	98
59) Diethylphthalate	15.48	149	895189	44.86	nq	98
60) 4-Chlorophenyl-phenylether	15.71	204	412136	43.10	nq	93
61) 4-Nitroaniline	15.72	138	208745	41.54	nq	# 52
62) Azobenzene	15.99	77	787548	45.91	nq	84
64) 4,6-Dinitro-2-methylphenol	15.78	198	160714	41.18	nq	88
65) n-Nitrosodiphenylamine	15.91	169	773963	38.27	nq	98
66) 4-Bromophenyl-phenylether	16.59	248	278603	39.86	nq	99
67) Hexachlorobenzene	16.72	284	285657	39.65	nq	95
68) Atrazine	16.85	200	294025	41.07	nq	97
69) Pentachlorophenol	17.06	266	361810	81.42	nq	97
70) Phenanthrene	17.45	178	1405211	38.81	nq	97
71) Anthracene	17.54	178	1439452	39.00	nq	99
72) Carbazole	17.80	167	1340469	36.15	nq	96
73) Di-n-butylphthalate	18.36	149	1674085	46.00	nq	# 94
74) Fluoranthene	19.44	202	1664135	41.75	nq	94
76) Benzidine	19.61	184	423059	19.29	nq	98
77) Pyrene	19.81	202	1699758	38.68	nq	98
79) Butylbenzylphthalate	20.68	149	779188	46.72	nq	86
80) Benzo(a)anthracene	21.63	228	1524879	37.59	nq	96
81) 3,3'-Dichlorobenzidine	21.54	252	294990	20.40	nq	# 97
82) Chrysene	21.70	228	1431597	36.70	nq	97
83) Bis(2-ethylhexyl)phthalate	21.53	149	1160423	48.19	nq	# 99
84) Di-n-octyl phthalate	22.74	149	1977924	49.74	nq	# 83
85) Indeno(1,2,3-cd)pyrene	28.49	276	1595363	34.72	nq	# 93
87) Benzo(b)fluoranthene	23.83	252	1565749	39.36	nq	# 97
88) Benzo(k)fluoranthene	23.90	252	1495673	38.53	nq	# 92
89) Benzo(a)pyrene	24.70	252	1450650	38.51	nq	# 94
90) Dibenzo(a,h)anthracene	28.55	278	1283229	33.91	nq	# 93
91) Benzo(g,h,i)perylene	29.63	276	1376125	36.27	nq	# 88

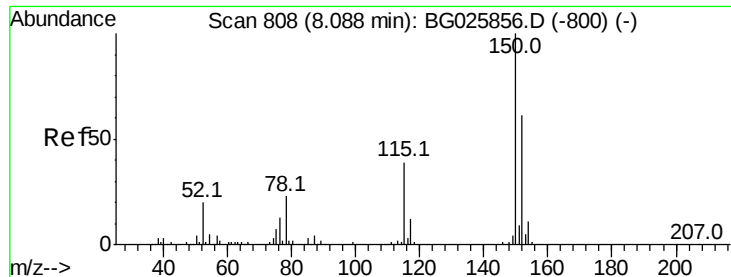
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

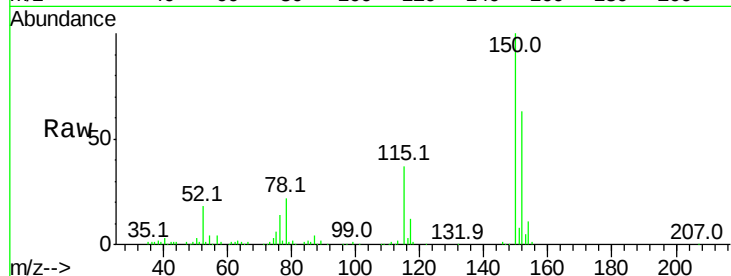
Tot Ion:152 Resp: 115412

Ion Ratio Lower Upper

152 100

150 158.0 114.0 171.0

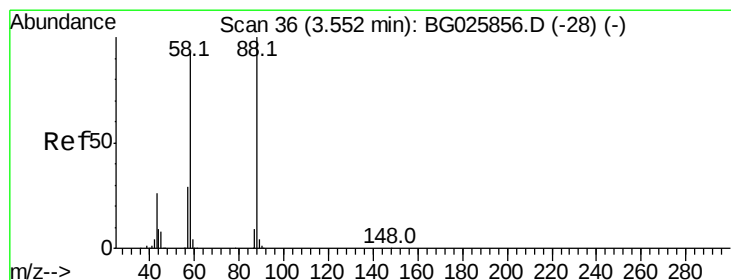
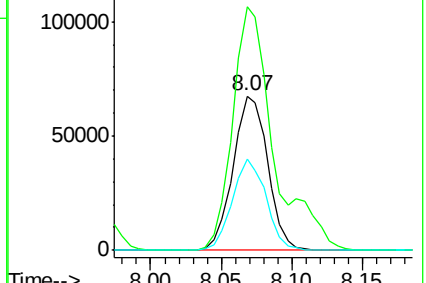
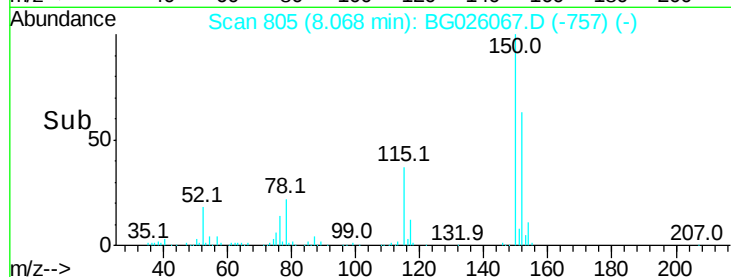
115 59.2 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.04 ng

RT: 3.53 min Scan# 33

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

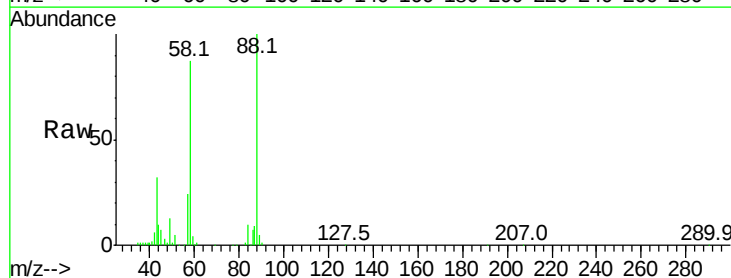
Tgt Ion: 88 Resp: 94052

Ion Ratio Lower Upper

88 100

58 80.1 79.4 119.2

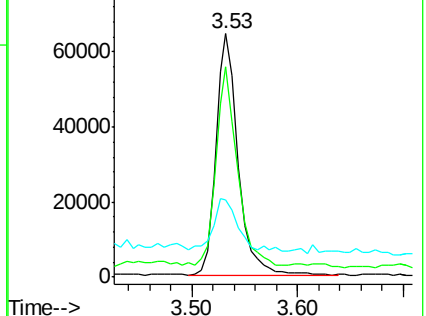
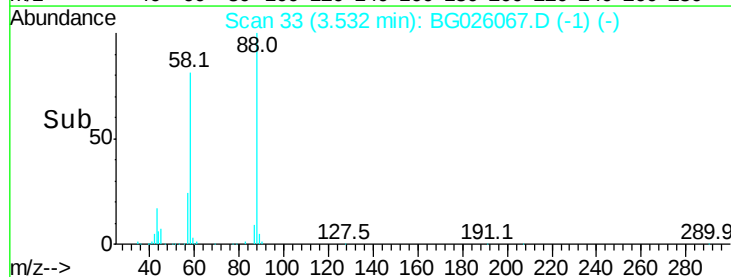
43 21.9 33.8 50.6#

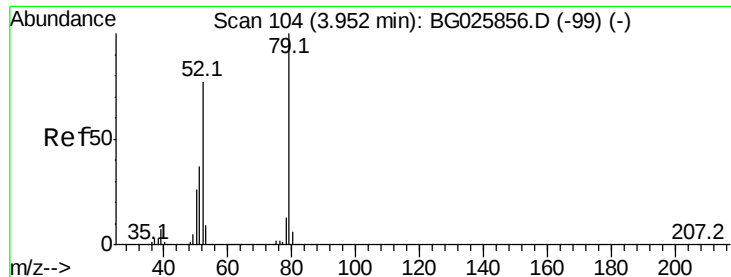


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.97 ng

RT: 3.93 min Scan# 100

Delta R.T. -0.03 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

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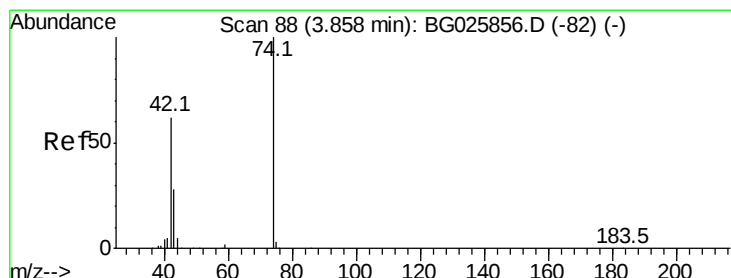
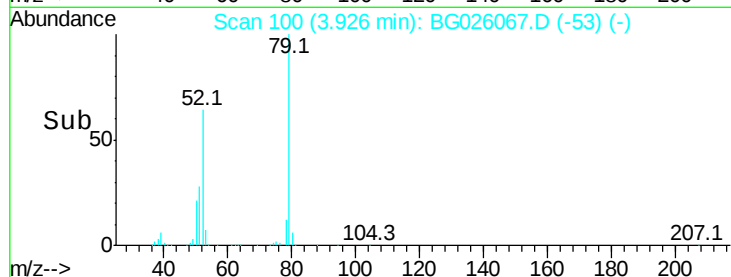
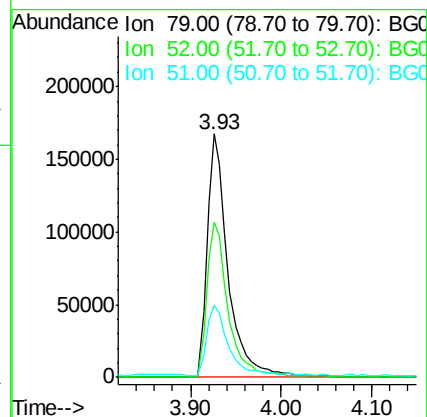
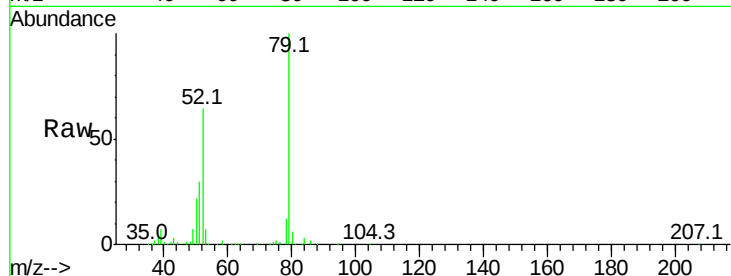
Tot Ion: 79 Resp: 270543

Ion Ratio Lower Upper

79 100

52 64.0 77.8 116.6#

51 29.8 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 31.10 ng

RT: 3.84 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

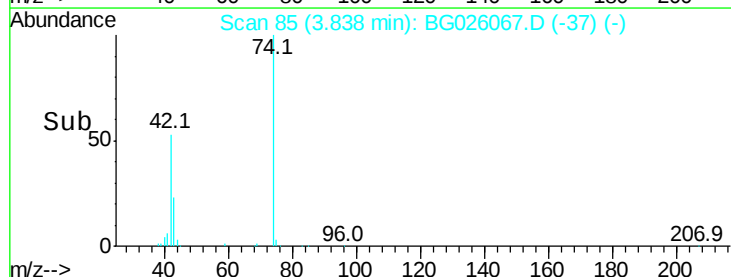
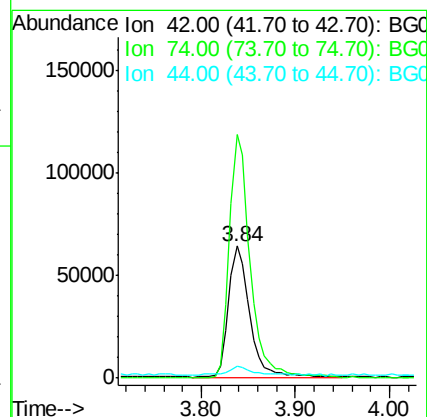
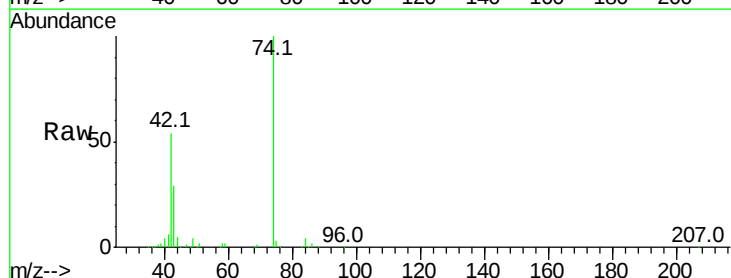
Tgt Ion: 42 Resp: 100973

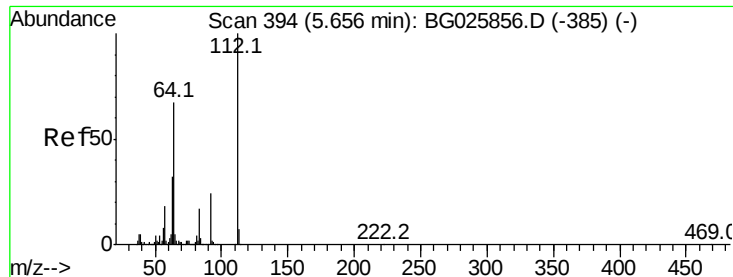
Ion Ratio Lower Upper

42 100

74 184.1 76.7 115.1#

44 9.0 6.1 9.1





#5

2-Fluorophenol

Concen: 89.64 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026067.D

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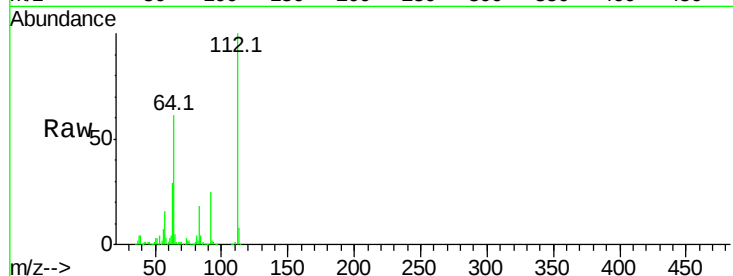
Tot Ion:112 Resp: 594244

Ion Ratio Lower Upper

112 100

64 61.0 61.8 92.6#

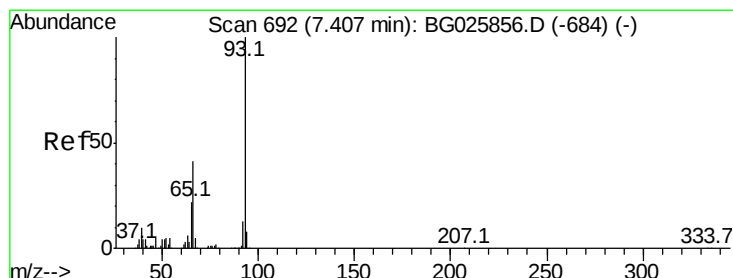
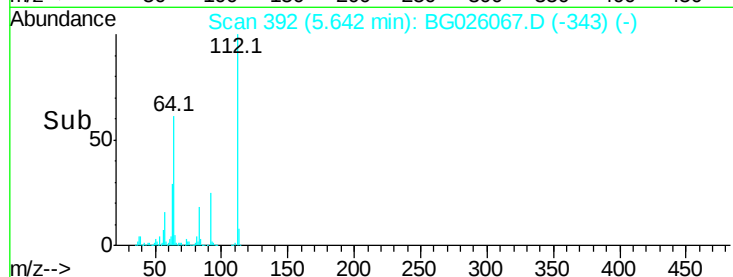
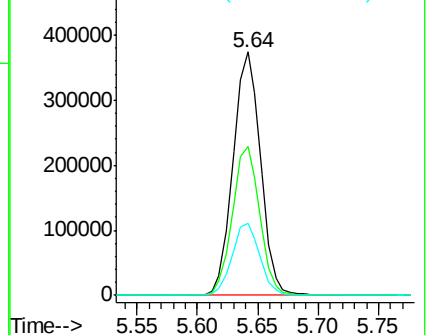
63 29.4 37.2 55.8#



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: 15.91 ng

RT: 7.39 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

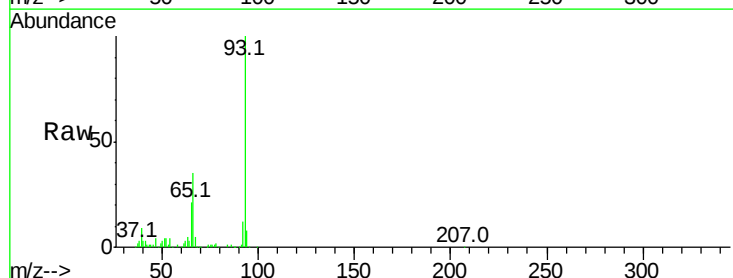
Tgt Ion: 93 Resp: 216970

Ion Ratio Lower Upper

93 100

66 35.1 35.4 53.2#

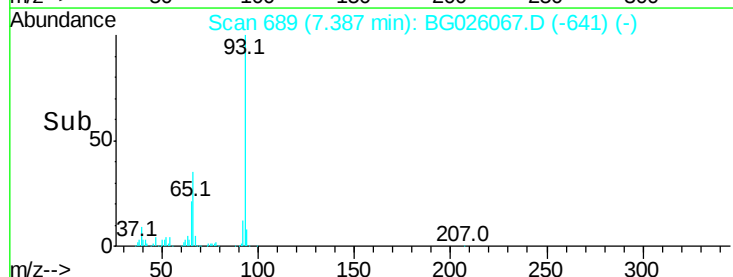
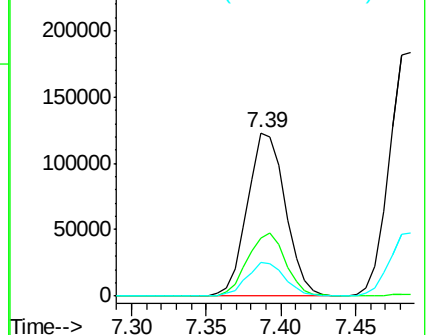
65 20.6 21.2 31.8#

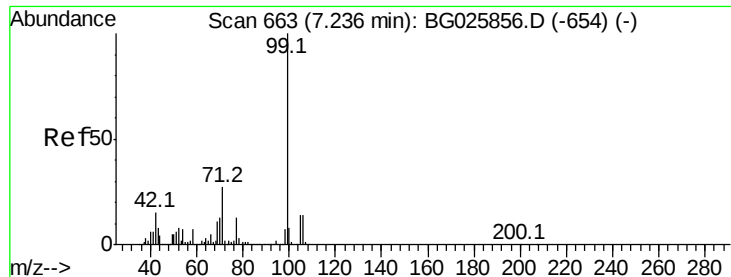


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.35 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

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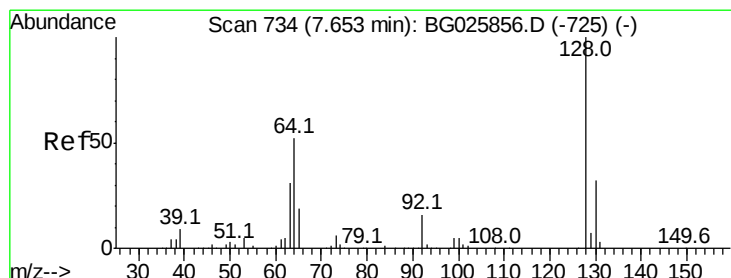
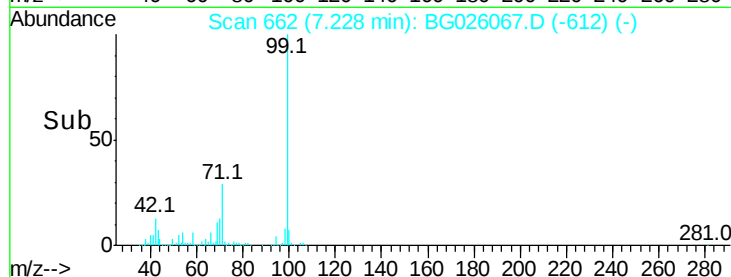
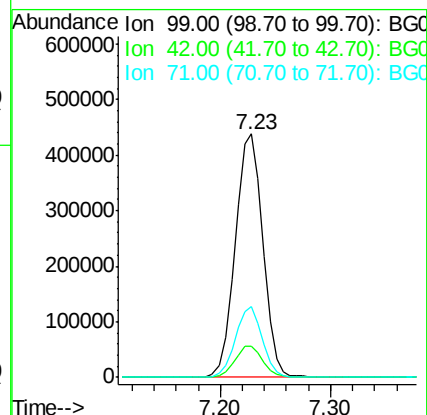
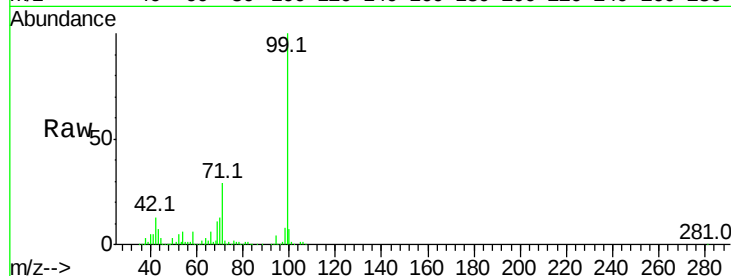
Tot Ion: 99 Resp: 768601

Ion Ratio Lower Upper

99 100

42 12.9 20.5 30.7#

71 28.8 37.6 56.4#



#8

2-Chlorophenol

Concen: 39.53 ng

RT: 7.63 min Scan# 731

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

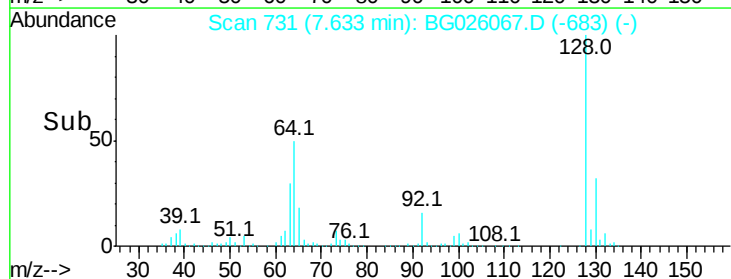
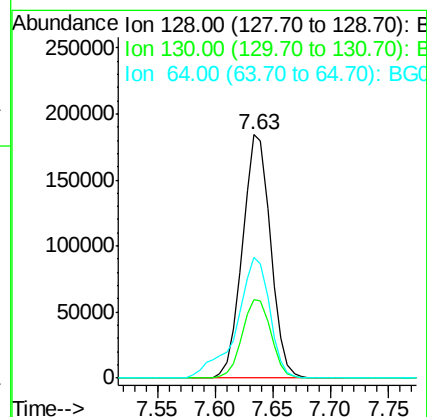
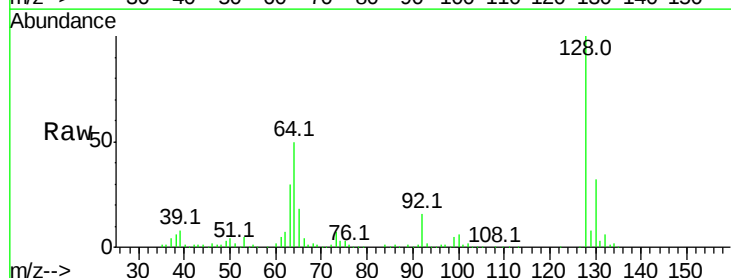
Tgt Ion: 128 Resp: 311468

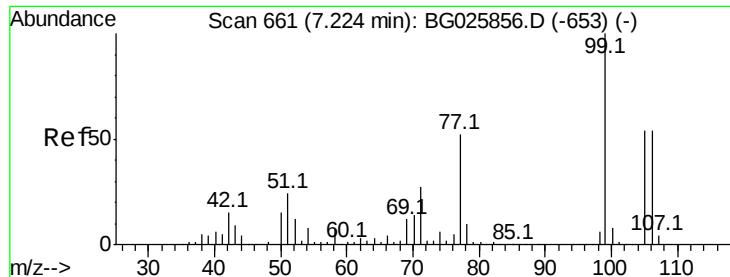
Ion Ratio Lower Upper

128 100

130 32.4 11.4 51.4

64 49.6 46.6 86.6





#9

Benzaldehyde

Concen: 10.99 ng

RT: 7.20 min Scan# 657

Delta R.T. -0.03 min

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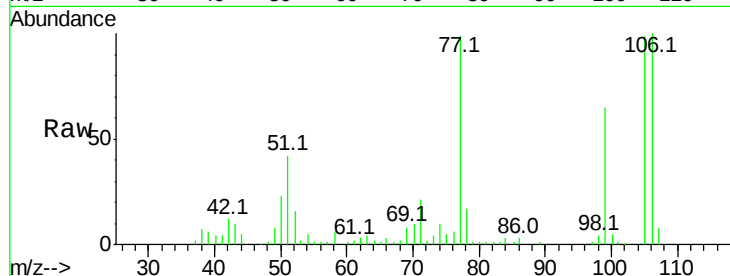
Tot Ion: 77 Resp: 63886

Ion Ratio Lower Upper

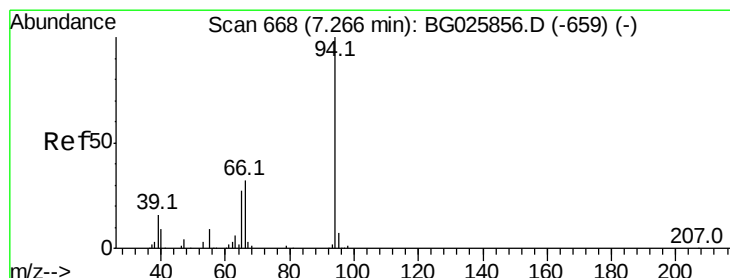
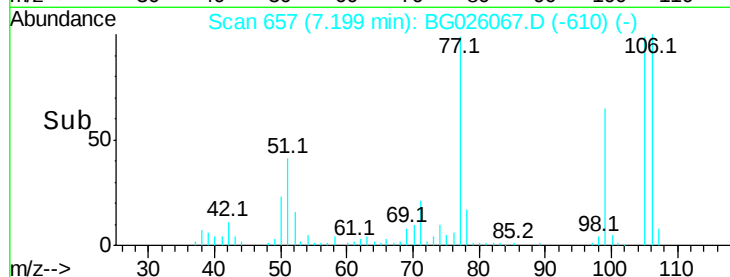
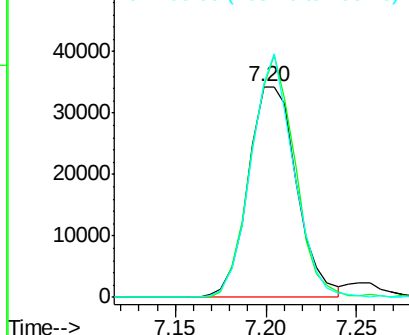
77 100

105 100.1 60.9 100.9

106 101.3 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: 37.83 ng

RT: 7.25 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

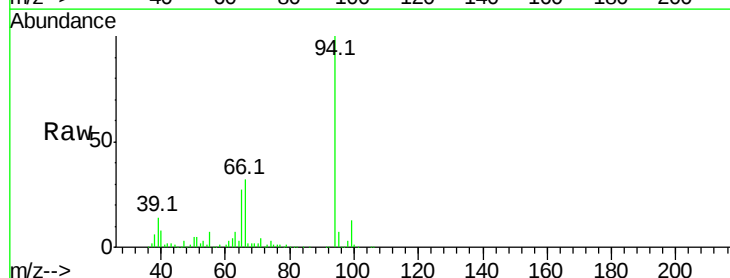
Tgt Ion: 94 Resp: 403272

Ion Ratio Lower Upper

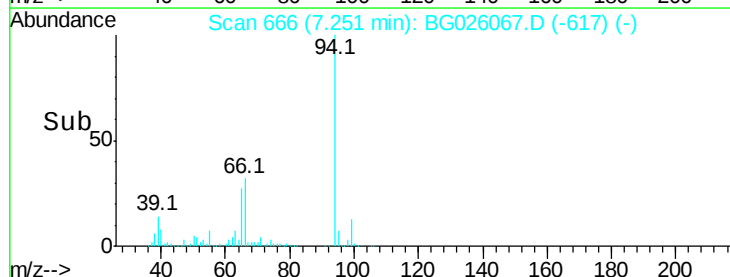
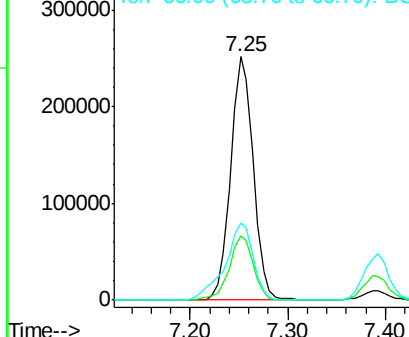
94 100

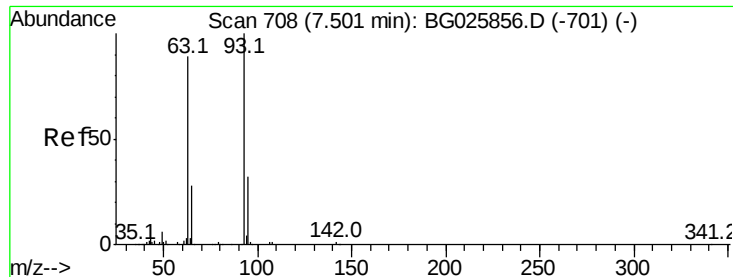
65 26.7 20.6 60.6

66 31.6 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

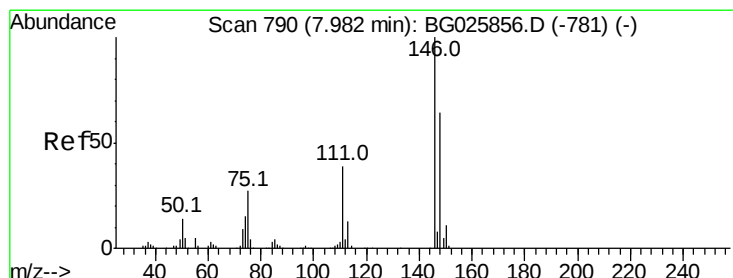
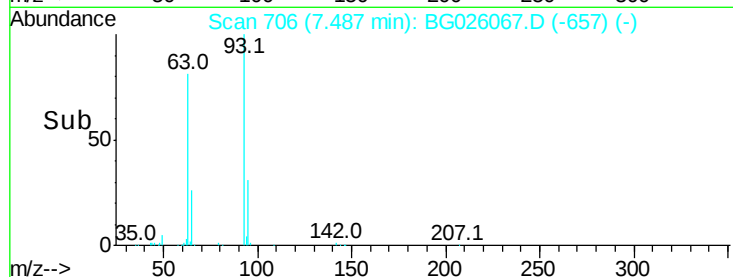
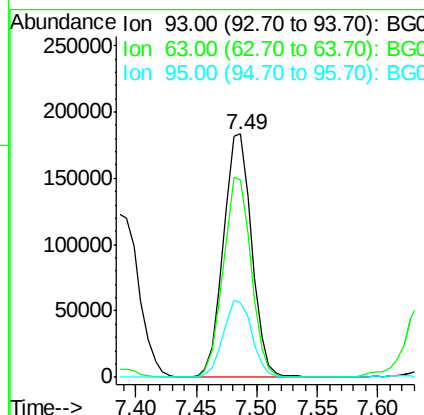
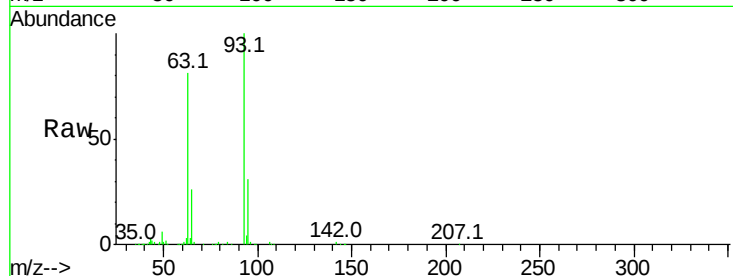




#11
bis(2-Chloroethyl)ether
Concen: 33.99 ng
RT: 7.49 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

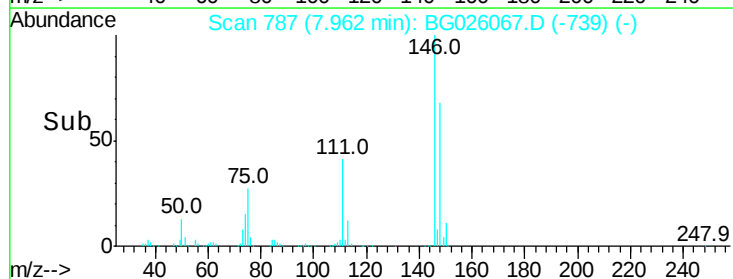
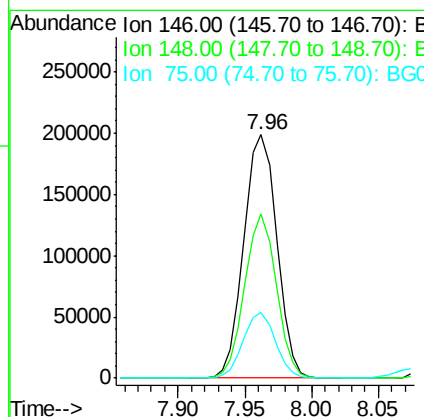
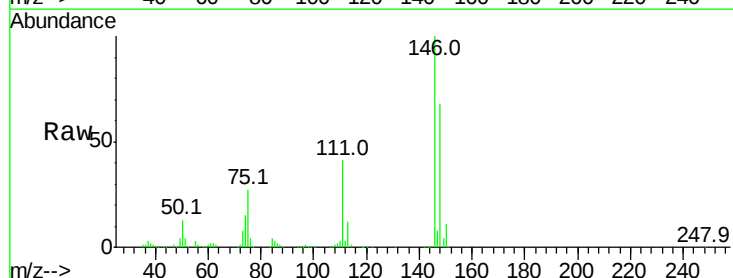
Instrument :
BNA_G
ClientSampleId :
PB97313BS

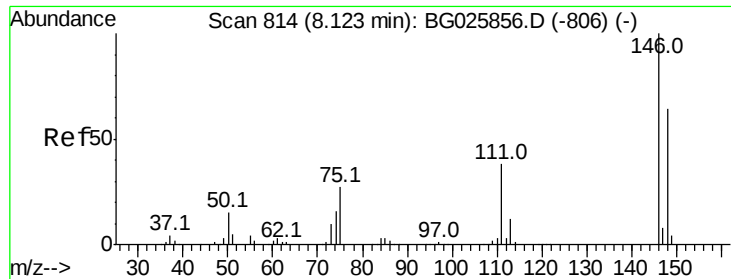
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.3	78.5	118.5
95	30.8	9.8	49.8



#12
1,3-Dichlorobenzene
Concen: 37.37 ng
RT: 7.96 min Scan# 787
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	49.2	73.8
75	27.1	33.4	50.2

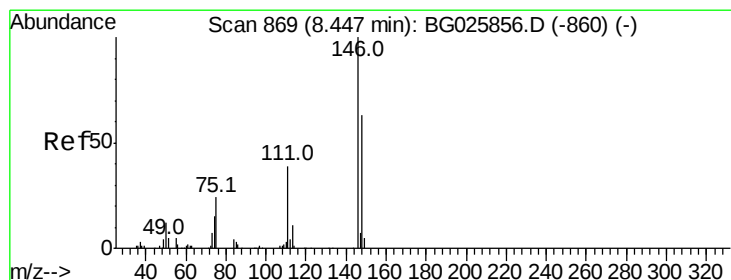
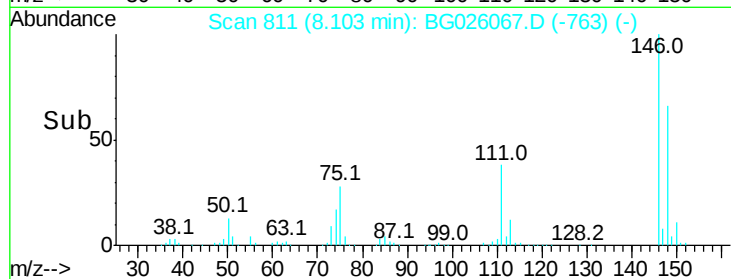
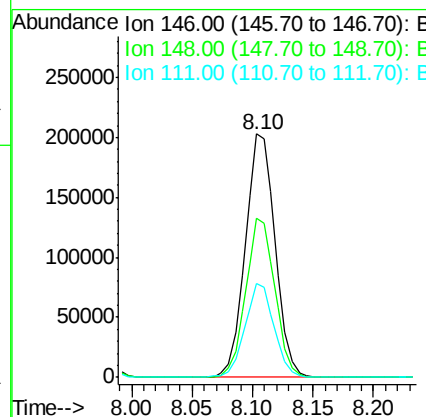
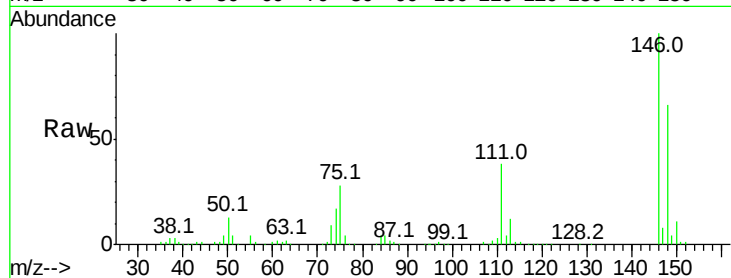




#13
 1,4-Dichlorobenzene
 Concen: 37.73 ng
 RT: 8.10 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

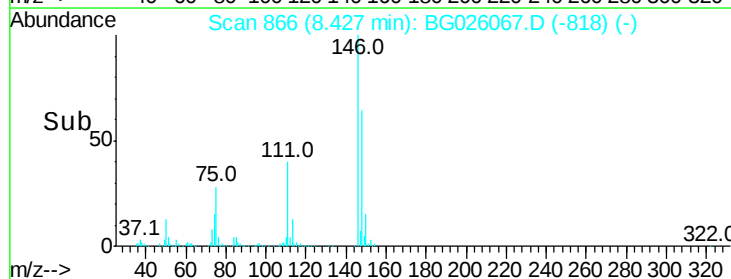
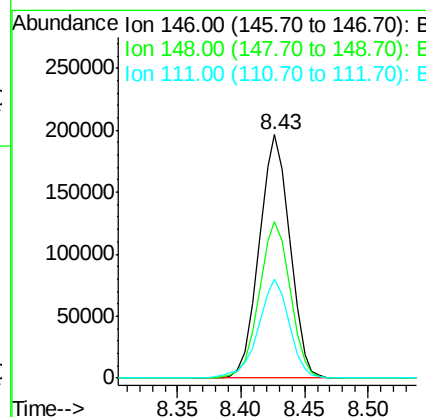
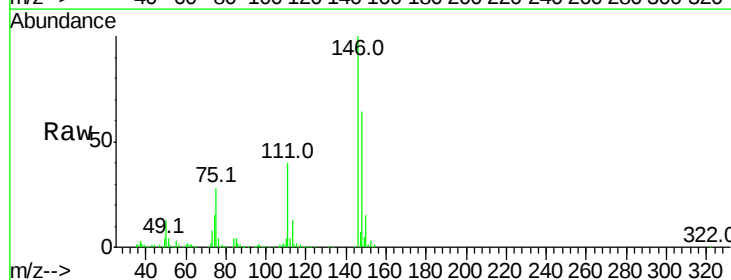
Instrument :
 BNA_G
 ClientSampleID :
 PB97313BS

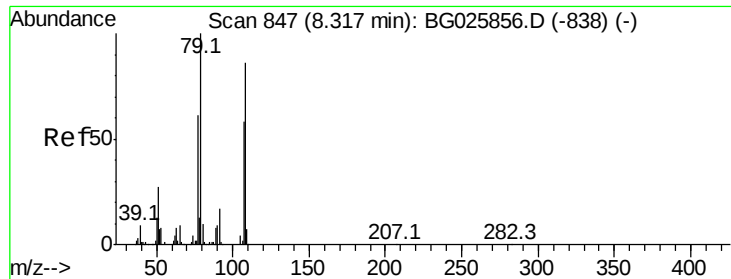
Tot Ion:146 Resp: 348073
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 38.3 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 36.61 ng
 RT: 8.43 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

Tgt Ion:146 Resp: 331601
 Ion Ratio Lower Upper
 146 100
 148 64.5 54.6 81.8
 111 40.5 39.7 59.5





#15

Benzyl Alcohol

Concen: 35.55 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

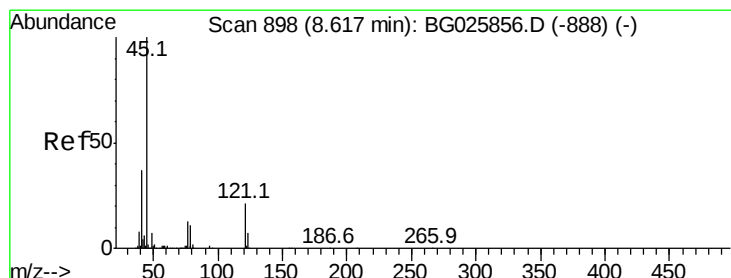
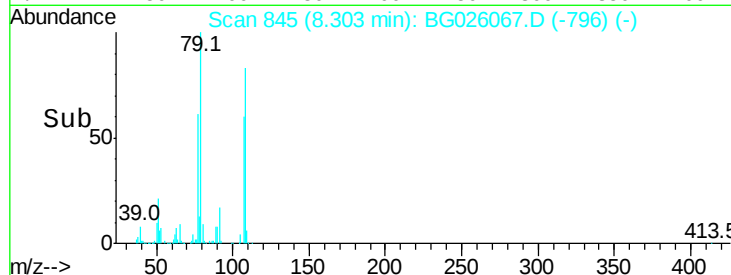
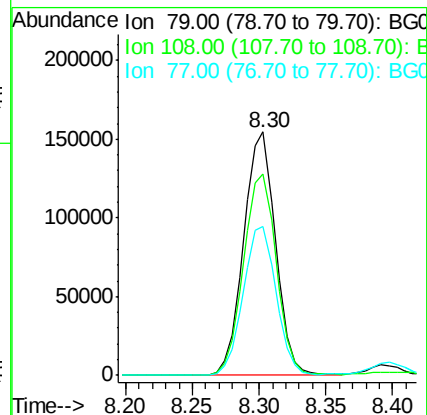
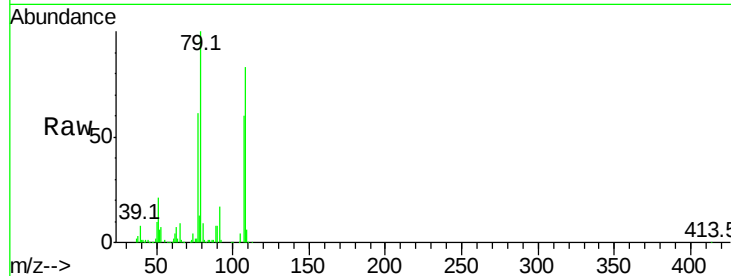
Tot Ion: 79 Resp: 255392

Ion Ratio Lower Upper

79 100

108 82.8 45.5 68.3#

77 61.1 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.18 ng

RT: 8.60 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

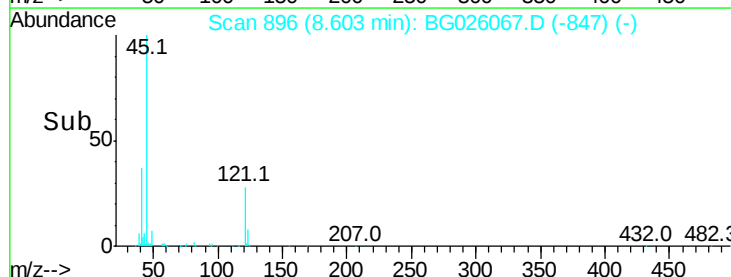
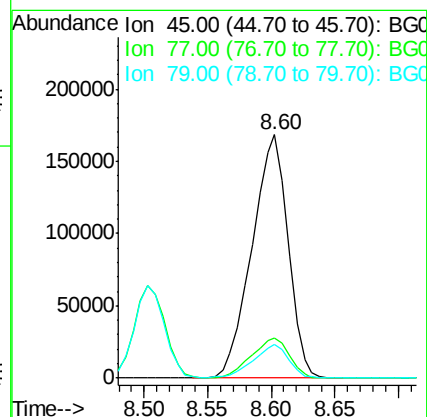
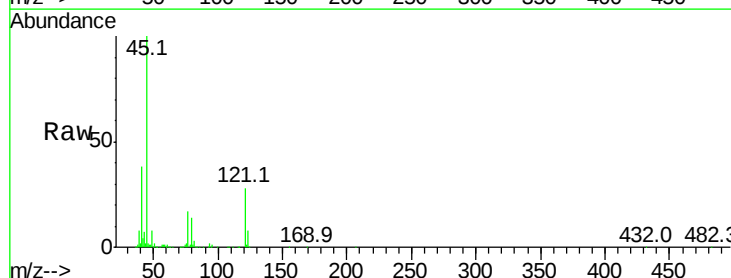
Tgt Ion: 45 Resp: 332828

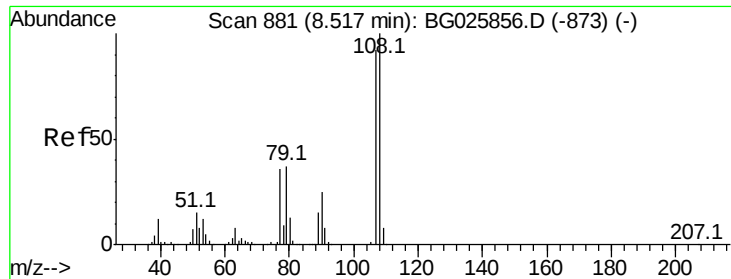
Ion Ratio Lower Upper

45 100

77 16.7 0.0 30.6

79 13.8 0.0 28.5

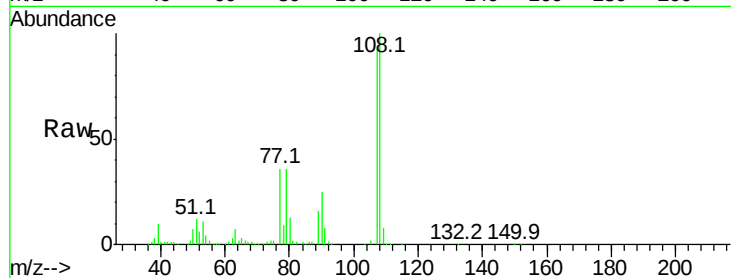




#17
2-Methylphenol
Concen: 35.66 ng
RT: 8.50 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Instrument :
BNA_G
ClientSampleId :
PB97313BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.9	85.6	128.4
77	39.4	51.4	77.2#
79	39.1	49.2	73.8#



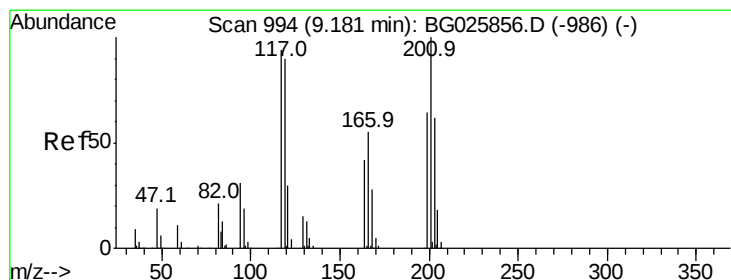
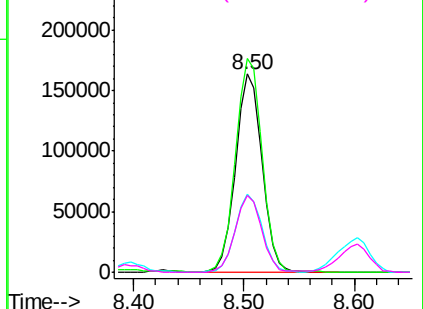
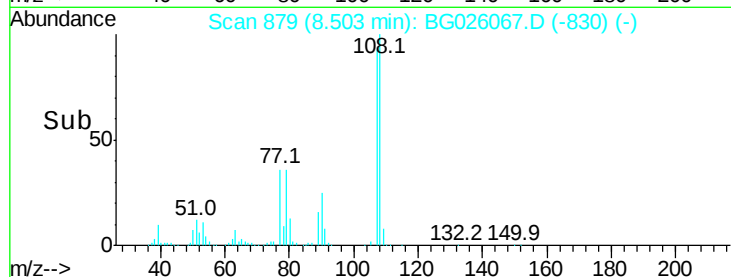
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

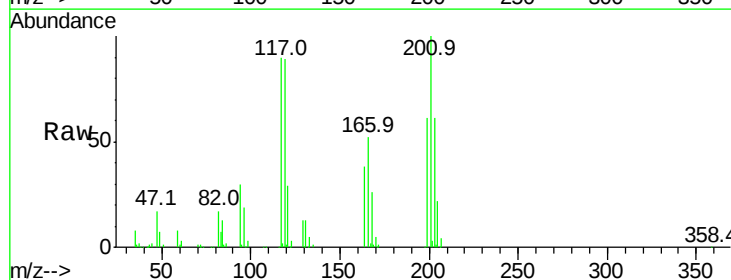
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.19 ng
RT: 9.16 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	69.8	104.6
201	111.5	95.4	143.0

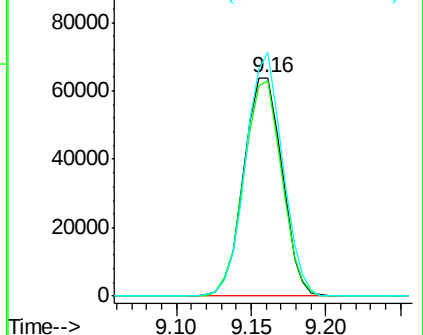
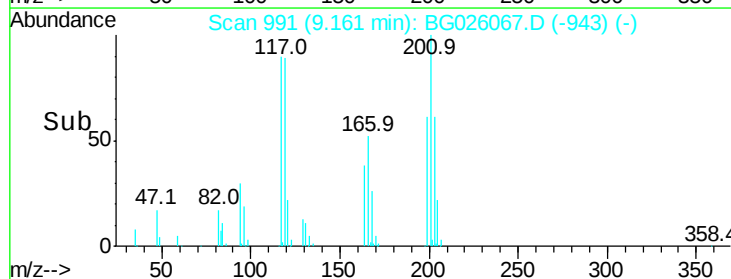


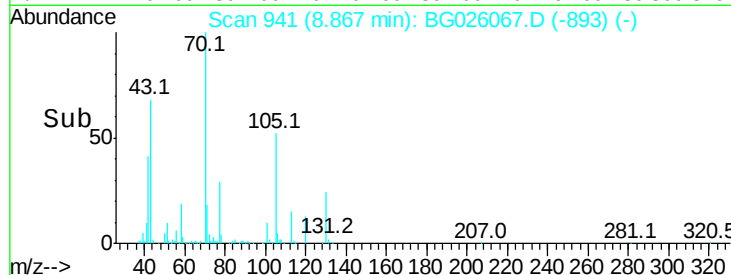
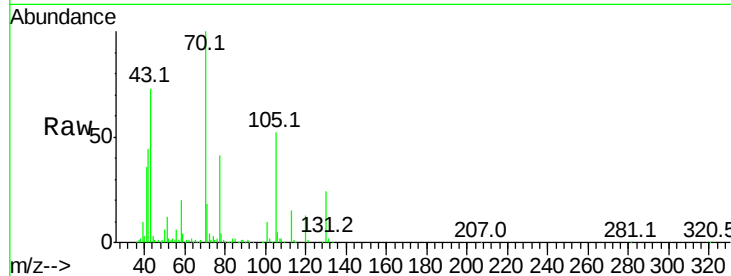
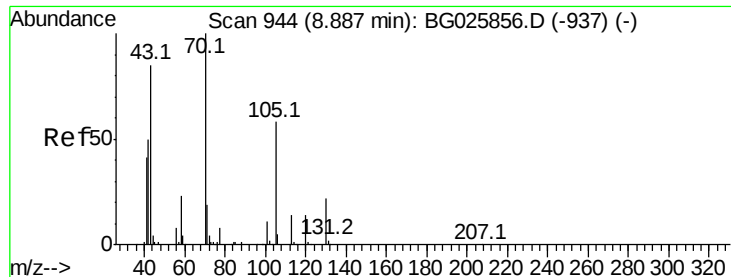
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

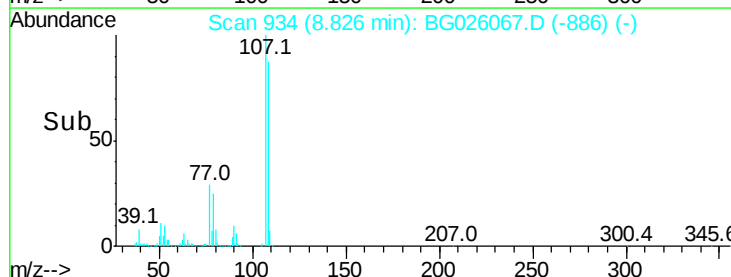
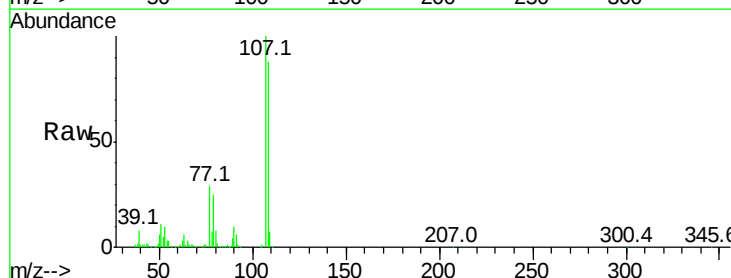
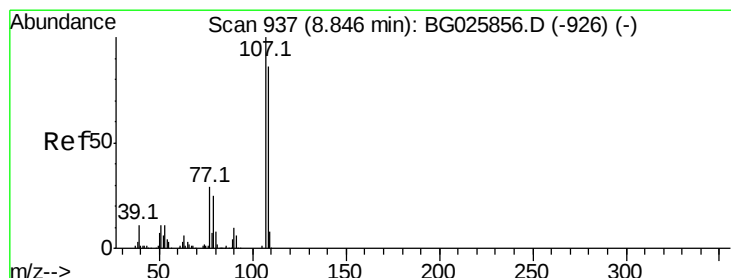
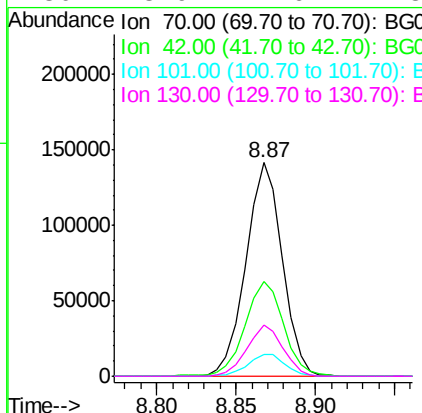




#19
n-Nitroso-di-n-propylamine
Concen: 31.45 ng
RT: 8.87 min Scan# 941
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

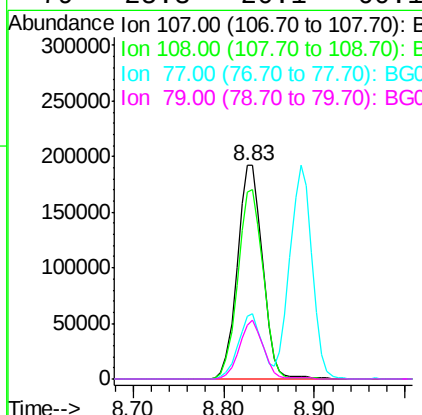
Instrument :
BNA_G
ClientSampleId :
PB97313BS

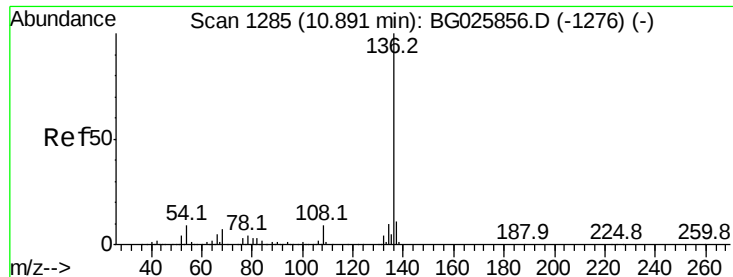
Tot Ion:	70	Resp:	225295
Ion	Ratio	Lower	Upper
70	100		
42	44.4	56.1	84.1#
101	10.3	7.5	11.3
130	23.9	14.6	21.8#



#20
3+4-Methylphenols
Concen: 33.89 ng
RT: 8.83 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion:	107	Resp:	370769
Ion	Ratio	Lower	Upper
107	100		
108	87.6	70.8	110.8
77	29.3	25.8	65.8
79	25.3	20.1	60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

Tot Ion:136 Resp: 495830

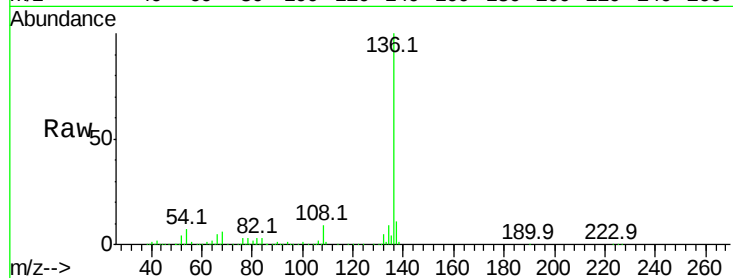
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.5 9.3 13.9#

68 6.5 5.1 7.7

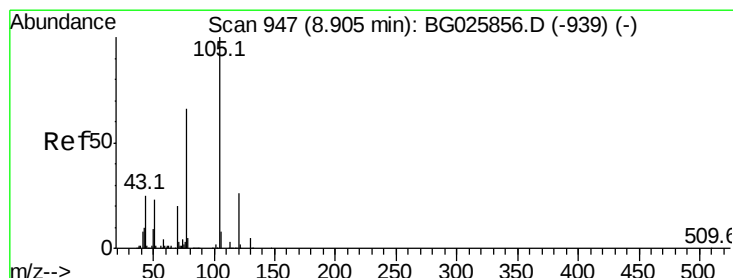
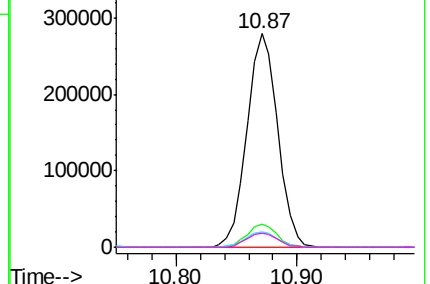
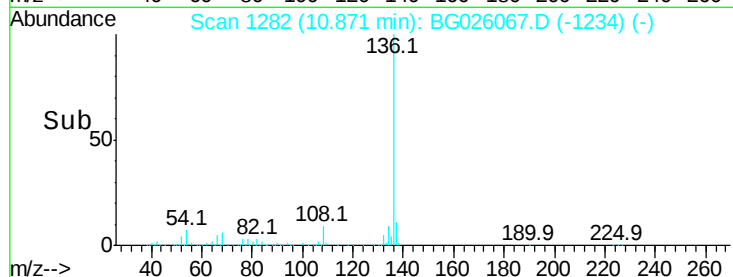


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.36 ng

RT: 8.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Tgt Ion:105 Resp: 444539

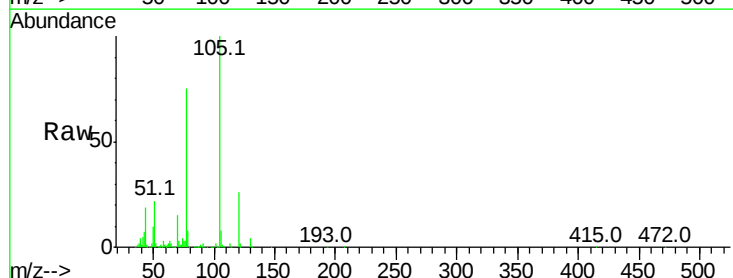
Ion Ratio Lower Upper

105 100

71 2.5 0.9 1.3#

51 22.1 34.0 51.0#

120 25.8 17.3 25.9

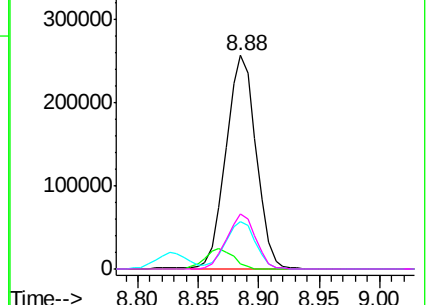
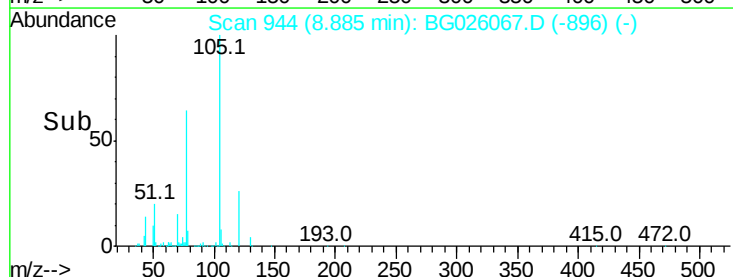


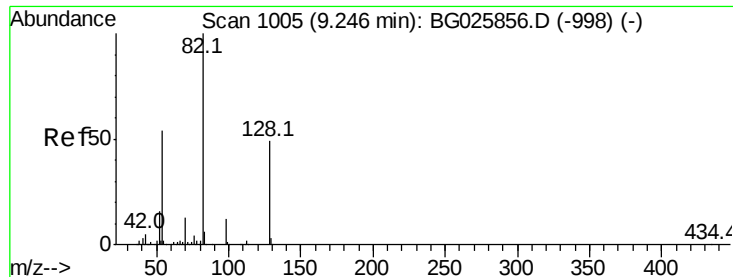
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

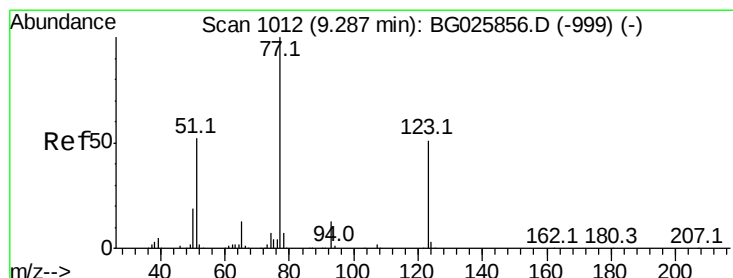
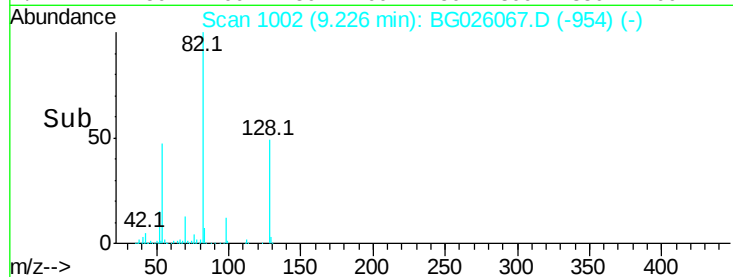
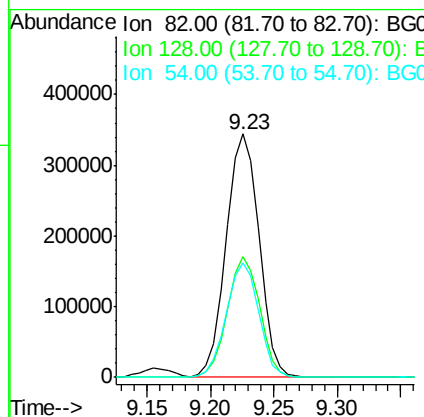
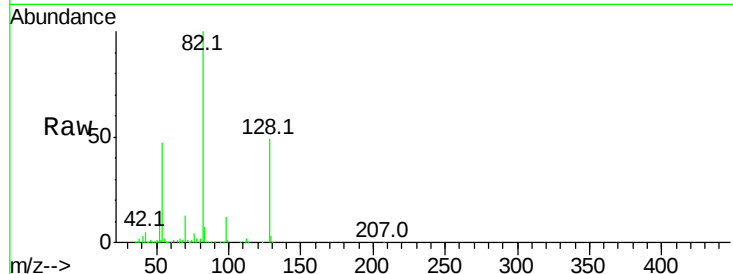




#23
 Nitrobenzene-d5
 Concen: 78.47 ng
 RT: 9.23 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

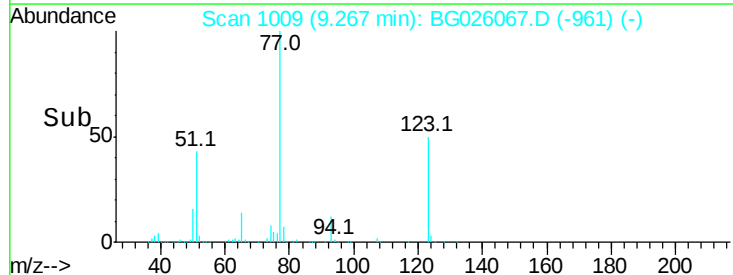
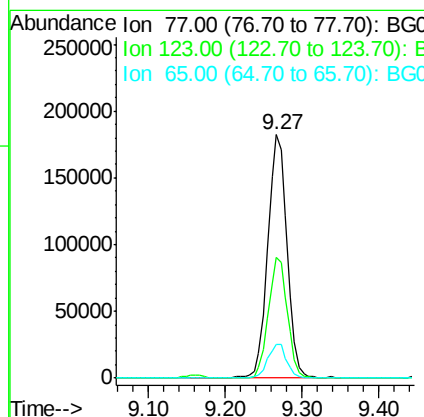
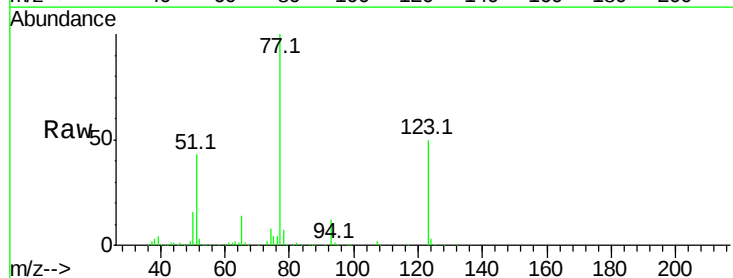
Instrument :
 BNA_G
 ClientSampleId :
 PB97313BS

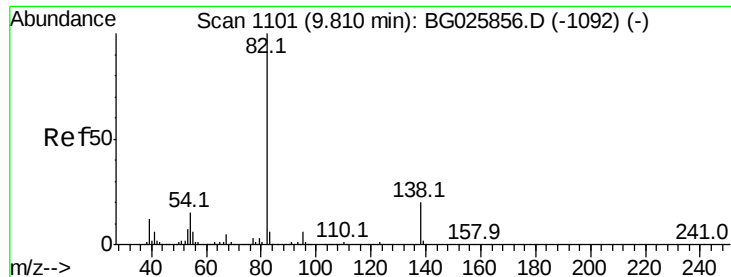
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.4	26.4	39.6#
54	46.9	49.4	74.2#



#24
 Nitrobenzene
 Concen: 37.59 ng
 RT: 9.27 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.7	26.1	39.1#
65	13.8	12.4	18.6





#25

Isophorone

Concen: 36.03 ng

RT: 9.79 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

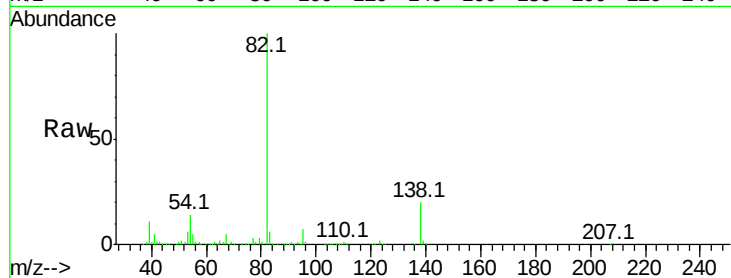
Tot Ion: 82 Resp: 623038

Ion Ratio Lower Upper

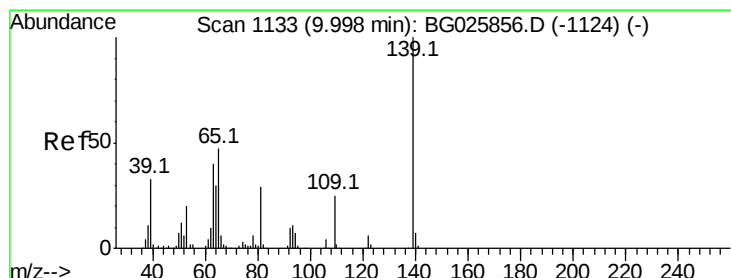
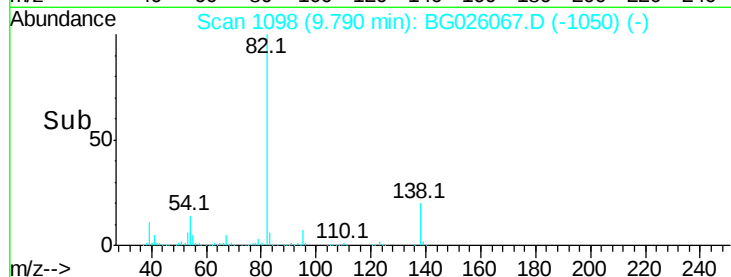
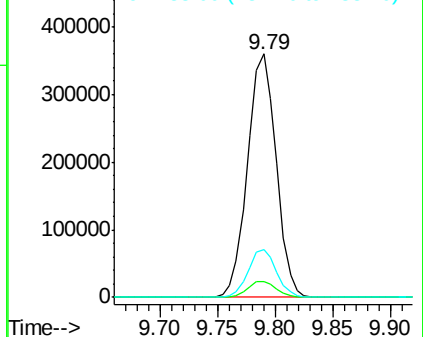
82 100

95 6.6 7.5 11.3#

138 19.7 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: 43.10 ng

RT: 9.98 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

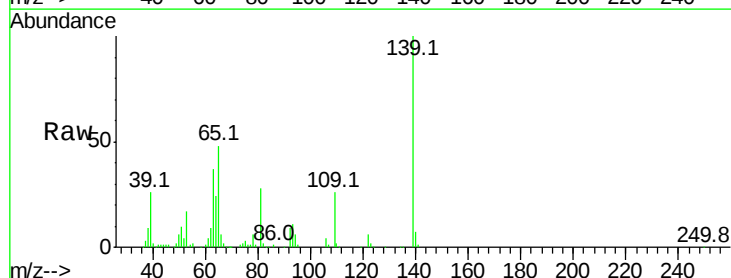
Tgt Ion: 139 Resp: 171231

Ion Ratio Lower Upper

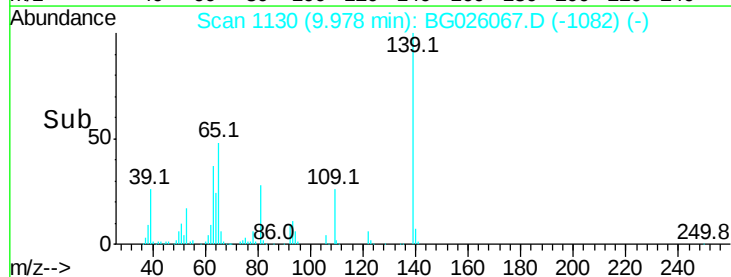
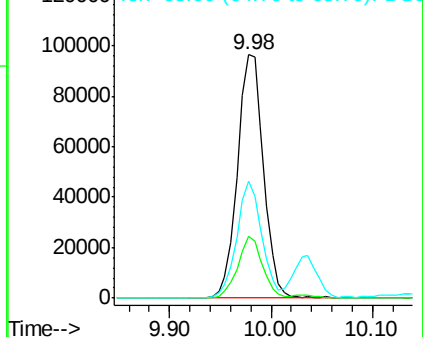
139 100

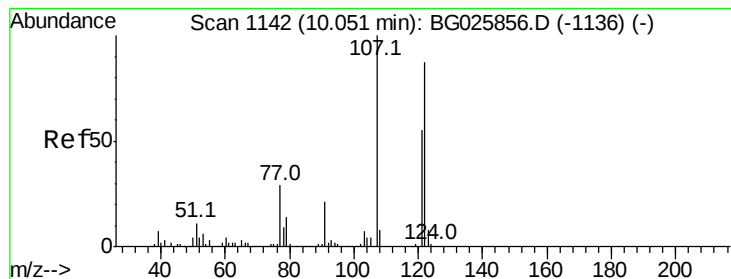
109 25.6 38.6 58.0#

65 48.0 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: 40.88 ng

RT: 10.04 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

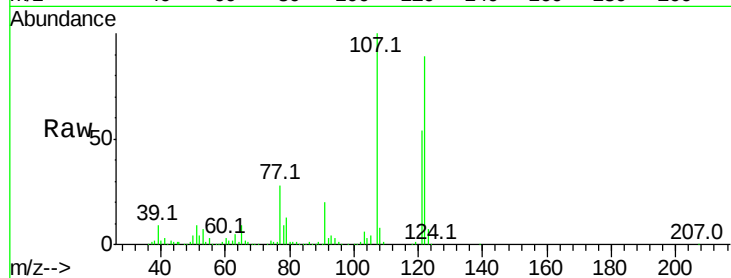
Tot Ion:122 Resp: 303171

Ion Ratio Lower Upper

122 100

107 112.2 104.2 156.4

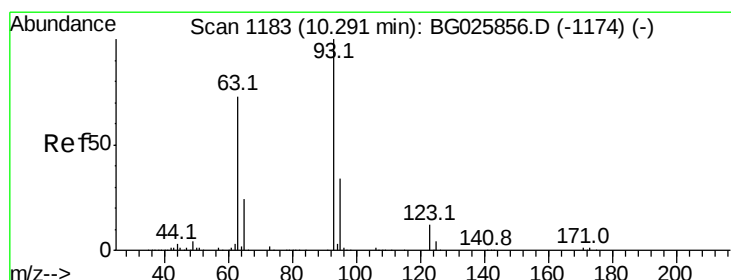
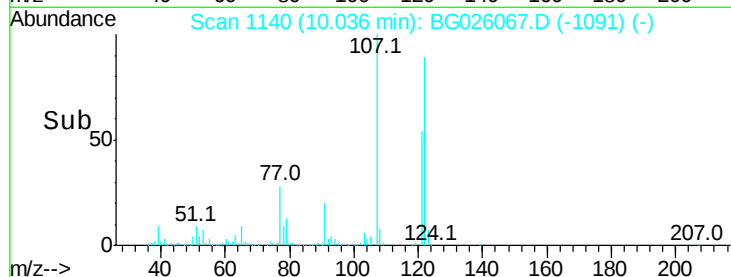
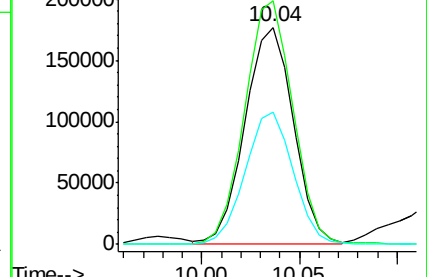
121 60.7 46.0 69.0



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: 36.20 ng

RT: 10.27 min Scan# 1179

Delta R.T. -0.03 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

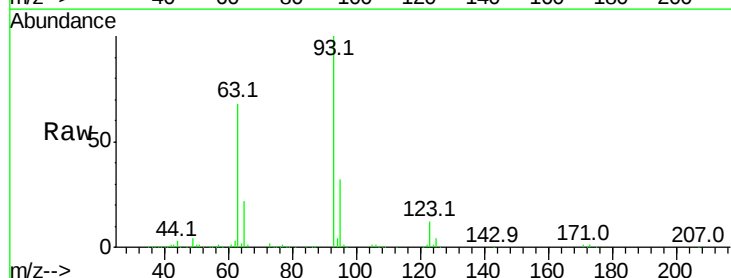
Tgt Ion: 93 Resp: 396618

Ion Ratio Lower Upper

93 100

95 32.4 25.7 38.5

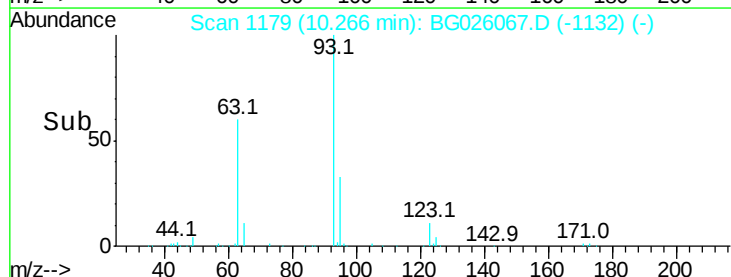
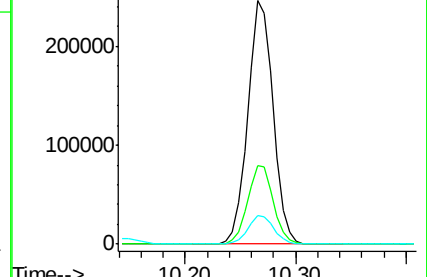
123 11.7 8.3 12.5

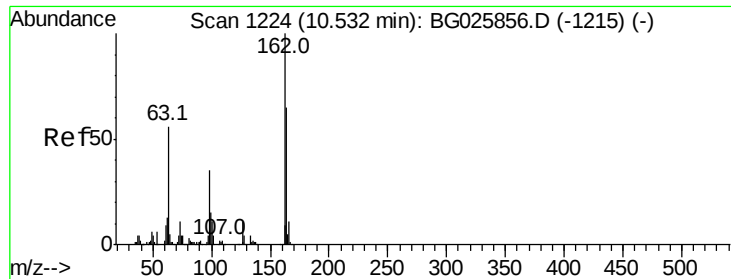


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

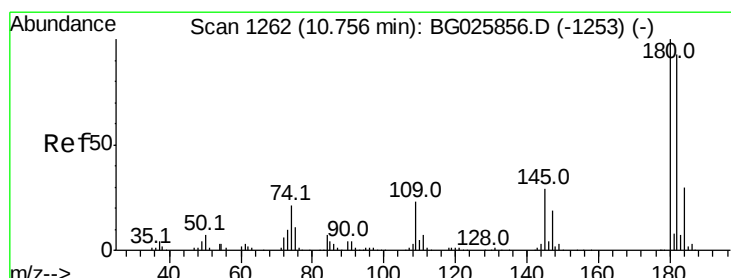
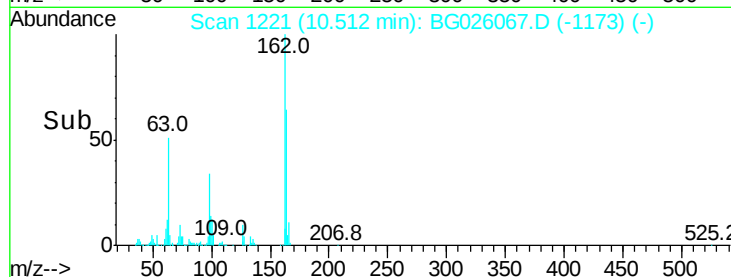
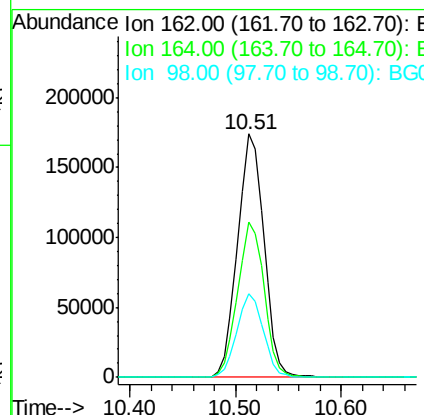
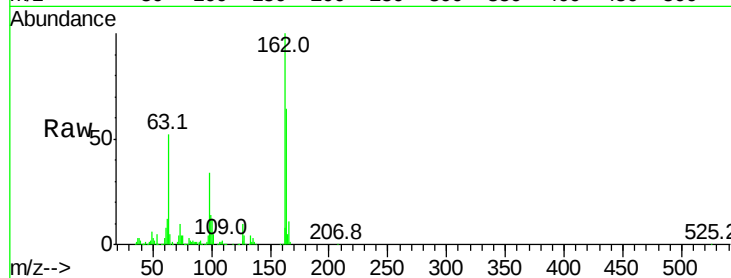




#29
2,4-Dichlorophenol
Concen: 42.52 ng
RT: 10.51 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

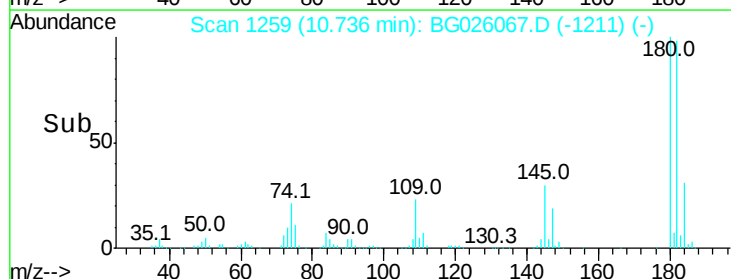
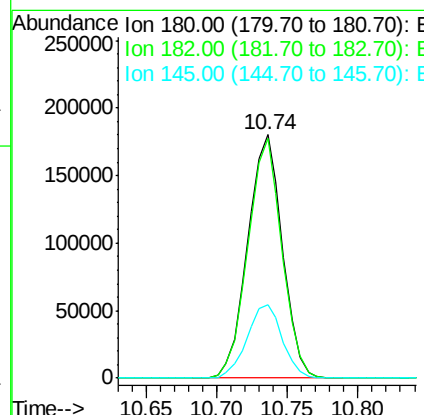
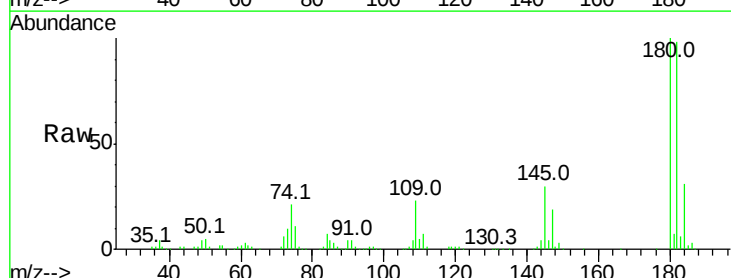
Instrument :
BNA_G
ClientSampleId :
PB97313BS

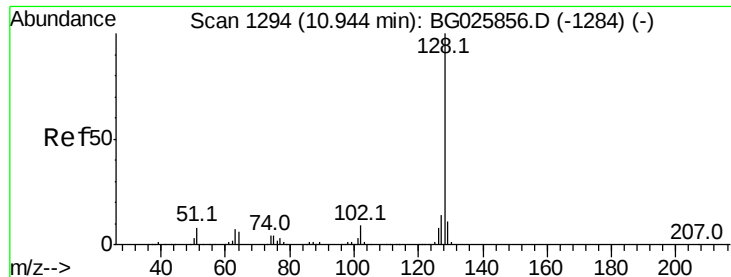
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.4	82.4
98	34.4	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 40.15 ng
RT: 10.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.0	115.4
145	30.0	23.4	35.0





#31

Naphthalene

Concen: 37.00 ng

RT: 10.92 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

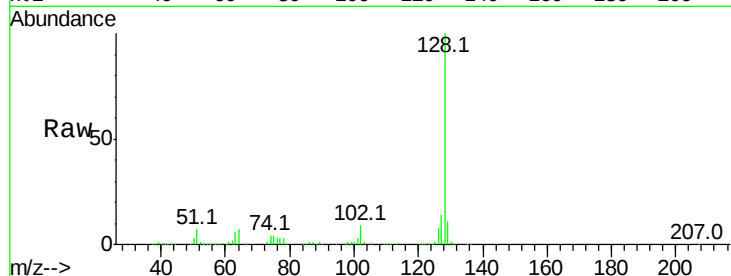
Tot Ion:128 Resp: 948536

Ion Ratio Lower Upper

128 100

129 10.7 9.3 13.9

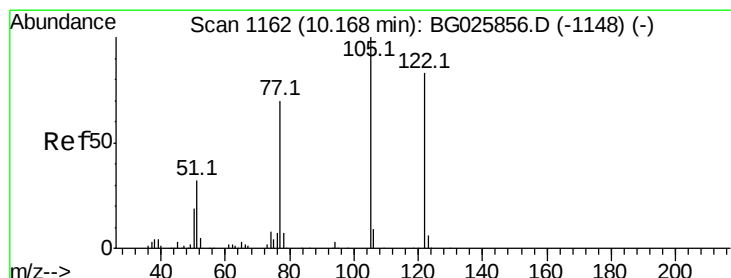
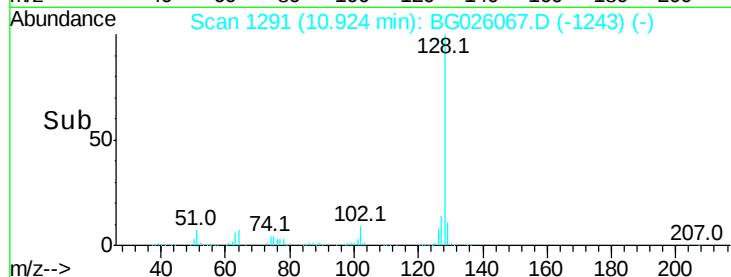
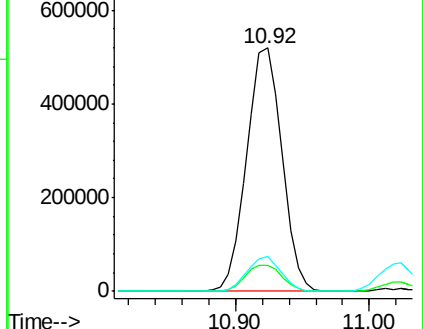
127 14.1 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.80 ng

RT: 10.15 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

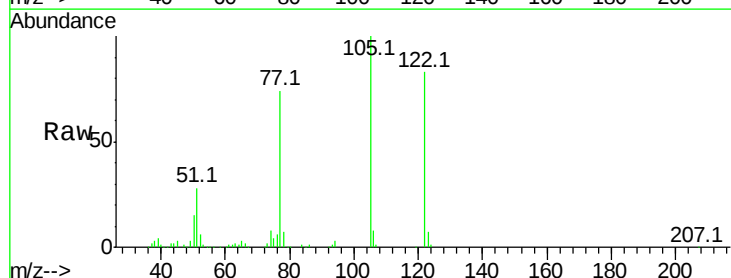
Tgt Ion:122 Resp: 185725

Ion Ratio Lower Upper

122 100

105 119.9 120.1 160.1#

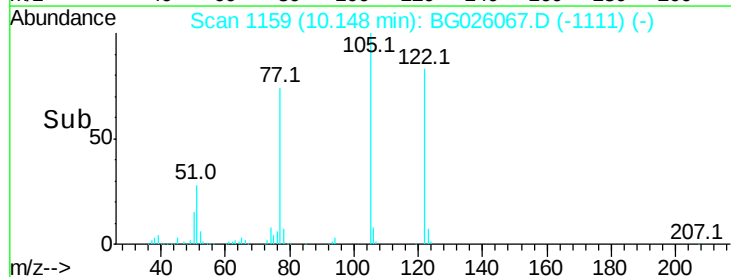
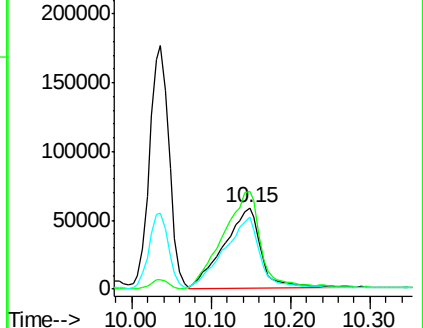
77 88.9 104.6 144.6#

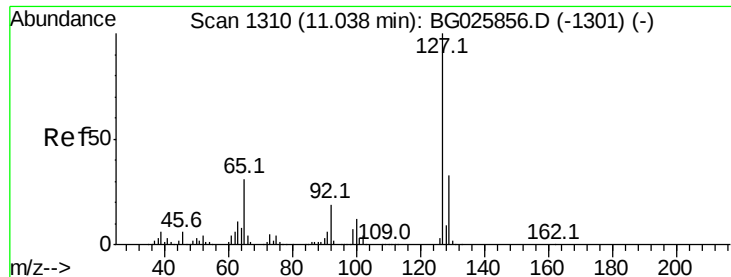


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

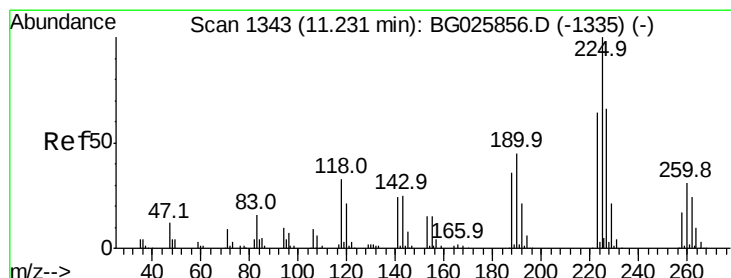
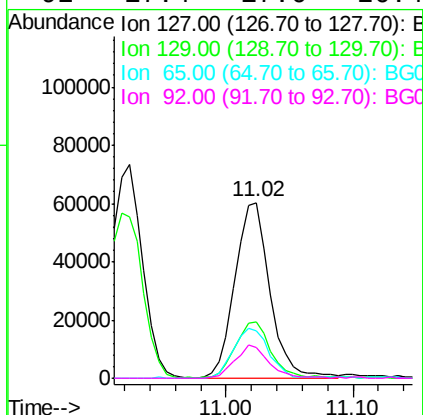
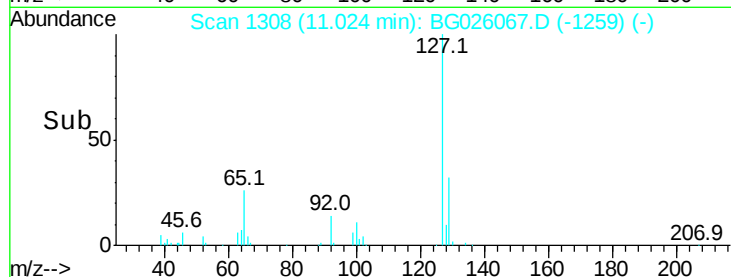
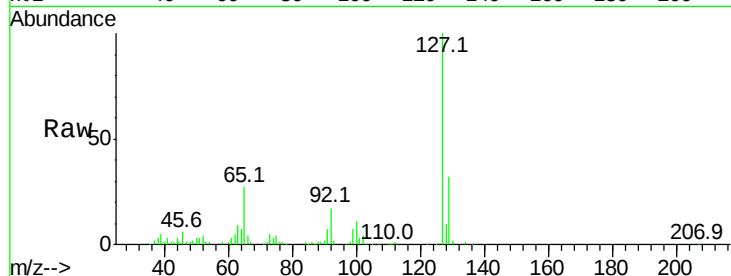




#33
4-Chloroaniline
Concen: 10.25 ng
RT: 11.02 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

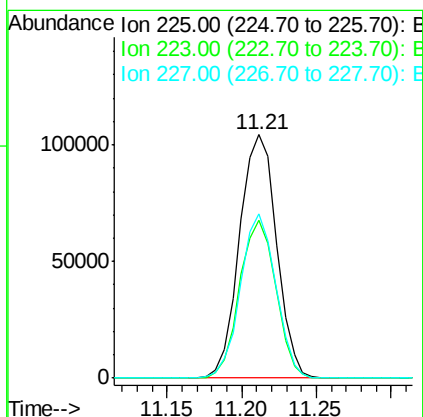
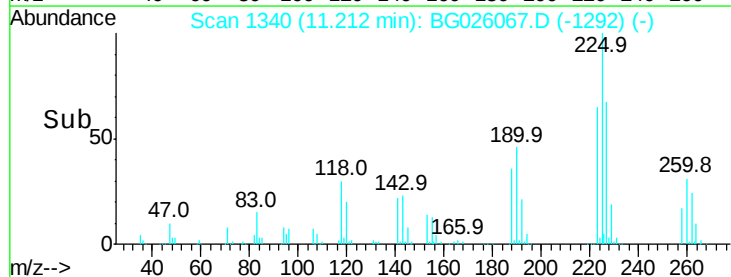
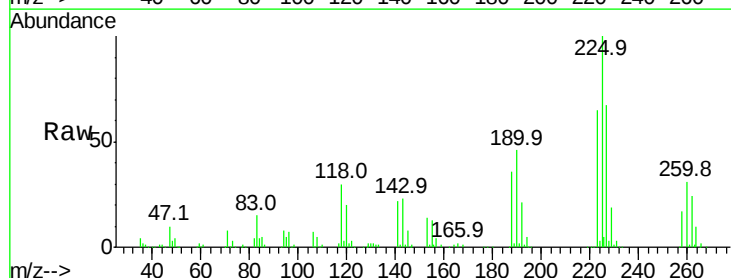
Instrument :
BNA_G
ClientSampleId :
PB97313BS

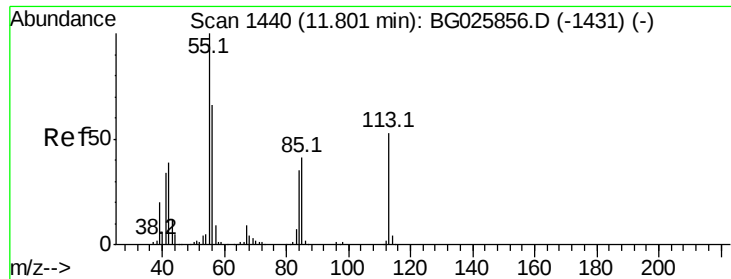
Tot Ion:127 Resp: 114148
Ion Ratio Lower Upper
127 100
129 32.0 23.6 35.4
65 26.7 37.7 56.5#
92 17.4 17.6 26.4#



#34
Hexachlorobutadiene
Concen: 40.93 ng
RT: 11.21 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion:225 Resp: 179248
Ion Ratio Lower Upper
225 100
223 64.6 50.7 76.1
227 67.2 49.0 73.6





#35

Caprolactam

Concen: 39.39 ng

RT: 11.78 min Scan# 1436

Delta R.T. -0.03 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

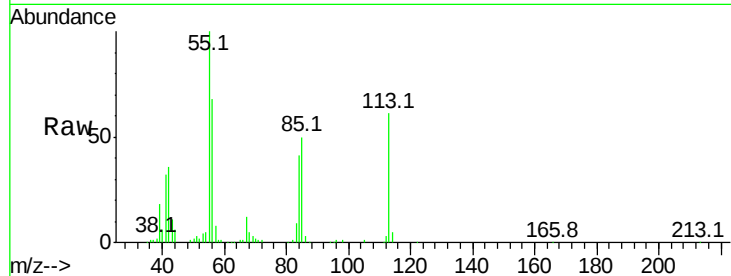
Tot Ion:113 Resp: 112575

Ion Ratio Lower Upper

113 100

55 163.2 198.6 238.6#

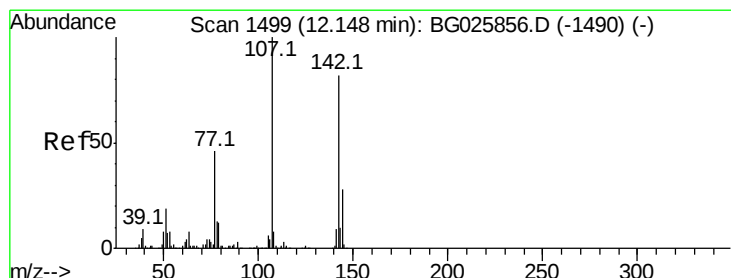
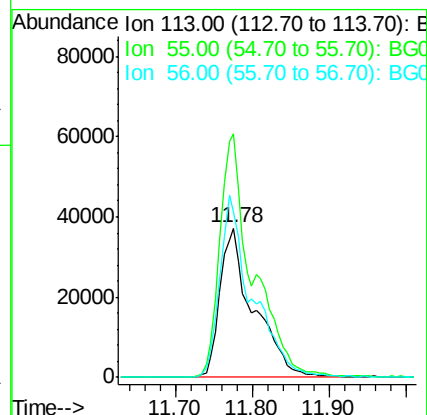
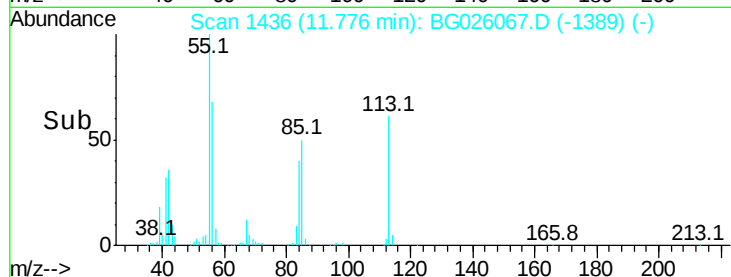
56 111.2 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 37.01 ng

RT: 12.13 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

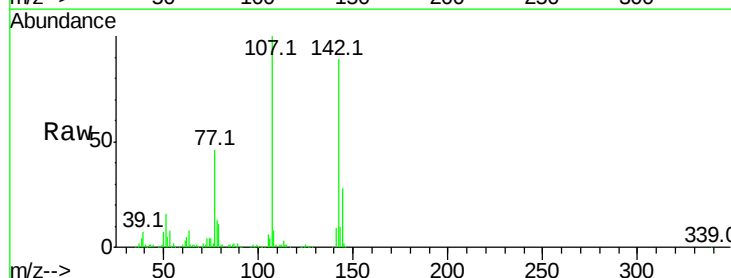
Tgt Ion:107 Resp: 313416

Ion Ratio Lower Upper

107 100

144 28.4 17.4 26.0#

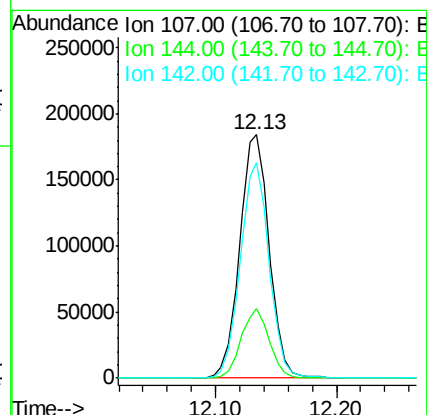
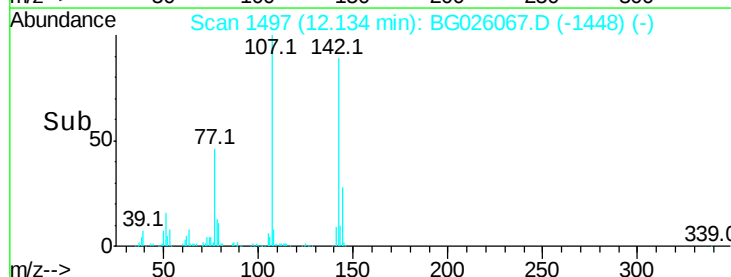
142 88.5 54.1 81.1#

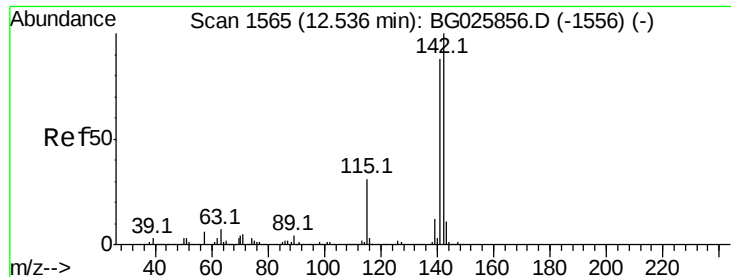


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

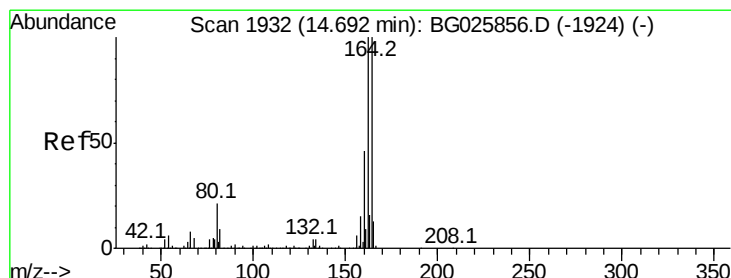
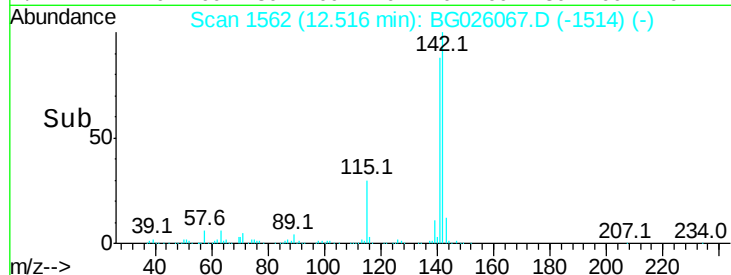
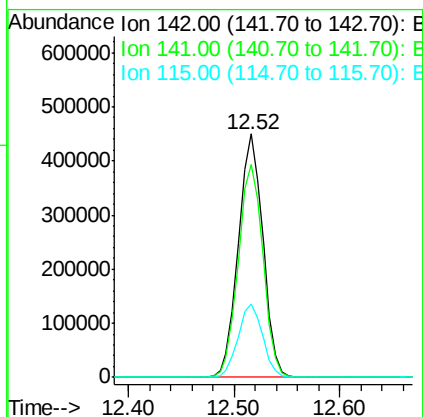
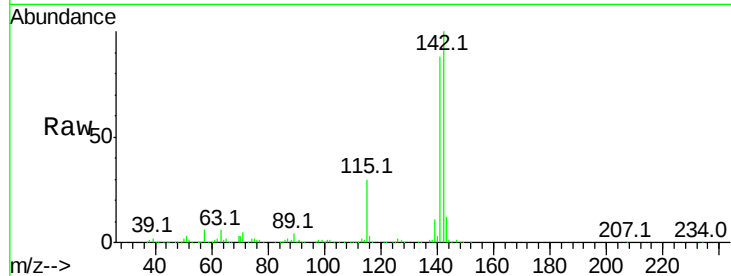




#37
2-Methylnaphthalene
Concen: 36.93 ng
RT: 12.52 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

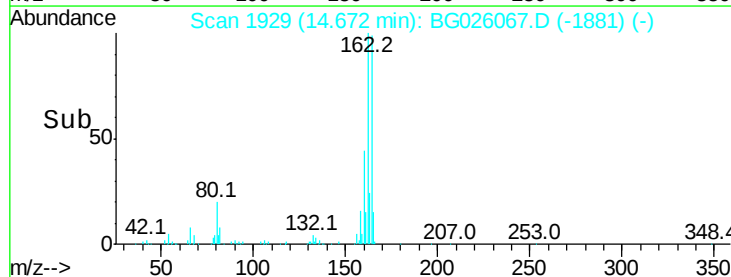
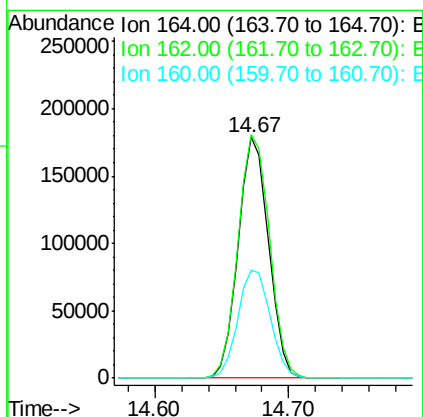
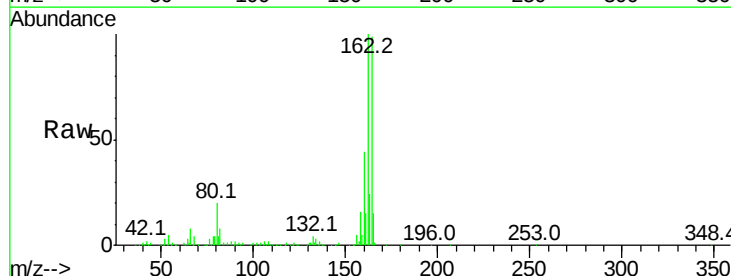
Instrument :
BNA_G
ClientSampleId :
PB97313BS

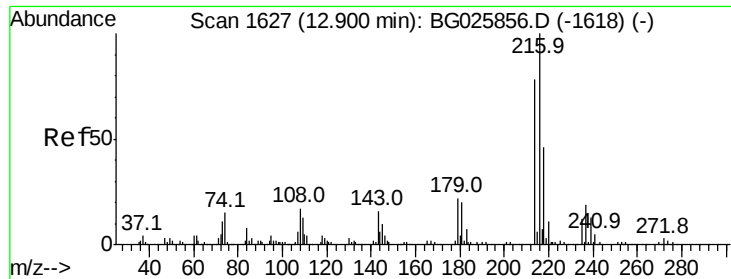
Tot Ion:142 Resp: 720964
Ion Ratio Lower Upper
142 100
141 87.7 70.4 105.6
115 30.2 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion:164 Resp: 281212
Ion Ratio Lower Upper
164 100
162 101.3 85.1 127.7
160 45.0 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.58 ng

RT: 12.89 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

Tot Ion:216 Resp: 321279

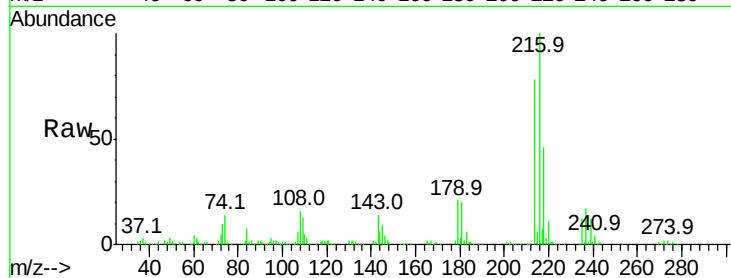
Ion Ratio Lower Upper

216 100

214 79.4 64.4 96.6

179 21.0 17.4 26.0

108 19.8 15.6 23.4

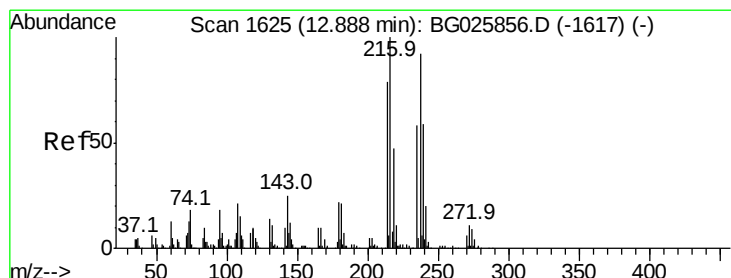
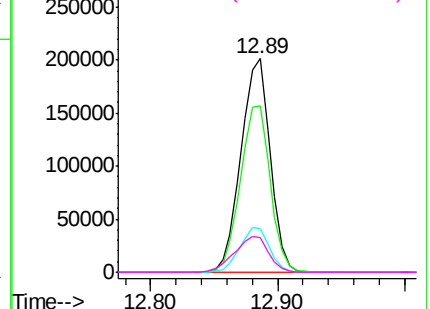
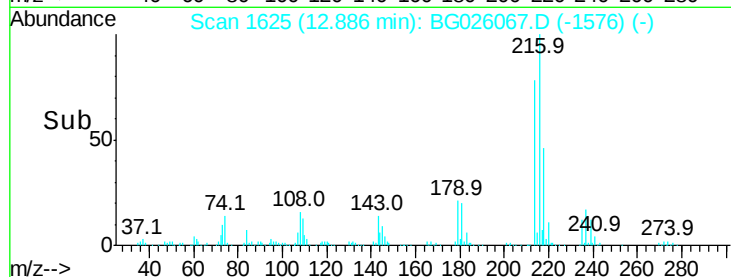


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 102.55 ng

RT: 12.87 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

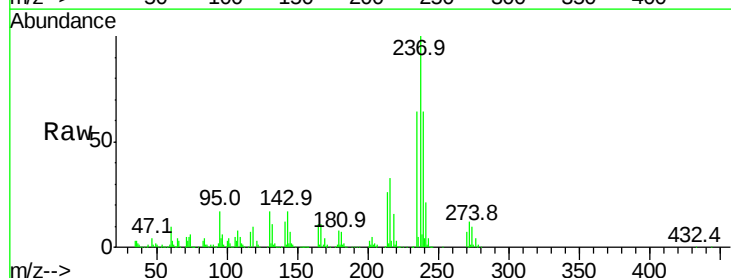
Tgt Ion:237 Resp: 395515

Ion Ratio Lower Upper

237 100

235 64.1 39.4 79.4

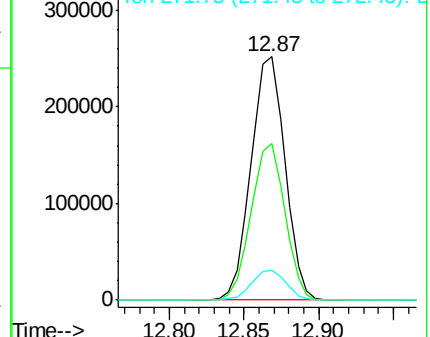
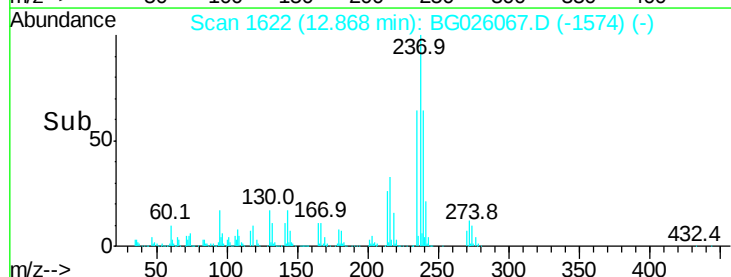
272 12.3 0.0 32.0

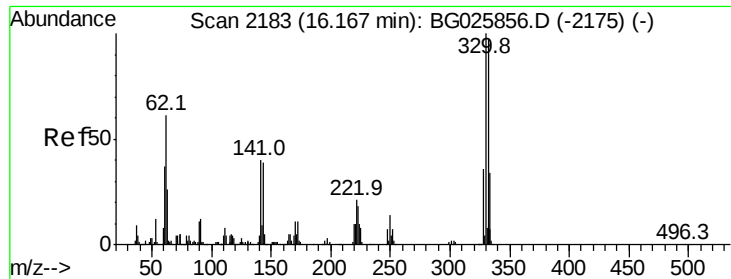


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

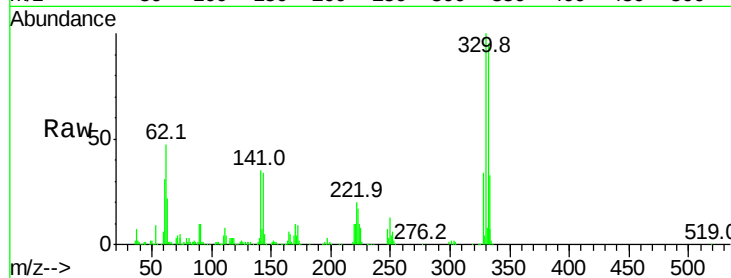




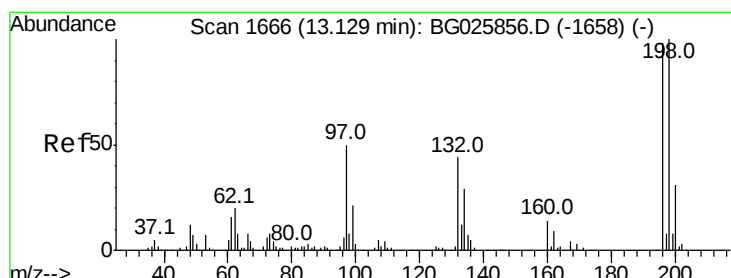
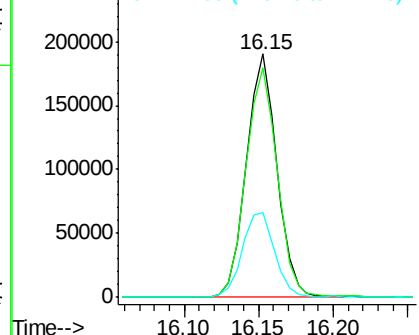
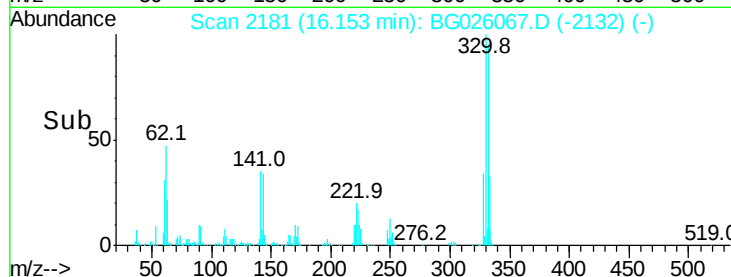
#41
2,4,6-Tribromophenol
Concen: 103.58 ng
RT: 16.15 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Instrument :
BNA_G
ClientSampleId :
PB97313BS

Tot Ion:330 Resp: 269122
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 37.1 32.1 48.1

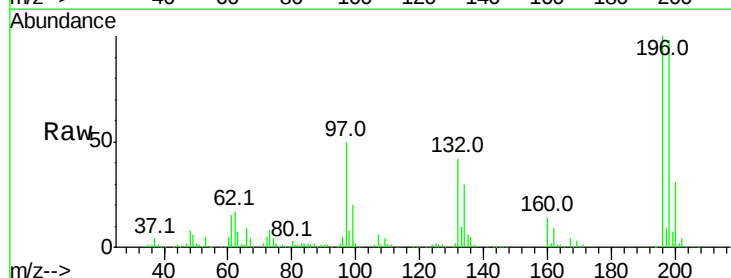


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

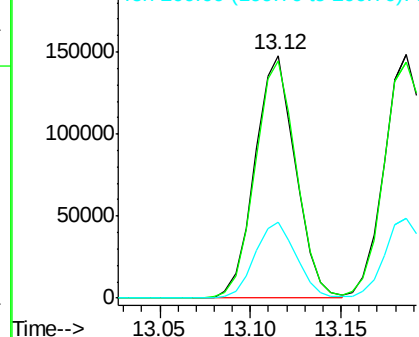
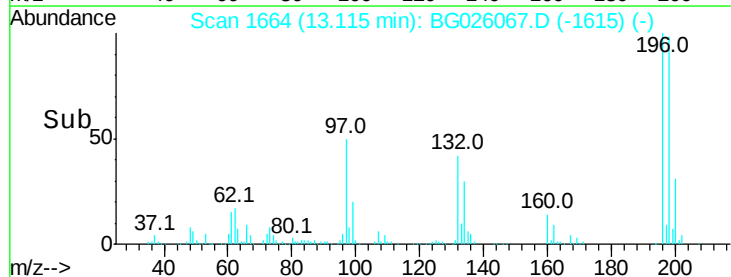


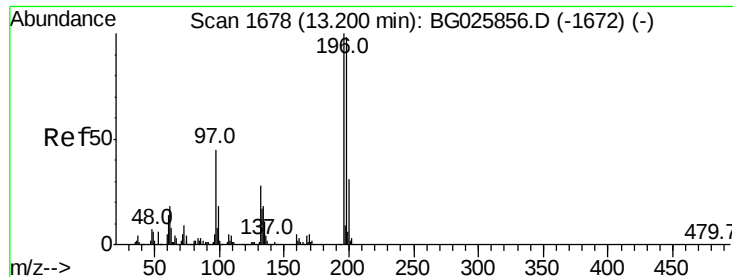
#42
2,4,6-Trichlorophenol
Concen: 50.44 ng
RT: 13.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion:196 Resp: 229616
Ion Ratio Lower Upper
196 100
198 97.5 81.4 122.2
200 31.3 27.0 40.6



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

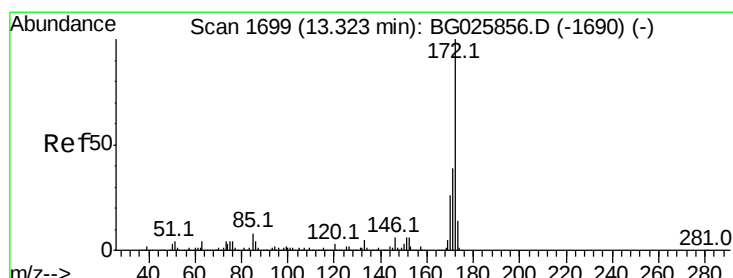
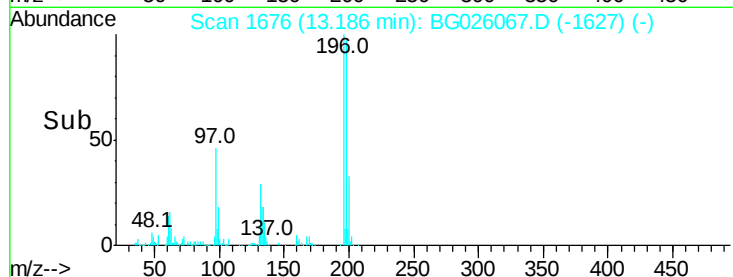
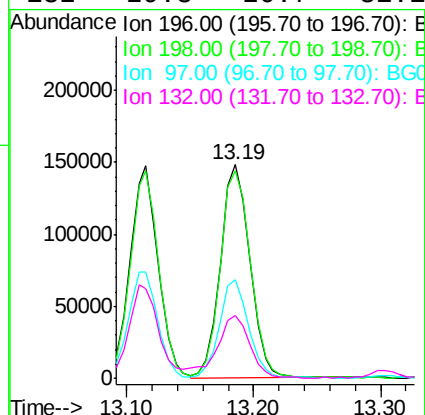
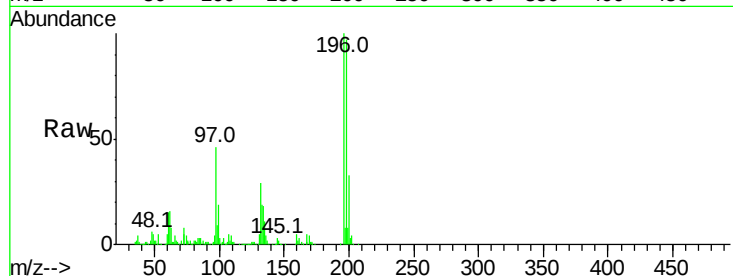




#43
2,4,5-Trichlorophenol
Concen: 46.33 ng
RT: 13.19 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

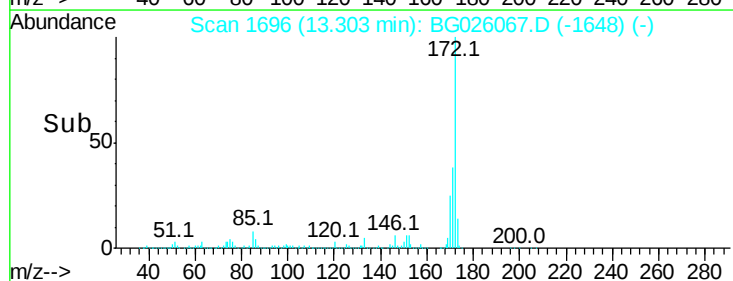
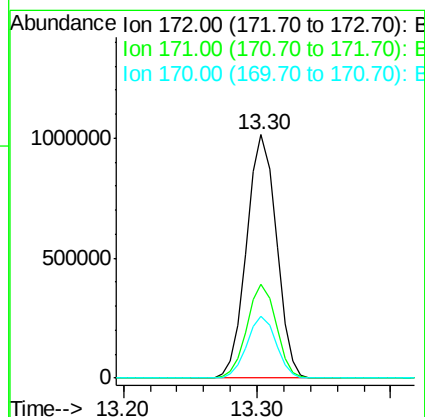
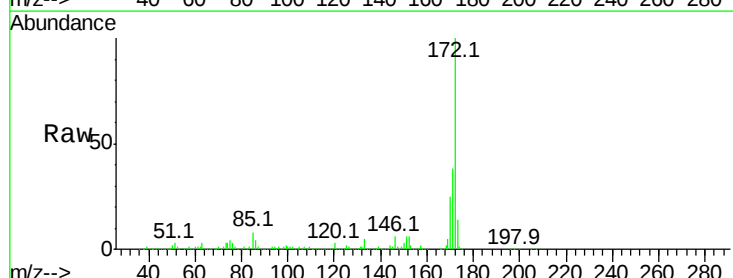
Instrument :
BNA_G
ClientSampleId :
PB97313BS

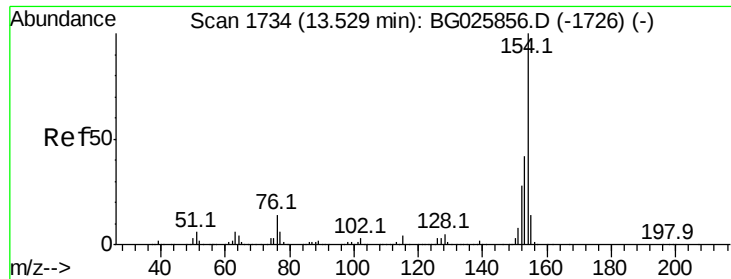
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	79.9	119.9
97	46.3	45.4	68.0
132	29.3	20.7	31.1



#44
2-Fluorobiphenyl
Concen: 97.20 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.2	48.2
170	25.3	21.8	32.6





#45

1,1'-Biphenyl

Concen: 44.95 ng

RT: 13.51 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

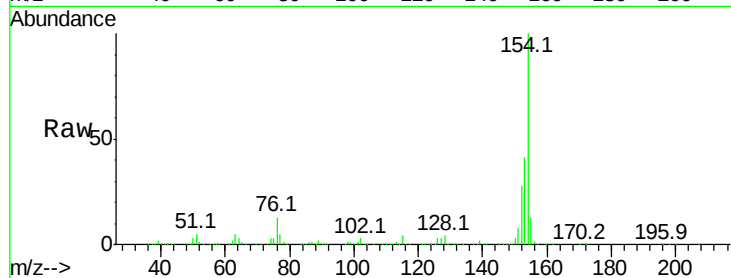
Tot Ion:154 Resp: 916057

Ion Ratio Lower Upper

154 100

153 40.8 23.0 63.0

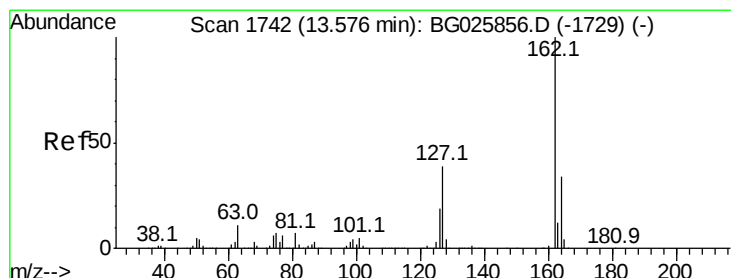
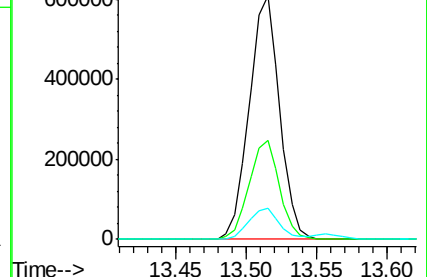
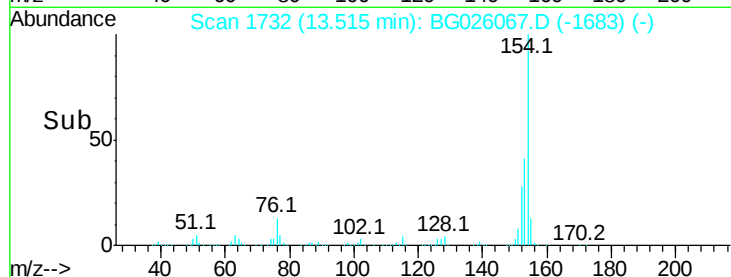
76 12.6 0.0 33.5



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: 45.24 ng

RT: 13.56 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

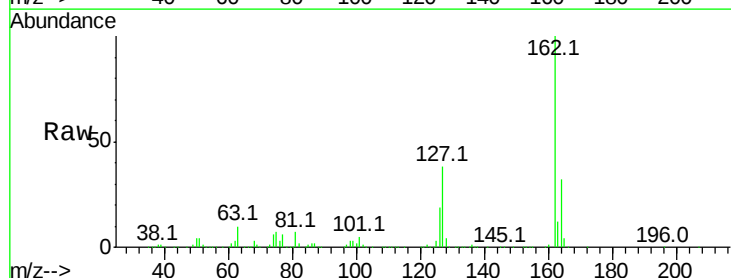
Tgt Ion:162 Resp: 666535

Ion Ratio Lower Upper

162 100

127 38.5 32.2 48.4

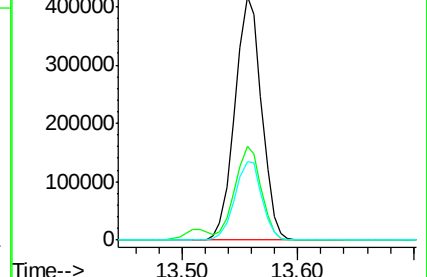
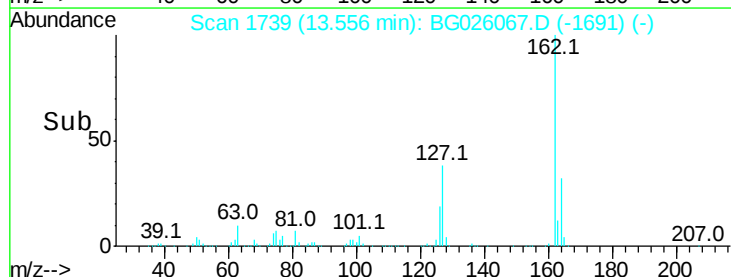
164 32.3 27.3 40.9

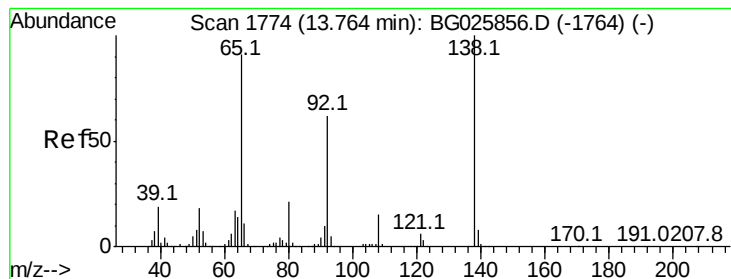


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.33 ng

RT: 13.75 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

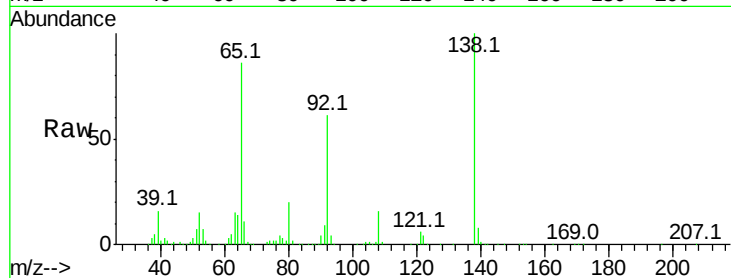
Tot Ion: 65 Resp: 197804

Ion Ratio Lower Upper

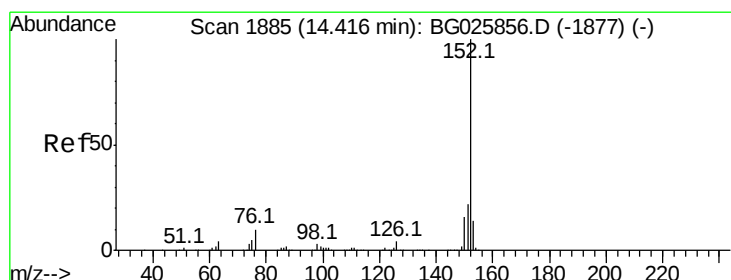
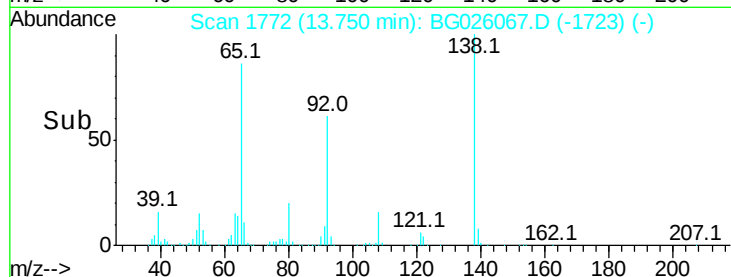
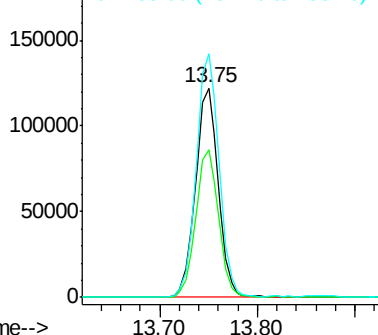
65 100

92 70.7 49.0 73.4

138 116.3 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: 43.02 ng

RT: 14.40 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

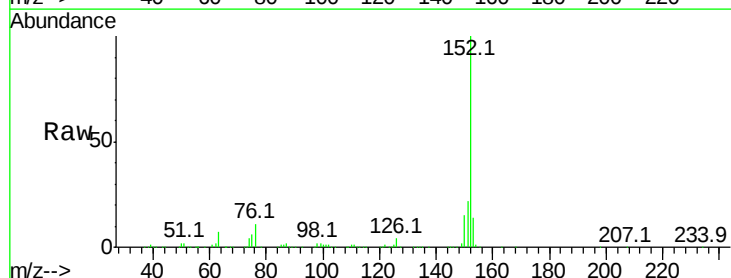
Tgt Ion: 152 Resp: 1128473

Ion Ratio Lower Upper

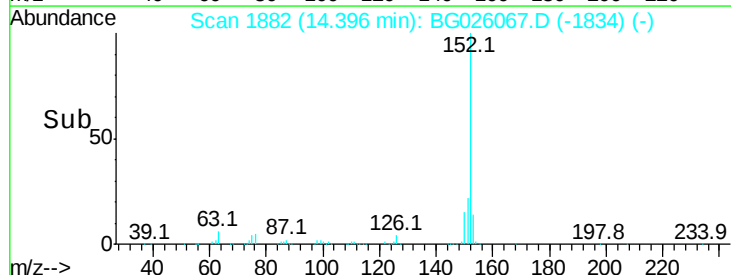
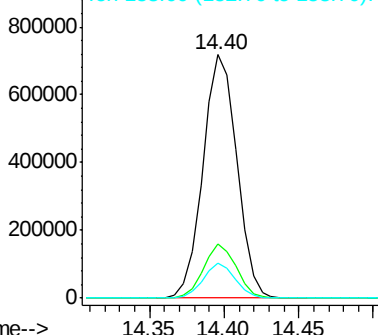
152 100

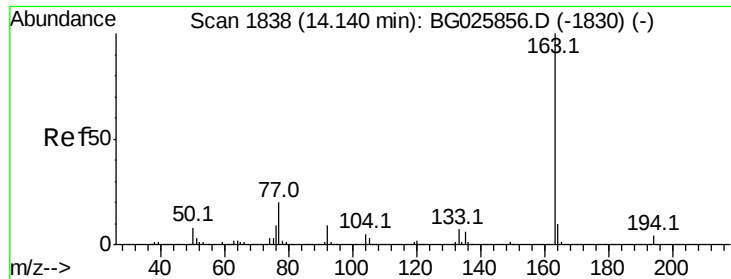
151 22.1 18.2 27.2

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: 44.87 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

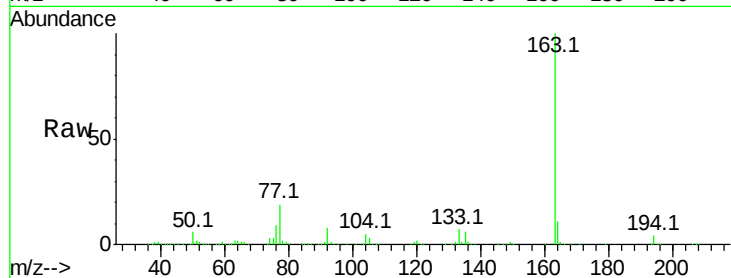
Tot Ion:163 Resp: 865683

Ion Ratio Lower Upper

163 100

194 4.1 3.8 5.6

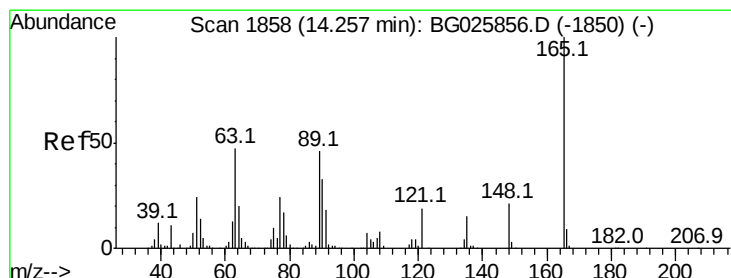
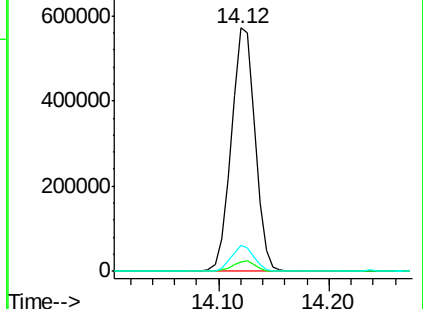
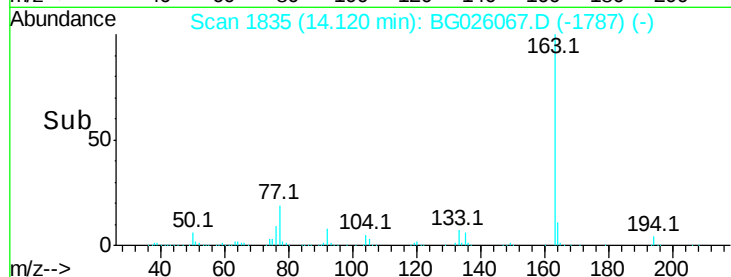
164 10.6 9.3 13.9



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: 45.79 ng

RT: 14.24 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

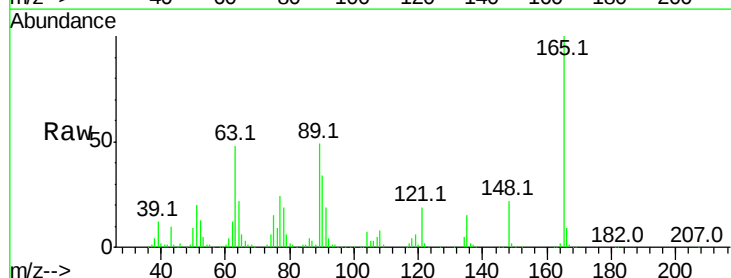
Tgt Ion:165 Resp: 198454

Ion Ratio Lower Upper

165 100

63 47.6 63.9 95.9#

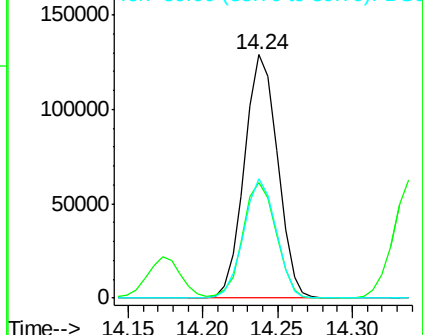
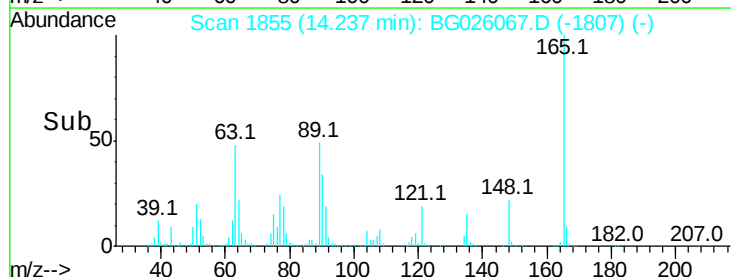
89 49.0 58.6 88.0#

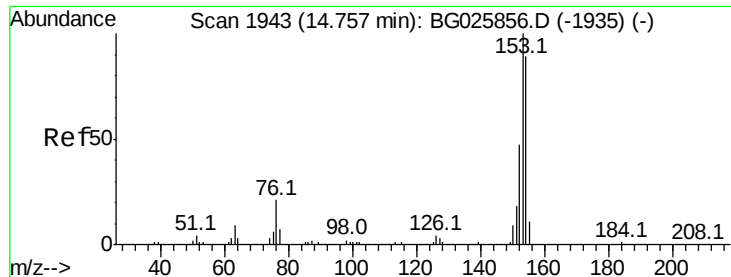


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 46.94 ng

RT: 14.74 min Scan# 1940

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

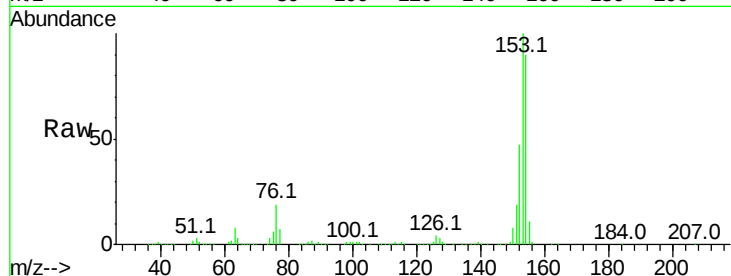
Tot Ion:154 Resp: 813176

Ion Ratio Lower Upper

154 100

153 110.7 87.8 131.6

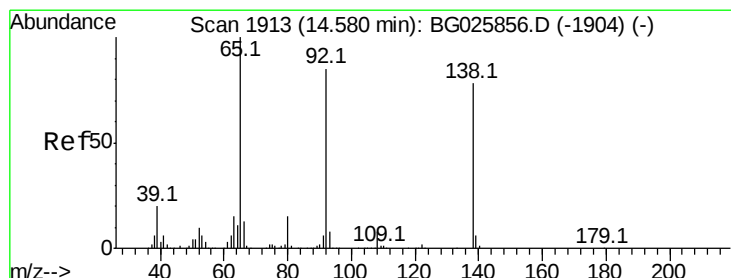
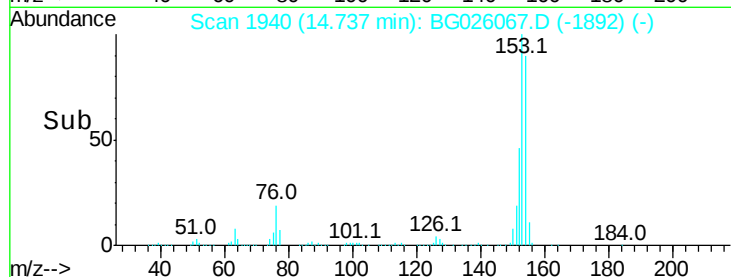
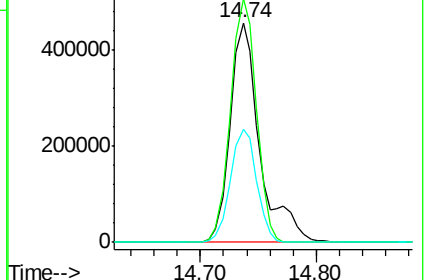
152 51.5 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.84 ng

RT: 14.57 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

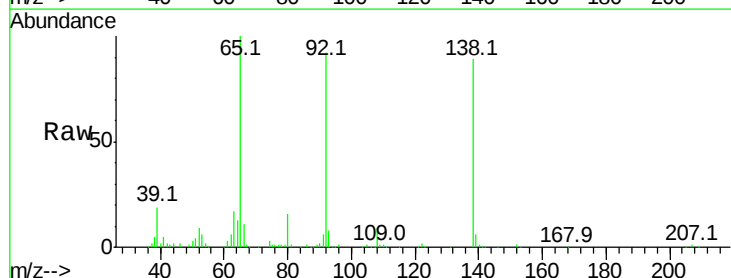
Tgt Ion:138 Resp: 101031

Ion Ratio Lower Upper

138 100

108 10.2 10.9 16.3#

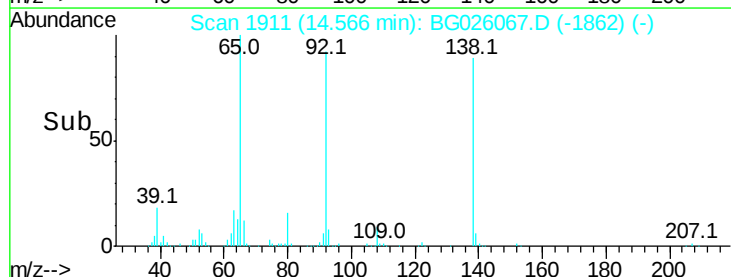
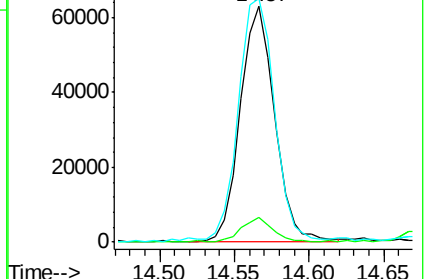
92 103.4 115.3 172.9#

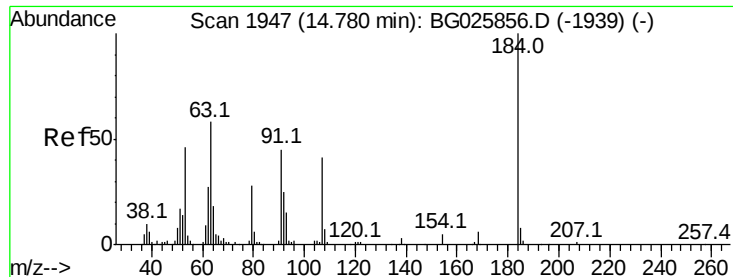


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

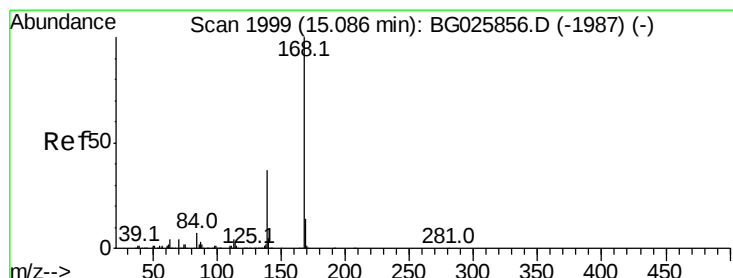
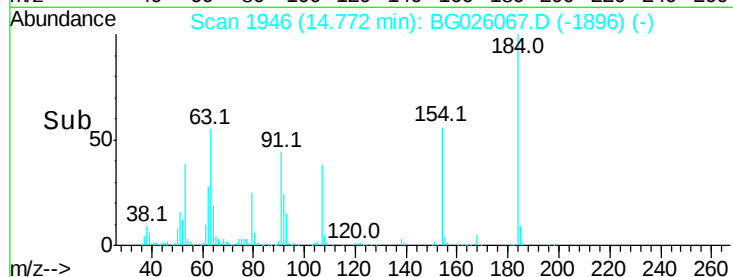
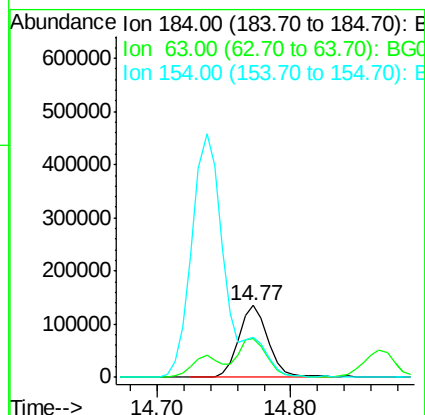
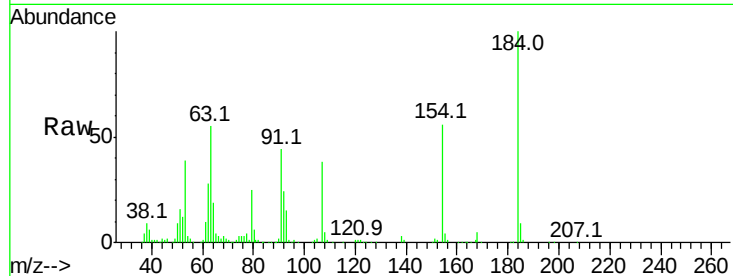




#53
2,4-Dinitrophenol
Concen: 91.04 ng
RT: 14.77 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

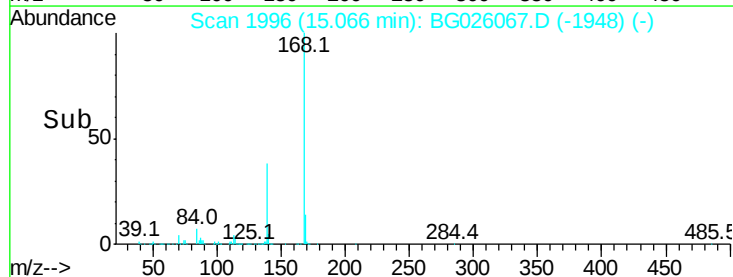
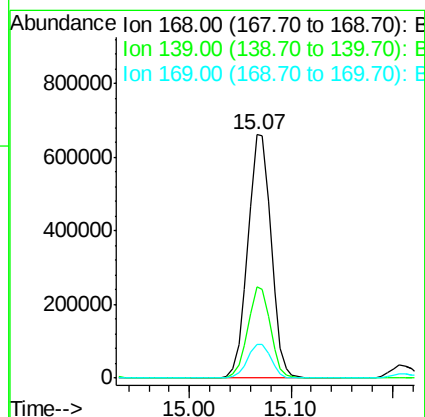
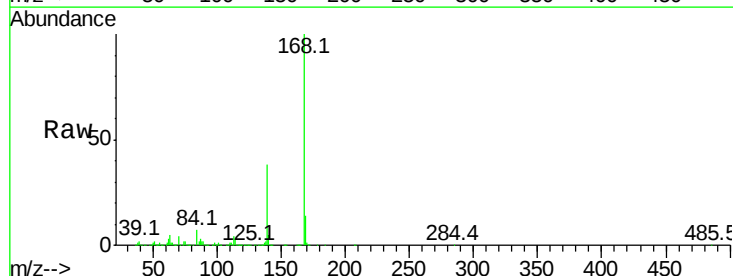
Instrument :
BNA_G
ClientSampleId :
PB97313BS

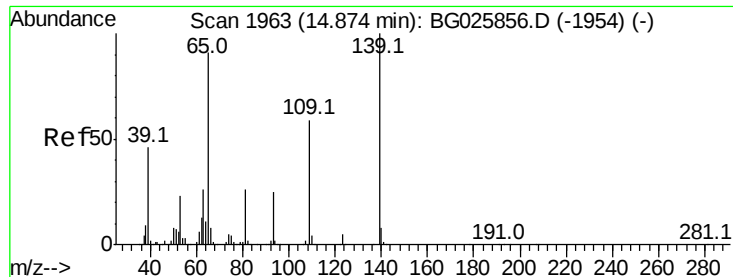
Tot Ion:184 Resp: 206463
Ion Ratio Lower Upper
184 100
63 54.9 52.7 79.1
154 56.0 57.3 85.9#



#54
Dibenzofuran
Concen: 45.68 ng
RT: 15.07 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion:168 Resp: 1054947
Ion Ratio Lower Upper
168 100
139 37.6 35.3 52.9
169 13.7 11.5 17.3





#55

4-Nitrophenol

Concen: 84.69 ng

RT: 14.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

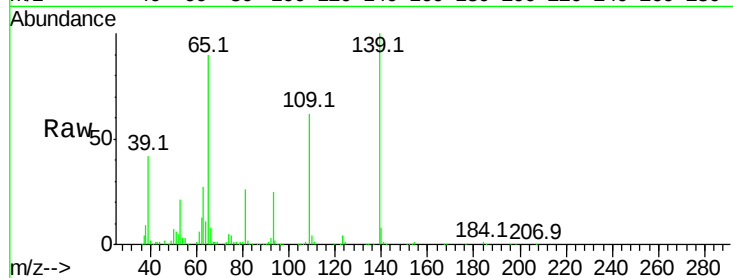
Tot Ion:139 Resp: 334126

Ion Ratio Lower Upper

139 100

109 61.7 101.2 141.2#

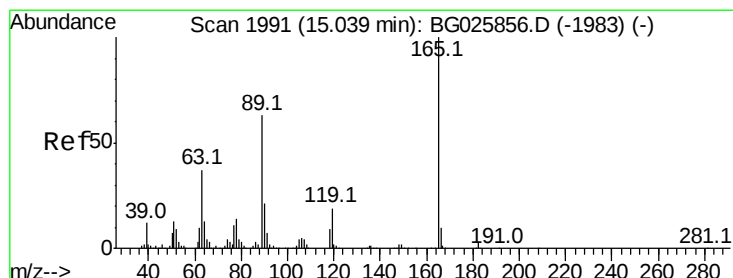
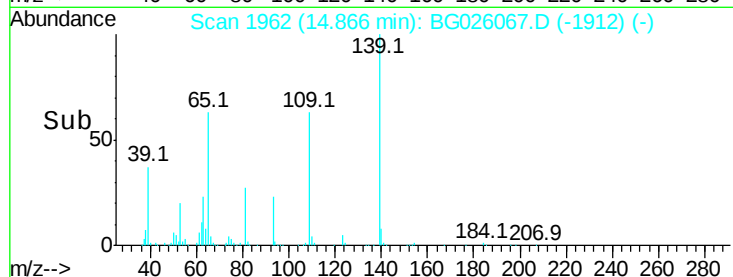
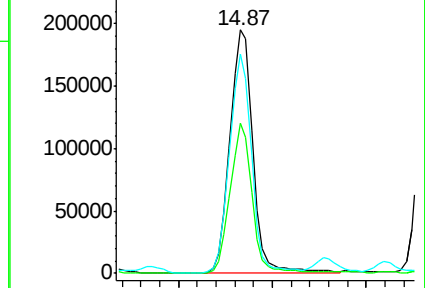
65 90.3 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 47.23 ng

RT: 15.02 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Tgt Ion:165 Resp: 275335

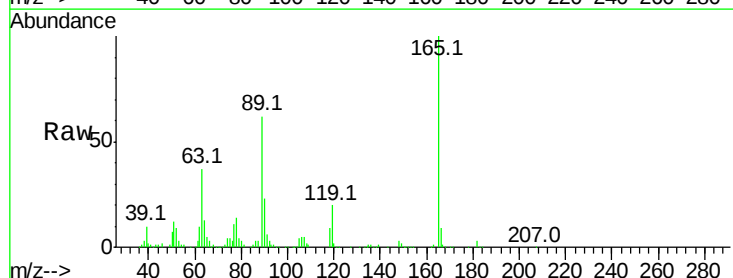
Ion Ratio Lower Upper

165 100

63 36.7 44.0 66.0#

89 61.9 67.3 100.9#

182 3.4 3.8 5.6#

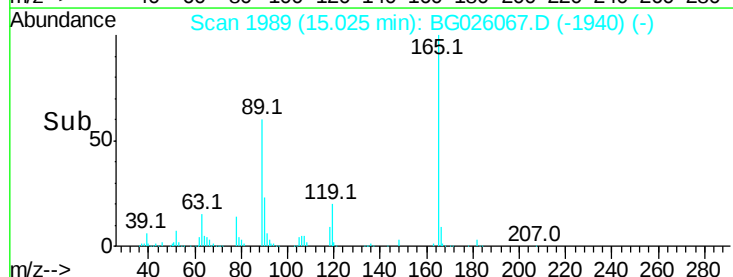
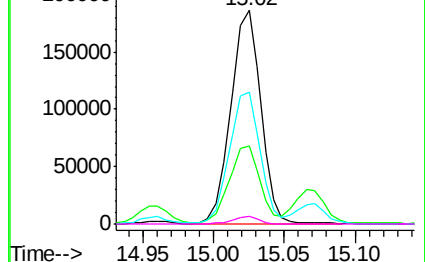


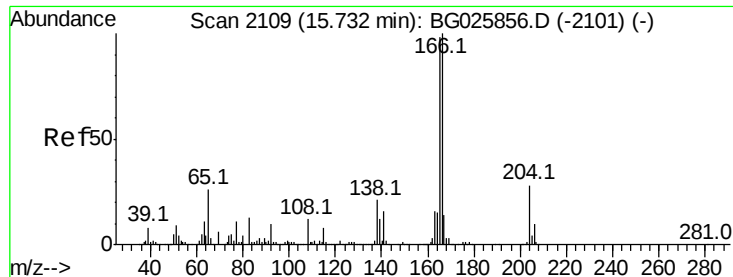
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.35 ng

RT: 15.71 min Scan# 2106

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

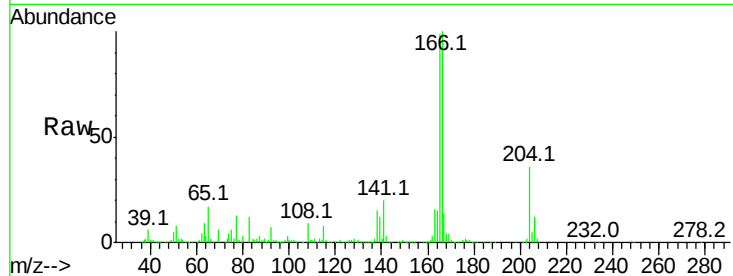
Tot Ion:166 Resp: 873989

Ion Ratio Lower Upper

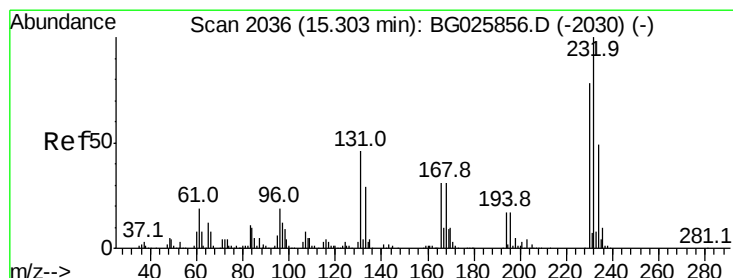
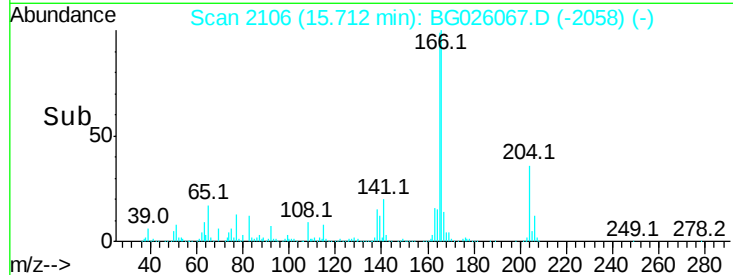
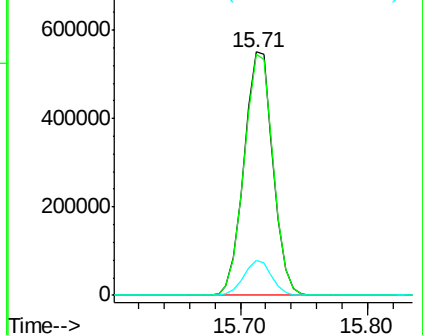
166 100

165 99.2 78.6 117.8

167 14.2 11.6 17.4



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.78 ng

RT: 15.29 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Tgt Ion:232 Resp: 231518

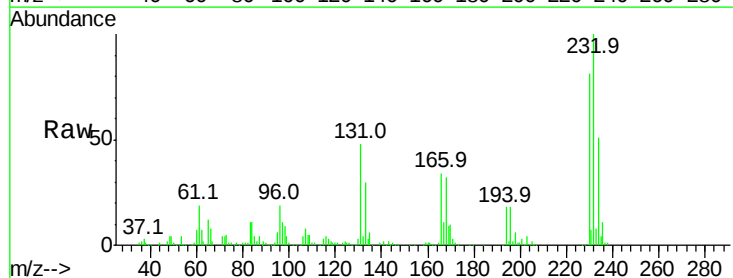
Ion Ratio Lower Upper

232 100

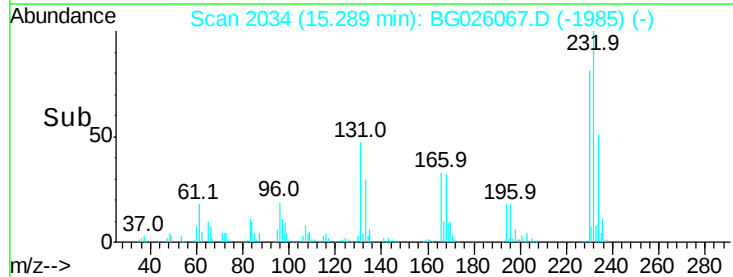
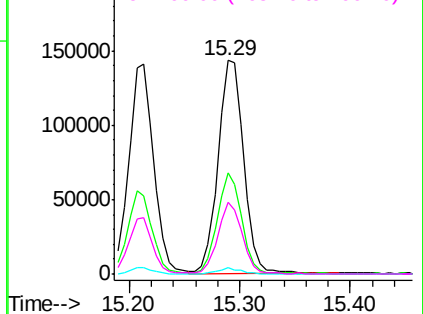
131 44.9 34.9 52.3

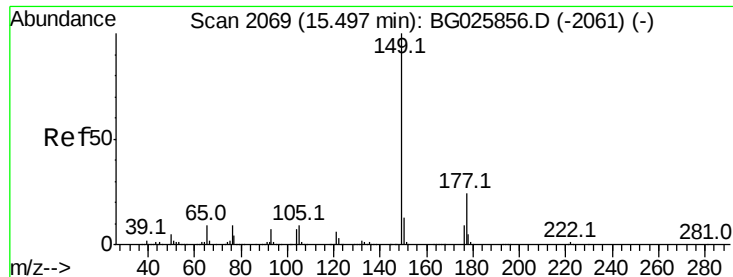
130 2.5 2.3 3.5

166 31.7 24.2 36.4



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

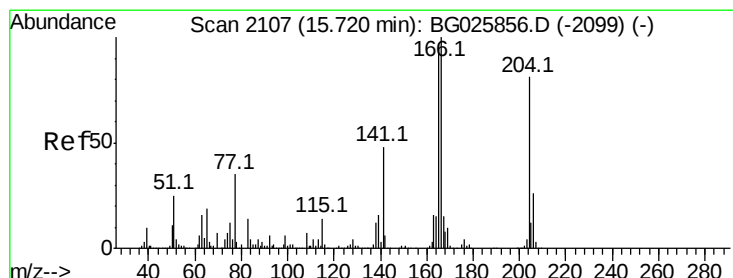
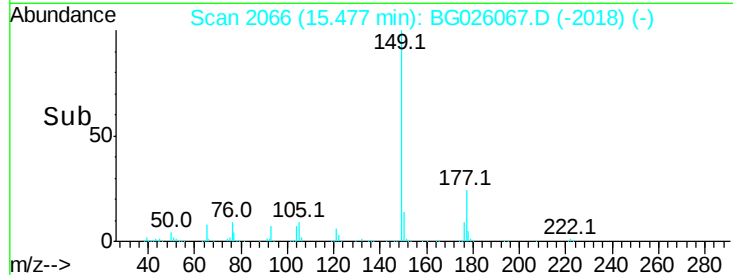
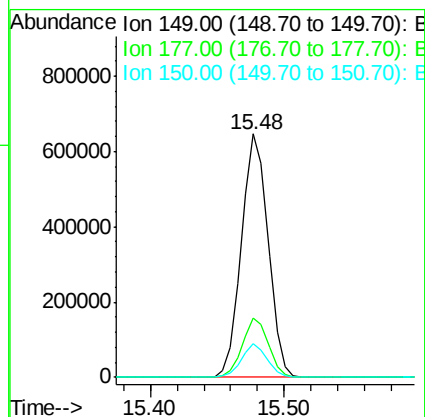
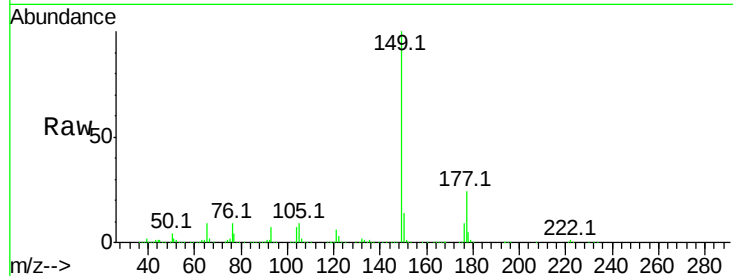




#59
Diethylphthalate
Concen: 44.86 ng
RT: 15.48 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

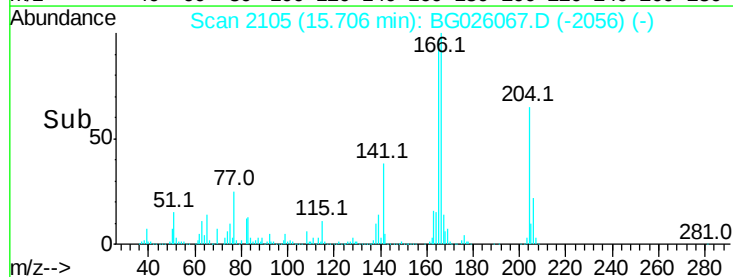
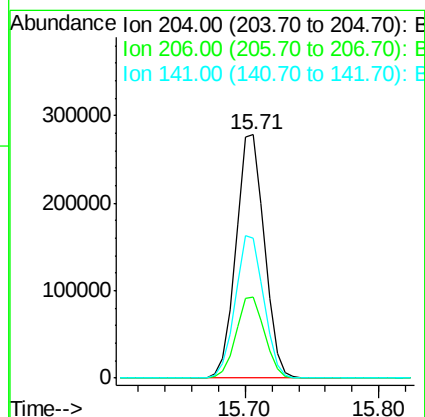
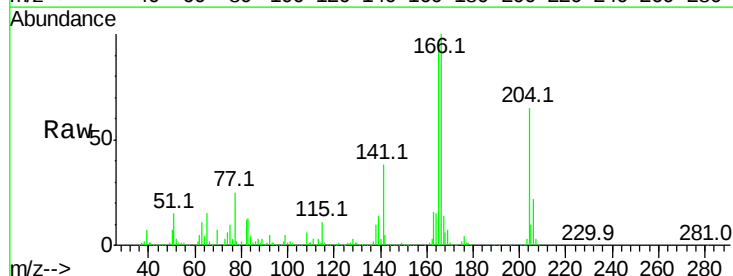
Instrument :
BNA_G
ClientSampleId :
PB97313BS

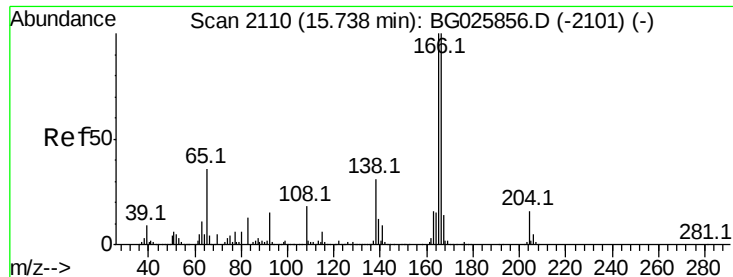
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.4	20.1	30.1
150	13.6	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.10 ng
RT: 15.71 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	30.1	45.1
141	57.6	50.6	76.0

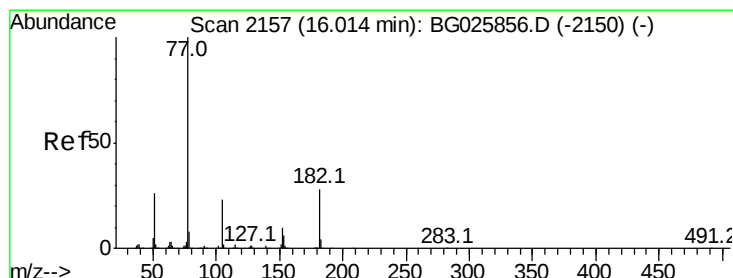
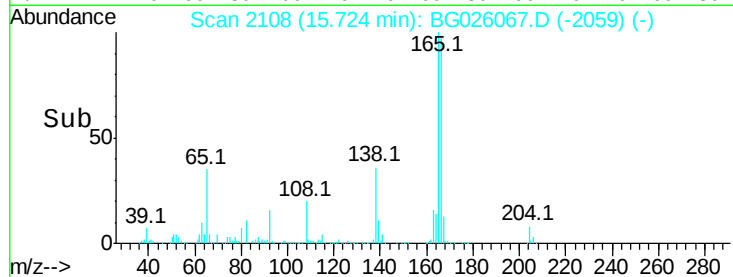
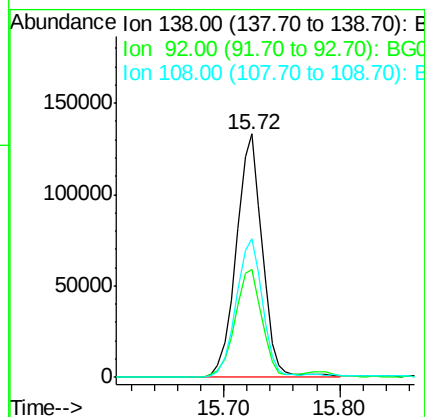
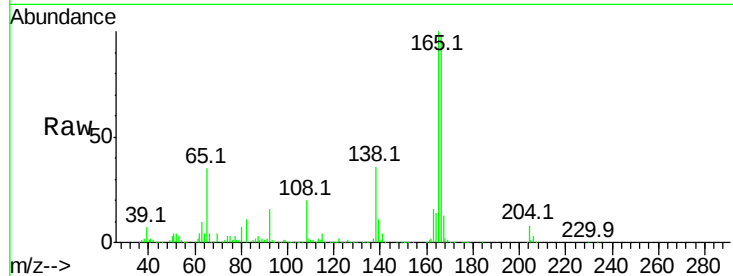




#61
4-Nitroaniline
Concen: 41.54 ng
RT: 15.72 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

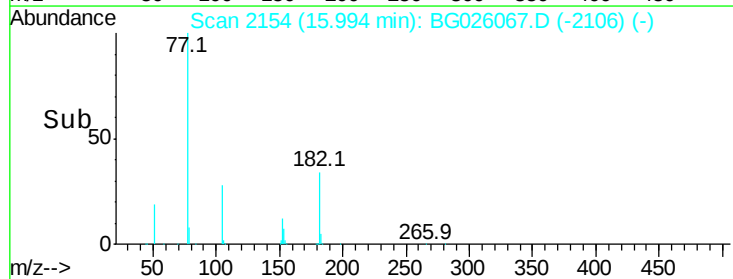
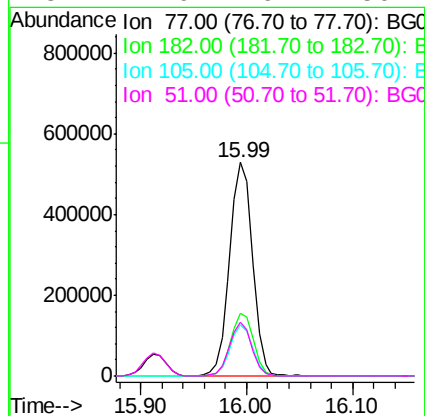
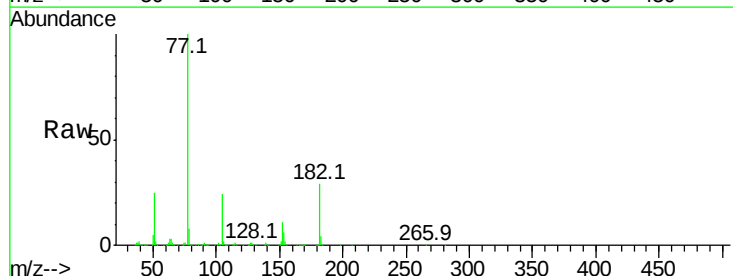
Instrument :
BNA_G
ClientSampleId :
PB97313BS

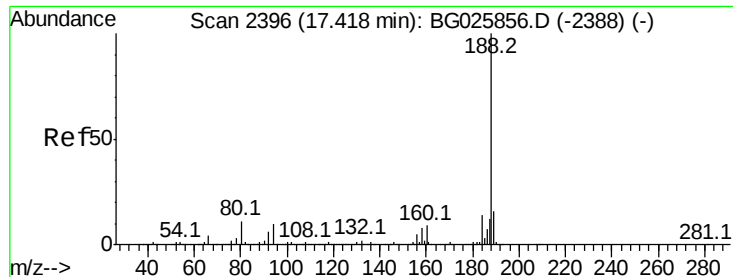
Tot Ion:138 Resp: 208745
Ion Ratio Lower Upper
138 100
92 44.1 44.2 84.2#
108 57.0 104.8 144.8#



#62
Azobenzene
Concen: 45.91 ng
RT: 15.99 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion: 77 Resp: 787548
Ion Ratio Lower Upper
77 100
182 29.2 4.7 44.7
105 24.1 0.0 36.3
51 24.9 16.4 56.4

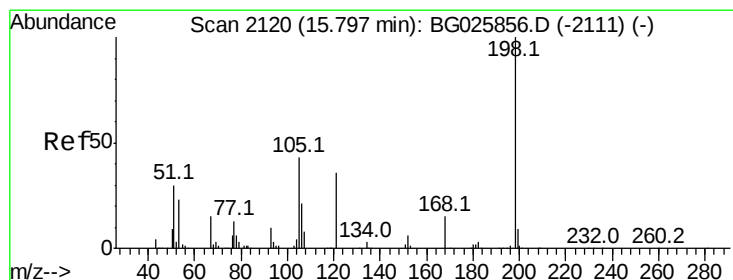
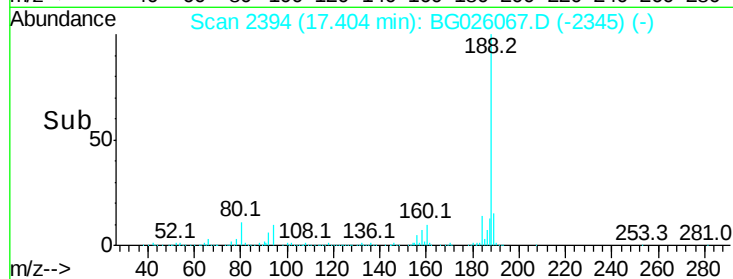
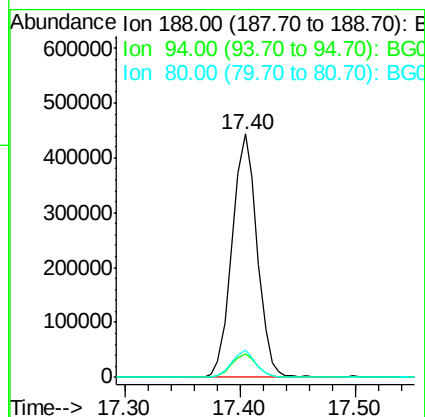
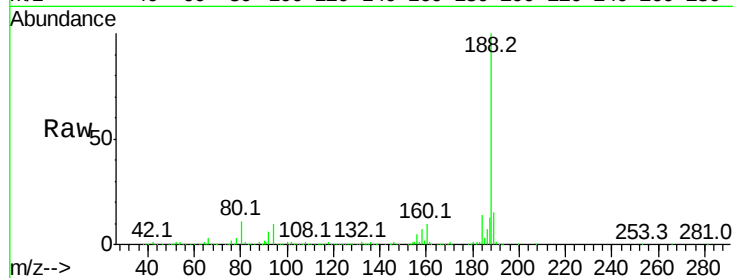




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

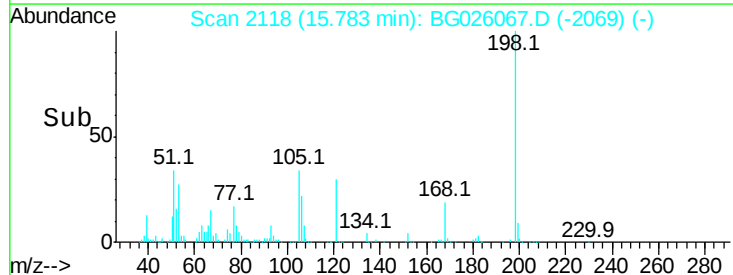
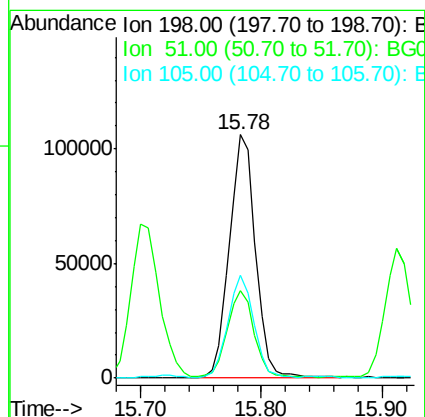
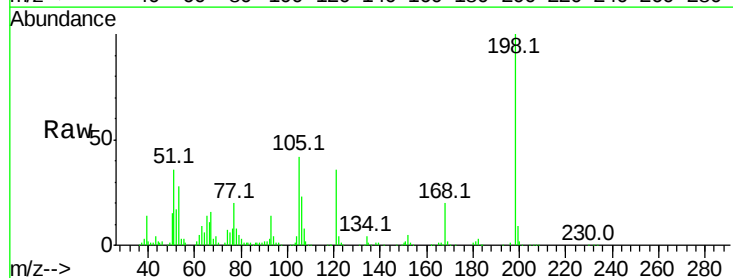
Instrument :
BNA_G
ClientSampled :
PB97313BS

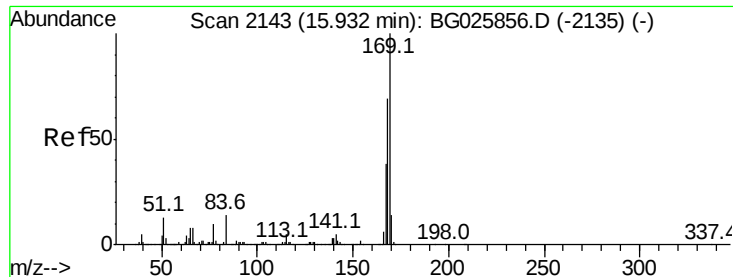
Tot Ion:188 Resp: 666905
Ion Ratio Lower Upper
188 100
94 9.6 5.8 8.8#
80 11.1 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 41.18 ng
RT: 15.78 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion:198 Resp: 160714
Ion Ratio Lower Upper
198 100
51 35.8 22.6 62.6
105 42.4 14.4 54.4

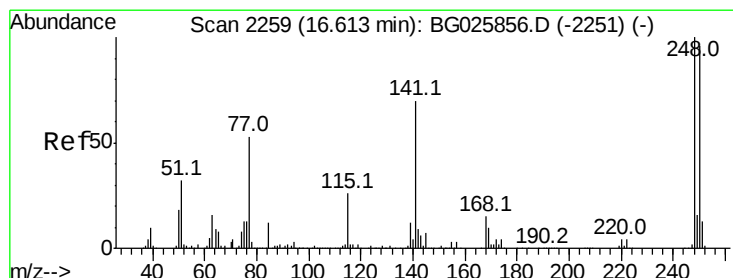
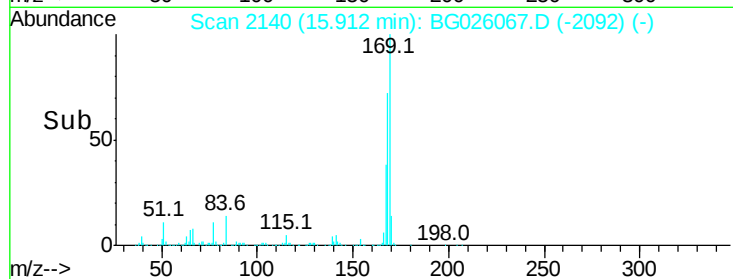
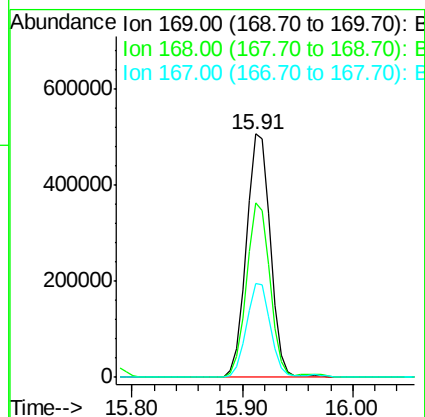
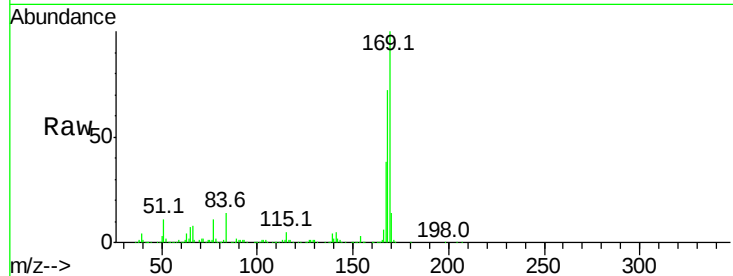




#65
n-Nitrosodiphenylamine
Concen: 38.27 ng
RT: 15.91 min Scan# 2140
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

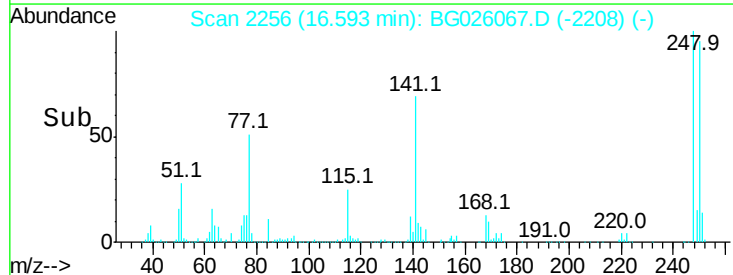
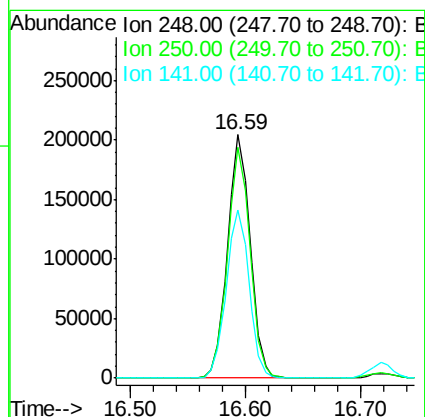
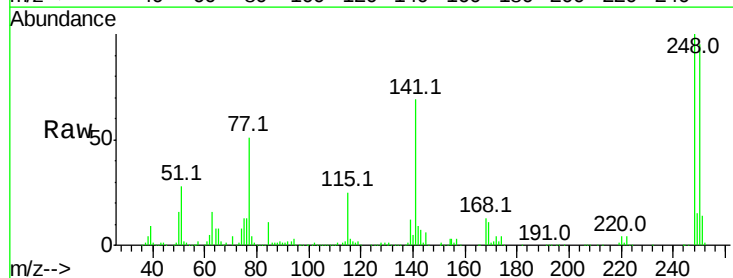
Instrument :
BNA_G
ClientSampleId :
PB97313BS

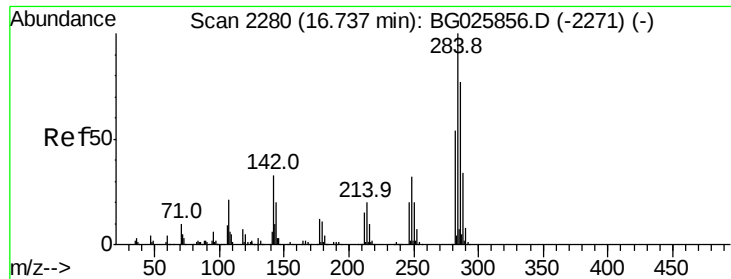
Tot Ion:169 Resp: 773963
Ion Ratio Lower Upper
169 100
168 71.6 55.7 83.5
167 38.3 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 39.86 ng
RT: 16.59 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion:248 Resp: 278603
Ion Ratio Lower Upper
248 100
250 94.9 75.0 112.6
141 69.1 55.2 82.8

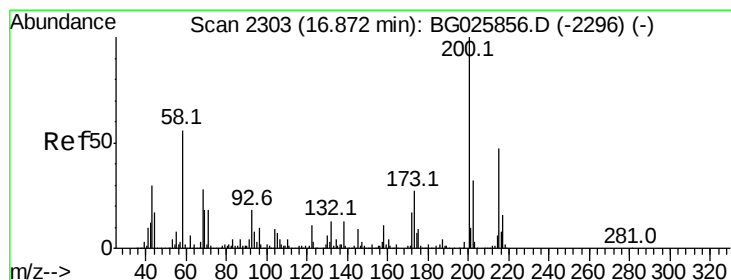
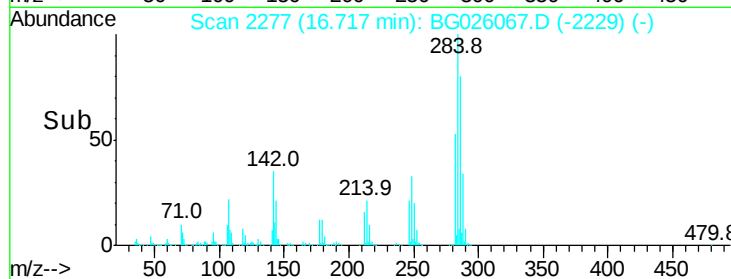
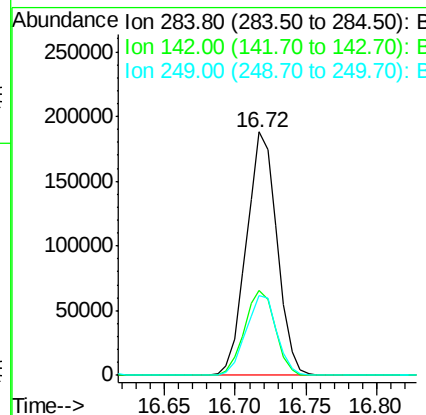
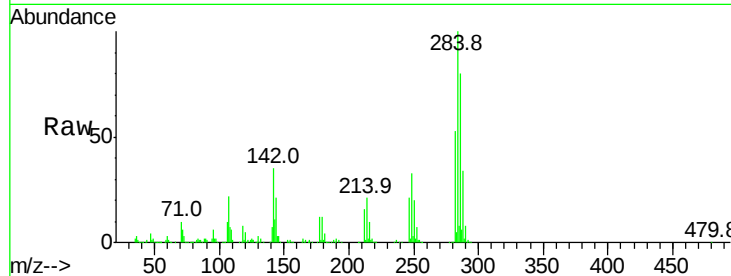




#67
Hexachlorobenzene
Concen: 39.65 ng
RT: 16.72 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

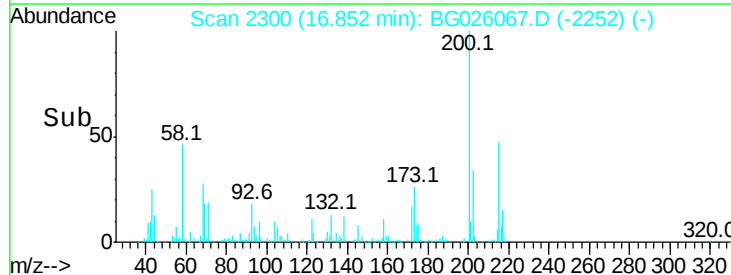
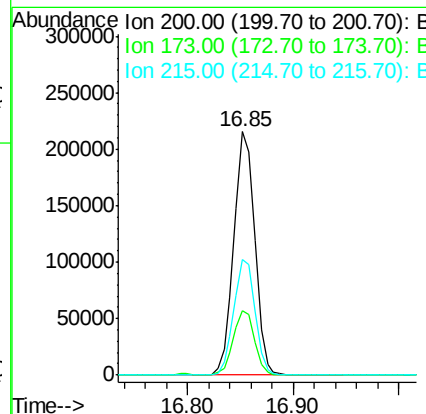
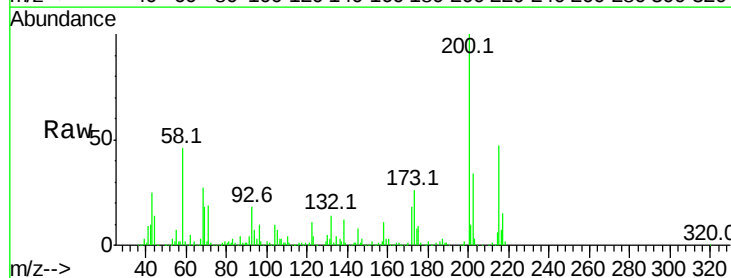
Instrument :
BNA_G
ClientSampleId :
PB97313BS

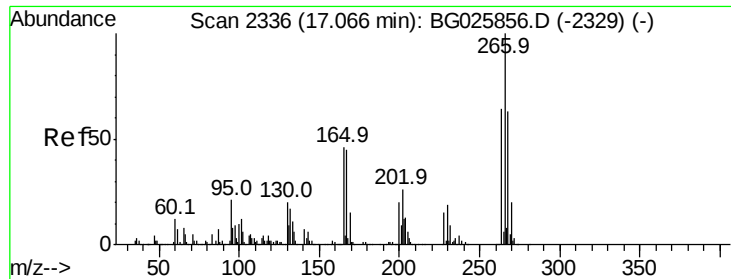
Tot Ion:	284	Resp:	285657
Ion Ratio	Lower	Upper	
284	100		
142	35.0	29.9	44.9
249	33.0	29.2	43.8



#68
Atrazine
Concen: 41.07 ng
RT: 16.85 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion:	200	Resp:	294025
Ion Ratio	Lower	Upper	
200	100		
173	26.3	3.0	43.0
215	47.3	28.4	68.4

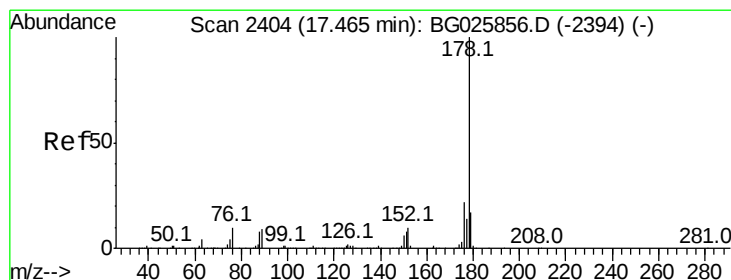
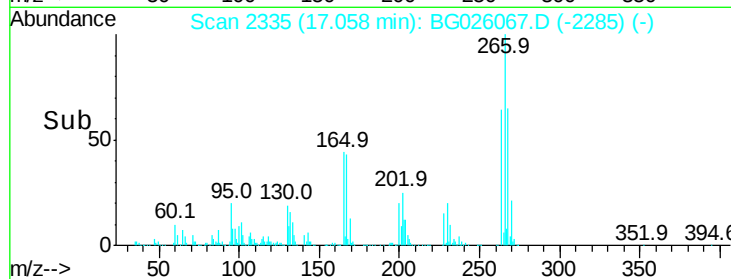
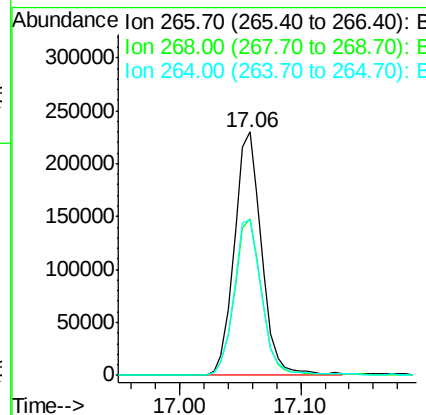
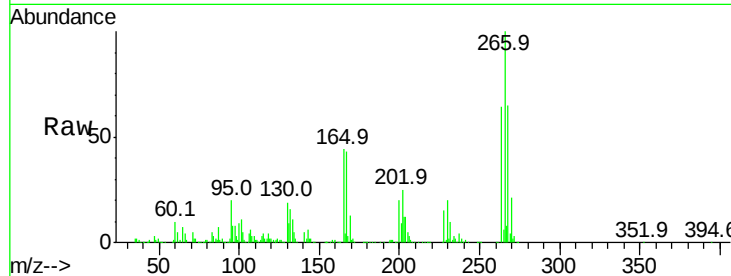




#69
 Pentachlorophenol
 Concen: 81.42 ng
 RT: 17.06 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

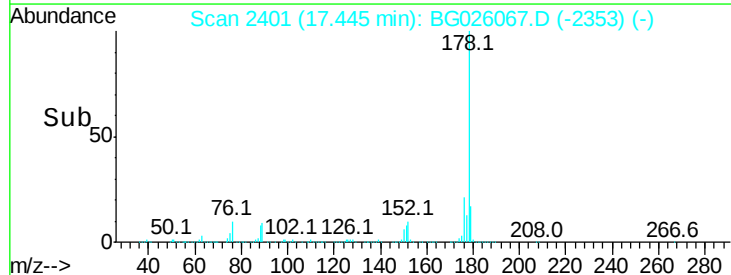
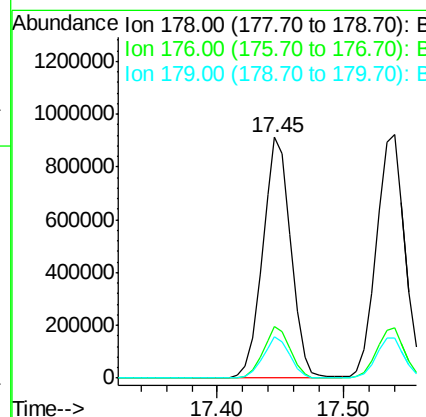
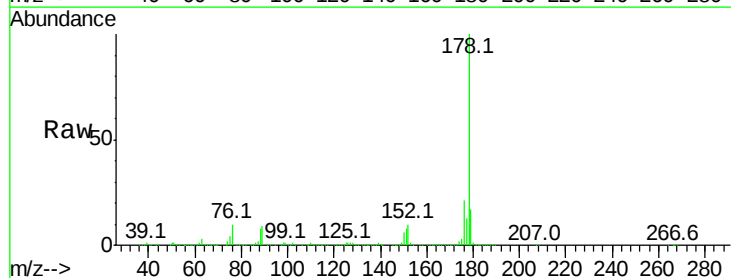
Instrument :
 BNA_G
 ClientSampleId :
 PB97313BS

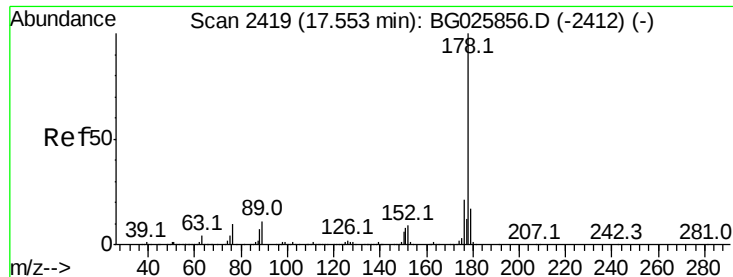
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	48.6	72.8
264	63.8	50.1	75.1



#70
 Phenanthrene
 Concen: 38.81 ng
 RT: 17.45 min Scan# 2401
 Delta R.T. -0.02 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.7	26.5
179	17.1	15.0	22.6



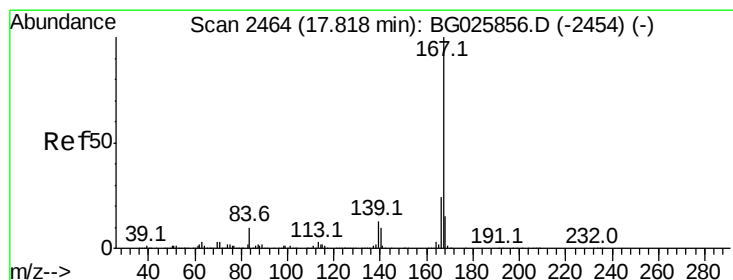
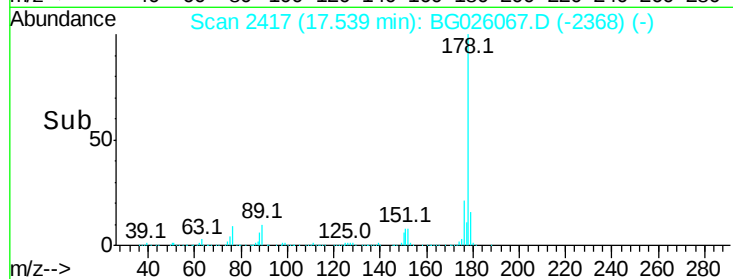
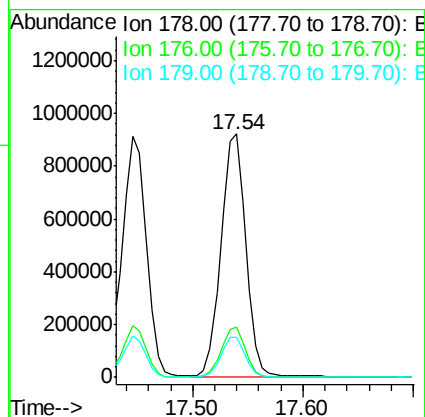
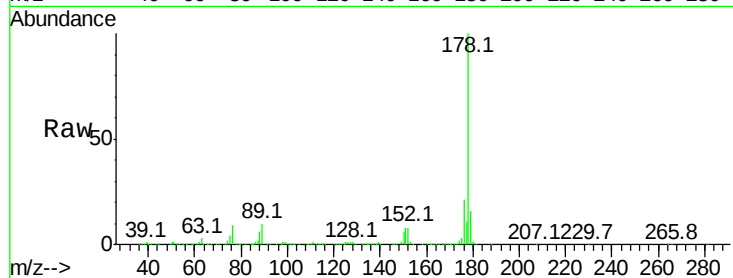


#71
 Anthracene
 Concen: 39.00 ng
 RT: 17.54 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

Instrument :
 BNA_G
 ClientSampleId :
 PB97313BS

Tot Ion:178 Resp: 1439452

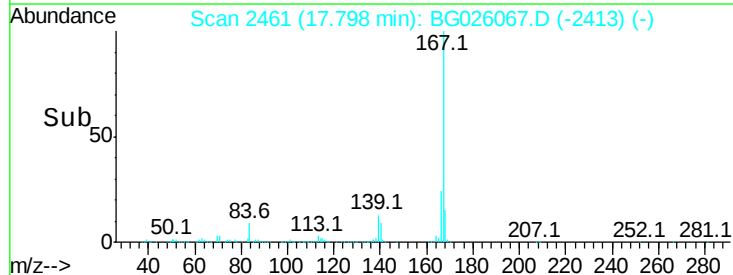
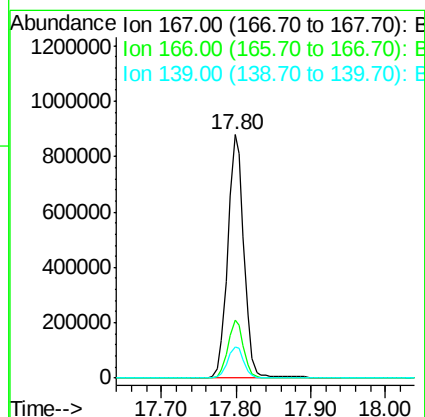
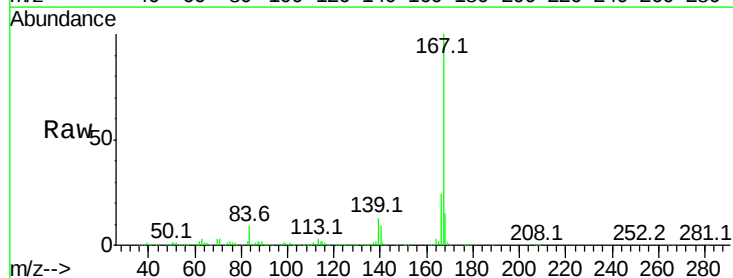
Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.4	24.6
179	16.4	13.8	20.8

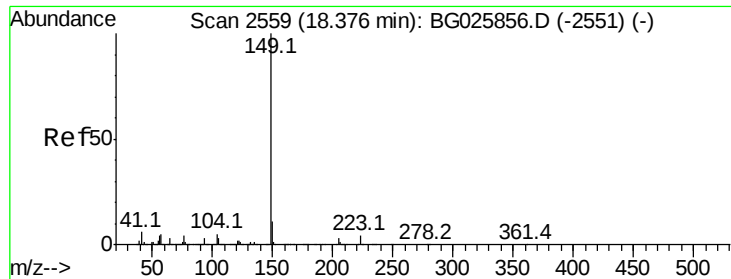


#72
 Carbazole
 Concen: 36.15 ng
 RT: 17.80 min Scan# 2461
 Delta R.T. -0.02 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

Tgt Ion:167 Resp: 1340469

Ion	Ratio	Lower	Upper
167	100		
166	24.0	20.2	30.2
139	13.0	12.8	19.2

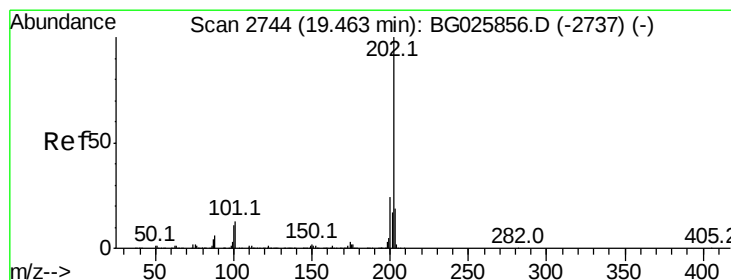
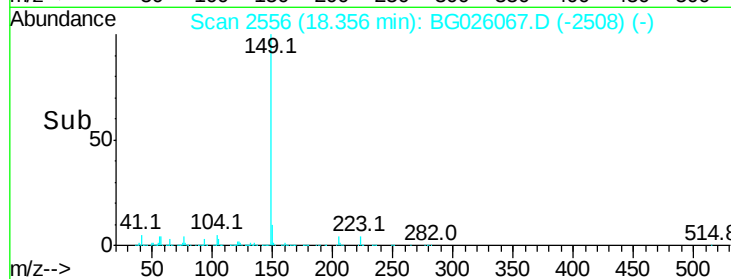
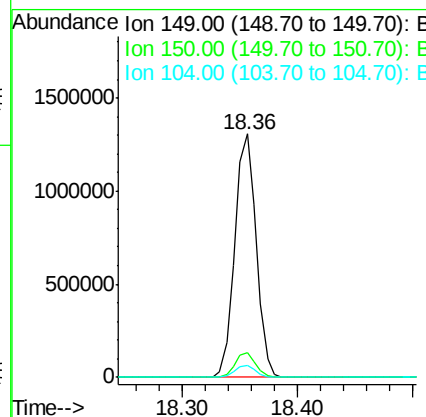
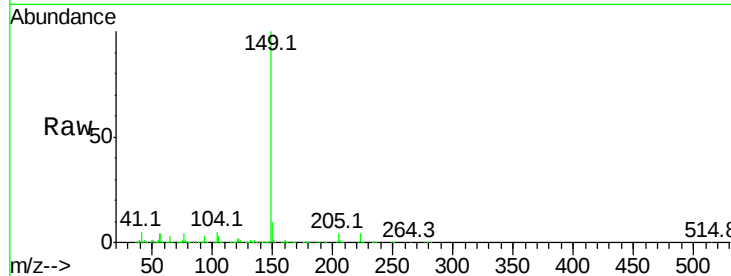




#73
Di-n-butylphthalate
Concen: 46.00 ng
RT: 18.36 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

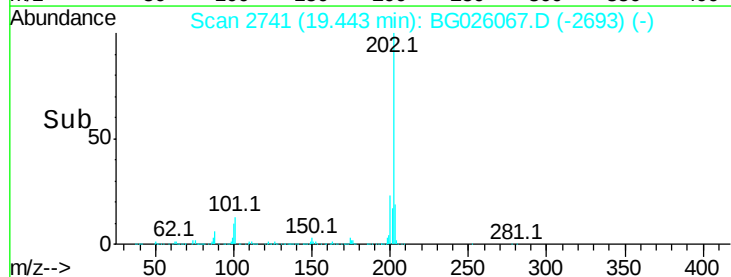
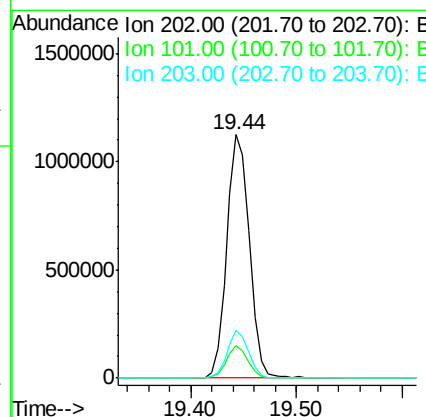
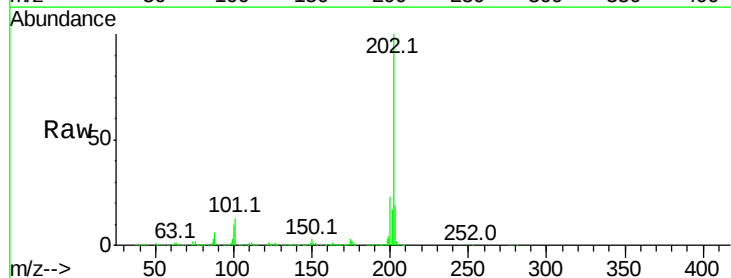
Instrument :
BNA_G
ClientSampleId :
PB97313BS

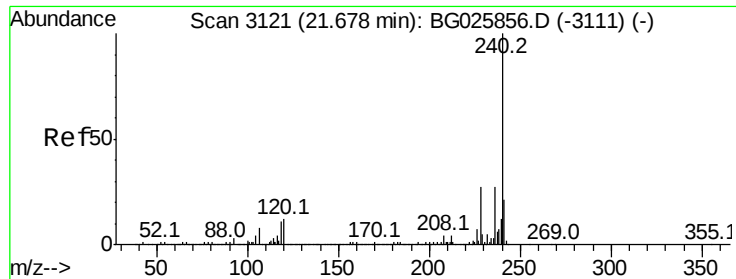
Tot Ion:149 Resp: 1674085
Ion Ratio Lower Upper
149 100
150 10.3 9.1 13.7
104 4.7 6.7 10.1#



#74
Fluoranthene
Concen: 41.75 ng
RT: 19.44 min Scan# 2741
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion:202 Resp: 1664135
Ion Ratio Lower Upper
202 100
101 13.3 0.0 30.1
203 19.4 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampled :

PB97313BS

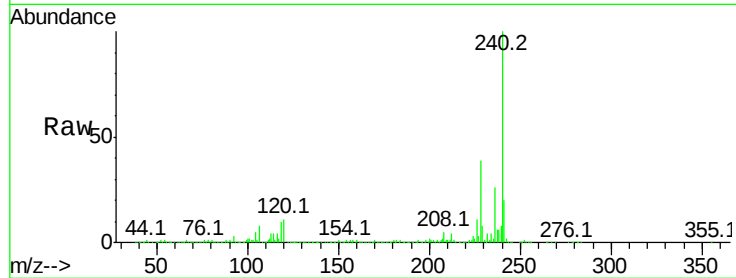
Tot Ion:240 Resp: 694814

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

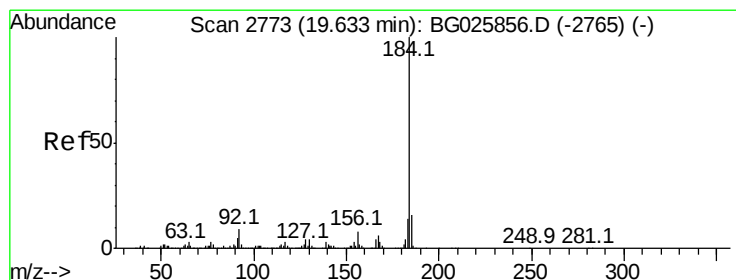
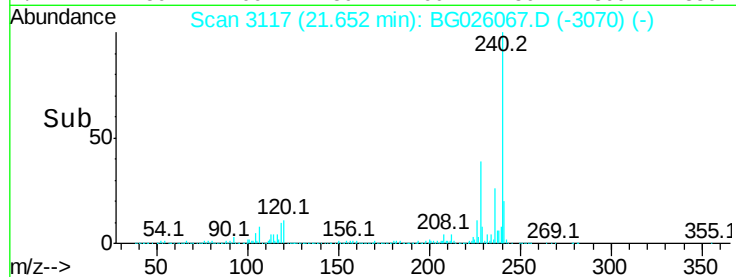
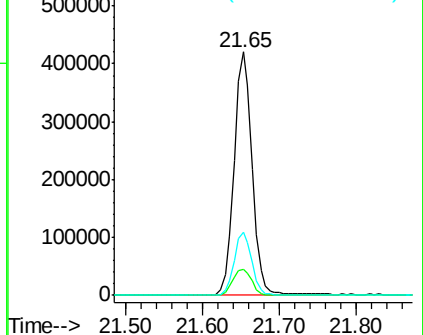
236 25.8 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.29 ng

RT: 19.61 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

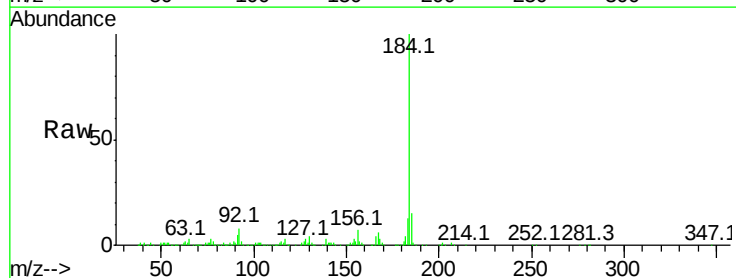
Tgt Ion:184 Resp: 423059

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.6

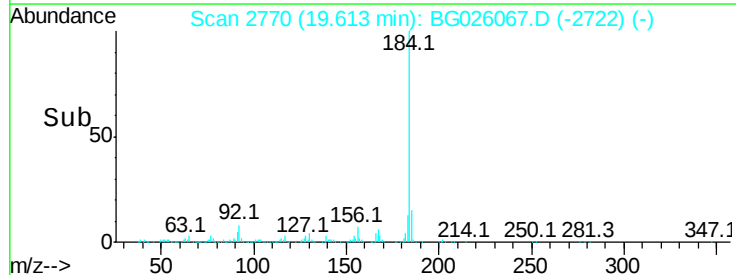
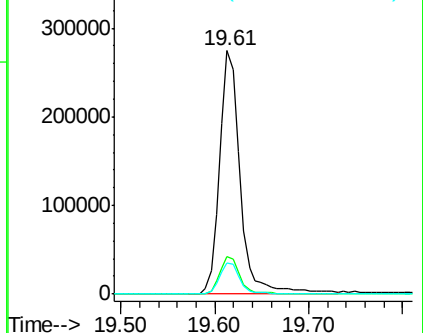
183 13.0 11.0 16.6

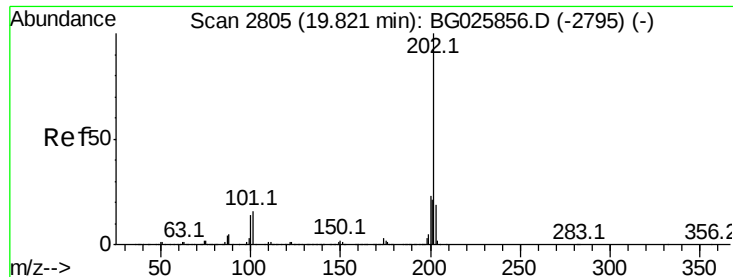


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

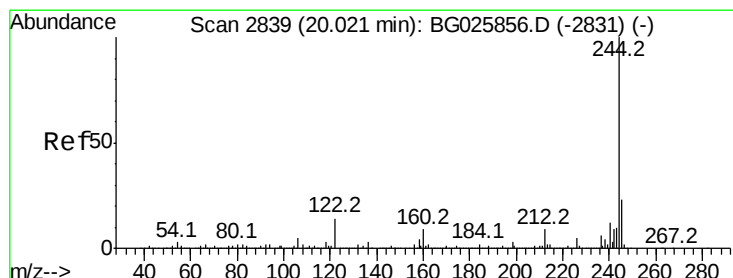
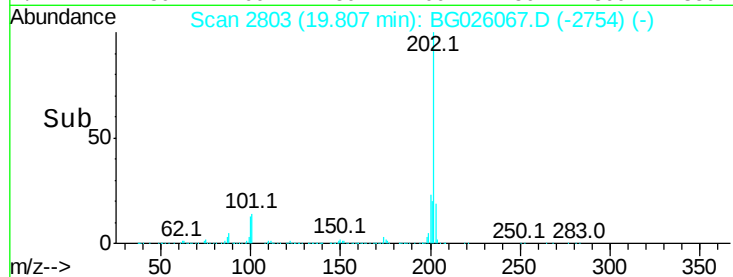
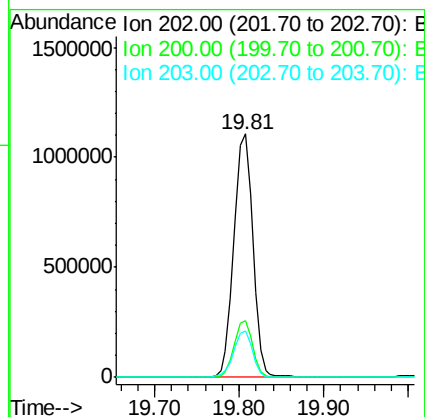
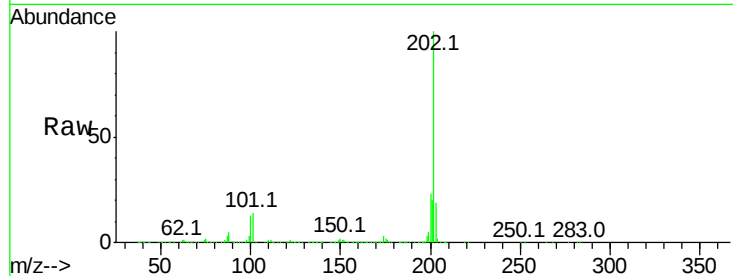




#77
Pvrene
Concen: 38.68 ng
RT: 19.81 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

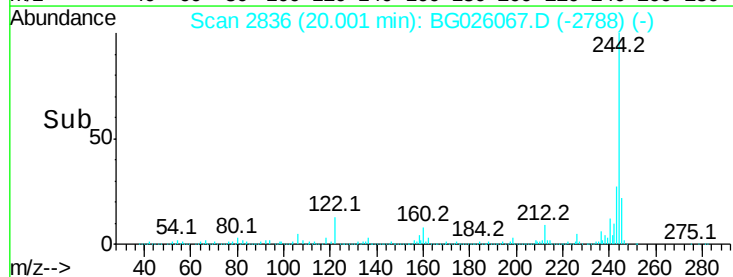
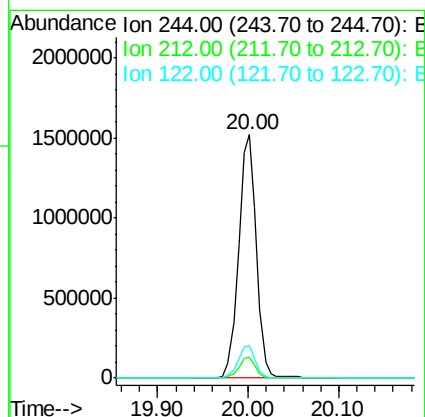
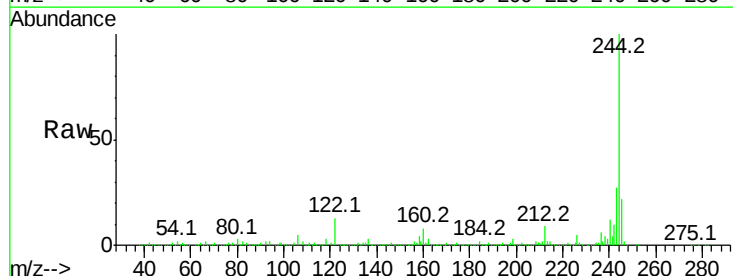
Instrument :
BNA_G
ClientSampled :
PB97313BS

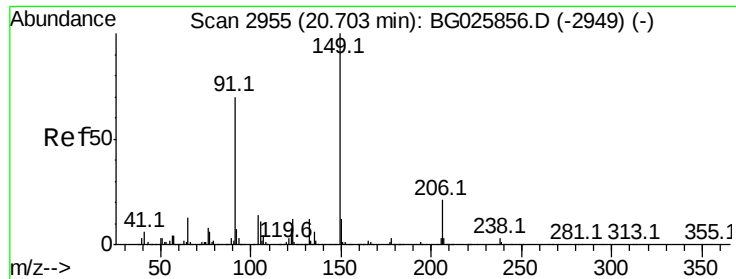
Tot Ion:202 Resp: 1699758
Ion Ratio Lower Upper
202 100
200 23.5 19.6 29.4
203 19.2 15.8 23.8



#78
Terphenyl-d14
Concen: 73.08 ng
RT: 20.00 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion:244 Resp: 2087834
Ion Ratio Lower Upper
244 100
212 8.5 10.0 15.0#
122 13.1 8.6 12.8#

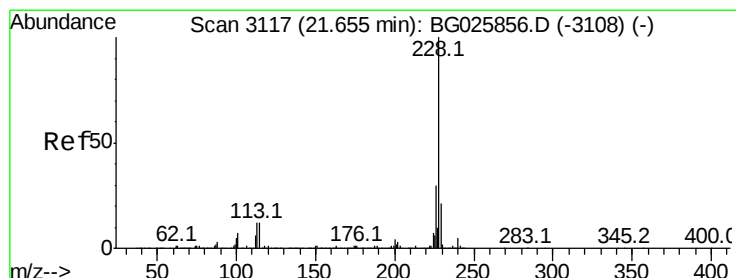
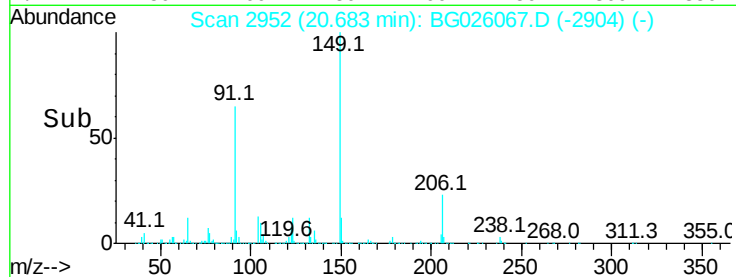
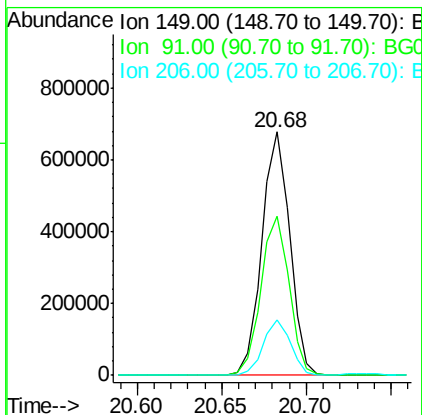
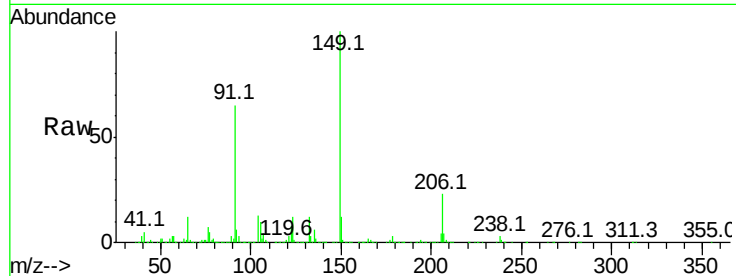




#79
Butylbenzylphthalate
Concen: 46.72 ng
RT: 20.68 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

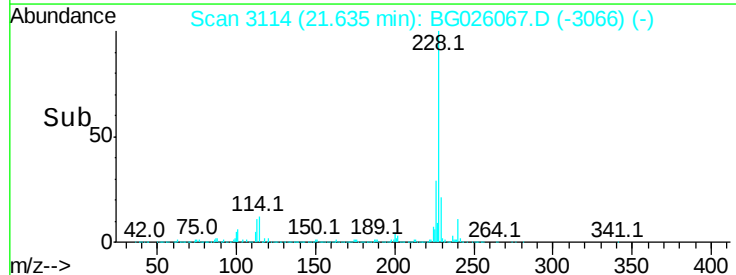
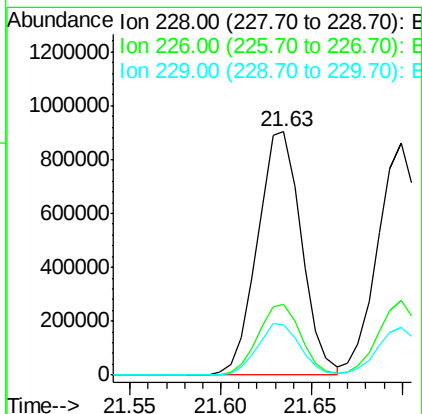
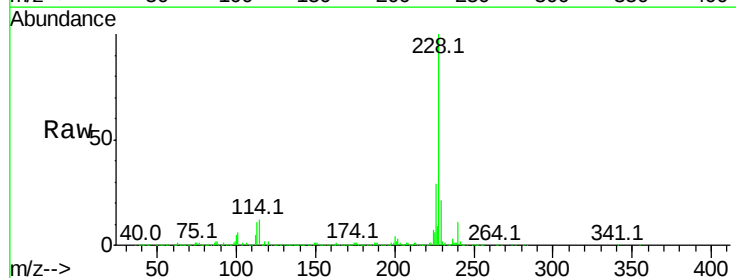
Instrument :
BNA_G
ClientSampleId :
PB97313BS

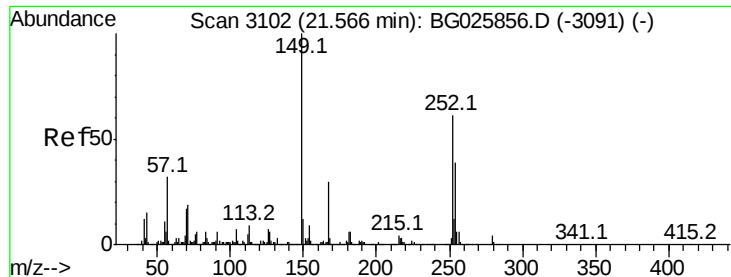
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.3	63.5	95.3
206	22.9	21.0	31.6



#80
Benzo(a)anthracene
Concen: 37.59 ng
RT: 21.63 min Scan# 3114
Delta R.T. -0.02 min
Lab File: BG026067.D
Acq: 3 Mar 2017 17:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	20.9	18.2	27.2

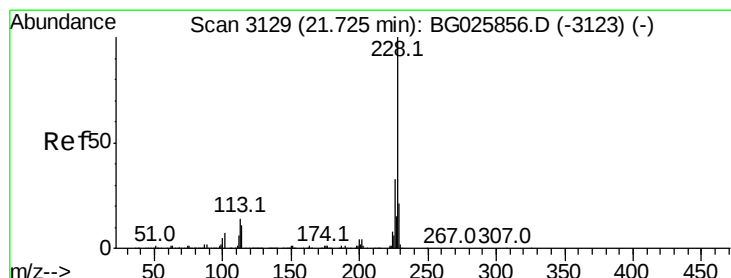
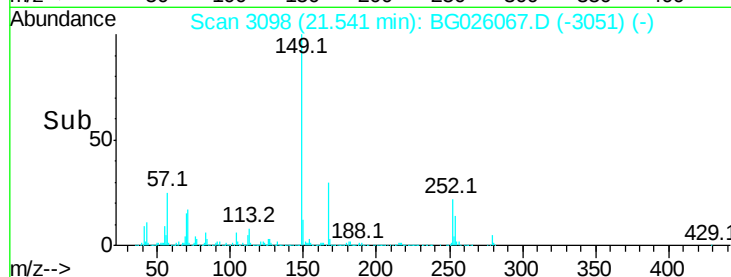
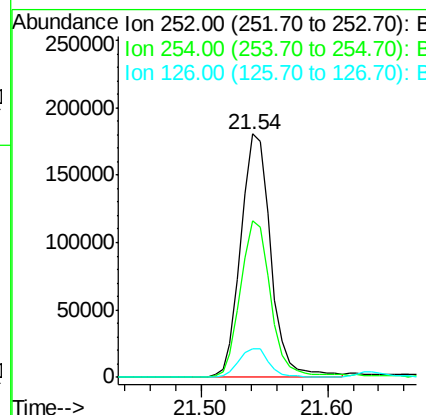
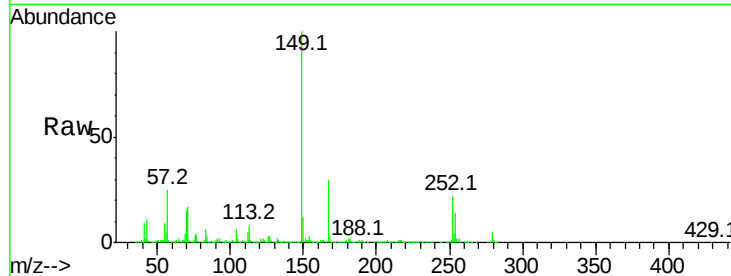




#81
 3,3'-Dichlorobenzidine
 Concen: 20.40 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.03 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

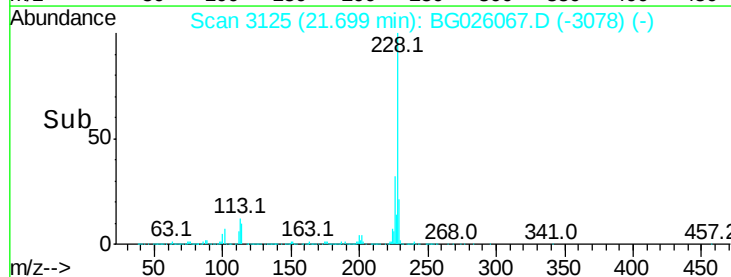
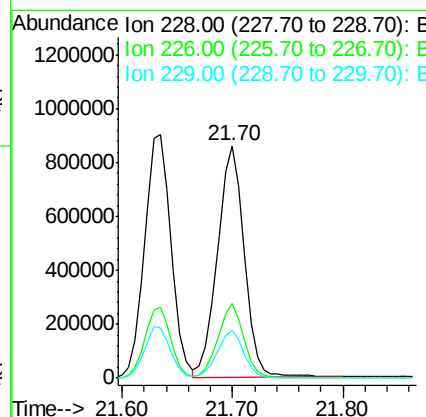
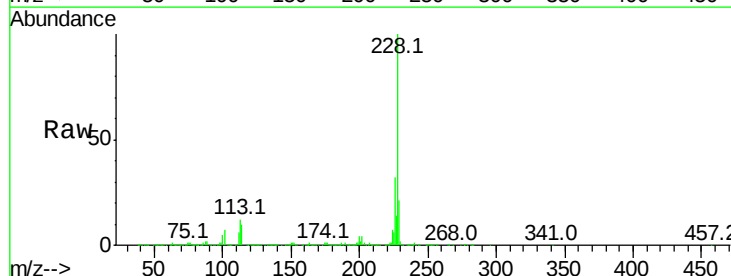
Instrument :
 BNA_G
 ClientSampleId :
 PB97313BS

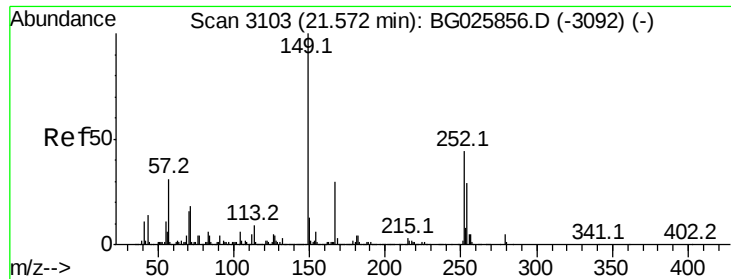
Tot Ion:252 Resp: 294990
 Ion Ratio Lower Upper
 252 100
 254 64.2 53.1 79.7
 126 11.6 7.0 10.4#



#82
 Chrysene
 Concen: 36.70 ng
 RT: 21.70 min Scan# 3125
 Delta R.T. -0.03 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

Tgt Ion:228 Resp: 1431597
 Ion Ratio Lower Upper
 228 100
 226 32.1 27.0 40.4
 229 20.8 17.8 26.6

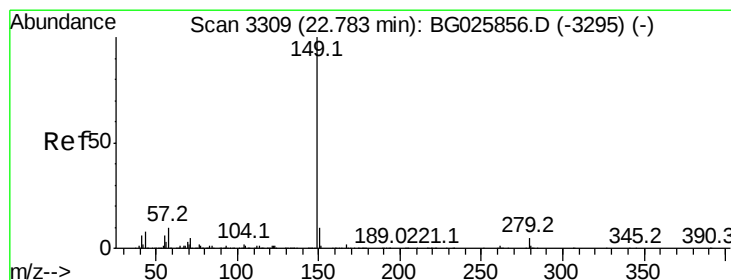
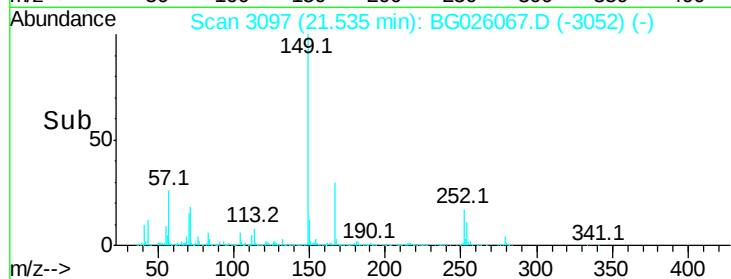
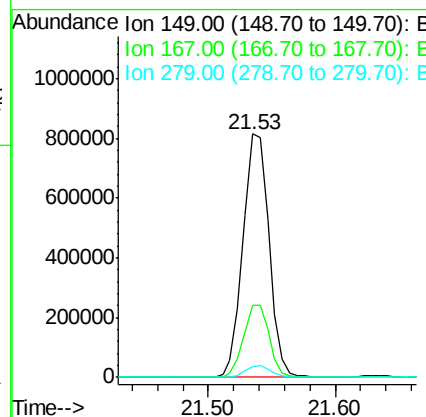
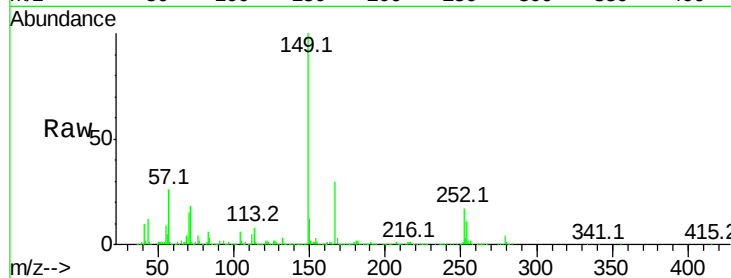




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.19 ng
 RT: 21.53 min Scan# 3097
 Delta R.T. -0.04 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

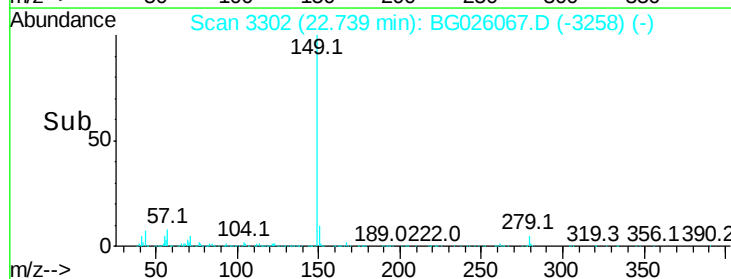
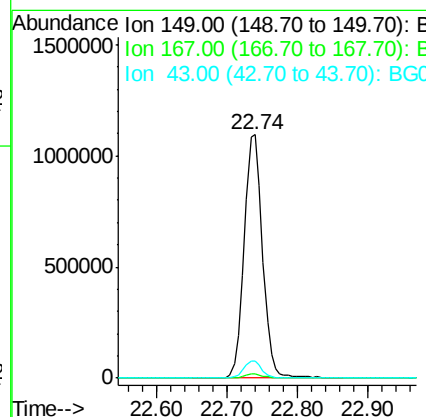
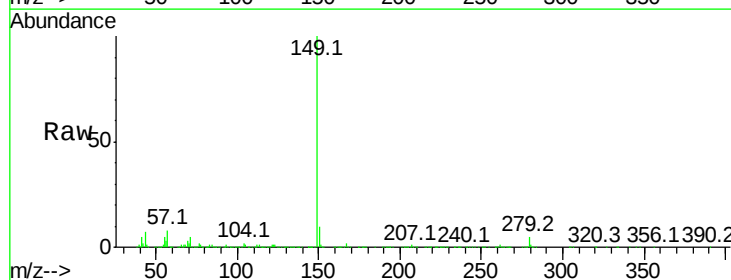
Instrument :
 BNA_G
 ClientSampleId :
 PB97313BS

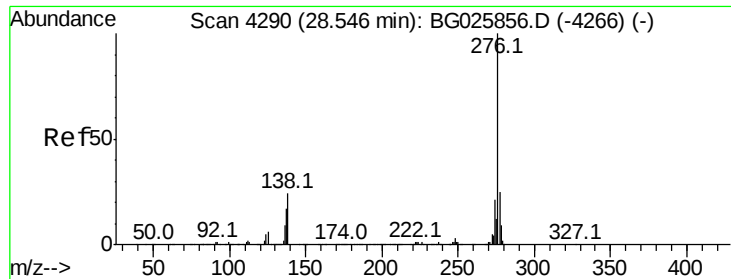
Tot Ion:149 Resp: 1160423
 Ion Ratio Lower Upper
 149 100
 167 29.9 23.7 35.5
 279 4.5 4.6 6.8#



#84
 Di-n-octyl phthalate
 Concen: 49.74 ng
 RT: 22.74 min Scan# 3302
 Delta R.T. -0.04 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

Tgt Ion:149 Resp: 1977924
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.2
 43 6.9 11.8 17.6#

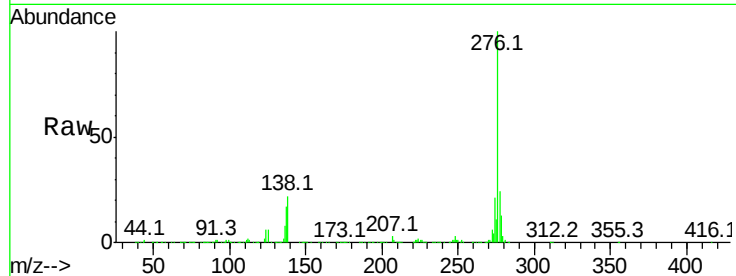




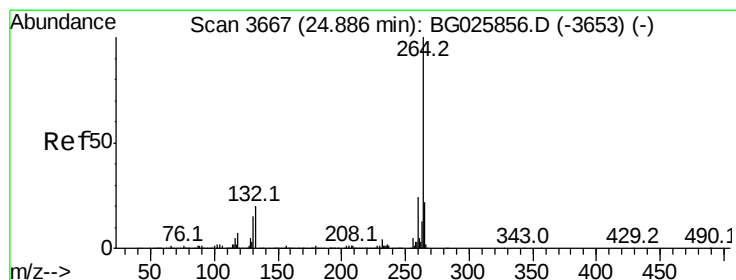
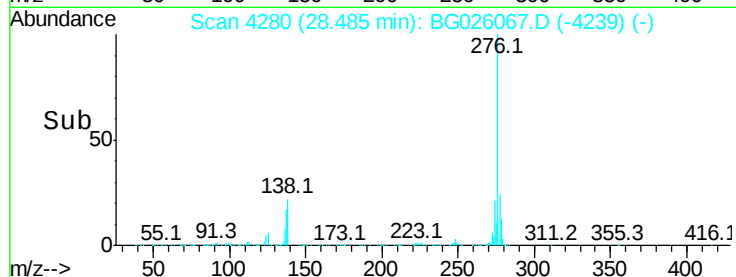
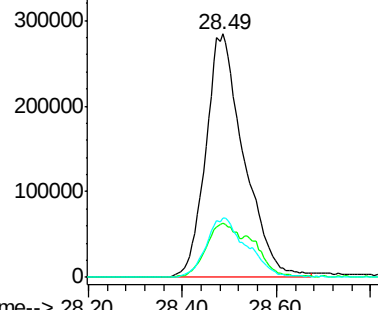
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.72 ng
 RT: 28.49 min Scan# 4280
 Delta R.T. -0.06 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

Instrument :
 BNA_G
 ClientSampleId :
 PB97313BS

Tot Ion:276 Resp: 1595363
 Ion Ratio Lower Upper
 276 100
 138 18.7 4.7 7.1#
 277 25.9 20.6 31.0

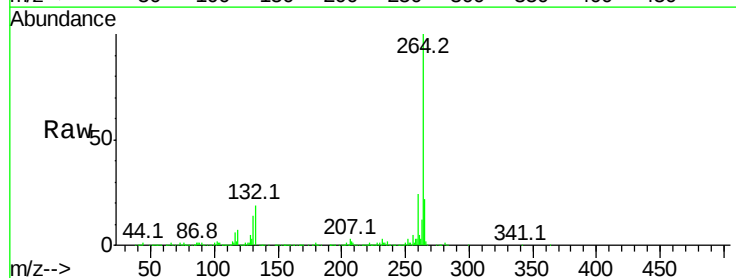


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

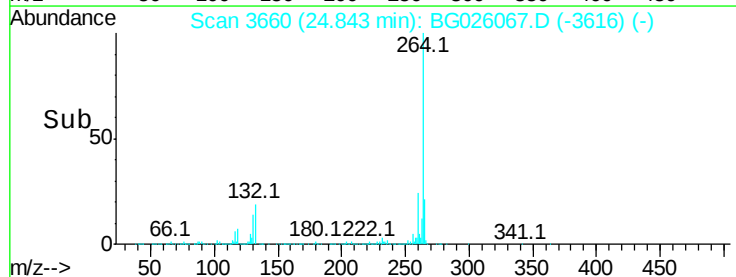
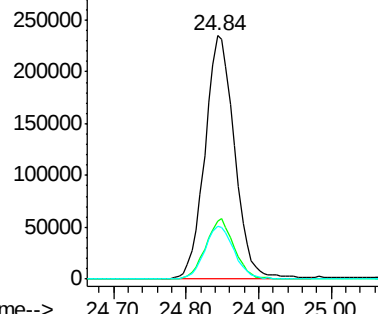


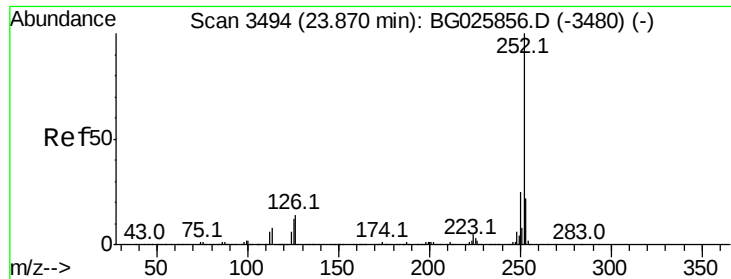
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.84 min Scan# 3660
 Delta R.T. -0.04 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

Tgt Ion:264 Resp: 664216
 Ion Ratio Lower Upper
 264 100
 260 23.7 21.8 32.8
 265 21.6 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.36 ng

RT: 23.83 min Scan# 3488

Delta R.T. -0.04 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

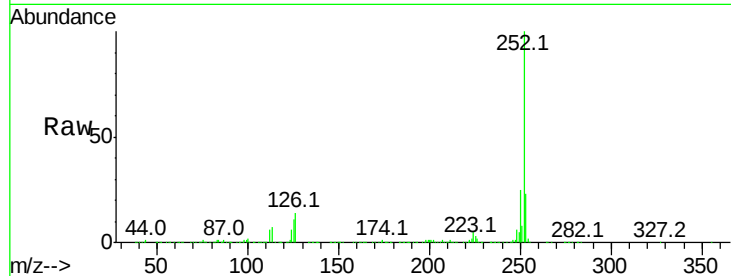
Tot Ion:252 Resp: 1565749

Ion Ratio Lower Upper

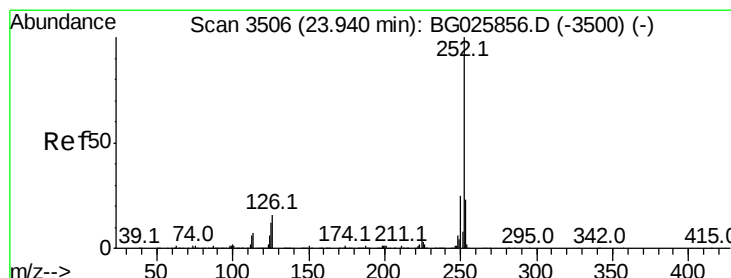
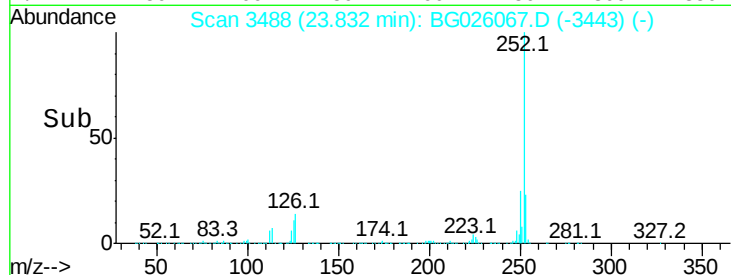
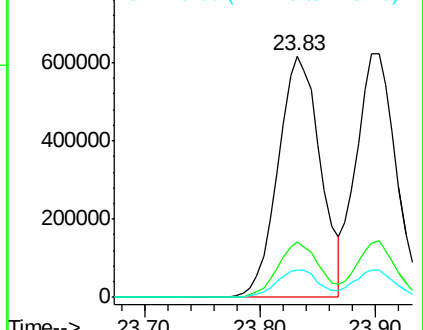
252 100

253 23.2 18.7 28.1

125 11.3 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.53 ng

RT: 23.90 min Scan# 3499

Delta R.T. -0.04 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

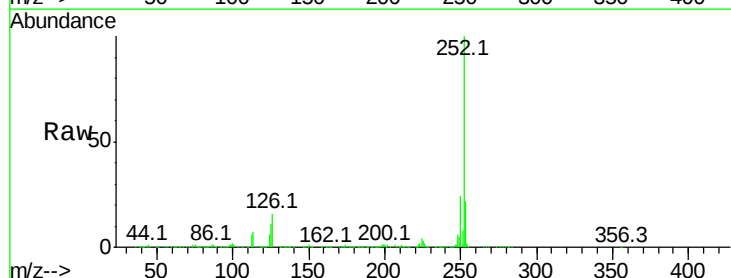
Tgt Ion:252 Resp: 1495673

Ion Ratio Lower Upper

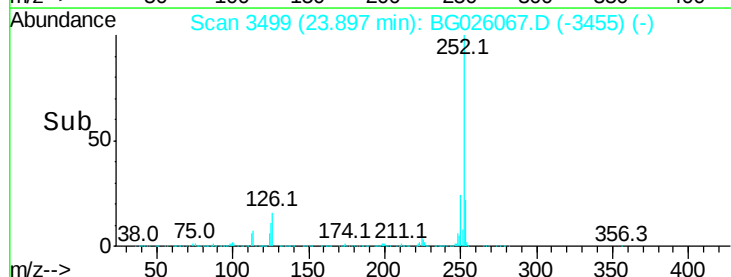
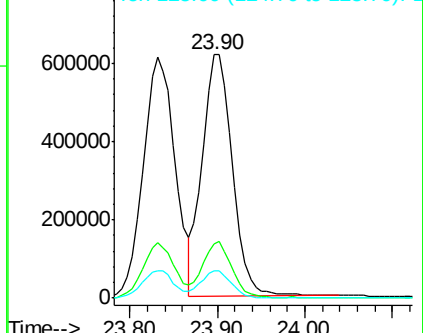
252 100

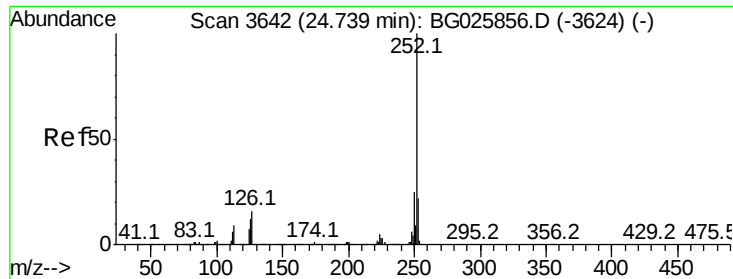
253 22.2 20.2 30.2

125 11.4 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.51 ng

RT: 24.70 min Scan# 3635

Delta R.T. -0.04 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB97313BS

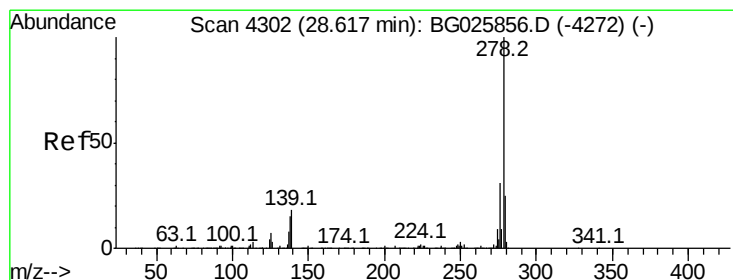
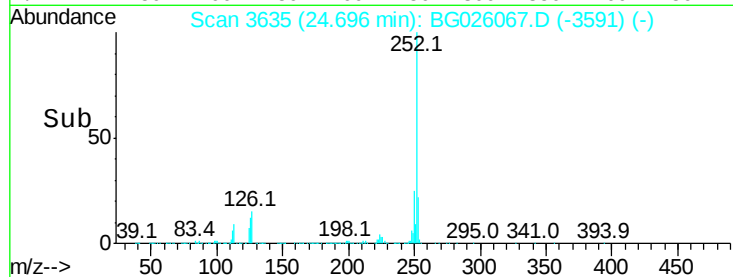
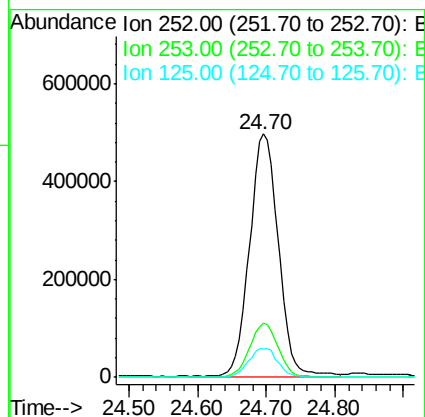
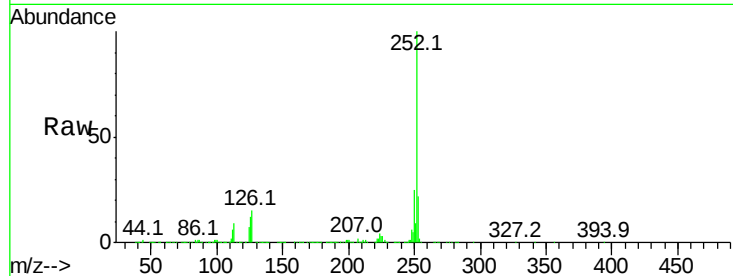
Tot Ion:252 Resp: 1450650

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.2	28.8
125	11.9	5.4	8.0

252 100

253 22.3 19.2 28.8

125 11.9 5.4 8.0



#90

Dibenzo(a,h)anthracene

Concen: 33.91 ng

RT: 28.55 min Scan# 4291

Delta R.T. -0.07 min

Lab File: BG026067.D

Acq: 3 Mar 2017 17:09

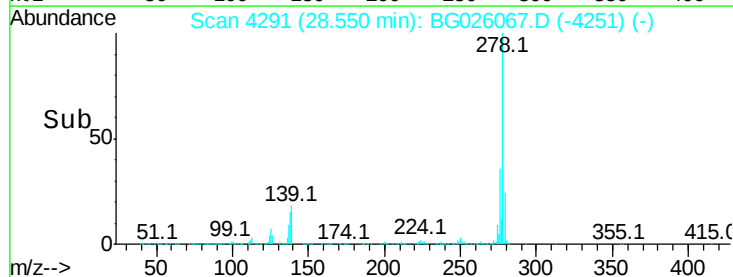
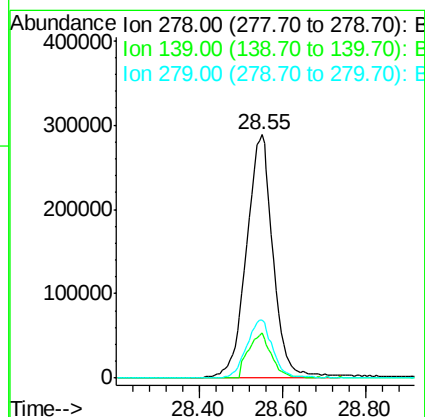
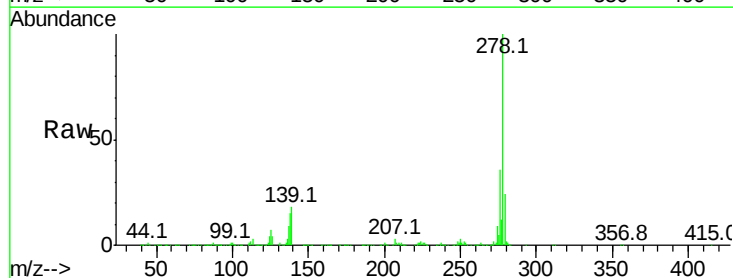
Tgt Ion:278 Resp: 1283229

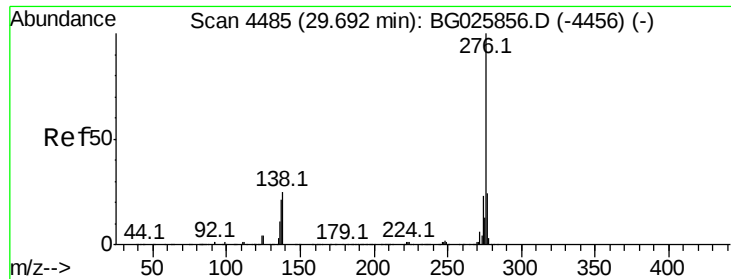
Ion	Ratio	Lower	Upper
278	100		
139	18.5	7.7	11.5
279	23.7	19.1	28.7

278 100

139 18.5 7.7 11.5

279 23.7 19.1 28.7





#91
 Benzo(a,h,i)perylene
 Concen: 36.27 ng
 RT: 29.63 min Scan# 4475
 Delta R.T. -0.06 min
 Lab File: BG026067.D
 Acq: 3 Mar 2017 17:09

Instrument :
 BNA_G
 ClientSampleId :
 PB97313BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	27.8
138	23.2	8.1	12.1

