

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
 Data File : BG026680.D
 Acq On : 20 Apr 2017 18:10
 Operator : SJ/MA
 Sample : PB98380BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98380BS

Quant Time: Apr 21 04:35:11 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	179907	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	784686	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	478857	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1229357	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1341891	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1344635	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1542216	155.84	ng	0.00
7) Phenol-d6	7.22	99	2001952	154.38	ng	0.01
23) Nitrobenzene-d5	9.19	82	1045780	92.99	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	960565	143.96	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2807541	87.32	ng	-0.02
78) Terphenyl-d14	19.97	244	3952457	86.96	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	139785	27.01	ng	# 70
3) Pyridine	3.88	79	401085	34.62	ng	# 60
4) n-Nitrosodimethylamine	3.80	42	137165	40.70	ng	# 1
6) Aniline	7.36	93	463427	28.62	ng	# 87
8) 2-Chlorophenol	7.61	128	570656	48.32	ng	# 77
9) Benzaldehyde	7.17	77	78381	8.92	ng	# 72
10) Phenol	7.25	94	687849	48.75	ng	# 69
11) bis(2-Chloroethyl)ether	7.44	93	484888	43.17	ng	# 81
12) 1,3-Dichlorobenzene	7.92	146	578658	41.58	ng	# 85
13) 1,4-Dichlorobenzene	8.07	146	593269m	41.96	ng	
14) 1,2-Dichlorobenzene	8.38	146	569207	42.61	ng	# 90
15) Benzyl Alcohol	8.27	79	383909	47.34	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	8.56	45	458616	42.20	ng	82
17) 2-Methylphenol	8.49	107	480678	48.62	ng	# 81
18) Hexachloroethane	9.11	117	185012	41.48	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	343577	42.74	ng	# 69
20) 3+4-Methylphenols	8.82	107	670211	49.33	ng	84
22) Acetophenone	8.85	105	747183	41.67	ng	# 74
24) Nitrobenzene	9.23	77	518702	43.56	ng	# 71
25) Isophorone	9.75	82	967477	41.96	ng	# 86
26) 2-Nitrophenol	9.94	139	327204	45.35	ng	# 62
27) 2,4-Dimethylphenol	10.02	122	546277	46.91	ng	85
28) bis(2-Chloroethoxy)methane	10.23	93	656440	43.56	ng	# 97
29) 2,4-Dichlorophenol	10.49	162	596512	48.98	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	580874	42.79	ng	97
31) Naphthalene	10.88	128	1651911	42.89	ng	100
32) Benzoic acid	10.18	122	367674	45.58	ng	# 70
33) 4-Chloroaniline	10.99	127	200059	12.11	ng	# 80
34) Hexachlorobutadiene	11.17	225	329569	42.46	ng	99
35) Caprolactam	11.76	113	200585m	42.41	ng	
36) 4-Chloro-3-methylphenol	12.13	107	580997	47.36	ng	# 72
37) 2-Methylnaphthalene	12.48	142	1282107	43.26	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	623612	42.28	ng	97
40) Hexachlorocyclopentadiene	12.83	237	686145	92.06	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

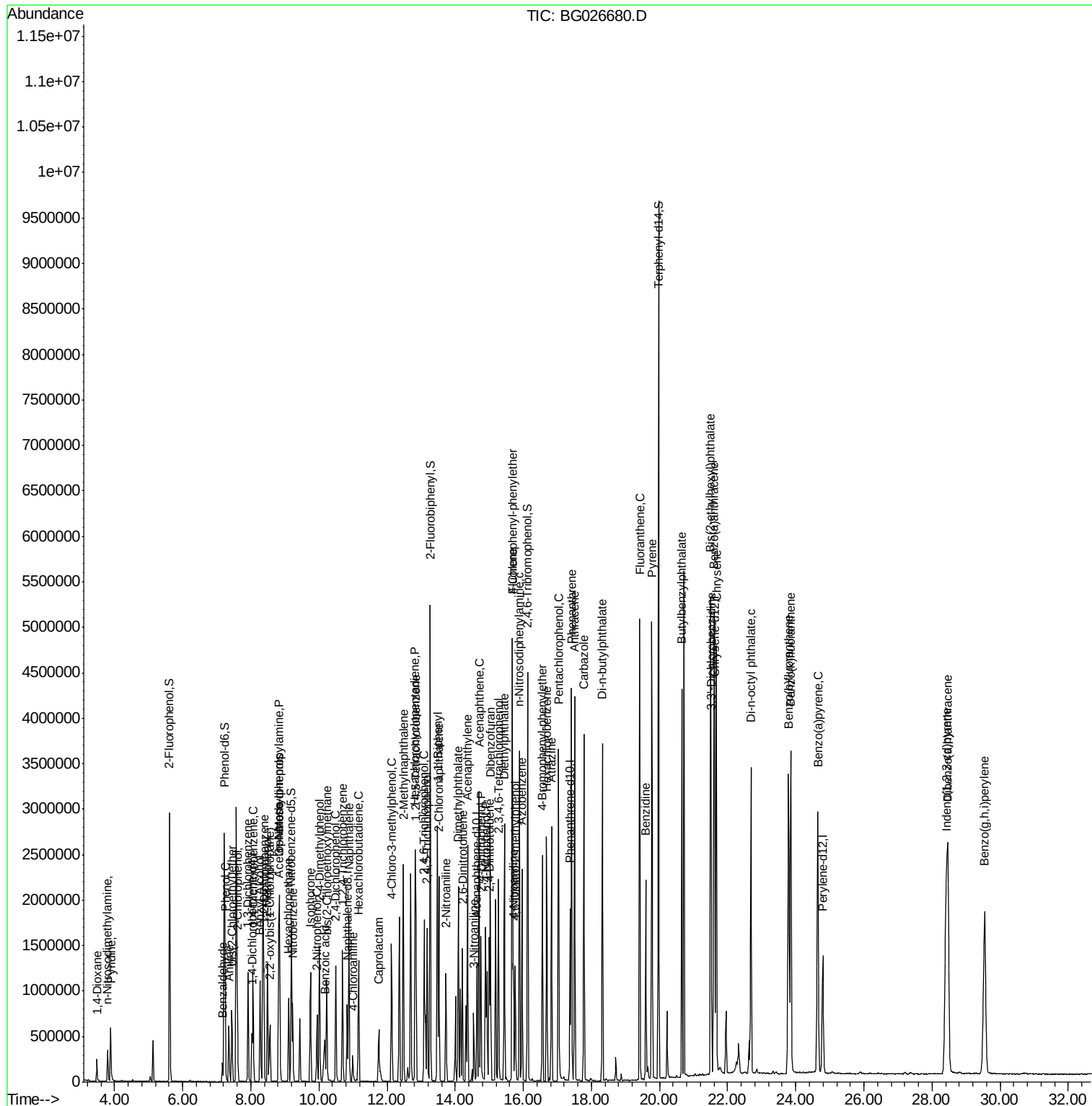
42) 2,4,6-Trichlorophenol	13.09	196	486125	46.28	nq	96
43) 2,4,5-Trichlorophenol	13.18	196	526167	47.37	nq	# 91
45) 1,1'-Biphenyl	13.48	154	1649899	42.40	nq	98
46) 2-Chloronaphthalene	13.52	162	1266862	42.96	nq	97
47) 2-Nitroaniline	13.73	65	348570	46.28	nq	# 46
48) Acenaphthylene	14.37	152	2053780	43.31	nq	99
49) Dimethylphthalate	14.09	163	1627976	42.95	nq	98
50) 2,6-Dinitrotoluene	14.21	165	405197	45.71	nq	# 59
51) Acenaphthene	14.70	154	1305918	43.27	nq	100
52) 3-Nitroaniline	14.55	138	266638	27.58	nq	# 66
53) 2,4-Dinitrophenol	14.76	184	505213	94.23	nq	# 72
54) Dibenzofuran	15.03	168	2008216	42.69	nq	91
55) 4-Nitrophenol	14.89	139	716182	87.75	nq	# 37
56) 2,4-Dinitrotoluene	15.00	165	596325	47.37	nq	# 67
57) Fluorene	15.68	166	1682436	43.44	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	503188	44.55	nq	# 96
59) Diethylphthalate	15.45	149	1660832	43.09	nq	98
60) 4-Chlorophenyl-phenylether	15.67	204	848573	43.90	nq	88
61) 4-Nitroaniline	15.72	138	482928	46.84	nq	# 51
62) Azobenzene	15.96	77	1309210	44.03	nq	77
64) 4,6-Dinitro-2-methylphenol	15.76	198	392592	47.29	nq	84
65) n-Nitrosodiphenylamine	15.89	169	1558546	43.95	nq	97
66) 4-Bromophenyl-phenylether	16.56	248	592922	44.14	nq	92
67) Hexachlorobenzene	16.69	284	629702	42.64	nq	91
68) Atrazine	16.83	200	587444	42.36	nq	94
69) Pentachlorophenol	17.03	266	780873	87.52	nq	95
70) Phenanthrene	17.41	178	2723729	43.03	nq	99
71) Anthracene	17.51	178	2819217	43.10	nq	96
72) Carbazole	17.78	167	2638468	42.13	nq	97
73) Di-n-butylphthalate	18.32	149	2932348	41.75	nq	# 95
74) Fluoranthene	19.42	202	3102254	42.27	nq	96
76) Benzidine	19.59	184	1486133	41.40	nq	99
77) Pyrene	19.78	202	3140626	43.47	nq	96
79) Butylbenzylphthalate	20.65	149	1379256	44.37	nq	# 84
80) Benzo(a)anthracene	21.60	228	3119485	43.04	nq	97
81) 3,3'-Dichlorobenzidine	21.52	252	898878	29.91	nq	99
82) Chrysene	21.67	228	2852931	42.78	nq	97
83) Bis(2-ethylhexyl)phthalate	21.50	149	1946059	43.44	nq	95
84) Di-n-octyl phthalate	22.68	149	3286891	43.94	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.41	276	4076281	44.58	nq	# 87
87) Benzo(b)fluoranthene	23.79	252	3333916	43.30	nq	# 95
88) Benzo(k)fluoranthene	23.85	252	3259860	43.93	nq	# 97
89) Benzo(a)pyrene	24.65	252	3245578	43.67	nq	# 96
90) Dibenzo(a,h)anthracene	28.47	278	3440285	45.06	nq	# 93
91) Benzo(g,h,i)perylene	29.55	276	3389392	44.40	nq	# 87

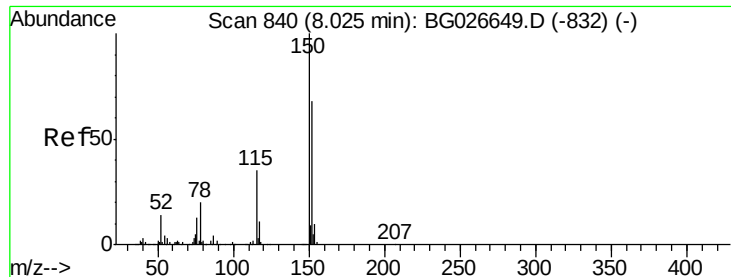
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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ALS Vial  : 4      Sample Multiplier: 1
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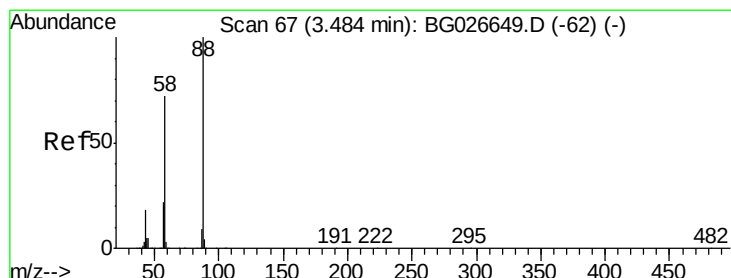
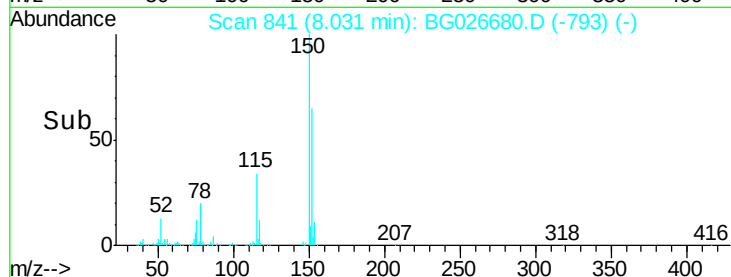
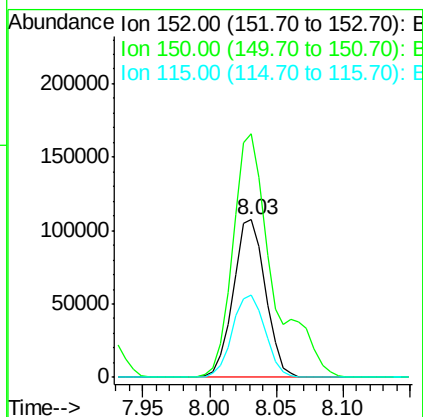
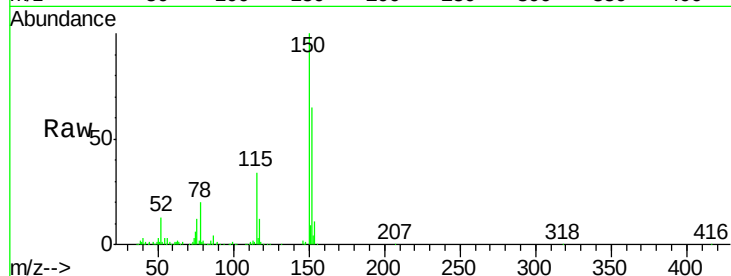


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
PB98380BS

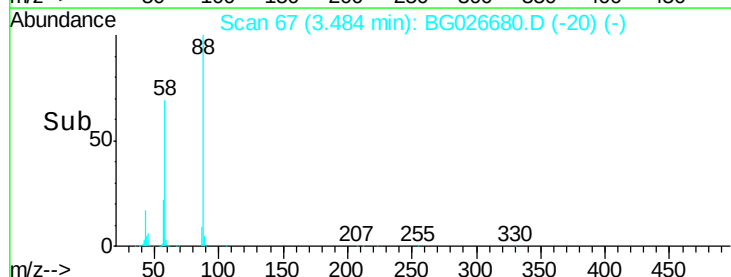
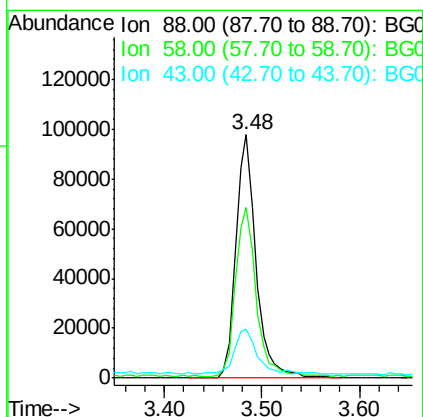
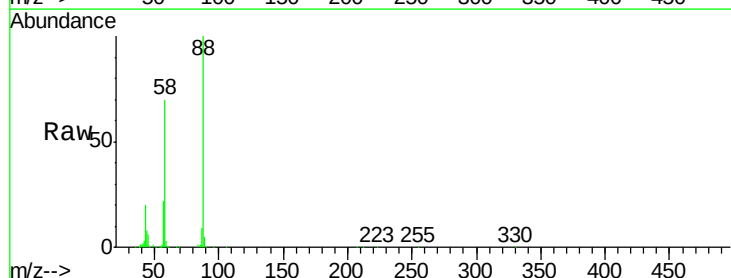
Tot Ion:152 Resp: 179907
Ion Ratio Lower Upper
152 100
150 154.8 114.0 171.0
115 52.2 48.1 72.1

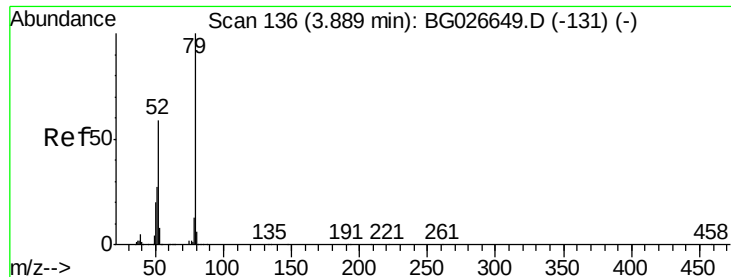


#2

1,4-Dioxane
Concen: 27.01 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.02 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

Tgt Ion: 88 Resp: 139785
Ion Ratio Lower Upper
88 100
58 70.7 79.4 119.2#
43 20.6 33.8 50.6#





#3

Pvridine

Concen: 34.62 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

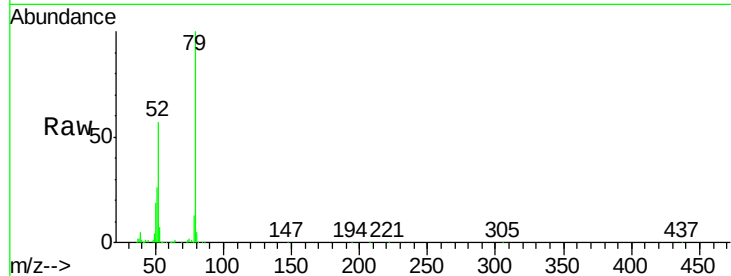
Tot Ion: 79 Resp: 401085

Ion Ratio Lower Upper

79 100

52 56.7 77.8 116.6#

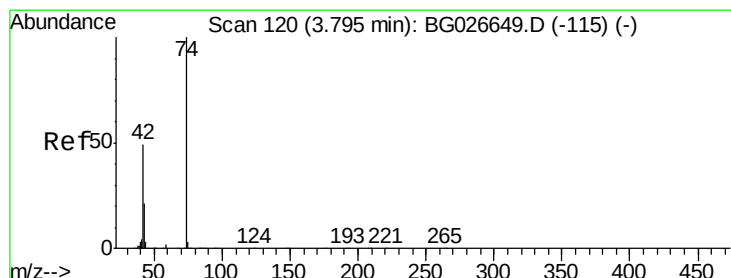
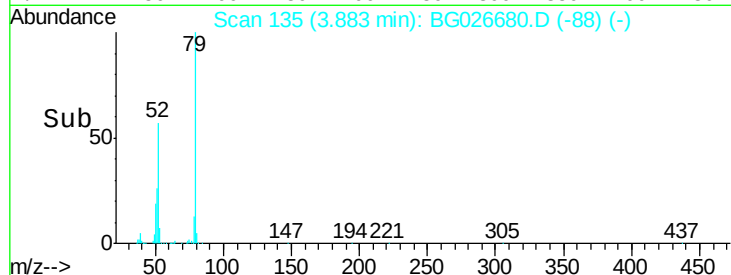
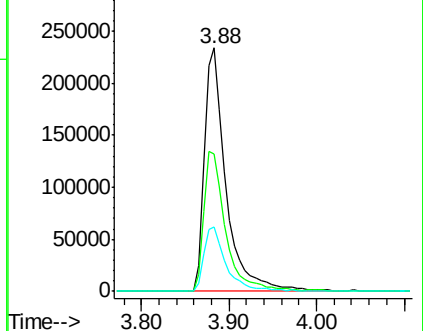
51 26.5 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.70 ng

RT: 3.80 min Scan# 120

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

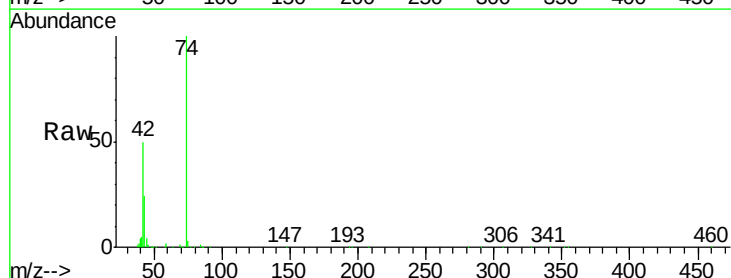
Tgt Ion: 42 Resp: 137165

Ion Ratio Lower Upper

42 100

74 201.5 76.7 115.1#

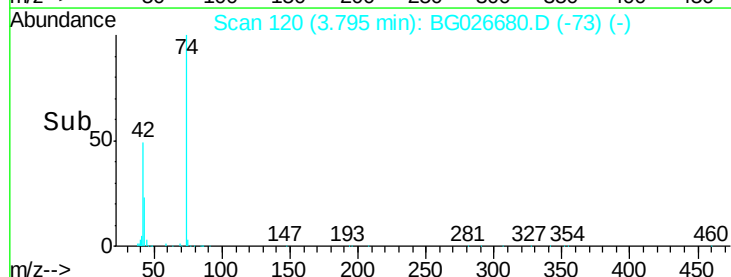
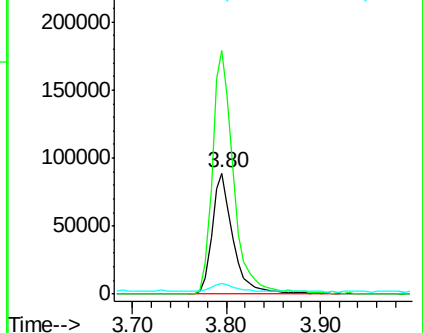
44 8.9 6.1 9.1

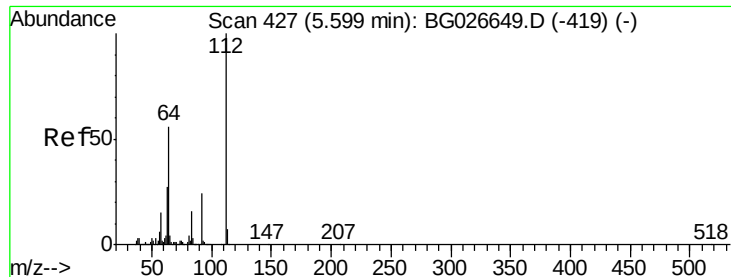


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 155.84 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

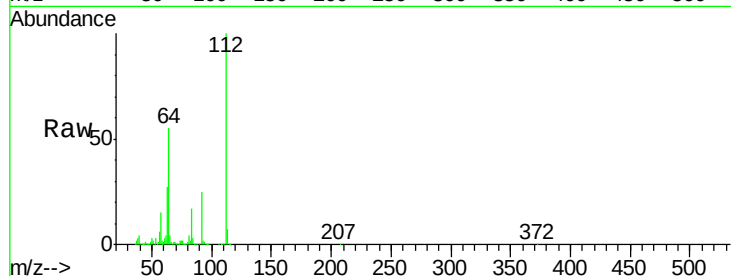
Tot Ion:112 Resp: 1542216

Ion Ratio Lower Upper

112 100

64 55.1 61.8 92.6#

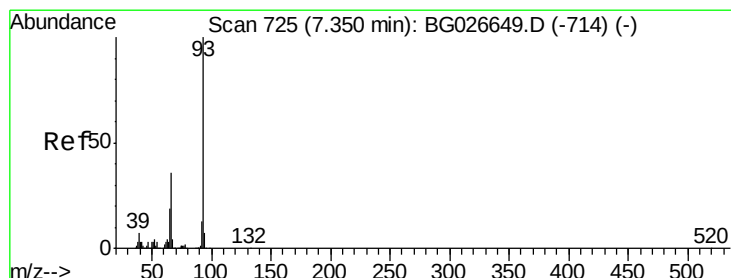
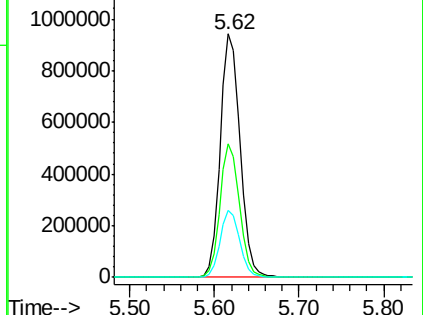
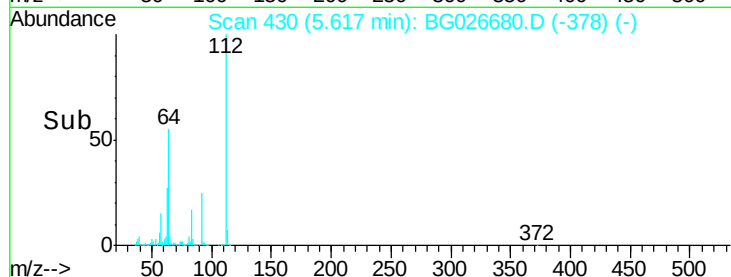
63 27.3 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.62 ng

RT: 7.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

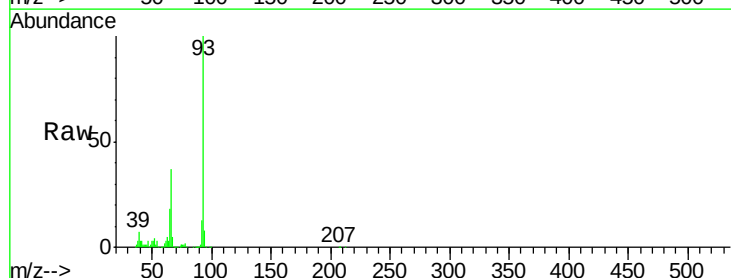
Tgt Ion: 93 Resp: 463427

Ion Ratio Lower Upper

93 100

66 36.6 35.4 53.2

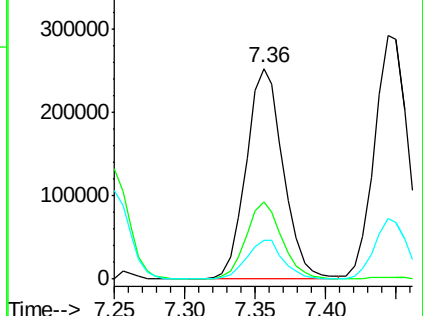
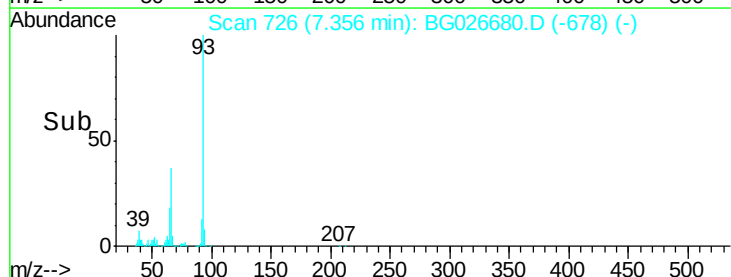
65 18.2 21.2 31.8#

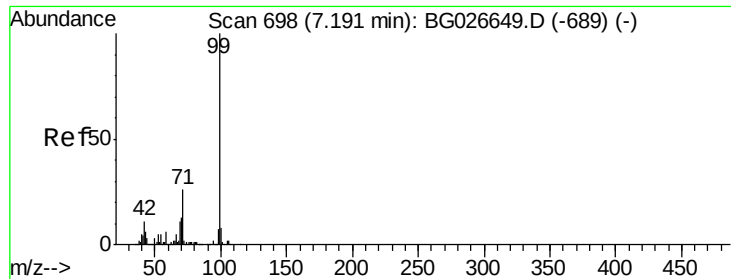


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 154.38 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

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ClientSampled :

PB98380BS

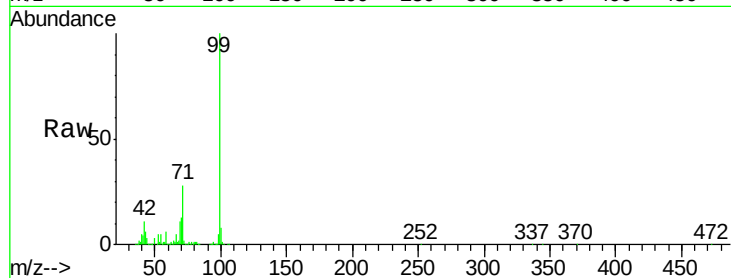
Tot Ion: 99 Resp: 2001952

Ion Ratio Lower Upper

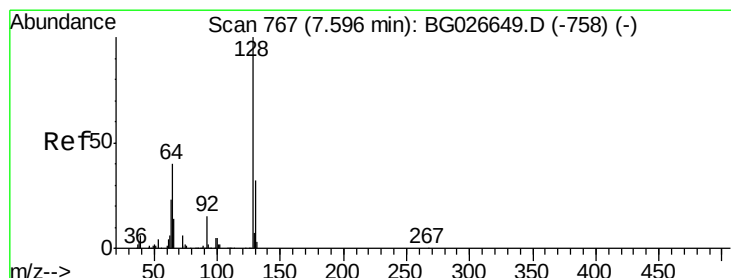
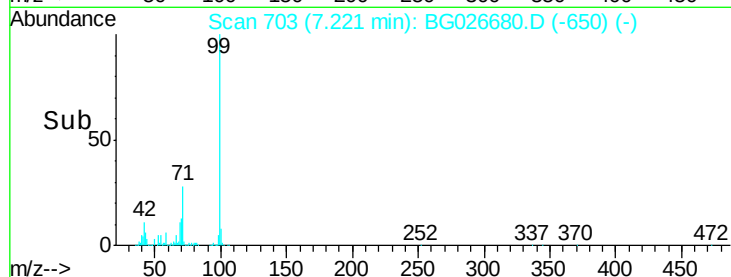
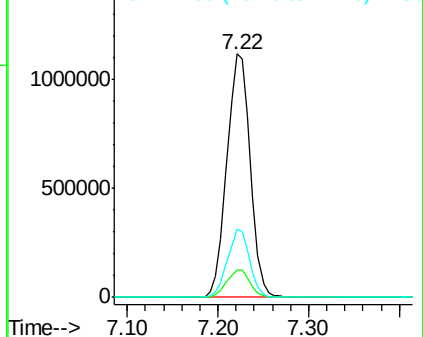
99 100

42 11.4 20.5 30.7#

71 28.1 37.6 56.4#



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



#8

2-Chlorophenol

Concen: 48.32 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

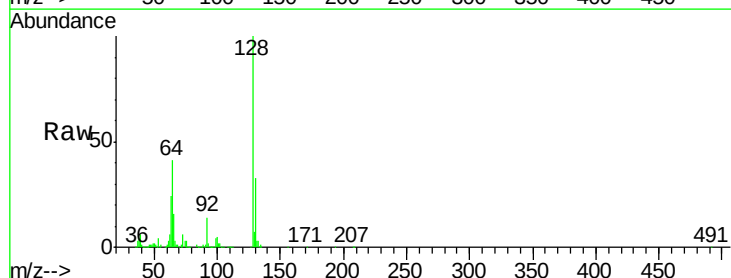
Tgt Ion:128 Resp: 570656

Ion Ratio Lower Upper

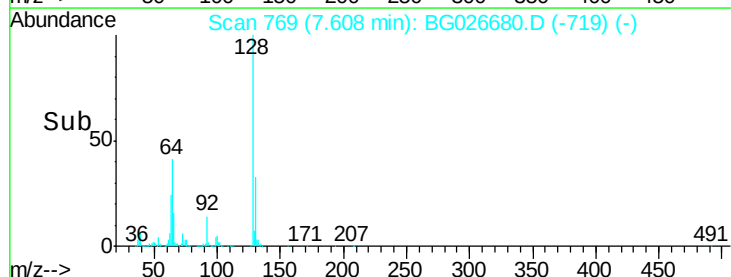
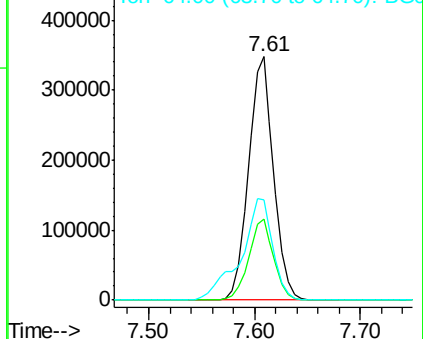
128 100

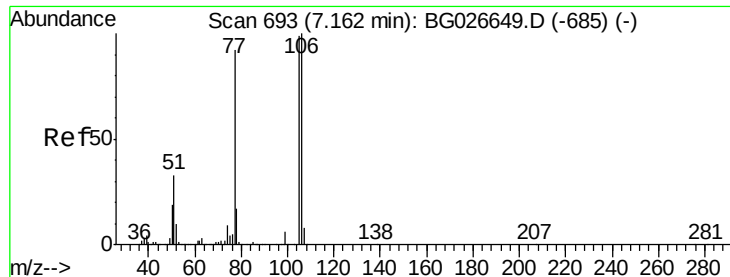
130 33.1 11.4 51.4

64 41.2 46.6 86.6#



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





#9

Benzaldehyde

Concen: 8.92 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

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ClientSampleId :

PB98380BS

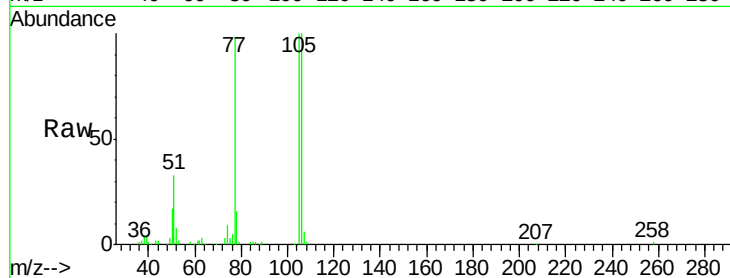
Tot Ion: 77 Resp: 78381

Ion Ratio Lower Upper

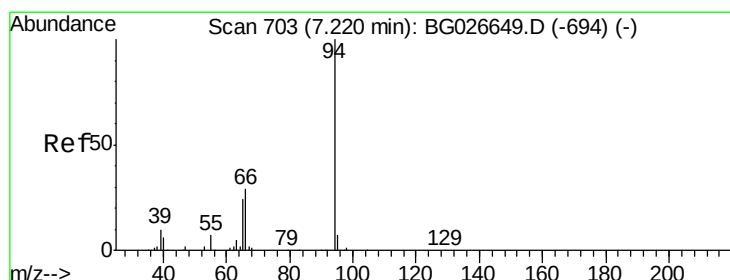
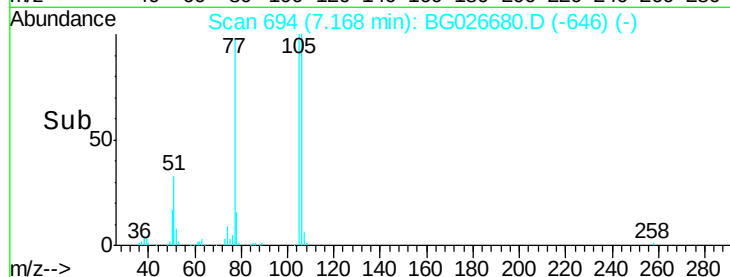
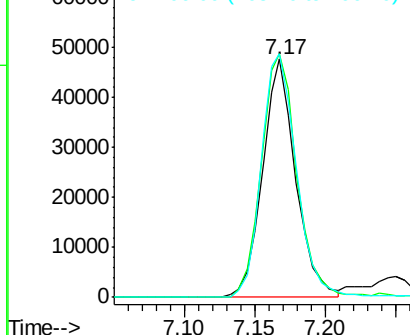
77 100

105 102.2 60.9 100.9#

106 102.1 55.1 95.1#



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



#10

Phenol

Concen: 48.75 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

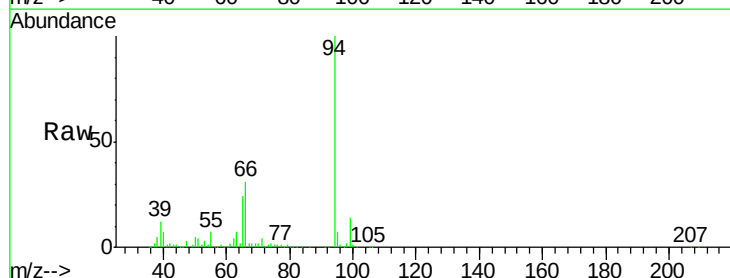
Tgt Ion: 94 Resp: 687849

Ion Ratio Lower Upper

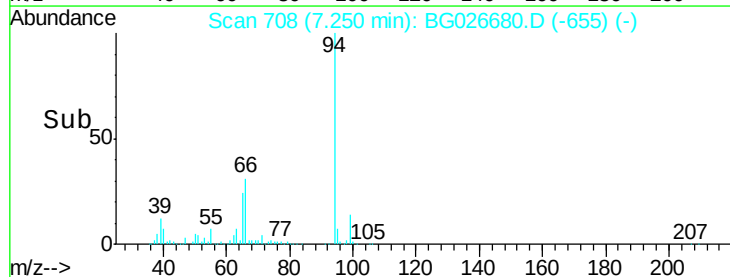
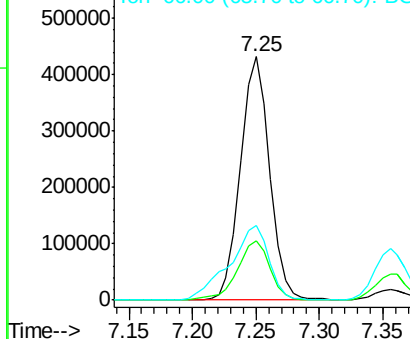
94 100

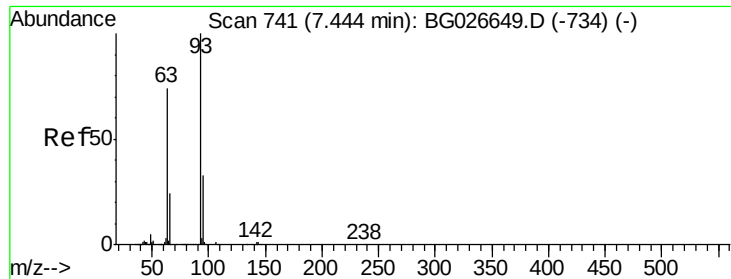
65 24.5 20.6 60.6

66 30.7 35.5 75.5#



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

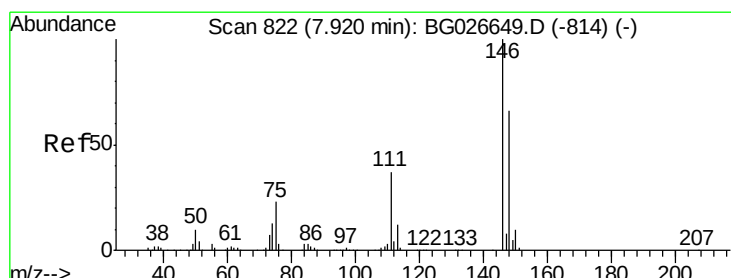
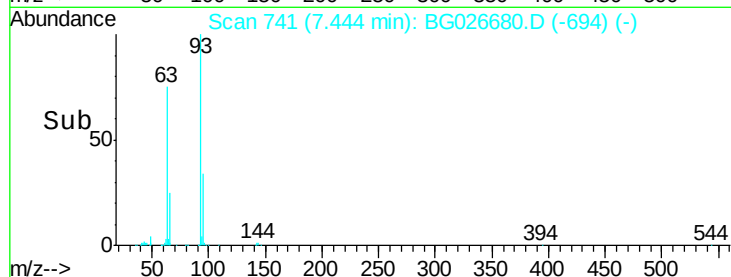
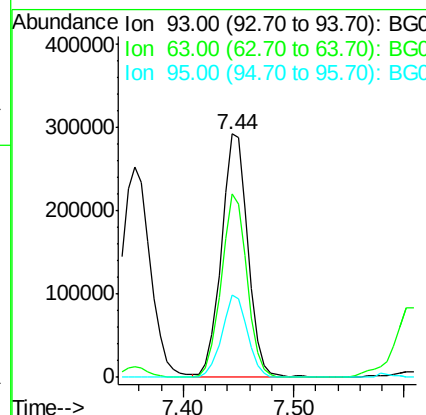
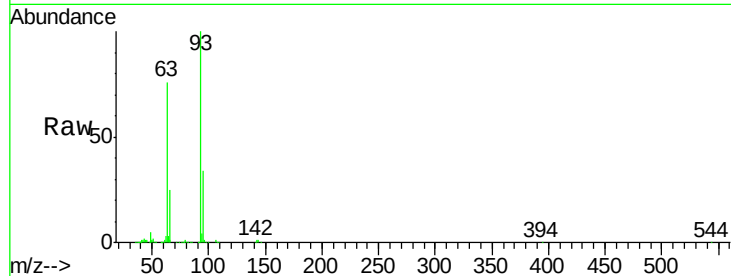




#11
bis(2-Chloroethyl)ether
Concen: 43.17 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.02 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

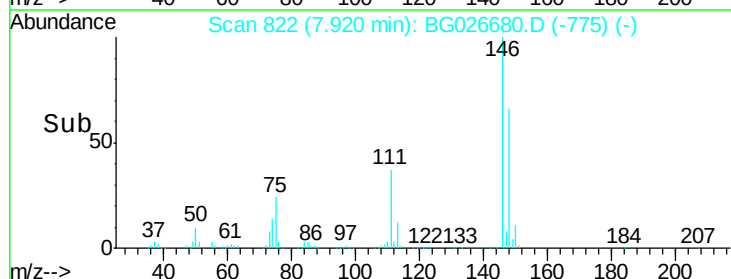
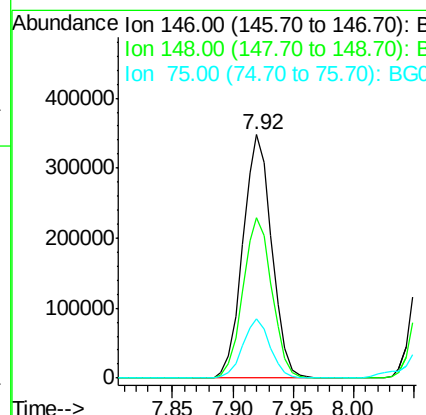
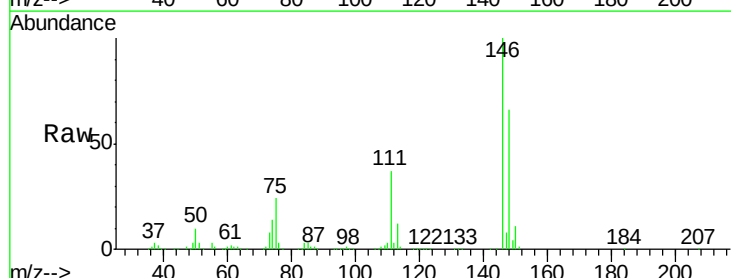
Instrument :
BNA_G
ClientSampleId :
PB98380BS

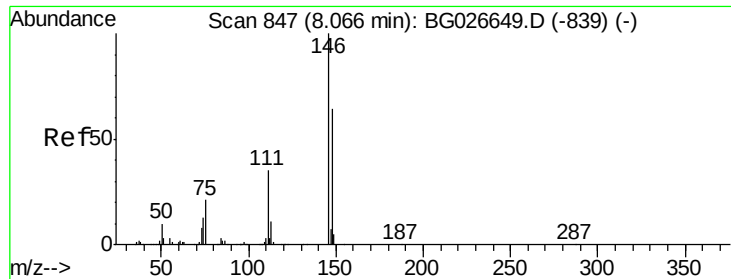
Tot Ion	93	Resp	484888
Ion Ratio	Lower	Upper	
93	100		
63	75.5	78.5	118.5#
95	33.6	9.8	49.8



#12
1,3-Dichlorobenzene
Concen: 41.58 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

Tgt Ion	146	Resp	578658
Ion Ratio	Lower	Upper	
146	100		
148	65.6	49.2	73.8
75	24.1	33.4	50.2#

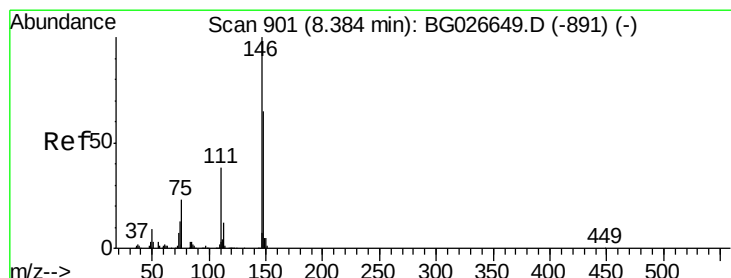
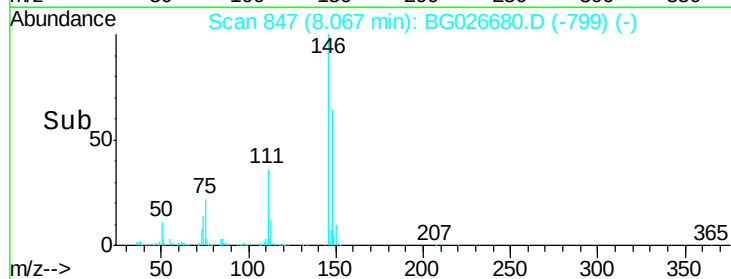
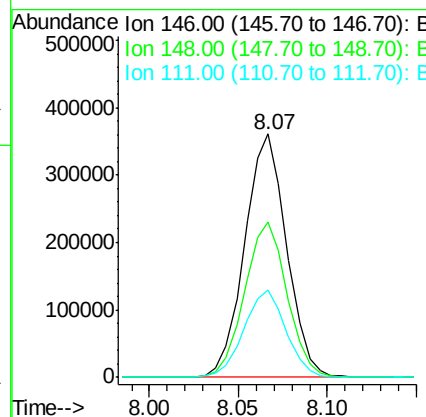
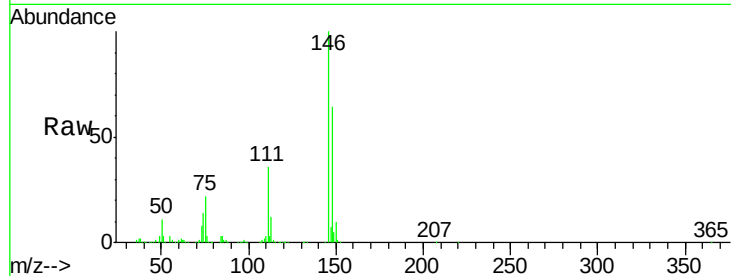




#13
 1,4-Dichlorobenzene
 Concen: 41.96 ng/ml
 RT: 8.07 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

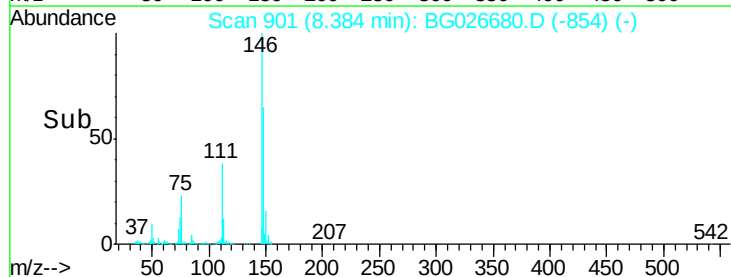
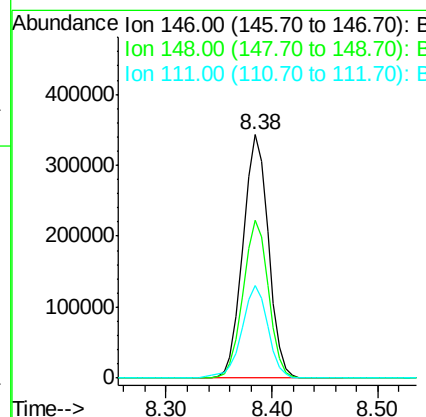
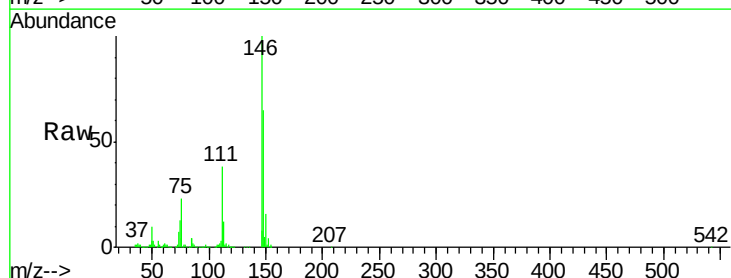
Instrument :
 BNA_G
 ClientSampleID :
 PB98380BS

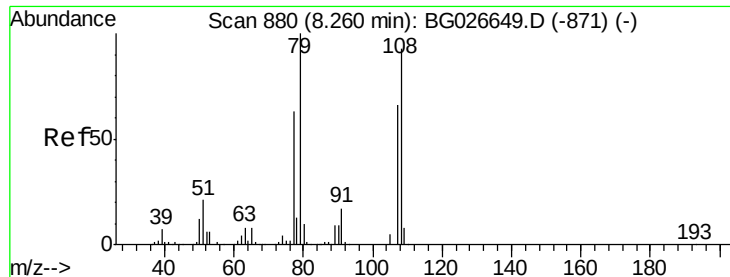
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	35.7	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 42.61 ng/ml
 RT: 8.38 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	54.6	81.8
111	38.1	39.7	59.5





#15

Benzyl Alcohol

Concen: 47.34 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

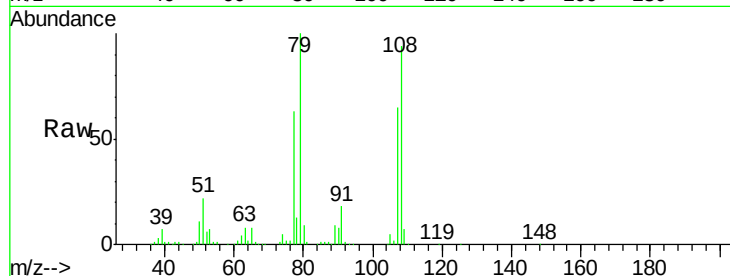
Tot Ion: 79 Resp: 383909

Ion Ratio Lower Upper

79 100

108 94.4 45.5 68.3#

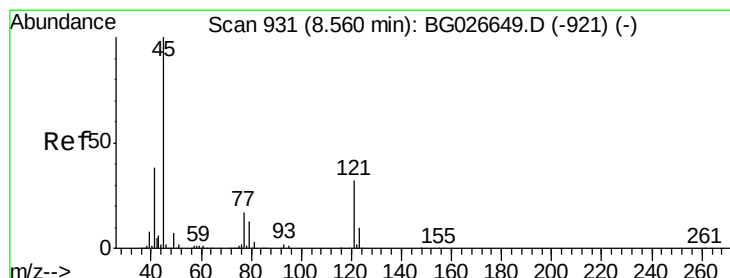
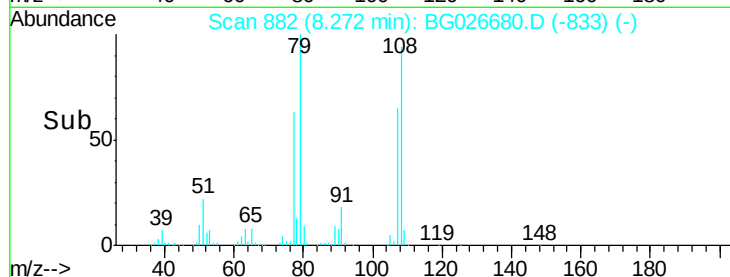
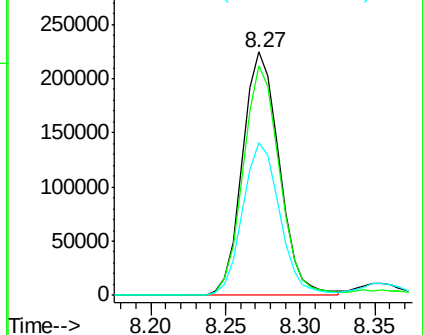
77 62.7 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.20 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

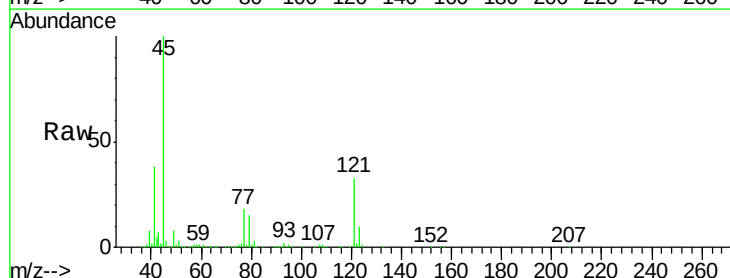
Tgt Ion: 45 Resp: 458616

Ion Ratio Lower Upper

45 100

77 17.7 0.0 30.6

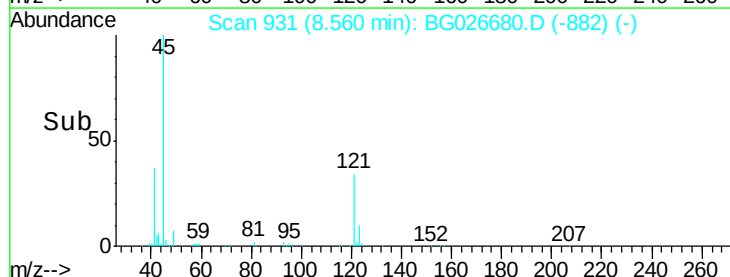
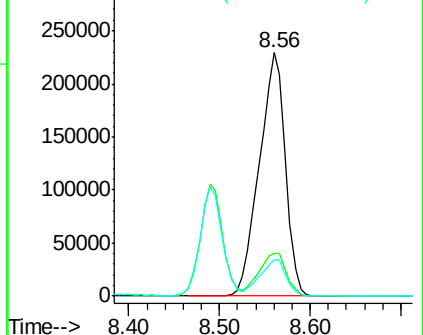
79 14.9 0.0 28.5

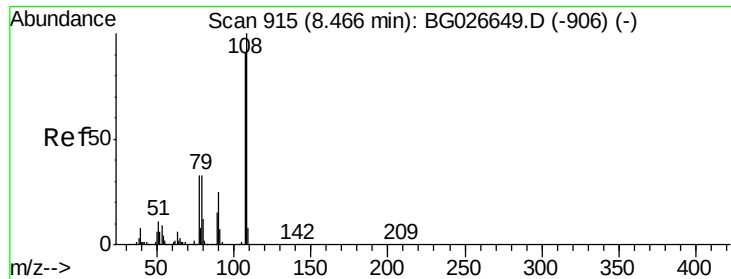


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 48.62 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

Tot Ion:107 Resp: 480678

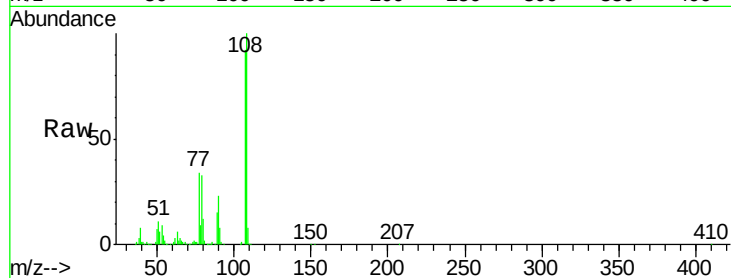
Ion Ratio Lower Upper

107 100

108 108.6 85.6 128.4

77 36.7 51.4 77.2#

79 35.8 49.2 73.8#



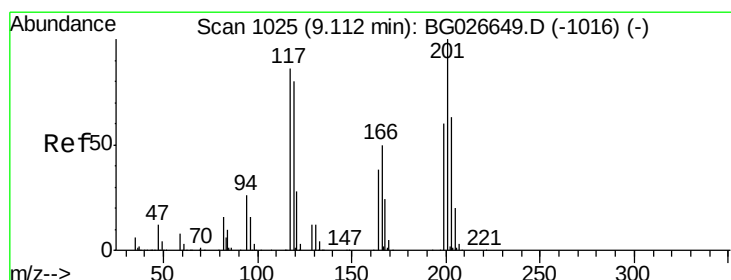
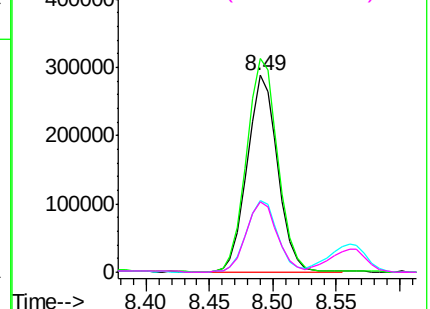
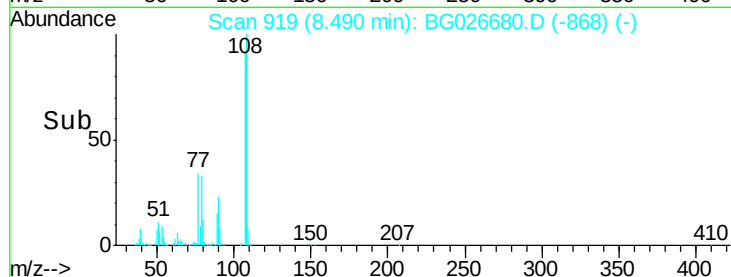
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.48 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

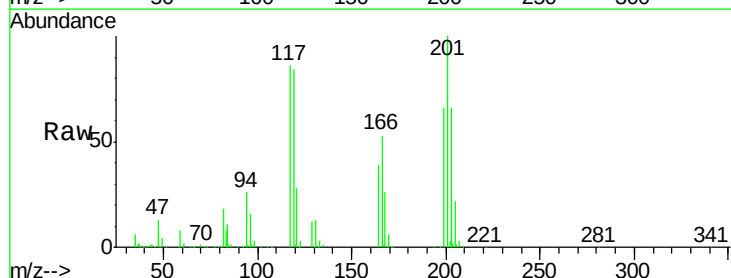
Tgt Ion:117 Resp: 185012

Ion Ratio Lower Upper

117 100

119 97.2 69.8 104.6

201 115.7 95.4 143.0

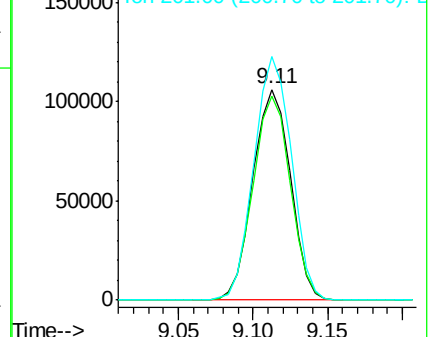
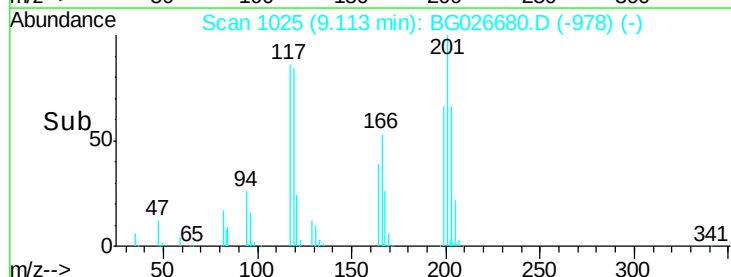


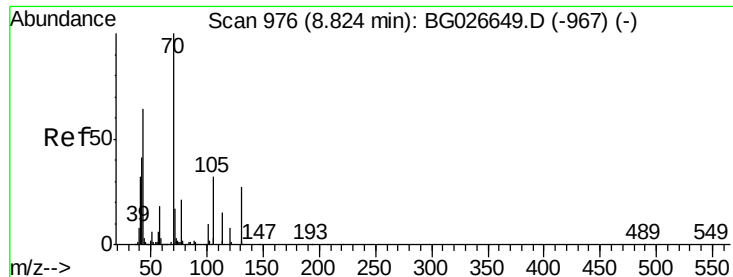
Abundance

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: 42.74 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

Tot Ion: 70 Resp: 343577

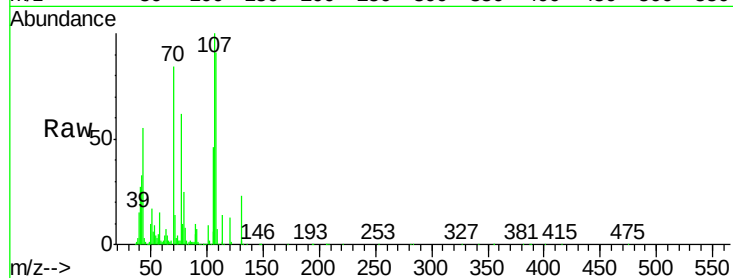
Ion Ratio Lower Upper

70 100

42 39.8 56.1 84.1#

101 11.3 7.5 11.3#

130 27.7 14.6 21.8#

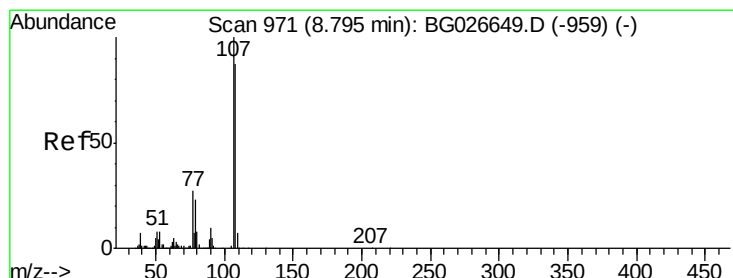
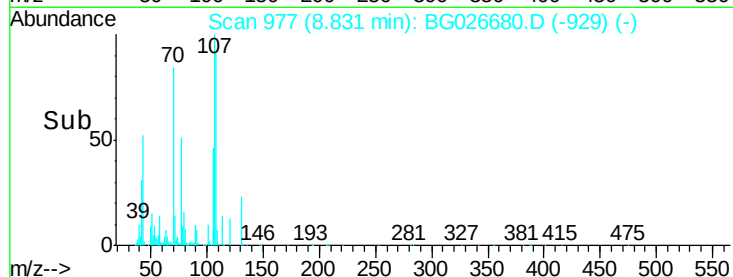
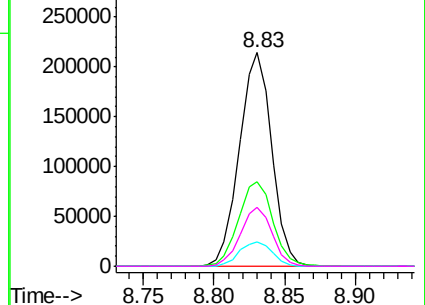


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 49.33 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Tgt Ion: 107 Resp: 670211

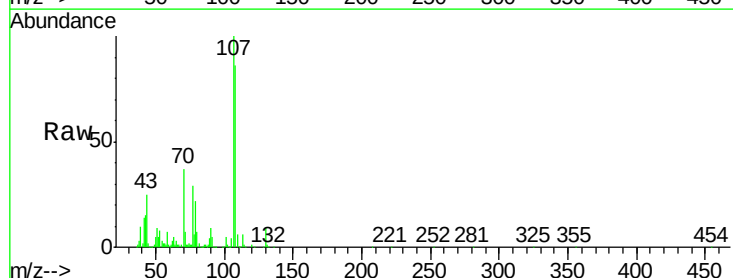
Ion Ratio Lower Upper

107 100

108 86.5 70.8 110.8

77 28.7 25.8 65.8

79 21.9 20.1 60.1

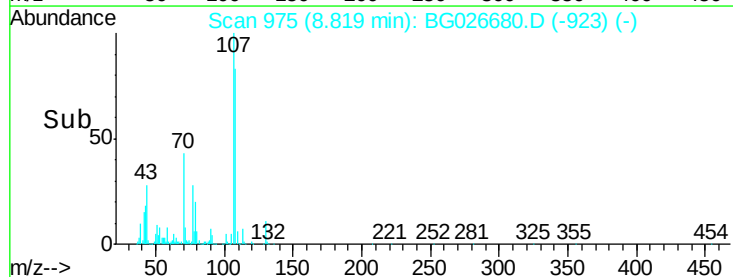
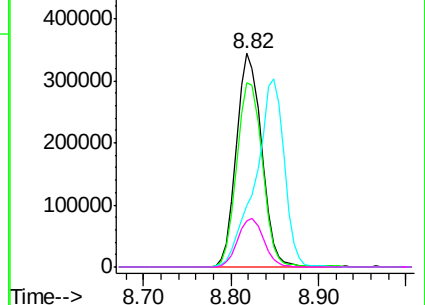


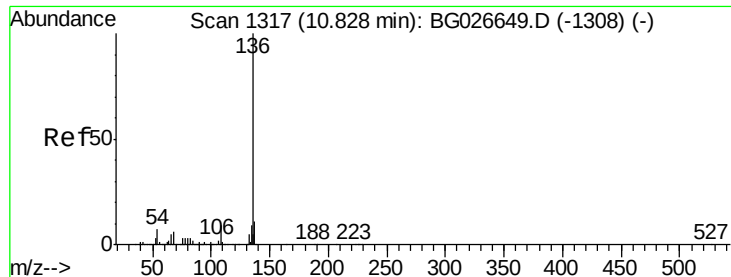
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

Tot Ion:136 Resp: 784686

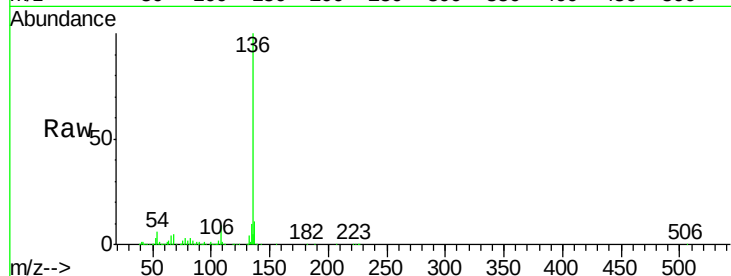
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.2 9.3 13.9#

68 5.3 5.1 7.7

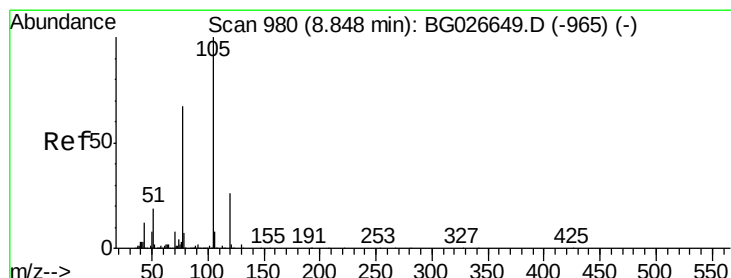
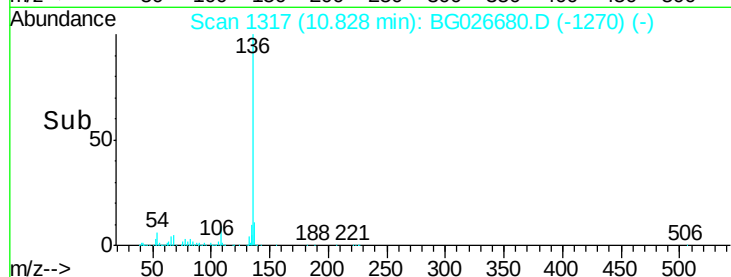
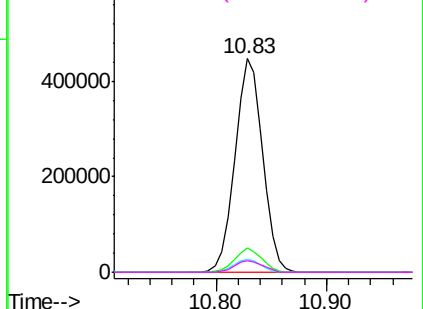


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.67 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Tgt Ion:105 Resp: 747183

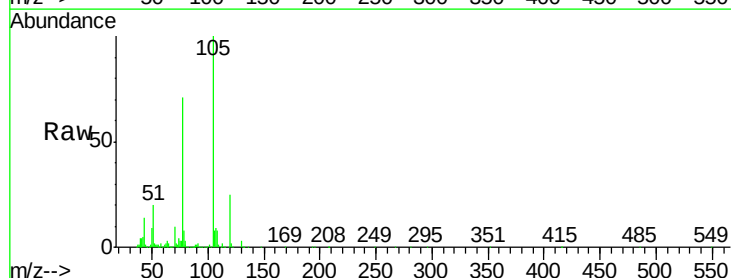
Ion Ratio Lower Upper

105 100

71 1.8 0.9 1.3#

51 20.1 34.0 51.0#

120 25.5 17.3 25.9

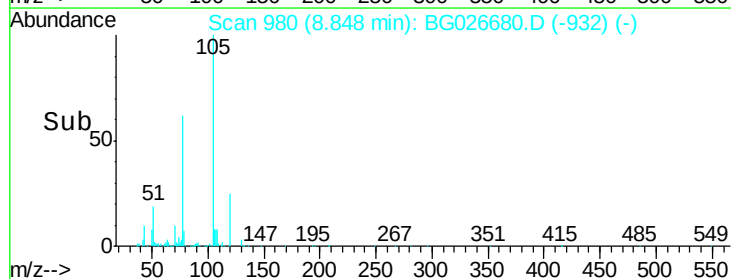
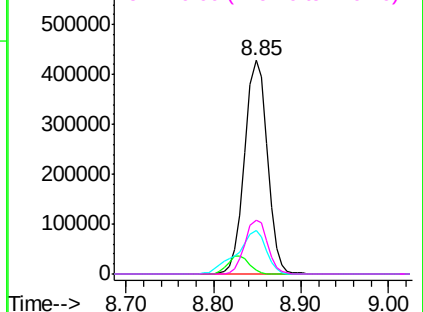


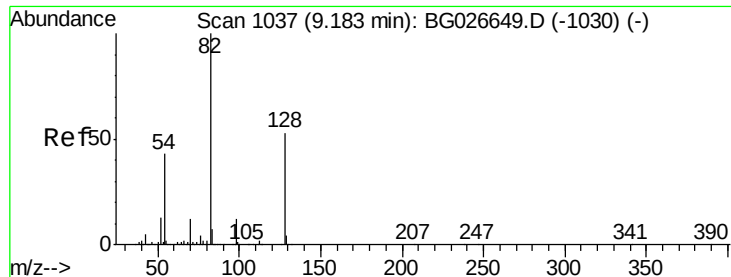
Abundance Ion 105.00 (104.70 to 105.70): E

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

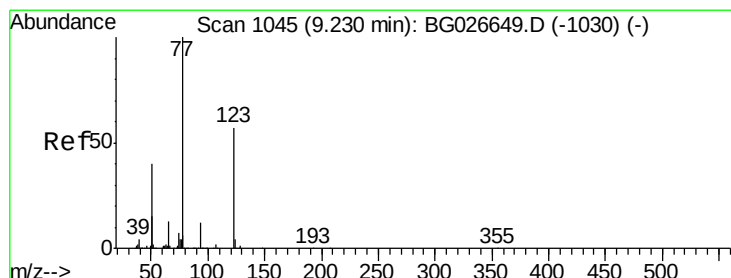
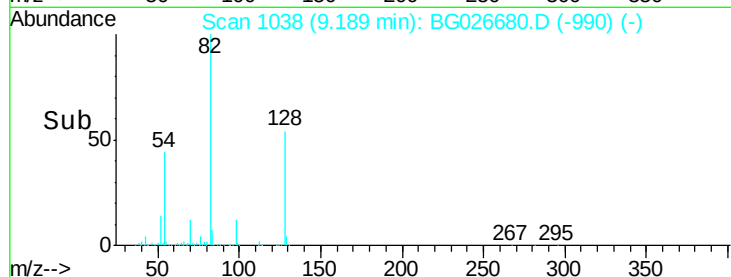
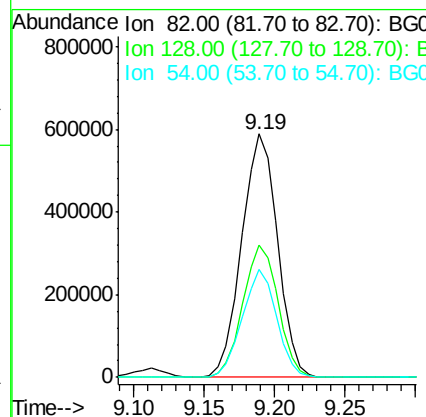
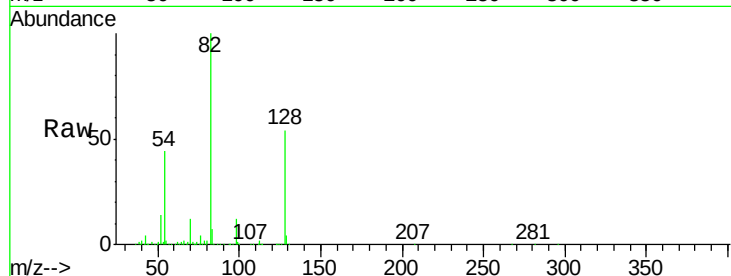




#23
 Nitrobenzene-d5
 Concen: 92.99 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

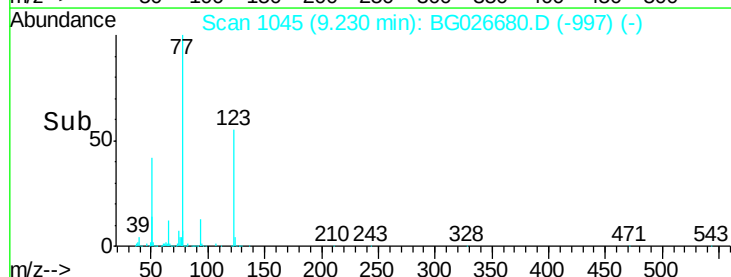
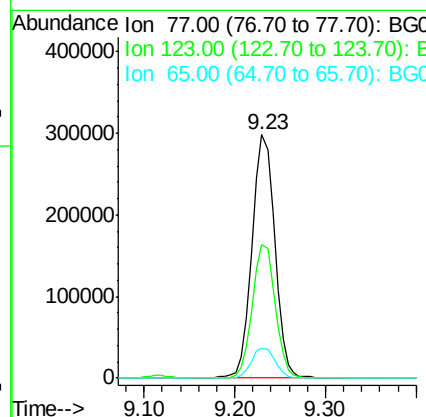
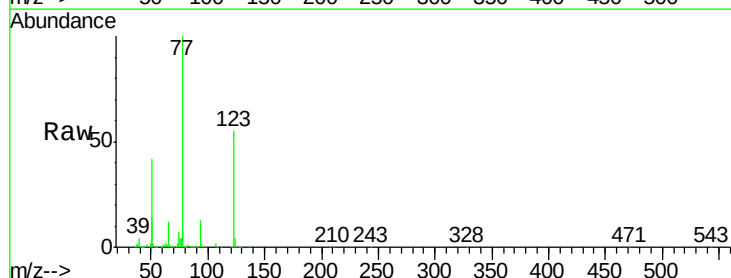
Instrument :
 BNA_G
 ClientSampleId :
 PB98380BS

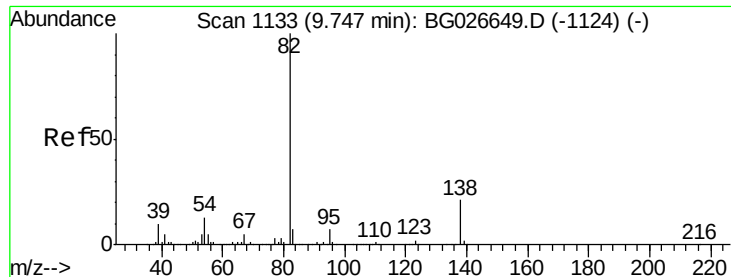
Tot Ion: 82 Resp: 1045780
 Ion Ratio Lower Upper
 82 100
 128 54.4 26.4 39.6#
 54 44.2 49.4 74.2#



#24
 Nitrobenzene
 Concen: 43.56 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

Tgt Ion: 77 Resp: 518702
 Ion Ratio Lower Upper
 77 100
 123 54.9 26.1 39.1#
 65 12.4 12.4 18.6





#25

Isophorone

Concen: 41.96 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

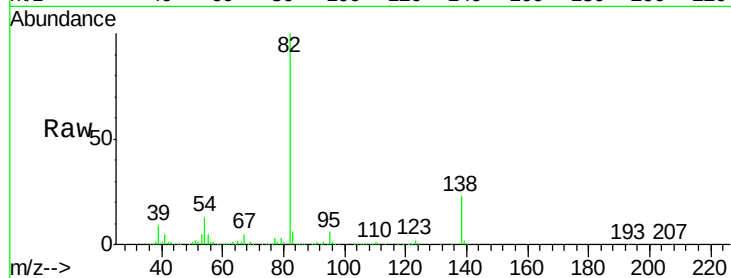
Tot Ion: 82 Resp: 967477

Ion Ratio Lower Upper

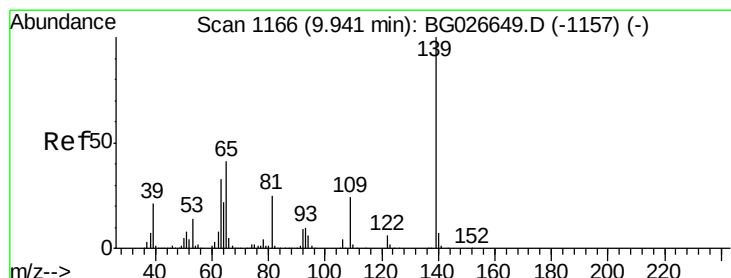
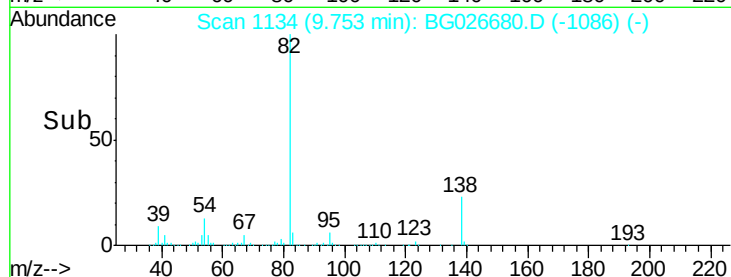
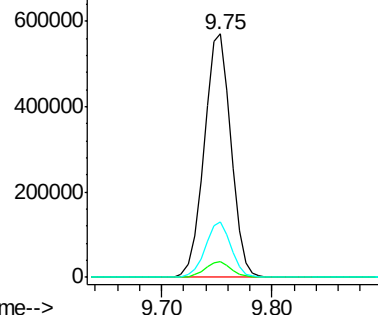
82 100

95 6.3 7.5 11.3#

138 22.7 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: 45.35 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

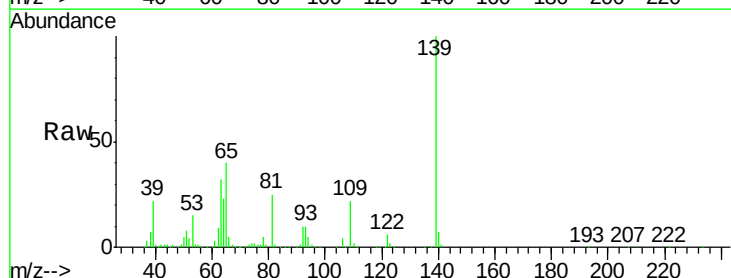
Tgt Ion: 139 Resp: 327204

Ion Ratio Lower Upper

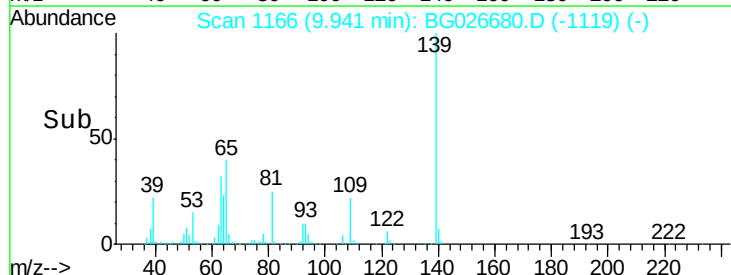
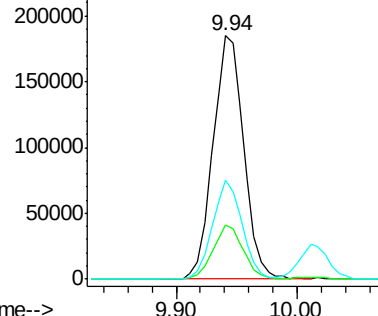
139 100

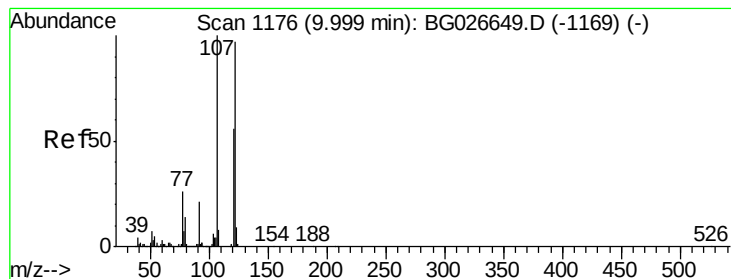
109 22.0 38.6 58.0#

65 40.4 57.1 85.7#



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





#27

2,4-Dimethylphenol

Concen: 46.91 ng

RT: 10.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

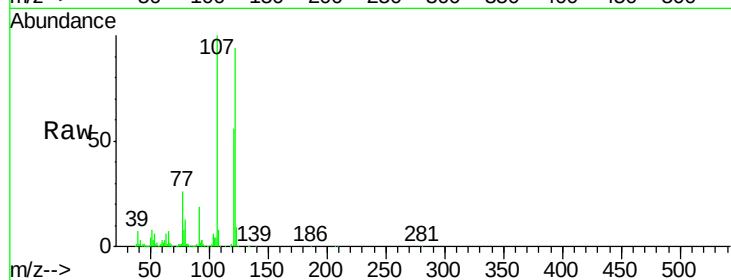
Tot Ion:122 Resp: 546277

Ion Ratio Lower Upper

122 100

107 106.7 104.2 156.4

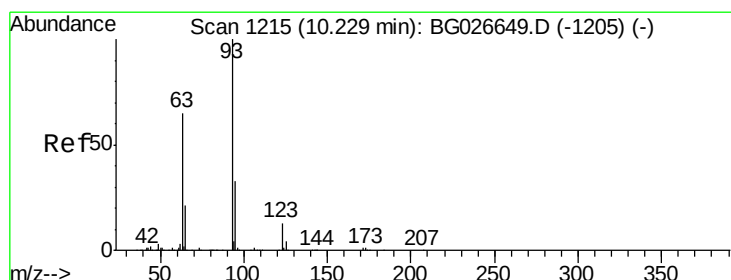
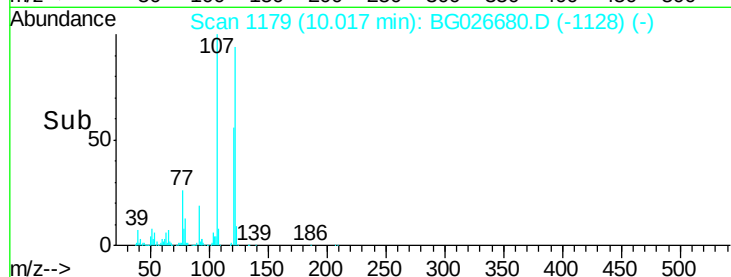
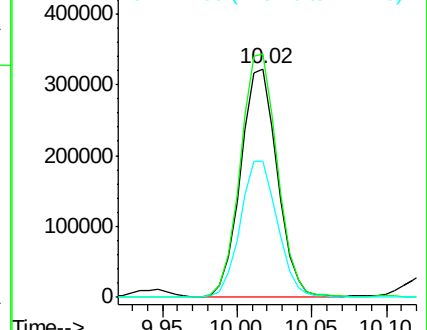
121 59.9 46.0 69.0



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: 43.56 ng

RT: 10.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

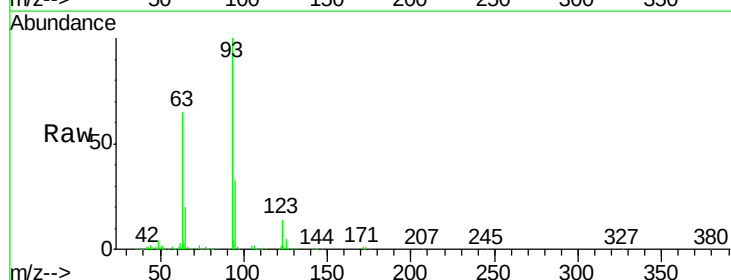
Tgt Ion: 93 Resp: 656440

Ion Ratio Lower Upper

93 100

95 33.0 25.7 38.5

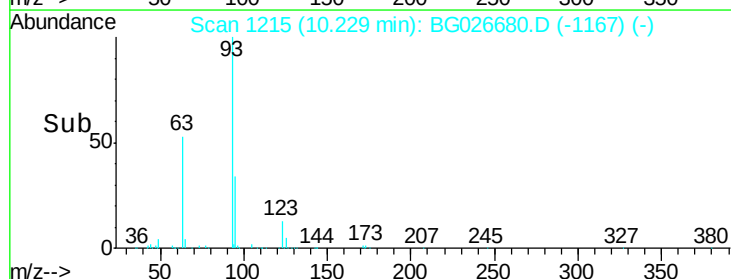
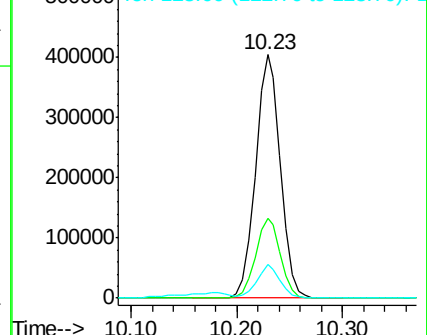
123 13.7 8.3 12.5#

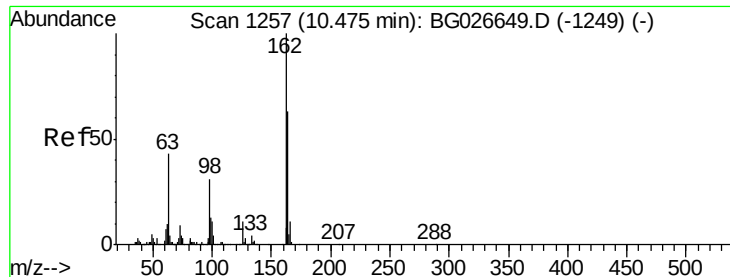


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

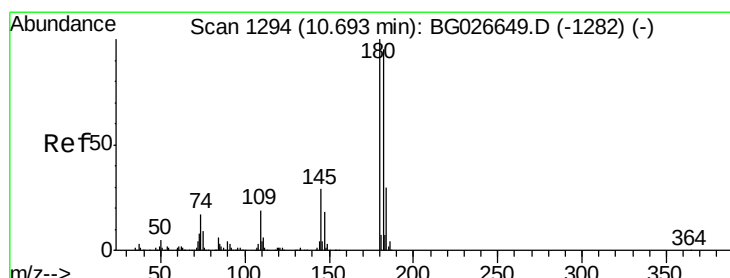
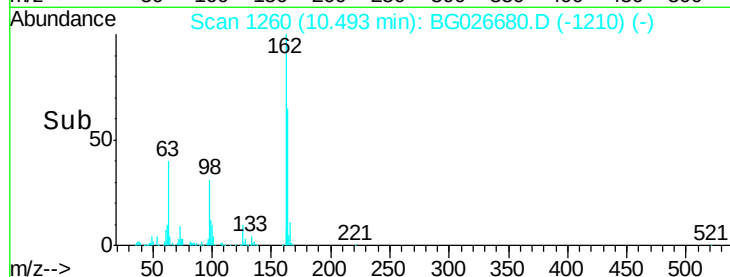
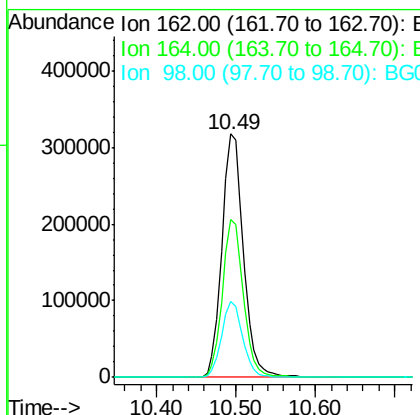
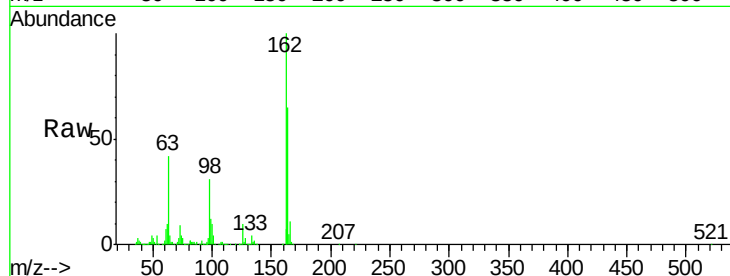




#29
 2,4-Dichlorophenol
 Concen: 48.98 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

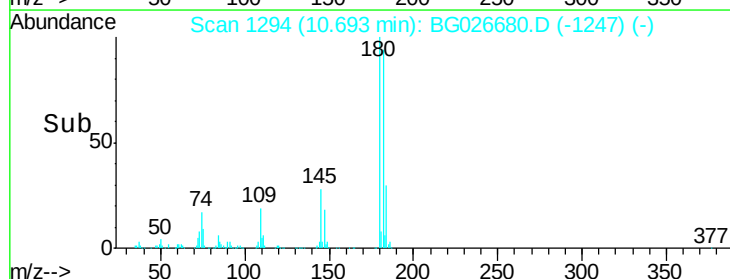
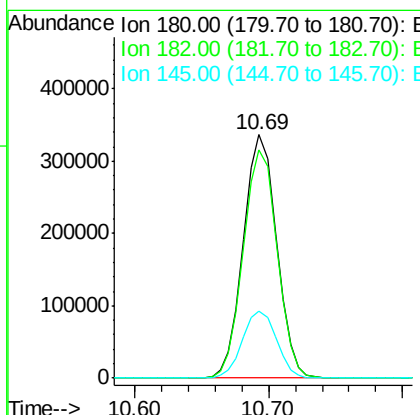
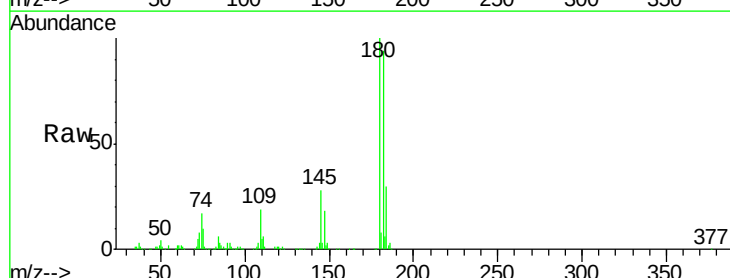
Instrument :
 BNA_G
 ClientSampleId :
 PB98380BS

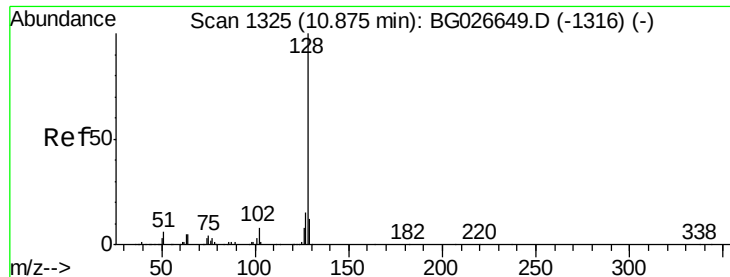
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.4	82.4
98	31.1	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 42.79 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.0	115.4
145	27.8	23.4	35.0

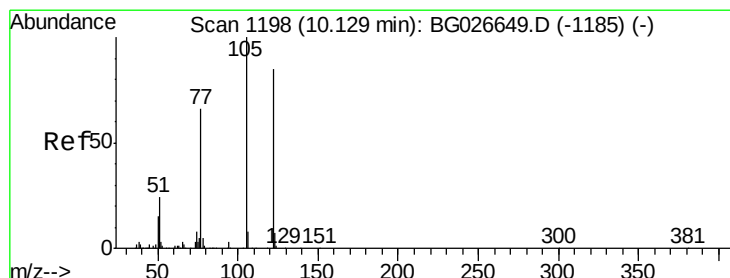
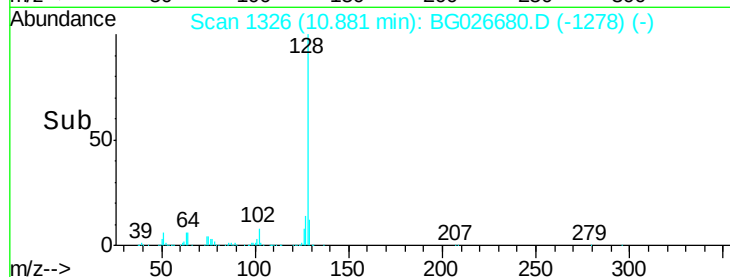
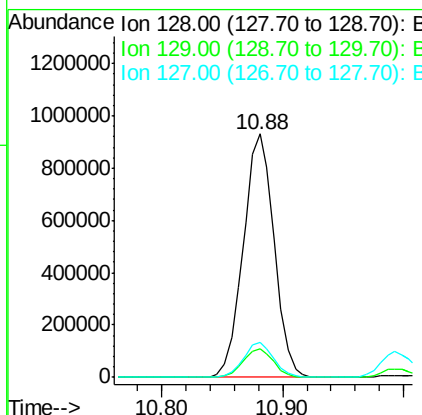
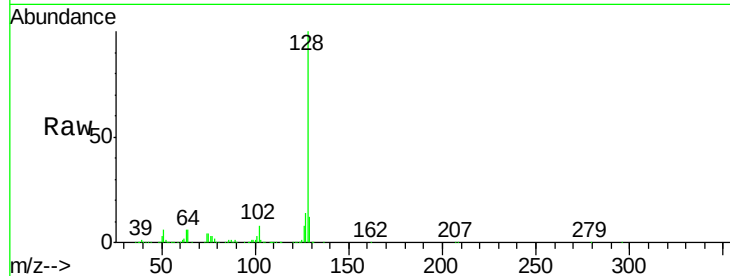




#31
Naphthalene
Concen: 42.89 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

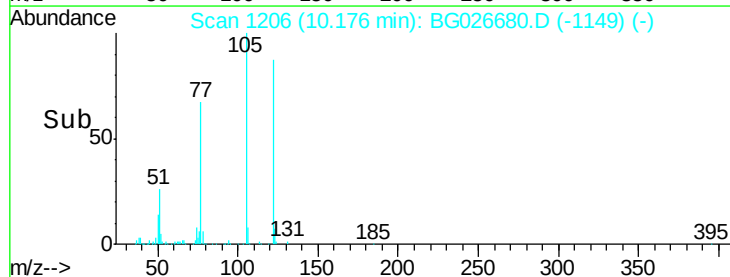
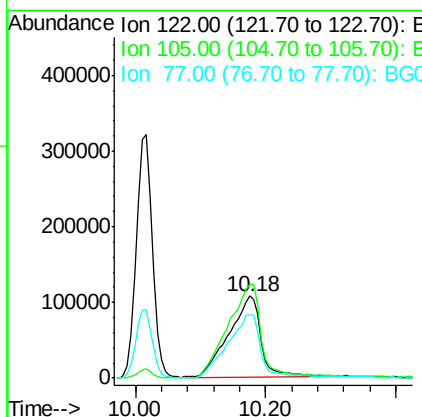
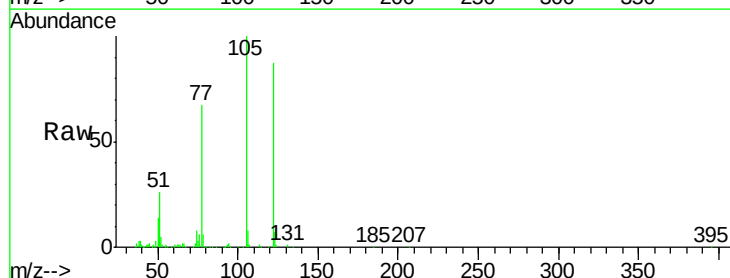
Instrument :
BNA_G
ClientSampleId :
PB98380BS

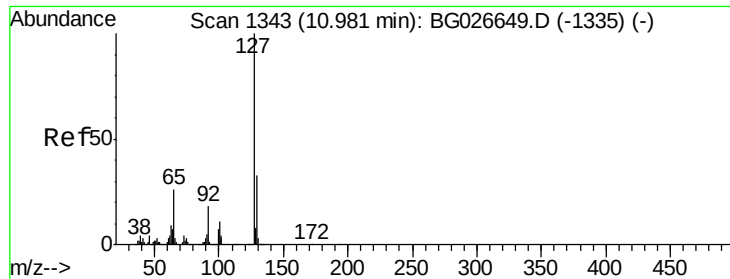
Tot Ion:128 Resp: 1651911
Ion Ratio Lower Upper
128 100
129 12.0 9.3 13.9
127 14.2 11.4 17.0



#32
Benzoic acid
Concen: 45.58 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

Tgt Ion:122 Resp: 367674
Ion Ratio Lower Upper
122 100
105 115.3 120.1 160.1#
77 77.6 104.6 144.6#

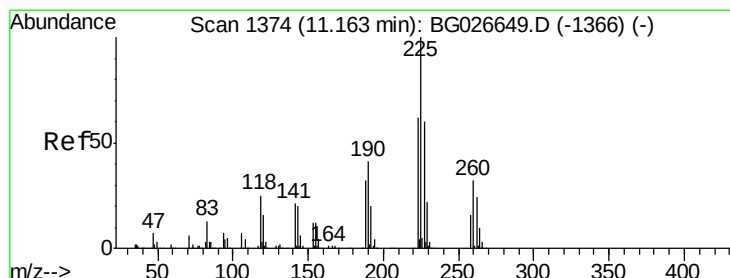
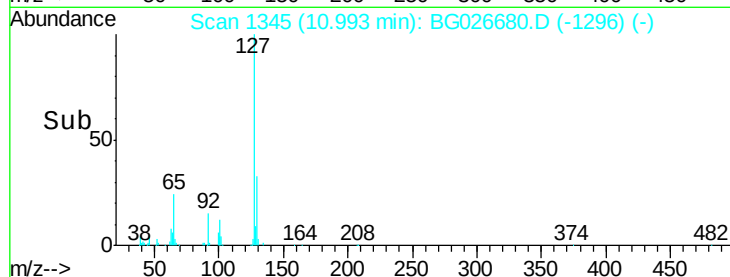
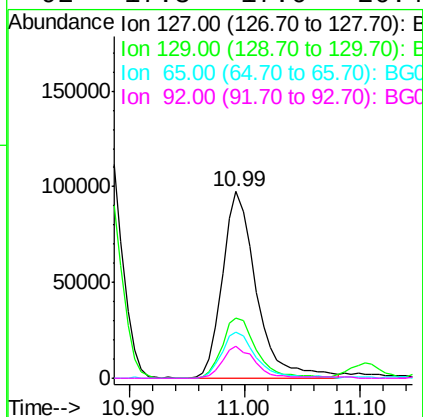
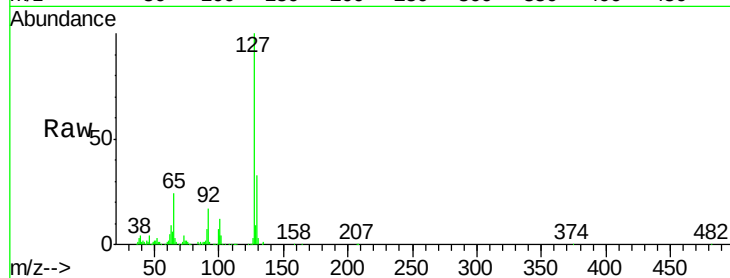




#33
4-Chloroaniline
Concen: 12.11 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

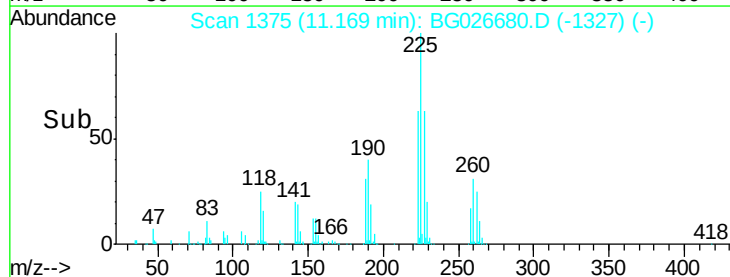
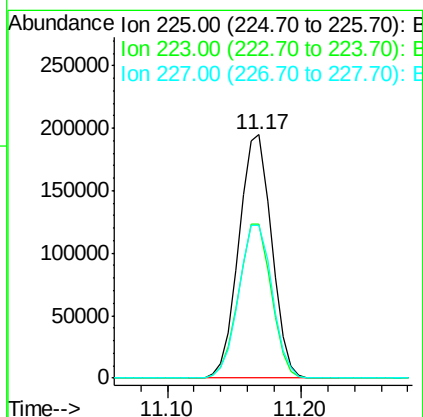
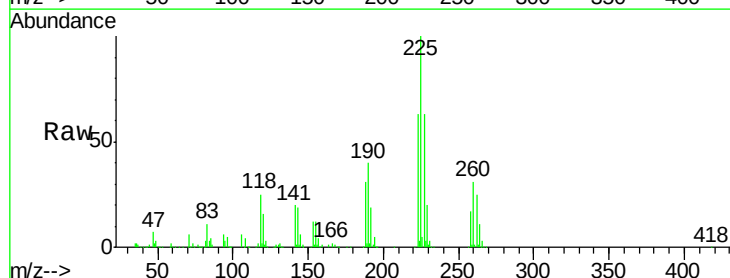
Instrument :
BNA_G
ClientSampleId :
PB98380BS

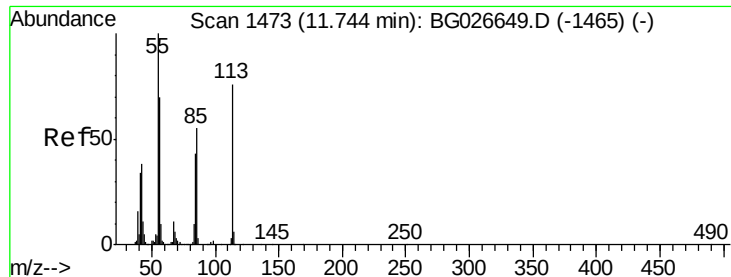
Tot Ion:127	Resp:	200059
Ion Ratio	Lower	Upper
127	100	
129	32.6	23.6 35.4
65	24.5	37.7 56.5#
92	17.3	17.6 26.4#



#34
Hexachlorobutadiene
Concen: 42.46 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

Tgt Ion:225	Resp:	329569
Ion Ratio	Lower	Upper
225	100	
223	63.2	50.7 76.1
227	62.8	49.0 73.6





#35

Caprolactam

Concen: 42.41 ng/mL

RT: 11.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleID :

PB98380BS

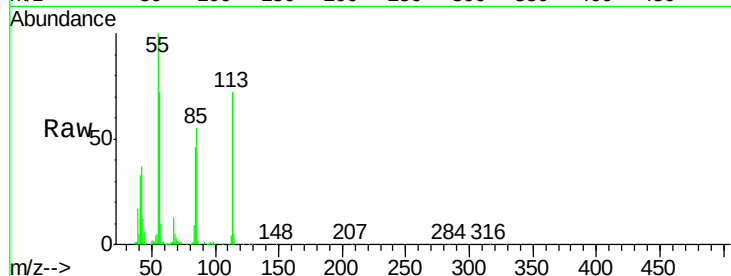
Tot Ion:113 Resp: 200585

Ion Ratio Lower Upper

113 100

55 139.5 198.6 238.6#

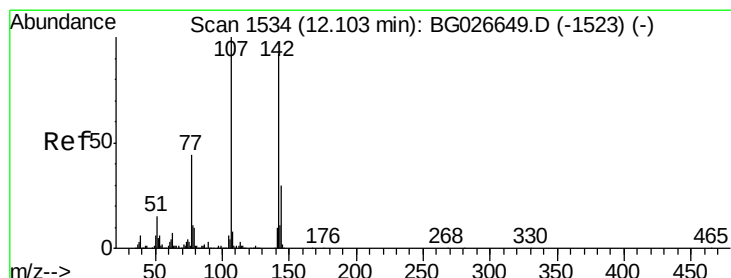
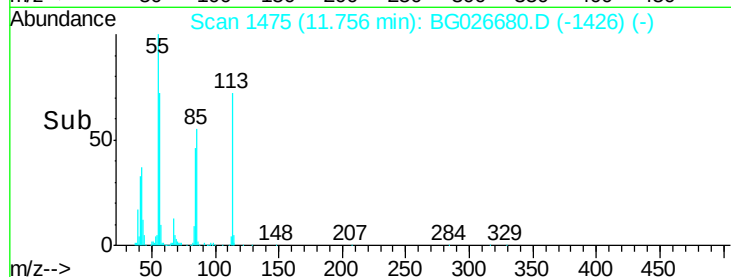
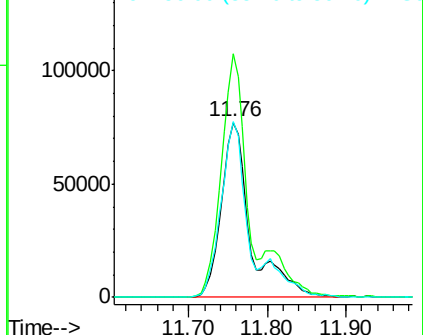
56 101.0 140.4 180.4#



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: 47.36 ng/mL

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

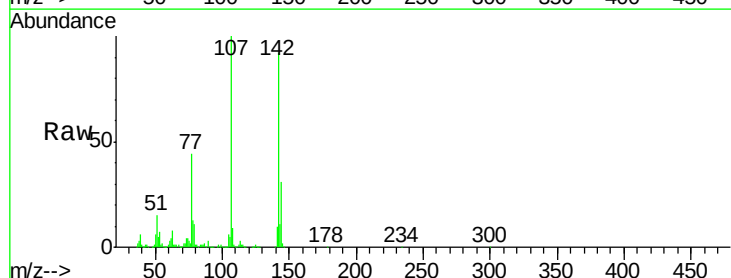
Tgt Ion:107 Resp: 580997

Ion Ratio Lower Upper

107 100

144 30.9 17.4 26.0#

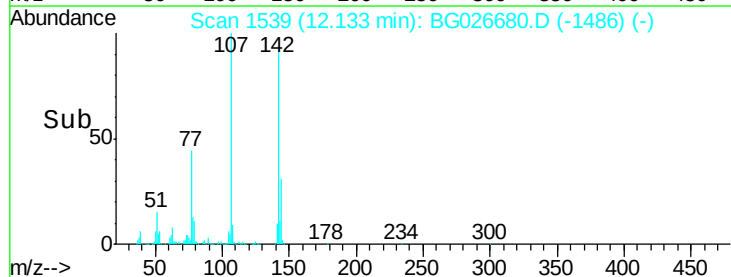
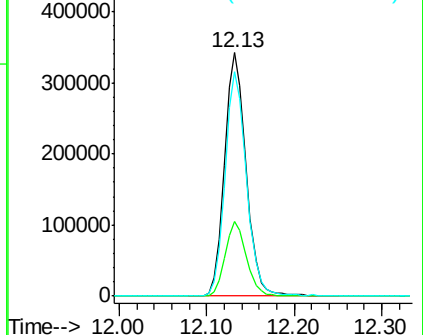
142 91.9 54.1 81.1#

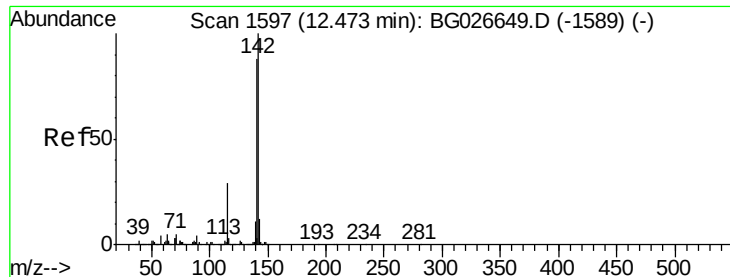


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.26 ng

RT: 12.48 min Scan# 1598

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

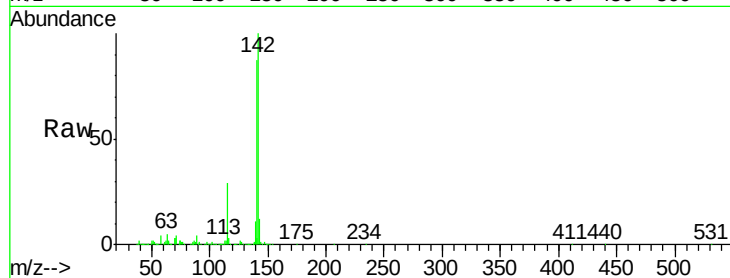
Tot Ion:142 Resp: 1282107

Ion Ratio Lower Upper

142 100

141 86.9 70.4 105.6

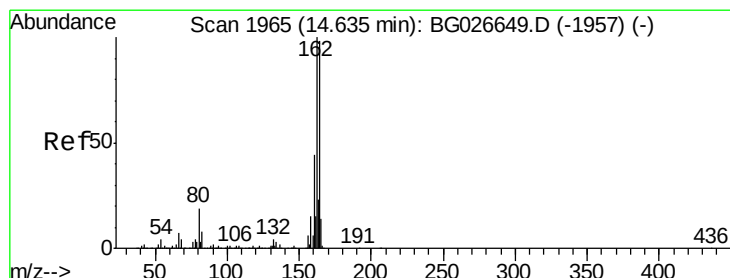
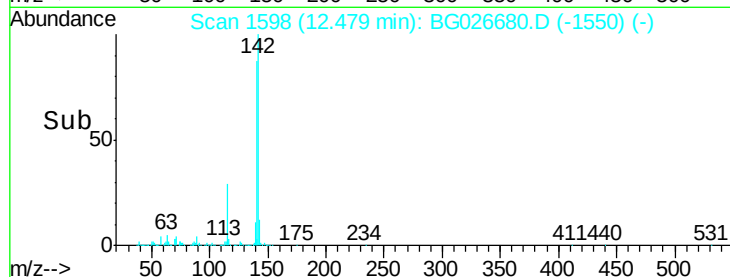
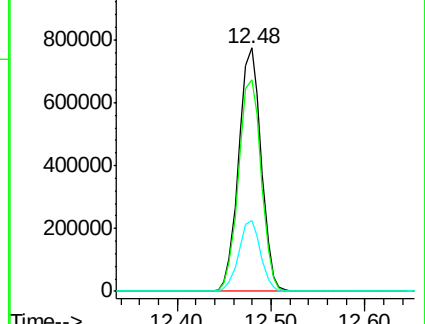
115 29.3 35.5 53.3#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 1965

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

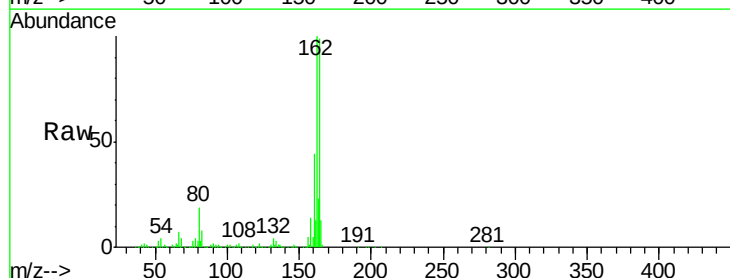
Tgt Ion:164 Resp: 478857

Ion Ratio Lower Upper

164 100

162 100.6 85.1 127.7

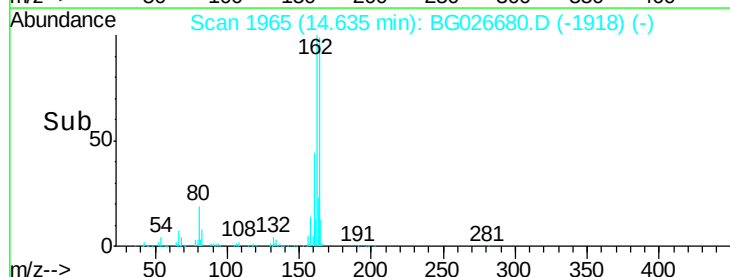
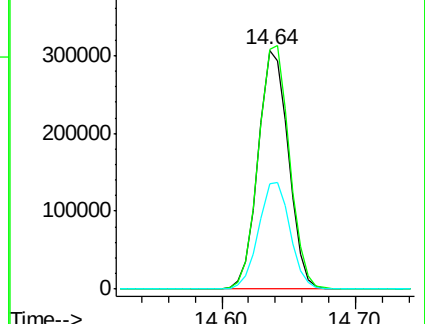
160 43.9 34.7 52.1

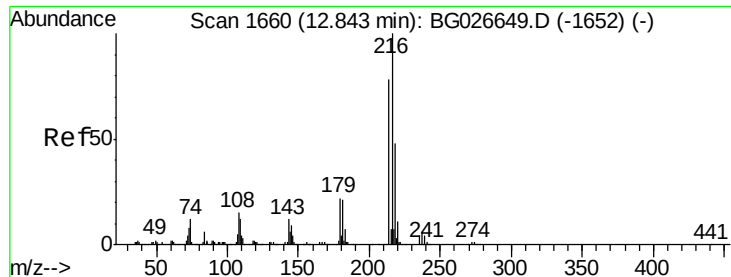


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.28 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

Tot Ion:216 Resp: 623612

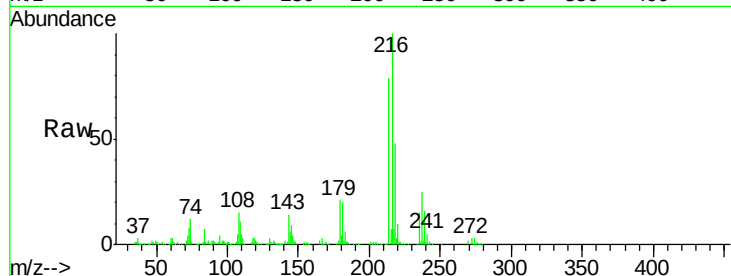
Ion Ratio Lower Upper

216 100

214 78.4 64.4 96.6

179 20.5 17.4 26.0

108 17.0 15.6 23.4

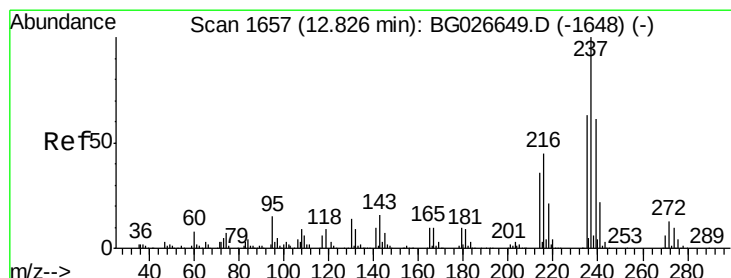
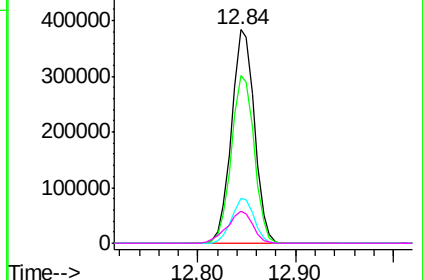
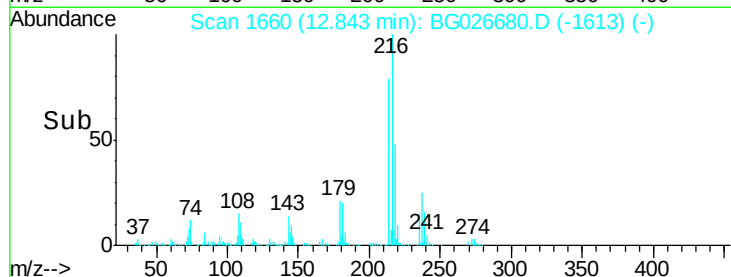


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.06 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

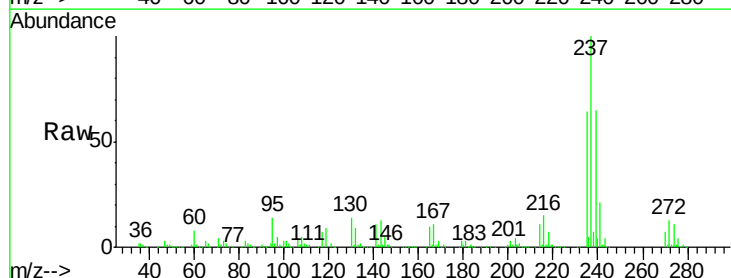
Tgt Ion:237 Resp: 686145

Ion Ratio Lower Upper

237 100

235 63.6 39.4 79.4

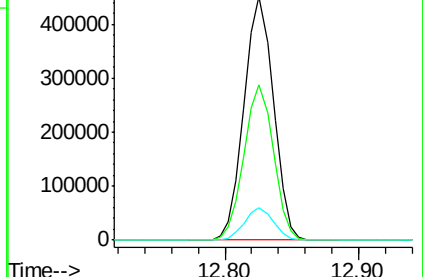
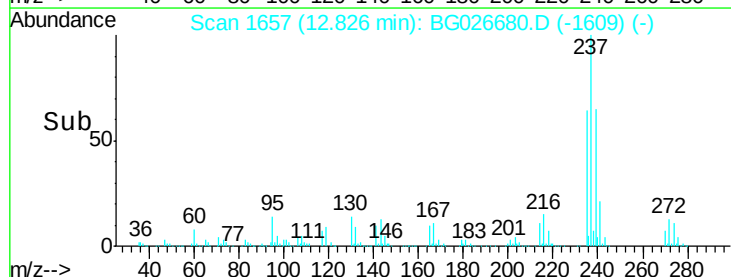
272 13.1 0.0 32.0

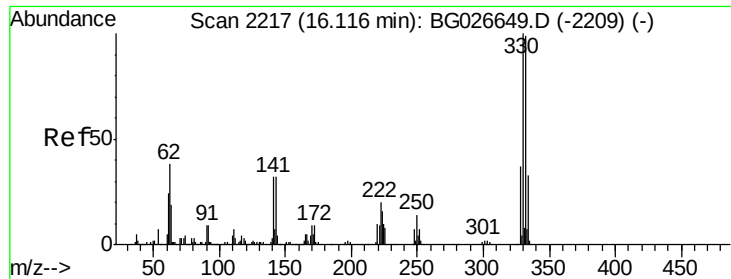


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

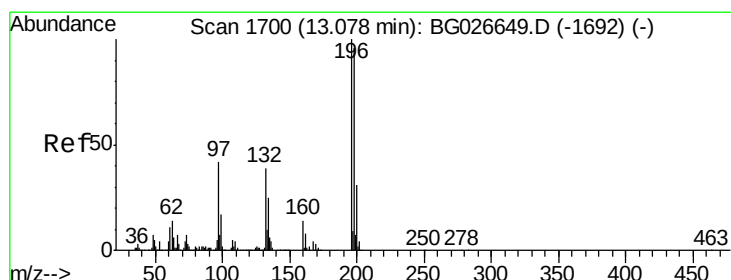
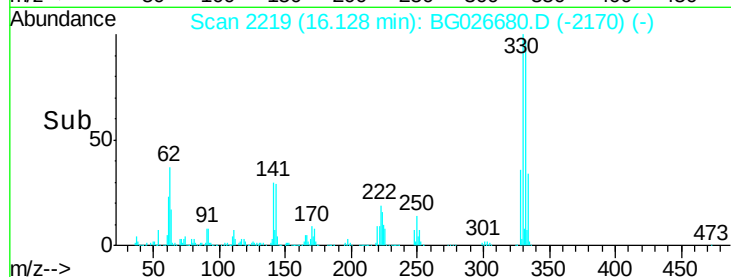
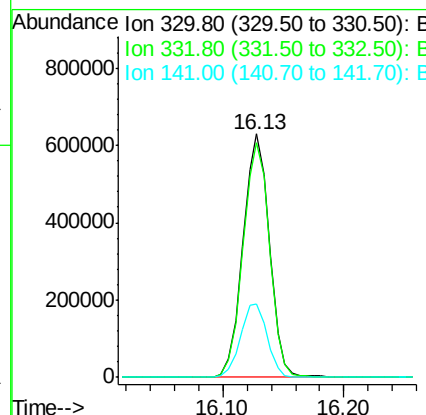
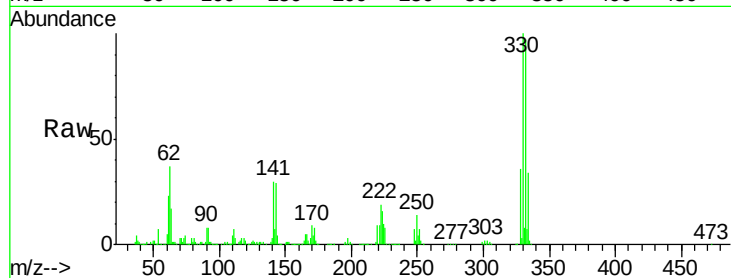




#41
 2,4,6-Tribromophenol
 Concen: 143.96 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

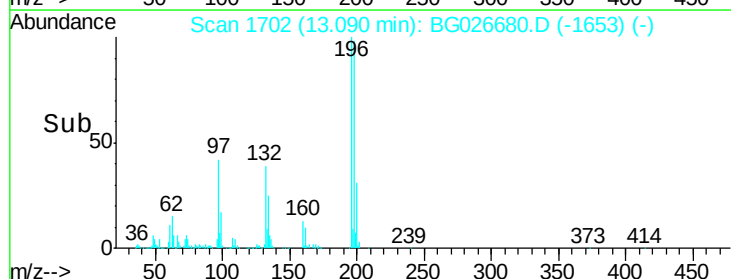
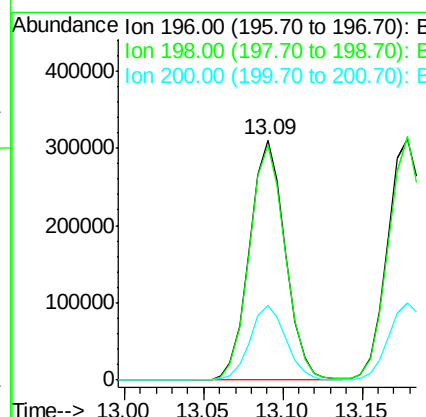
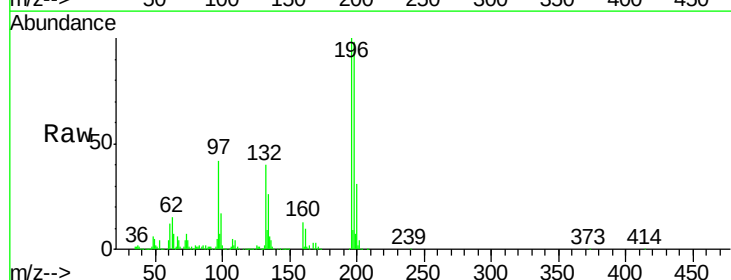
Instrument :
 BNA_G
 ClientSampleId :
 PB98380BS

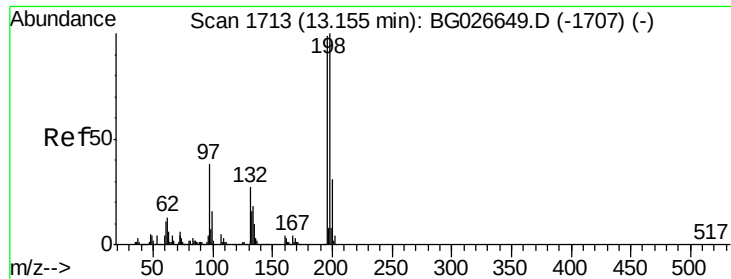
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	30.8	32.1	48.1#



#42
 2,4,6-Trichlorophenol
 Concen: 46.28 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	81.4	122.2
200	31.2	27.0	40.6

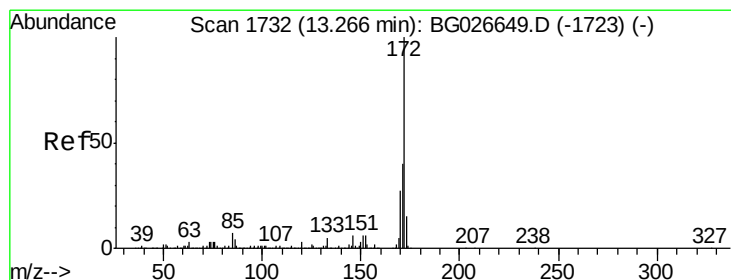
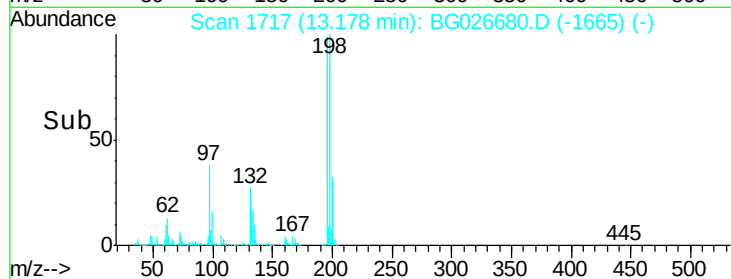
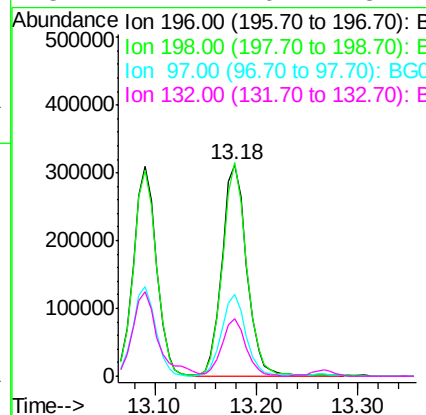
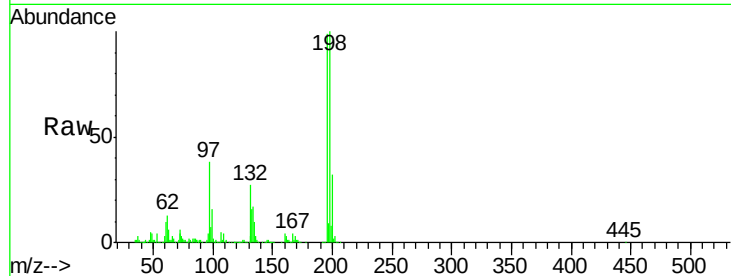




#43
2,4,5-Trichlorophenol
Concen: 47.37 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.01 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

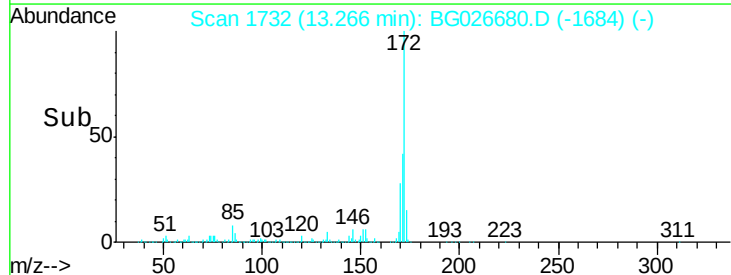
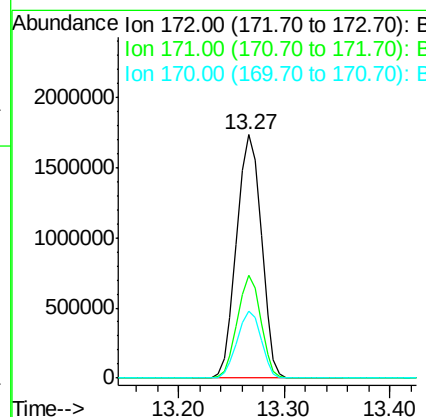
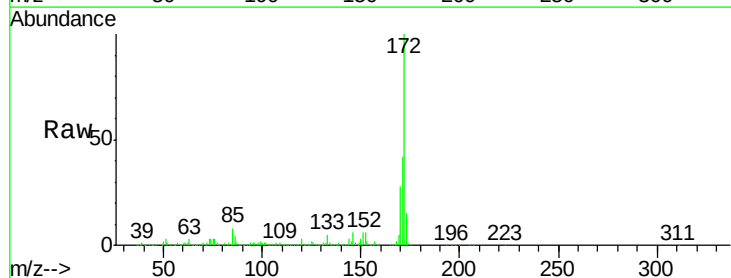
Instrument :
BNA_G
ClientSampleId :
PB98380BS

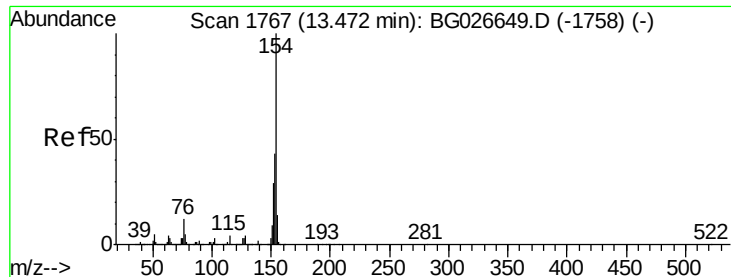
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.9	79.9	119.9
97	38.7	45.4	68.0
132	27.4	20.7	31.1



#44
2-Fluorobiphenyl
Concen: 87.32 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.0	32.2	48.2
170	27.7	21.8	32.6





#45

1,1'-Biphenyl

Concen: 42.40 ng

RT: 13.48 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

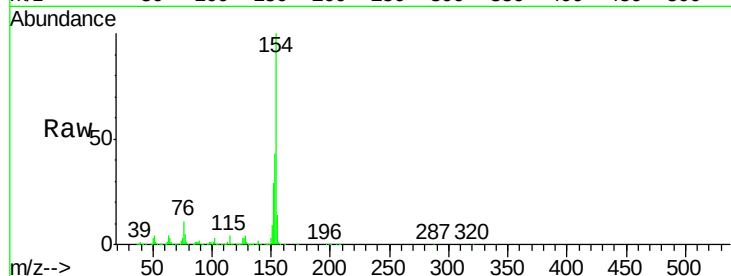
BNA_G

ClientSampleId :

PB98380BS

Tot Ion:154 Resp: 1649899

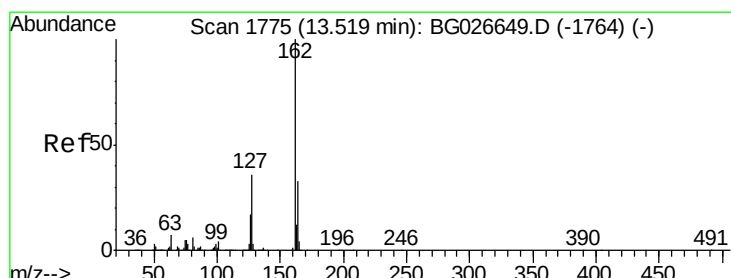
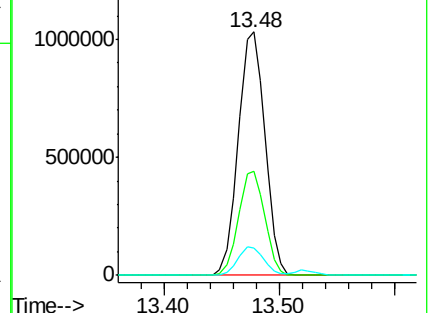
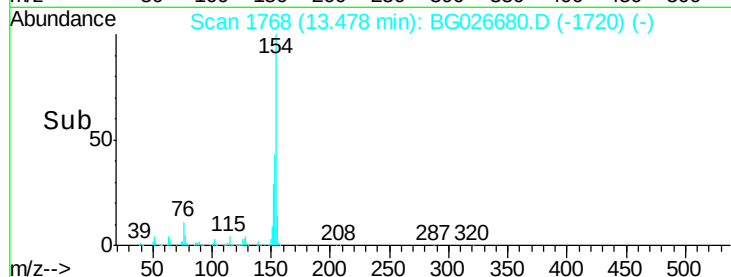
Ion	Ratio	Lower	Upper
154	100		
153	42.5	23.0	63.0
76	11.5	0.0	33.5



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: 42.96 ng

RT: 13.52 min Scan# 1775

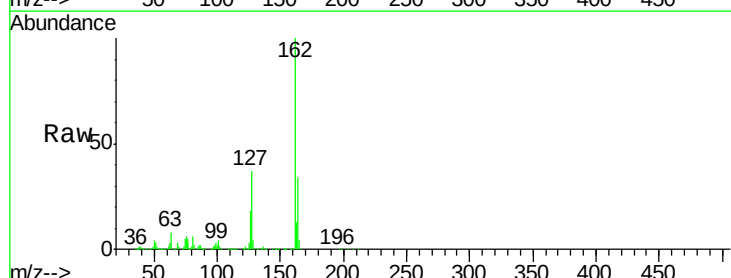
Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Tgt Ion:162 Resp: 1266862

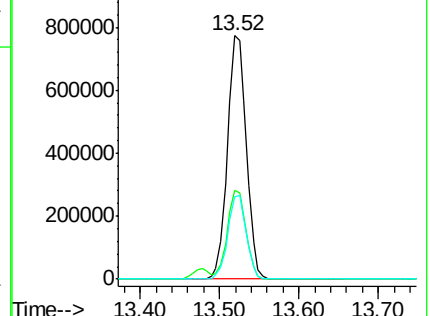
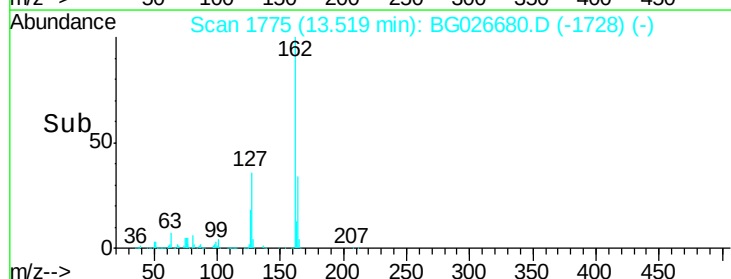
Ion	Ratio	Lower	Upper
162	100		
127	36.5	32.2	48.4
164	33.9	27.3	40.9

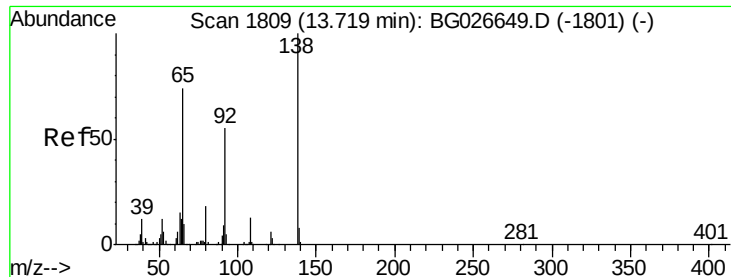


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.28 ng

RT: 13.73 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

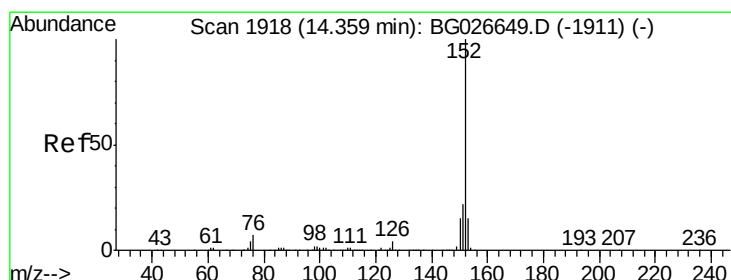
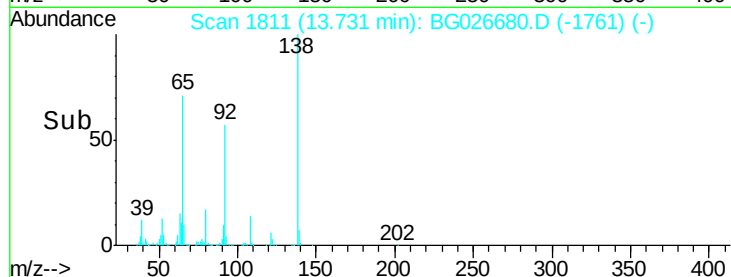
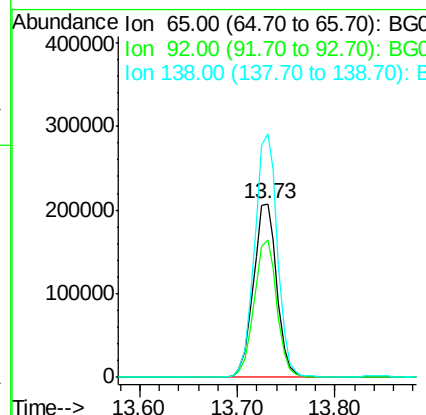
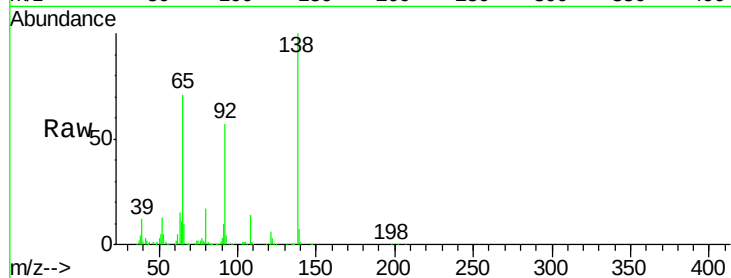
Tot Ion: 65 Resp: 348570

Ion Ratio Lower Upper

65 100

92 79.5 49.0 73.4#

138 140.3 58.6 87.8#



#48

Acenaphthylene

Concen: 43.31 ng

RT: 14.37 min Scan# 1919

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

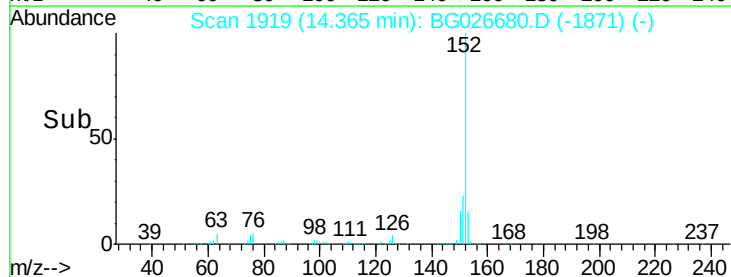
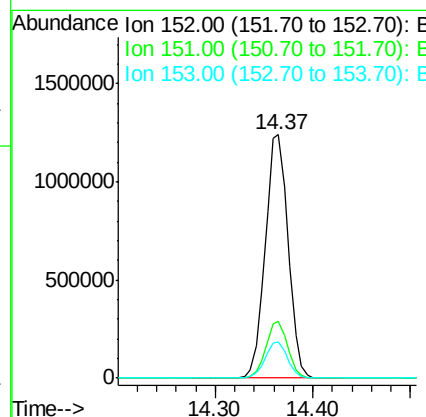
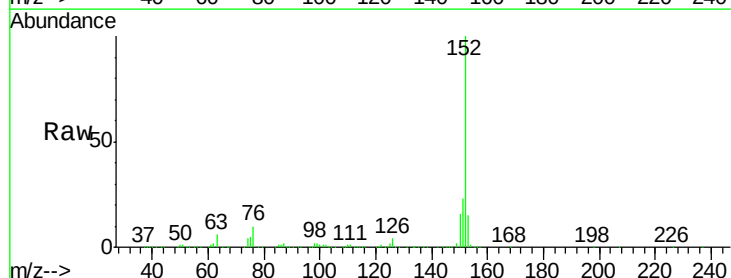
Tgt Ion: 152 Resp: 2053780

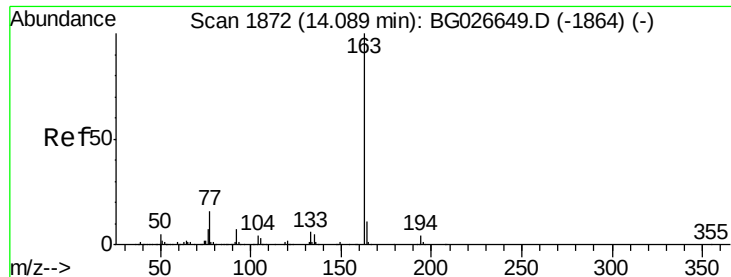
Ion Ratio Lower Upper

152 100

151 23.1 18.2 27.2

153 15.1 11.3 16.9





#49

Dimethylphthalate

Concen: 42.95 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampled :

PB98380BS

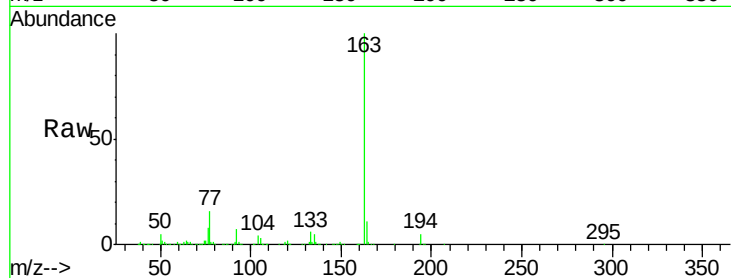
Tot Ion:163 Resp: 1627976

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.6

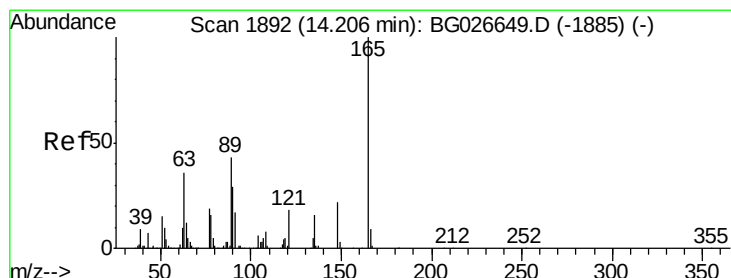
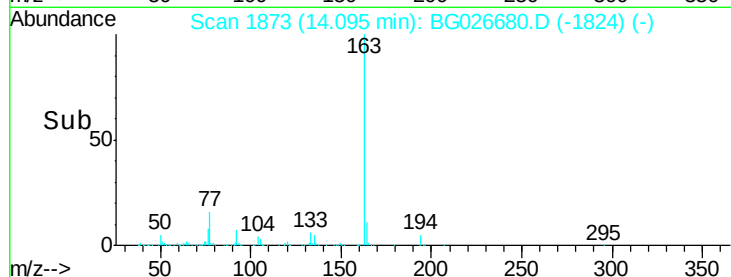
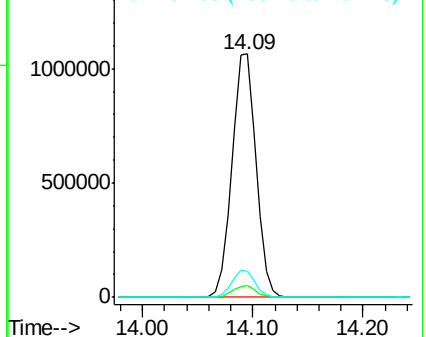
164 10.8 9.3 13.9



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: 45.71 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

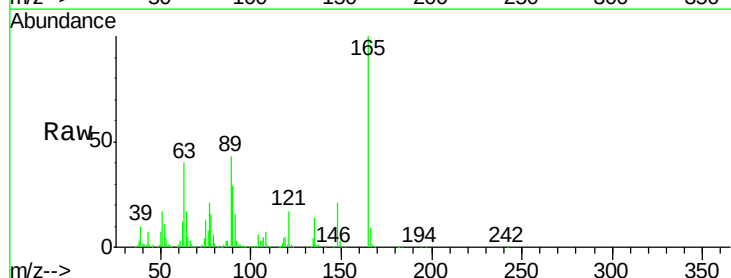
Tgt Ion:165 Resp: 405197

Ion Ratio Lower Upper

165 100

63 40.4 63.9 95.9#

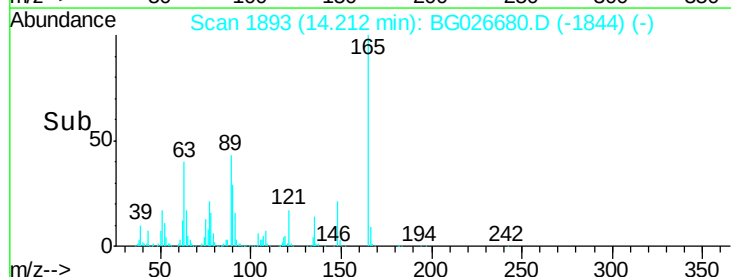
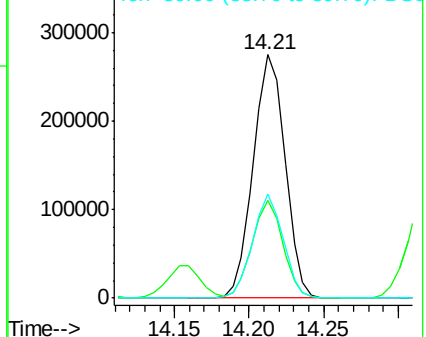
89 42.6 58.6 88.0#

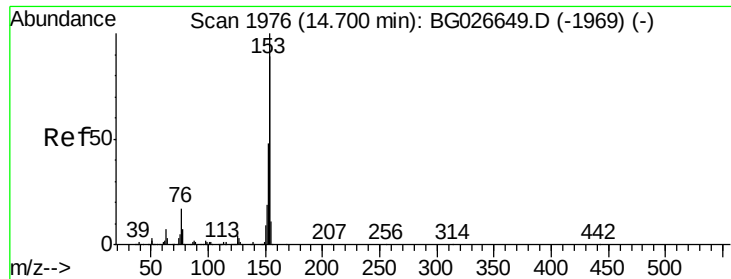


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.27 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

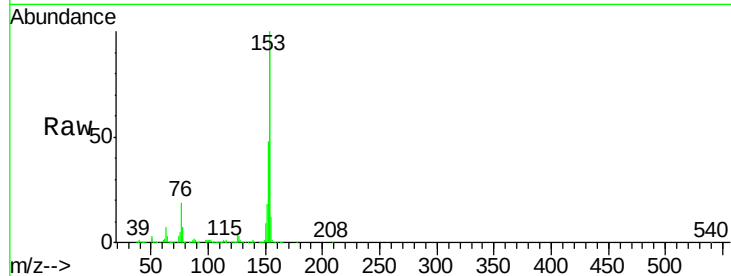
Tot Ion:154 Resp: 1305918

Ion Ratio Lower Upper

154 100

153 110.0 87.8 131.6

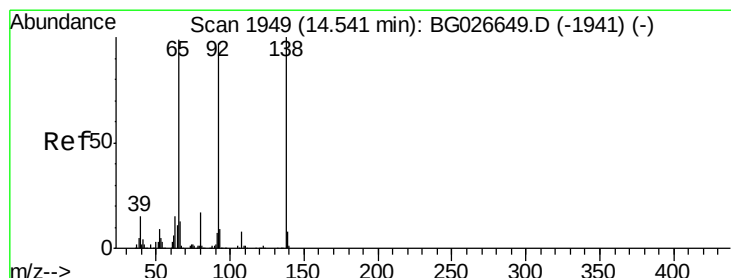
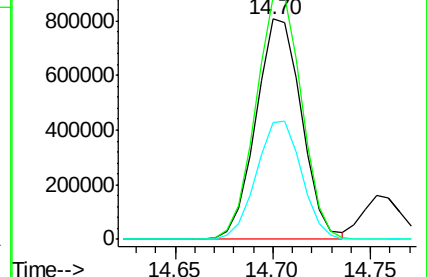
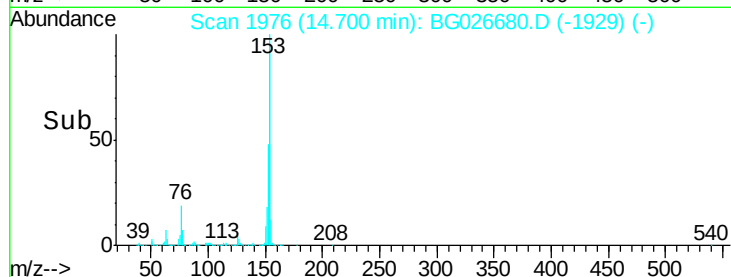
152 53.2 42.2 63.4



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: 27.58 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

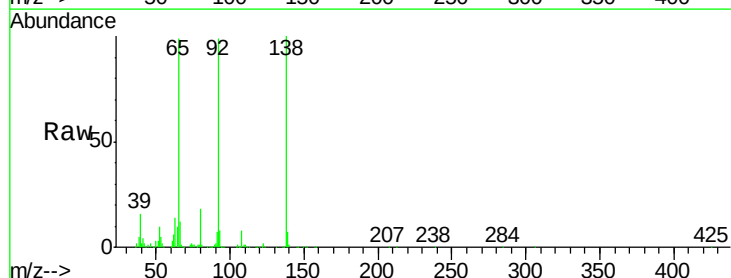
Tgt Ion:138 Resp: 266638

Ion Ratio Lower Upper

138 100

108 7.8 10.9 16.3#

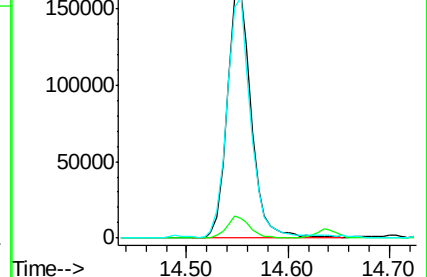
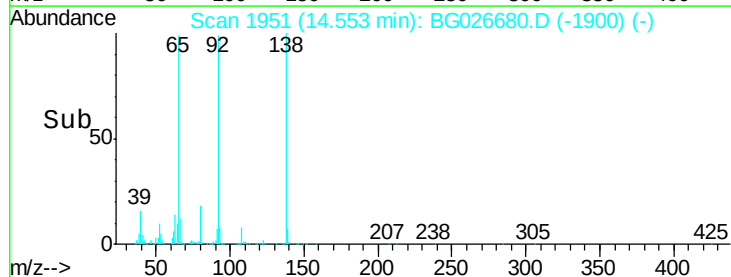
92 99.2 115.3 172.9#

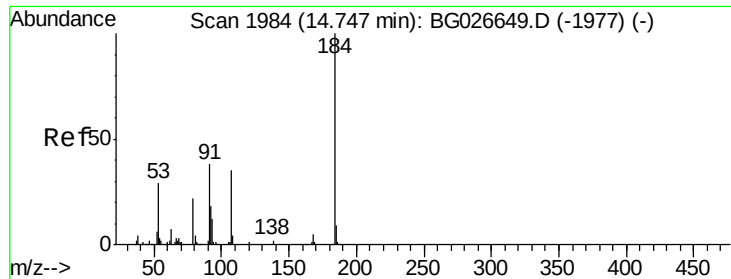


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 94.23 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

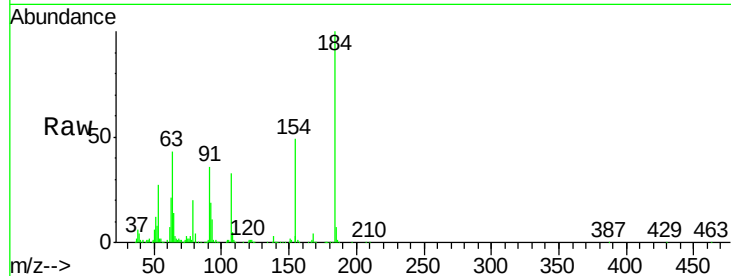
Tot Ion:184 Resp: 505213

Ion Ratio Lower Upper

184 100

63 43.0 52.7 79.1#

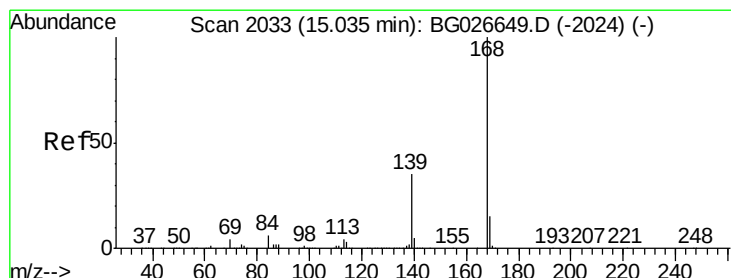
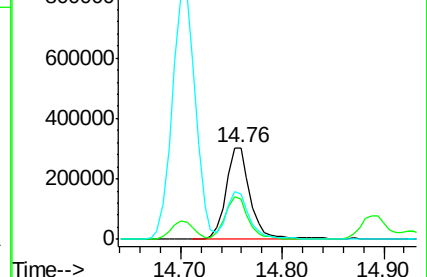
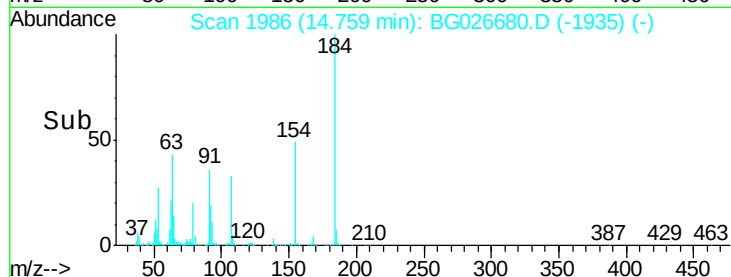
154 49.4 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG026680.D (-1977) (-)

Ion 154.00 (153.70 to 154.70): BG026680.D (-1977) (-)



#54

Dibenzofuran

Concen: 42.69 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

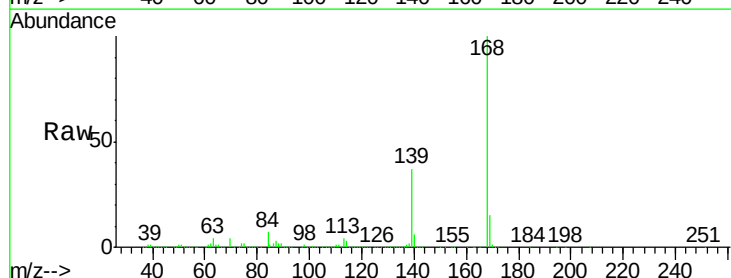
Tgt Ion:168 Resp: 2008216

Ion Ratio Lower Upper

168 100

139 36.9 35.3 52.9

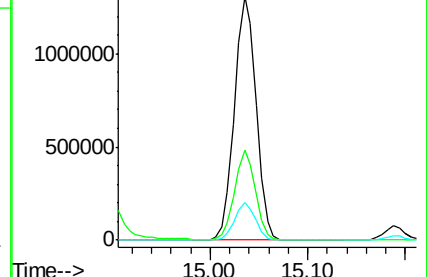
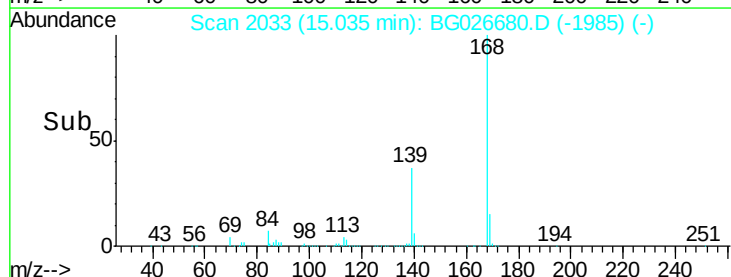
169 15.4 11.5 17.3

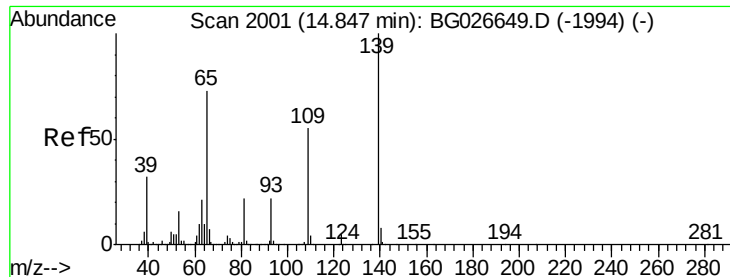


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): BG026680.D (-2024) (-)

Ion 169.00 (168.70 to 169.70): BG026680.D (-2024) (-)





#55

4-Nitrophenol

Concen: 87.75 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

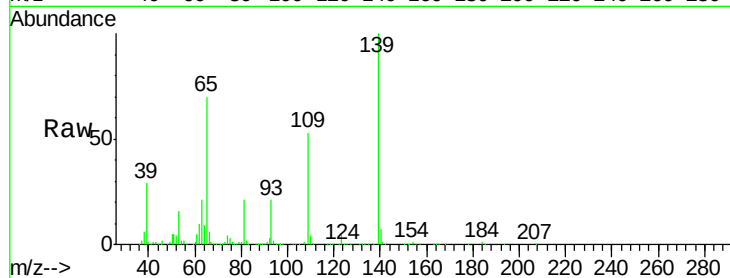
Tot Ion:139 Resp: 716182

Ion Ratio Lower Upper

139 100

109 53.2 101.2 141.2#

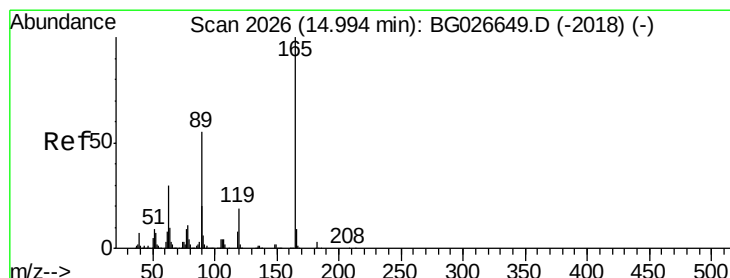
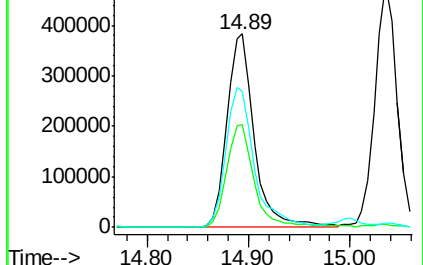
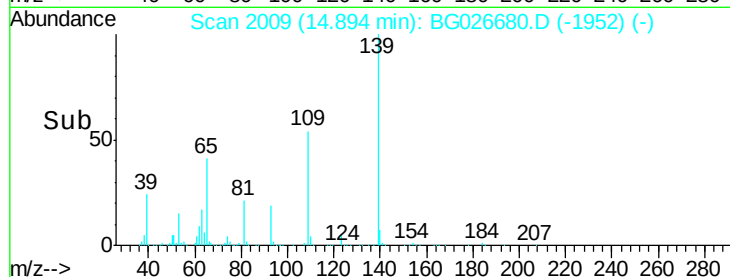
65 70.3 135.3 175.3#



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: 47.37 ng

RT: 15.00 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Tgt Ion:165 Resp: 596325

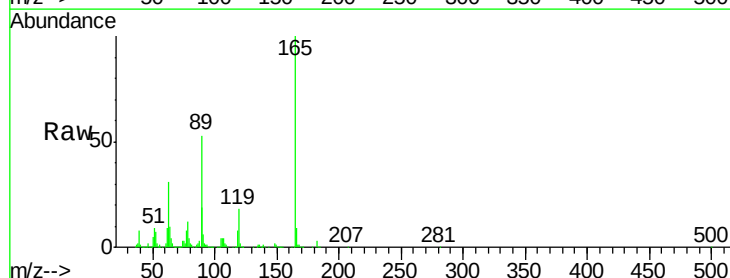
Ion Ratio Lower Upper

165 100

63 31.4 44.0 66.0#

89 52.5 67.3 100.9#

182 3.0 3.8 5.6#

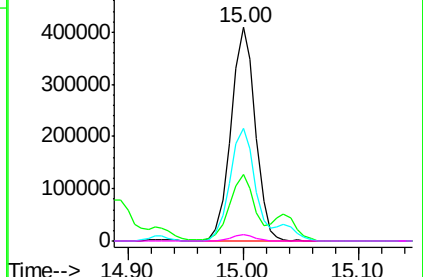
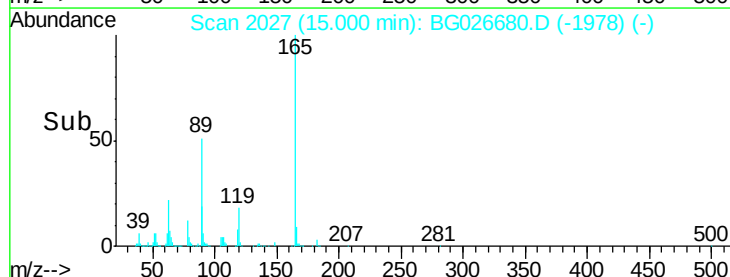


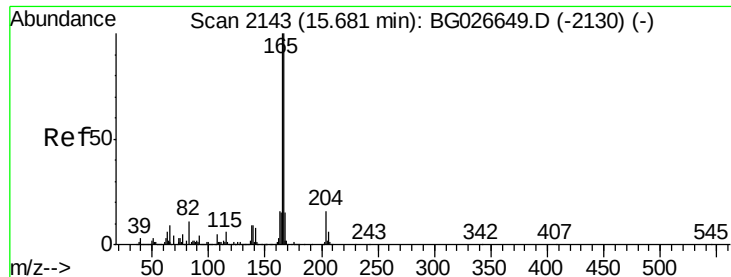
Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.44 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

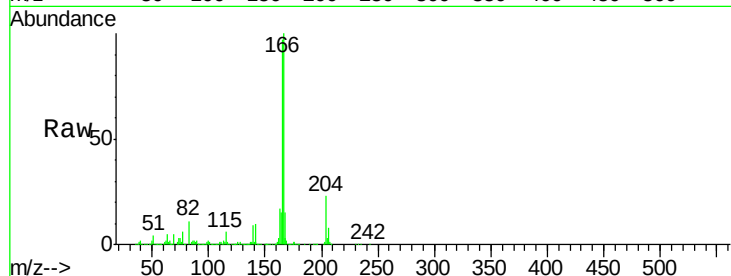
BNA_G

ClientSampleId :

PB98380BS

Tot Ion:166 Resp: 1682436

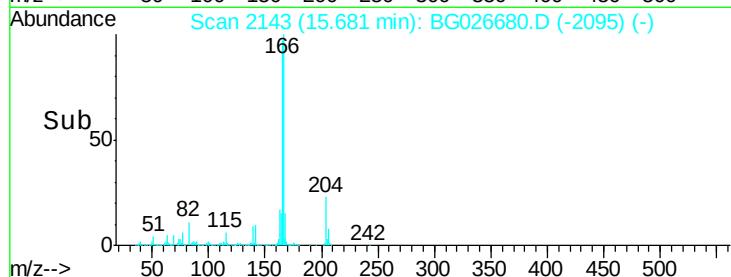
Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.6	117.8
167	14.7	11.6	17.4



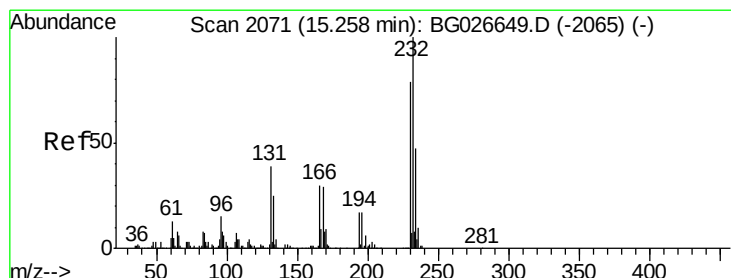
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.55 ng

RT: 15.27 min Scan# 2073

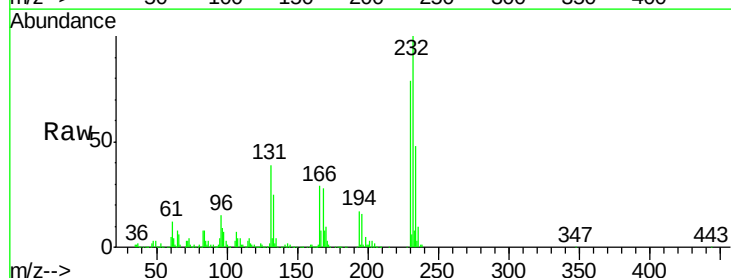
Delta R.T. -0.00 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Tgt Ion:232 Resp: 503188

Ion	Ratio	Lower	Upper
232	100		
131	39.9	34.9	52.3
130	2.2	2.3	3.5#
166	29.2	24.2	36.4

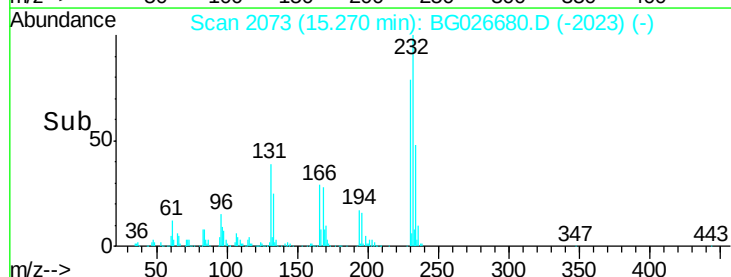


Abundance Ion 232.00 (231.70 to 232.70): E

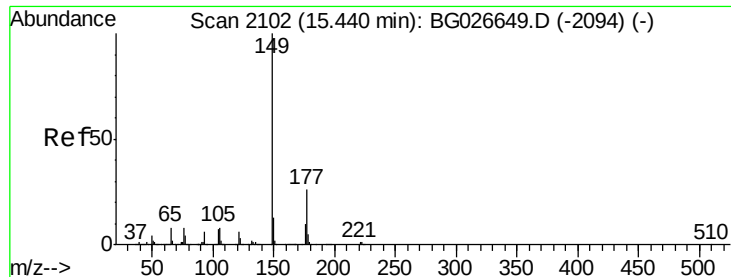
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



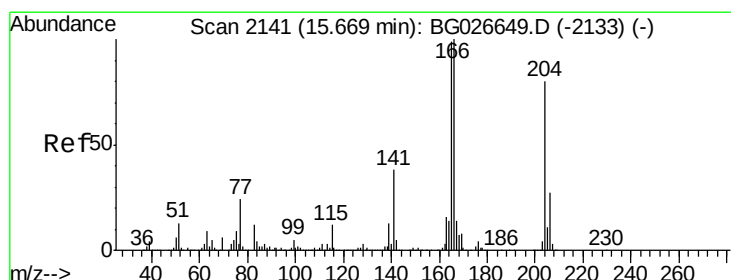
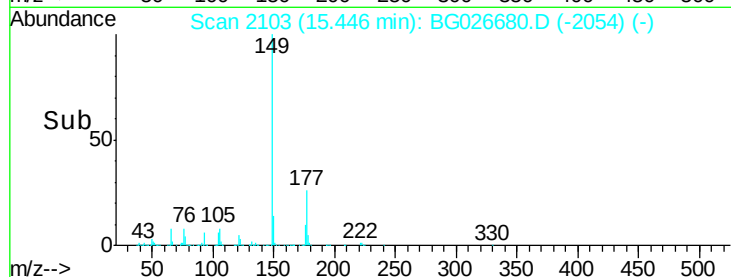
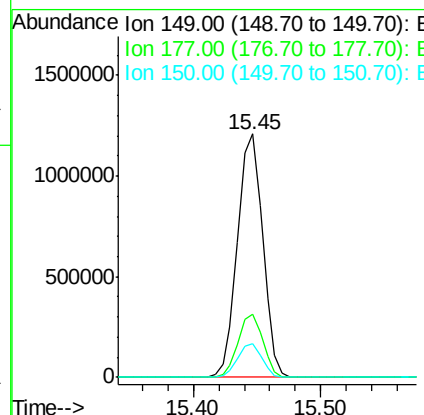
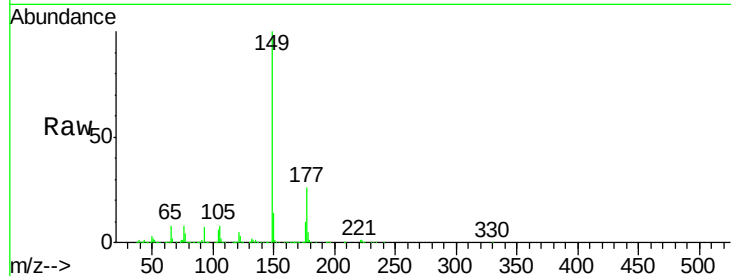
Time-->



#59
Diethylphthalate
Concen: 43.09 ng
RT: 15.45 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

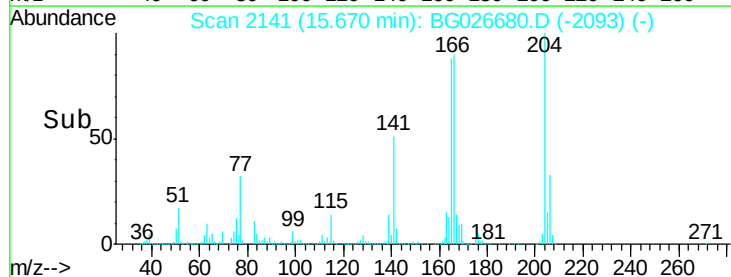
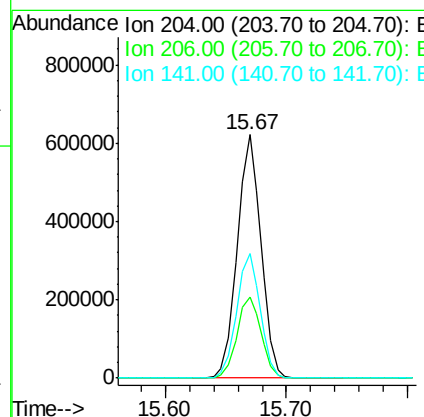
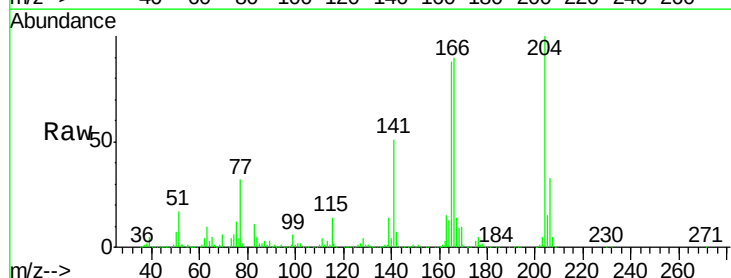
Instrument :
BNA_G
ClientSampleId :
PB98380BS

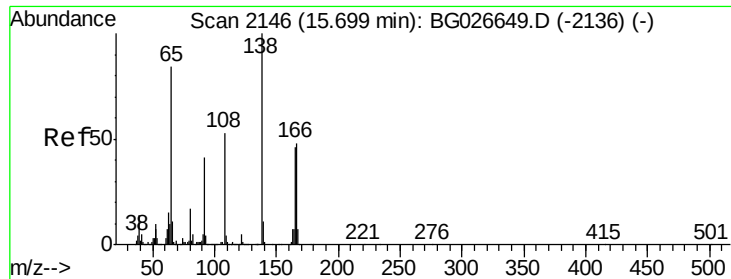
Tot Ion:149 Resp: 1660832
Ion Ratio Lower Upper
149 100
177 26.1 20.1 30.1
150 13.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.90 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

Tgt Ion:204 Resp: 848573
Ion Ratio Lower Upper
204 100
206 33.4 30.1 45.1
141 51.3 50.6 76.0

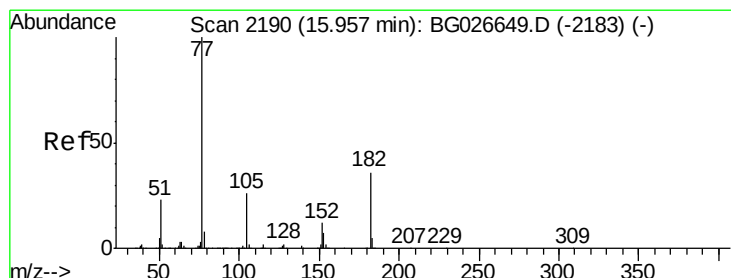
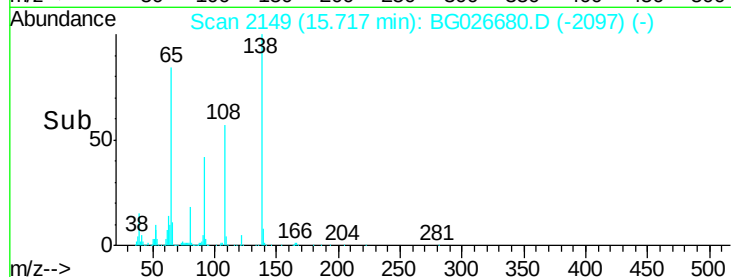
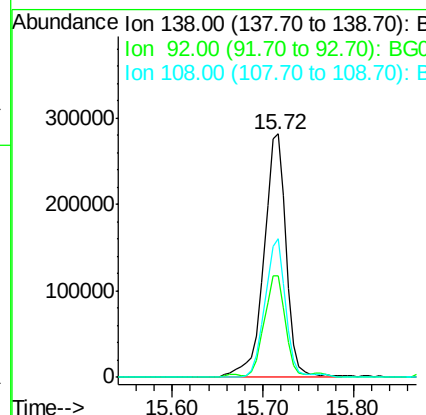
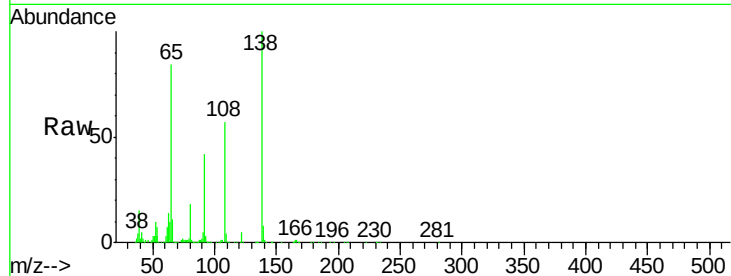




#61
4-Nitroaniline
Concen: 46.84 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.01 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

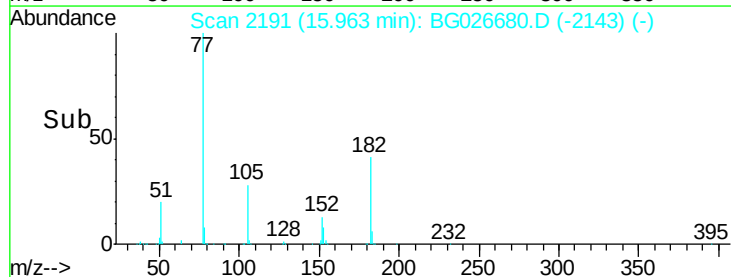
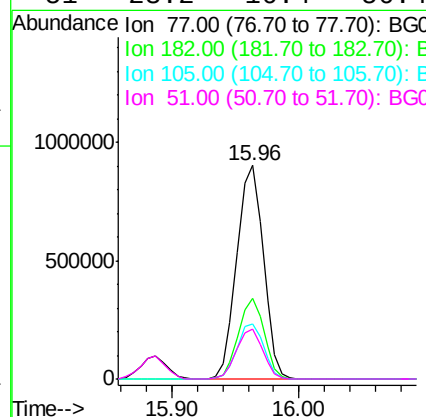
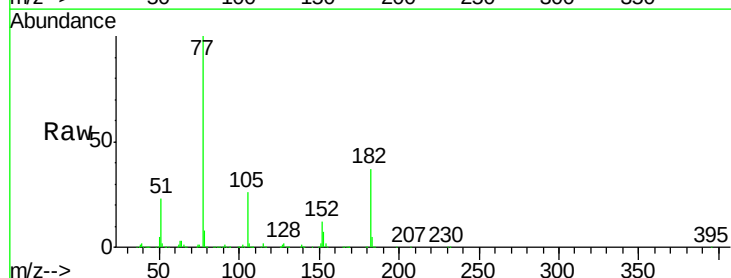
Instrument :
BNA_G
ClientSampleId :
PB98380BS

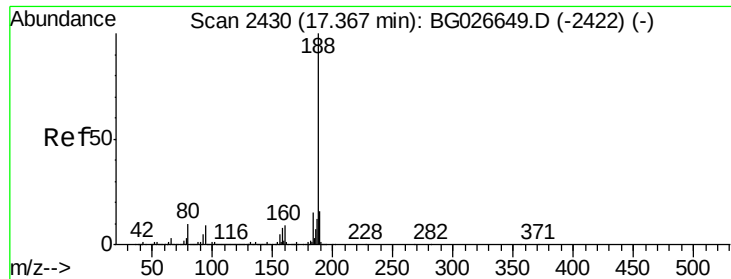
Tot Ion:138 Resp: 482928
Ion Ratio Lower Upper
138 100
92 41.6 44.2 84.2#
108 56.8 104.8 144.8#



#62
Azobenzene
Concen: 44.03 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

Tgt Ion: 77 Resp: 1309210
Ion Ratio Lower Upper
77 100
182 37.5 4.7 44.7
105 25.8 0.0 36.3
51 23.2 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

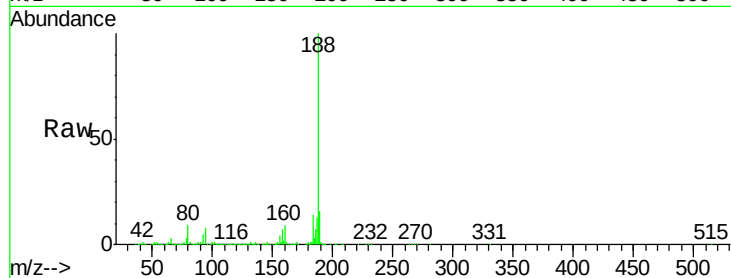
Tot Ion:188 Resp: 1229357

Ion Ratio Lower Upper

188 100

94 8.3 5.8 8.8

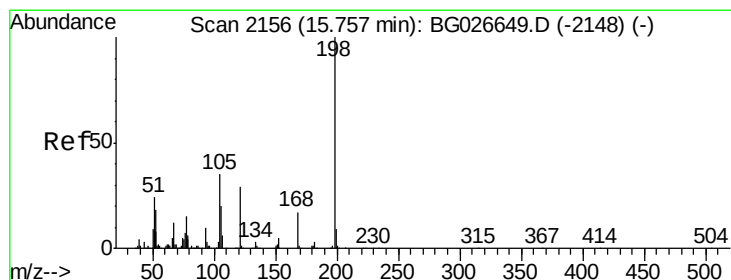
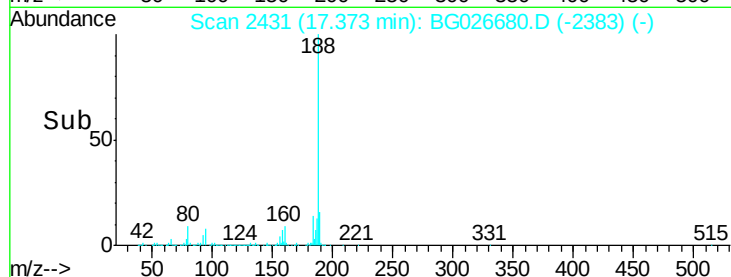
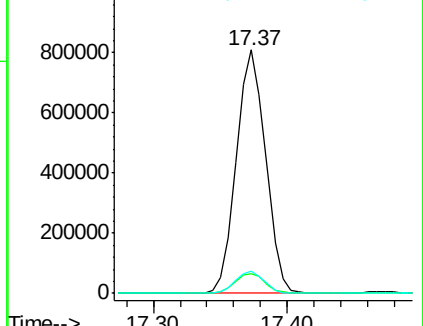
80 9.0 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG026680.D (-2422) (-)

Ion 80.00 (79.70 to 80.70): BG026680.D (-2422) (-)



#64

4,6-Dinitro-2-methylphenol

Concen: 47.29 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

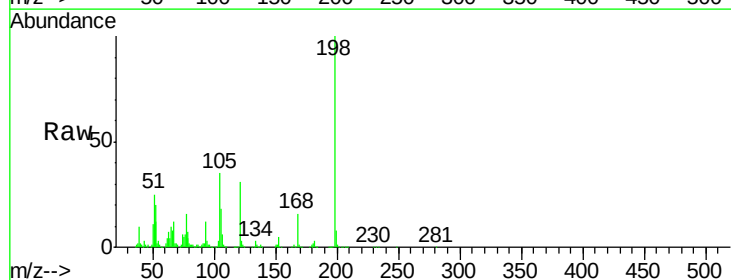
Tgt Ion:198 Resp: 392592

Ion Ratio Lower Upper

198 100

51 24.9 22.6 62.6

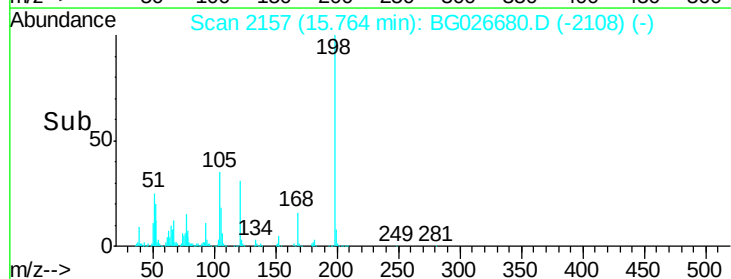
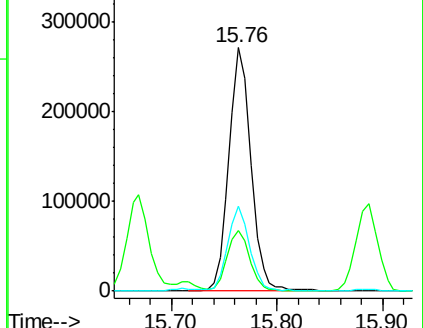
105 34.9 14.4 54.4

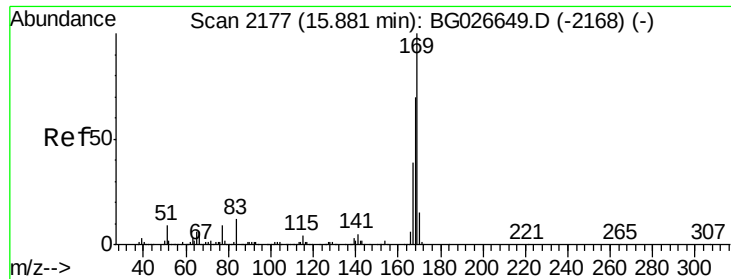


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG026680.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BG026680.D (-2148) (-)

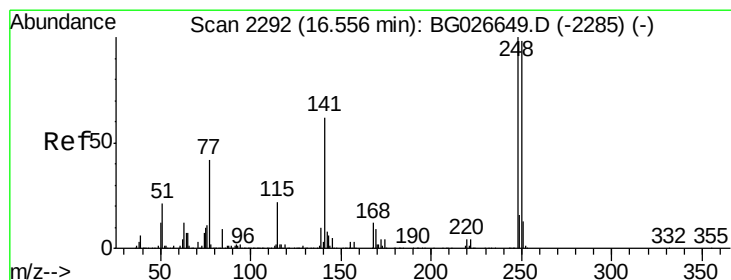
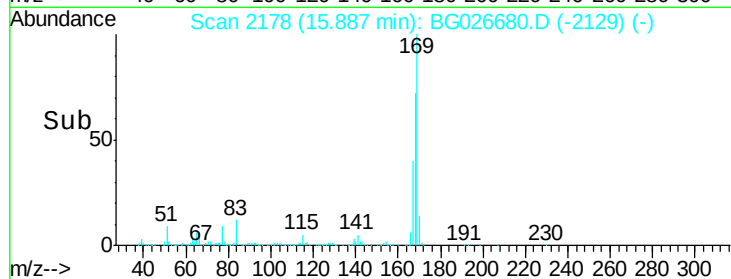
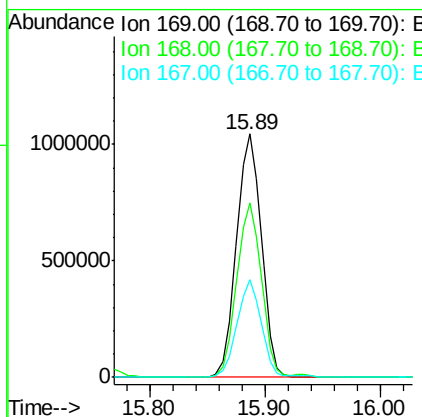
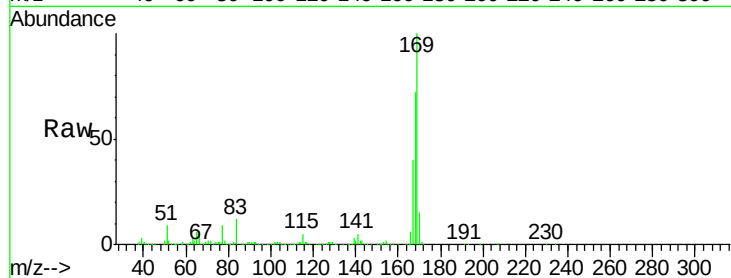




#65
 n-Nitrosodiphenylamine
 Concen: 43.95 ng
 RT: 15.89 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

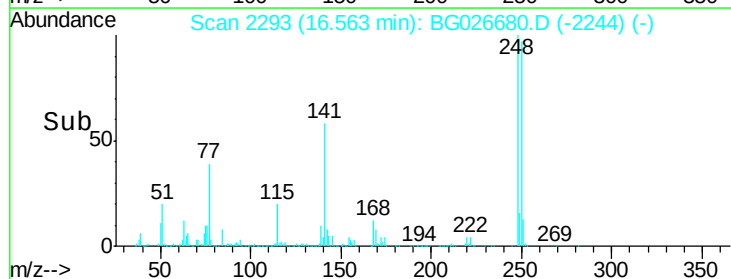
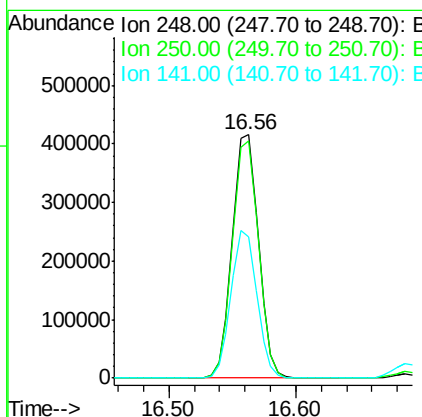
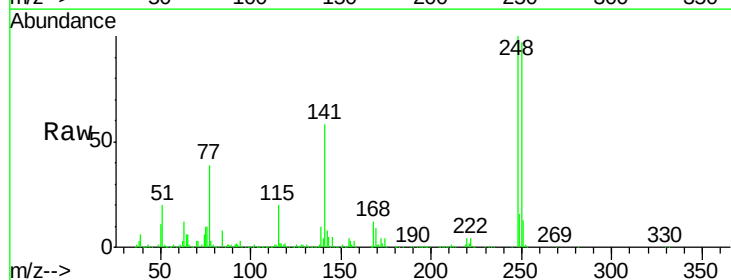
Instrument :
 BNA_G
 ClientSampleId :
 PB98380BS

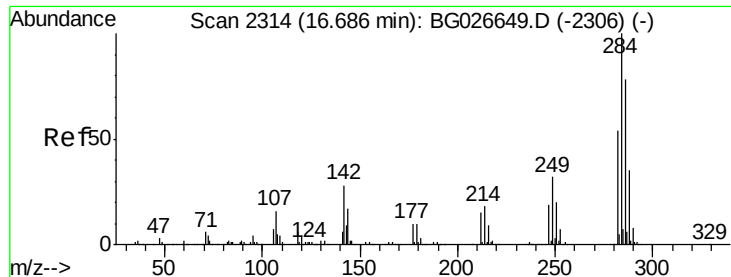
Tot Ion:169 Resp: 1558546
 Ion Ratio Lower Upper
 169 100
 168 71.9 55.7 83.5
 167 39.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.14 ng
 RT: 16.56 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

Tgt Ion:248 Resp: 592922
 Ion Ratio Lower Upper
 248 100
 250 97.4 75.0 112.6
 141 58.0 55.2 82.8

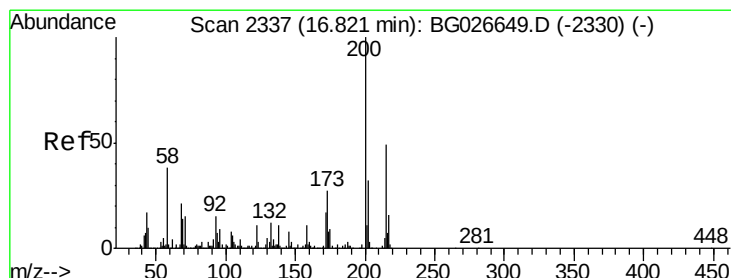
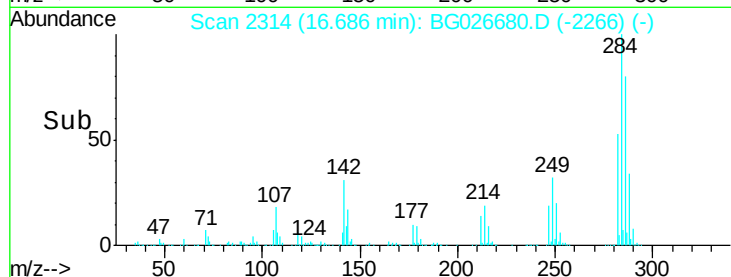
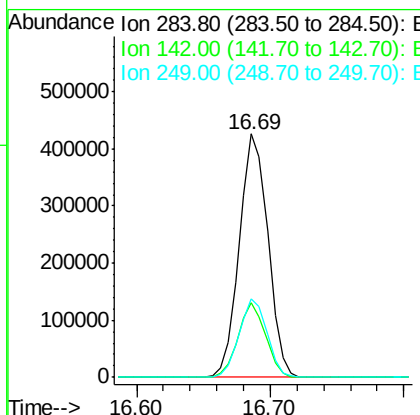
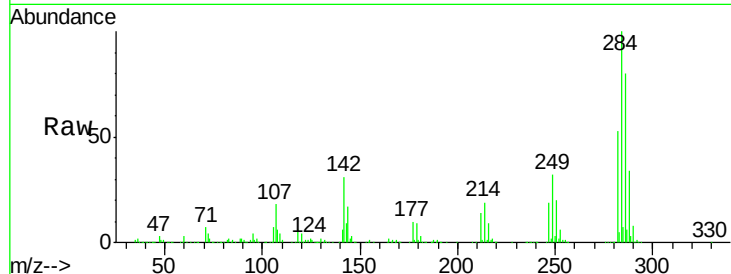




#67
Hexachlorobenzene
Concen: 42.64 ng
RT: 16.69 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

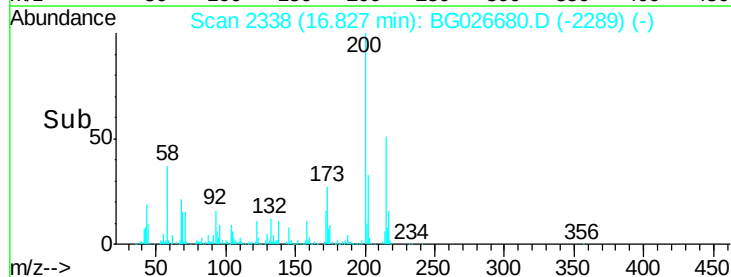
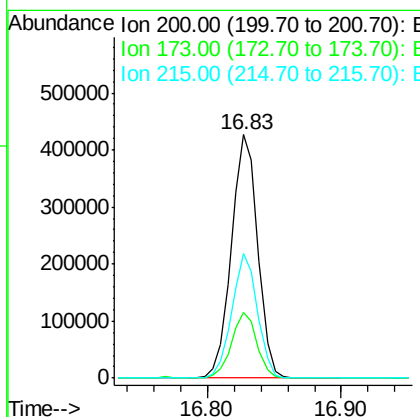
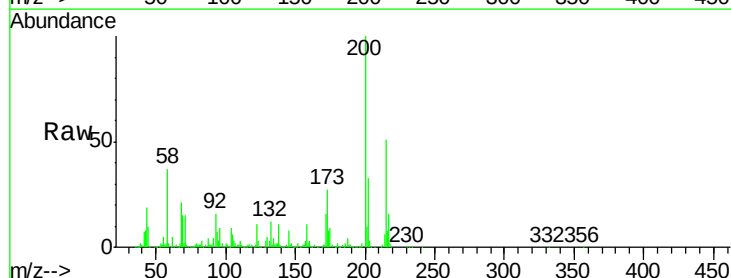
Instrument :
BNA_G
ClientSampleId :
PB98380BS

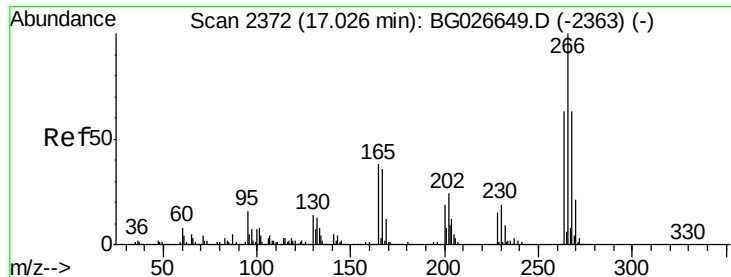
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.9	29.9	44.9
249	32.1	29.2	43.8



#68
Atrazine
Concen: 42.36 ng
RT: 16.83 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	3.0	43.0
215	51.4	28.4	68.4

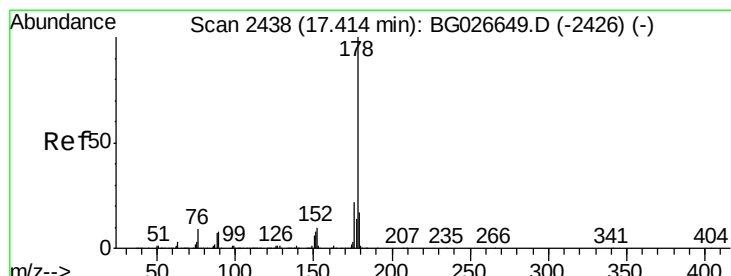
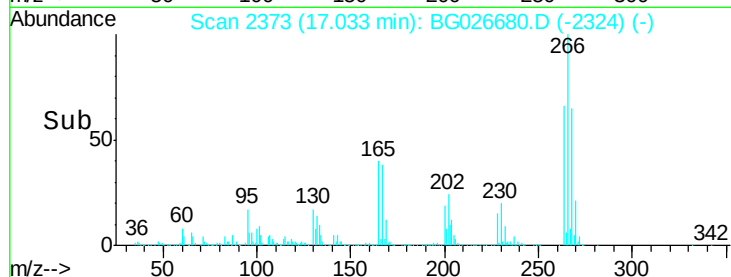
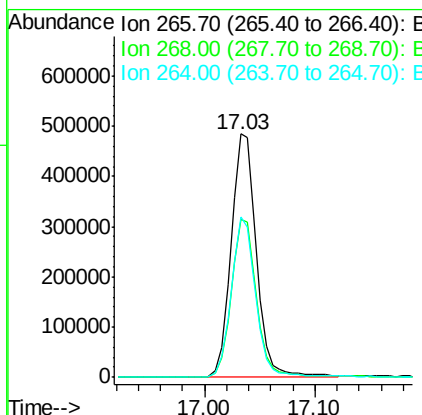
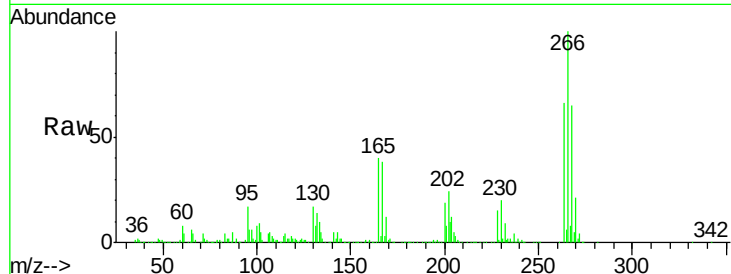




#69
 Pentachlorophenol
 Concen: 87.52 ng
 RT: 17.03 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

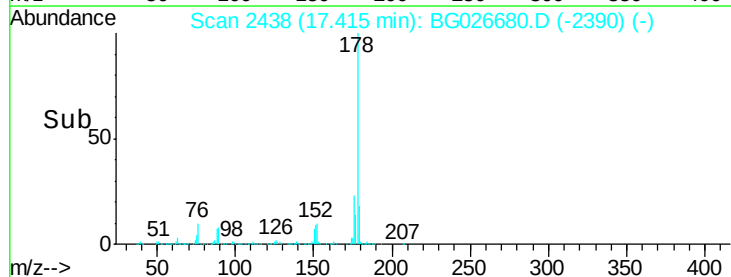
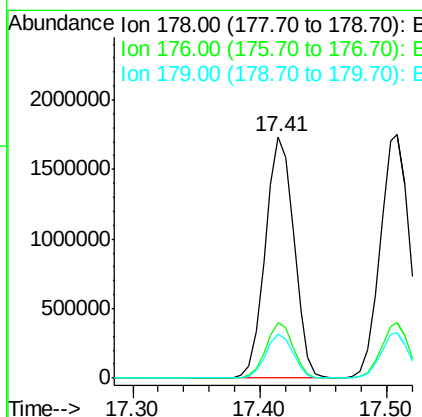
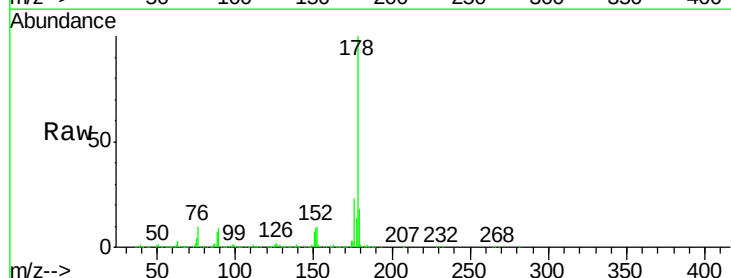
Instrument :
 BNA_G
 ClientSampleId :
 PB98380BS

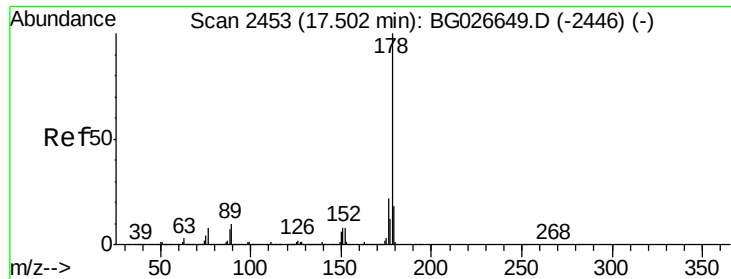
Tot Ion:266 Resp: 780873
 Ion Ratio Lower Upper
 266 100
 268 65.0 48.6 72.8
 264 65.8 50.1 75.1



#70
 Phenanthrene
 Concen: 43.03 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

Tgt Ion:178 Resp: 2723729
 Ion Ratio Lower Upper
 178 100
 176 23.1 17.7 26.5
 179 18.5 15.0 22.6

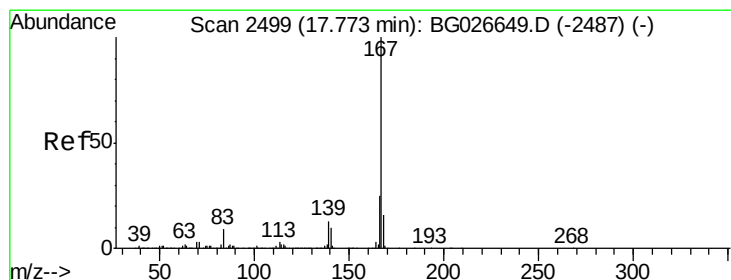
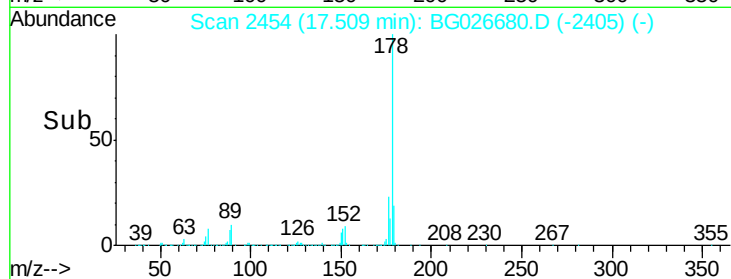
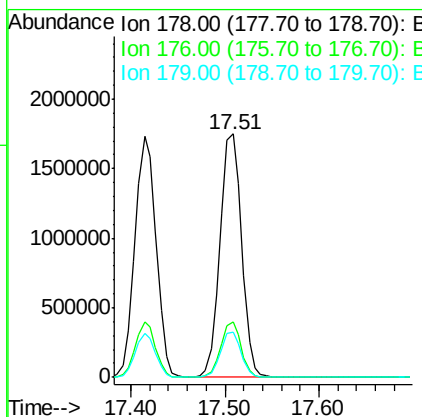
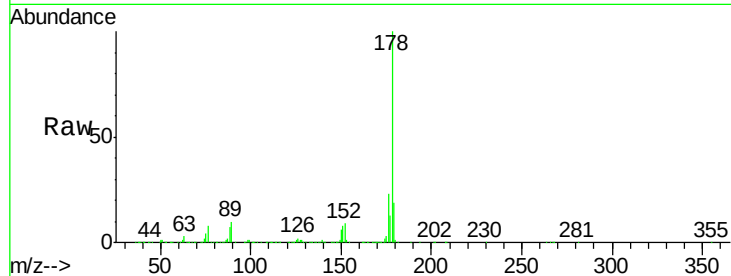




#71
 Anthracene
 Concen: 43.10 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

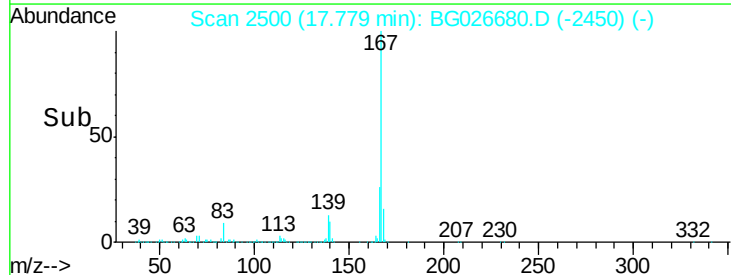
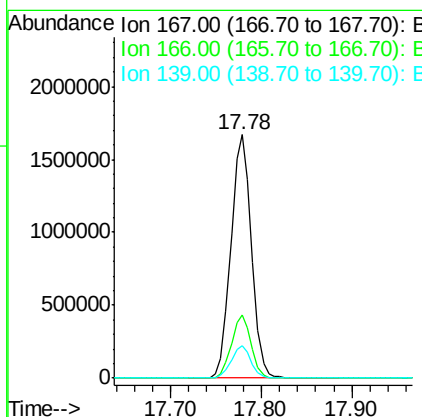
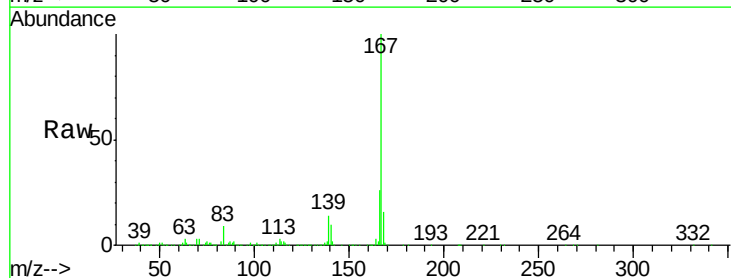
Instrument :
 BNA_G
 ClientSampleId :
 PB98380BS

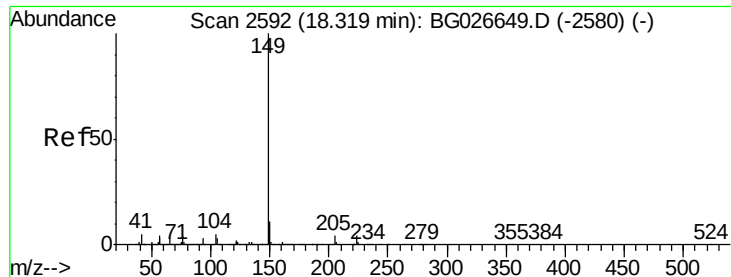
Tot Ion:178 Resp: 2819217
 Ion Ratio Lower Upper
 178 100
 176 22.8 16.4 24.6
 179 18.6 13.8 20.8



#72
 Carbazole
 Concen: 42.13 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

Tgt Ion:167 Resp: 2638468
 Ion Ratio Lower Upper
 167 100
 166 26.0 20.2 30.2
 139 13.6 12.8 19.2





#73

Di-n-butylphthalate

Concen: 41.75 ng

RT: 18.32 min Scan# 2592

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

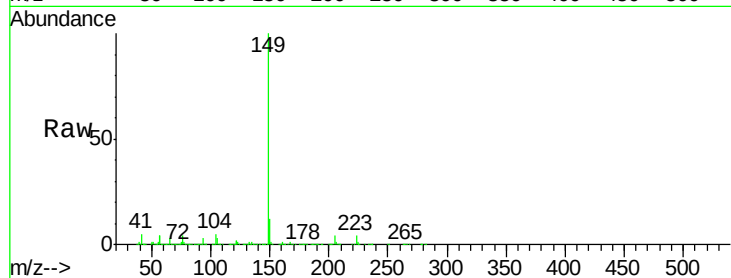
Tot Ion:149 Resp: 2932348

Ion Ratio Lower Upper

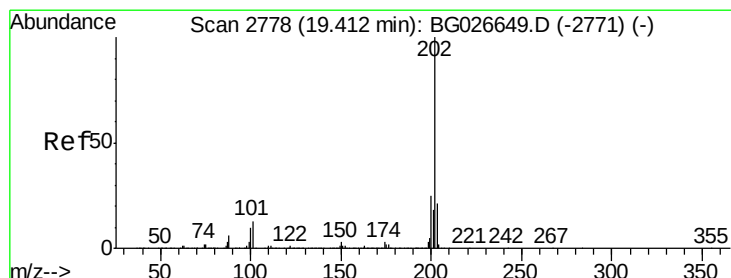
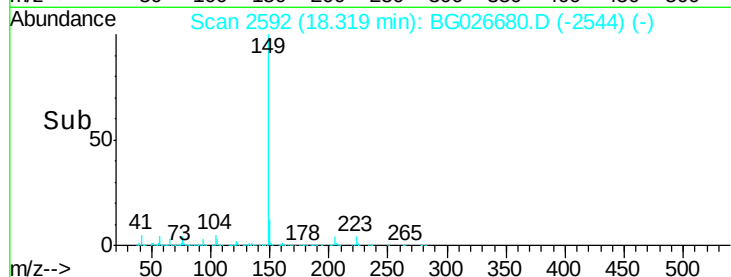
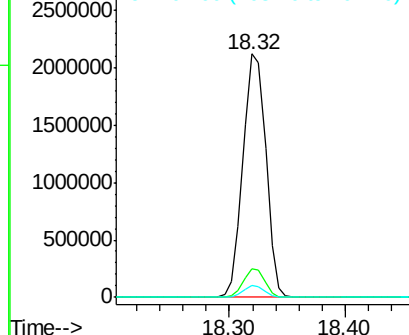
149 100

150 11.8 9.1 13.7

104 5.0 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.27 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

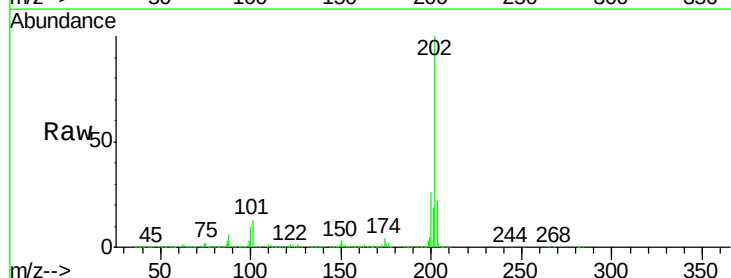
Tgt Ion:202 Resp: 3102254

Ion Ratio Lower Upper

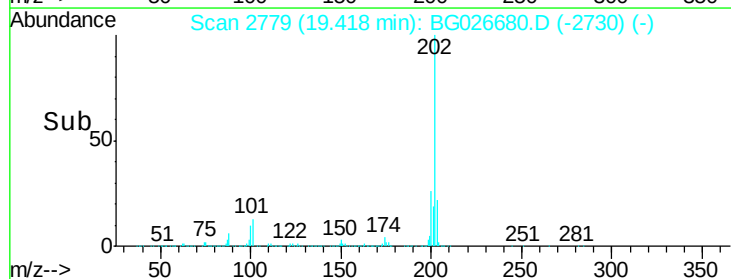
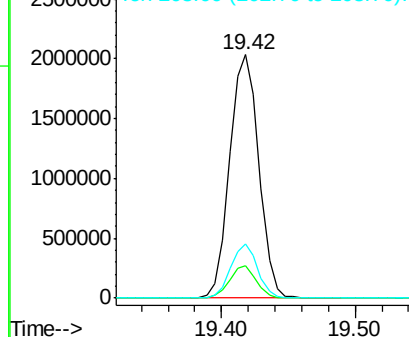
202 100

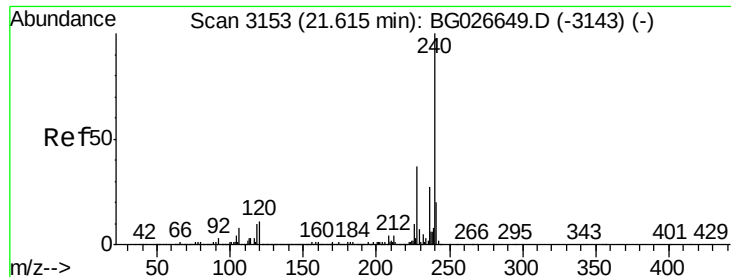
101 13.2 0.0 30.1

203 22.3 1.3 41.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

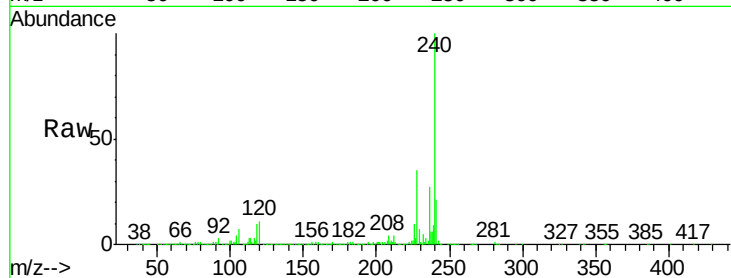
Tot Ion:240 Resp: 1341891

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

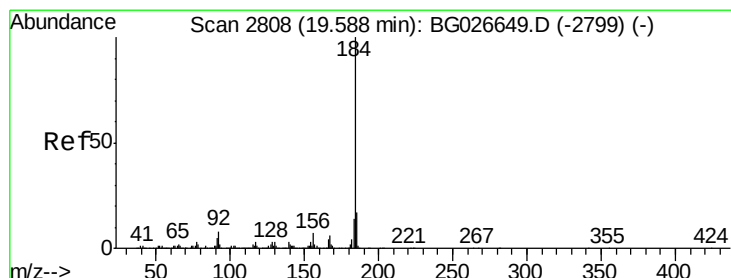
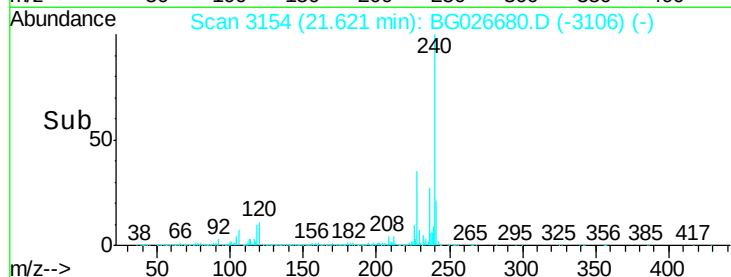
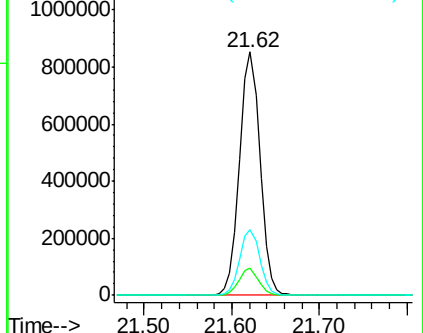
236 26.7 22.2 33.4



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: 41.40 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

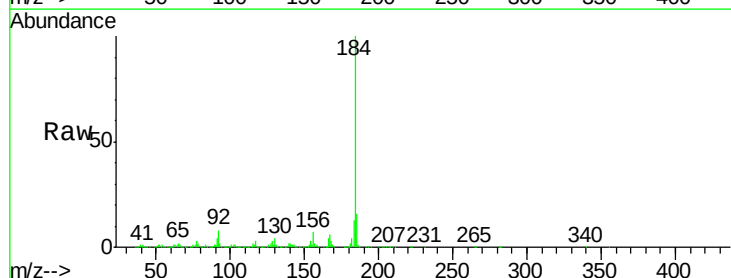
Tgt Ion:184 Resp: 1486133

Ion Ratio Lower Upper

184 100

185 15.8 13.0 19.6

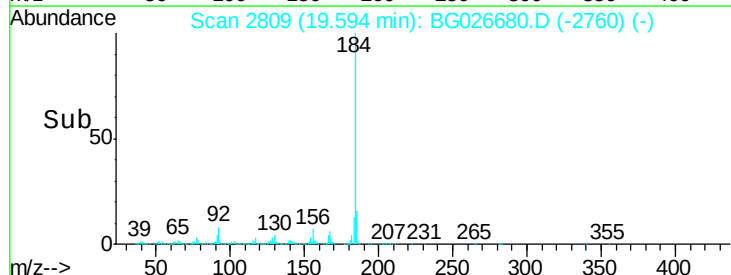
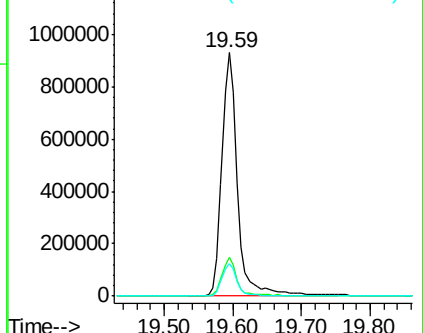
183 13.2 11.0 16.6

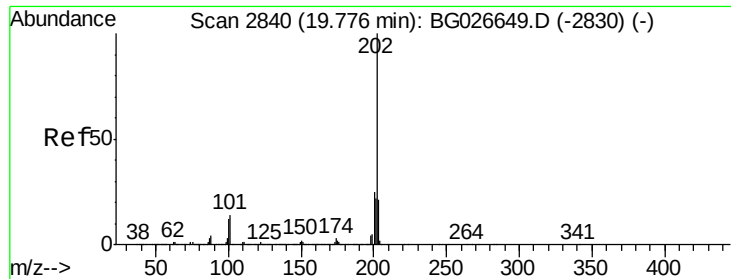


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.47 ng

RT: 19.78 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

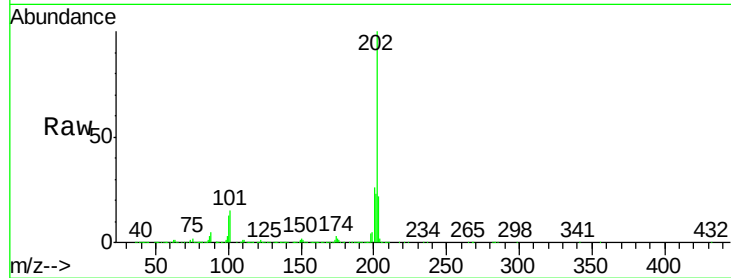
BNA_G

ClientSampleId :

PB98380BS

Tot Ion:202 Resp: 3140626

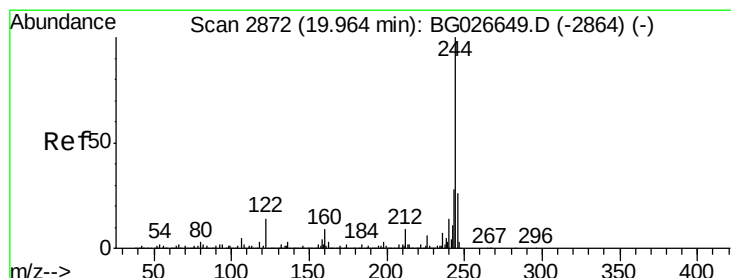
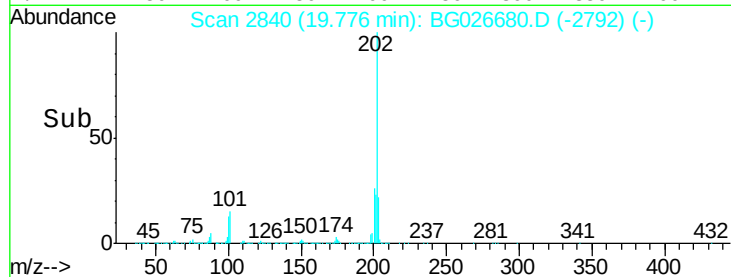
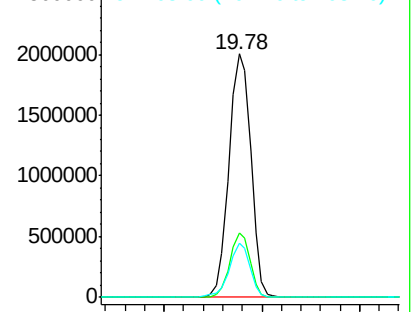
Ion	Ratio	Lower	Upper
202	100		
200	26.4	19.6	29.4
203	22.1	15.8	23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.96 ng

RT: 19.97 min Scan# 2873

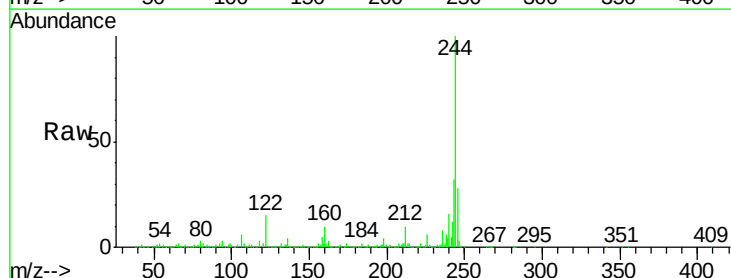
Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Tgt Ion:244 Resp: 3952457

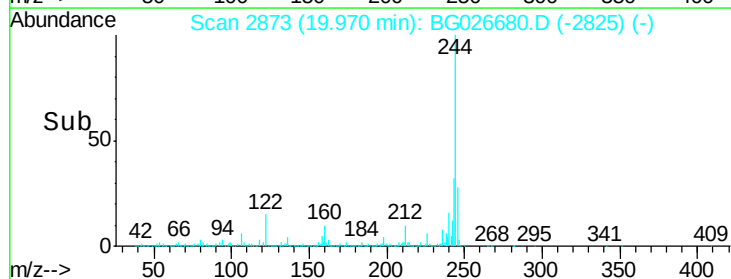
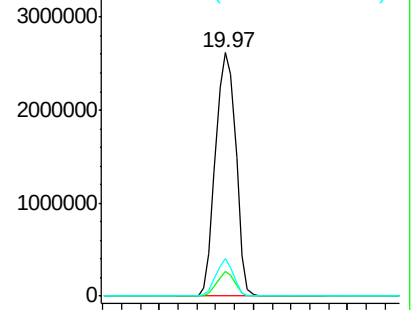
Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.0	15.0
122	15.3	8.6	12.8

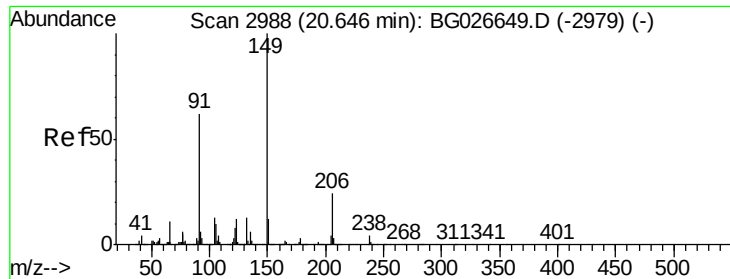


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

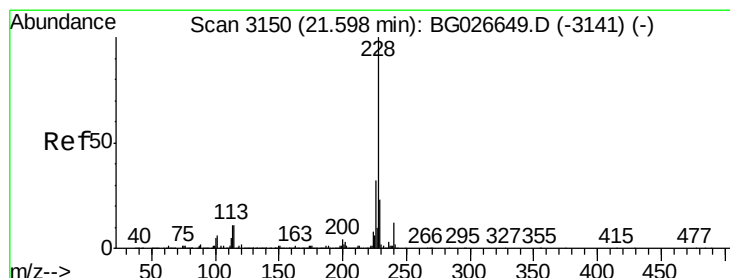
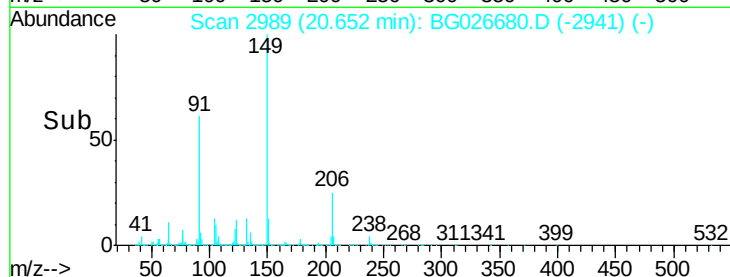
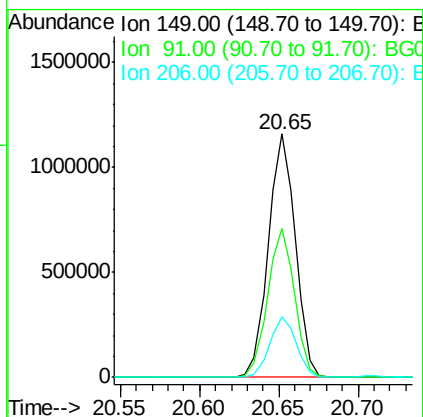
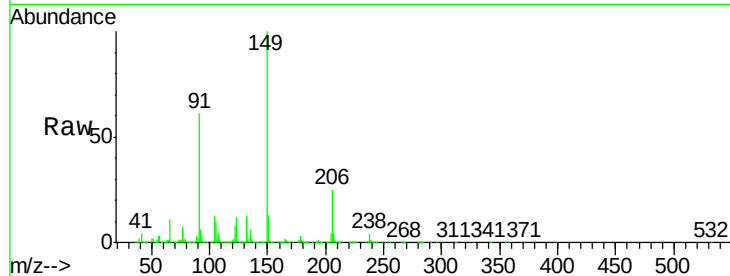




#79
Butylbenzylphthalate
Concen: 44.37 ng
RT: 20.65 min Scan# 2989
Delta R.T. -0.02 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

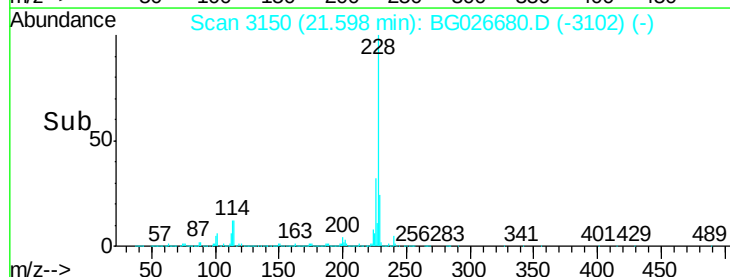
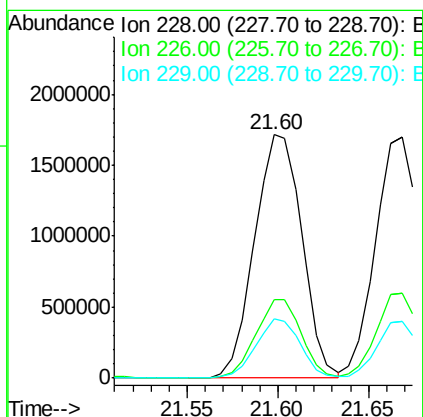
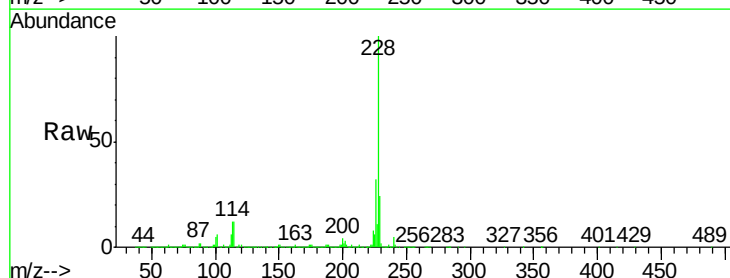
Instrument :
BNA_G
ClientSampleId :
PB98380BS

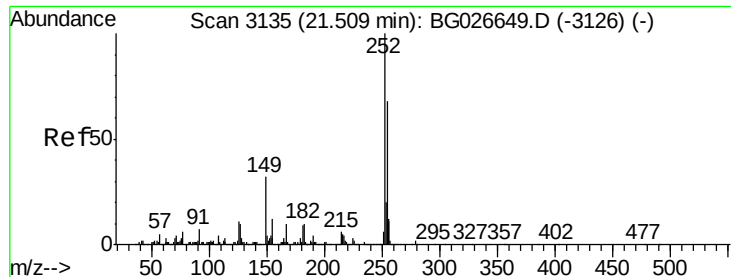
Tot Ion:149 Resp: 1379256
Ion Ratio Lower Upper
149 100
91 61.3 63.5 95.3#
206 24.7 21.0 31.6



#80
Benzo(a)anthracene
Concen: 43.04 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.02 min
Lab File: BG026680.D
Acq: 20 Apr 2017 18:10

Tgt Ion:228 Resp: 3119485
Ion Ratio Lower Upper
228 100
226 32.4 24.9 37.3
229 24.3 18.2 27.2

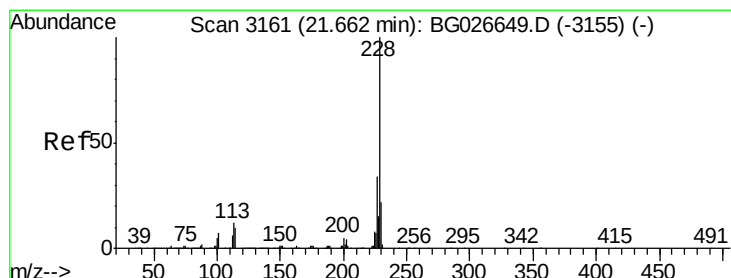
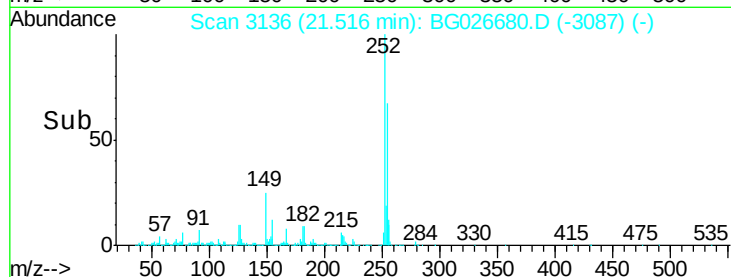
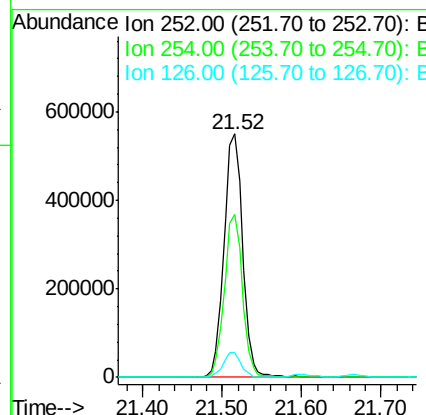
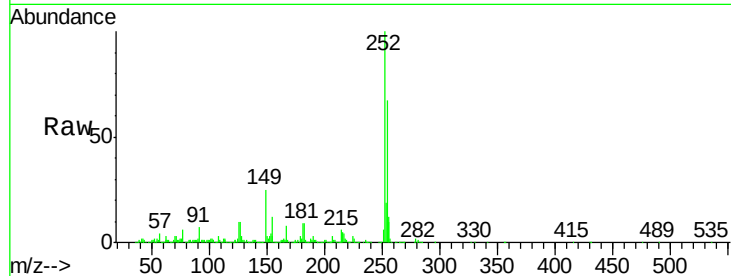




#81
 3,3'-Dichlorobenzidine
 Concen: 29.91 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

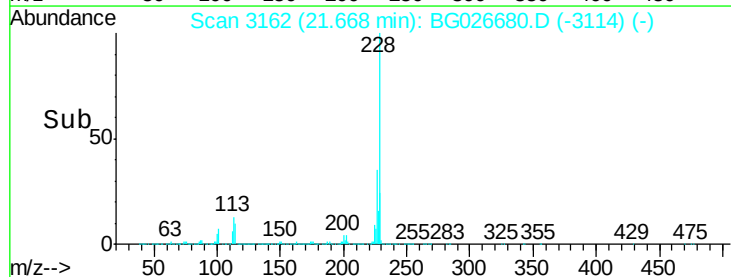
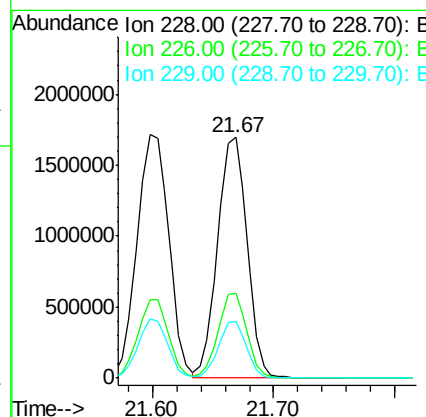
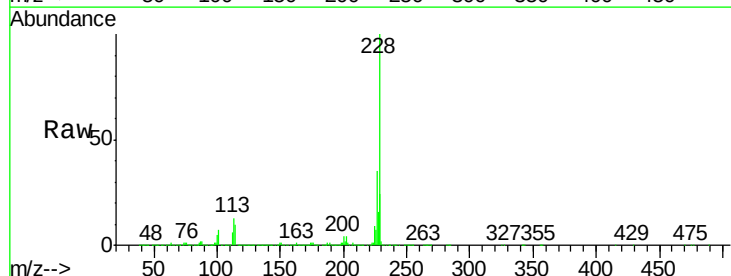
Instrument :
 BNA_G
 ClientSampleId :
 PB98380BS

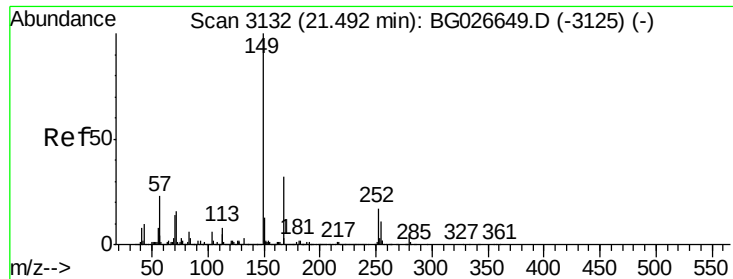
Tot Ion:252 Resp: 898878
 Ion Ratio Lower Upper
 252 100
 254 67.1 53.1 79.7
 126 10.4 7.0 10.4



#82
 Chrysene
 Concen: 42.78 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.02 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

Tgt Ion:228 Resp: 2852931
 Ion Ratio Lower Upper
 228 100
 226 35.0 27.0 40.4
 229 23.8 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.44 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

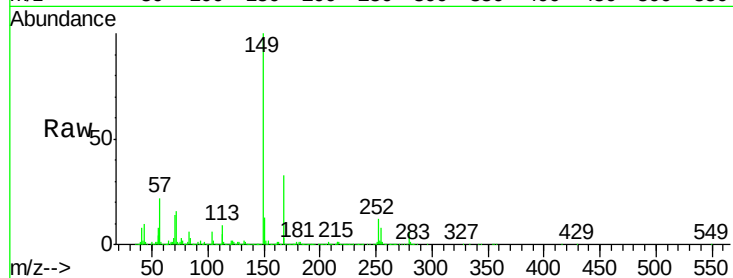
BNA_G

ClientSampleId :

PB98380BS

Tot Ion:149 Resp: 1946059

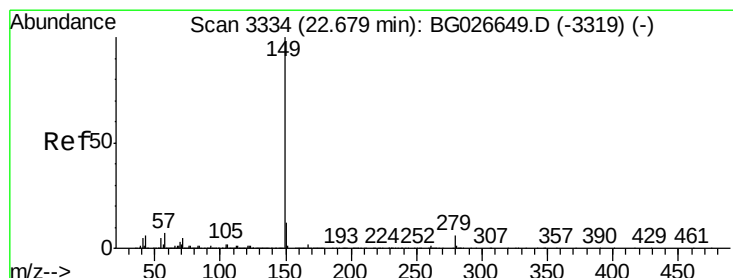
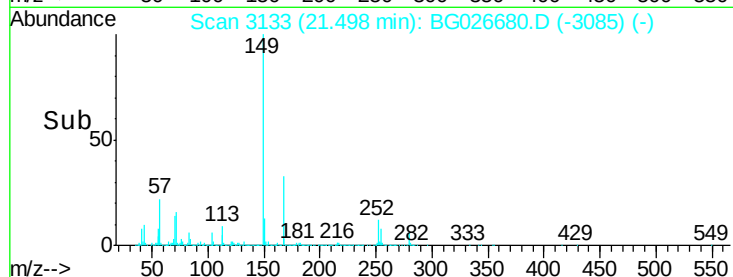
Ion	Ratio	Lower	Upper
149	100		
167	32.7	23.7	35.5
279	5.9	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.94 ng

RT: 22.68 min Scan# 3335

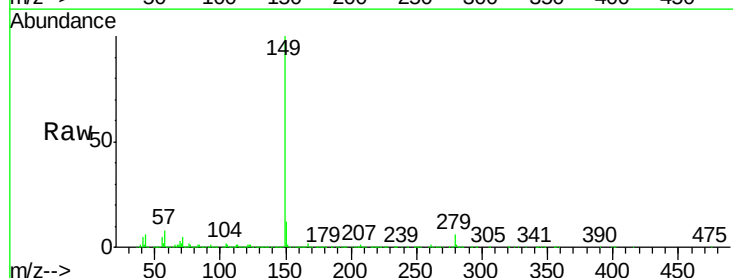
Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Tgt Ion:149 Resp: 3286891

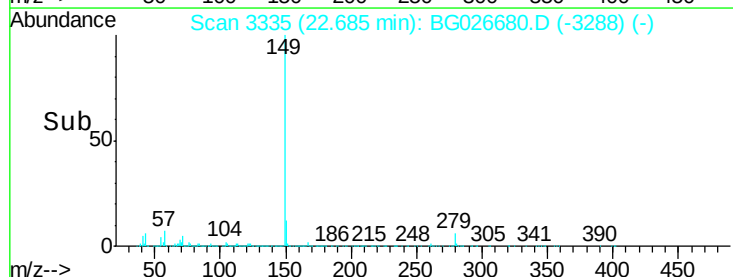
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	5.9	11.8	17.6#

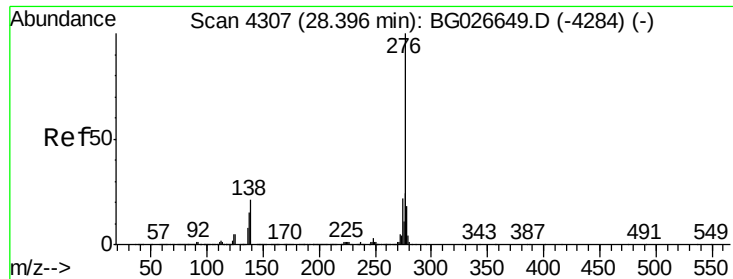


Abundance Ion 149.00 (148.70 to 149.70): E

2500000 Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.58 ng

RT: 28.41 min Scan# 4310

Delta R.T. -0.05 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

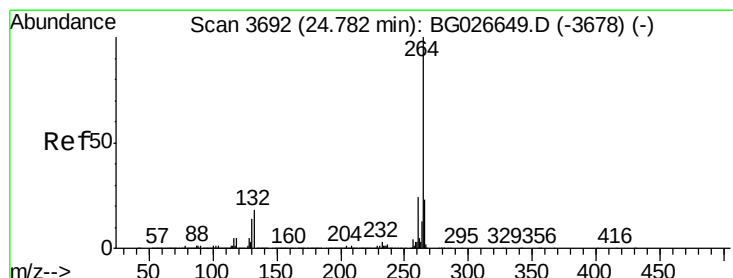
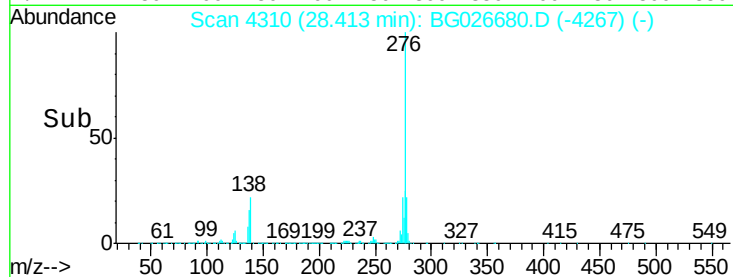
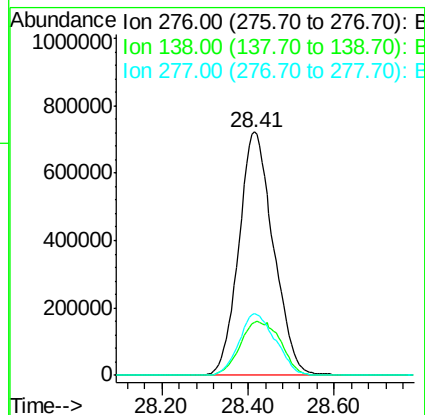
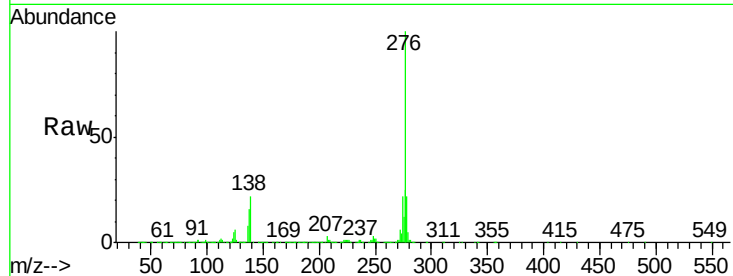
Tot Ion:276 Resp: 4076281

Ion Ratio Lower Upper

276 100

138 25.9 4.7 7.1#

277 26.7 20.6 31.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.03 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

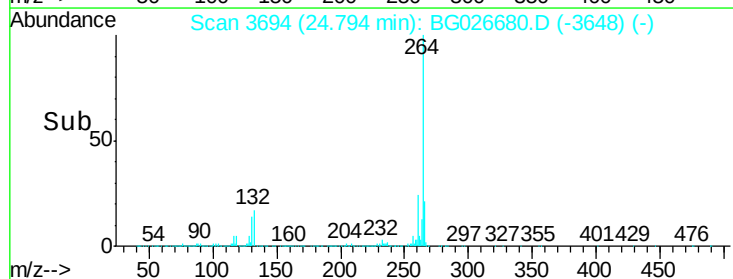
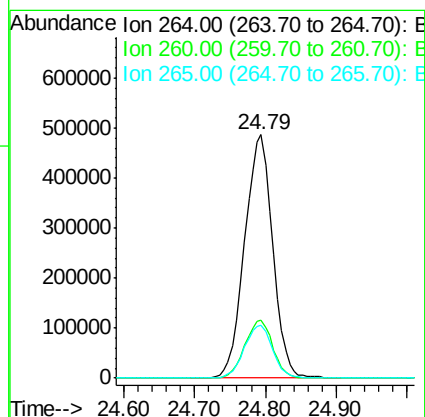
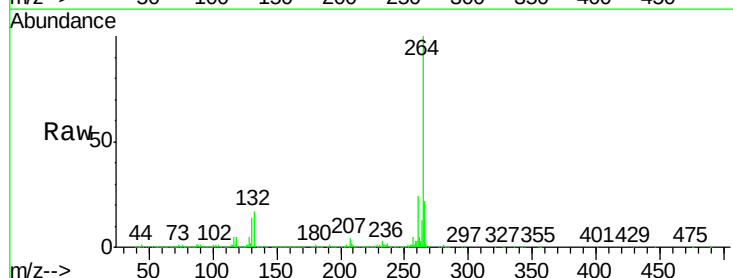
Tgt Ion:264 Resp: 1344635

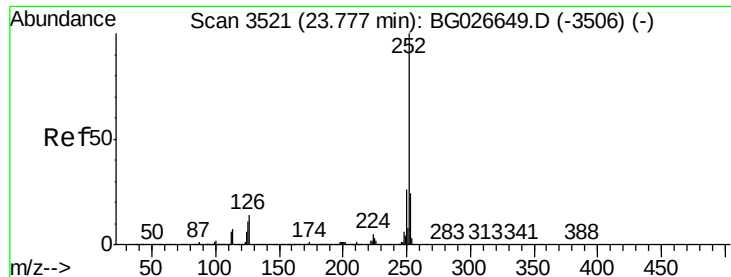
Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 21.5 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 43.30 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

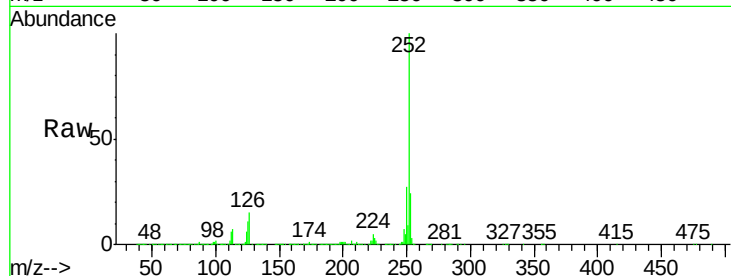
Tot Ion:252 Resp: 3333916

Ion Ratio Lower Upper

252 100

253 24.4 18.7 28.1

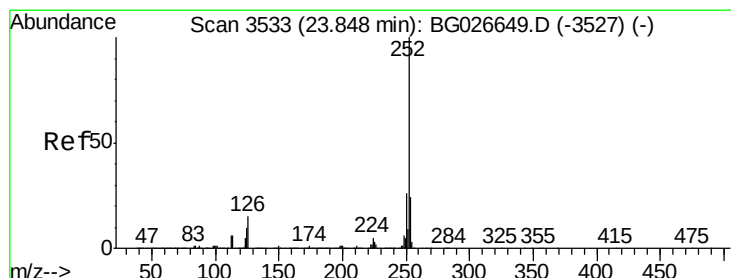
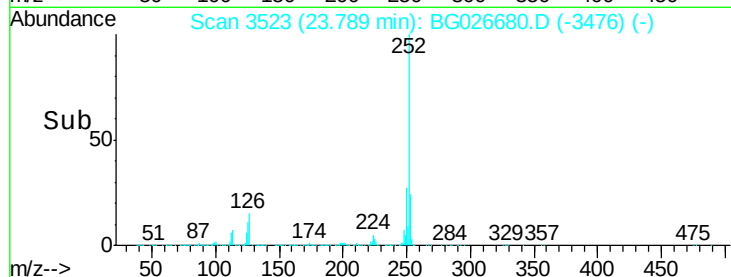
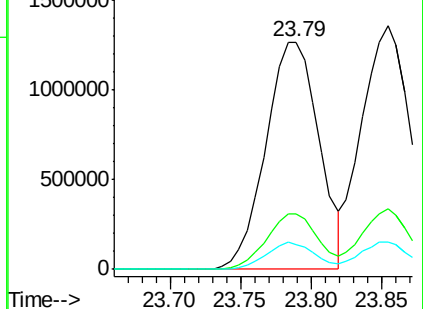
125 11.1 5.3 7.9#



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: 43.93 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

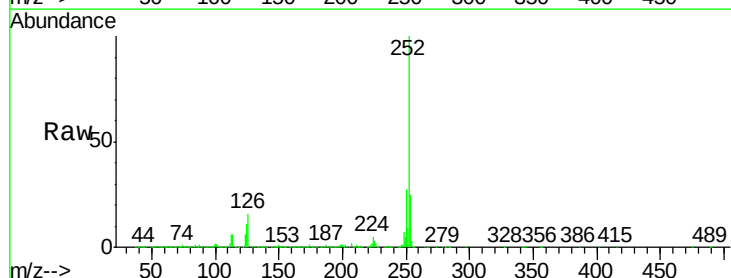
Tgt Ion:252 Resp: 3259860

Ion Ratio Lower Upper

252 100

253 25.0 20.2 30.2

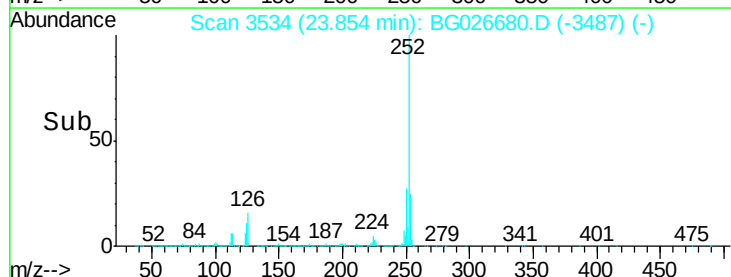
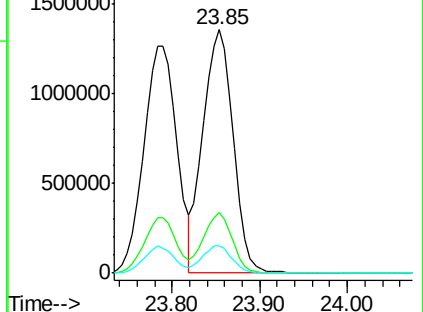
125 11.3 5.1 7.7#

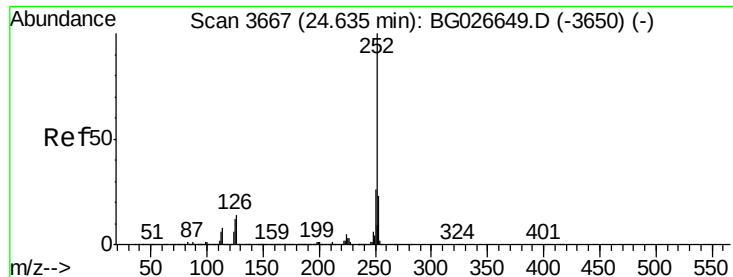


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.67 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.03 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB98380BS

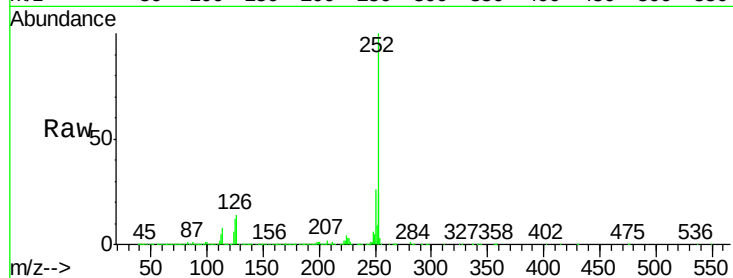
Tot Ion:252 Resp: 3245578

Ion Ratio Lower Upper

252 100

253 24.3 19.2 28.8

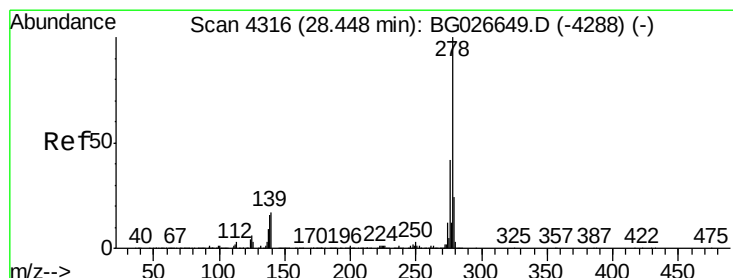
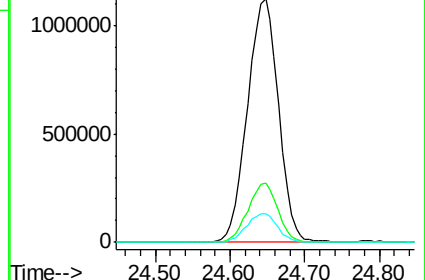
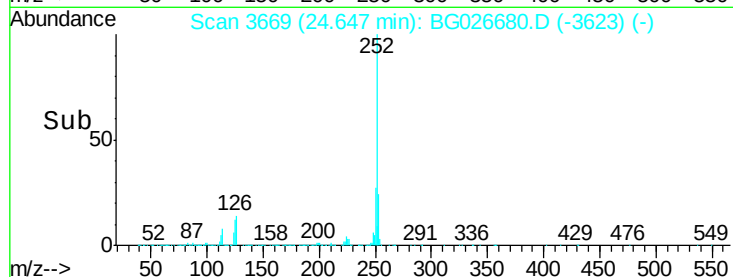
125 11.9 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.06 ng

RT: 28.47 min Scan# 4319

Delta R.T. -0.05 min

Lab File: BG026680.D

Acq: 20 Apr 2017 18:10

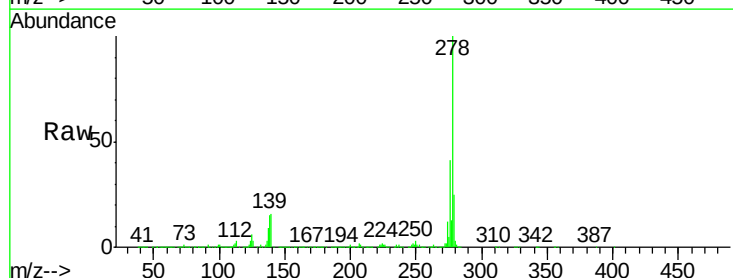
Tgt Ion:278 Resp: 3440285

Ion Ratio Lower Upper

278 100

139 16.4 7.7 11.5#

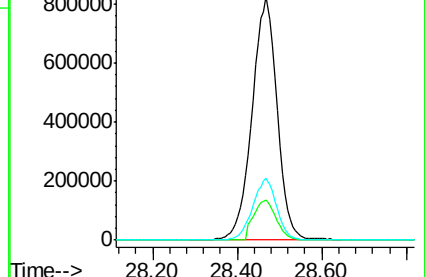
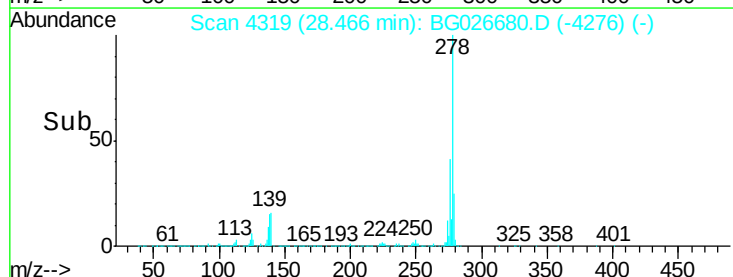
279 25.4 19.1 28.7

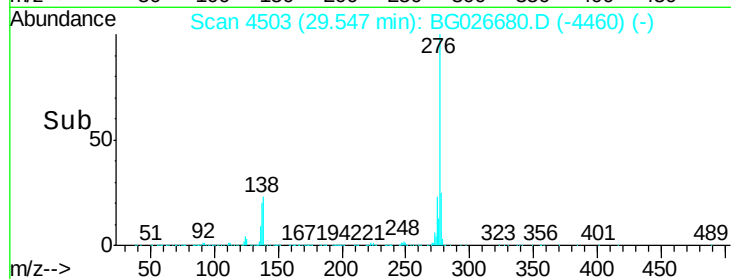
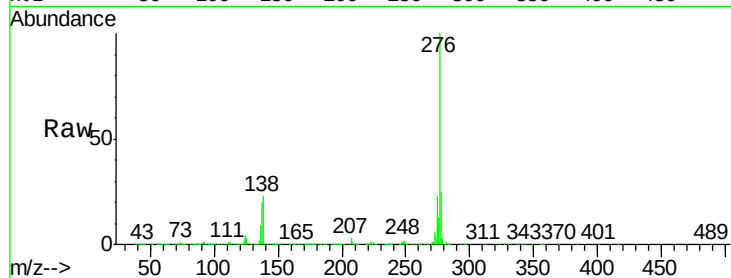
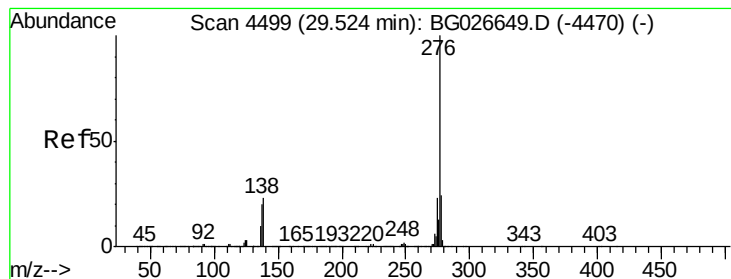


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 44.40 ng
 RT: 29.55 min Scan# 4503
 Delta R.T. -0.05 min
 Lab File: BG026680.D
 Acq: 20 Apr 2017 18:10

Instrument :
 BNA_G
 ClientSampleId :
 PB98380BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	27.8
138	22.7	8.1	12.1

