

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070317\
 Data File : BG027845.D
 Acq On : 3 Jul 2017 23:30
 Operator : SJ/JU
 Sample : I4007-06MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 04 05:51:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	29741	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	149921	20.00	ng	-0.03
38) Acenaphthene-d10	15.04	164	100739	20.00	ng	-0.03
63) Phenanthrene-d10	17.79	188	244681	20.00	ng	-0.03
75) Chrysene-d12	22.15	240	270013	20.00	ng	-0.03
86) Perylene-d12	25.73	264	264500	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	303380	157.08	ng	-0.03
7) Phenol-d6	7.60	99	439429	148.93	ng	-0.01
23) Nitrobenzene-d5	9.62	82	259475	96.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	274896	198.95	ng	-0.02
44) 2-Fluorobiphenyl	13.66	172	716718	101.61	ng	-0.03
78) Terphenyl-d14	20.37	244	1139690	98.95	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	4.01	88	25349	35.25	ng	95
3) Pyridine	4.40	79	75672	34.18	ng	92
4) n-Nitrosodimethylamine	4.30	42	47784	44.01	ng	# 82
6) Aniline	7.79	93	95331	27.87	ng	97
8) 2-Chlorophenol	8.02	128	117805	54.59	ng	90
9) Benzaldehyde	7.60	77	40076	22.83	ng	# 79
10) Phenol	7.62	94	172159	58.98	ng	86
11) bis(2-Chloroethyl)ether	7.86	93	128281	57.85	ng	89
12) 1,3-Dichlorobenzene	8.34	146	106339	46.32	ng	# 89
13) 1,4-Dichlorobenzene	8.49	146	112961	47.49	ng	92
14) 1,2-Dichlorobenzene	8.81	146	108406	47.00	ng	91
15) Benzyl Alcohol	8.68	79	57553	28.20	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.96	45	192966	40.80	ng	99
17) 2-Methylphenol	8.88	107	105378	51.03	ng	# 86
18) Hexachloroethane	9.54	117	36696	43.86	ng	87
19) n-Nitroso-di-n-propylamine	9.25	70	90389	42.11	ng	# 97
20) 3+4-Methylphenols	9.21	107	149529	50.21	ng	91
22) Acetophenone	9.27	105	172932	47.80	ng	90
24) Nitrobenzene	9.66	77	132261	47.04	ng	# 83
25) Isophorone	10.17	82	266640	45.48	ng	# 94
26) 2-Nitrophenol	10.37	139	68164	53.67	ng	# 82
27) 2,4-Dimethylphenol	10.42	122	132956	55.89	ng	93
28) bis(2-Chloroethoxy)methane	10.64	93	145709	43.84	ng	98
29) 2,4-Dichlorophenol	10.91	162	125732	60.31	ng	94
30) 1,2,4-Trichlorobenzene	11.13	180	111833	52.60	ng	98
31) Naphthalene	11.32	128	373668	46.87	ng	99
32) Benzoic acid	10.42	122	132956	83.42	ng	# 5
33) 4-Chloroaniline	11.47	127	63450	18.42	ng	# 90
34) Hexachlorobutadiene	11.59	225	67298	56.80	ng	98
35) Caprolactam	12.21	113	20496	19.55	ng	94
36) 4-Chloro-3-methylphenol	12.51	107	153339	52.27	ng	88
37) 2-Methylnaphthalene	12.89	142	292428	49.24	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	143940	54.37	ng	97
40) Hexachlorocyclopentadiene	13.23	237	175031	140.24	ng	94

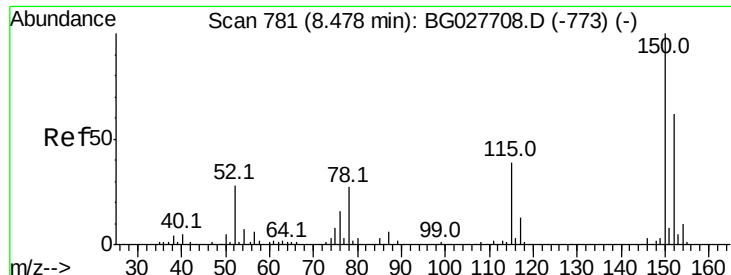
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070317\
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.48	196	109250	57.14	nq	92
43) 2,4,5-Trichlorophenol	13.56	196	117176	54.09	nq	96
45) 1,1'-Biphenyl	13.88	154	398354	49.33	nq	97
46) 2-Chloronaphthalene	13.93	162	299285	49.07	nq	97
47) 2-Nitroaniline	14.13	65	113556	46.51	nq	# 82
48) Acenaphthylene	14.77	152	510989	45.85	nq	97
49) Dimethylphthalate	14.49	163	545962	63.53	nq	97
50) 2,6-Dinitrotoluene	14.61	165	95308	51.02	nq	# 81
51) Acenaphthene	15.11	154	336365	47.09	nq	96
52) 3-Nitroaniline	14.96	138	77930	35.46	nq	# 77
53) 2,4-Dinitrophenol	15.15	184	47426	49.87	nq	93
54) Dibenzofuran	15.44	168	485091	51.35	nq	98
55) 4-Nitrophenol	15.25	139	151138	90.09	nq	# 62
56) 2,4-Dinitrotoluene	15.40	165	136750	52.48	nq	# 85
57) Fluorene	16.09	166	425794	46.49	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.66	232	107822	57.74	nq	91
59) Diethylphthalate	15.83	149	462662	48.62	nq	95
60) 4-Chlorophenyl-phenylether	16.07	204	208392	51.40	nq	96
61) 4-Nitroaniline	16.11	138	105848	46.23	nq	# 71
62) Azobenzene	16.36	77	382873	45.79	nq	92
64) 4,6-Dinitro-2-methylphenol	16.16	198	73311	48.02	nq	89
65) n-Nitrosodiphenylamine	16.29	169	388650	48.83	nq	97
66) 4-Bromophenyl-phenylether	16.97	248	144088	56.30	nq	93
67) Hexachlorobenzene	17.09	284	154205	56.90	nq	94
68) Atrazine	17.23	200	122852	48.89	nq	96
69) Pentachlorophenol	17.44	266	168074	95.81	nq	99
70) Phenanthrene	17.84	178	679642	48.11	nq	95
71) Anthracene	17.92	178	696223	48.81	nq	97
72) Carbazole	18.19	167	616017	43.85	nq	96
73) Di-n-butylphthalate	18.72	149	754545	48.88	nq	# 93
74) Fluoranthene	19.83	202	766161	49.63	nq	95
76) Benzidine	20.01	184	316853	49.21	nq	97
77) Pyrene	20.19	202	774570	45.71	nq	95
79) Butylbenzylphthalate	21.06	149	342882	44.93	nq	# 86
80) Benzo(a)anthracene	22.13	228	757724	46.42	nq	96
81) 3,3'-Dichlorobenzidine	22.03	252	240749	40.63	nq	# 99
82) Chrysene	22.20	228	702391	45.90	nq	95
83) Bis(2-ethylhexyl)phthalate	21.97	149	494856	44.37	nq	96
84) Di-n-octyl phthalate	23.31	149	835720	45.36	nq	# 89
85) Indeno(1,2,3-cd)pyrene	29.87	276	918255	52.51	nq	# 96
87) Benzo(b)fluoranthene	24.59	252	784344	46.03	nq	# 96
88) Benzo(k)fluoranthene	24.66	252	757561	44.97	nq	# 94
89) Benzo(a)pyrene	25.57	252	747737	46.76	nq	# 95
90) Dibenzo(a,h)anthracene	29.93	278	776613	47.94	nq	# 97
91) Benzo(g,h,i)perylene	31.17	276	740032	47.54	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.45 min Scan# 828

Delta R.T. -0.03 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampleId :

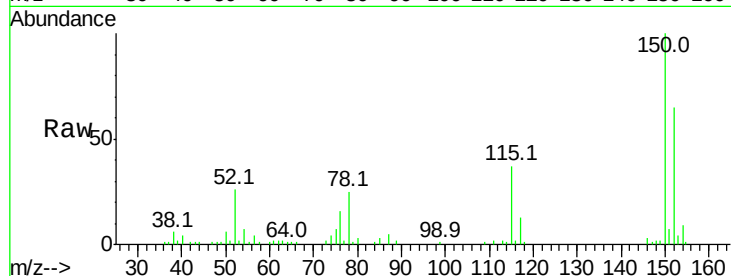
Tot Ion:152 Resp: 29741

Ion Ratio Lower Upper

152 100

150 154.8 114.0 171.0

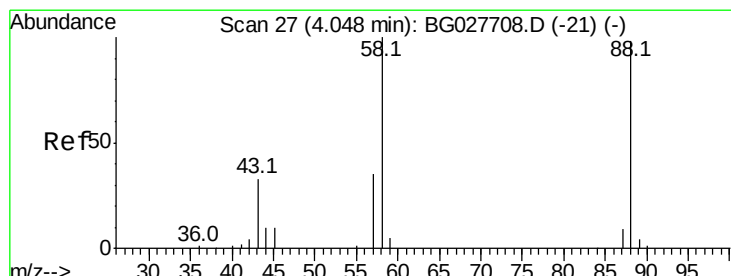
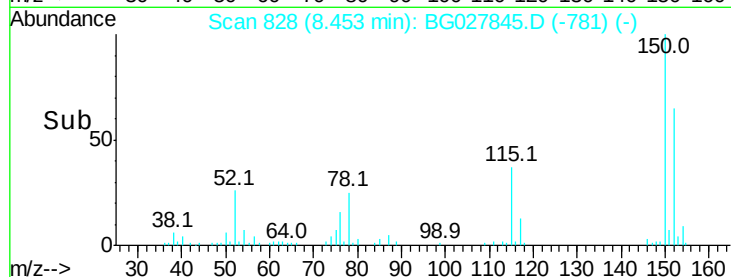
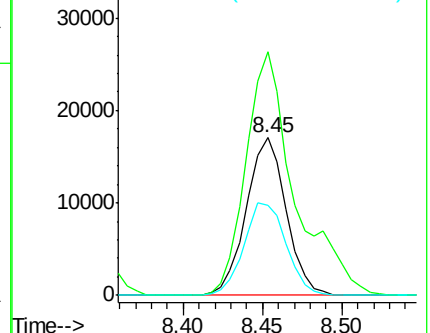
115 56.9 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.25 ng

RT: 4.01 min Scan# 72

Delta R.T. -0.04 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

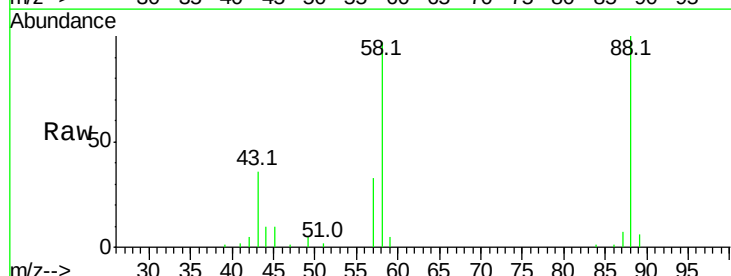
Tgt Ion: 88 Resp: 25349

Ion Ratio Lower Upper

88 100

58 106.4 79.4 119.2

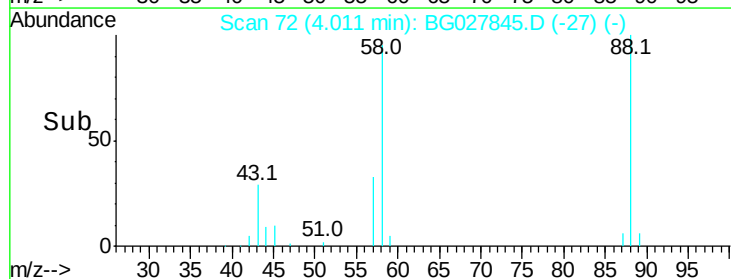
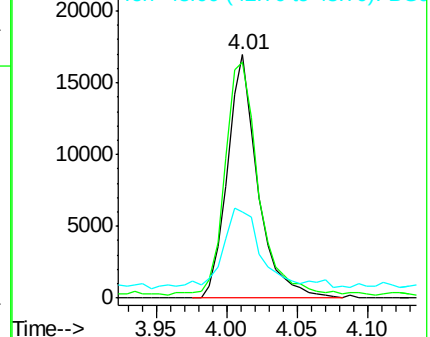
43 42.7 33.8 50.6

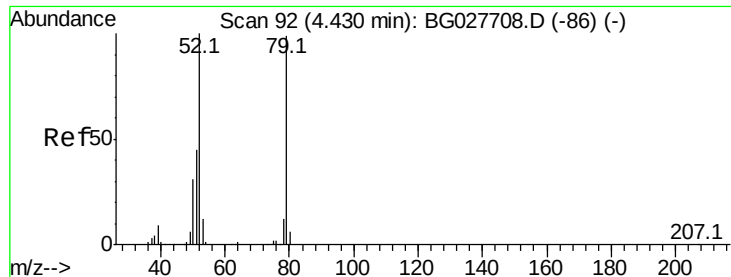


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.18 ng

RT: 4.40 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampleId :

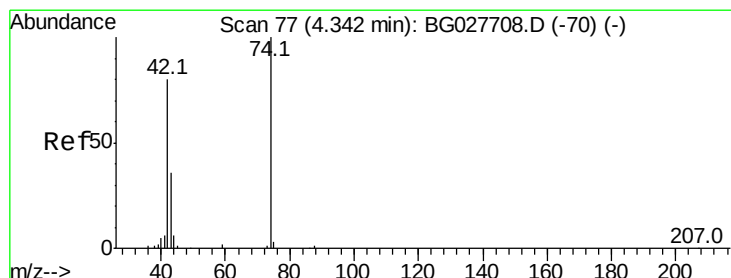
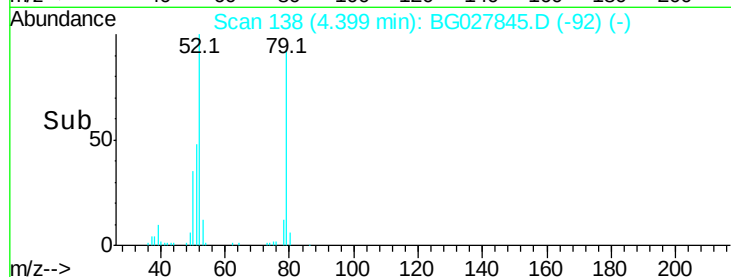
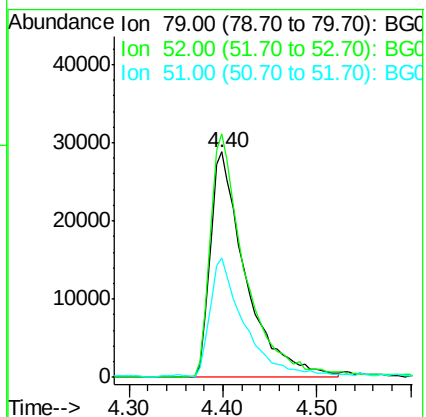
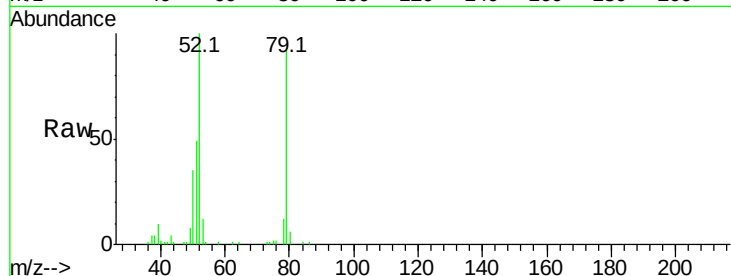
Tot Ion: 79 Resp: 75672

Ion Ratio Lower Upper

79 100

52 108.2 77.8 116.6

51 52.9 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 44.01 ng

RT: 4.30 min Scan# 122

Delta R.T. -0.04 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

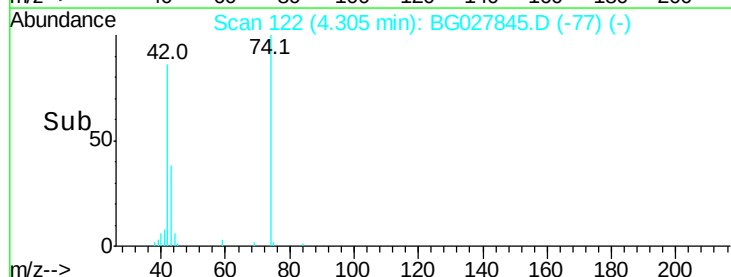
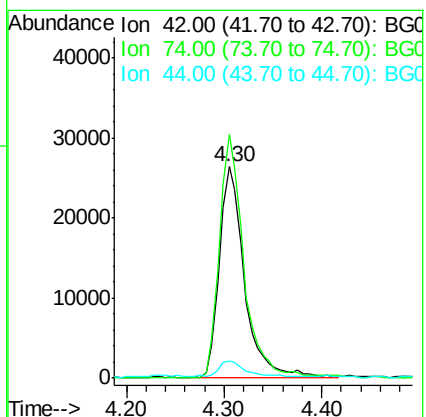
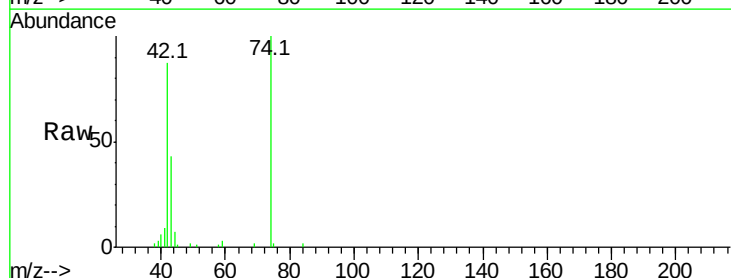
Tgt Ion: 42 Resp: 47784

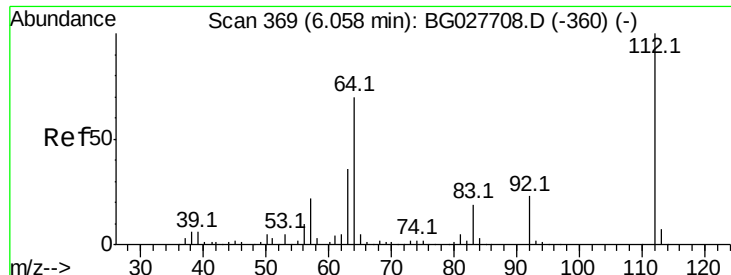
Ion Ratio Lower Upper

42 100

74 115.2 76.7 115.1#

44 7.8 6.1 9.1

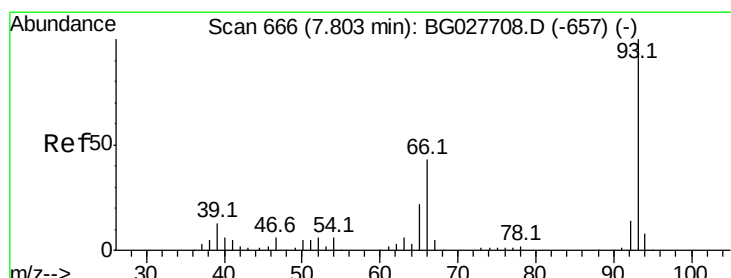
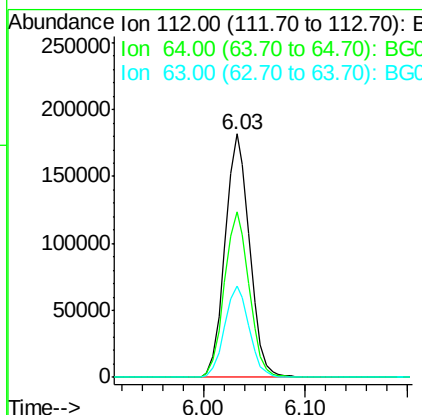
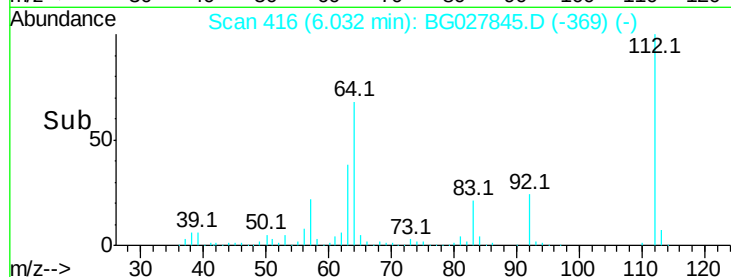
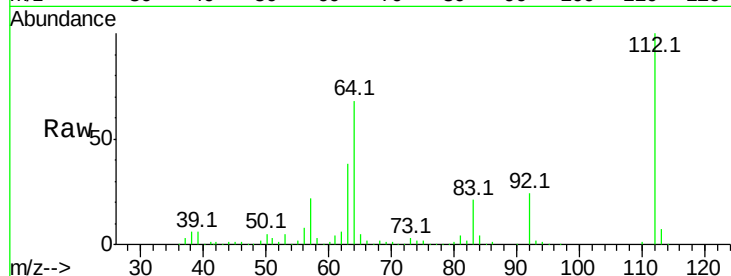




#5
 2-Fluorophenol
 Concen: 157.08 ng
 RT: 6.03 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

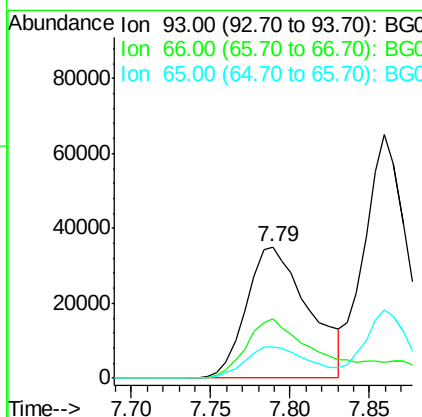
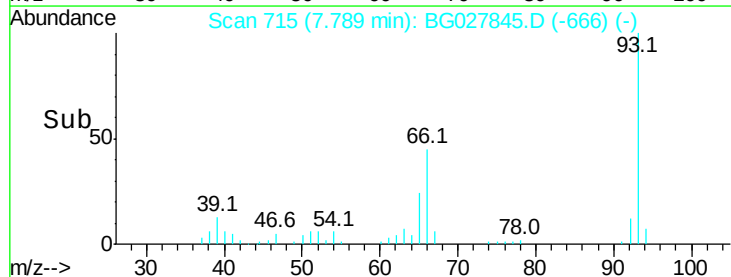
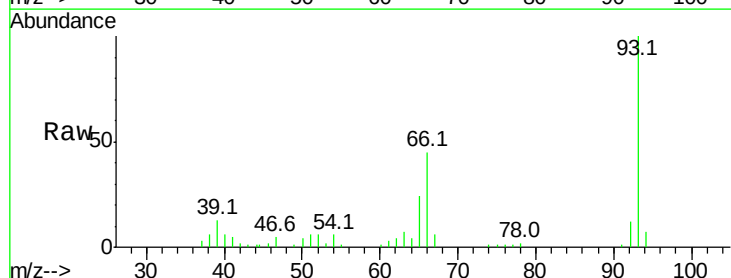
Instrument :
 BNA_G
 ClientSampled :

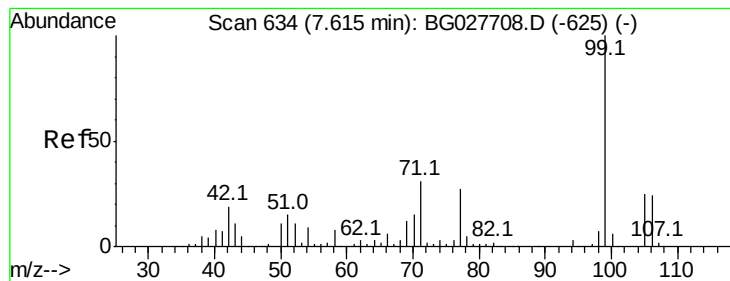
Tot Ion:	112	Resp:	303380
Ion	Ratio	Lower	Upper
112	100		
64	68.0	61.8	92.6
63	37.7	37.2	55.8



#6
 Aniline
 Concen: 27.87 ng
 RT: 7.79 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion:	93	Resp:	95331
Ion	Ratio	Lower	Upper
93	100		
66	45.5	35.4	53.2
65	24.0	21.2	31.8





#7

Phenol-d6

Concen: 148.93 ng

RT: 7.60 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampleId :

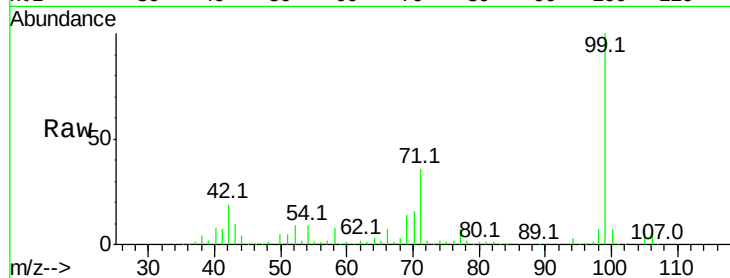
Tot Ion: 99 Resp: 439429

Ion Ratio Lower Upper

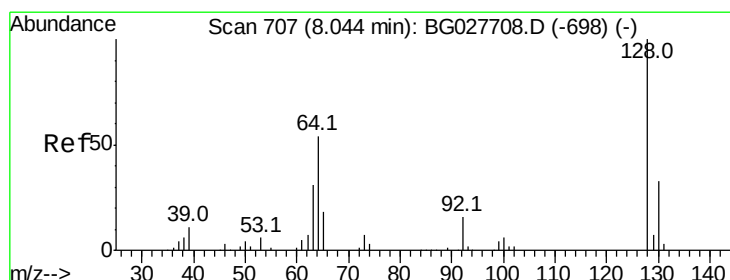
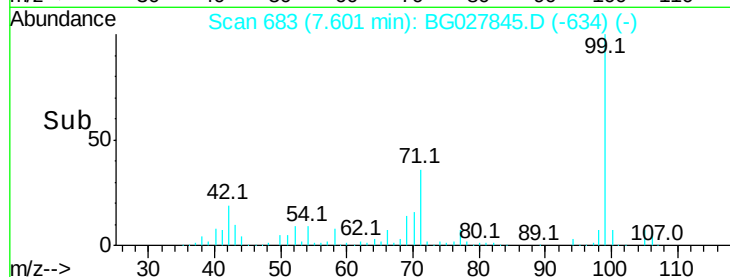
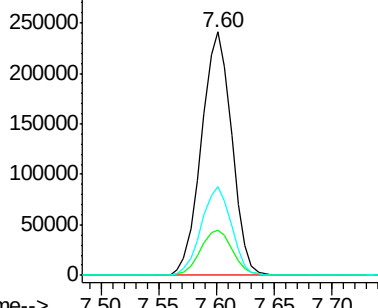
99 100

42 18.6 20.5 30.7#

71 36.2 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: 54.59 ng

RT: 8.02 min Scan# 754

Delta R.T. -0.03 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

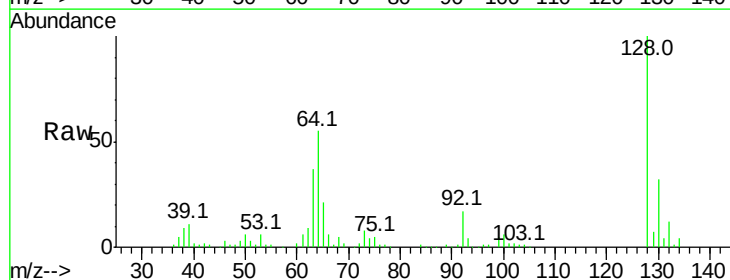
Tgt Ion:128 Resp: 117805

Ion Ratio Lower Upper

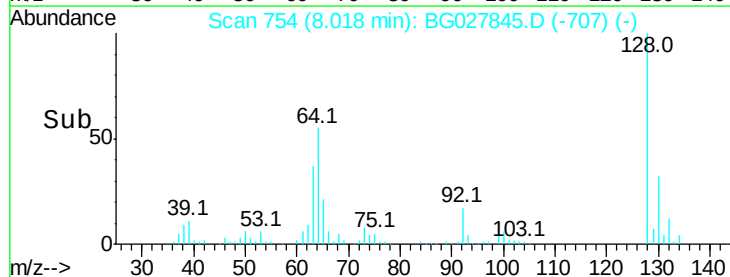
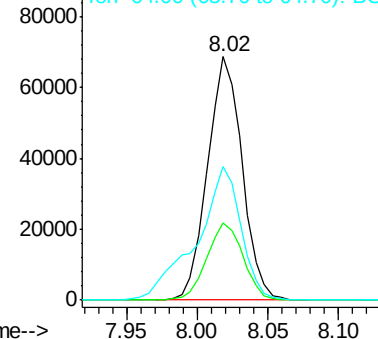
128 100

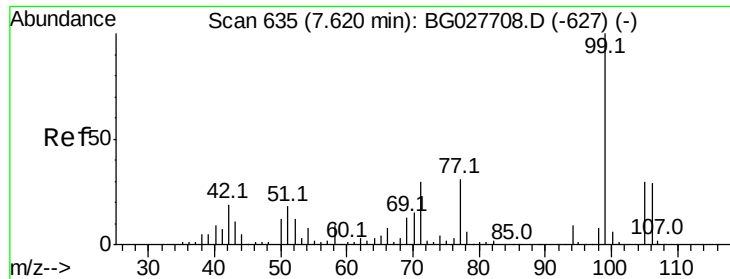
130 31.6 11.4 51.4

64 54.8 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: 22.83 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampled :

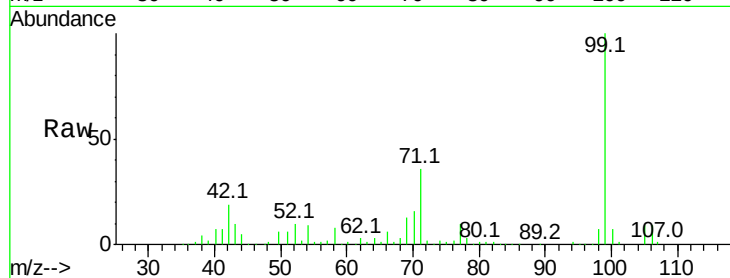
Tot Ion: 77 Resp: 40076

Ion Ratio Lower Upper

77 100

105 96.3 60.9 100.9

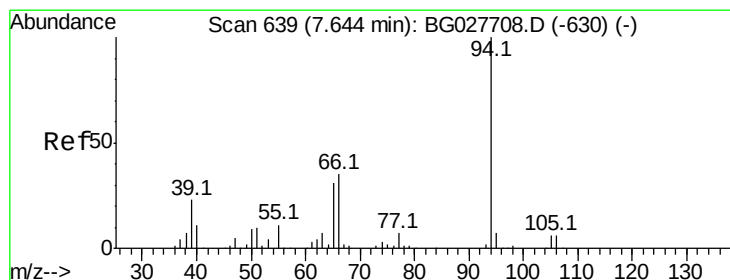
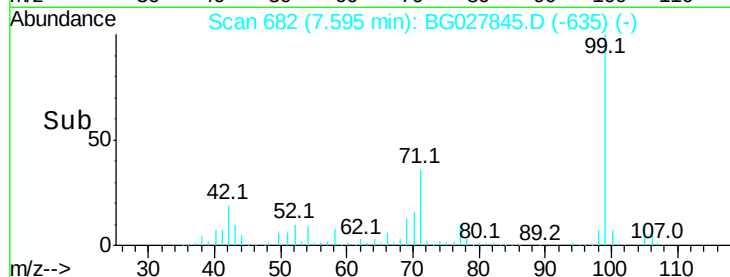
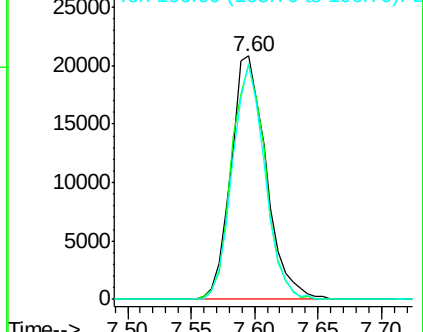
106 97.0 55.1 95.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 58.98 ng

RT: 7.62 min Scan# 687

Delta R.T. -0.02 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

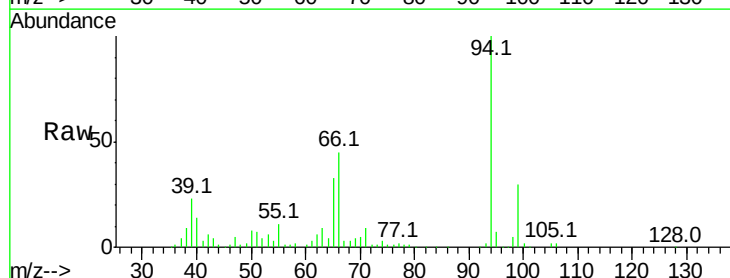
Tgt Ion: 94 Resp: 172159

Ion Ratio Lower Upper

94 100

65 32.9 20.6 60.6

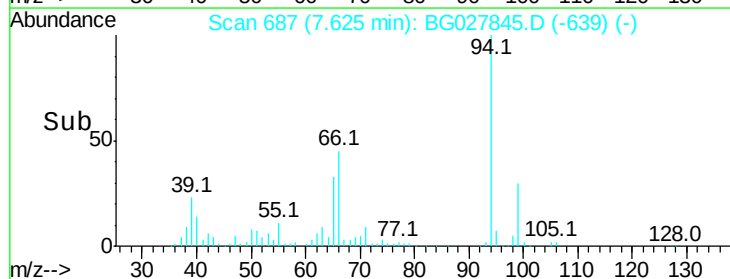
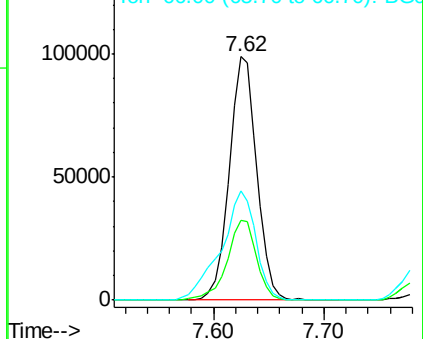
66 44.8 35.5 75.5

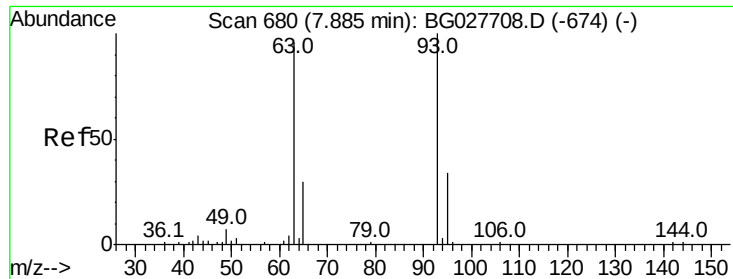


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 57.85 ng

RT: 7.86 min Scan# 727

Delta R.T. -0.03 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampled :

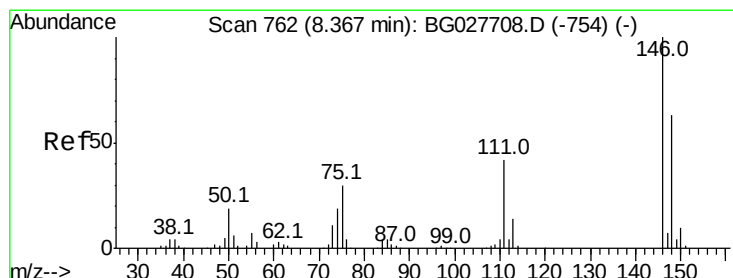
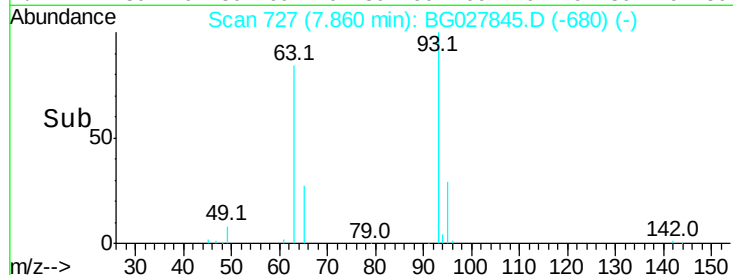
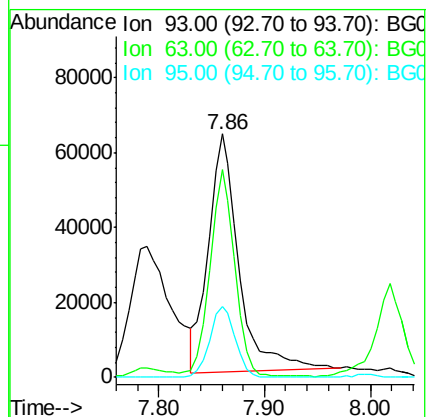
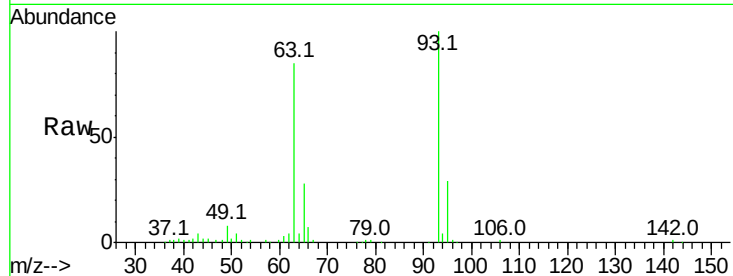
Tot Ion: 93 Resp: 128281

Ion Ratio Lower Upper

93 100

63 85.1 78.5 118.5

95 29.3 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 46.32 ng

RT: 8.34 min Scan# 809

Delta R.T. -0.03 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

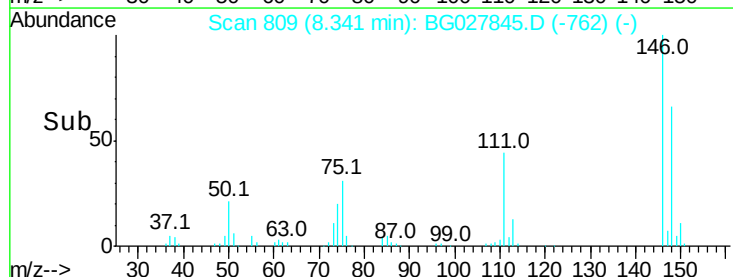
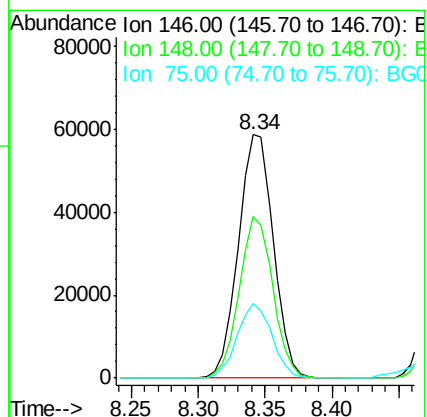
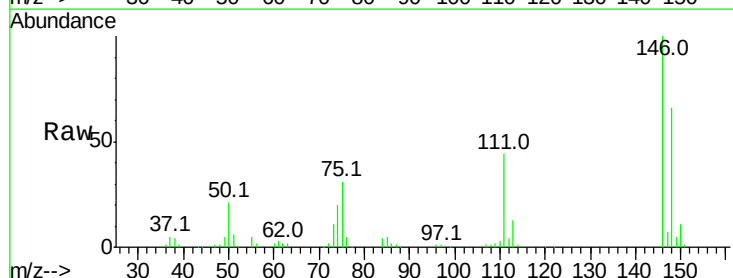
Tgt Ion: 146 Resp: 106339

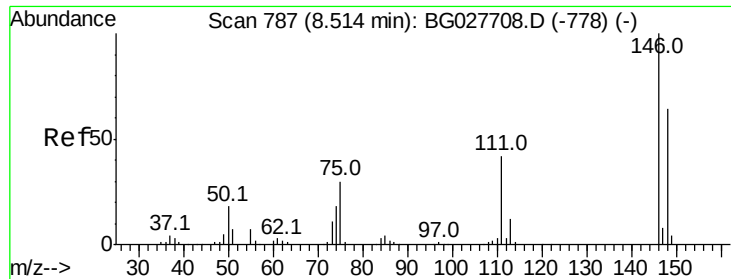
Ion Ratio Lower Upper

146 100

148 66.4 49.2 73.8

75 30.7 33.4 50.2#

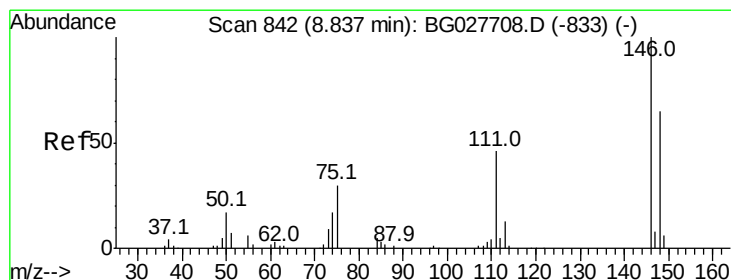
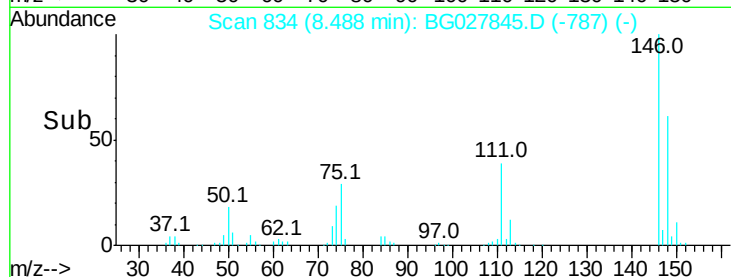
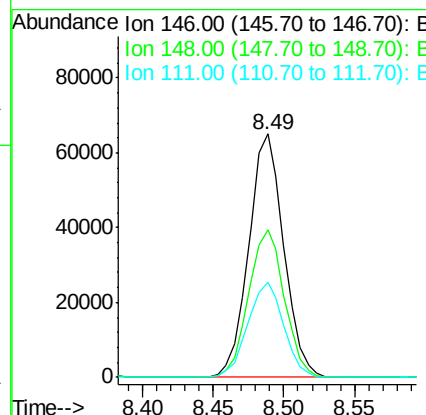
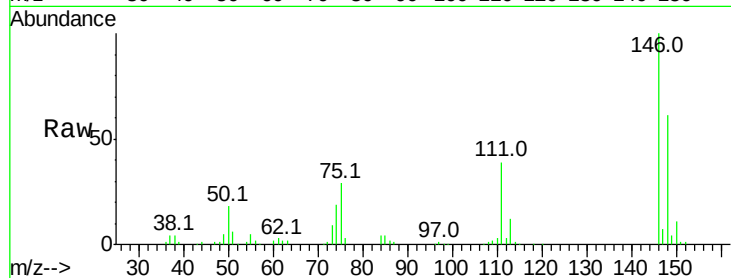




#13
 1,4-Dichlorobenzene
 Concen: 47.49 ng
 RT: 8.49 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

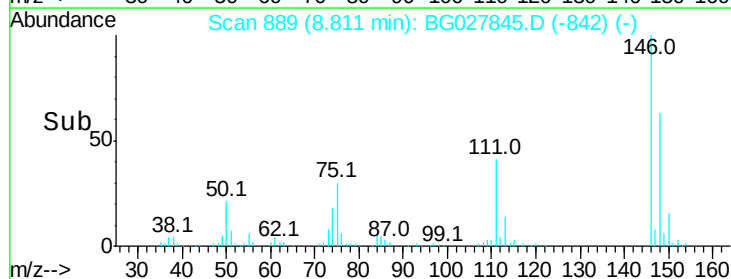
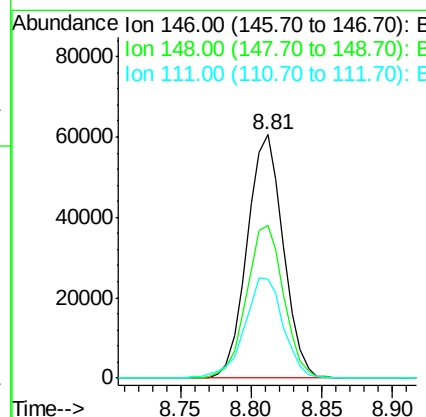
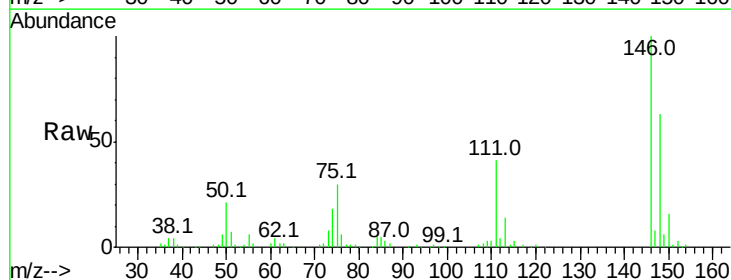
Instrument :
 BNA_G
 ClientSampleId :

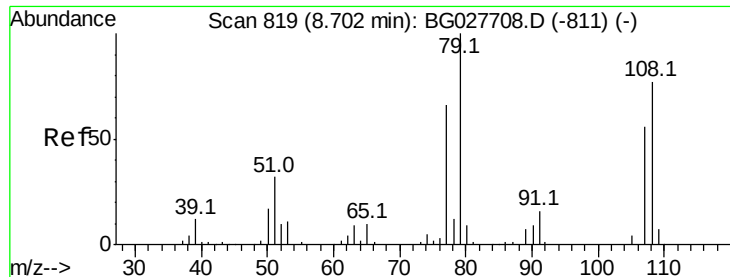
Tot Ion:146 Resp: 112961
 Ion Ratio Lower Upper
 146 100
 148 60.5 52.2 78.2
 111 39.2 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 47.00 ng
 RT: 8.81 min Scan# 889
 Delta R.T. -0.03 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion:146 Resp: 108406
 Ion Ratio Lower Upper
 146 100
 148 62.8 54.6 81.8
 111 40.6 39.7 59.5





#15

Benzyl Alcohol

Concen: 28.20 ng

RT: 8.68 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampled :

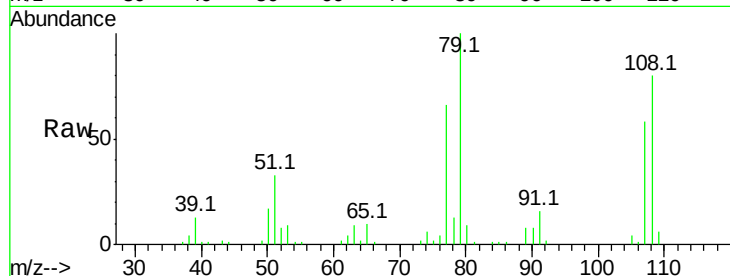
Tot Ion: 79 Resp: 57553

Ion Ratio Lower Upper

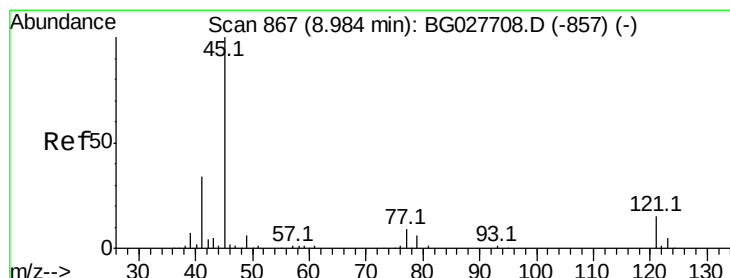
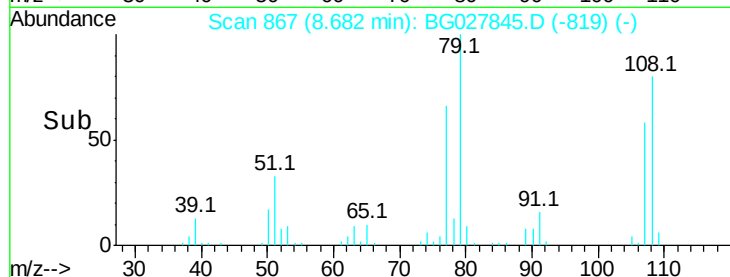
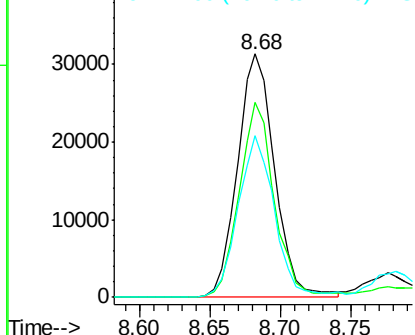
79 100

108 80.3 45.5 68.3#

77 66.2 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: 40.80 ng

RT: 8.96 min Scan# 914

Delta R.T. -0.03 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

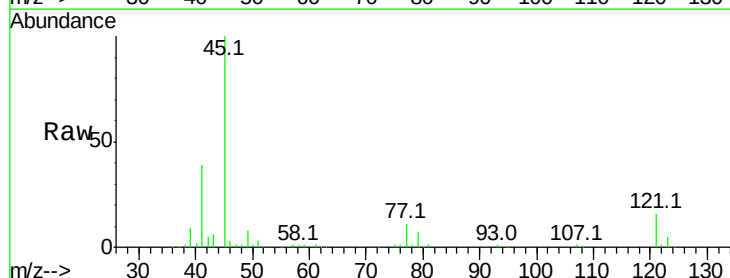
Tgt Ion: 45 Resp: 192966

Ion Ratio Lower Upper

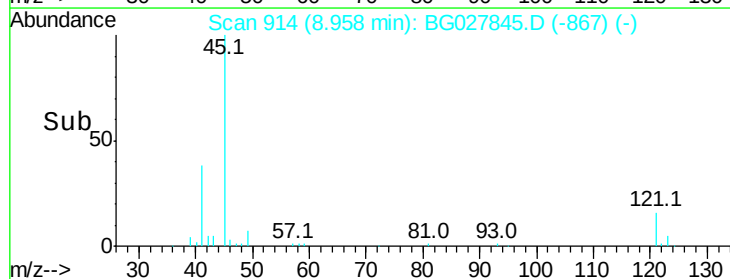
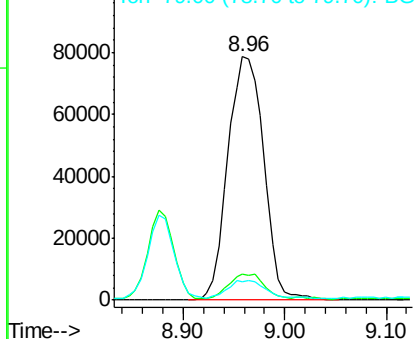
45 100

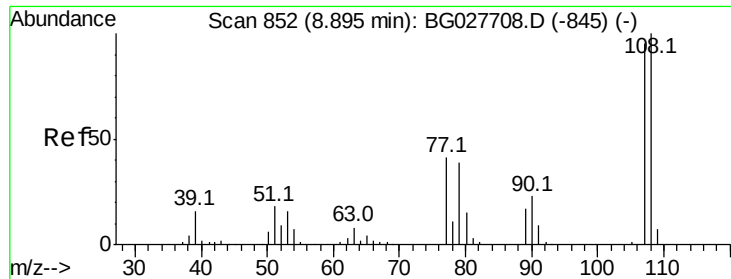
77 10.6 0.0 30.6

79 7.4 0.0 28.5



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

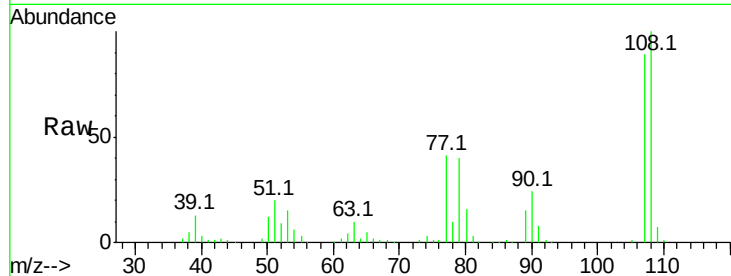




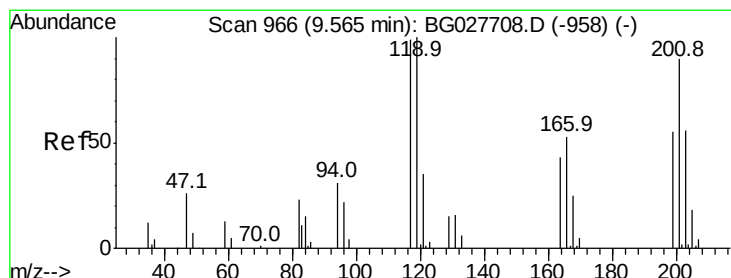
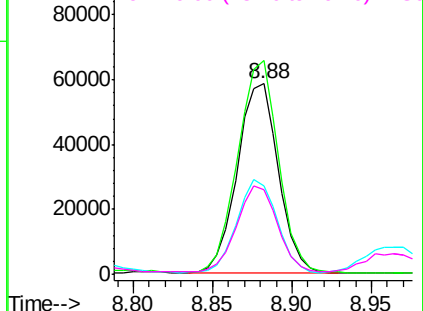
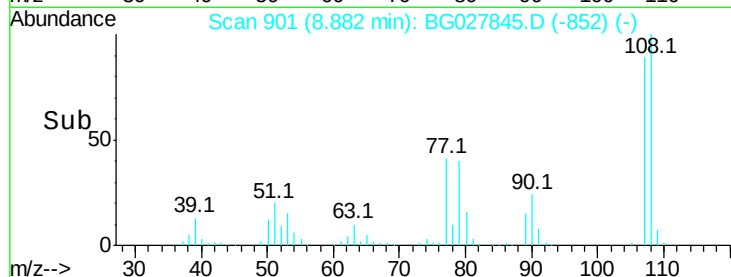
#17
2-Methylphenol
Concen: 51.03 ng
RT: 8.88 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 105378
Ion Ratio Lower Upper
107 100
108 112.0 85.6 128.4
77 46.2 51.4 77.2#
79 44.6 49.2 73.8#

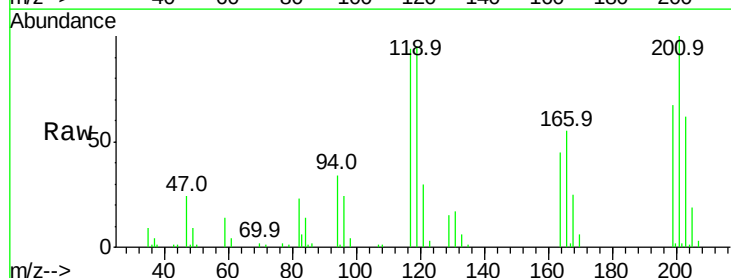


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

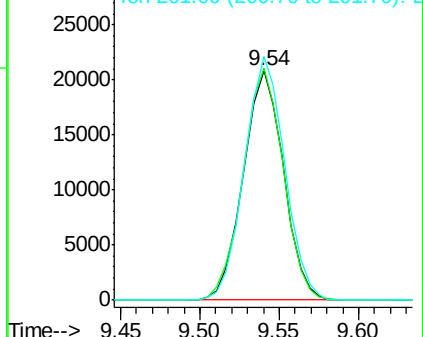
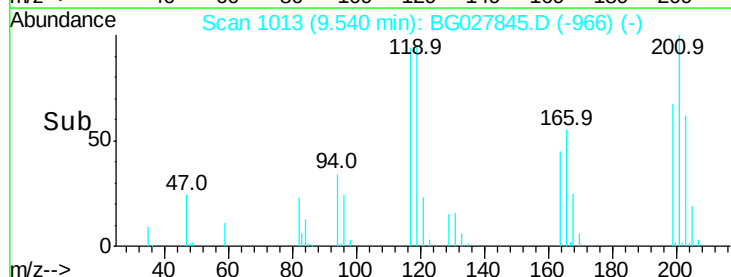


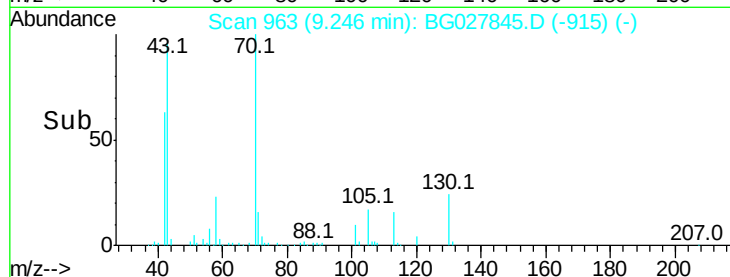
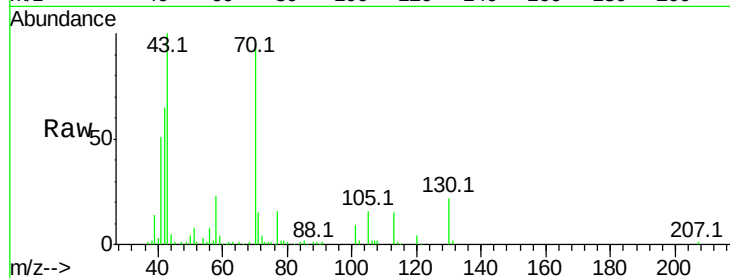
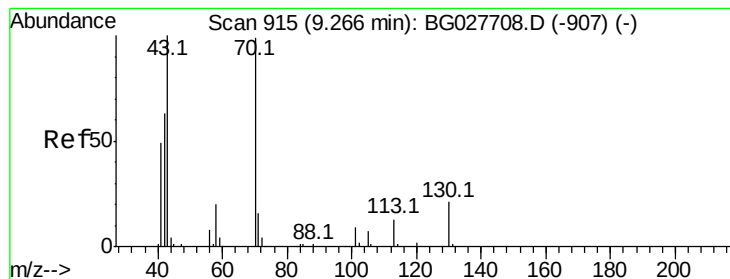
#18
Hexachloroethane
Concen: 43.86 ng
RT: 9.54 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Tgt Ion:117 Resp: 36696
Ion Ratio Lower Upper
117 100
119 101.3 69.8 104.6
201 106.2 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: 42.11 ng

RT: 9.25 min Scan# 963

Delta R.T. -0.02 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 90389

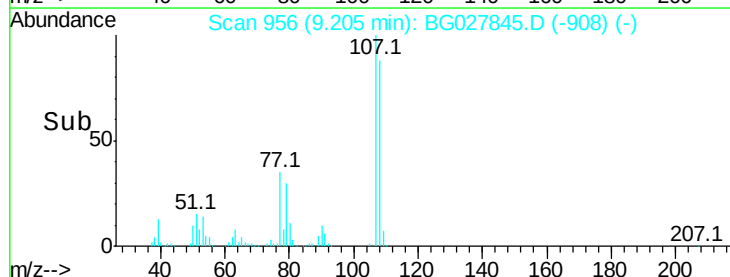
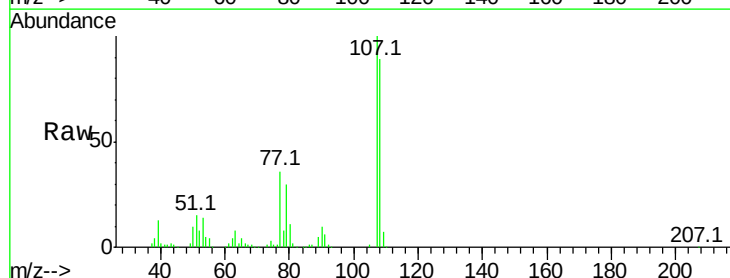
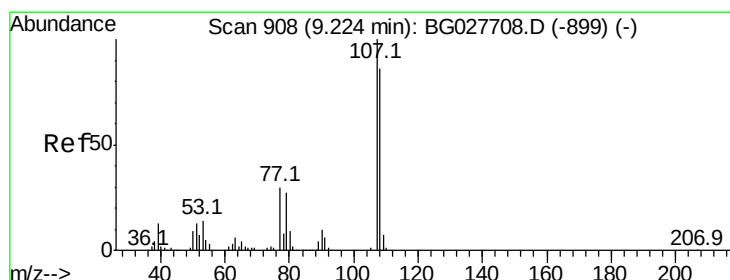
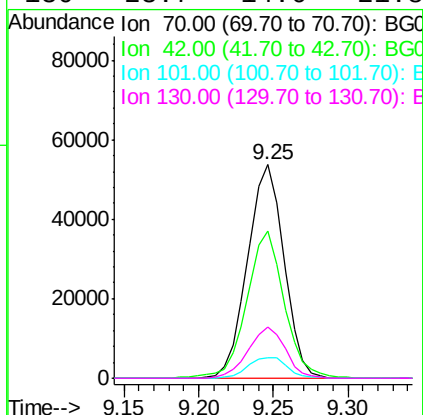
Ion Ratio Lower Upper

70 100

42 69.0 56.1 84.1

101 9.8 7.5 11.3

130 23.7 14.6 21.8#



#20

3+4-Methylphenols

Concen: 50.21 ng

RT: 9.21 min Scan# 956

Delta R.T. -0.02 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Tgt Ion: 107 Resp: 149529

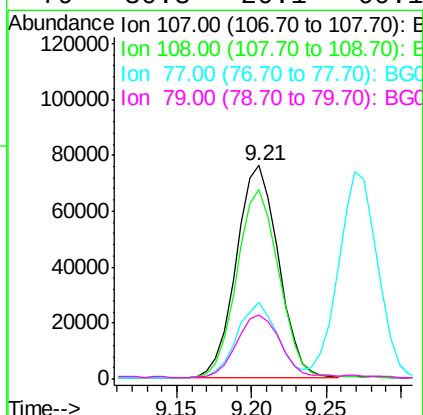
Ion Ratio Lower Upper

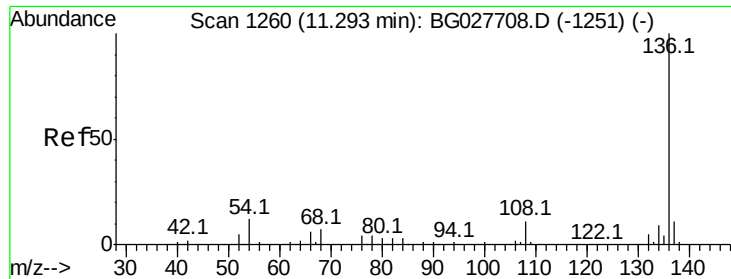
107 100

108 88.6 70.8 110.8

77 35.8 25.8 65.8

79 30.3 20.1 60.1

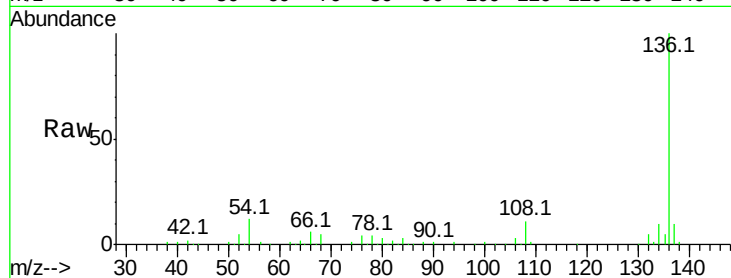




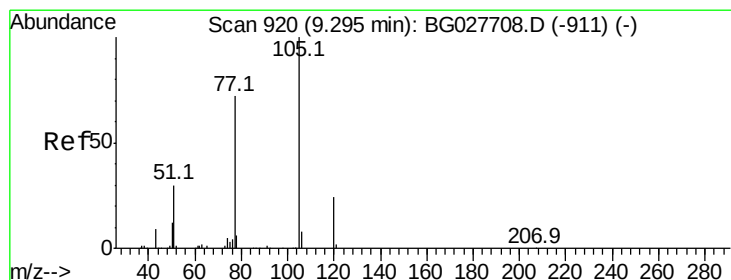
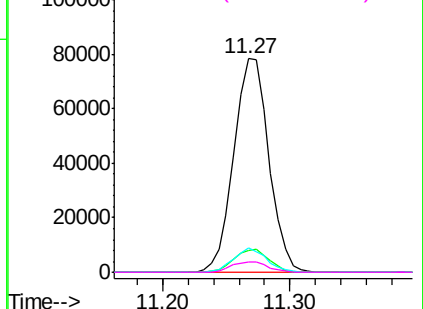
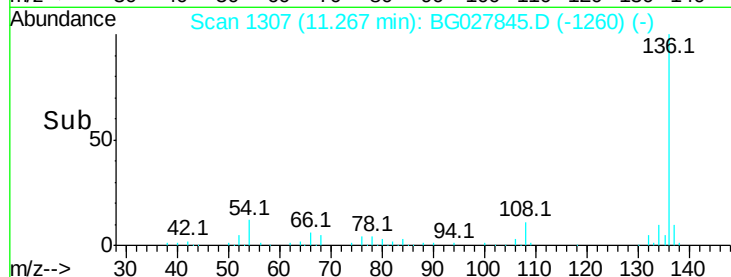
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.27 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	149921
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.9 13.3
54	11.7	9.3 13.9
68	4.9	5.1 7.7#

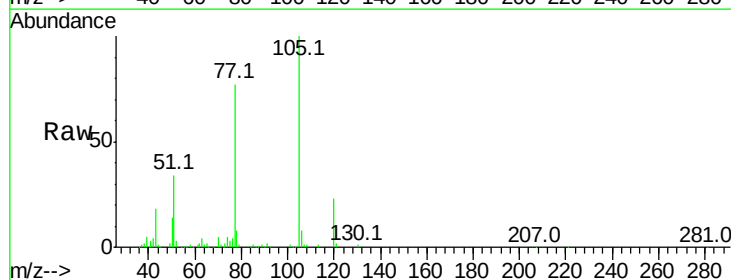


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

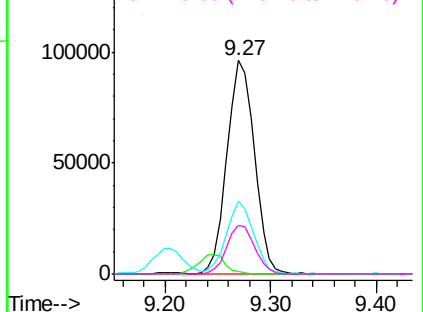
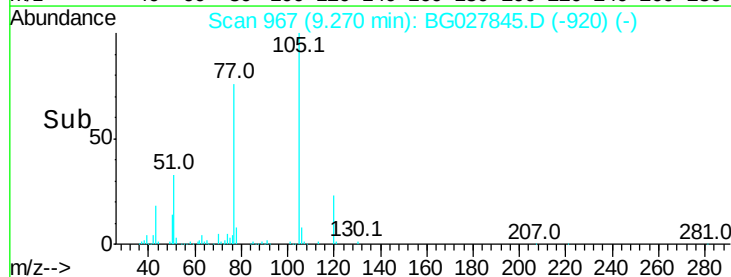


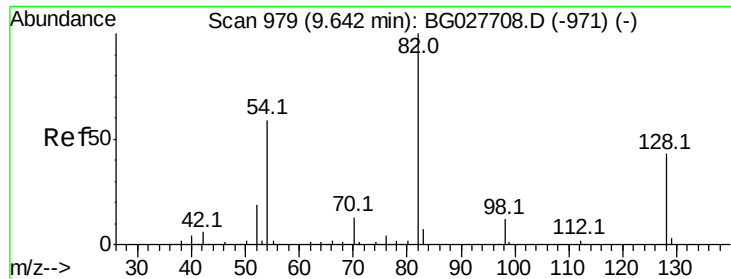
#22
Acetophenone
Concen: 47.80 ng
RT: 9.27 min Scan# 967
Delta R.T. -0.03 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Tgt Ion:105	Resp:	172932
Ion Ratio	Lower	Upper
105	100	
71	1.0	0.9 1.3
51	34.0	34.0 51.0
120	22.9	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

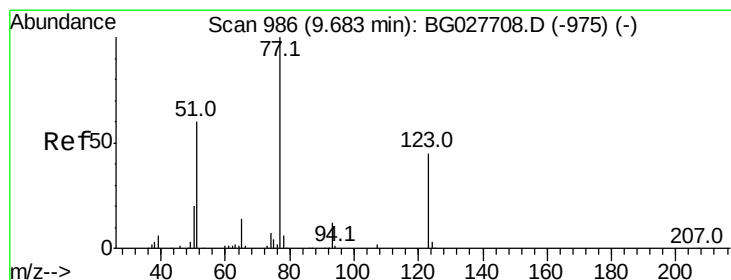
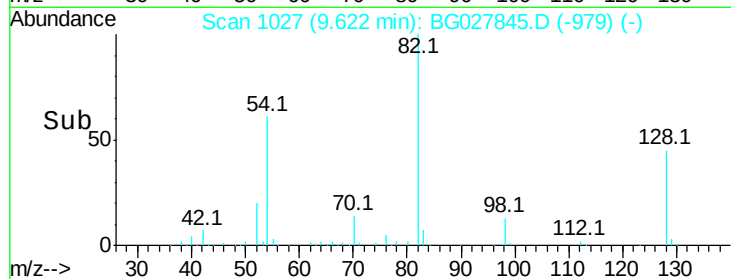
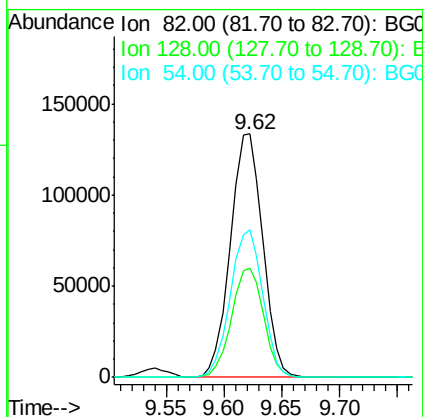
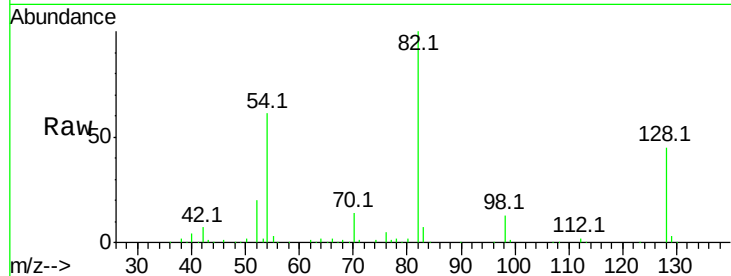




#23
 Nitrobenzene-d5
 Concen: 96.47 ng
 RT: 9.62 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

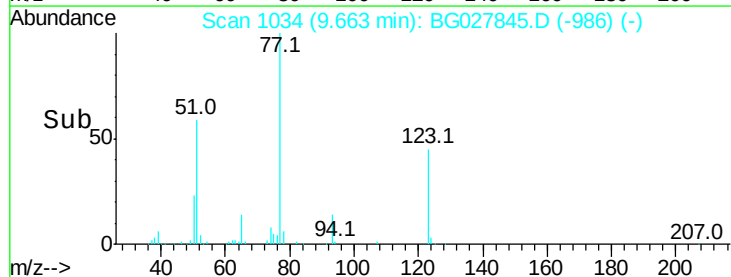
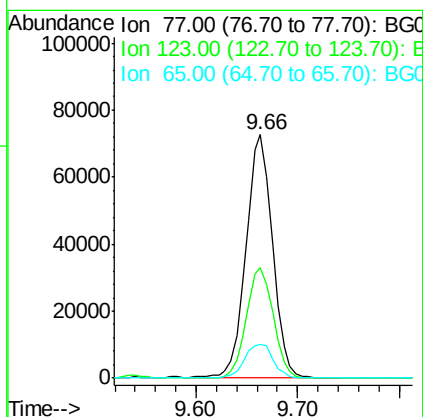
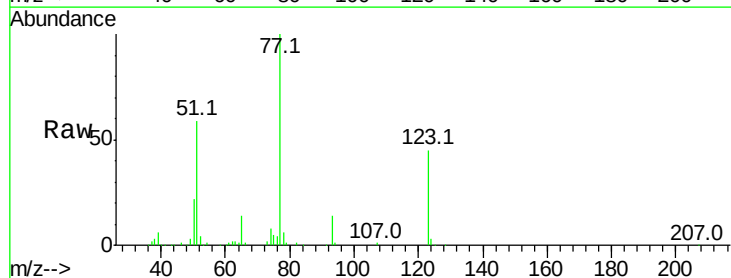
Instrument :
 BNA_G
 ClientSampled :

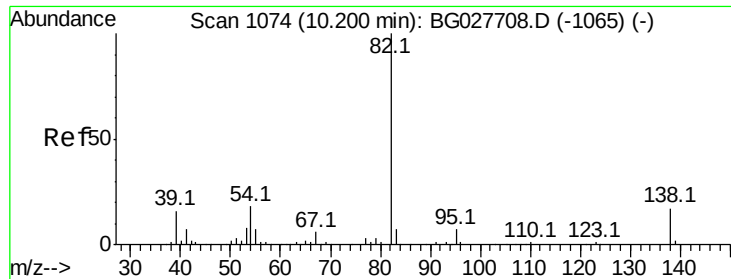
Tot Ion: 82 Resp: 259475
 Ion Ratio Lower Upper
 82 100
 128 44.8 26.4 39.6#
 54 60.8 49.4 74.2



#24
 Nitrobenzene
 Concen: 47.04 ng
 RT: 9.66 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion: 77 Resp: 132261
 Ion Ratio Lower Upper
 77 100
 123 45.2 26.1 39.1#
 65 13.7 12.4 18.6





#25

Isophorone

Concen: 45.48 ng

RT: 10.17 min Scan# 1121

Delta R.T. -0.03 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampleId :

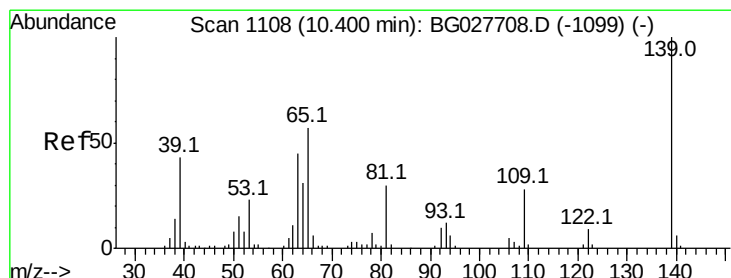
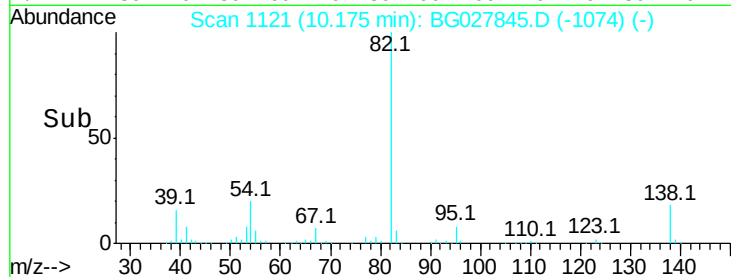
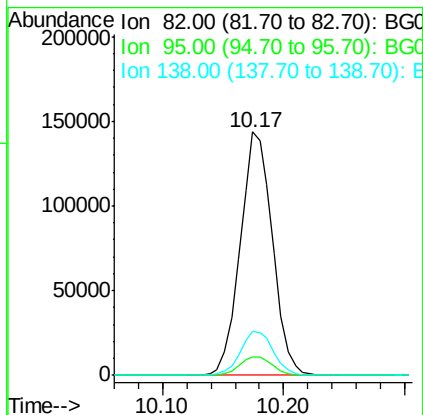
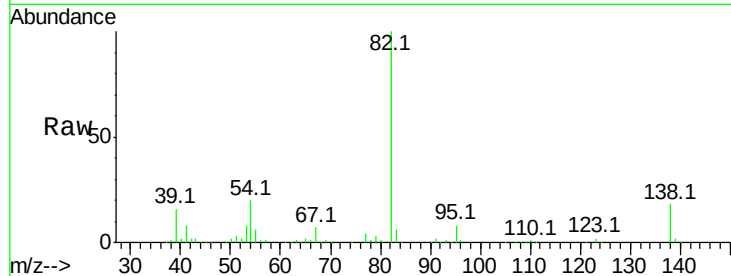
Tot Ion: 82 Resp: 266640

Ion Ratio Lower Upper

82 100

95 7.5 7.5 11.3#

138 17.9 12.3 18.5



#26

2-Nitrophenol

Concen: 53.67 ng

RT: 10.37 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

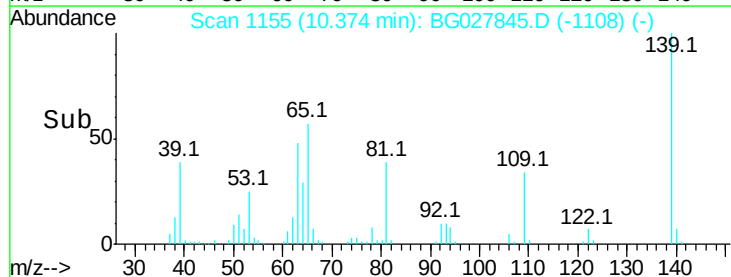
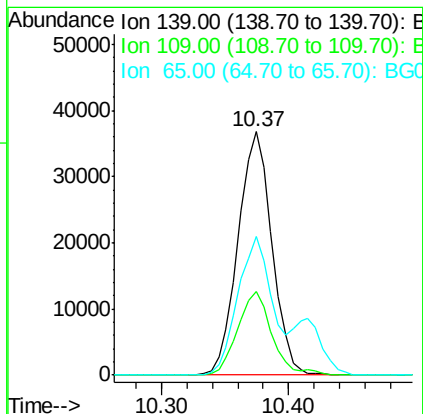
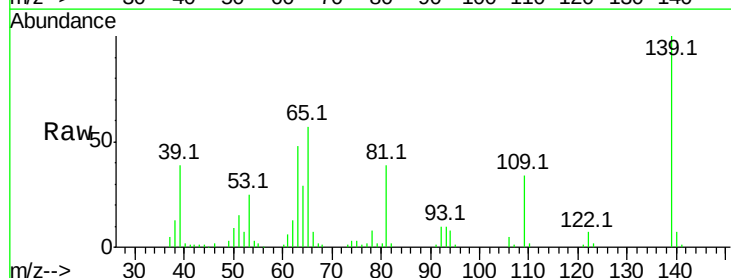
Tgt Ion: 139 Resp: 68164

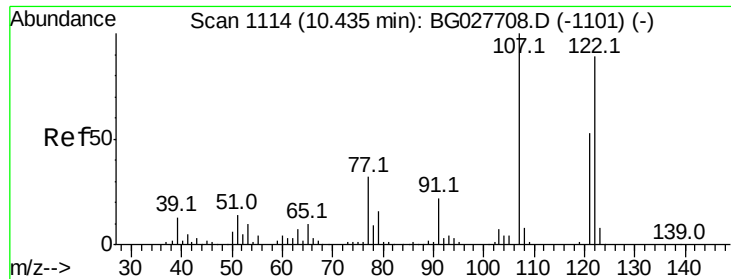
Ion Ratio Lower Upper

139 100

109 34.5 38.6 58.0#

65 57.2 57.1 85.7

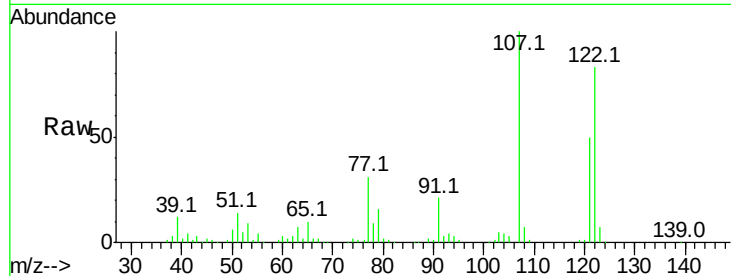




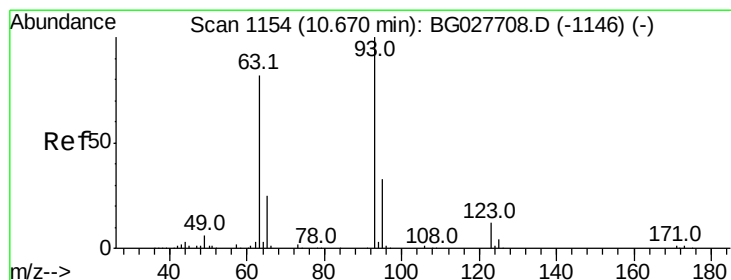
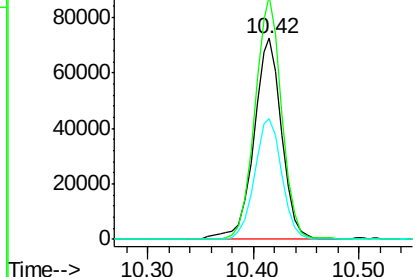
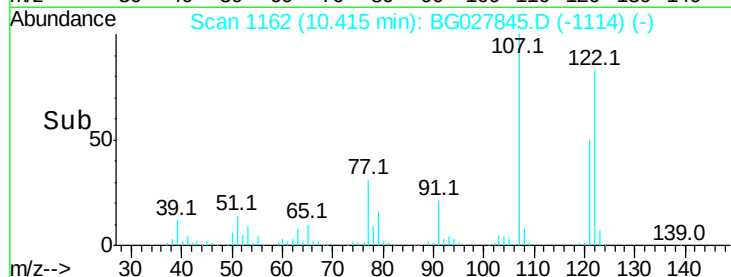
#27
 2,4-Dimethylphenol
 Concen: 55.89 ng
 RT: 10.42 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 132956
 Ion Ratio Lower Upper
 122 100
 107 121.0 104.2 156.4
 121 60.1 46.0 69.0

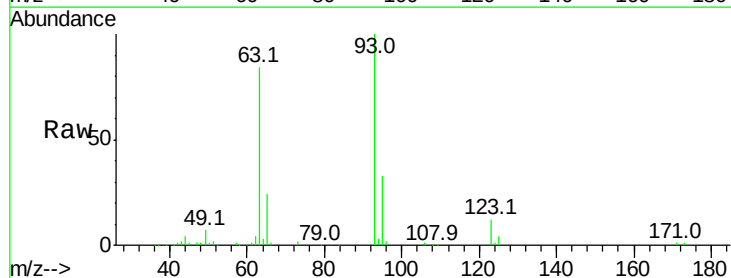


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

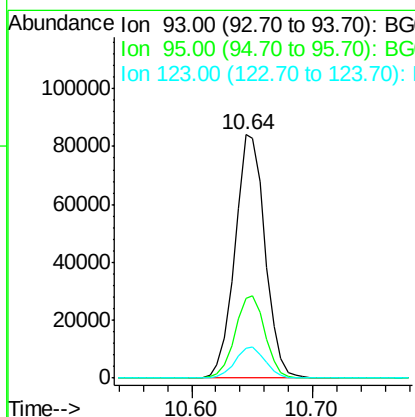
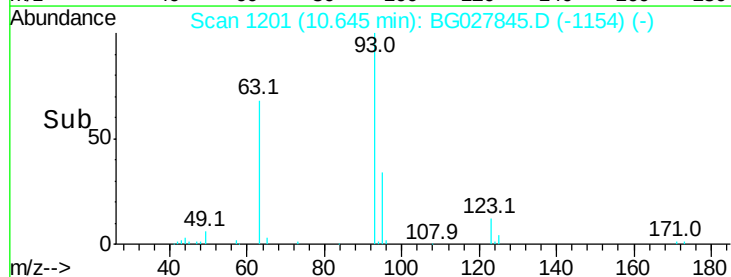


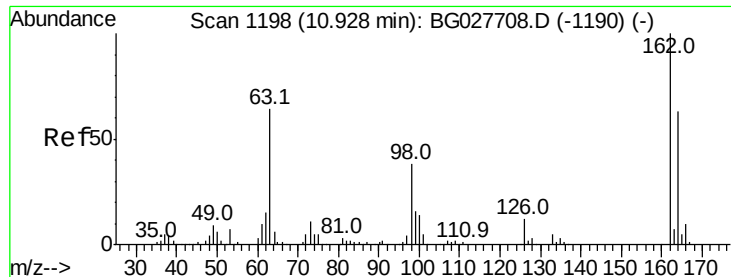
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.84 ng
 RT: 10.64 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion: 93 Resp: 145709
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.7 38.5
 123 12.3 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

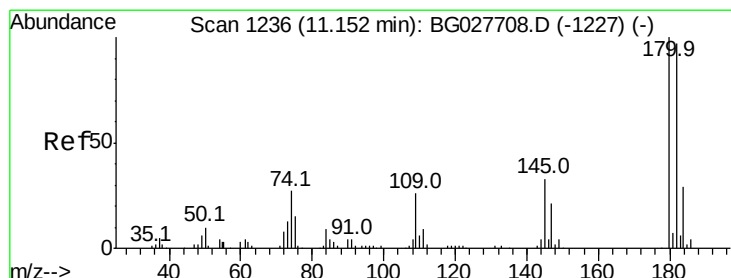
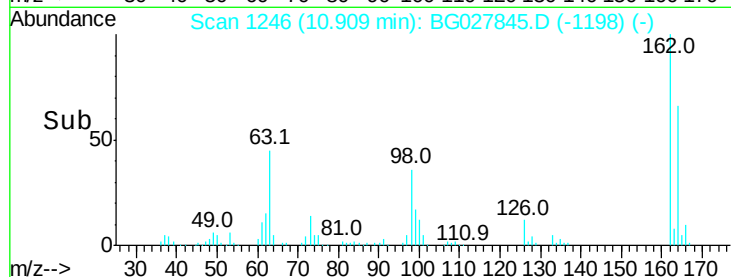
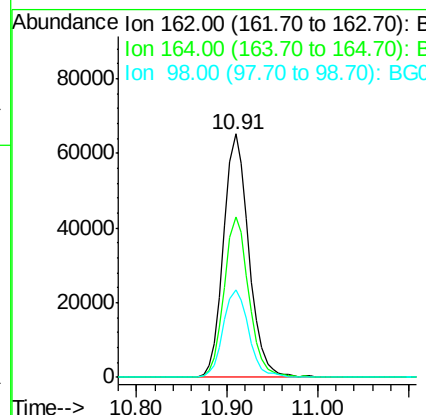
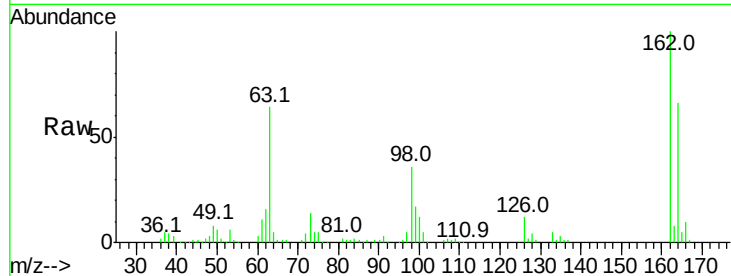




#29
 2,4-Dichlorophenol
 Concen: 60.31 ng
 RT: 10.91 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

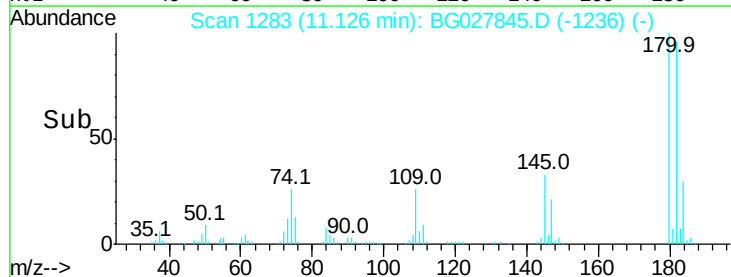
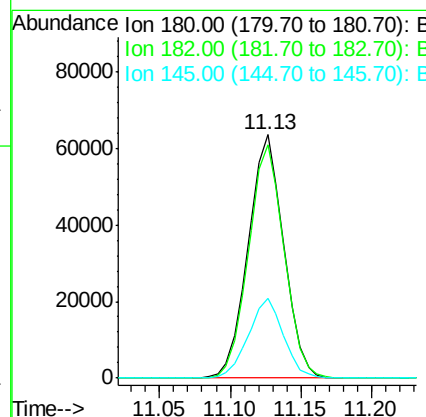
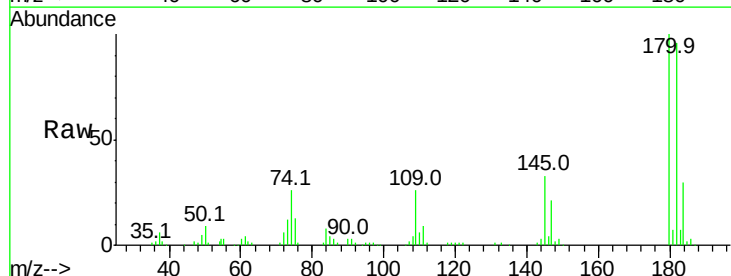
Instrument :
 BNA_G
 ClientSampled :

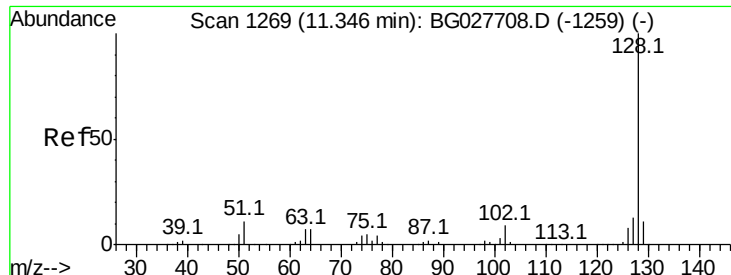
Tot Ion:162 Resp: 125732
 Ion Ratio Lower Upper
 162 100
 164 66.1 42.4 82.4
 98 35.7 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 52.60 ng
 RT: 11.13 min Scan# 1283
 Delta R.T. -0.03 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion:180 Resp: 111833
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.0 115.4
 145 32.9 23.4 35.0

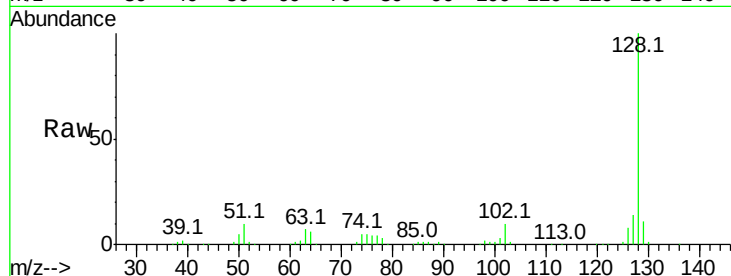




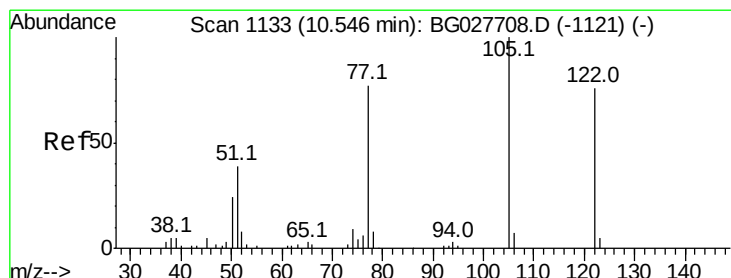
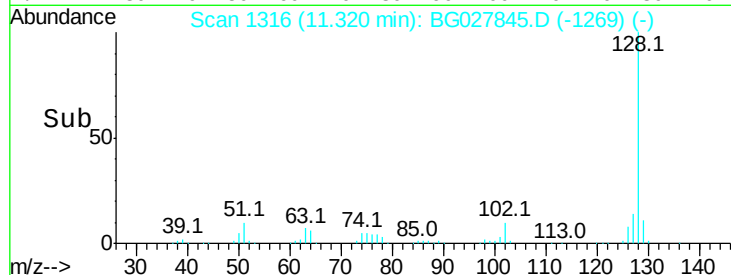
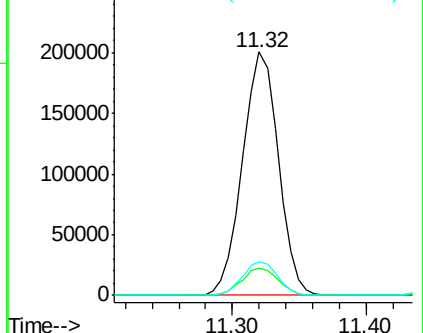
#31
Naphthalene
Concen: 46.87 ng
RT: 11.32 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 373668
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.9 11.4 17.0

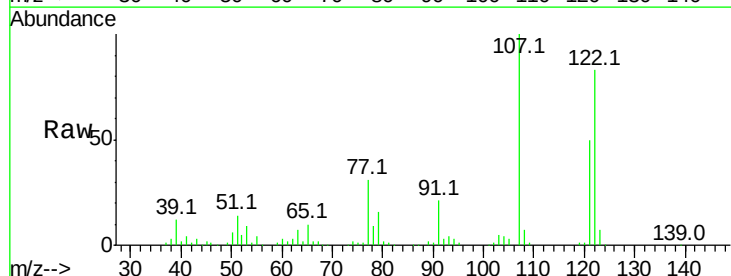


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

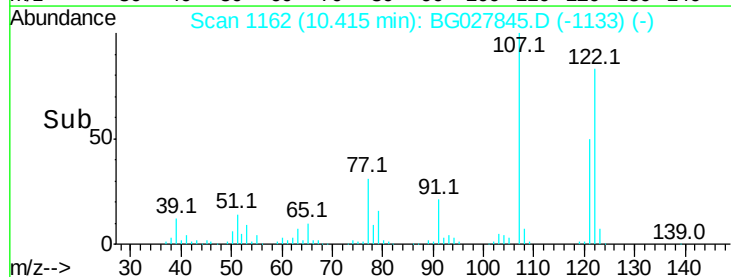
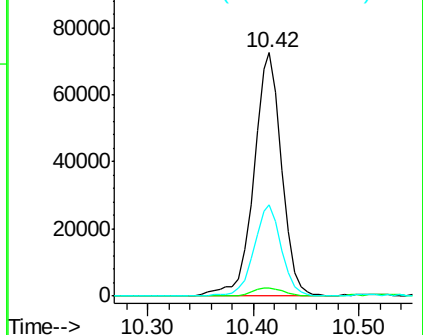


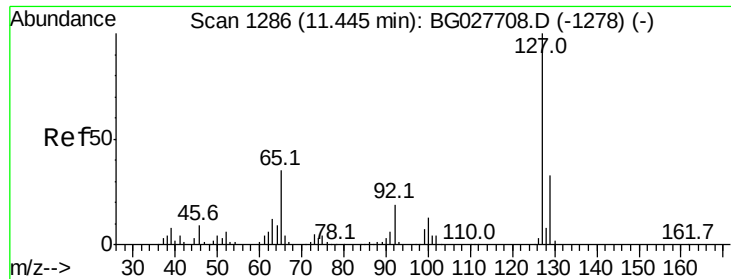
#32
Benzoic acid
Concen: 83.42 ng
RT: 10.42 min Scan# 1162
Delta R.T. -0.13 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Tgt Ion:122 Resp: 132956
Ion Ratio Lower Upper
122 100
105 3.4 120.1 160.1#
77 37.7 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

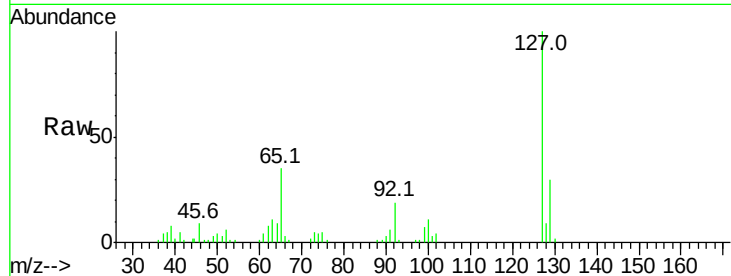




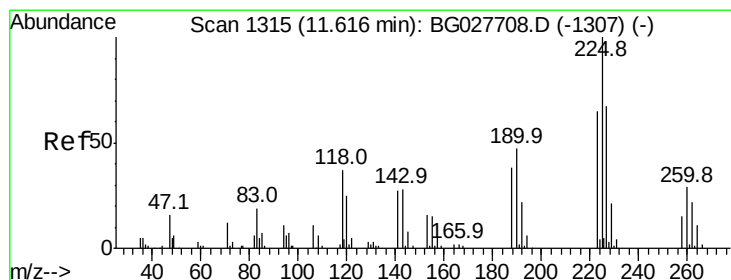
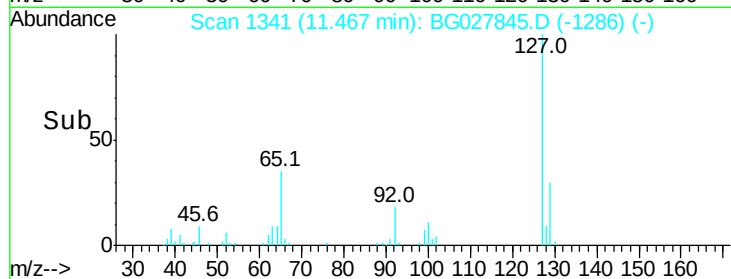
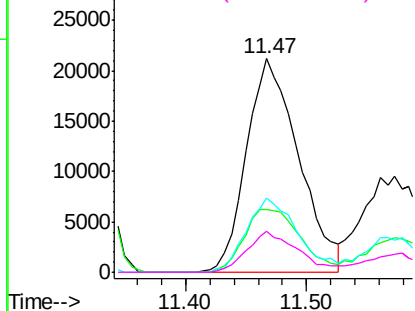
#33
4-Chloroaniline
Concen: 18.42 ng
RT: 11.47 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	63450
Ion	Ratio	Lower	Upper
127	100		
129	29.6	23.6	35.4
65	34.6	37.7	56.5#
92	19.0	17.6	26.4

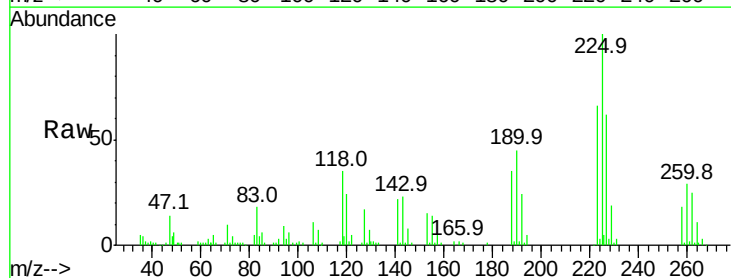


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

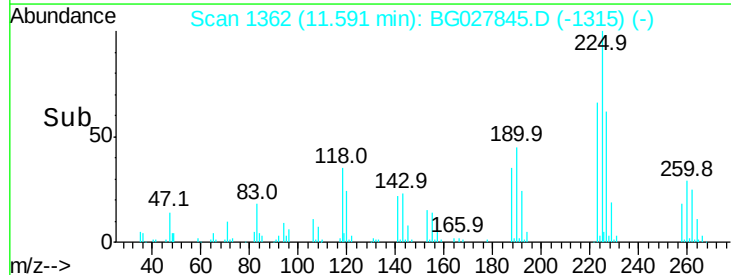
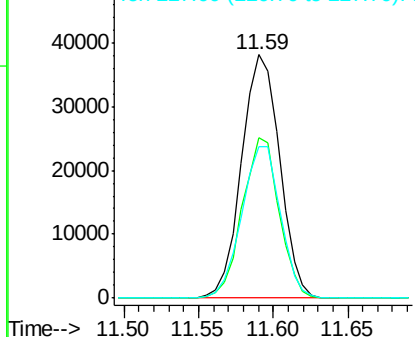


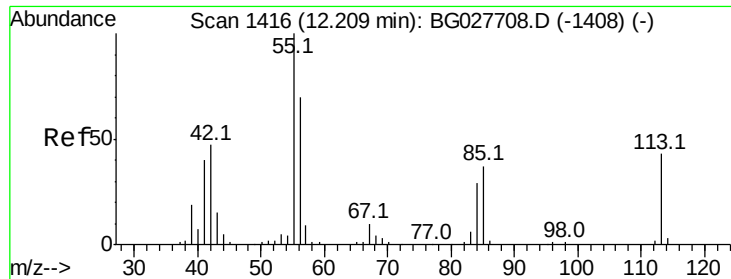
#34
Hexachlorobutadiene
Concen: 56.80 ng
RT: 11.59 min Scan# 1362
Delta R.T. -0.03 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Tgt Ion:	225	Resp:	67298
Ion	Ratio	Lower	Upper
225	100		
223	66.0	50.7	76.1
227	62.3	49.0	73.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.55 ng

RT: 12.21 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampled :

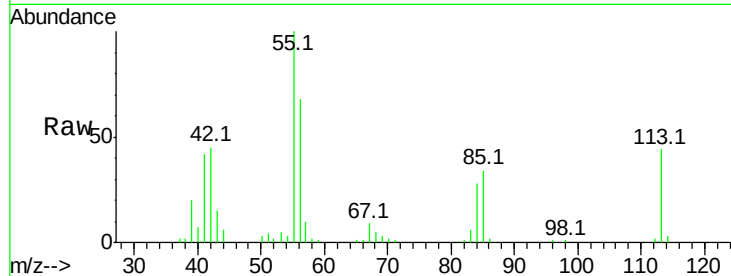
Tot Ion:113 Resp: 20496

Ion Ratio Lower Upper

113 100

55 229.7 198.6 238.6

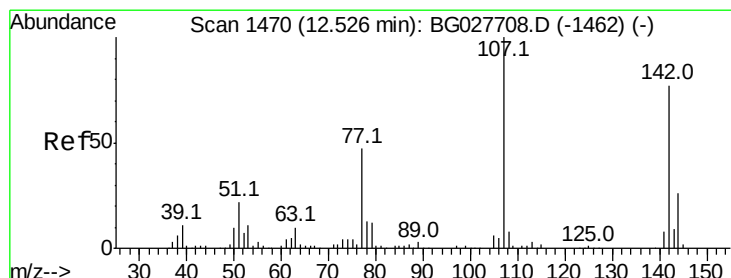
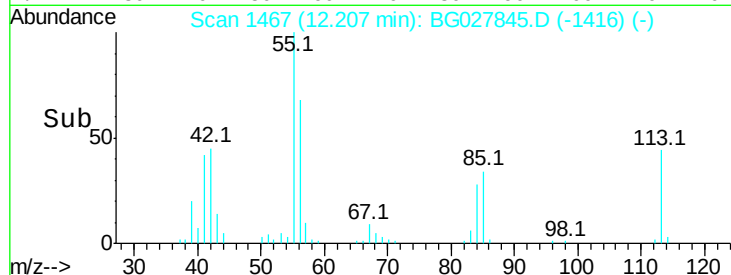
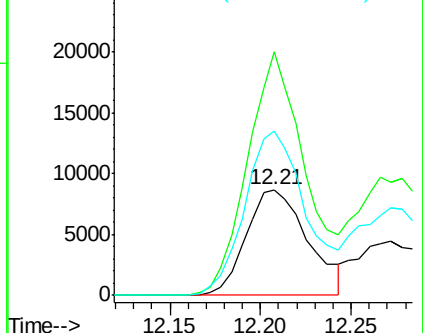
56 155.2 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.27 ng

RT: 12.51 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

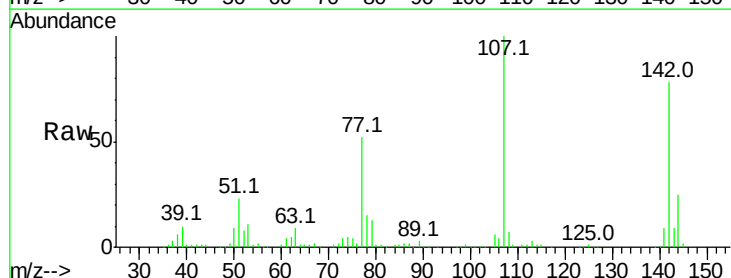
Tgt Ion:107 Resp: 153339

Ion Ratio Lower Upper

107 100

144 25.2 17.4 26.0

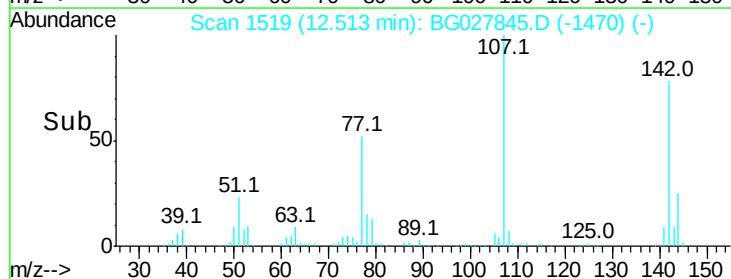
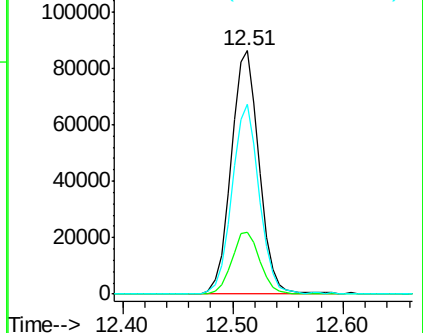
142 78.0 54.1 81.1

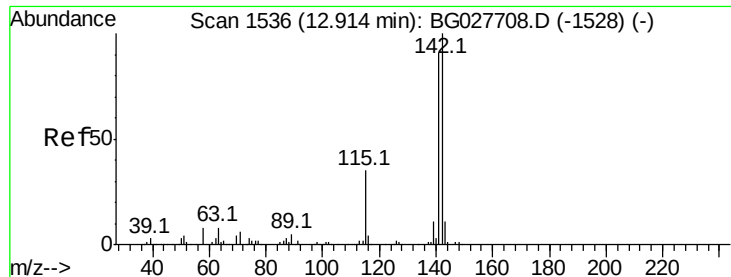


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

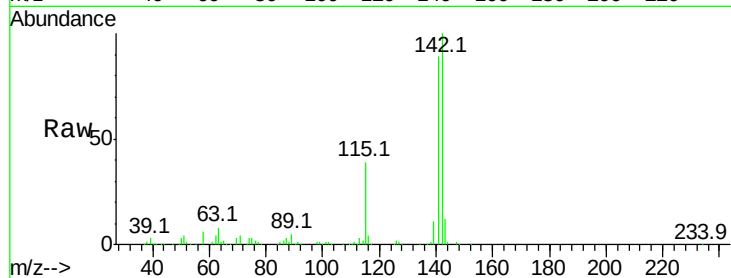




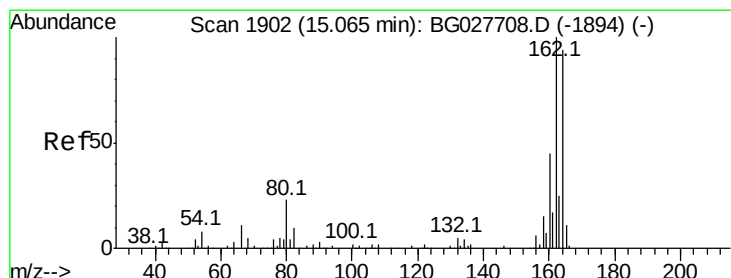
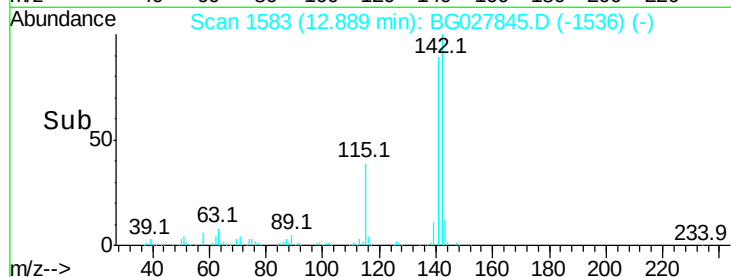
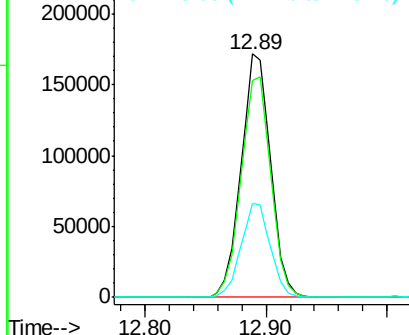
#37
 2-Methylnaphthalene
 Concen: 49.24 ng
 RT: 12.89 min Scan# 1583
 Delta R.T. -0.03 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 292428
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.4 105.6
 115 38.8 35.5 53.3

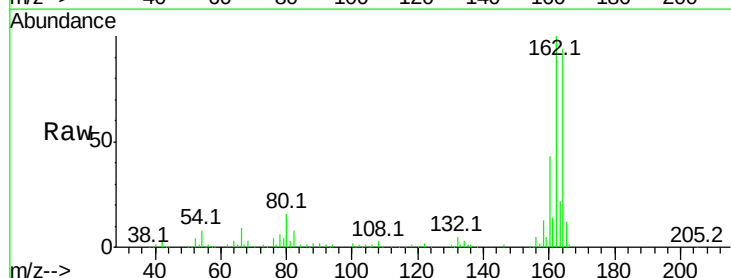


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

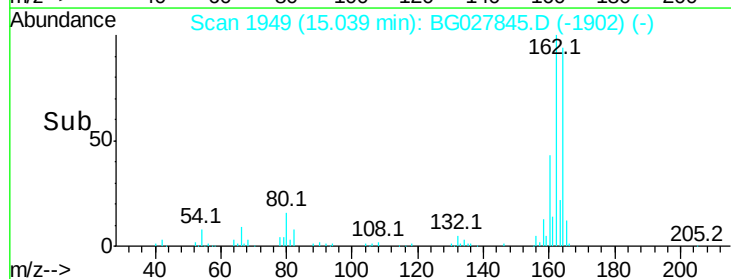
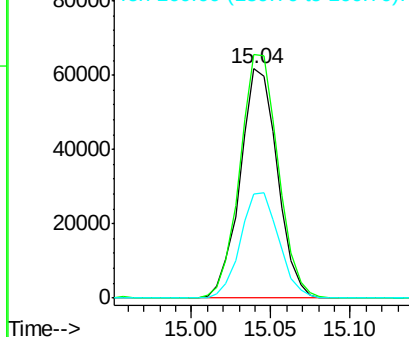


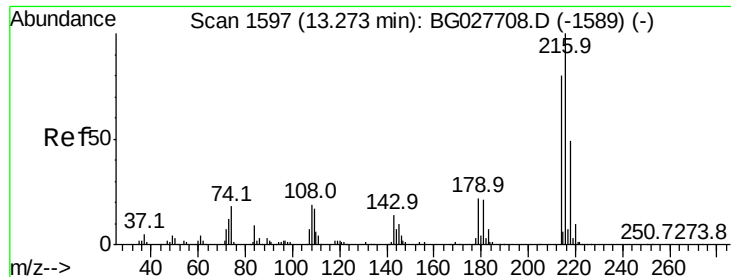
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1949
 Delta R.T. -0.03 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion:164 Resp: 100739
 Ion Ratio Lower Upper
 164 100
 162 106.1 85.1 127.7
 160 45.3 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: 54.37 ng

RT: 13.25 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 143940

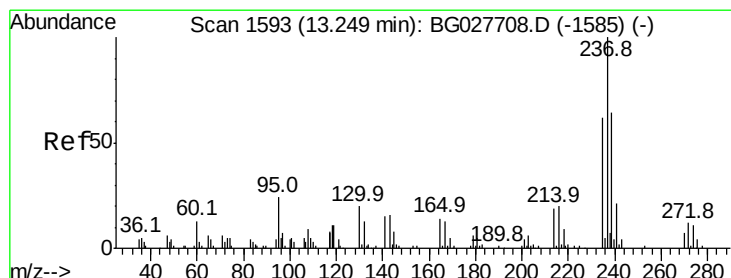
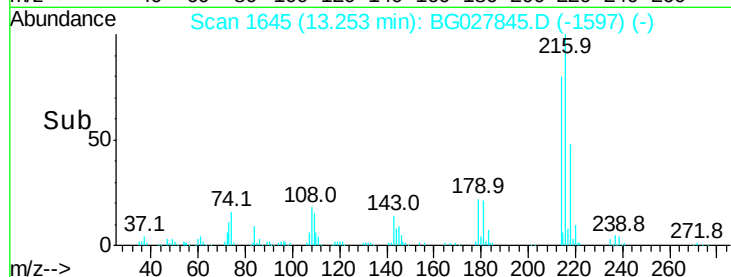
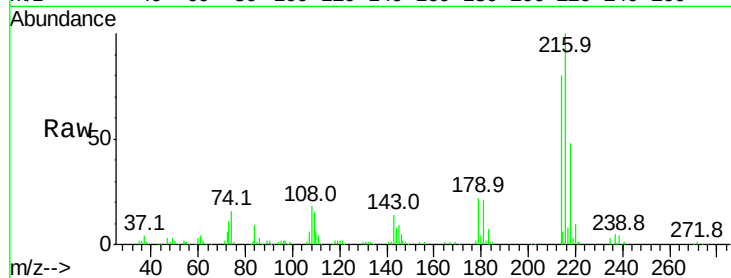
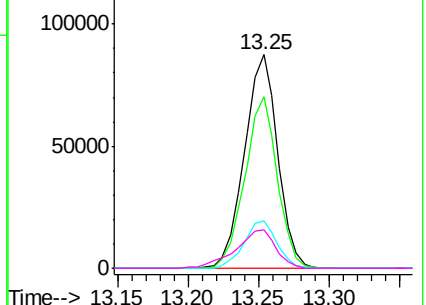
Ion	Ratio	Lower	Upper
216	100		
214	78.0	64.4	96.6
179	22.1	17.4	26.0
108	21.7	15.6	23.4

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 140.24 ng

RT: 13.23 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

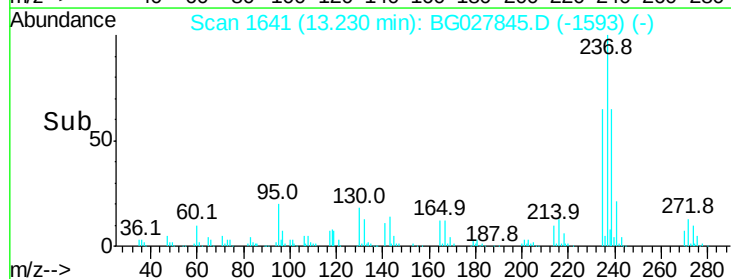
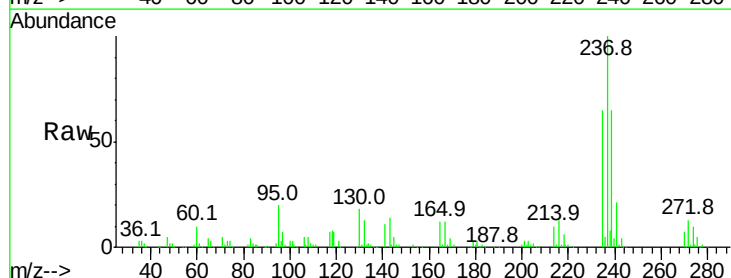
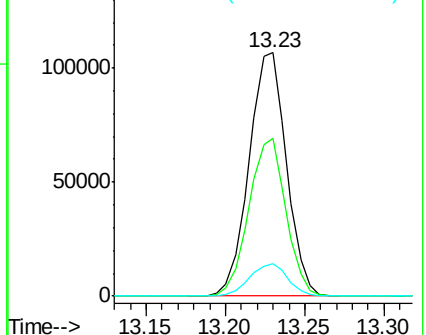
Tgt Ion:237 Resp: 175031

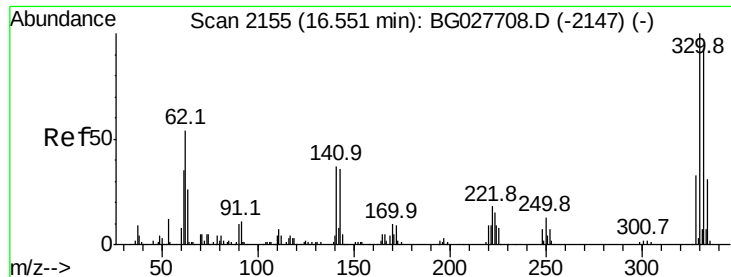
Ion	Ratio	Lower	Upper
237	100		
235	64.7	39.4	79.4
272	13.3	0.0	32.0

Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

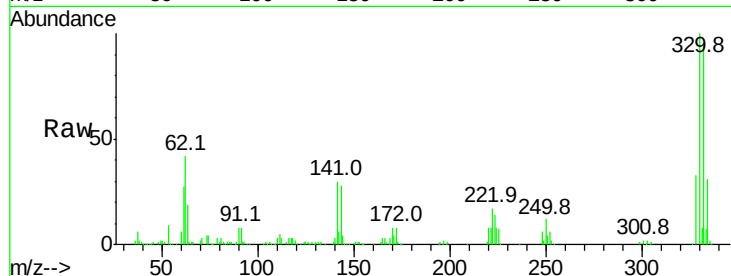




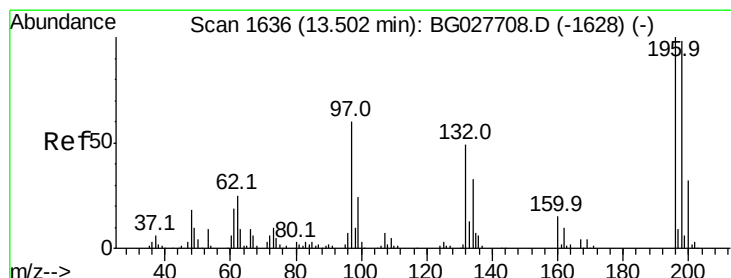
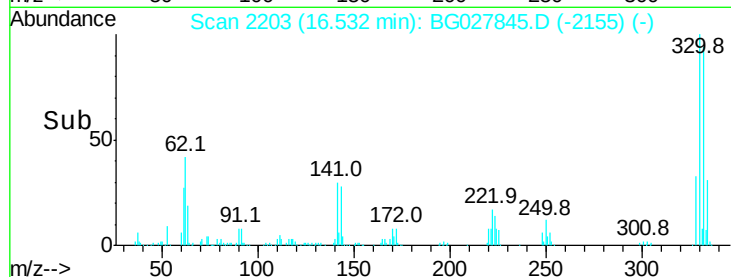
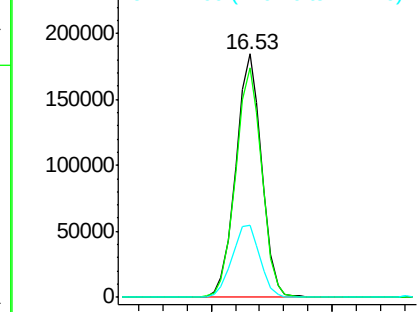
#41
 2,4,6-Tribromophenol
 Concen: 198.95 ng
 RT: 16.53 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.3	115.9
141	32.1	32.1	48.1

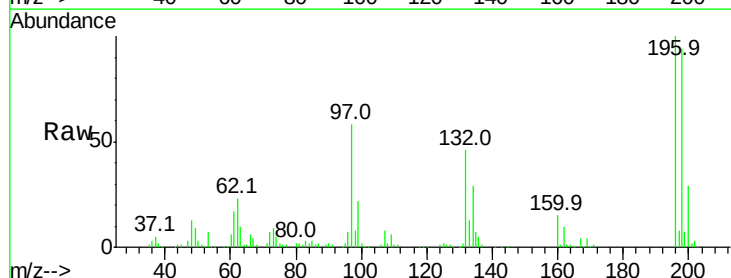


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

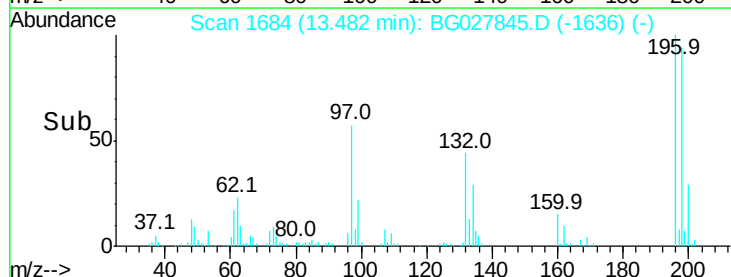
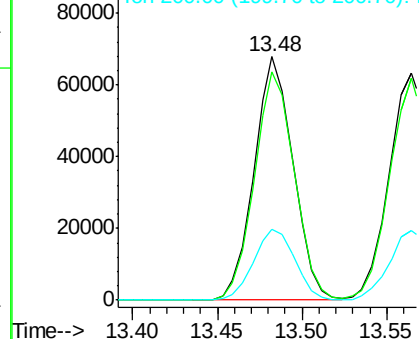


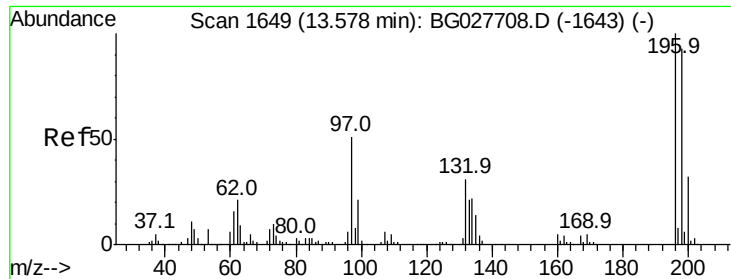
#42
 2,4,6-Trichlorophenol
 Concen: 57.14 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.02 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	81.4	122.2
200	28.8	27.0	40.6



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

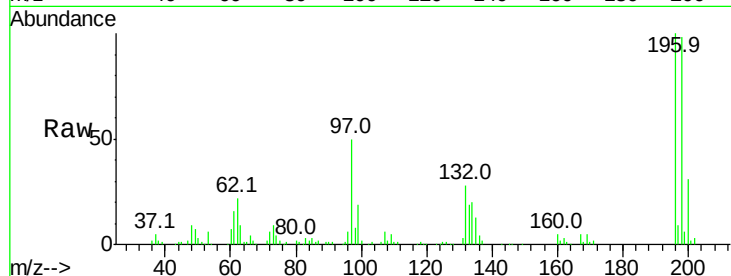




#43
 2,4,5-Trichlorophenol
 Concen: 54.09 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	117176		
198	98.0	79.9	119.9	
97	50.4	45.4	68.0	
132	28.4	20.7	31.1	



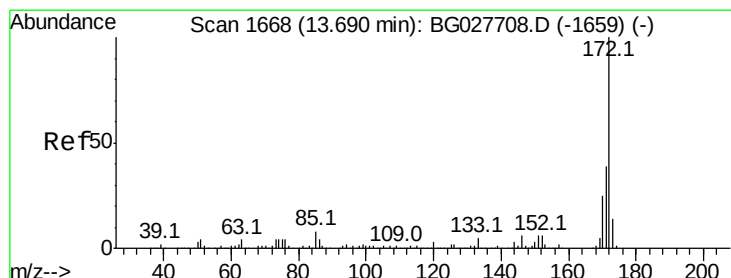
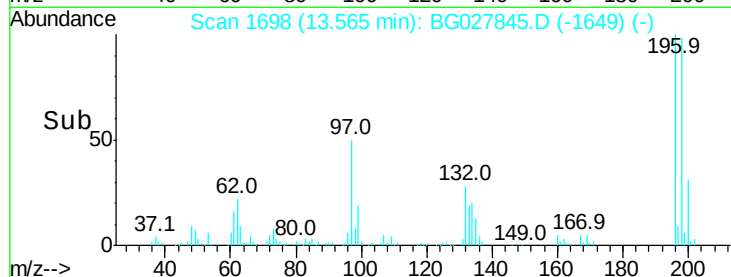
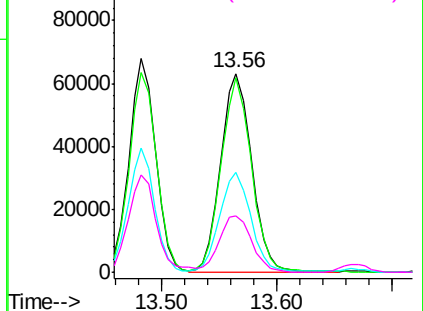
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

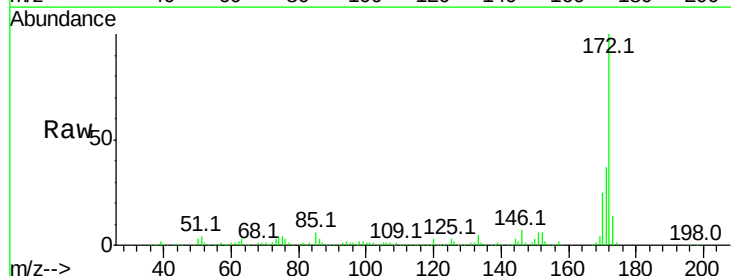
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.61 ng
 RT: 13.66 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	716718		
171	37.0	32.2	48.2	
170	24.6	21.8	32.6	

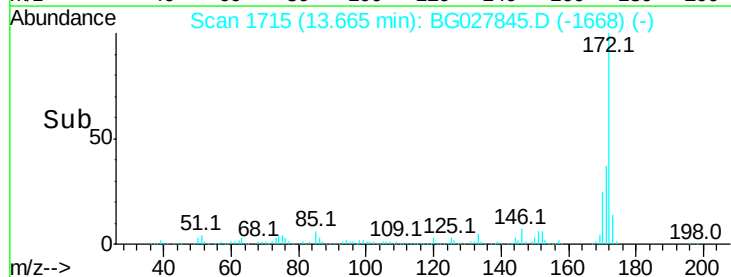
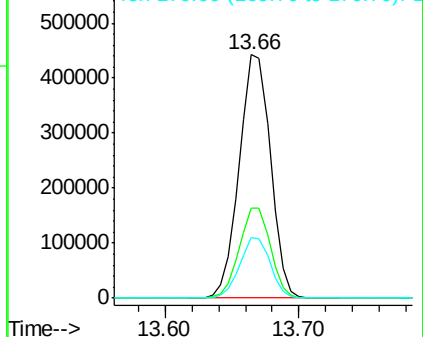


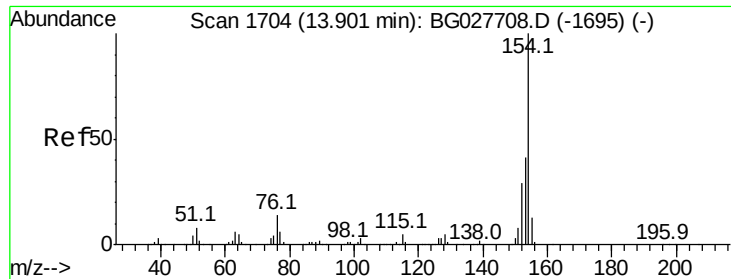
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

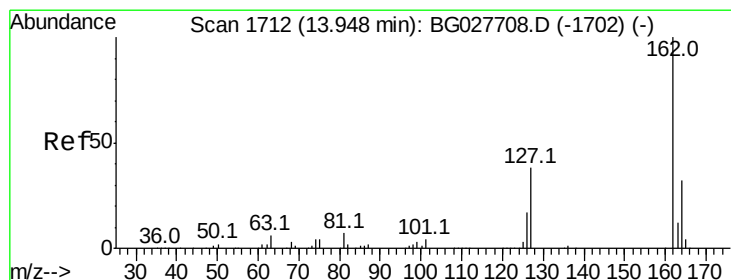
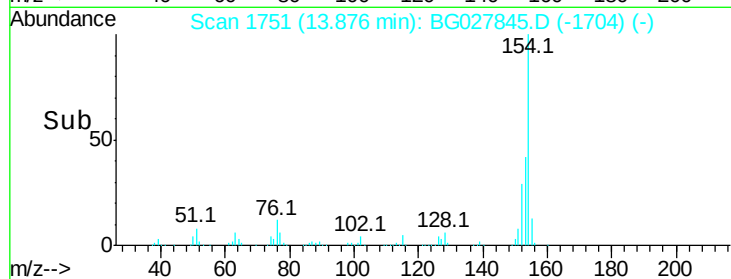
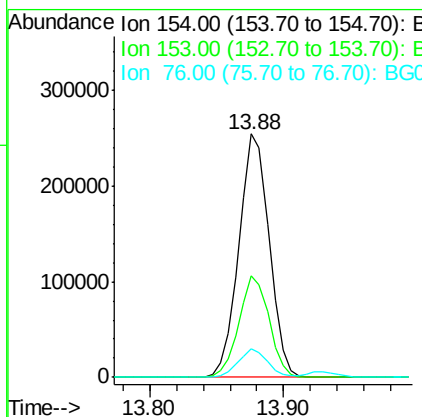
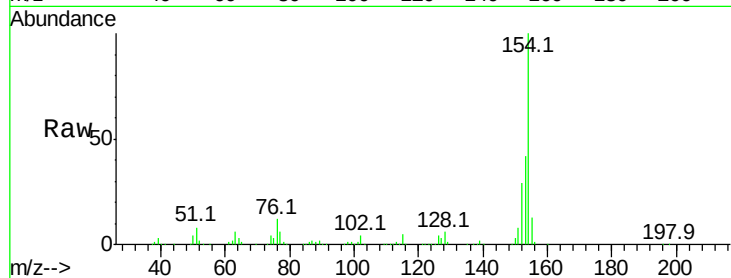




#45
 1,1'-Biphenyl
 Concen: 49.33 ng
 RT: 13.88 min Scan# 1751
 Delta R.T. -0.03 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

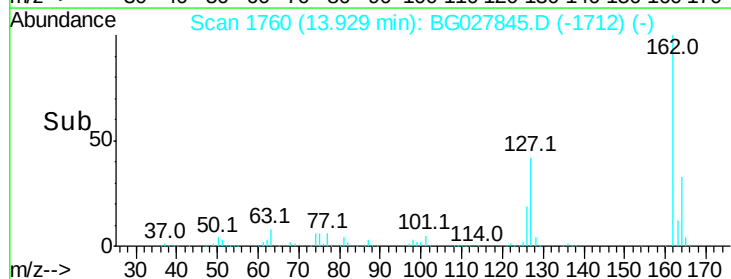
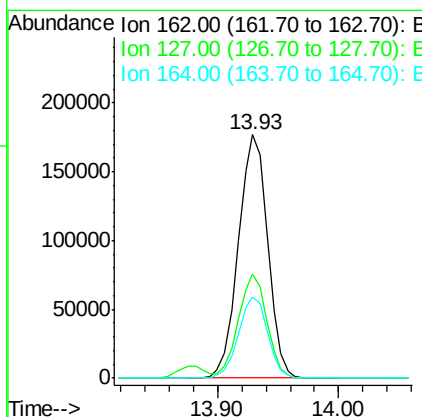
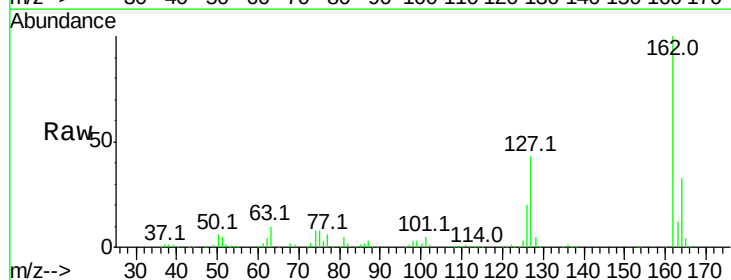
Instrument :
 BNA_G
 ClientSampleId :

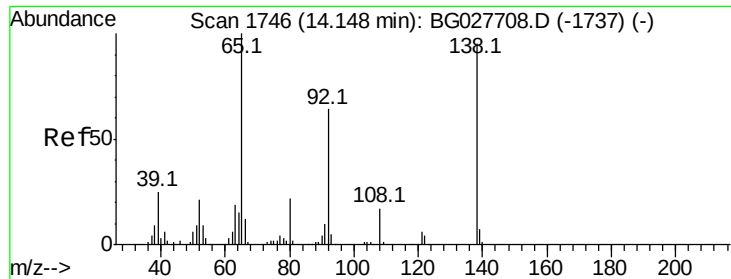
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	23.0	63.0
76	11.6	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 49.07 ng
 RT: 13.93 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	32.2	48.4
164	33.0	27.3	40.9





#47

2-Nitroaniline

Concen: 46.51 ng

RT: 14.13 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampleId :

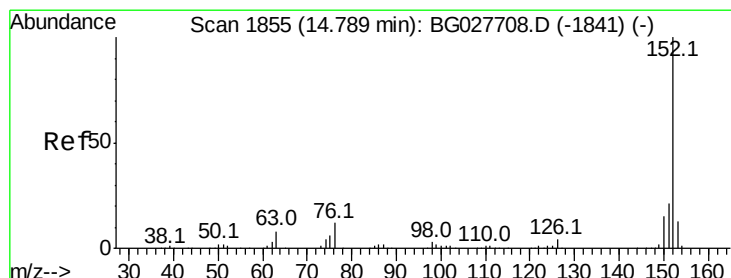
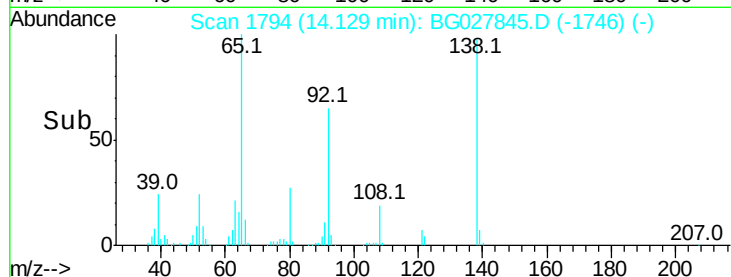
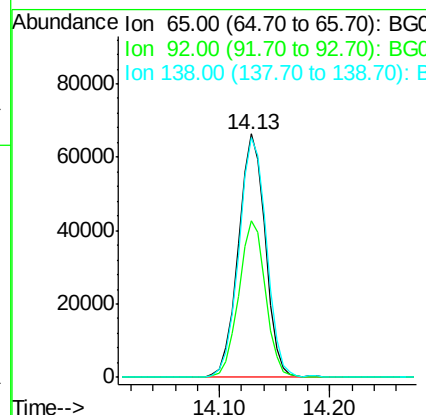
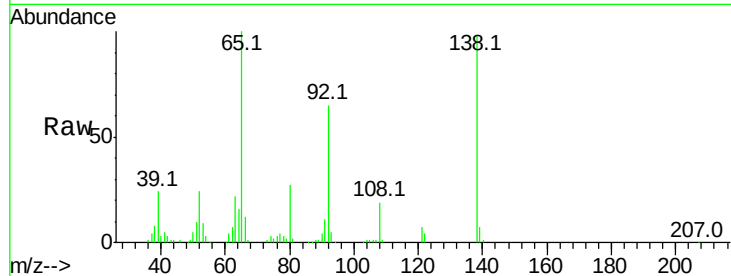
Tot Ion: 65 Resp: 113556

Ion Ratio Lower Upper

65 100

92 64.6 49.0 73.4

138 98.3 58.6 87.8#



#48

Acenaphthylene

Concen: 45.85 ng

RT: 14.77 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

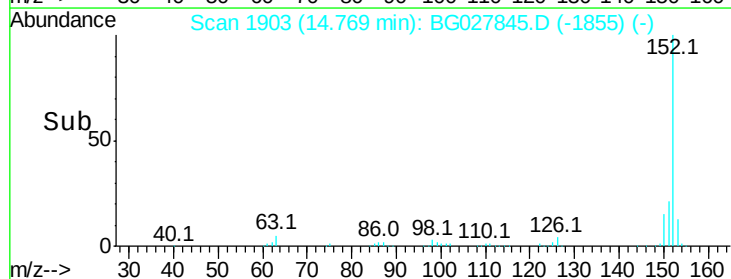
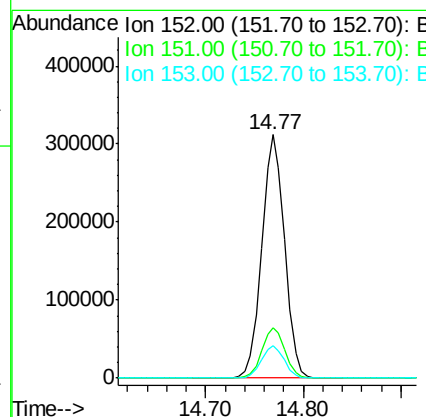
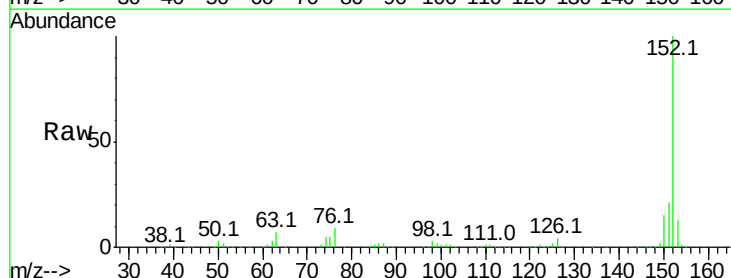
Tgt Ion: 152 Resp: 510989

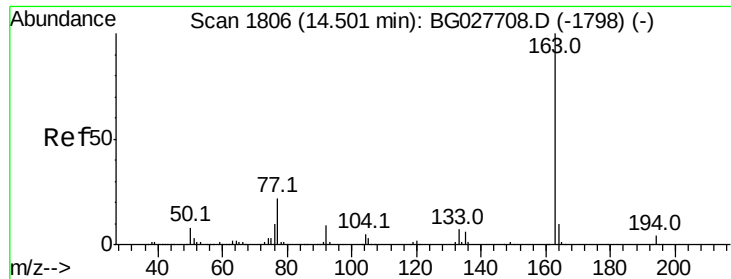
Ion Ratio Lower Upper

152 100

151 20.6 18.2 27.2

153 13.4 11.3 16.9





#49

Dimethylphthalate

Concen: 63.53 ng

RT: 14.49 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampled :

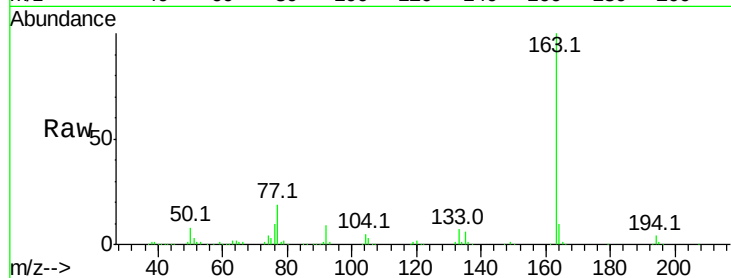
Tot Ion:163 Resp: 545962

Ion Ratio Lower Upper

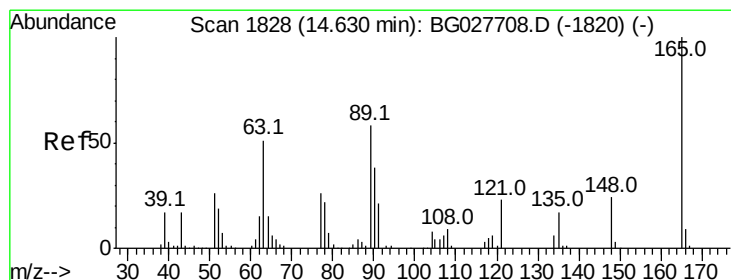
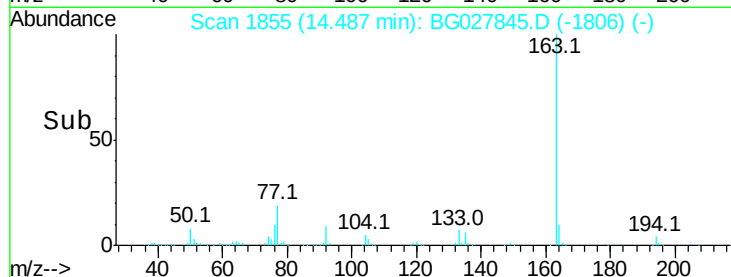
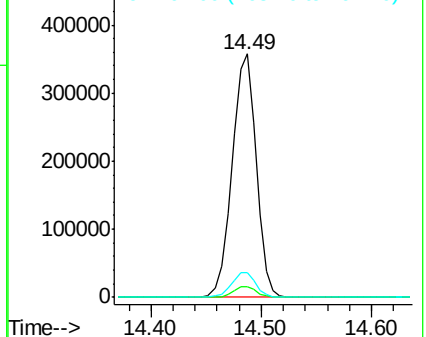
163 100

194 4.2 3.8 5.6

164 10.3 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: 51.02 ng

RT: 14.61 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

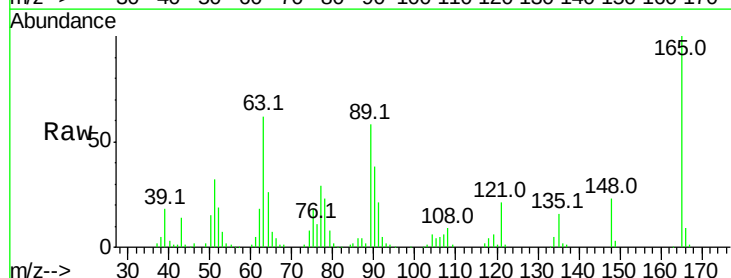
Tgt Ion:165 Resp: 95308

Ion Ratio Lower Upper

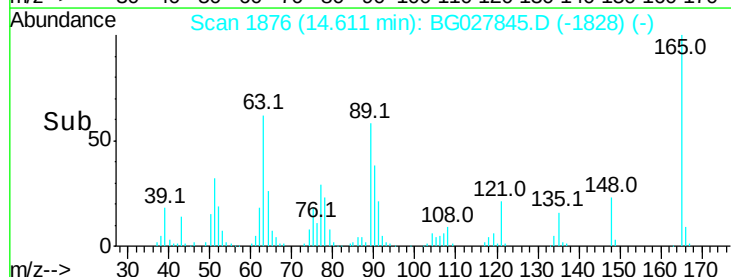
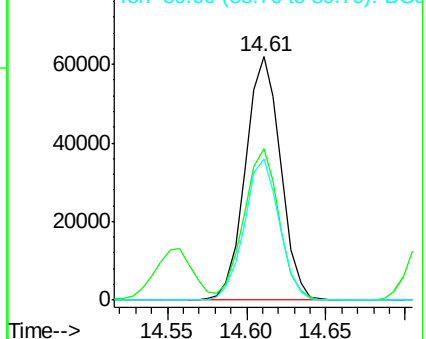
165 100

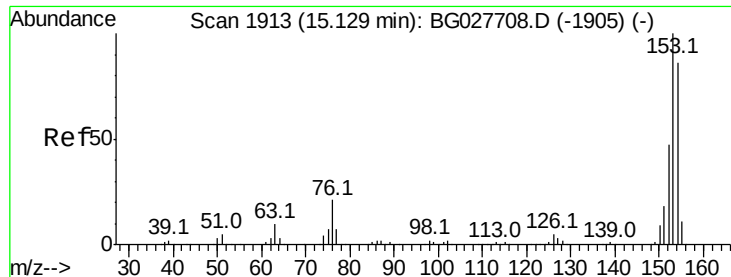
63 62.4 63.9 95.9#

89 58.0 58.6 88.0#



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





#51

Acenaphthene

Concen: 47.09 ng

RT: 15.11 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampled :

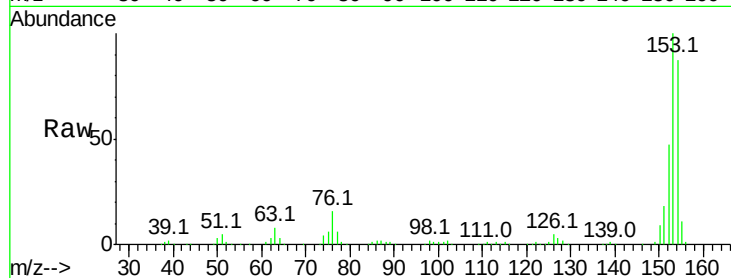
Tot Ion:154 Resp: 336365

Ion Ratio Lower Upper

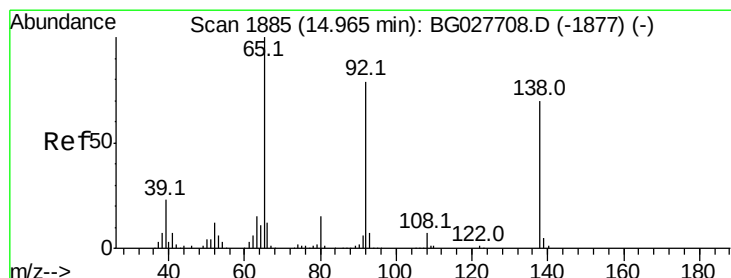
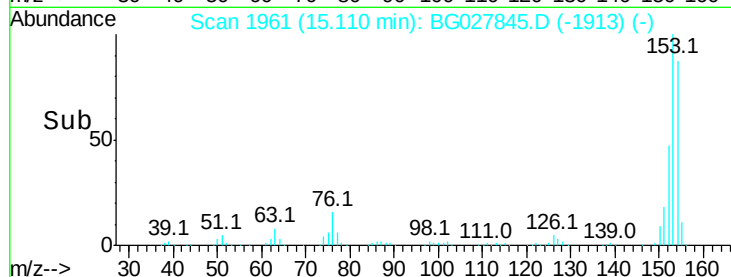
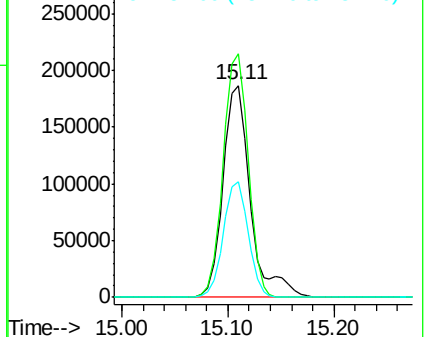
154 100

153 114.9 87.8 131.6

152 54.3 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: 35.46 ng

RT: 14.96 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

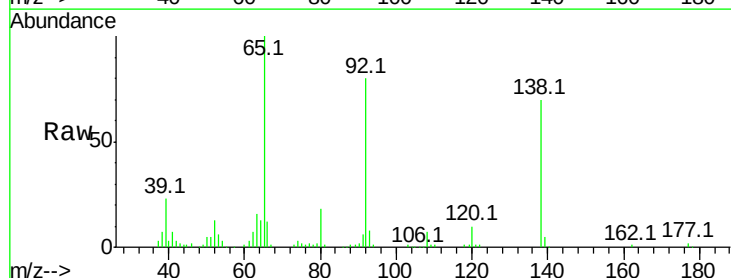
Tgt Ion:138 Resp: 77930

Ion Ratio Lower Upper

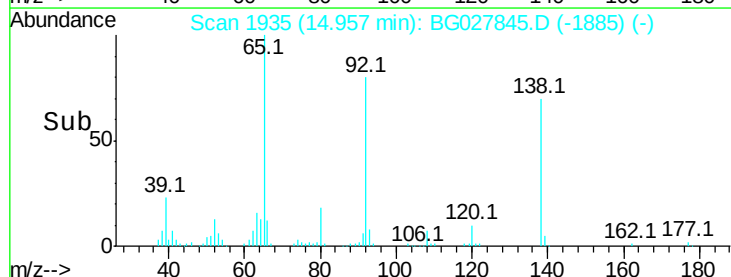
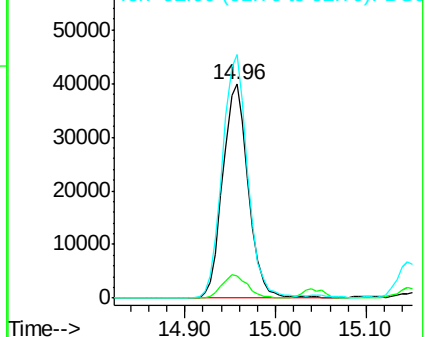
138 100

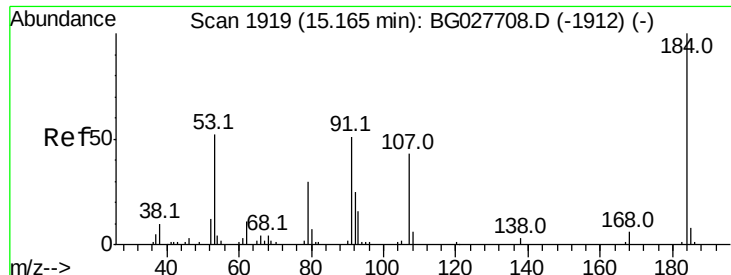
108 10.6 10.9 16.3#

92 114.0 115.3 172.9#



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

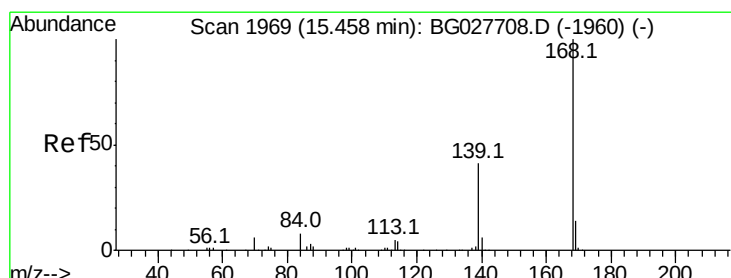
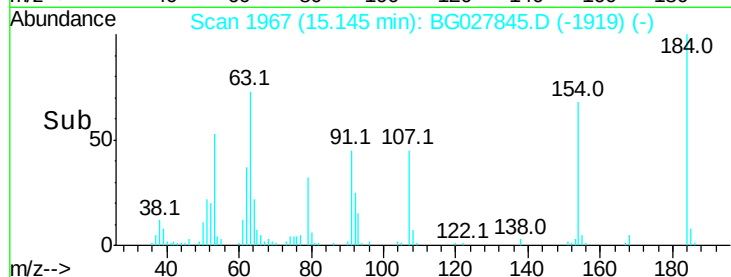
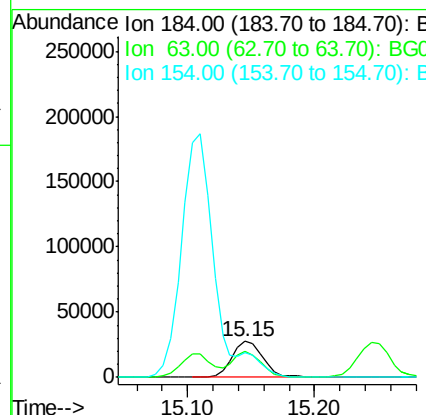
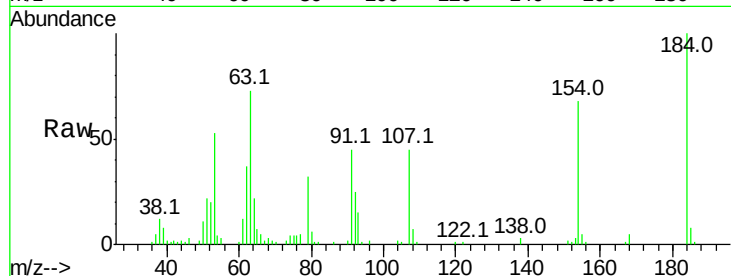




#53
 2,4-Dinitrophenol
 Concen: 49.87 ng
 RT: 15.15 min Scan# 1967
 Delta R.T. -0.02 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

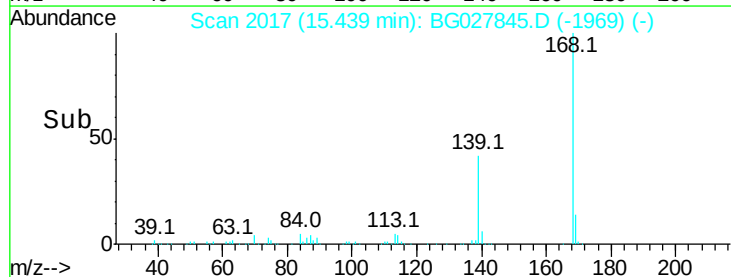
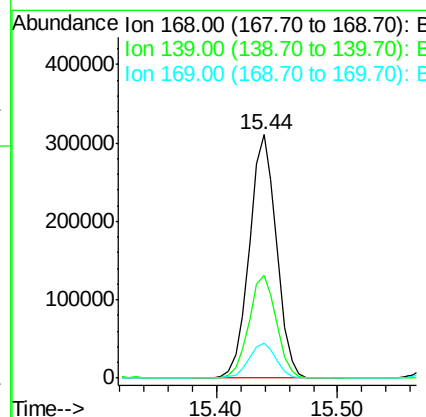
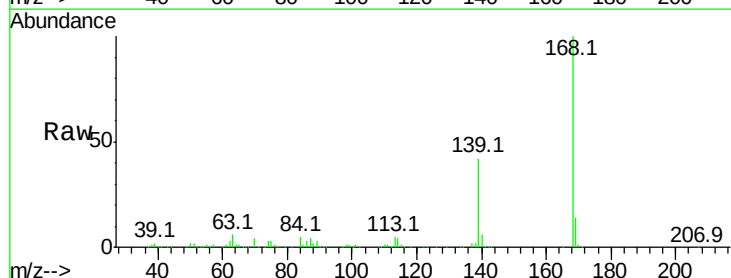
Instrument :
 BNA_G
 ClientSampleId :

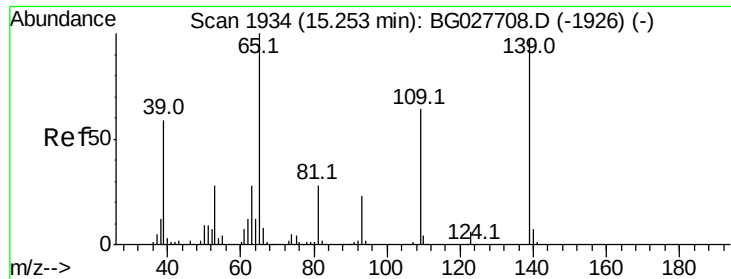
Tot Ion:184 Resp: 47426
 Ion Ratio Lower Upper
 184 100
 63 73.2 52.7 79.1
 154 68.2 57.3 85.9



#54
 Dibenzofuran
 Concen: 51.35 ng
 RT: 15.44 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion:168 Resp: 485091
 Ion Ratio Lower Upper
 168 100
 139 42.3 35.3 52.9
 169 14.3 11.5 17.3





#55

4-Nitrophenol

Concen: 90.09 ng

RT: 15.25 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampleId :

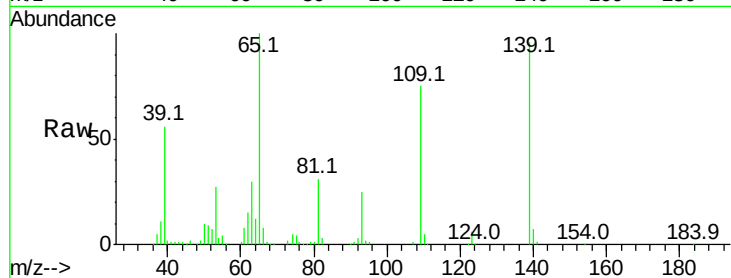
Tot Ion:139 Resp: 151138

Ion Ratio Lower Upper

139 100

109 79.0 101.2 141.2#

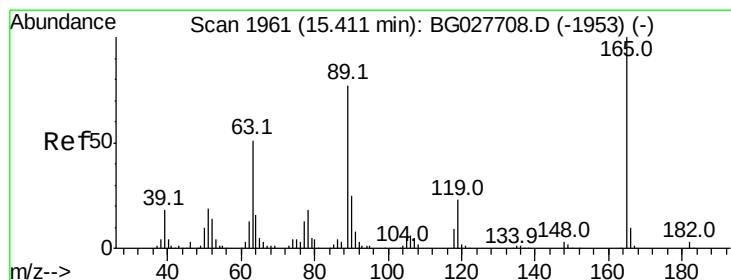
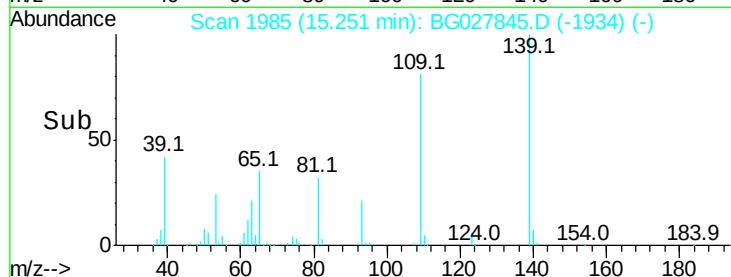
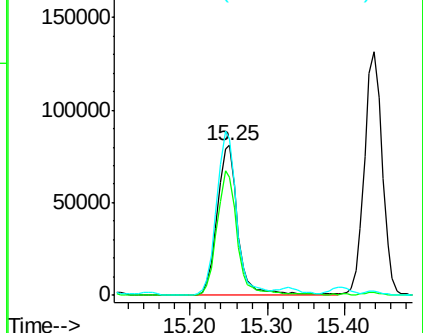
65 104.7 135.3 175.3#



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: 52.48 ng

RT: 15.40 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Tgt Ion:165 Resp: 136750

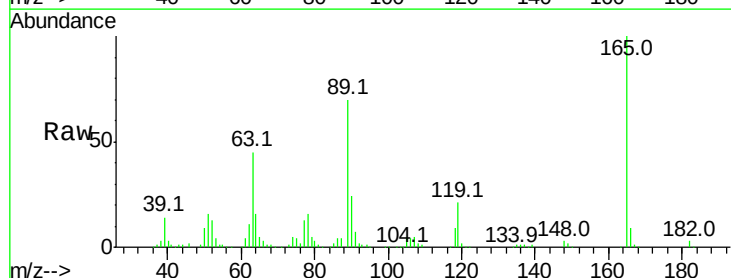
Ion Ratio Lower Upper

165 100

63 44.8 44.0 66.0

89 69.6 67.3 100.9

182 2.8 3.8 5.6#

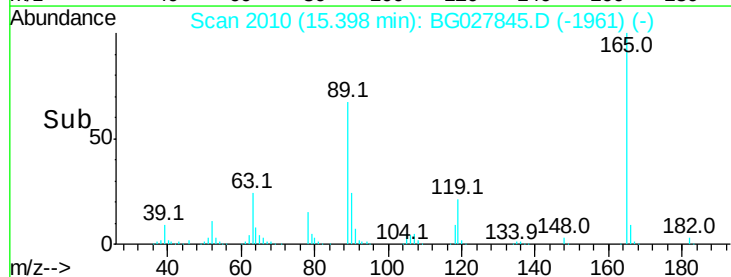
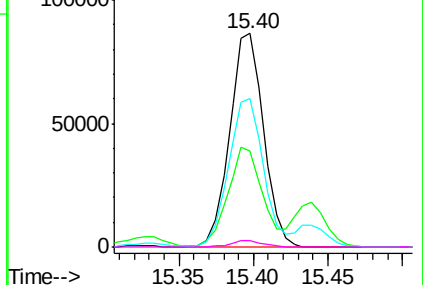


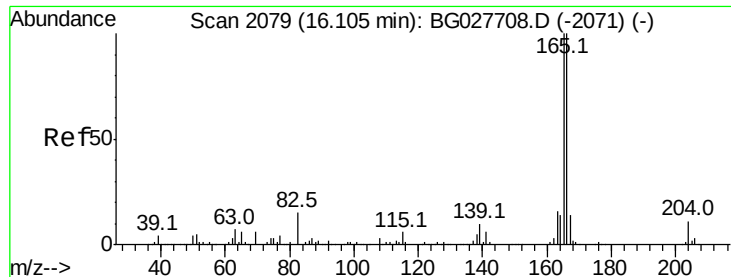
Abundance Ion 165.00 (164.70 to 165.70): E

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

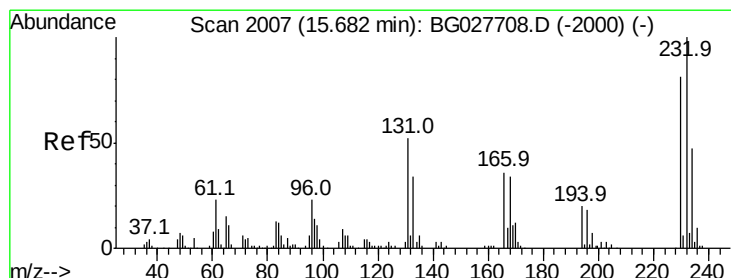
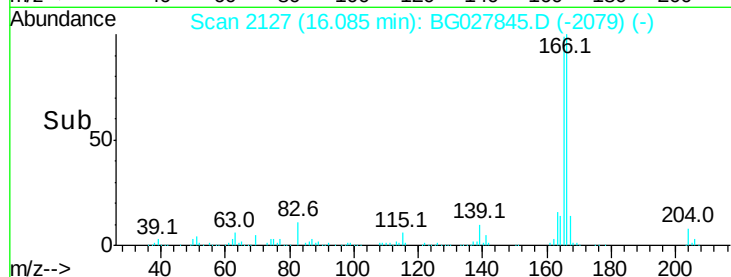
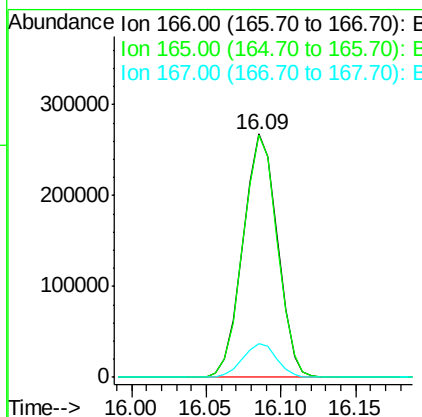
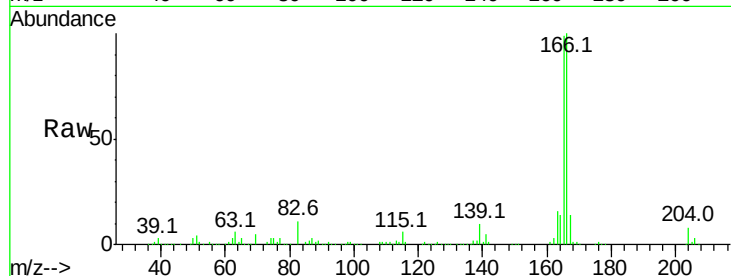




#57
 Fluorene
 Concen: 46.49 ng
 RT: 16.09 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

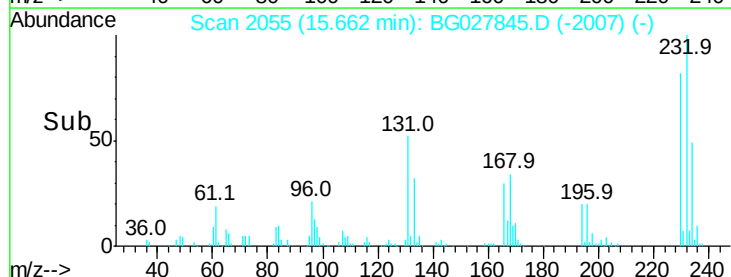
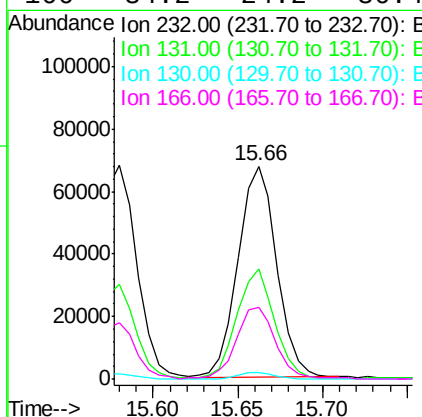
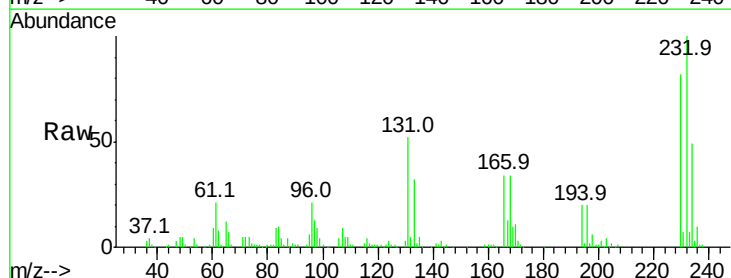
Instrument :
 BNA_G
 ClientSampleId :

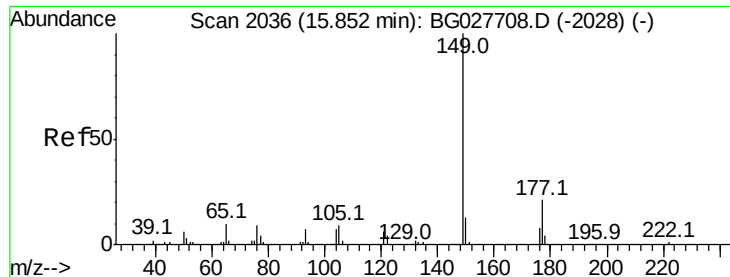
Tot Ion:166 Resp: 425794
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.6 117.8
 167 14.1 11.6 17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.74 ng
 RT: 15.66 min Scan# 2055
 Delta R.T. -0.02 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion:232 Resp: 107822
 Ion Ratio Lower Upper
 232 100
 131 50.5 34.9 52.3
 130 3.0 2.3 3.5
 166 34.2 24.2 36.4

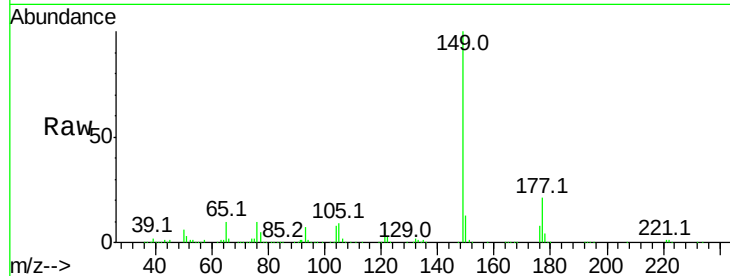




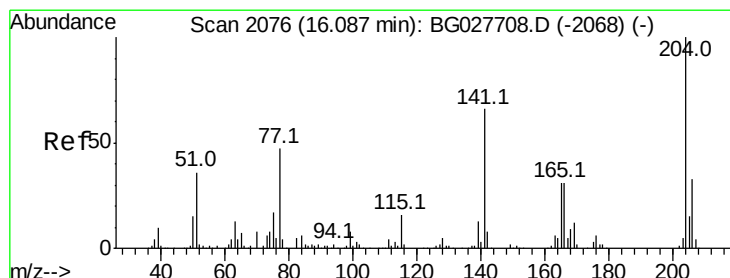
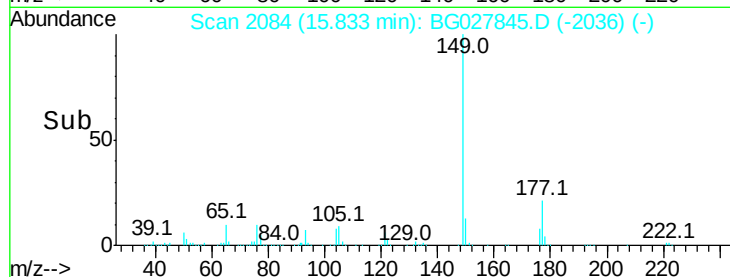
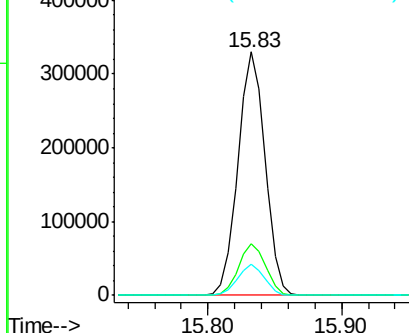
#59
Diethylphthalate
Concen: 48.62 ng
RT: 15.83 min Scan# 2084
Delta R.T. -0.02 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 462662
Ion Ratio Lower Upper
149 100
177 21.5 20.1 30.1
150 12.7 10.2 15.2

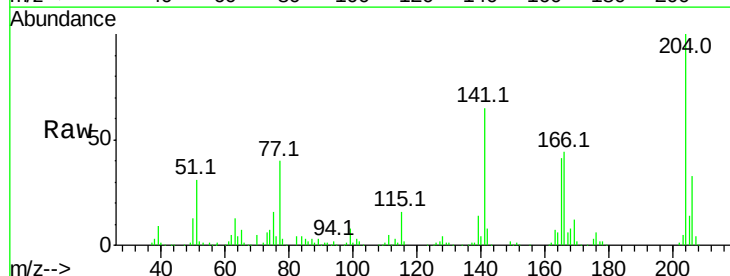


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

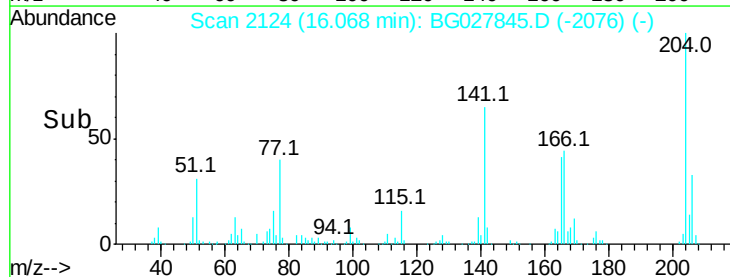
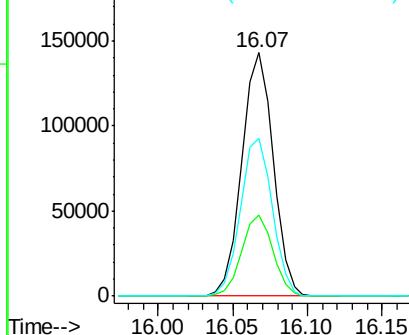


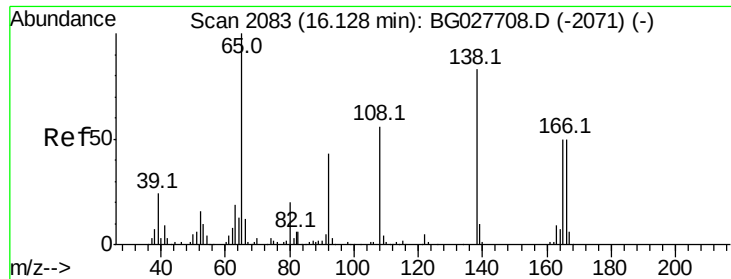
#60
4-Chlorophenyl-phenylether
Concen: 51.40 ng
RT: 16.07 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Tgt Ion:204 Resp: 208392
Ion Ratio Lower Upper
204 100
206 33.4 30.1 45.1
141 64.9 50.6 76.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

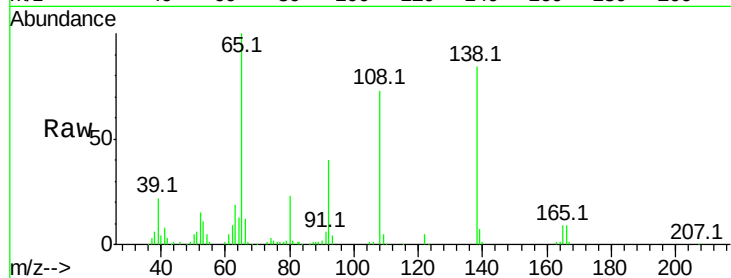




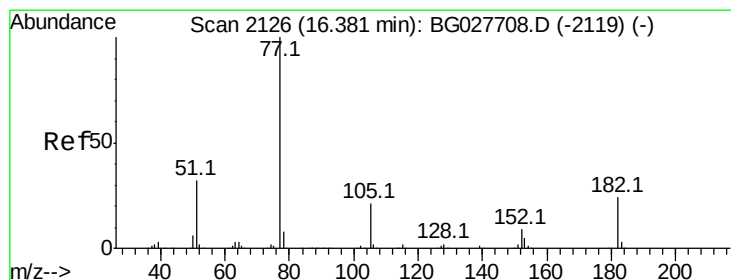
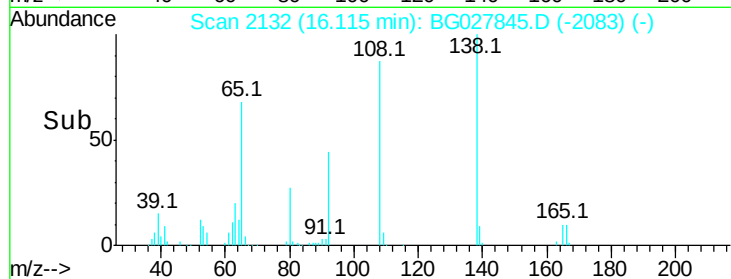
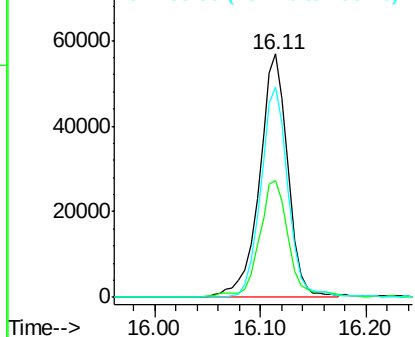
#61
4-Nitroaniline
Concen: 46.23 ng
RT: 16.11 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 105848
Ion Ratio Lower Upper
138 100
92 47.8 44.2 84.2
108 86.6 104.8 144.8#

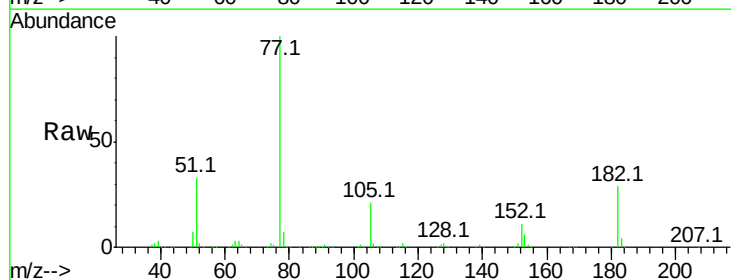


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

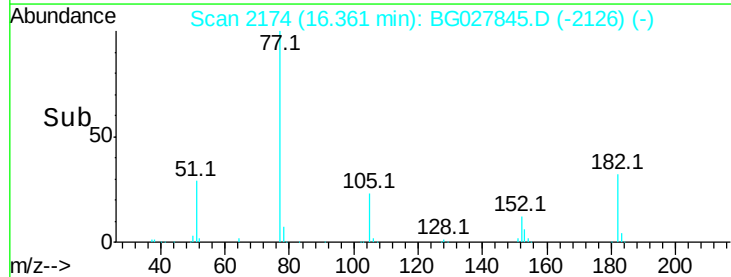
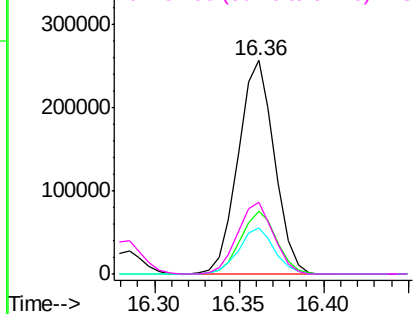


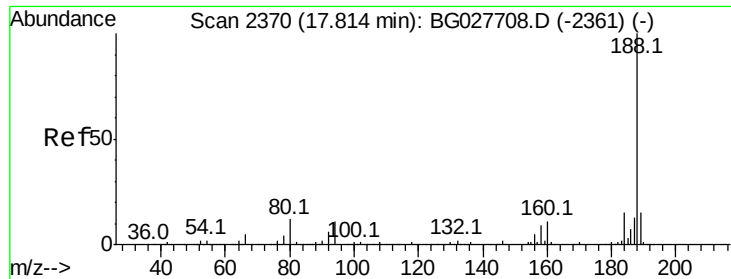
#62
Azobenzene
Concen: 45.79 ng
RT: 16.36 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Tgt Ion: 77 Resp: 382873
Ion Ratio Lower Upper
77 100
182 29.3 4.7 44.7
105 21.3 0.0 36.3
51 33.4 16.4 56.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.79 min Scan# 2417

Delta R.T. -0.03 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampleId :

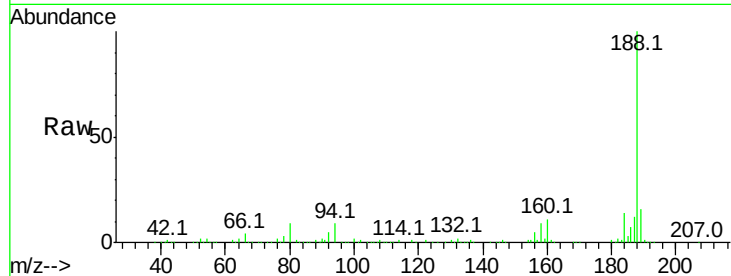
Tot Ion:188 Resp: 244681

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

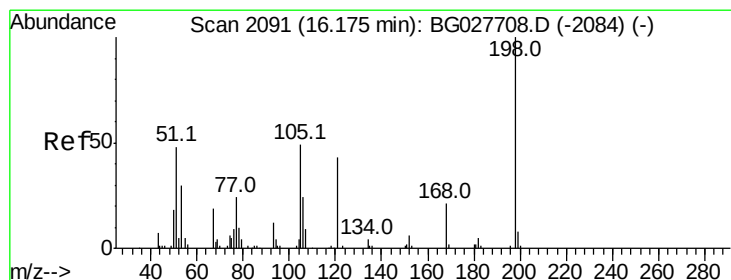
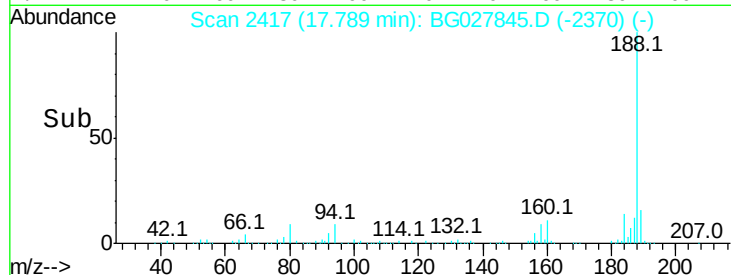
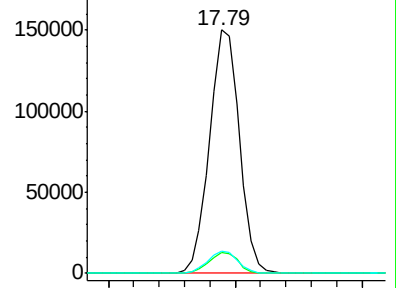
80 8.9 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 48.02 ng

RT: 16.16 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

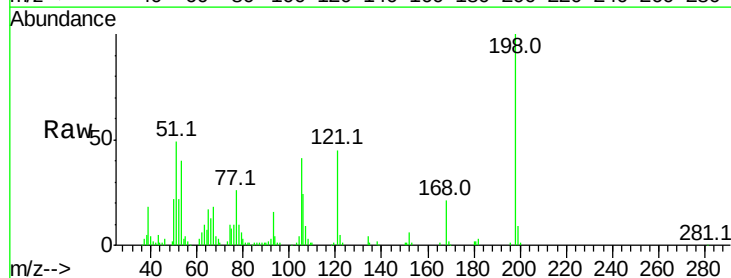
Tgt Ion:198 Resp: 73311

Ion Ratio Lower Upper

198 100

51 49.2 22.6 62.6

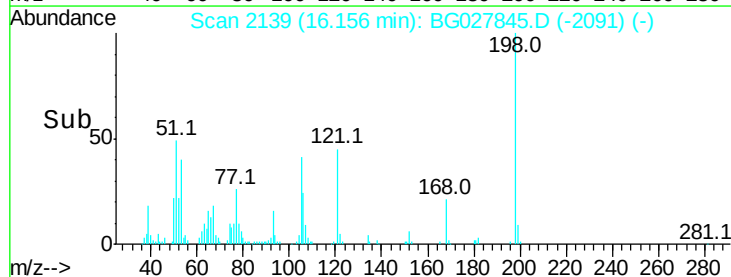
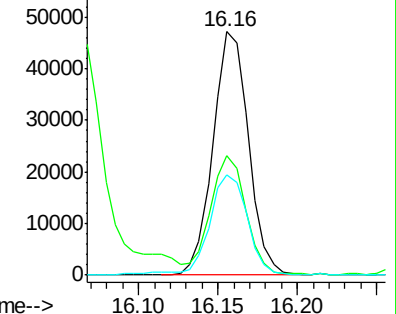
105 41.4 14.4 54.4

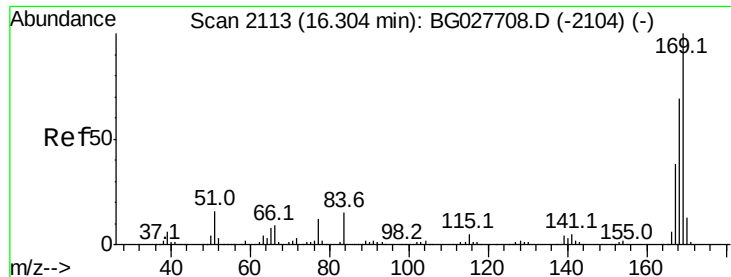


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



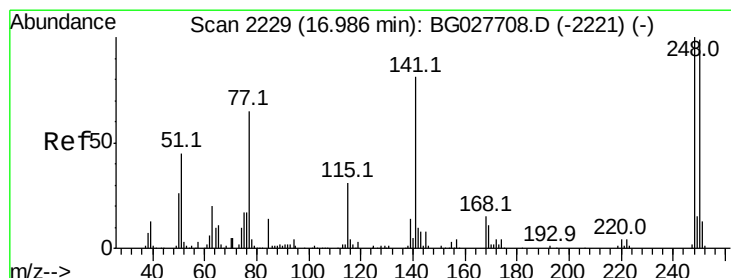
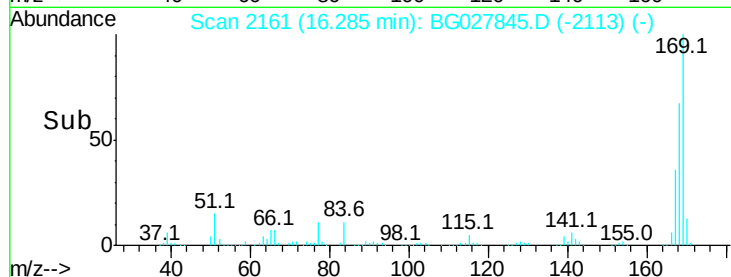
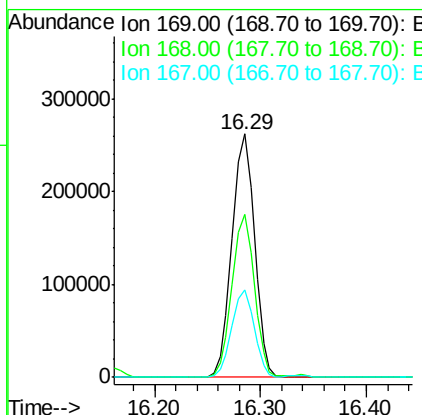
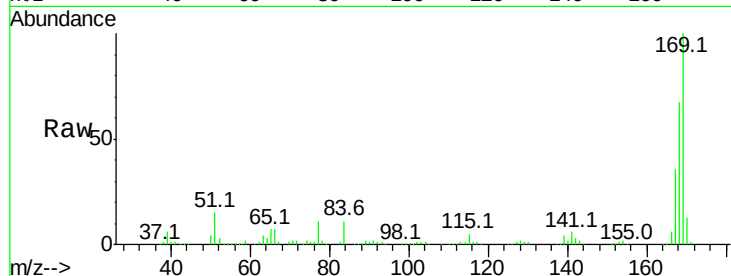


#65
 n-Nitrosodiphenylamine
 Concen: 48.83 ng
 RT: 16.29 min Scan# 2161
 Delta R.T. -0.02 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 388650

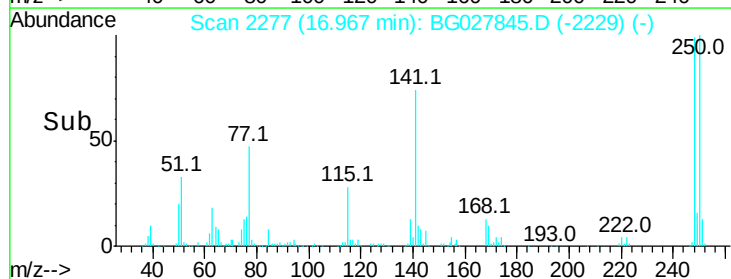
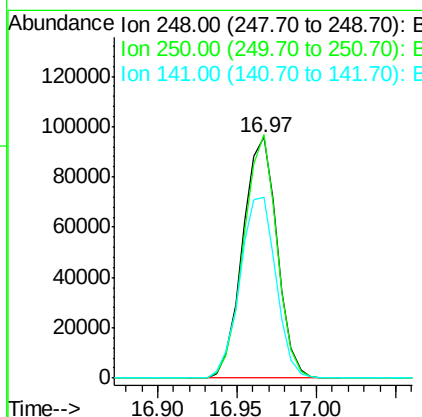
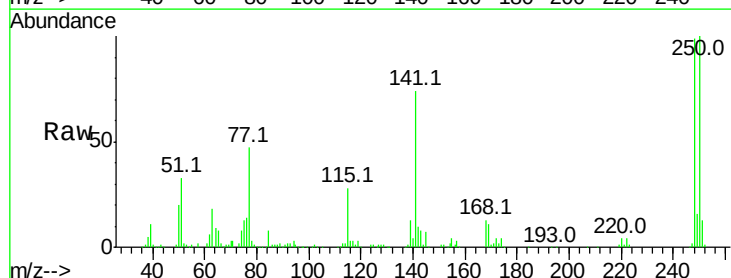
Ion	Ratio	Lower	Upper
169	100		
168	66.8	55.7	83.5
167	36.1	29.8	44.6

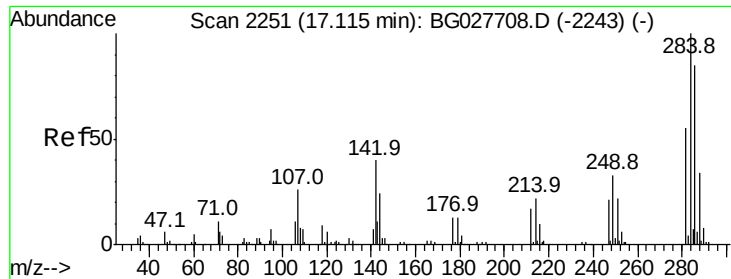


#66
 4-Bromophenyl-phenylether
 Concen: 56.30 ng
 RT: 16.97 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion:248 Resp: 144088

Ion	Ratio	Lower	Upper
248	100		
250	101.2	75.0	112.6
141	74.9	55.2	82.8





#67

Hexachlorobenzene

Concen: 56.90 ng

RT: 17.09 min Scan# 2298

Delta R.T. -0.03 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampleId :

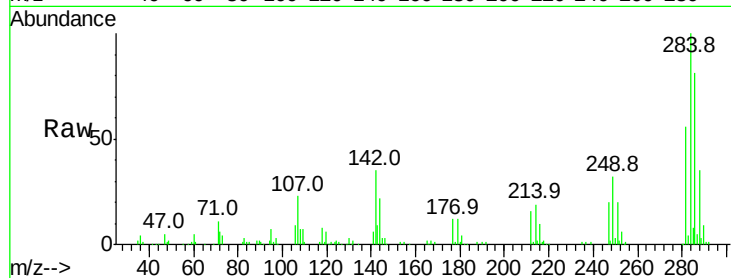
Tot Ion:284 Resp: 154205

Ion Ratio Lower Upper

284 100

142 34.6 29.9 44.9

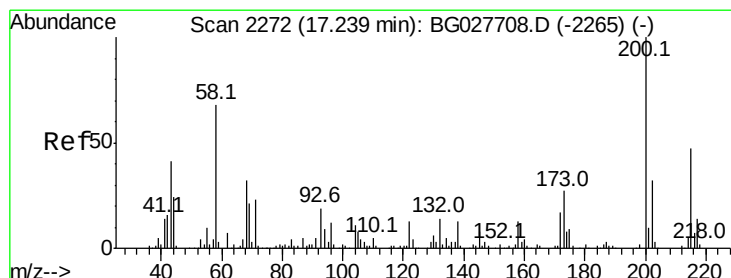
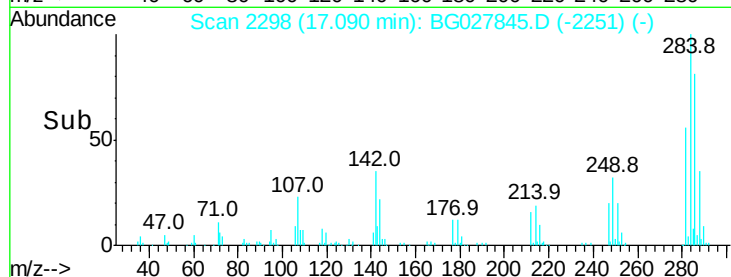
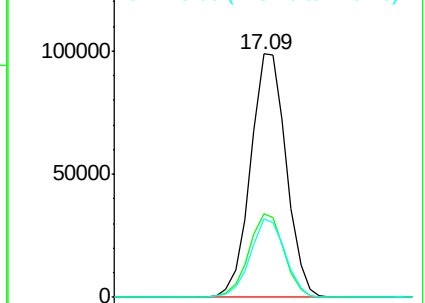
249 32.4 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.89 ng

RT: 17.23 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

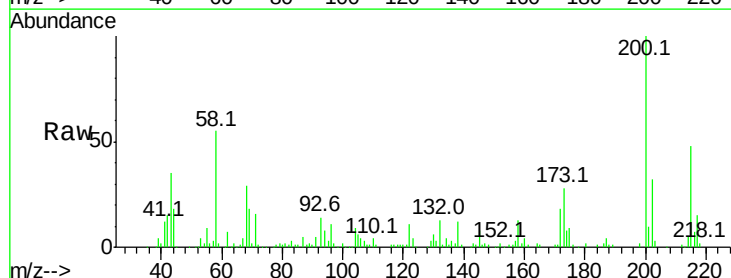
Tgt Ion:200 Resp: 122852

Ion Ratio Lower Upper

200 100

173 27.7 3.0 43.0

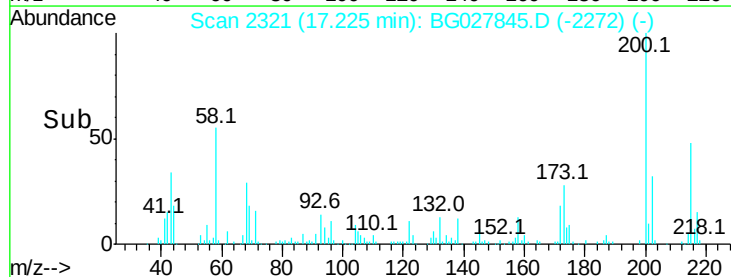
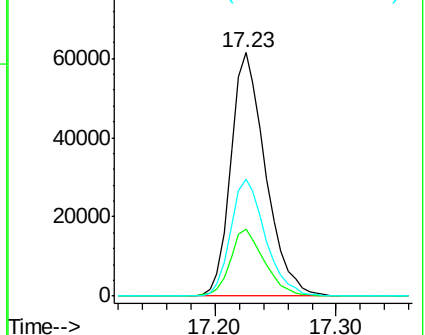
215 47.9 28.4 68.4

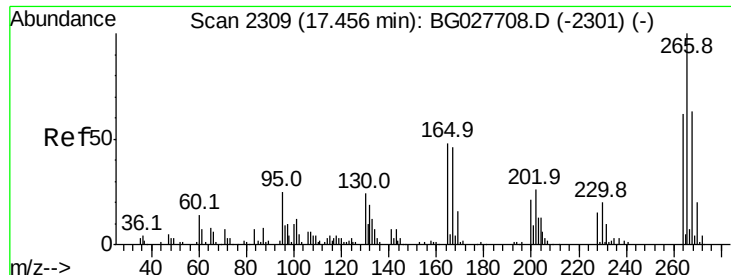


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 95.81 ng

RT: 17.44 min Scan# 2357

Delta R.T. -0.02 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampleId :

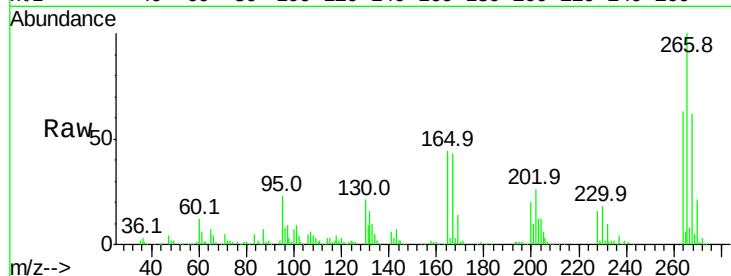
Tot Ion:266 Resp: 168074

Ion Ratio Lower Upper

266 100

268 61.9 48.6 72.8

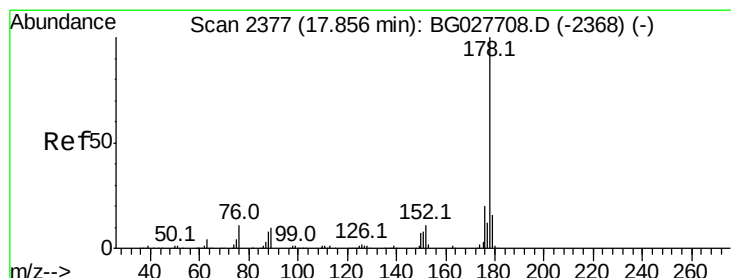
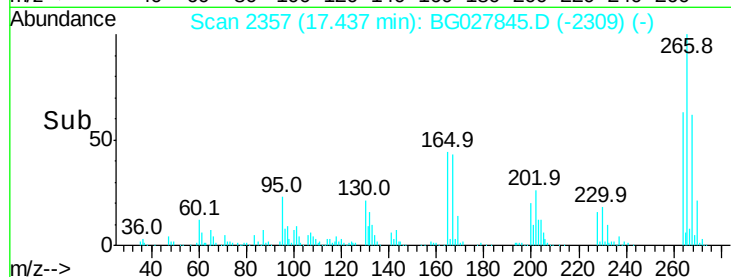
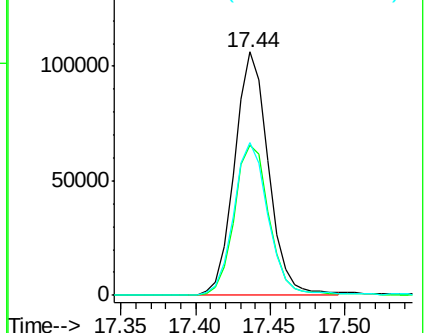
264 62.9 50.1 75.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 48.11 ng

RT: 17.84 min Scan# 2425

Delta R.T. -0.02 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

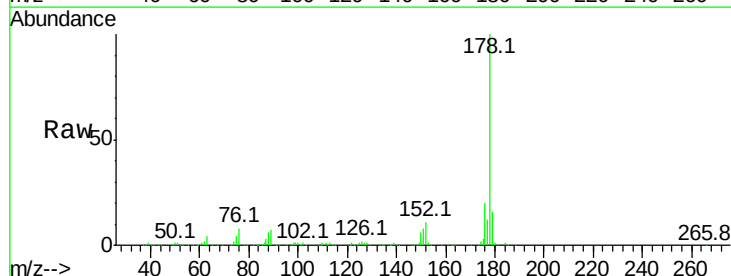
Tgt Ion:178 Resp: 679642

Ion Ratio Lower Upper

178 100

176 20.0 17.7 26.5

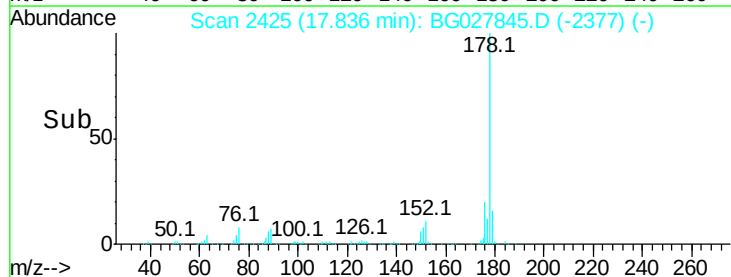
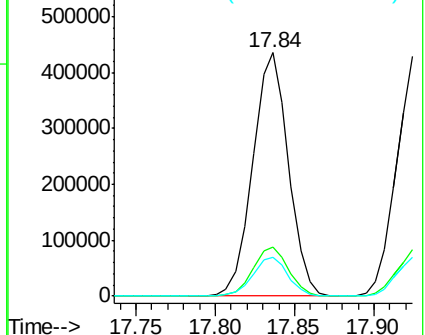
179 16.1 15.0 22.6

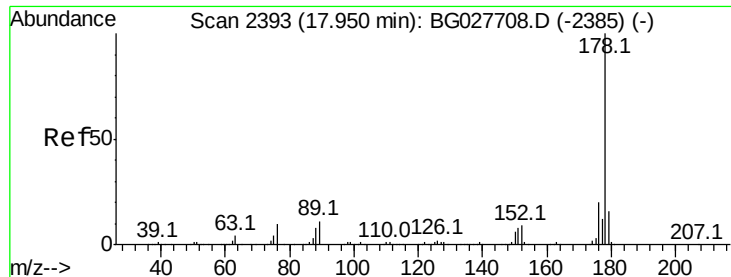


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 48.81 ng

RT: 17.92 min Scan# 2440

Delta R.T. -0.03 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

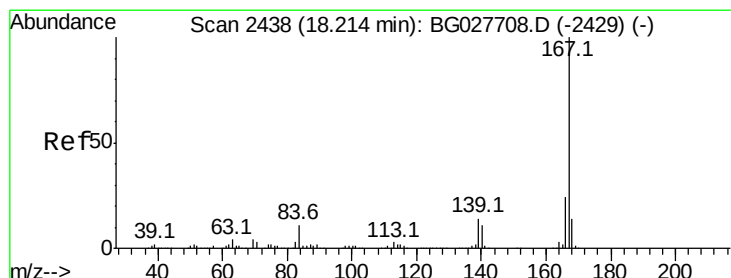
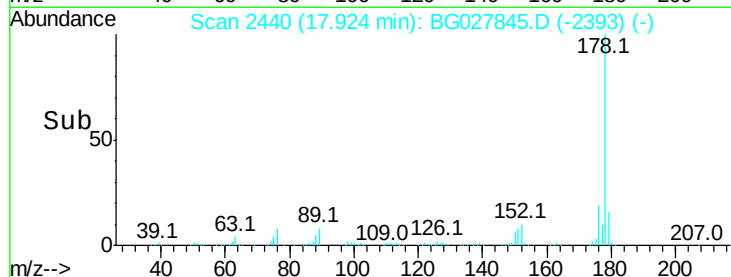
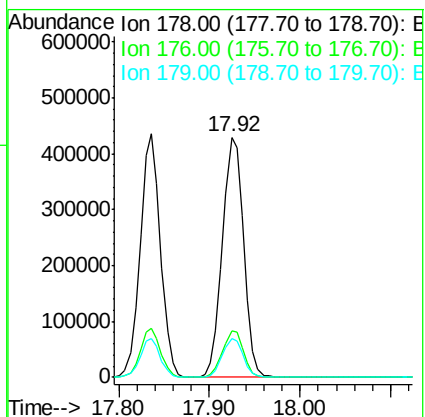
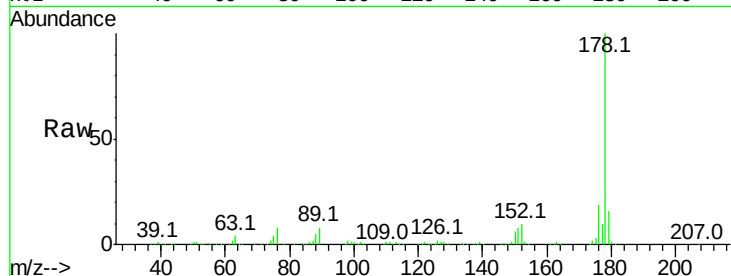
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 696223

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.4	24.6
179	16.0	13.8	20.8



#72

Carbazole

Concen: 43.85 ng

RT: 18.19 min Scan# 2486

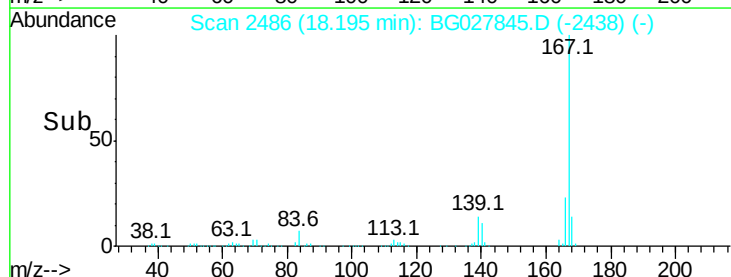
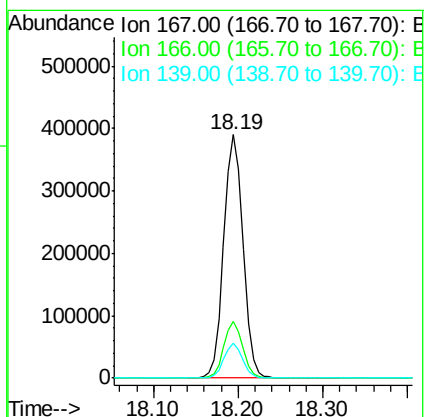
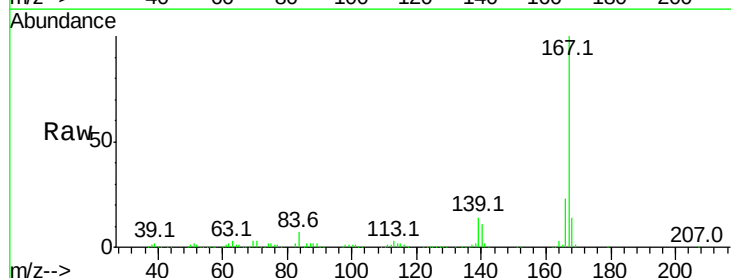
Delta R.T. -0.02 min

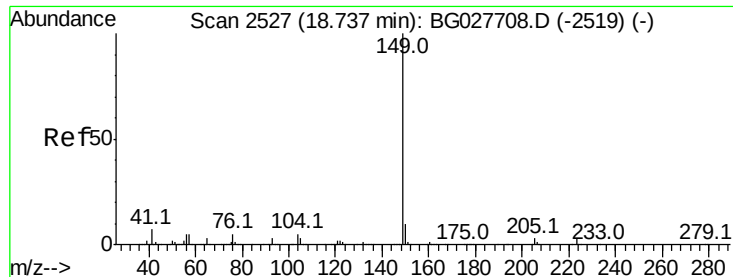
Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Tgt Ion:167 Resp: 616017

Ion	Ratio	Lower	Upper
167	100		
166	23.2	20.2	30.2
139	14.3	12.8	19.2

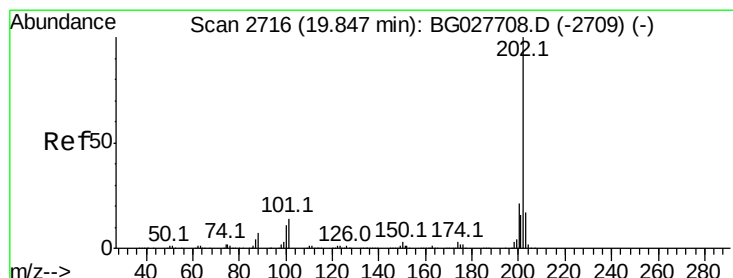
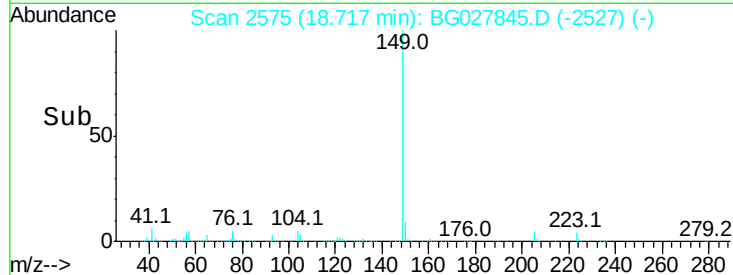
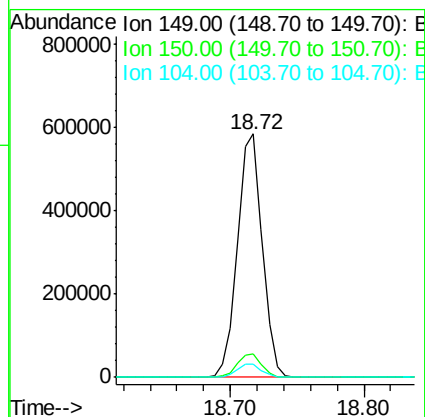
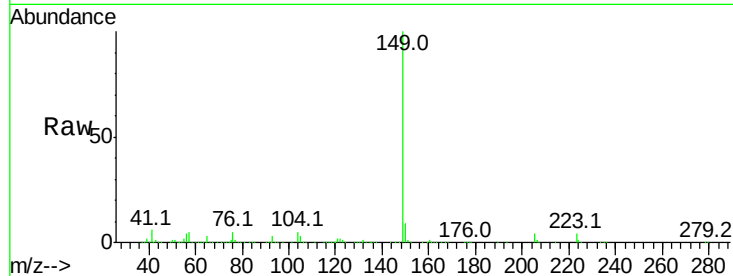




#73
Di-n-butylphthalate
Concen: 48.88 ng
RT: 18.72 min Scan# 2575
Delta R.T. -0.02 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

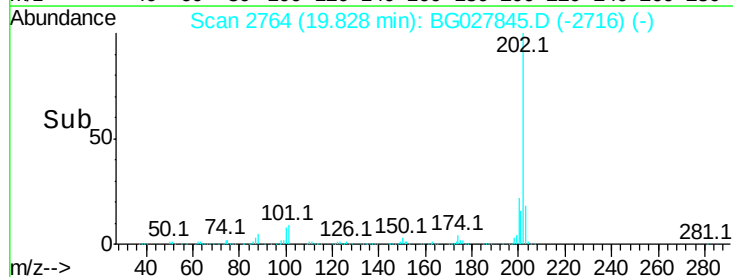
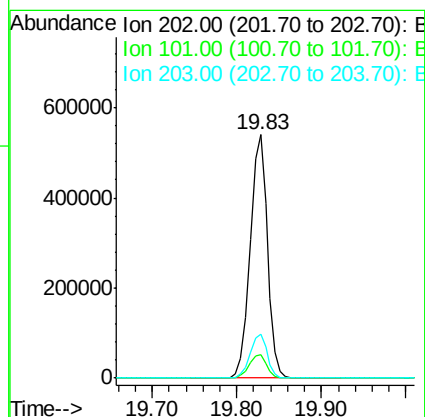
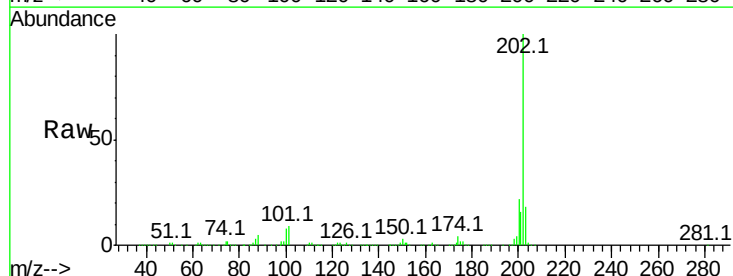
Instrument :
BNA_G
ClientSampleId :

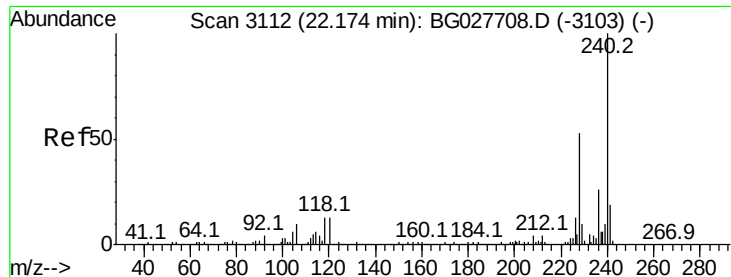
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	9.1	13.7
104	5.4	6.7	10.1



#74
Fluoranthene
Concen: 49.63 ng
RT: 19.83 min Scan# 2764
Delta R.T. -0.02 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.1
203	18.0	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.15 min Scan# 3159

Delta R.T. -0.03 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampleId :

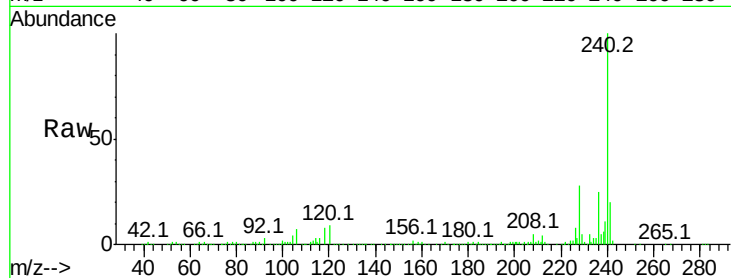
Tot Ion:240 Resp: 270013

Ion Ratio Lower Upper

240 100

120 9.2 5.7 8.5#

236 24.6 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

22.15

150000

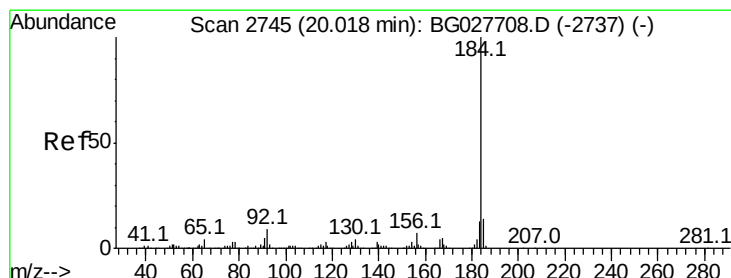
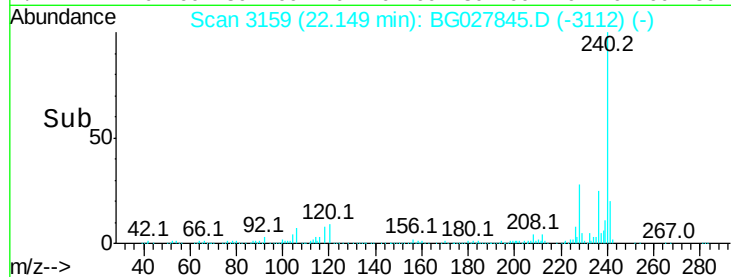
100000

50000

0

22.10 22.20 22.30

Time-->



#76

Benzidine

Concen: 49.21 ng

RT: 20.01 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

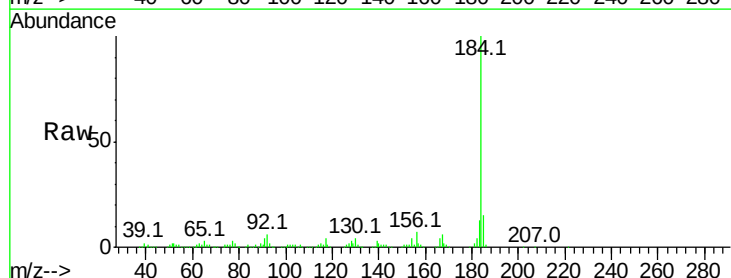
Tgt Ion:184 Resp: 316853

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.6

183 12.8 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

20.01

200000

150000

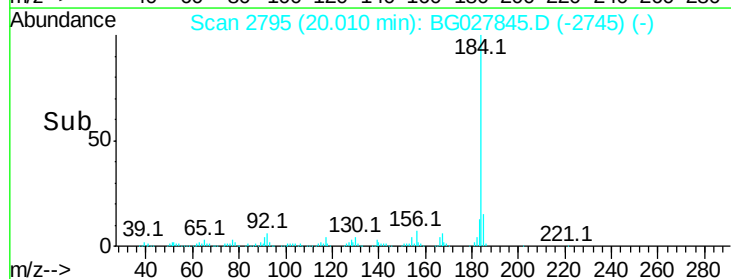
100000

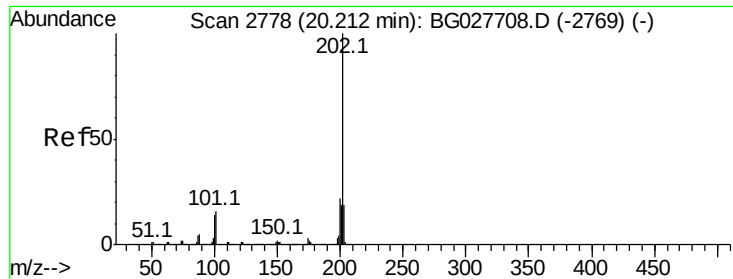
50000

0

19.90 20.00 20.10 20.20

Time-->





#77

Pvrene

Concen: 45.71 ng

RT: 20.19 min Scan# 2825

Delta R.T. -0.03 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

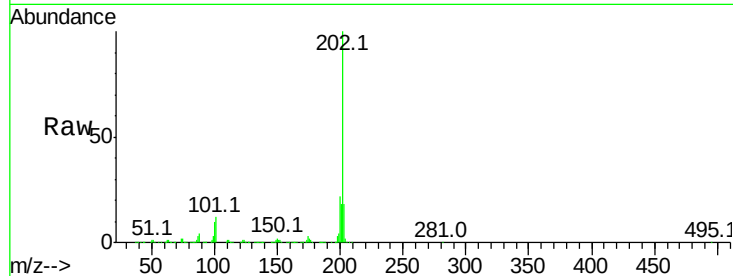
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 774570

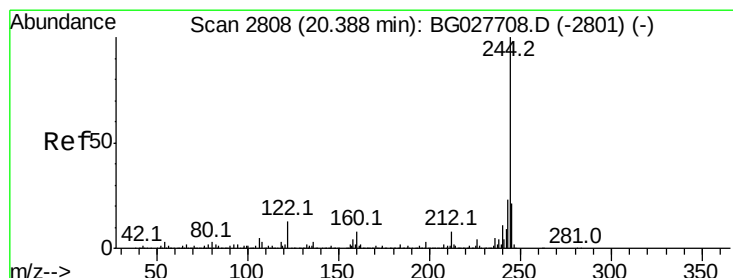
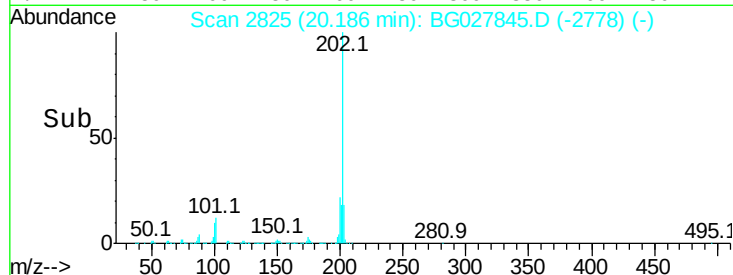
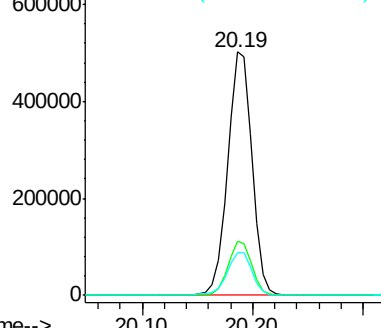
Ion	Ratio	Lower	Upper
202	100		
200	22.1	19.6	29.4
203	17.7	15.8	23.8



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: 98.95 ng

RT: 20.37 min Scan# 2856

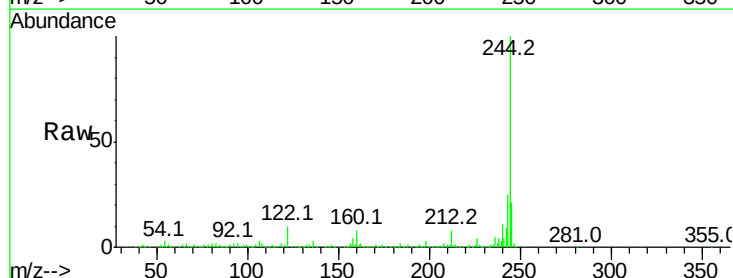
Delta R.T. -0.02 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Tgt Ion:244 Resp: 1139690

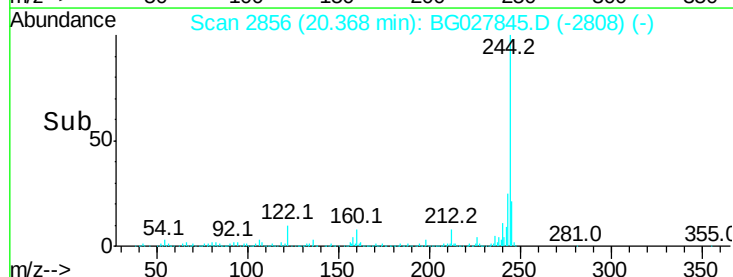
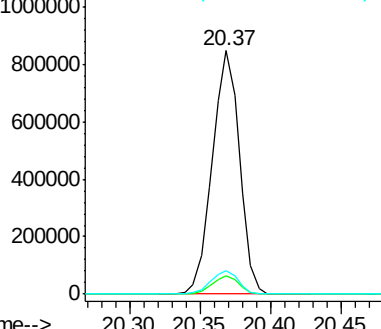
Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	9.8	8.6	12.8

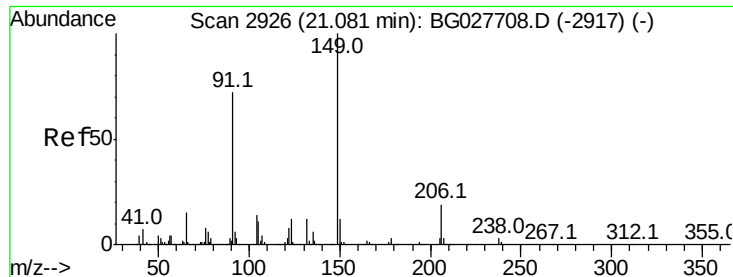


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

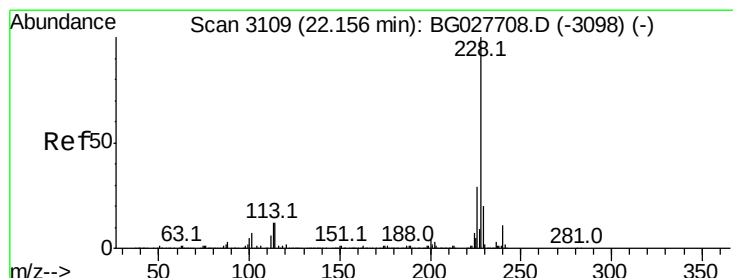
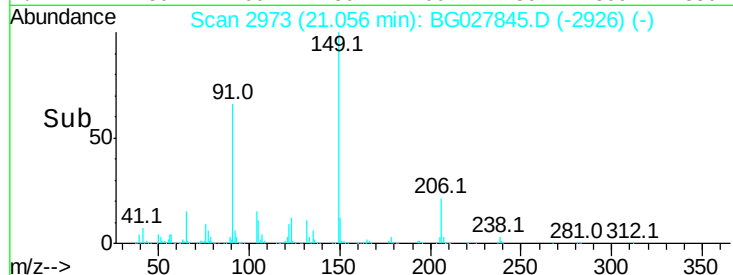
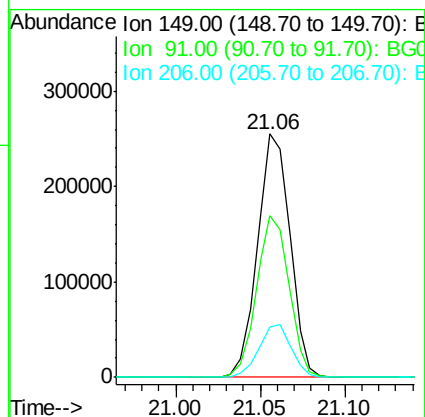
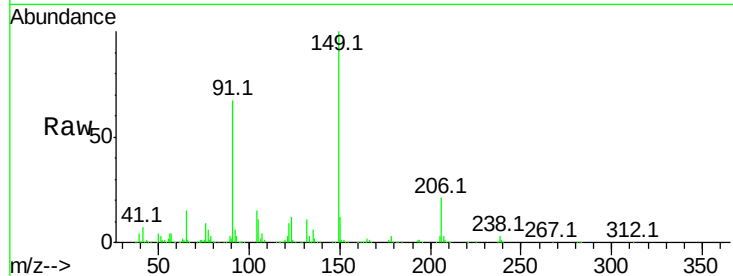




#79
Butylbenzylphthalate
Concen: 44.93 ng
RT: 21.06 min Scan# 2973
Delta R.T. -0.03 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

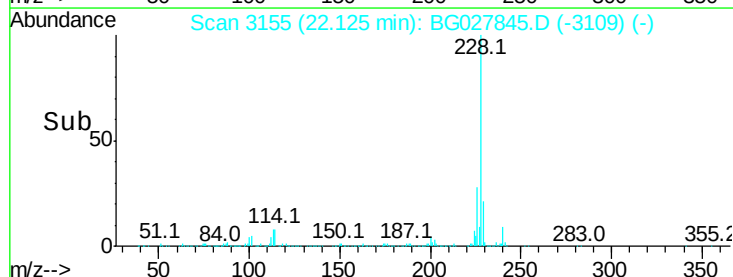
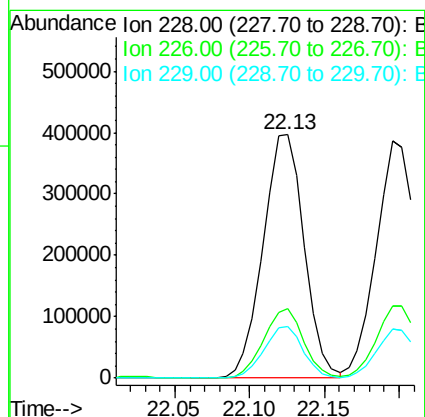
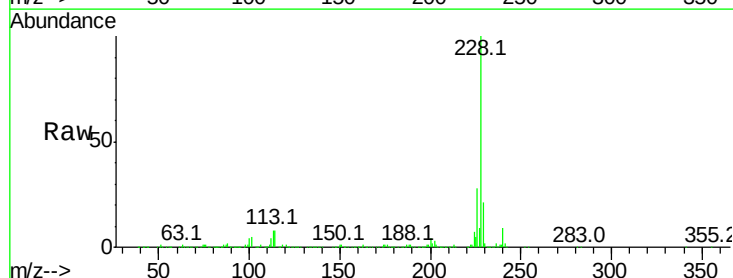
Instrument :
BNA_G
ClientSampleId :

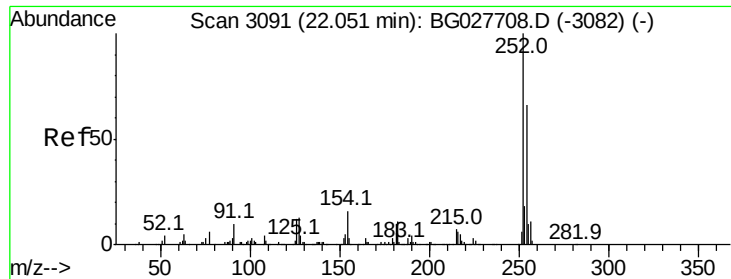
Tot Ion:149 Resp: 342882
Ion Ratio Lower Upper
149 100
91 66.5 63.5 95.3
206 20.9 21.0 31.6#



#80
Benzo(a)anthracene
Concen: 46.42 ng
RT: 22.13 min Scan# 3155
Delta R.T. -0.03 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Tgt Ion:228 Resp: 757724
Ion Ratio Lower Upper
228 100
226 28.5 24.9 37.3
229 21.3 18.2 27.2

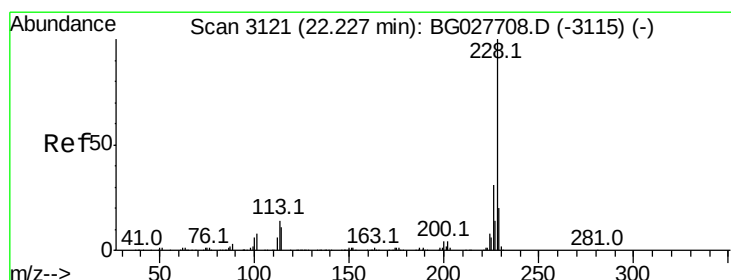
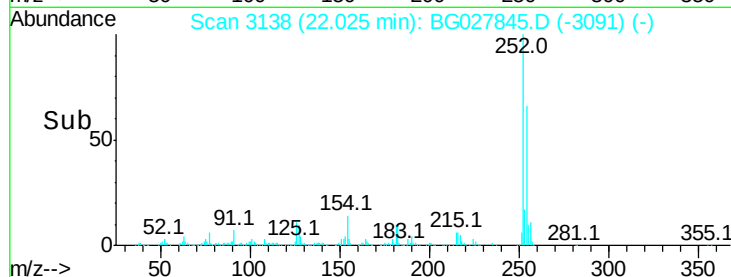
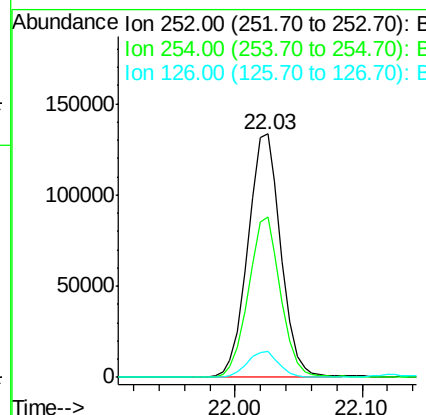
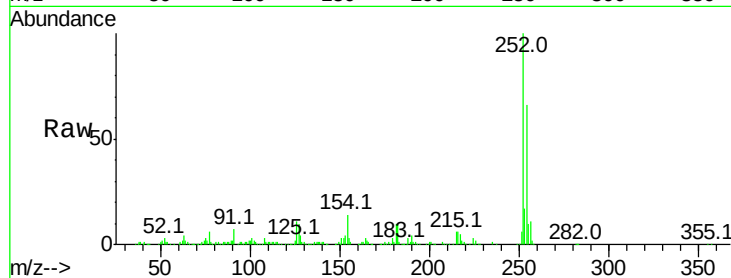




#81
 3,3'-Dichlorobenzidine
 Concen: 40.63 ng
 RT: 22.03 min Scan# 3138
 Delta R.T. -0.03 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

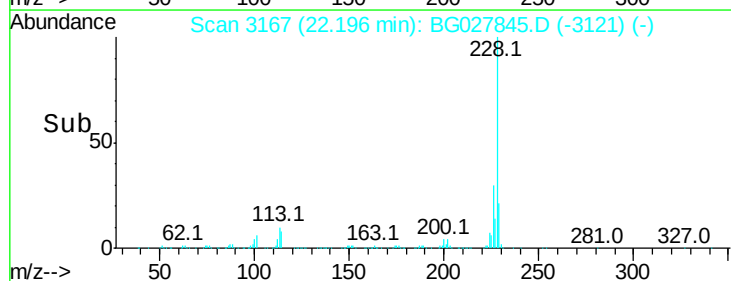
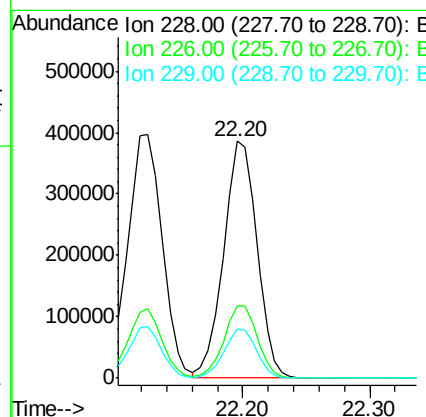
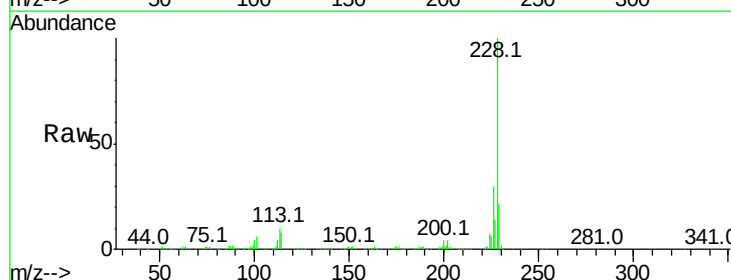
Instrument :
 BNA_G
 ClientSampleId :

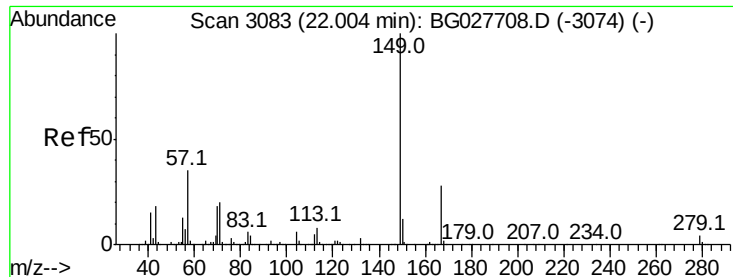
Tot Ion:252 Resp: 240749
 Ion Ratio Lower Upper
 252 100
 254 65.9 53.1 79.7
 126 10.5 7.0 10.4#



#82
 Chrysene
 Concen: 45.90 ng
 RT: 22.20 min Scan# 3167
 Delta R.T. -0.03 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion:228 Resp: 702391
 Ion Ratio Lower Upper
 228 100
 226 30.2 27.0 40.4
 229 20.8 17.8 26.6

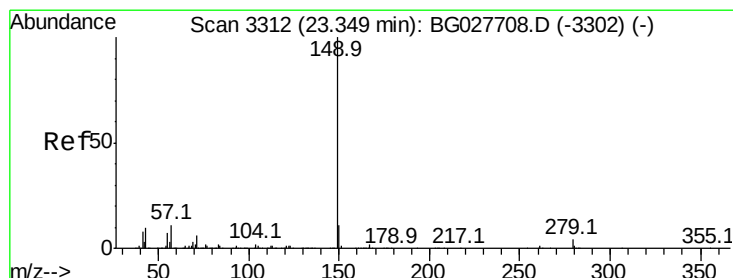
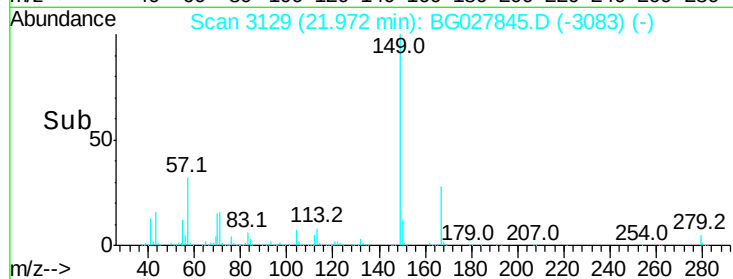
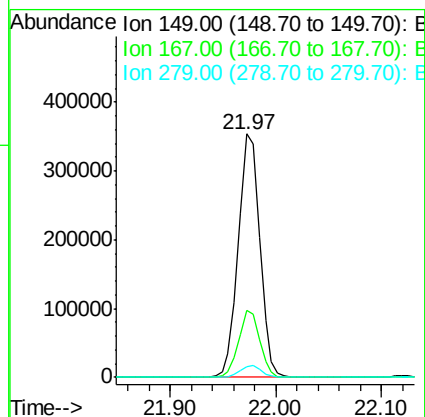
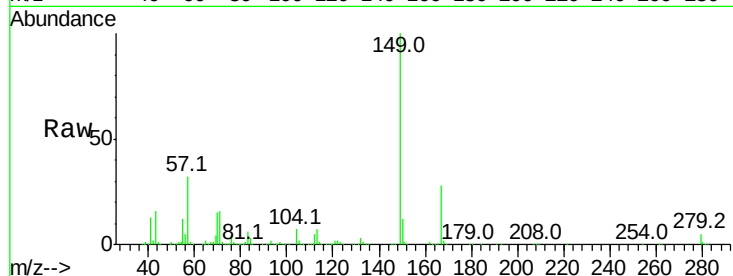




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.37 ng
 RT: 21.97 min Scan# 3129
 Delta R.T. -0.03 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

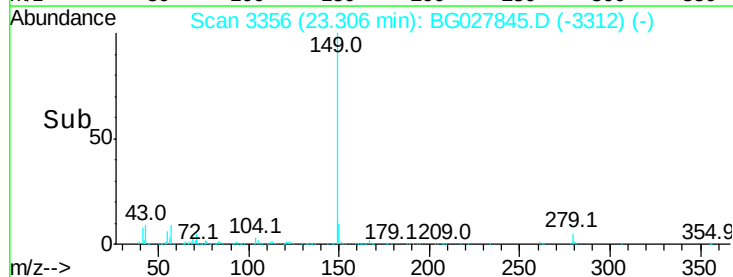
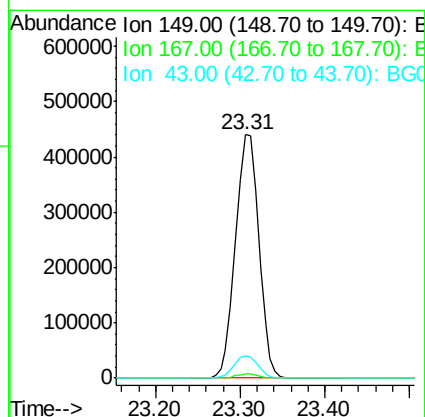
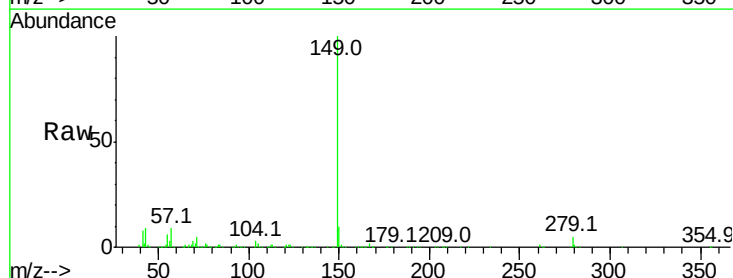
Instrument :
 BNA_G
 ClientSampleId :

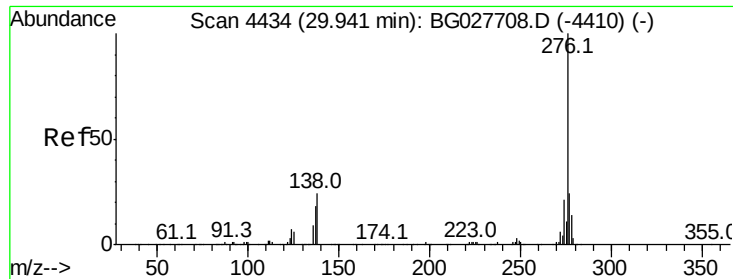
Tot Ion:149 Resp: 494856
 Ion Ratio Lower Upper
 149 100
 167 27.6 23.7 35.5
 279 4.6 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 45.36 ng
 RT: 23.31 min Scan# 3356
 Delta R.T. -0.04 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion:149 Resp: 835720
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.2
 43 9.4 11.8 17.6#

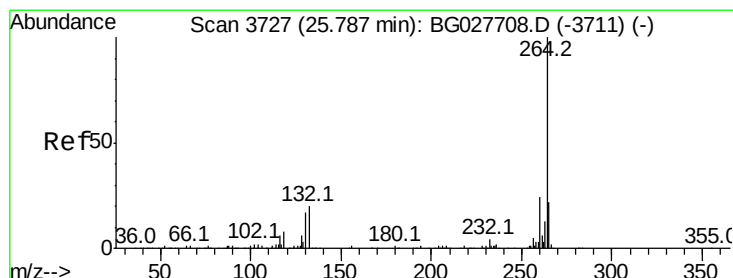
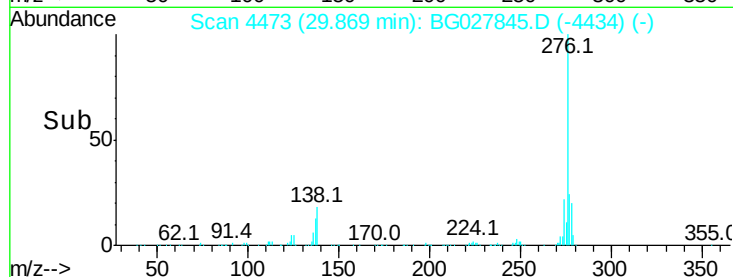
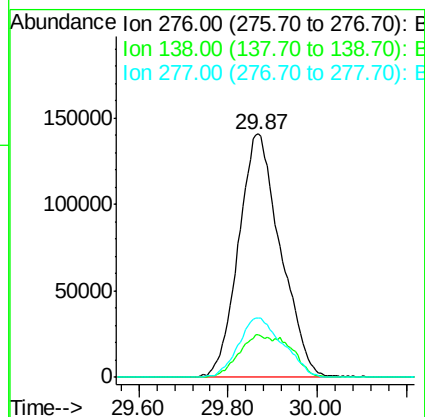
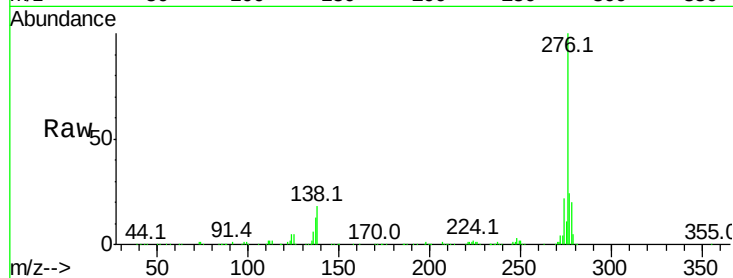




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.51 ng
 RT: 29.87 min Scan# 4473
 Delta R.T. -0.07 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

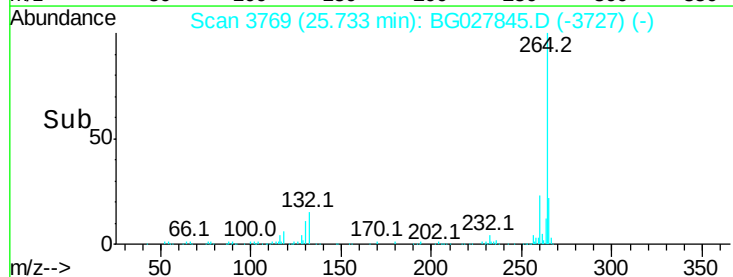
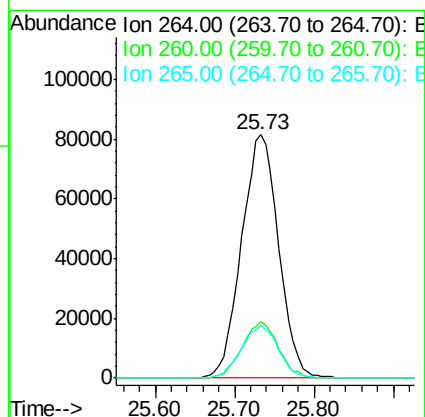
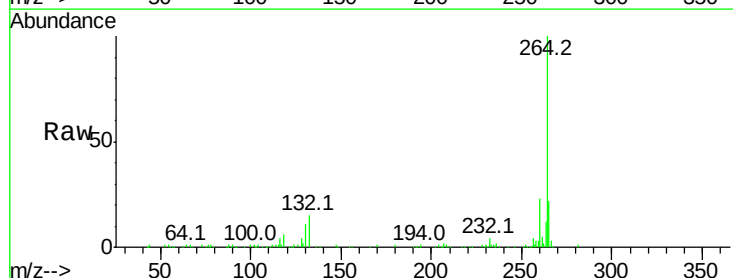
Instrument :
 BNA_G
 ClientSampleId :

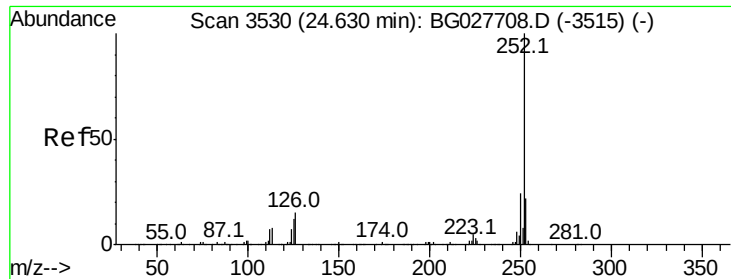
Tot Ion:276 Resp: 918255
 Ion Ratio Lower Upper
 276 100
 138 13.2 4.7 7.1#
 277 25.9 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.73 min Scan# 3769
 Delta R.T. -0.05 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion:264 Resp: 264500
 Ion Ratio Lower Upper
 264 100
 260 23.3 21.8 32.8
 265 21.8 18.2 27.4

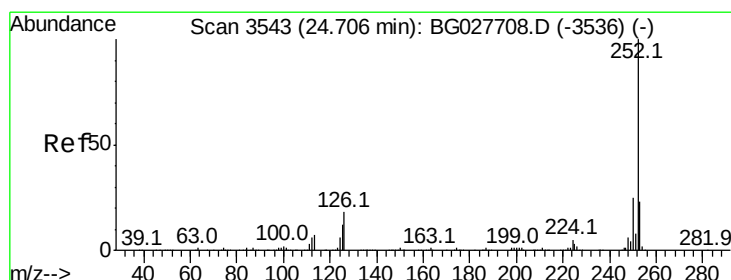
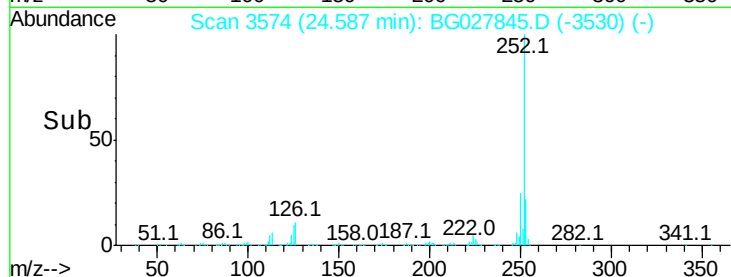
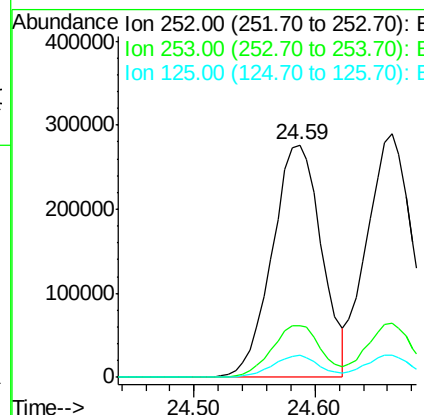
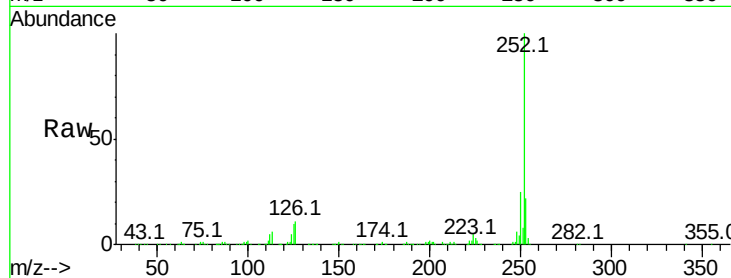




#87
 Benzo(b)fluoranthene
 Concen: 46.03 ng
 RT: 24.59 min Scan# 3574
 Delta R.T. -0.04 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

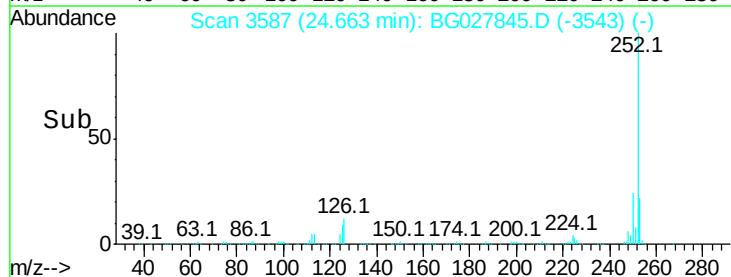
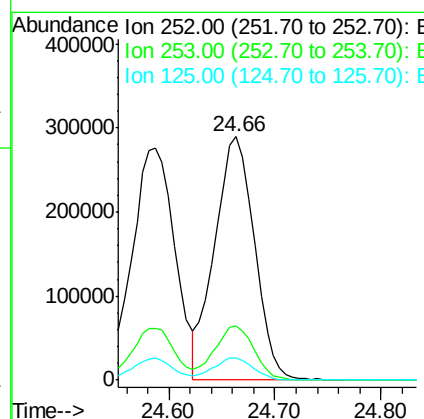
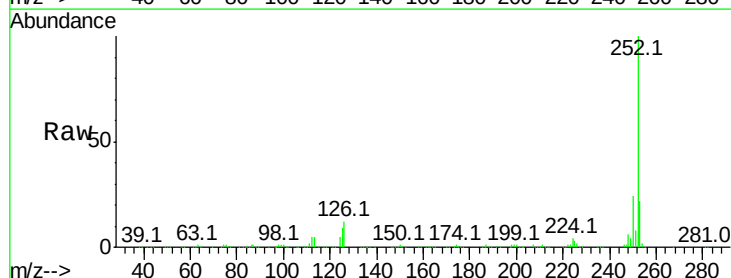
Instrument :
 BNA_G
 ClientSampleId :

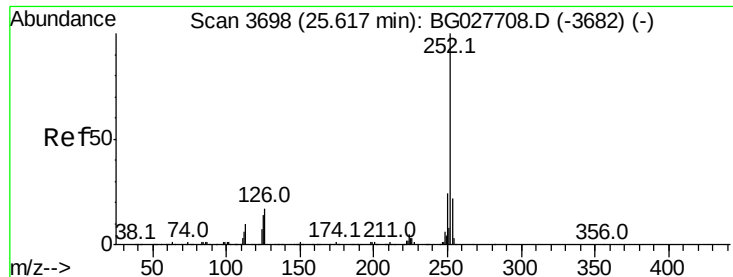
Tot Ion:252 Resp: 784344
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.7 28.1
 125 9.6 5.3 7.9#



#88
 Benzo(k)fluoranthene
 Concen: 44.97 ng
 RT: 24.66 min Scan# 3587
 Delta R.T. -0.04 min
 Lab File: BG027845.D
 Acq: 3 Jul 2017 23:30

Tgt Ion:252 Resp: 757561
 Ion Ratio Lower Upper
 252 100
 253 22.1 20.2 30.2
 125 9.1 5.1 7.7#

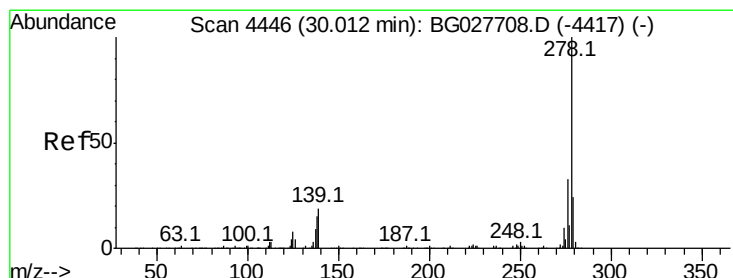
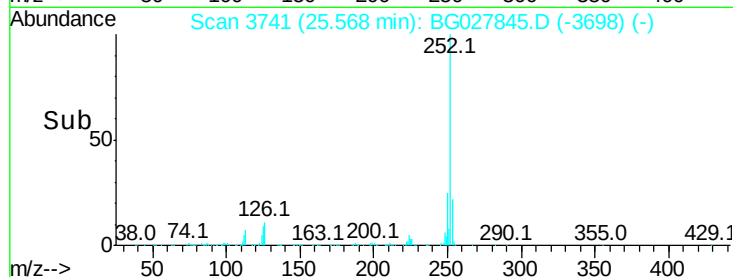
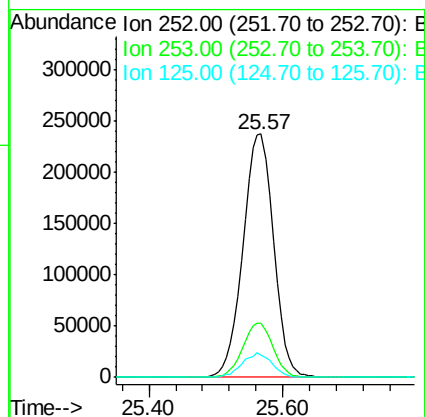
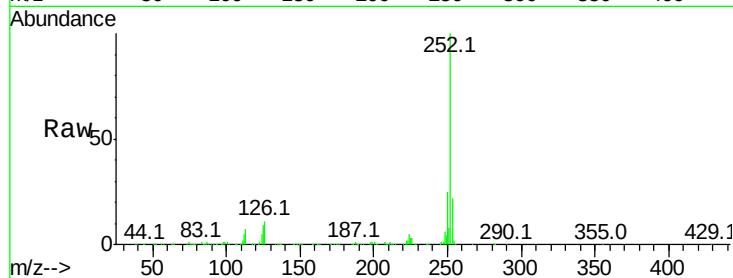




#89
Benzo(a)pyrene
Concen: 46.76 ng
RT: 25.57 min Scan# 3741
Delta R.T. -0.05 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

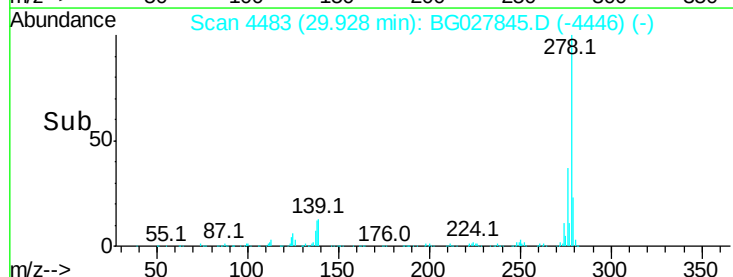
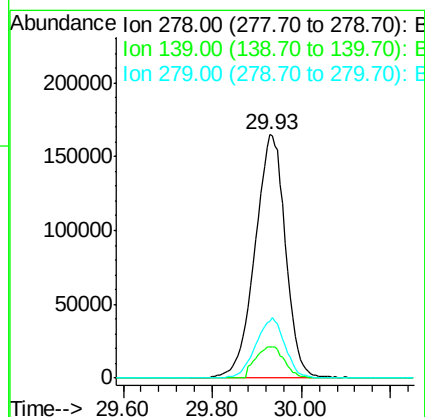
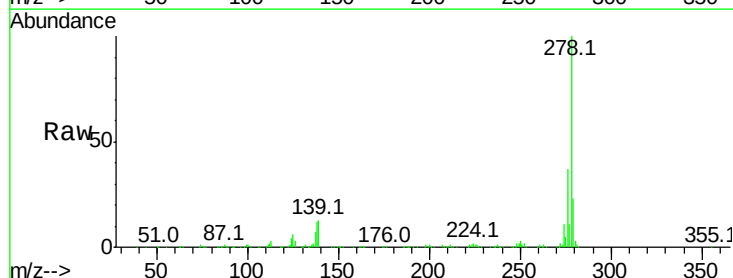
Instrument :
BNA_G
ClientSampleId :

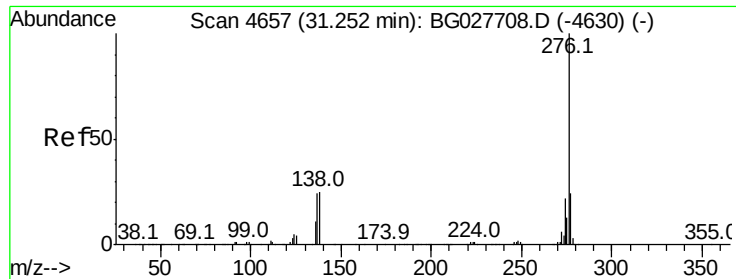
Tot Ion:252 Resp: 747737
Ion Ratio Lower Upper
252 100
253 22.1 19.2 28.8
125 9.2 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 47.94 ng
RT: 29.93 min Scan# 4483
Delta R.T. -0.08 min
Lab File: BG027845.D
Acq: 3 Jul 2017 23:30

Tgt Ion:278 Resp: 776613
Ion Ratio Lower Upper
278 100
139 12.7 7.7 11.5#
279 23.4 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 47.54 ng

RT: 31.17 min Scan# 4695

Delta R.T. -0.08 min

Lab File: BG027845.D

Acq: 3 Jul 2017 23:30

Instrument :

BNA_G

ClientSampleId :

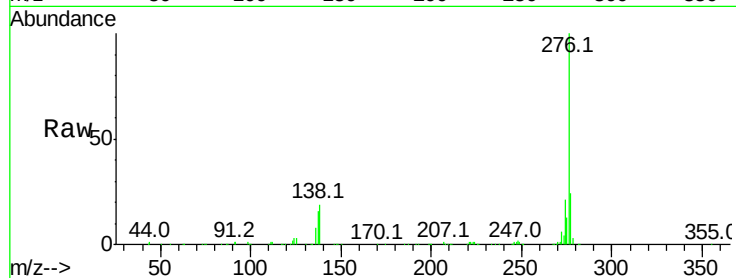
Tot Ion:276 Resp: 740032

Ion Ratio Lower Upper

276 100

277 23.9 18.6 27.8

138 18.9 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

