

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070517\
 Data File : BG027854.D
 Acq On : 5 Jul 2017 19:10
 Operator : SJ/JU
 Sample : I4035-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 06 00:59:53 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	29554	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	140658	20.00	ng	-0.03
38) Acenaphthene-d10	15.04	164	88798	20.00	ng	-0.03
63) Phenanthrene-d10	17.79	188	234715	20.00	ng	-0.03
75) Chrysene-d12	22.14	240	245246	20.00	ng	-0.03
86) Perylene-d12	25.72	264	15551	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.03	112	239437	124.76	ng	-0.03
7) Phenol-d6	7.60	99	306746	104.62	ng	-0.01
23) Nitrobenzene-d5	9.62	82	214613	85.05	ng	-0.03
41) 2,4,6-Tribromophenol	16.53	330	232025	190.50	ng	-0.02
44) 2-Fluorobiphenyl	13.66	172	598076	96.19	ng	-0.03
78) Terphenyl-d14	20.37	244	1115197	106.60	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.02	88	21488	30.07	ng	# 93
4) n-Nitrosodimethylamine	4.31	42	42109	39.03	ng	# 80
6) Aniline	7.86	93	76220	22.43	ng	# 57
8) 2-Chlorophenol	8.02	128	95494	44.53	ng	90
9) Benzaldehyde	7.60	77	33964	19.47	ng	89
10) Phenol	7.62	94	105396	36.33	ng	89
11) bis(2-Chloroethyl)ether	7.86	93	76220	34.59	ng	98
12) 1,3-Dichlorobenzene	8.34	146	83252	36.50	ng	# 90
13) 1,4-Dichlorobenzene	8.49	146	86673	36.67	ng	96
14) 1,2-Dichlorobenzene	8.81	146	87297	38.09	ng	91
15) Benzyl Alcohol	8.69	79	6232	3.07	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.96	45	159141	33.86	ng	98
17) 2-Methylphenol	8.88	107	77650	37.84	ng	# 87
18) Hexachloroethane	9.54	117	28731	34.56	ng	85
19) n-Nitroso-di-n-propylamine	9.24	70	81961	38.42	ng	# 96
20) 3+4-Methylphenols	9.21	107	100024	33.80	ng	91
22) Acetophenone	9.27	105	143338	42.23	ng	# 89
24) Nitrobenzene	9.66	77	108404	41.09	ng	# 84
25) Isophorone	10.18	82	233699	42.49	ng	# 94
26) 2-Nitrophenol	10.37	139	52984	44.46	ng	85
27) 2,4-Dimethylphenol	10.42	122	99908	44.76	ng	93
28) bis(2-Chloroethoxy)methane	10.64	93	51241	16.43	ng	92
29) 2,4-Dichlorophenol	10.91	162	100737	51.50	ng	97
30) 1,2,4-Trichlorobenzene	11.13	180	85858	43.04	ng	# 93
31) Naphthalene	11.32	128	303426	40.56	ng	99
32) Benzoic acid	10.53	122	42996	34.56	ng	88
33) 4-Chloroaniline	11.32	127	41193	12.75	ng	# 27
34) Hexachlorobutadiene	11.59	225	52013	46.79	ng	97
35) Caprolactam	12.24	113	32321	32.85	ng	# 83
36) 4-Chloro-3-methylphenol	12.51	107	115760	42.06	ng	# 87
37) 2-Methylnaphthalene	12.89	142	240868	43.23	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	115302	49.41	ng	98
40) Hexachlorocyclopentadiene	13.22	237	149066	135.49	ng	97
42) 2,4,6-Trichlorophenol	13.48	196	90458	53.67	ng	97

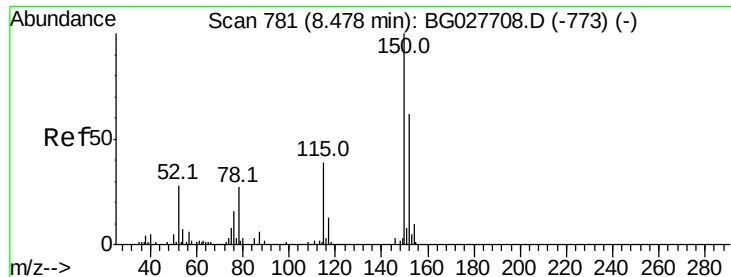
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.56	196	96974	50.78	nq	94
45) 1,1'-Biphenyl	13.88	154	330373	46.42	nq	97
46) 2-Chloronaphthalene	13.93	162	247686	46.07	nq	98
47) 2-Nitroaniline	14.13	65	58428	27.15	nq	# 83
48) Acenaphthylene	14.77	152	274947	27.99	nq	95
49) Dimethylphthalate	14.48	163	377966	49.90	nq	98
50) 2,6-Dinitrotoluene	14.61	165	82014	49.81	nq	# 79
51) Acenaphthene	15.10	154	257236	40.85	nq	96
52) 3-Nitroaniline	14.97	138	6920	3.57	nq	# 83
53) 2,4-Dinitrophenol	15.15	184	108569	115.83	nq	94
54) Dibenzofuran	15.44	168	422083	50.69	nq	97
55) 4-Nitrophenol	15.25	139	109140	73.80	nq	# 64
56) 2,4-Dinitrotoluene	15.39	165	121178	52.76	nq	# 88
57) Fluorene	16.09	166	370090	45.84	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.66	232	95175	57.82	nq	93
59) Diethylphthalate	15.83	149	415617	49.55	nq	96
60) 4-Chlorophenyl-phenylether	16.07	204	181626	50.82	nq	96
61) 4-Nitroaniline	16.11	138	20217	10.02	nq	# 72
62) Azobenzene	16.36	77	289921	39.33	nq	95
64) 4,6-Dinitro-2-methylphenol	16.16	198	70452	48.10	nq	87
66) 4-Bromophenyl-phenylether	16.96	248	126623	51.58	nq	91
67) Hexachlorobenzene	17.09	284	135251	52.02	nq	94
68) Atrazine	17.44	200	28909	11.99	nq	# 36
69) Pentachlorophenol	17.44	266	154873	92.28	nq	96
70) Phenanthrene	17.84	178	613300	45.26	nq	95
71) Anthracene	17.92	178	594282	43.43	nq	98
73) Di-n-butylphthalate	18.71	149	702826	47.46	nq	# 94
74) Fluoranthene	19.82	202	674438	45.54	nq	96
76) Benzydine	20.00	184	147	3.24	nq	# 64
77) Pyrene	20.19	202	479653	31.16	nq	95
79) Butylbenzylphthalate	21.06	149	281389	40.59	nq	87
80) Benzo(a)anthracene	22.12	228	620486	41.85	nq	94
82) Chrysene	22.20	228	608835	43.81	nq	94
83) Bis(2-ethylhexyl)phthalate	21.97	149	438646	43.30	nq	# 96
84) Di-n-octyl phthalate	23.31	149	735041	43.92	nq	# 89
85) Indeno(1,2,3-cd)pyrene	29.84	276	156401	9.85	nq	# 88
87) Benzo(b)fluoranthene	24.58	252	599701	598.57	nq	# 96
88) Benzo(k)fluoranthene	24.65	252	478667	483.34	nq	# 94
89) Benzo(a)pyrene	25.55	252	158552	168.65	nq	# 96
90) Dibenzo(a,h)anthracene	29.92	278	484431	508.65	nq	# 97
91) Benzo(g,h,i)perylene	31.13	276	166809	182.25	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

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ClientSampleId :

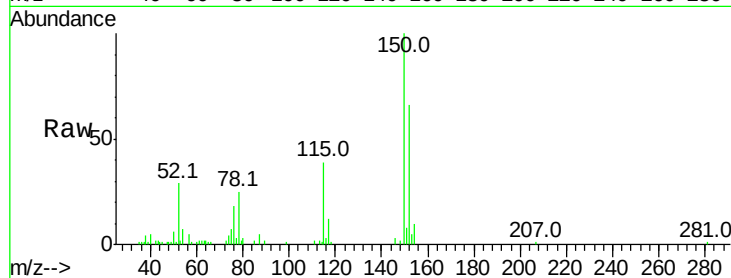
Tot Ion:152 Resp: 29554

Ion Ratio Lower Upper

152 100

150 152.6 114.0 171.0

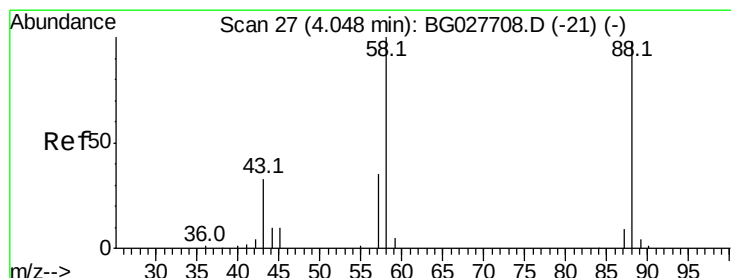
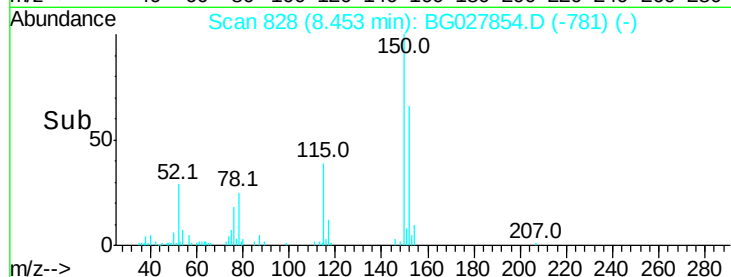
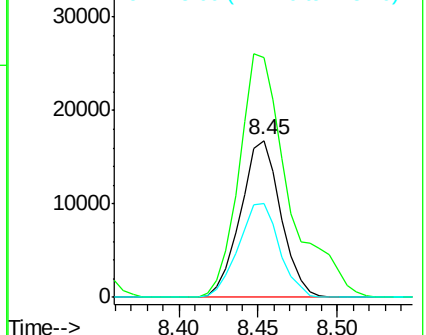
115 59.6 48.1 72.1



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: 30.07 ng

RT: 4.02 min Scan# 73

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

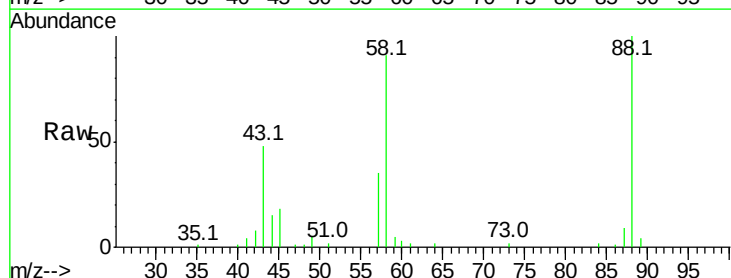
Tgt Ion: 88 Resp: 21488

Ion Ratio Lower Upper

88 100

58 101.6 79.4 119.2

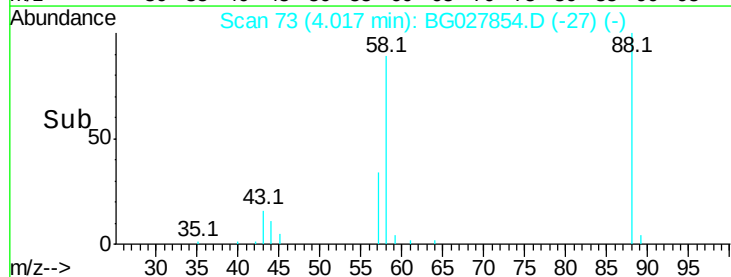
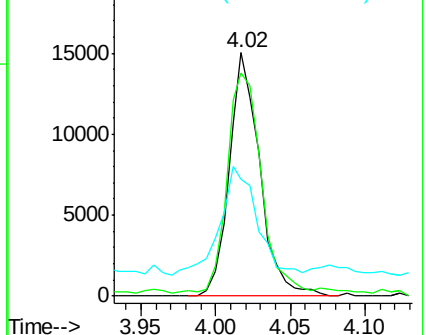
43 54.7 33.8 50.6#

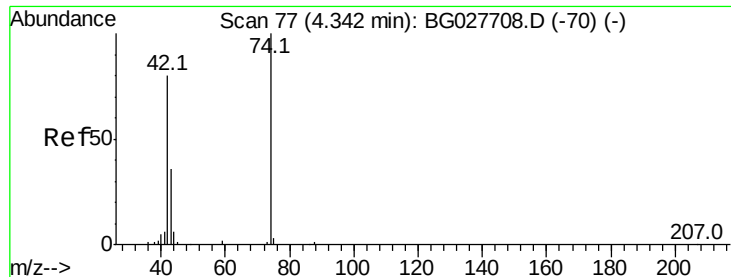


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 39.03 ng

RT: 4.31 min Scan# 123

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

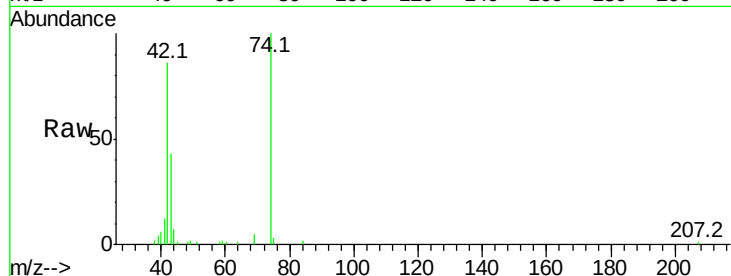
Tot Ion: 42 Resp: 42109

Ion Ratio Lower Upper

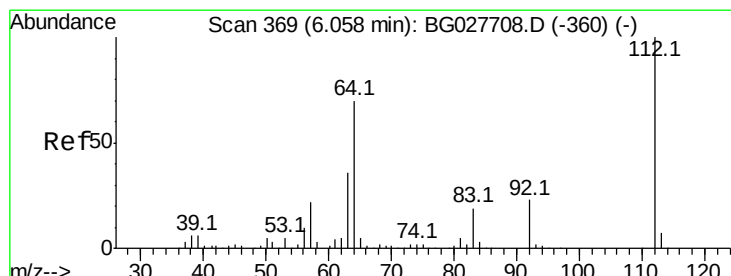
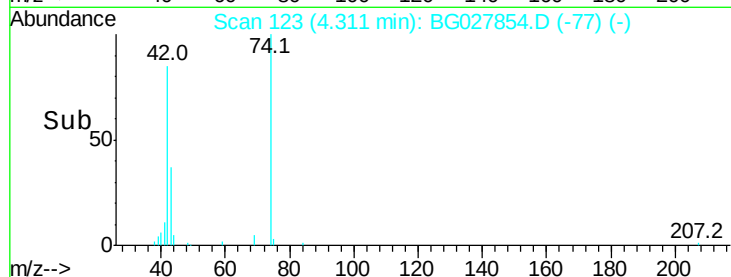
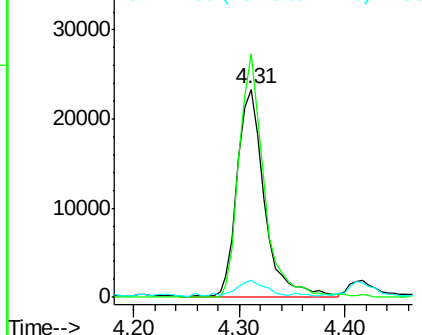
42 100

74 116.9 76.7 115.1#

44 8.2 6.1 9.1



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 124.76 ng

RT: 6.03 min Scan# 416

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

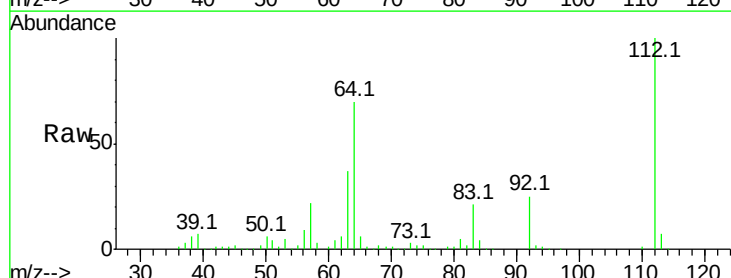
Tgt Ion: 112 Resp: 239437

Ion Ratio Lower Upper

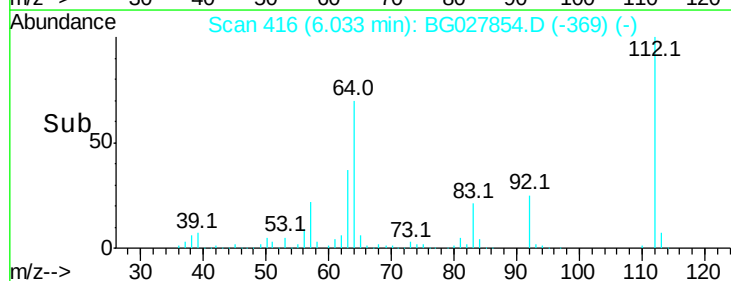
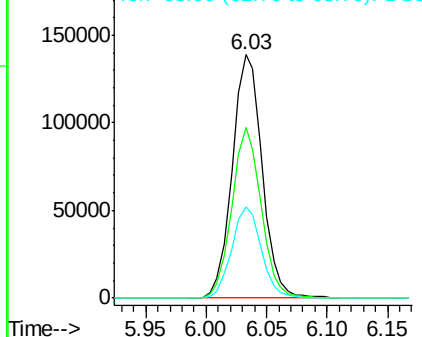
112 100

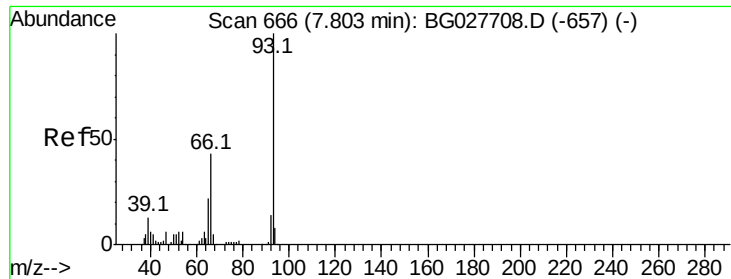
64 70.3 61.8 92.6

63 37.3 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 22.43 ng

RT: 7.86 min Scan# 727

Delta R.T. 0.06 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

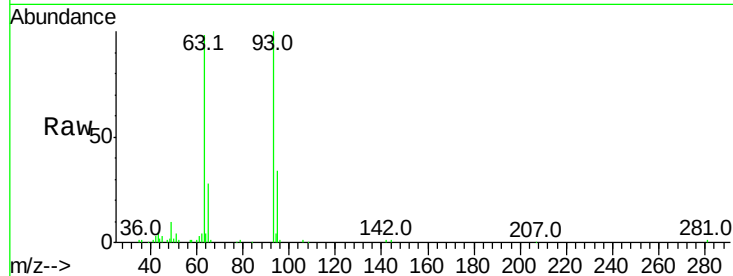
Tot Ion: 93 Resp: 76220

Ion Ratio Lower Upper

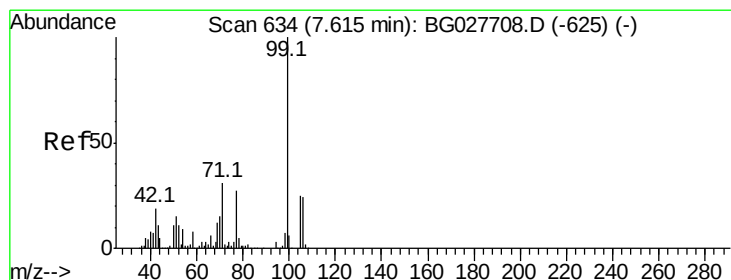
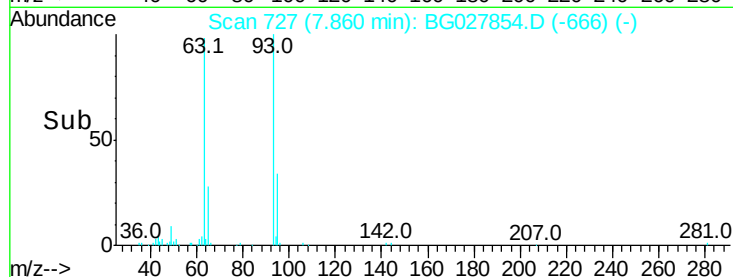
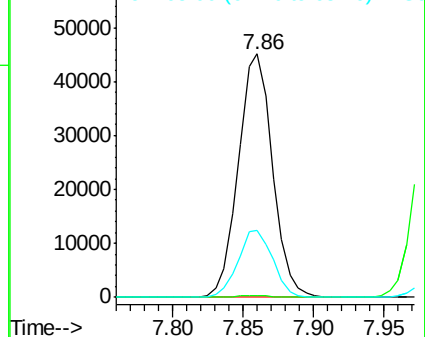
93 100

66 0.9 35.4 53.2#

65 27.6 21.2 31.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 104.62 ng

RT: 7.60 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

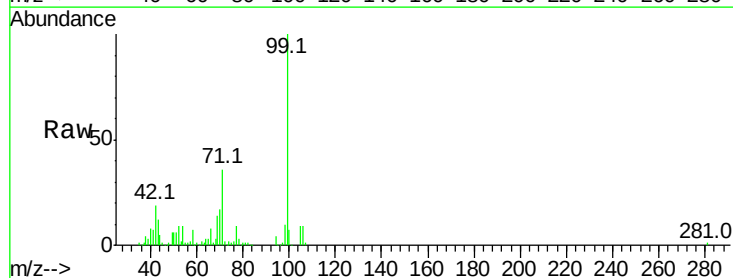
Tgt Ion: 99 Resp: 306746

Ion Ratio Lower Upper

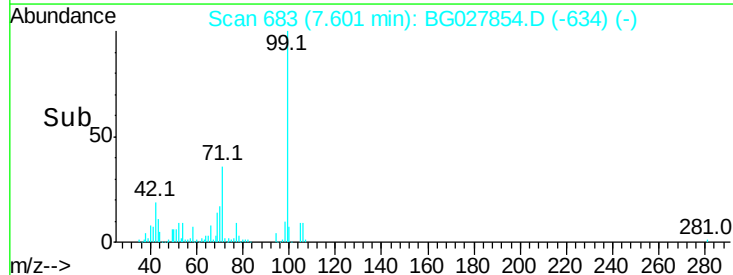
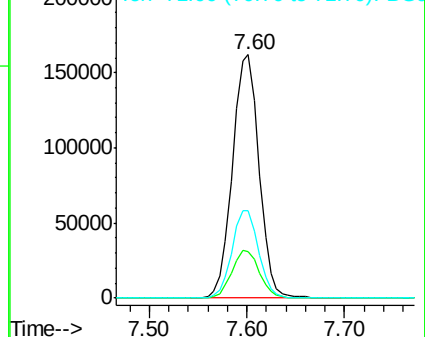
99 100

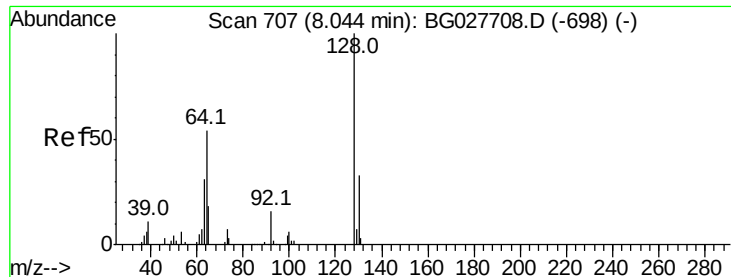
42 19.0 20.5 30.7#

71 35.8 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: 44.53 ng

RT: 8.02 min Scan# 754

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

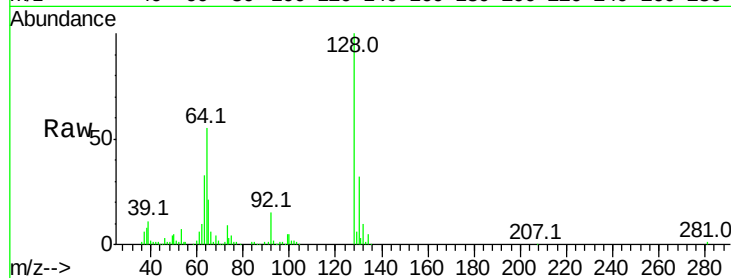
Tot Ion:128 Resp: 95494

Ion Ratio Lower Upper

128 100

130 31.9 11.4 51.4

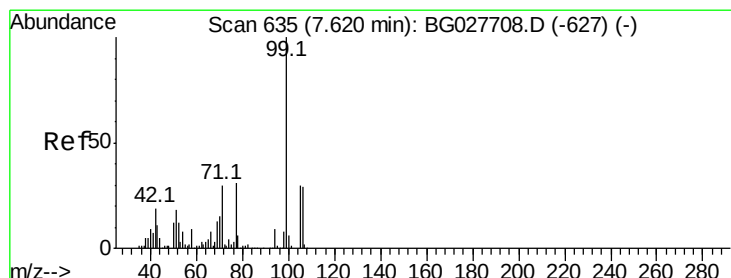
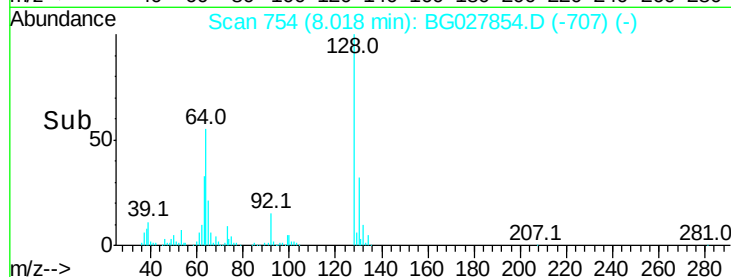
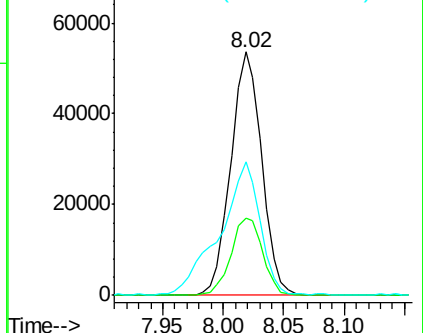
64 55.1 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 19.47 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

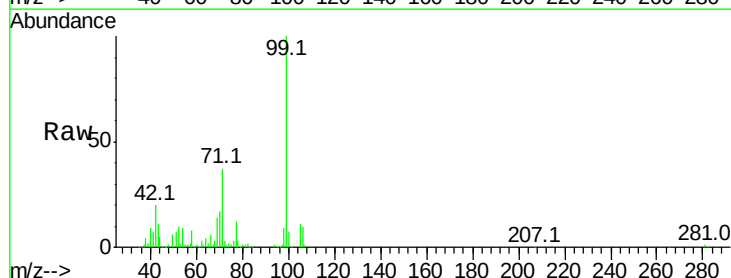
Tgt Ion: 77 Resp: 33964

Ion Ratio Lower Upper

77 100

105 90.8 60.9 100.9

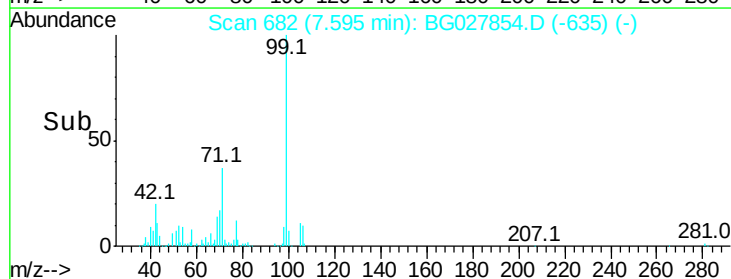
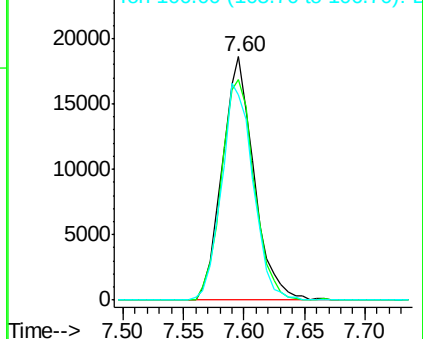
106 84.4 55.1 95.1

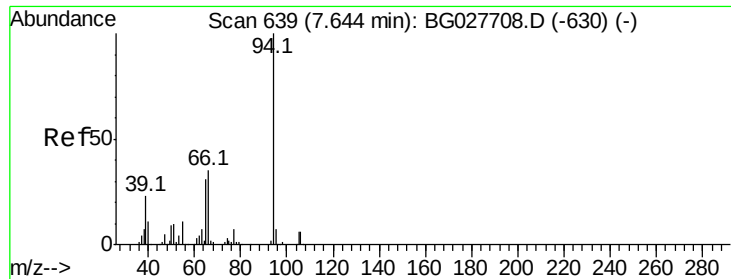


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 36.33 ng

RT: 7.62 min Scan# 687

Delta R.T. -0.02 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

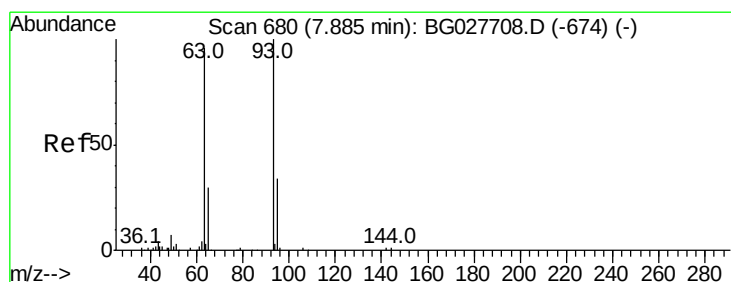
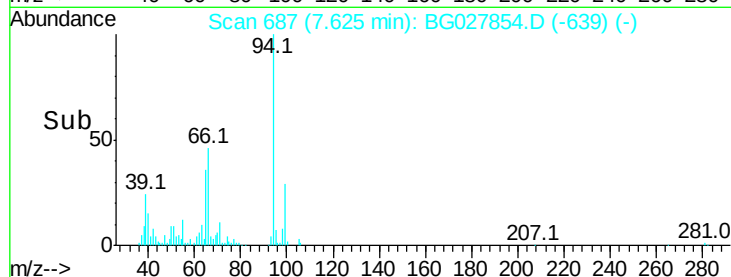
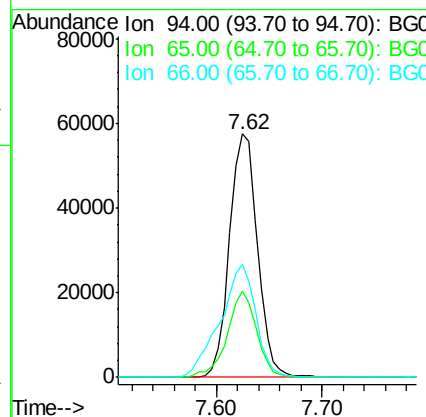
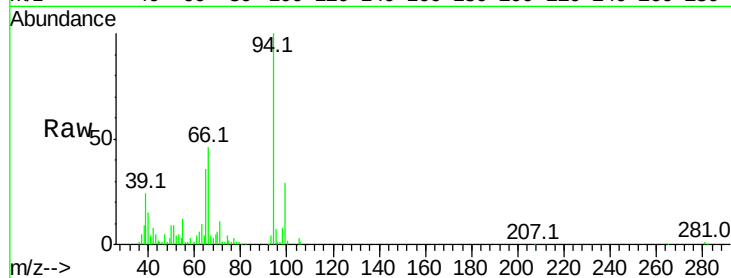
Tot Ion: 94 Resp: 105396

Ion Ratio Lower Upper

94 100

65 35.6 20.6 60.6

66 46.2 35.5 75.5



#11

bis(2-Chloroethyl)ether

Concen: 34.59 ng

RT: 7.86 min Scan# 727

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

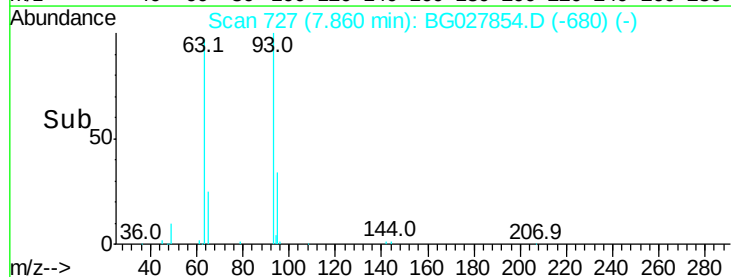
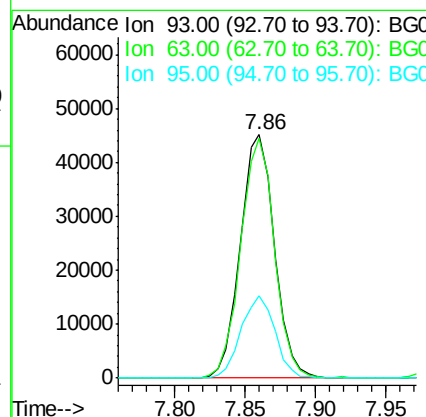
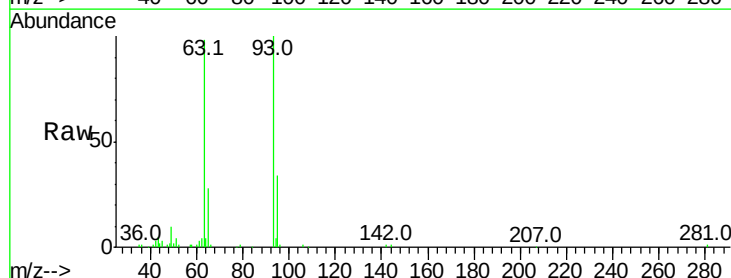
Tgt Ion: 93 Resp: 76220

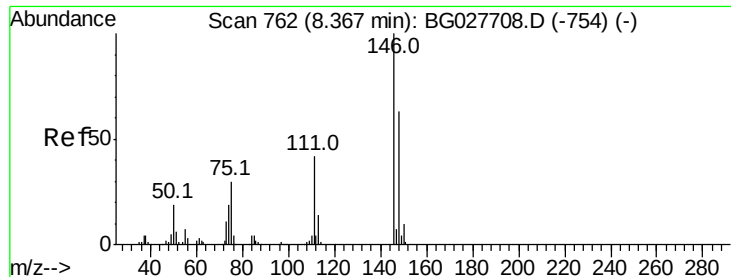
Ion Ratio Lower Upper

93 100

63 98.4 78.5 118.5

95 34.0 9.8 49.8





#12

1,3-Dichlorobenzene

Concen: 36.50 ng

RT: 8.34 min Scan# 809

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

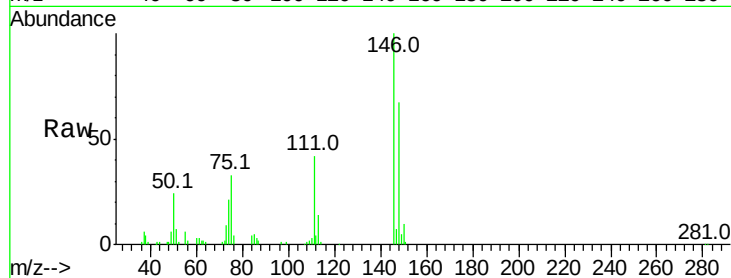
Tot Ion:146 Resp: 83252

Ion Ratio Lower Upper

146 100

148 67.3 49.2 73.8

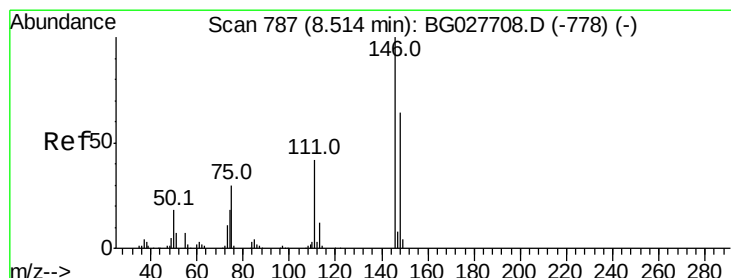
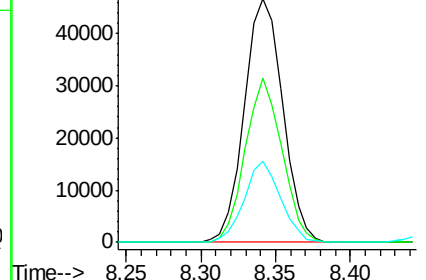
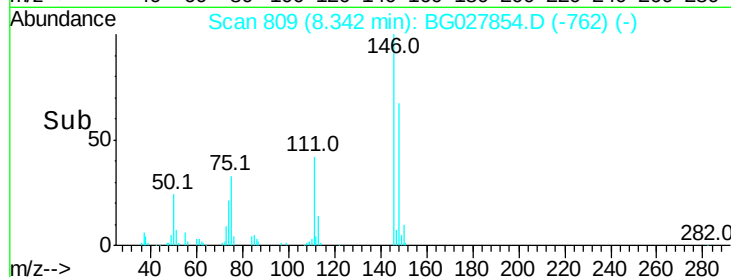
75 33.2 33.4 50.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 36.67 ng

RT: 8.49 min Scan# 834

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

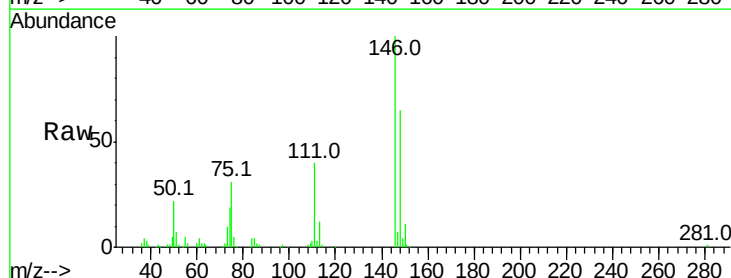
Tgt Ion:146 Resp: 86673

Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.2

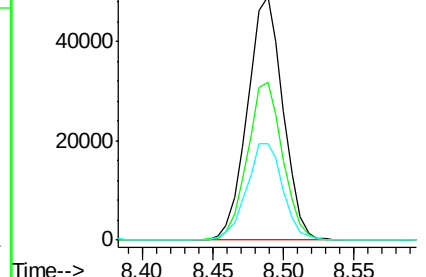
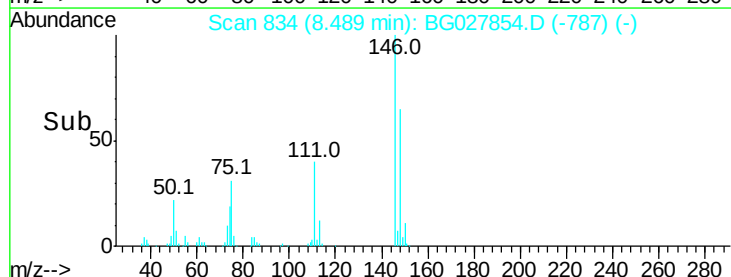
111 39.7 37.0 55.6

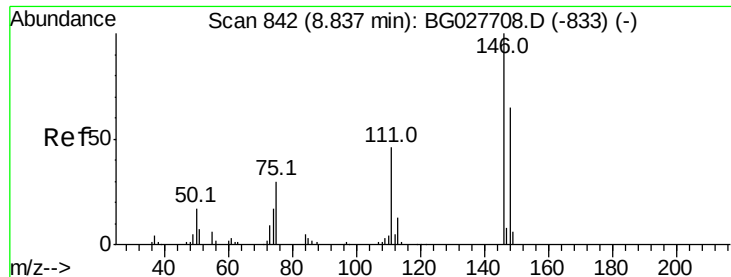


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

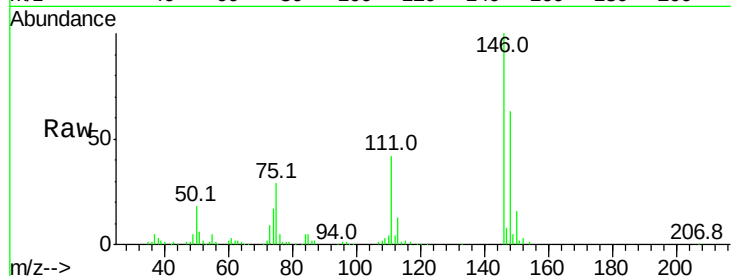




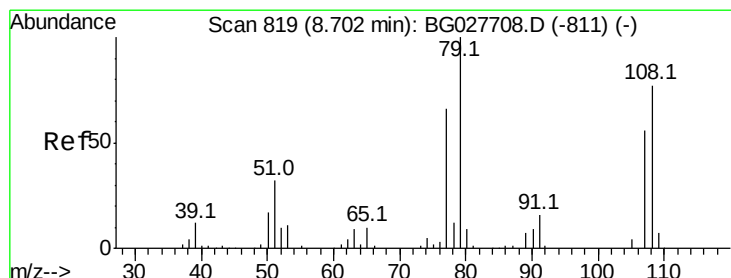
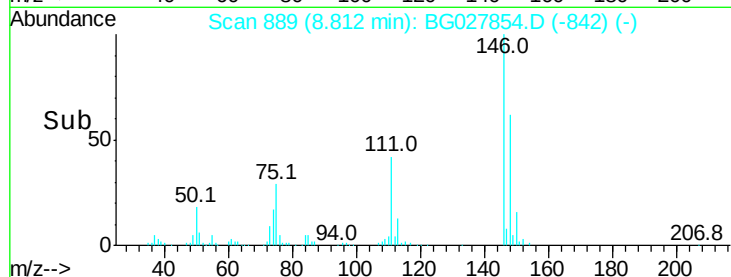
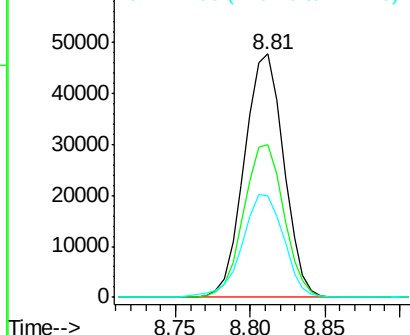
#14
1,2-Dichlorobenzene
Concen: 38.09 ng
RT: 8.81 min Scan# 889
Delta R.T. -0.03 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 87297
Ion Ratio Lower Upper
146 100
148 62.8 54.6 81.8
111 41.7 39.7 59.5

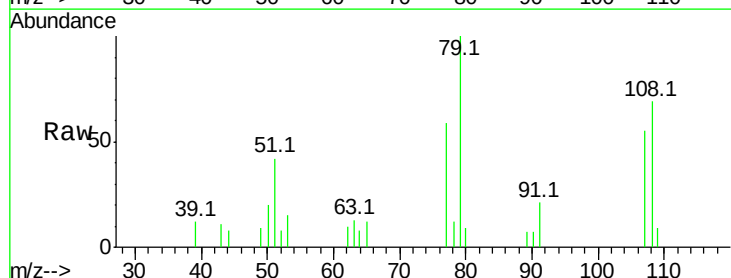


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

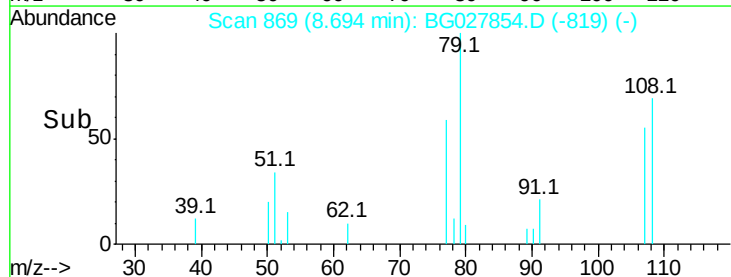
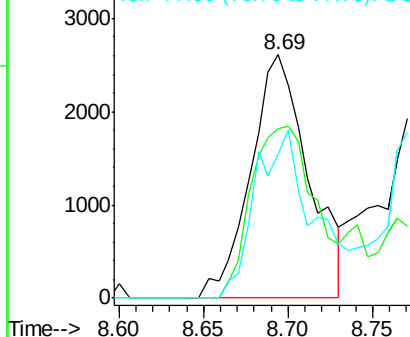


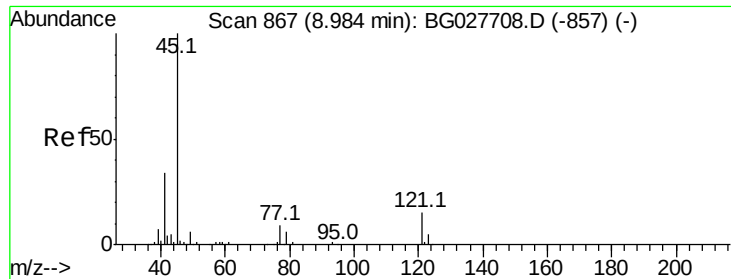
#15
Benzyl Alcohol
Concen: 3.07 ng
RT: 8.69 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

Tgt Ion: 79 Resp: 6232
Ion Ratio Lower Upper
79 100
108 69.5 45.5 68.3#
77 59.0 54.3 81.5



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

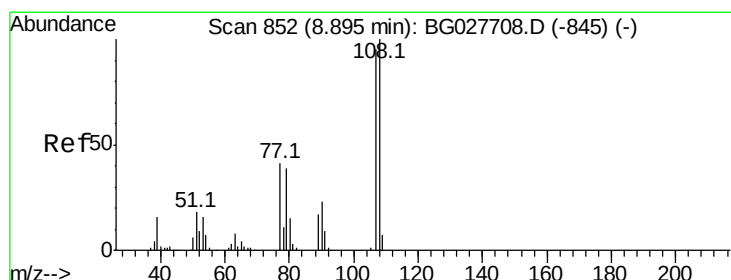
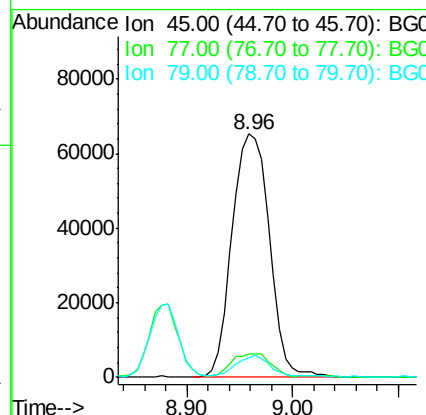
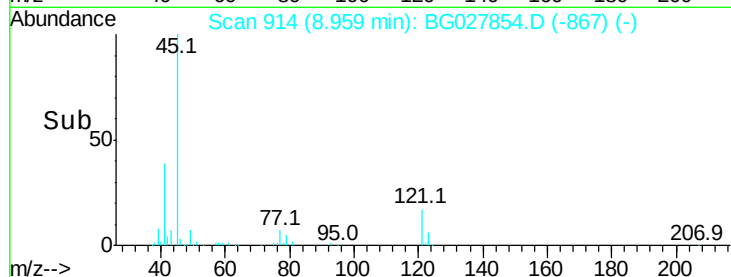
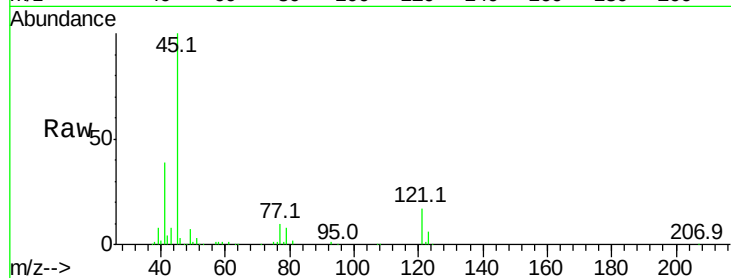




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 33.86 ng
 RT: 8.96 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

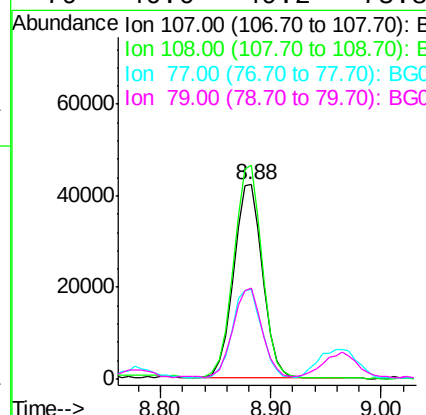
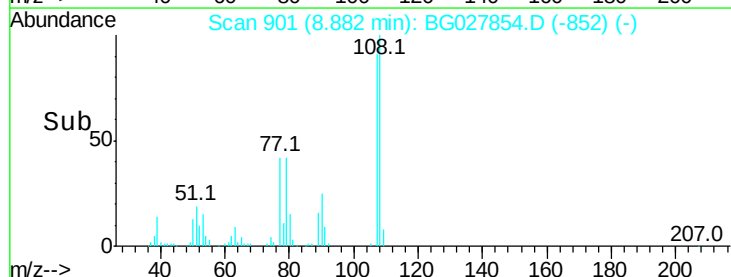
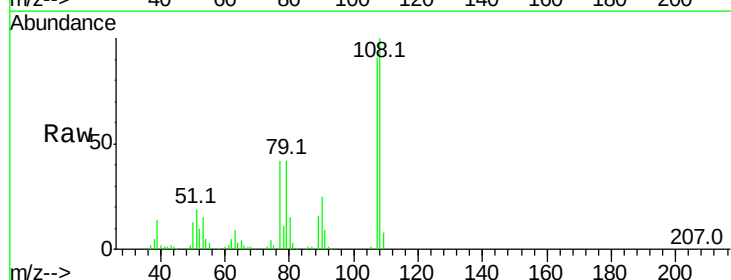
Instrument :
 BNA_G
 ClientSampleId :

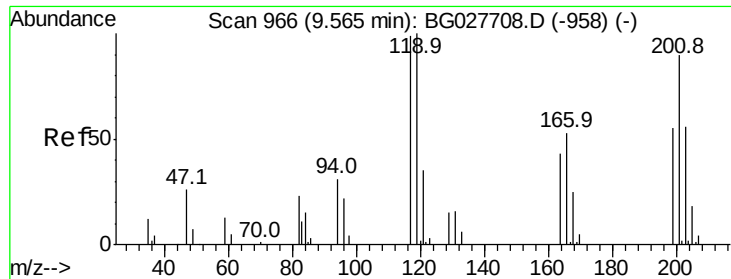
Tot Ion: 45 Resp: 159141
 Ion Ratio Lower Upper
 45 100
 77 9.7 0.0 30.6
 79 7.9 0.0 28.5



#17
 2-Methylphenol
 Concen: 37.84 ng
 RT: 8.88 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Tgt Ion: 107 Resp: 77650
 Ion Ratio Lower Upper
 107 100
 108 110.0 85.6 128.4
 77 46.0 51.4 77.2#
 79 46.6 49.2 73.8#

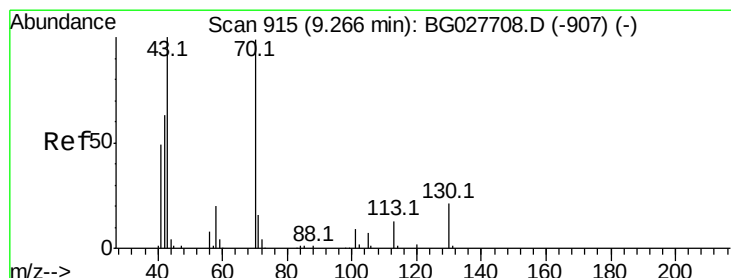
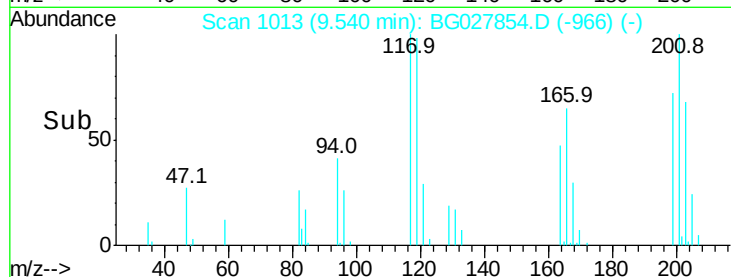
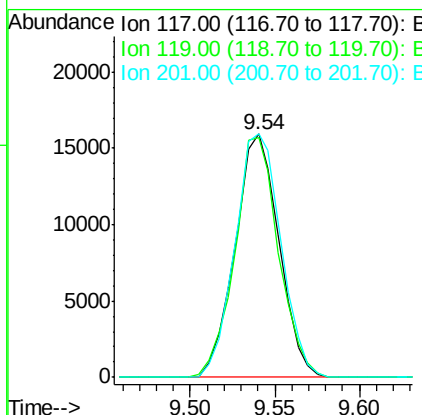
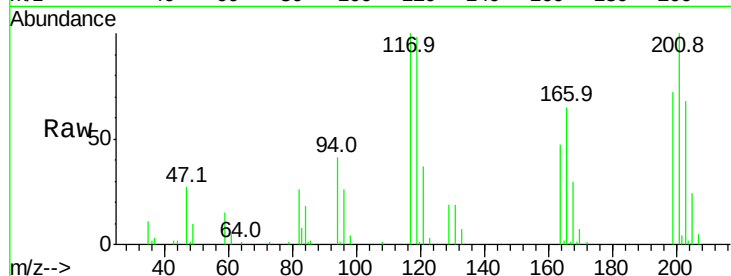




#18
Hexachloroethane
Concen: 34.56 ng
RT: 9.54 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

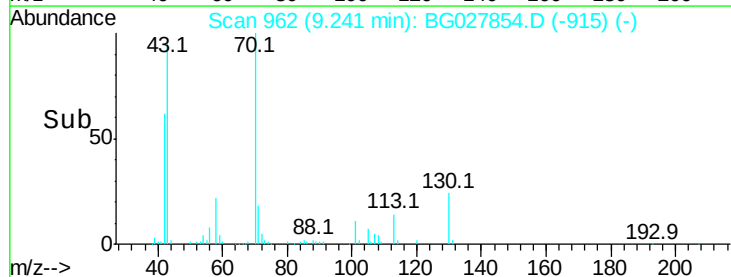
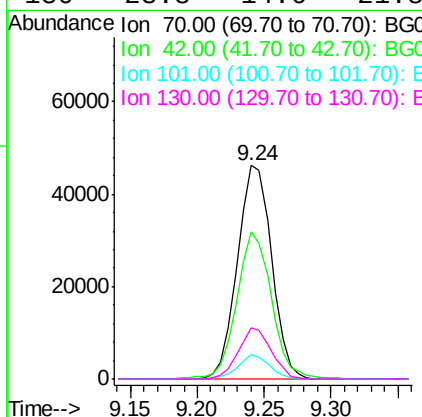
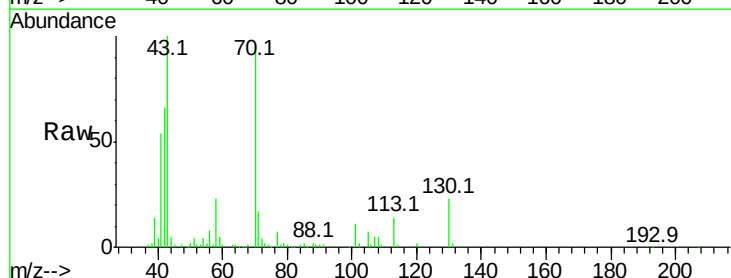
Instrument :
BNA_G
ClientSampled :

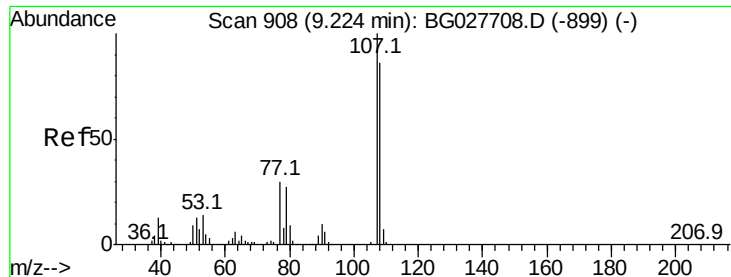
Tot Ion:117 Resp: 28731
Ion Ratio Lower Upper
117 100
119 98.6 69.8 104.6
201 100.1 95.4 143.0



#19
n-Nitroso-di-n-propylamine
Concen: 38.42 ng
RT: 9.24 min Scan# 962
Delta R.T. -0.03 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

Tgt Ion: 70 Resp: 81961
Ion Ratio Lower Upper
70 100
42 68.7 56.1 84.1
101 11.3 7.5 11.3#
130 23.8 14.6 21.8#

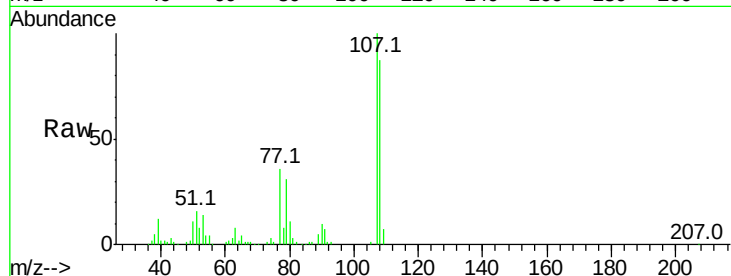




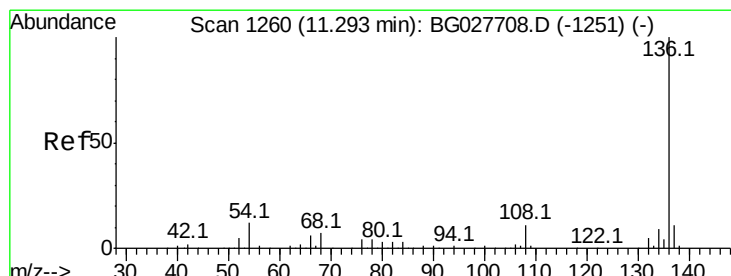
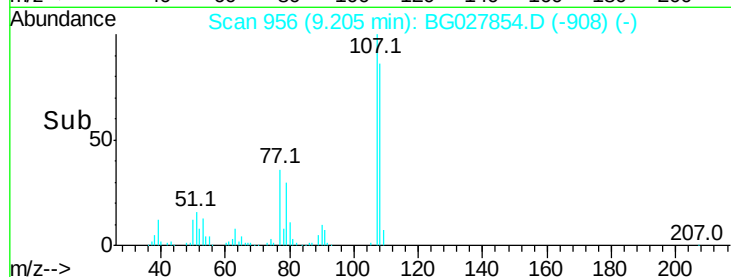
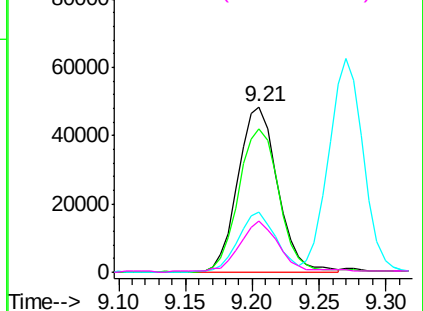
#20
3+4-Methylphenols
Concen: 33.80 ng
RT: 9.21 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 100024
Ion Ratio Lower Upper
107 100
108 86.6 70.8 110.8
77 36.4 25.8 65.8
79 31.0 20.1 60.1

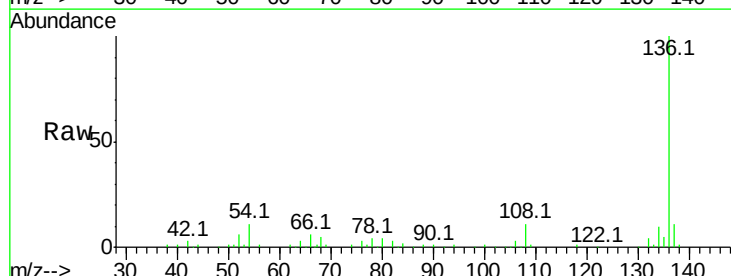


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

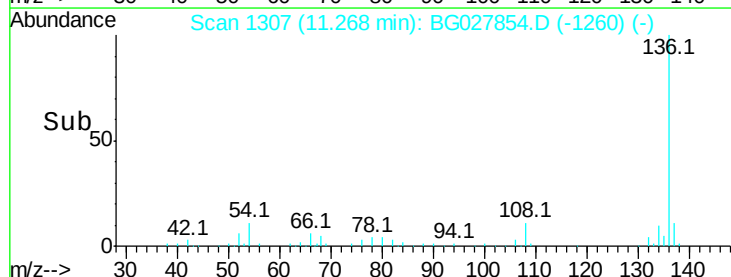
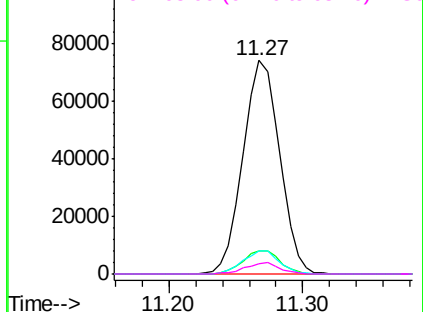


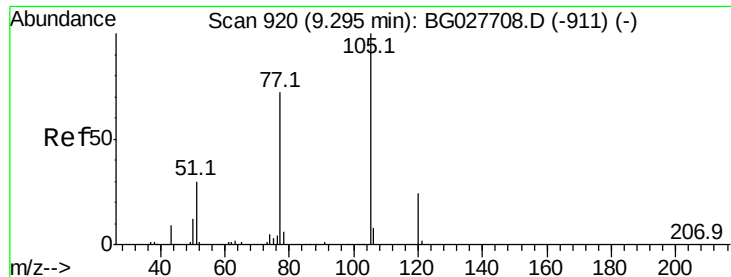
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.27 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

Tgt Ion:136 Resp: 140658
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.6 9.3 13.9
68 4.6 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

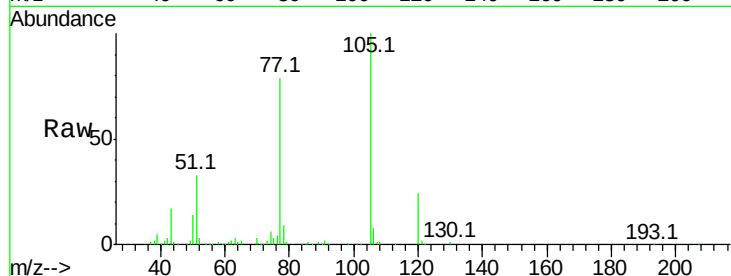




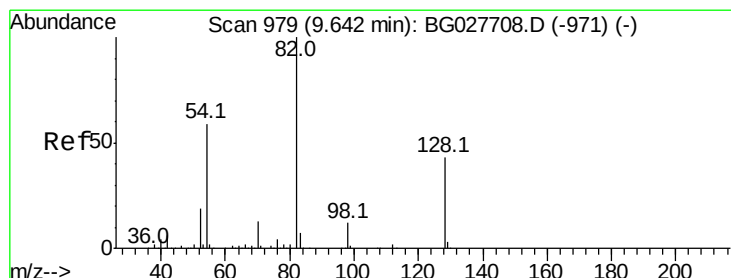
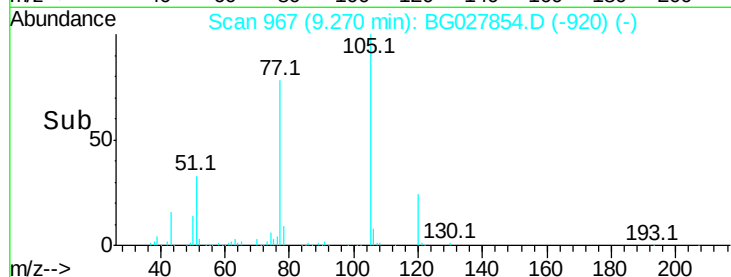
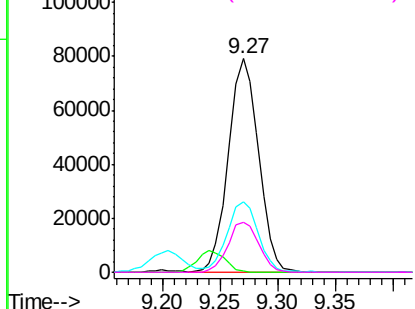
#22
Acetophenone
Concen: 42.23 ng
RT: 9.27 min Scan# 967
Delta R.T. -0.03 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:105 Resp: 143338
Ion Ratio Lower Upper
105 100
71 0.5 0.9 1.3#
51 33.2 34.0 51.0#
120 23.7 17.3 25.9

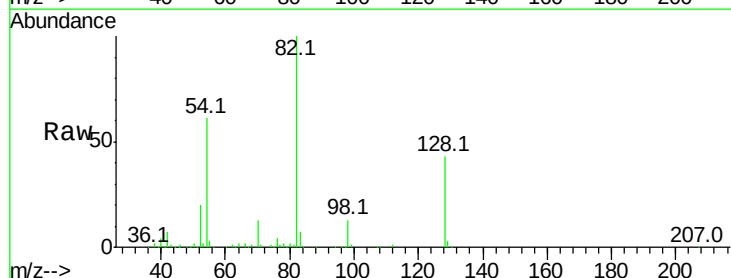


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

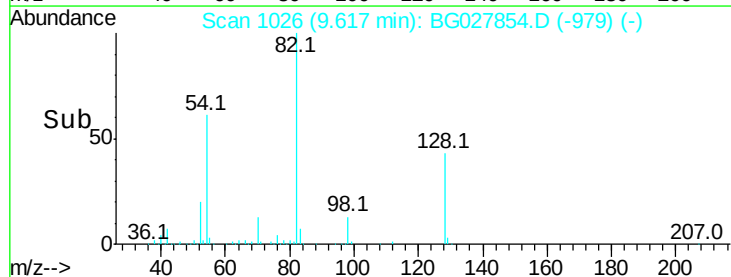
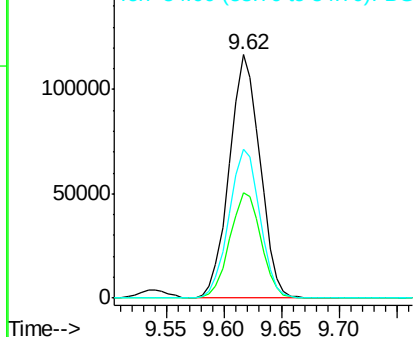


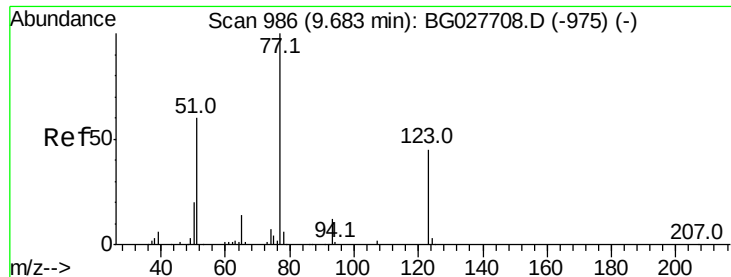
#23
Nitrobenzene-d5
Concen: 85.05 ng
RT: 9.62 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

Tgt Ion: 82 Resp: 214613
Ion Ratio Lower Upper
82 100
128 43.2 26.4 39.6#
54 61.0 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 41.09 ng

RT: 9.66 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampled :

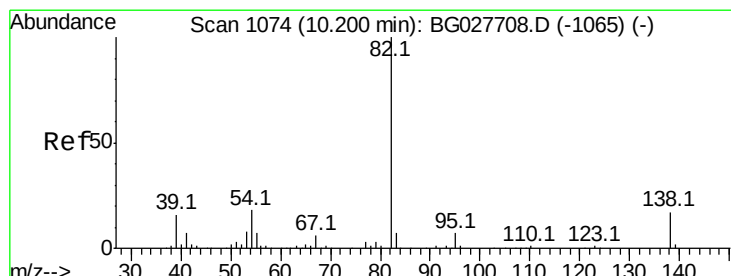
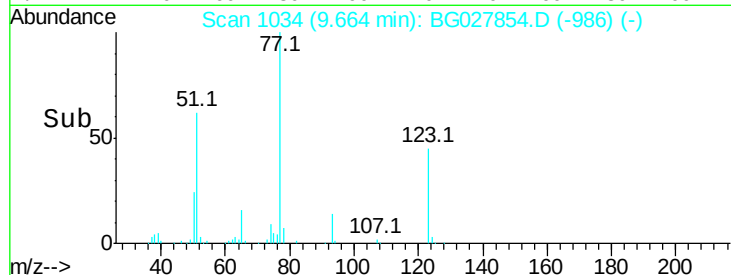
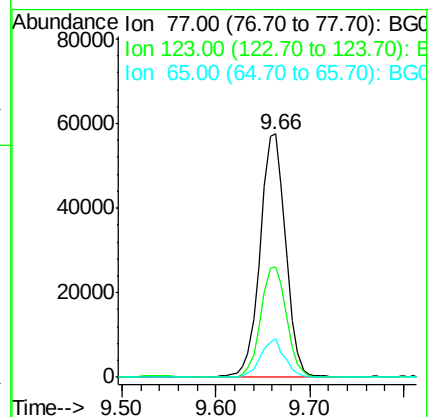
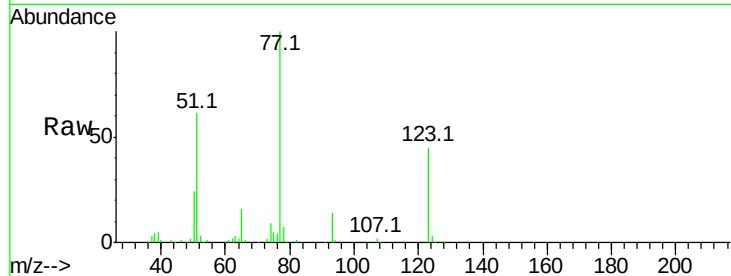
Tot Ion: 77 Resp: 108404

Ion Ratio Lower Upper

77 100

123 45.3 26.1 39.1#

65 16.1 12.4 18.6



#25

Isophorone

Concen: 42.49 ng

RT: 10.18 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

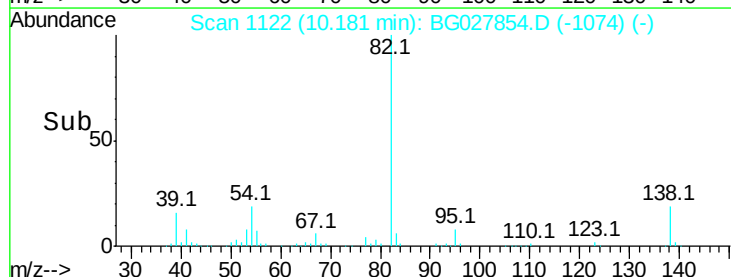
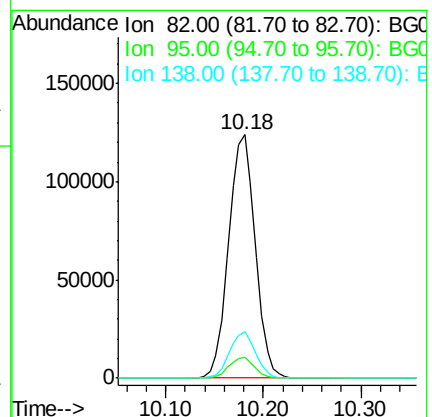
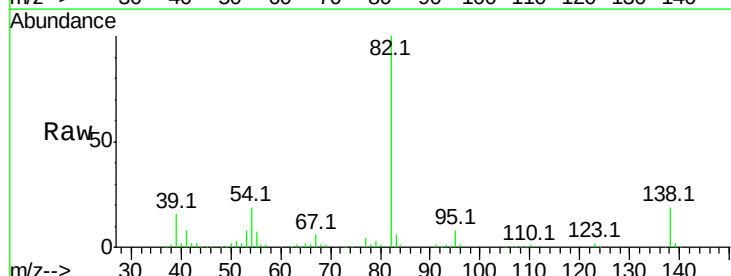
Tgt Ion: 82 Resp: 233699

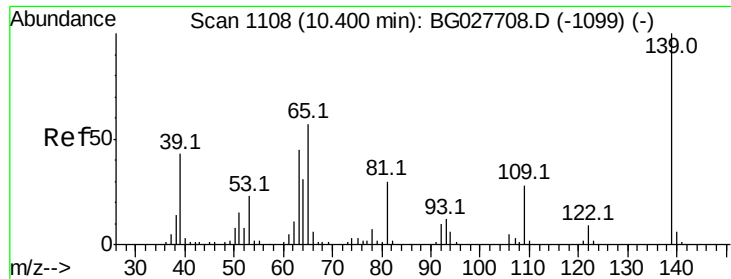
Ion Ratio Lower Upper

82 100

95 8.4 7.5 11.3

138 18.9 12.3 18.5#

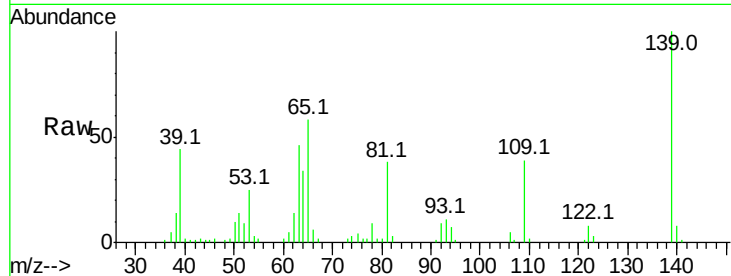




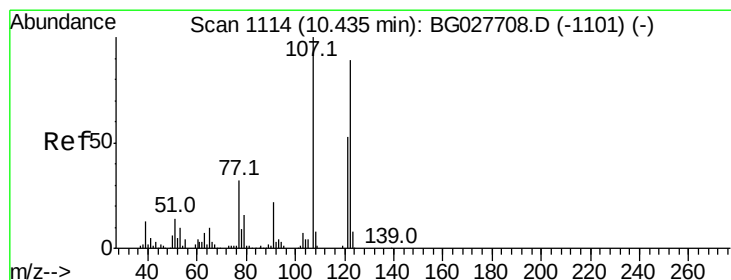
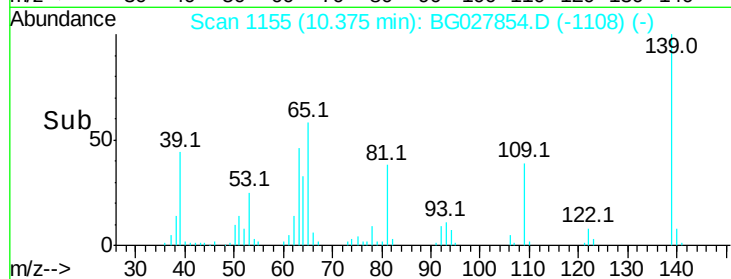
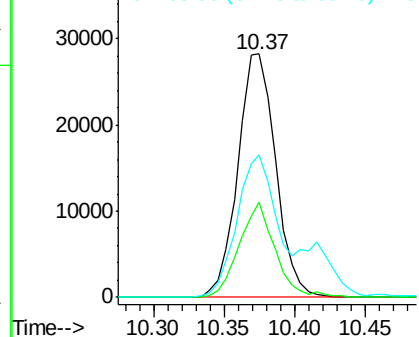
#26
 2-Nitrophenol
 Concen: 44.46 ng
 RT: 10.37 min Scan# 1155
 Delta R.T. -0.03 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:139 Resp: 52984
 Ion Ratio Lower Upper
 139 100
 109 39.2 38.6 58.0
 65 58.5 57.1 85.7

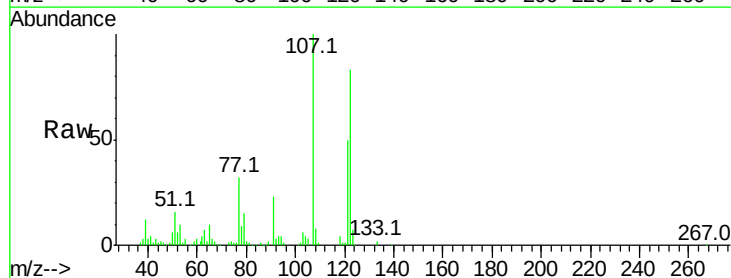


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): B

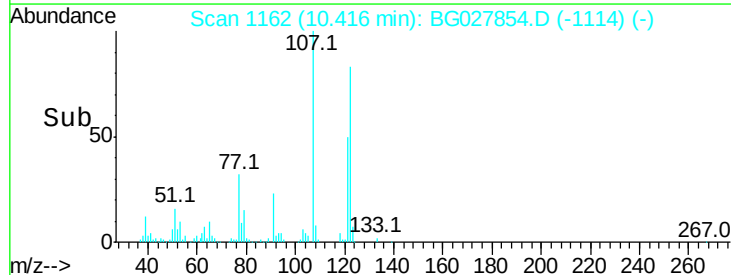
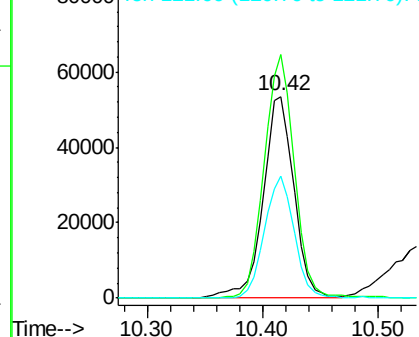


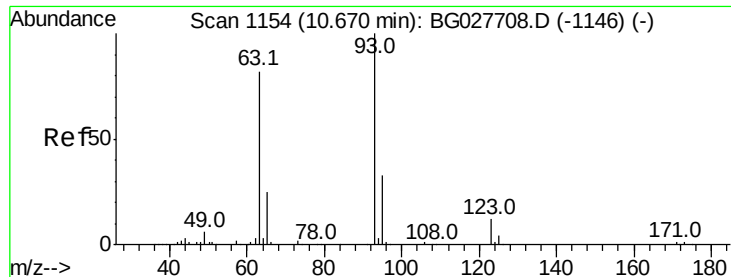
#27
 2,4-Dimethylphenol
 Concen: 44.76 ng
 RT: 10.42 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Tgt Ion:122 Resp: 99908
 Ion Ratio Lower Upper
 122 100
 107 120.9 104.2 156.4
 121 60.3 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

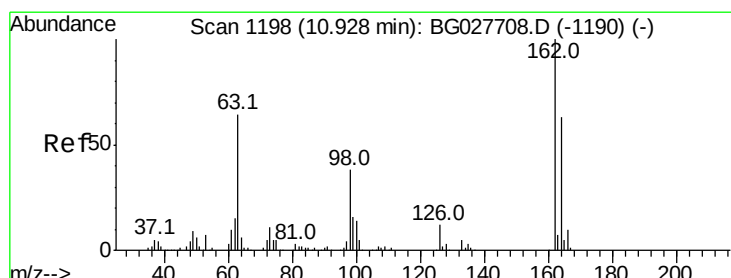
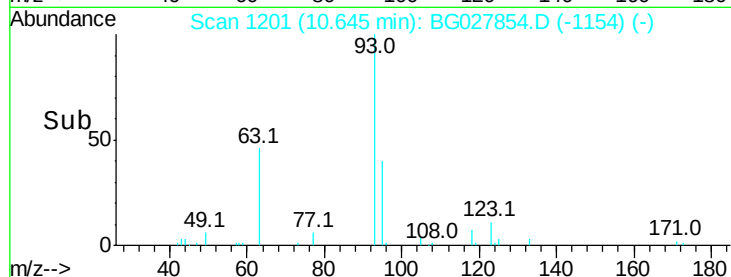
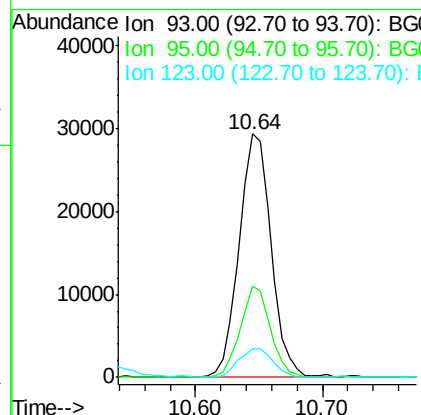
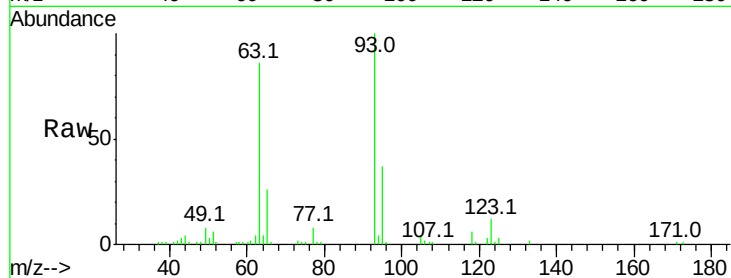




#28
 bis(2-Chloroethoxy)methane
 Concen: 16.43 ng
 RT: 10.64 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

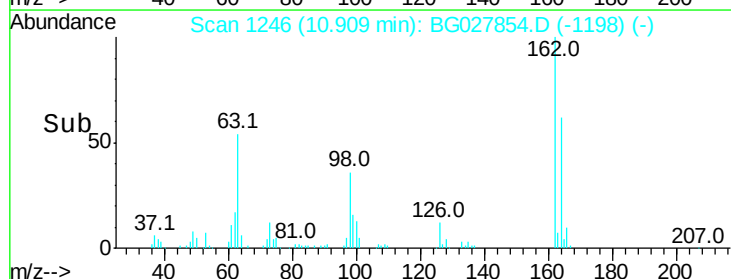
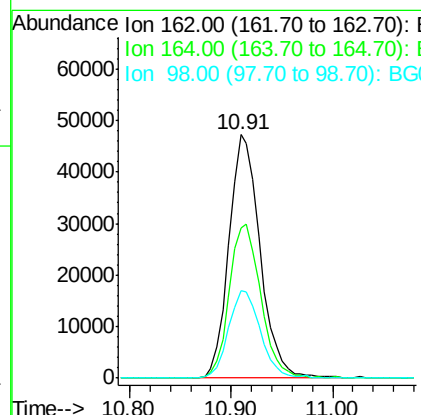
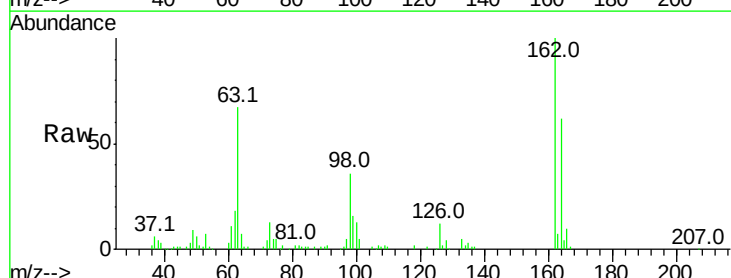
Instrument :
 BNA_G
 ClientSampleId :

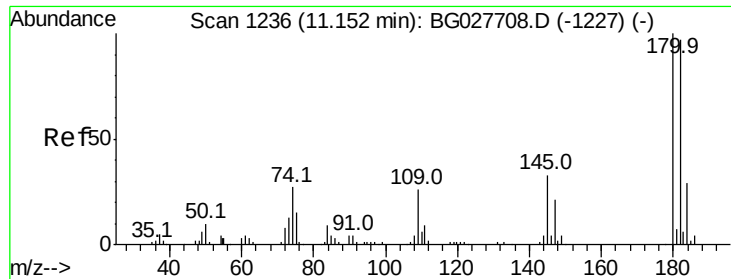
Tot Ion: 93 Resp: 51241
 Ion Ratio Lower Upper
 93 100
 95 37.4 25.7 38.5
 123 11.9 8.3 12.5



#29
 2,4-Dichlorophenol
 Concen: 51.50 ng
 RT: 10.91 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Tgt Ion:162 Resp: 100737
 Ion Ratio Lower Upper
 162 100
 164 61.7 42.4 82.4
 98 36.2 20.3 60.3

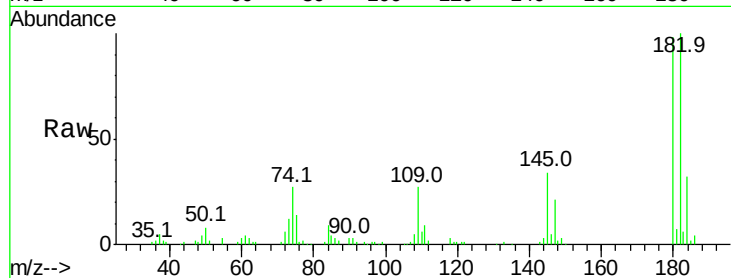




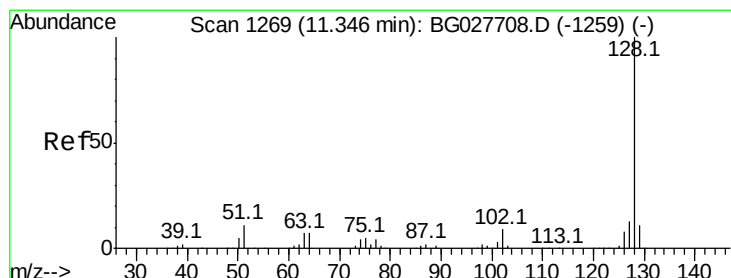
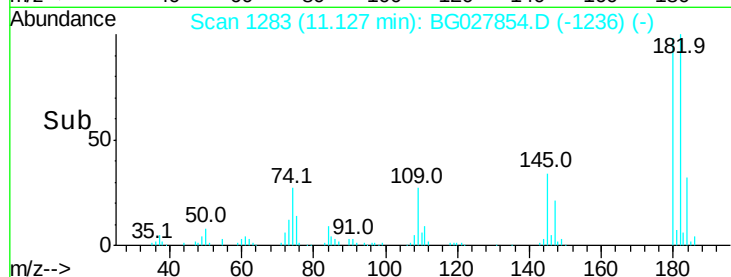
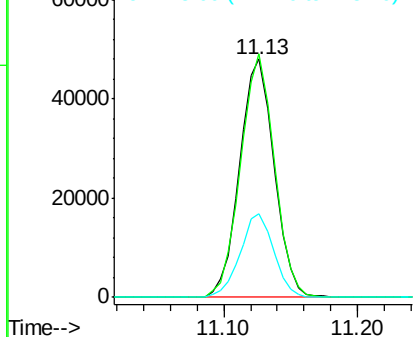
#30
 1,2,4-Trichlorobenzene
 Concen: 43.04 ng
 RT: 11.13 min Scan# 1283
 Delta R.T. -0.03 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:180 Resp: 85858
 Ion Ratio Lower Upper
 180 100
 182 102.2 77.0 115.4
 145 35.1 23.4 35.0#

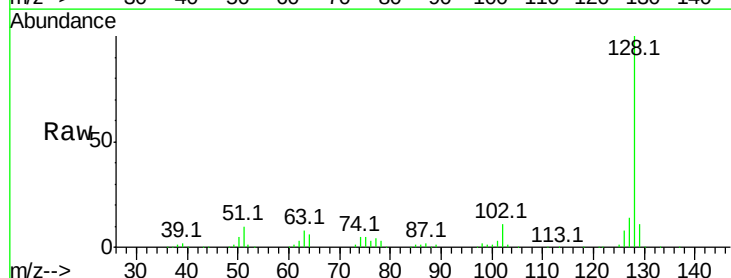


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

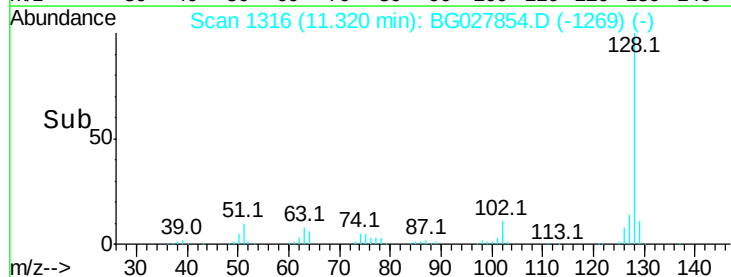
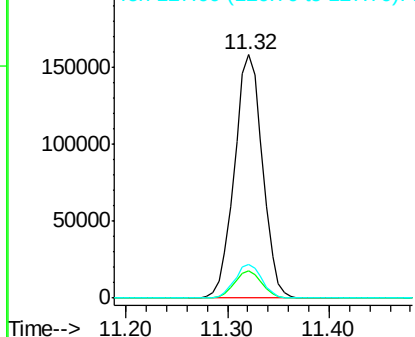


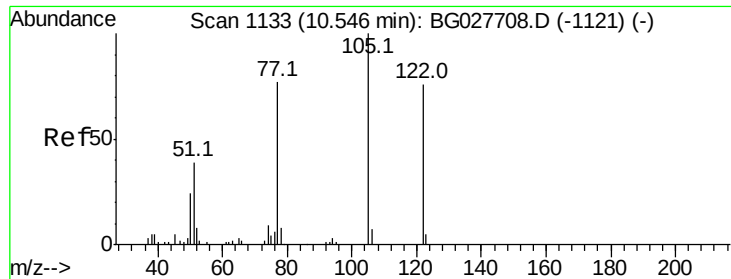
#31
 Naphthalene
 Concen: 40.56 ng
 RT: 11.32 min Scan# 1316
 Delta R.T. -0.03 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Tgt Ion:128 Resp: 303426
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.3 13.9
 127 14.0 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

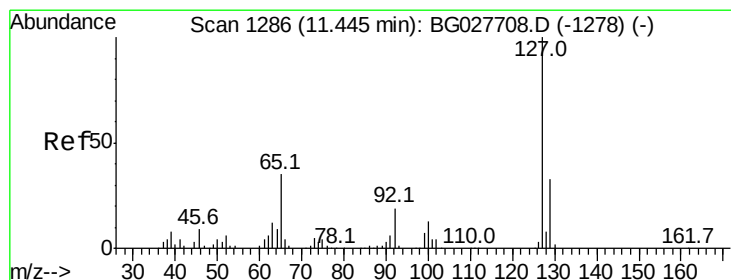
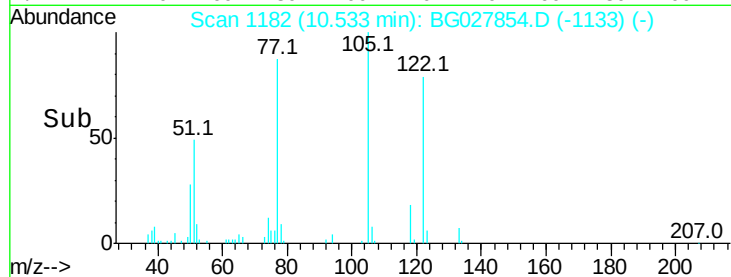
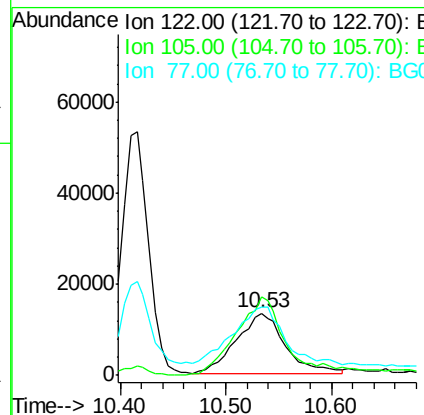
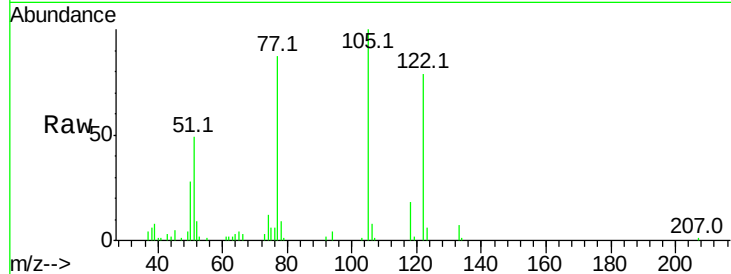




#32
Benzoic acid
Concen: 34.56 ng
RT: 10.53 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

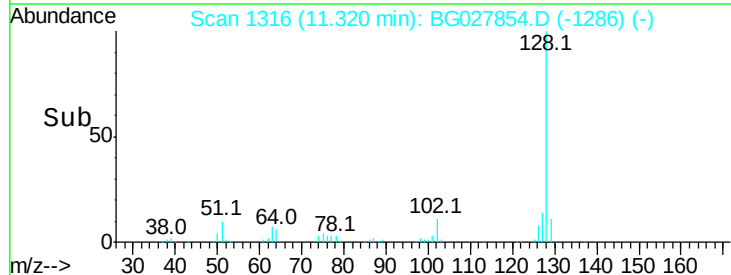
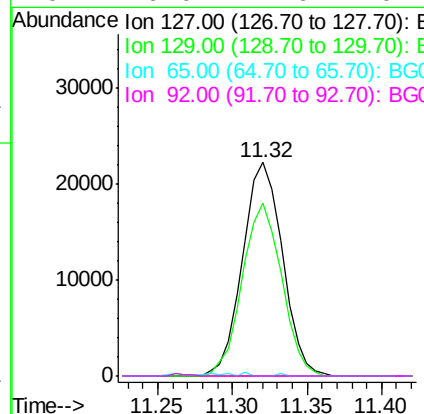
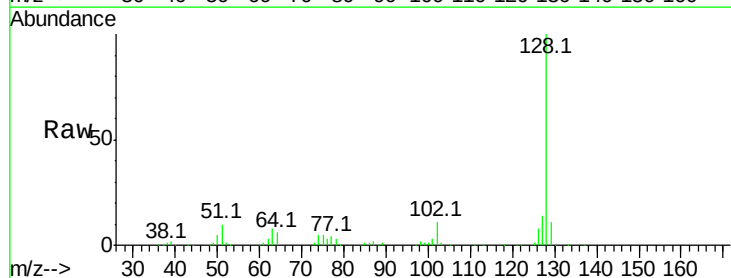
Instrument :
BNA_G
ClientSampleId :

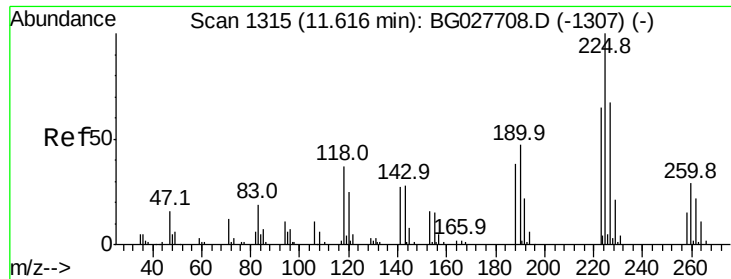
Tot Ion:122 Resp: 42996
Ion Ratio Lower Upper
122 100
105 126.2 120.1 160.1
77 110.4 104.6 144.6



#33
4-Chloroaniline
Concen: 12.75 ng
RT: 11.32 min Scan# 1316
Delta R.T. -0.12 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

Tgt Ion:127 Resp: 41193
Ion Ratio Lower Upper
127 100
129 80.9 23.6 35.4#
65 0.0 37.7 56.5#
92 0.0 17.6 26.4#





#34

Hexachlorobutadiene

Concen: 46.79 ng

RT: 11.59 min Scan# 1362

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

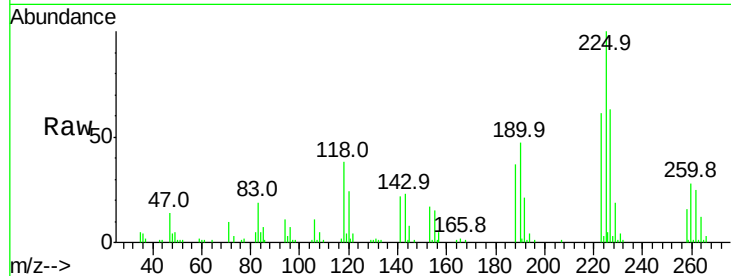
Tot Ion:225 Resp: 52013

Ion Ratio Lower Upper

225 100

223 61.1 50.7 76.1

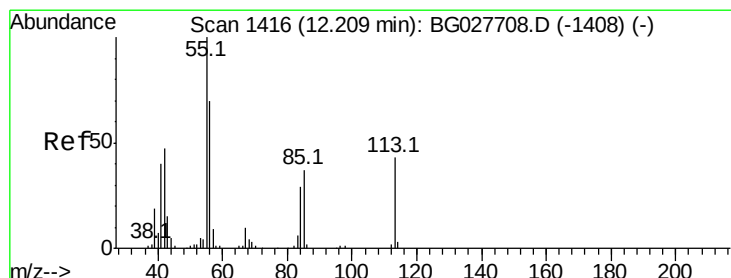
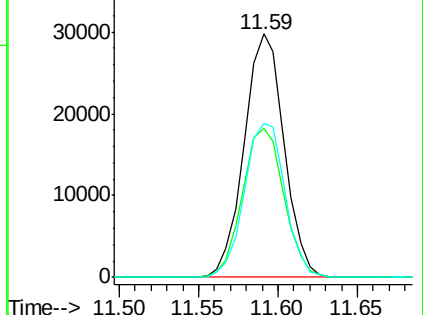
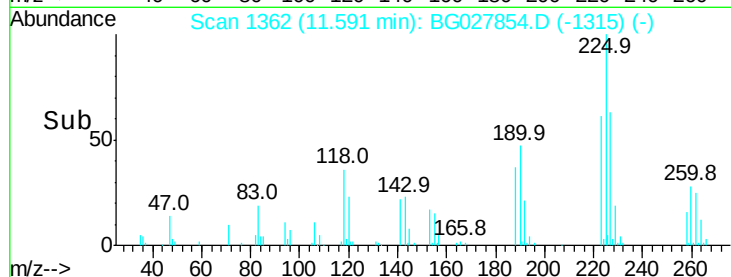
227 63.4 49.0 73.6



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: 32.85 ng

RT: 12.24 min Scan# 1473

Delta R.T. 0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

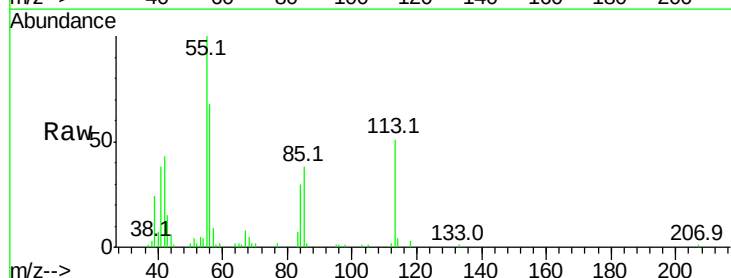
Tgt Ion:113 Resp: 32321

Ion Ratio Lower Upper

113 100

55 196.6 198.6 238.6#

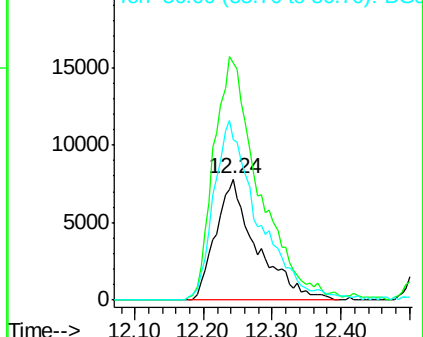
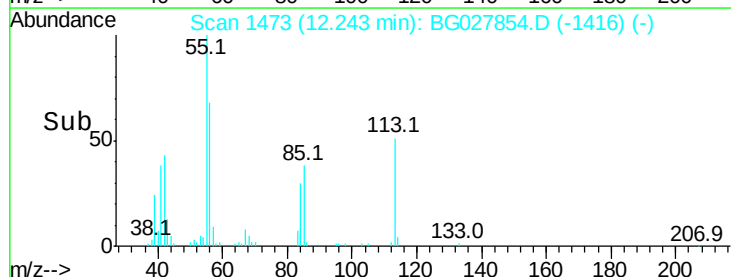
56 132.9 140.4 180.4#

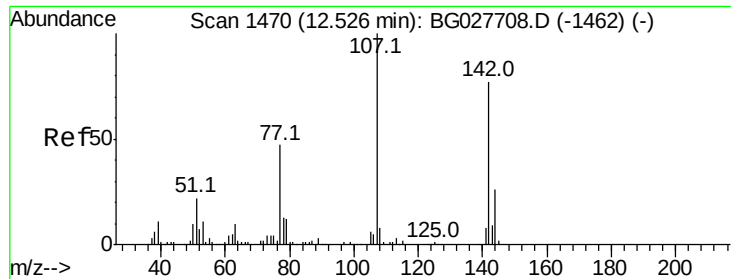


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

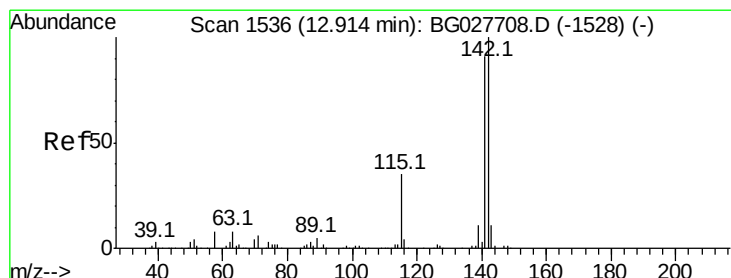
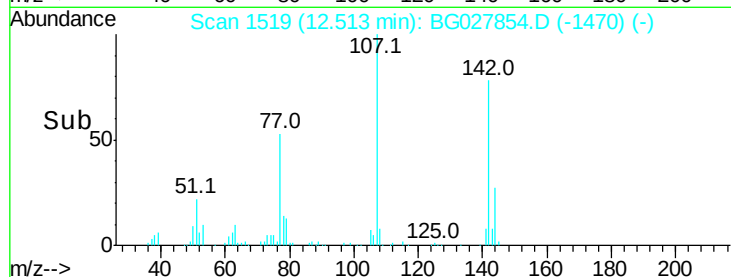
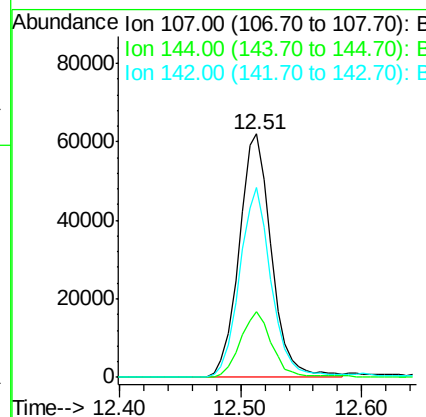
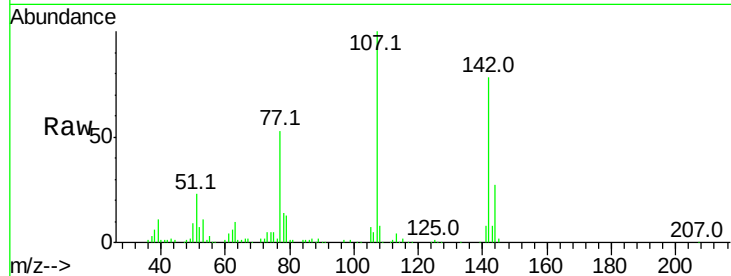




#36
 4-Chloro-3-methylphenol
 Concen: 42.06 ng
 RT: 12.51 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

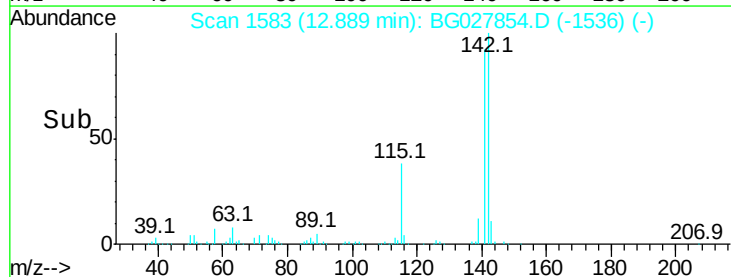
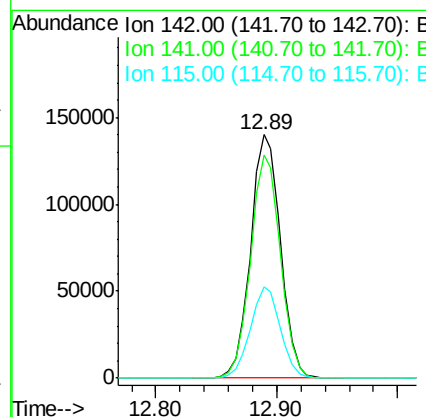
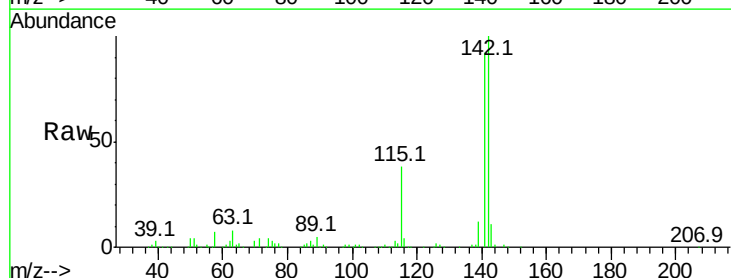
Instrument :
 BNA_G
 ClientSampleId :

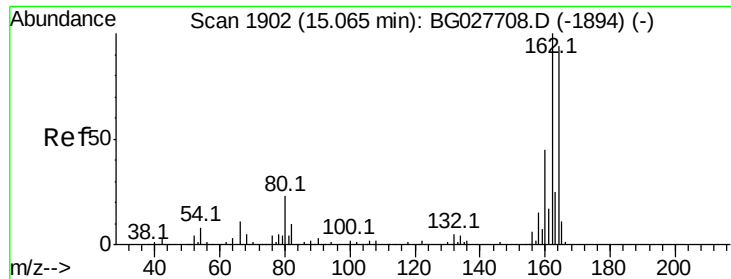
Tot Ion:107 Resp: 115760
 Ion Ratio Lower Upper
 107 100
 144 27.2 17.4 26.0#
 142 78.0 54.1 81.1



#37
 2-Methylnaphthalene
 Concen: 43.23 ng
 RT: 12.89 min Scan# 1583
 Delta R.T. -0.03 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Tgt Ion:142 Resp: 240868
 Ion Ratio Lower Upper
 142 100
 141 91.8 70.4 105.6
 115 37.6 35.5 53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.04 min Scan# 1949

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

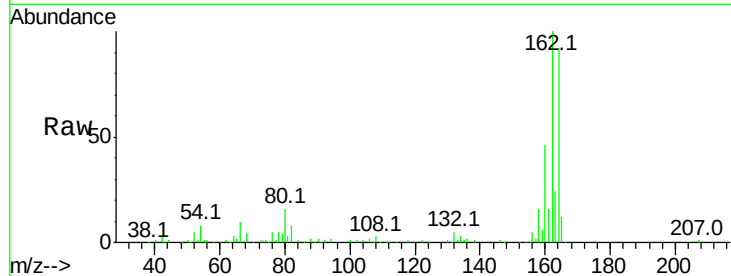
Tot Ion:164 Resp: 88798

Ion Ratio Lower Upper

164 100

162 108.3 85.1 127.7

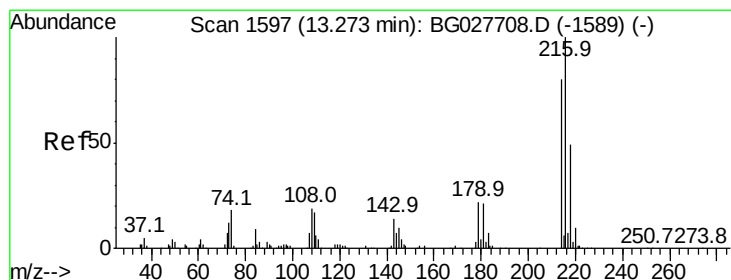
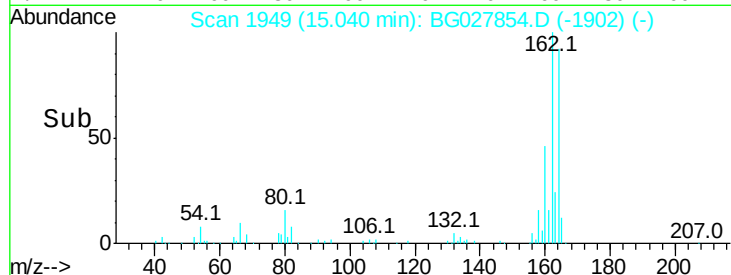
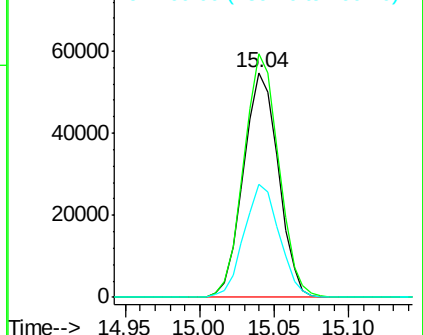
160 50.1 34.7 52.1



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: 49.41 ng

RT: 13.25 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Tgt Ion:216 Resp: 115302

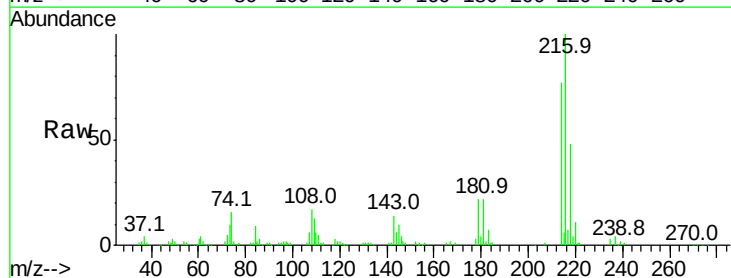
Ion Ratio Lower Upper

216 100

214 79.0 64.4 96.6

179 22.0 17.4 26.0

108 21.7 15.6 23.4

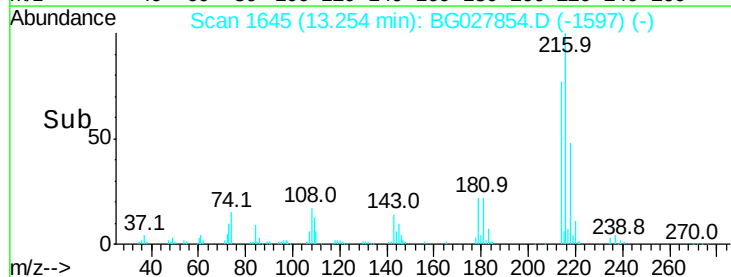
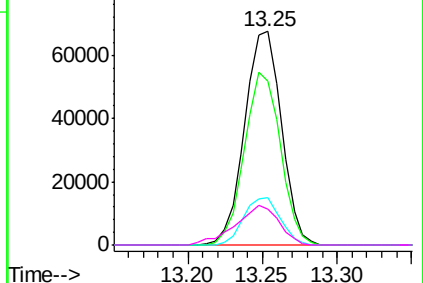


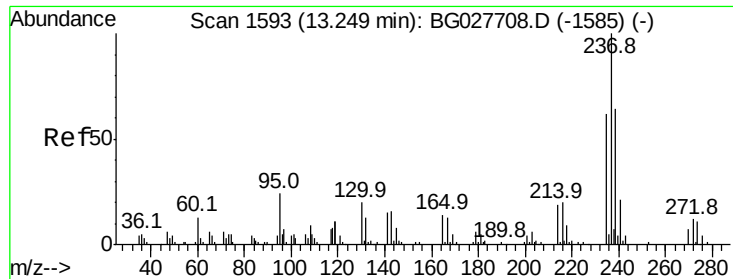
Abundance Ion 216.00 (215.70 to 216.70): E

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: 135.49 ng

RT: 13.22 min Scan# 1640

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

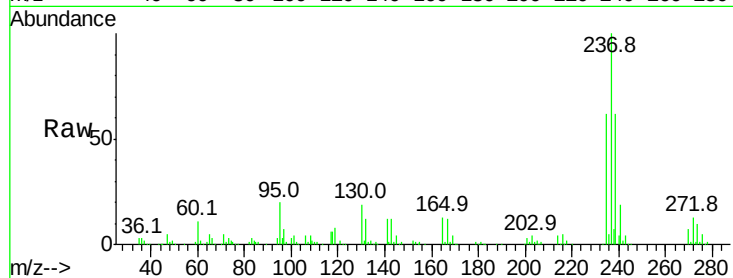
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 149066

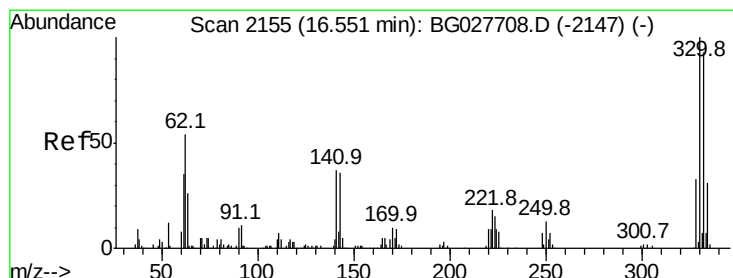
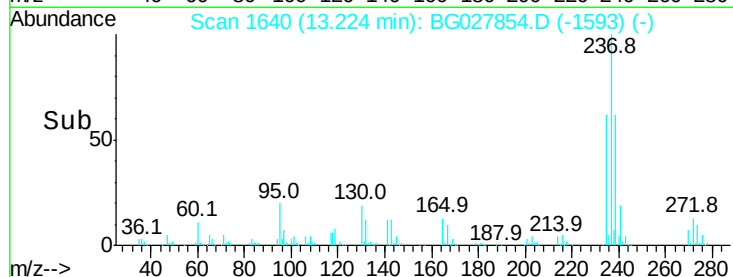
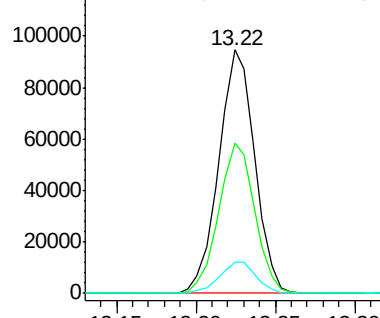
Ion	Ratio	Lower	Upper
237	100		
235	61.9	39.4	79.4
272	13.0	0.0	32.0



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: 190.50 ng

RT: 16.53 min Scan# 2203

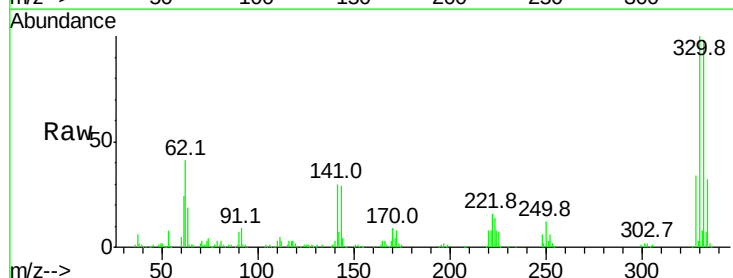
Delta R.T. -0.02 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Tgt Ion:330 Resp: 232025

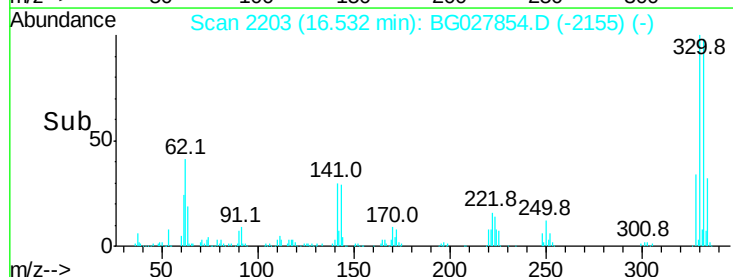
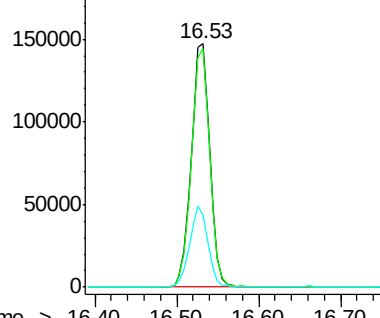
Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	32.9	32.1	48.1

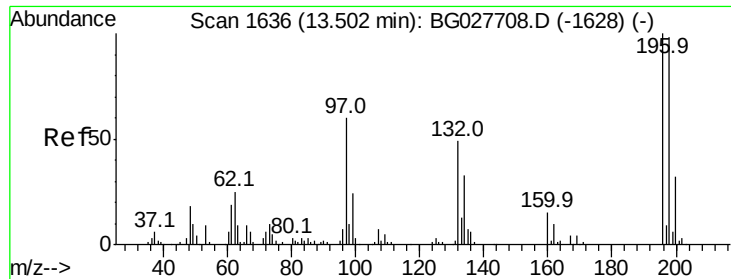


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

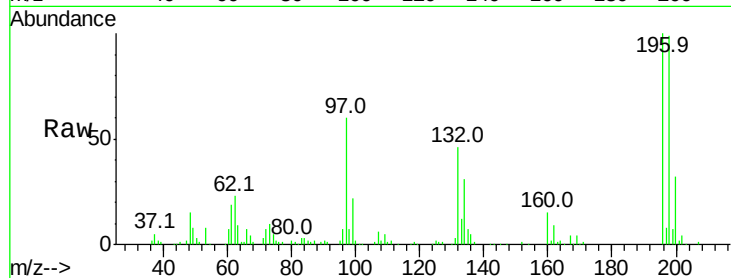




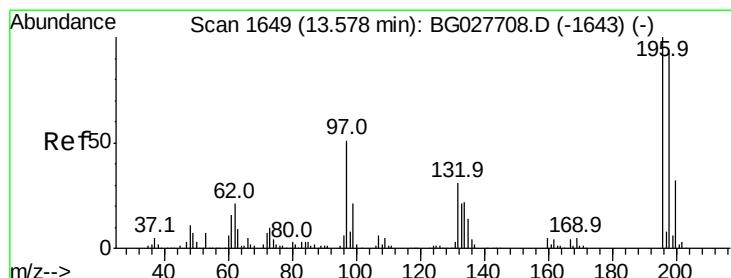
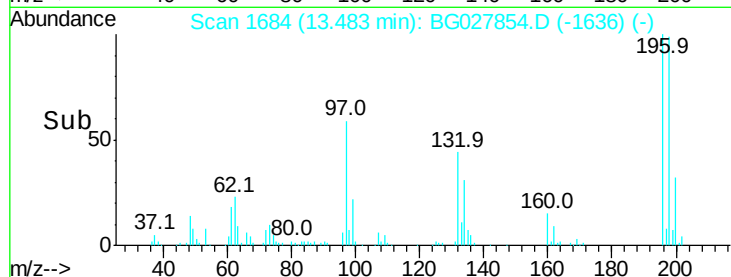
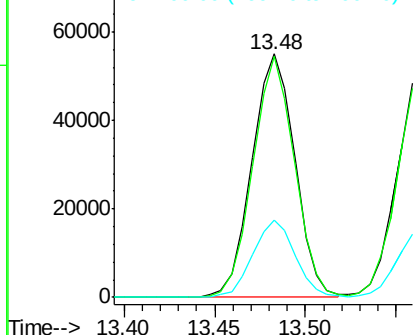
#42
 2,4,6-Trichlorophenol
 Concen: 53.67 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.02 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 90458
 Ion Ratio Lower Upper
 196 100
 198 99.2 81.4 122.2
 200 31.5 27.0 40.6



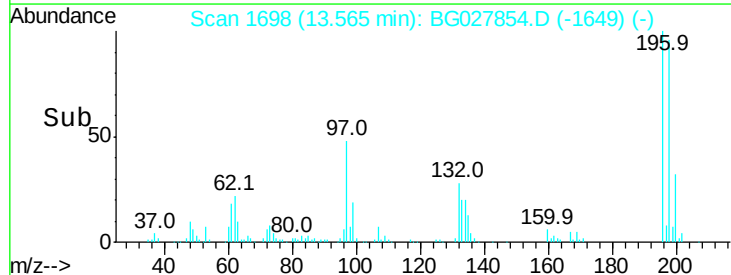
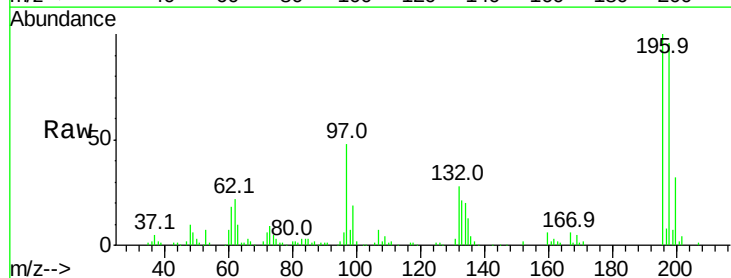
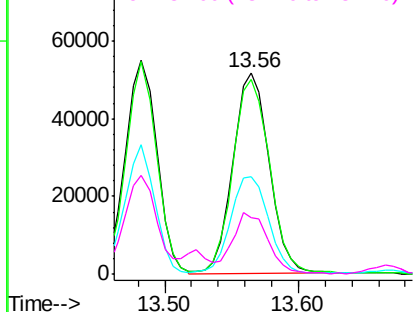
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

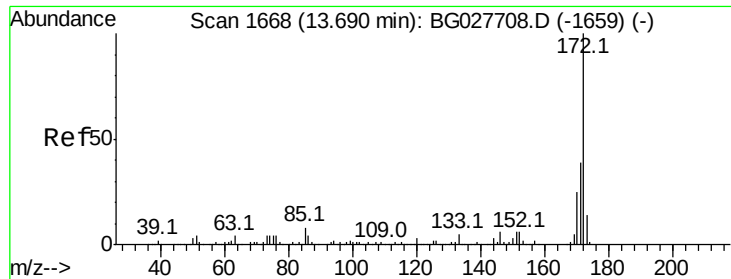


#43
 2,4,5-Trichlorophenol
 Concen: 50.78 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Tgt Ion:196 Resp: 96974
 Ion Ratio Lower Upper
 196 100
 198 96.5 79.9 119.9
 97 48.4 45.4 68.0
 132 28.2 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

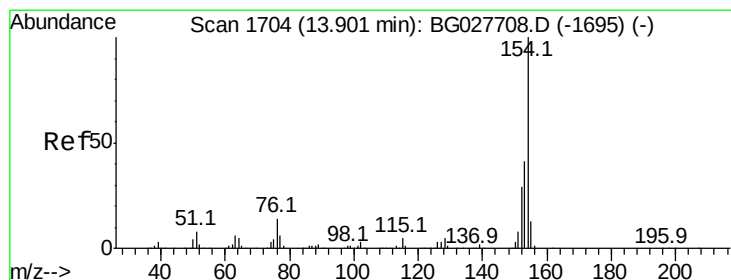
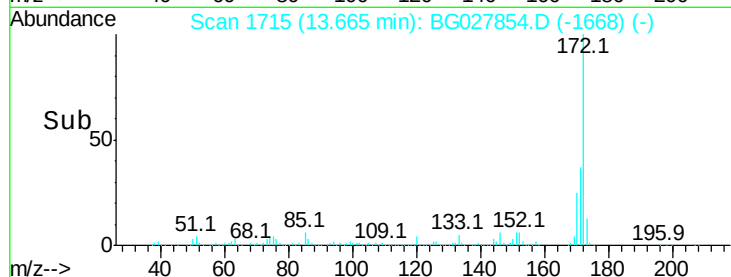
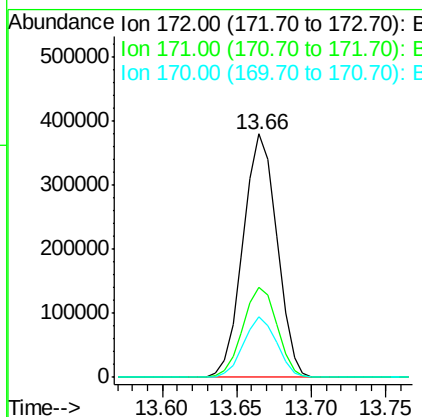
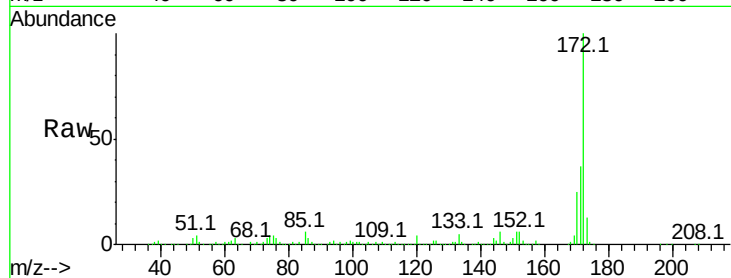




#44
2-Fluorobiphenyl
Concen: 96.19 ng
RT: 13.66 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

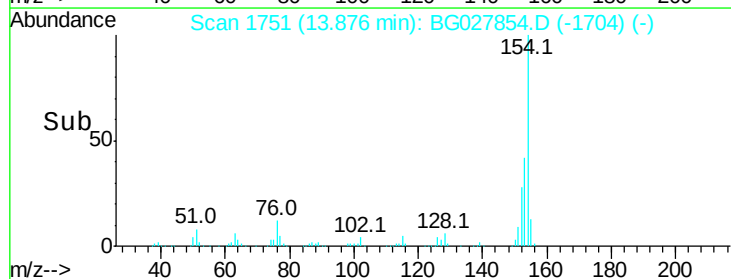
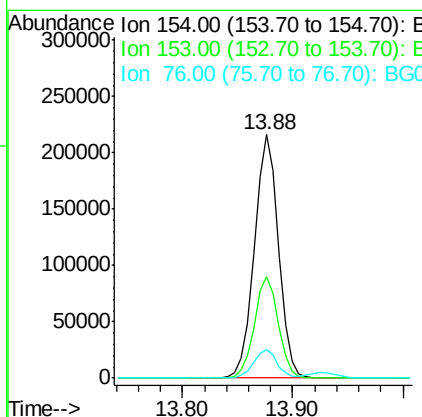
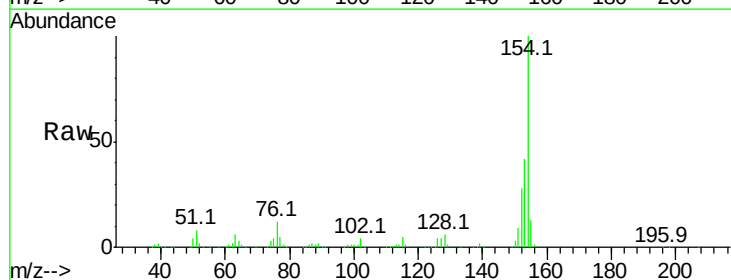
Instrument :
BNA_G
ClientSampleId :

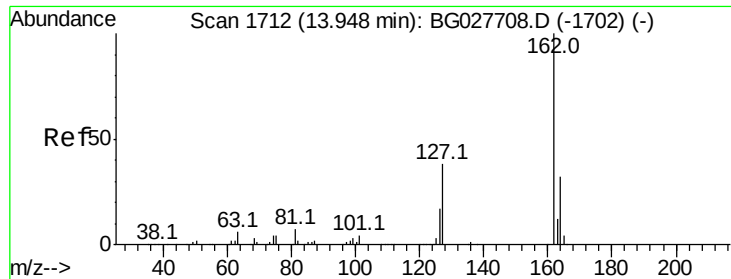
Tot Ion:172 Resp: 598076
Ion Ratio Lower Upper
172 100
171 37.2 32.2 48.2
170 24.8 21.8 32.6



#45
1,1'-Biphenyl
Concen: 46.42 ng
RT: 13.88 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

Tgt Ion:154 Resp: 330373
Ion Ratio Lower Upper
154 100
153 41.6 23.0 63.0
76 11.8 0.0 33.5

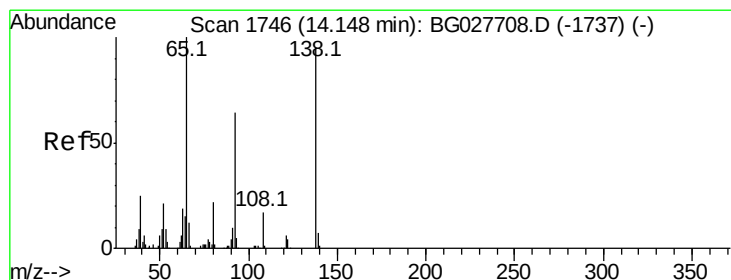
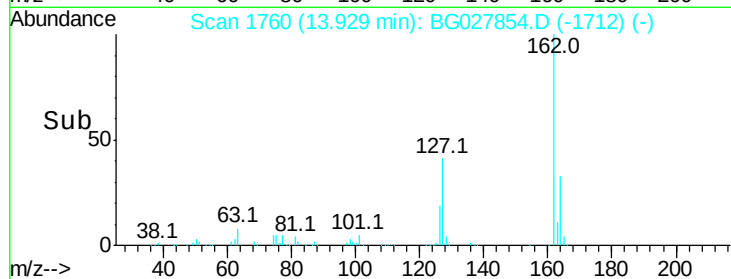
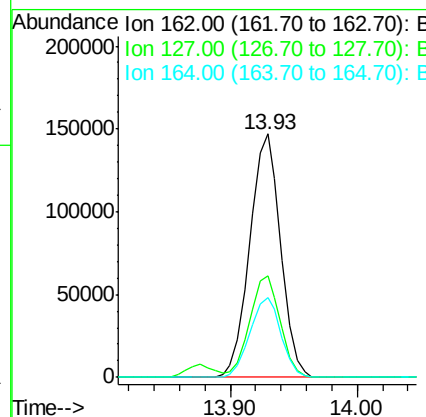
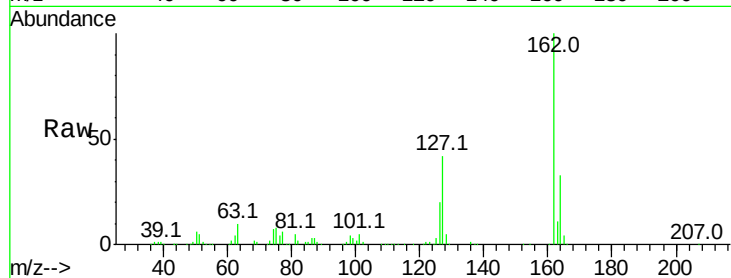




#46
2-Chloronaphthalene
Concen: 46.07 ng
RT: 13.93 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

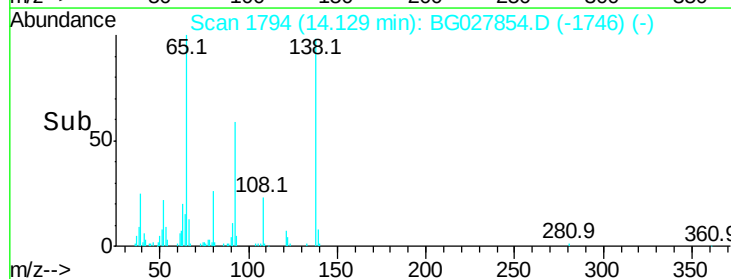
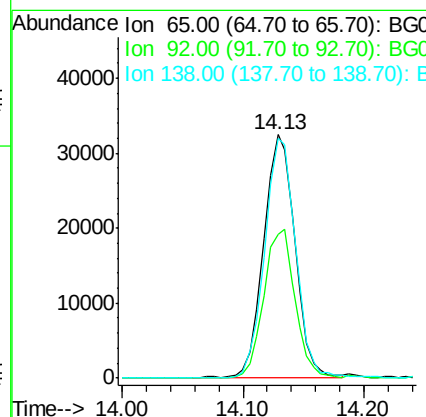
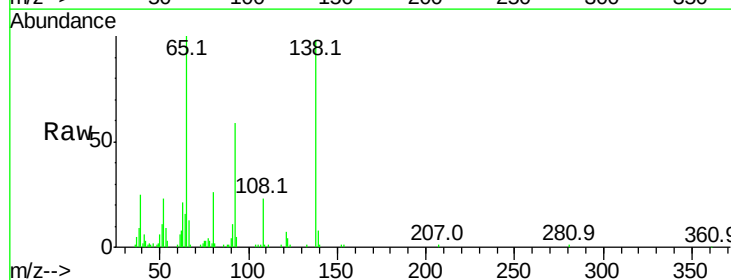
Instrument :
BNA_G
ClientSampleId :

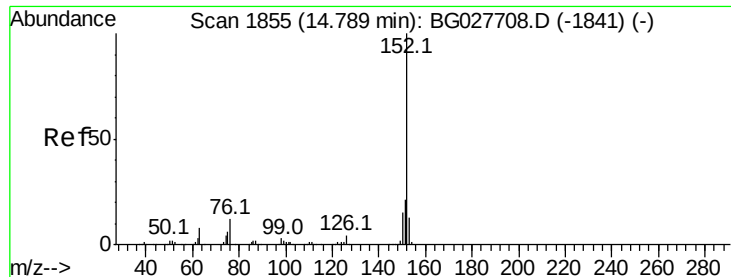
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.2	48.4
164	32.9	27.3	40.9



#47
2-Nitroaniline
Concen: 27.15 ng
RT: 14.13 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.2	49.0	73.4
138	98.4	58.6	87.8#





#48

Acenaphthylene

Concen: 27.99 ng

RT: 14.77 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

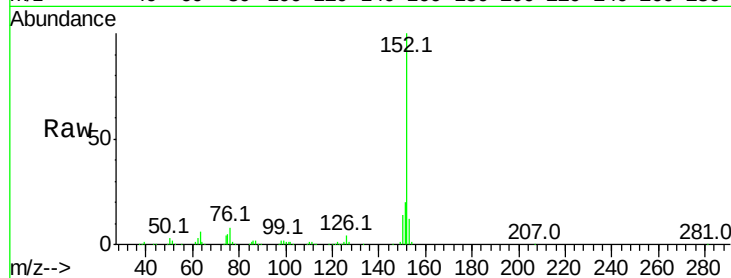
Tot Ion:152 Resp: 274947

Ion Ratio Lower Upper

152 100

151 19.9 18.2 27.2

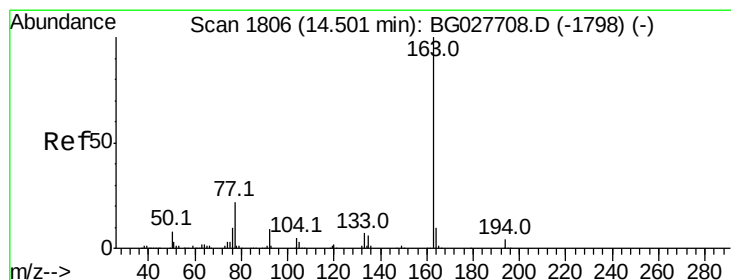
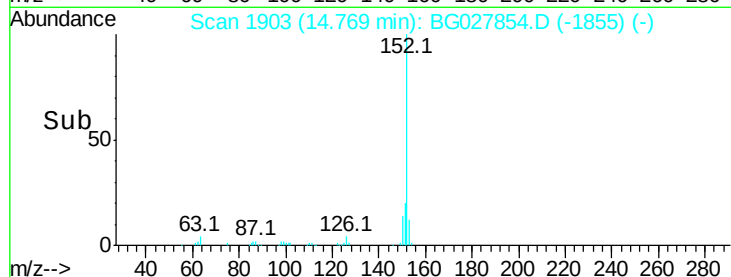
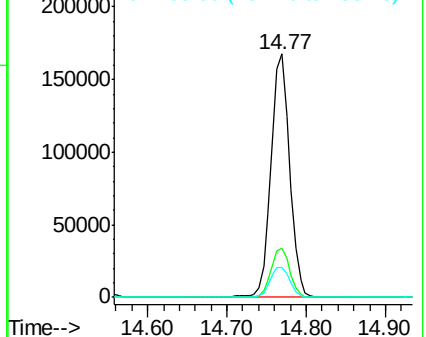
153 12.5 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 49.90 ng

RT: 14.48 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

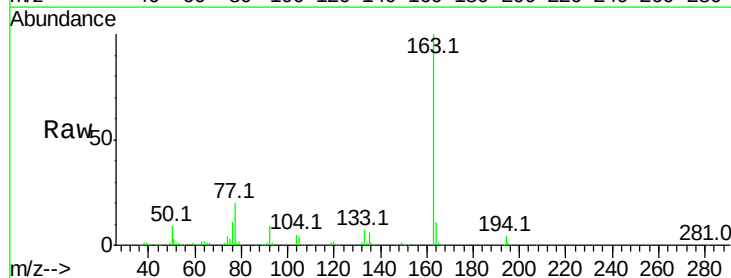
Tgt Ion:163 Resp: 377966

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

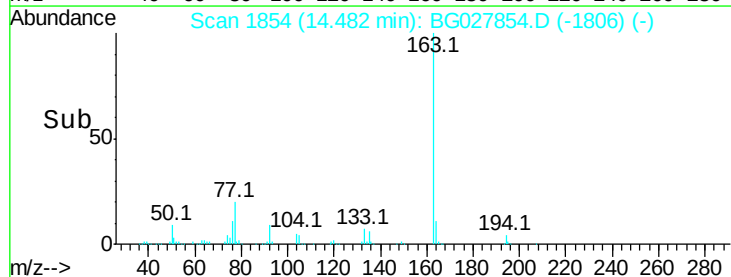
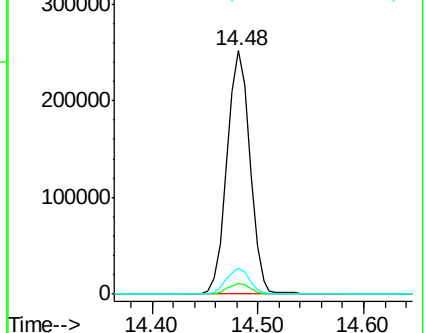
164 10.5 9.3 13.9

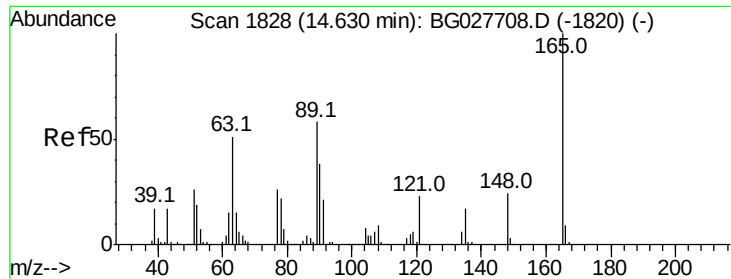


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

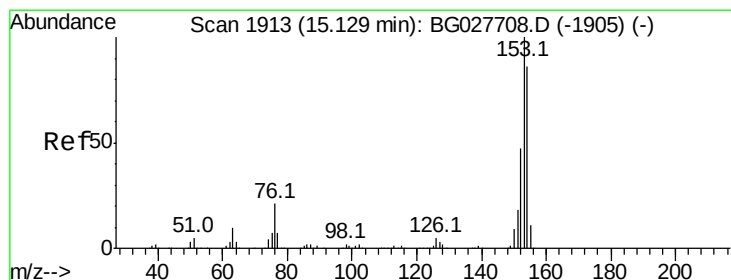
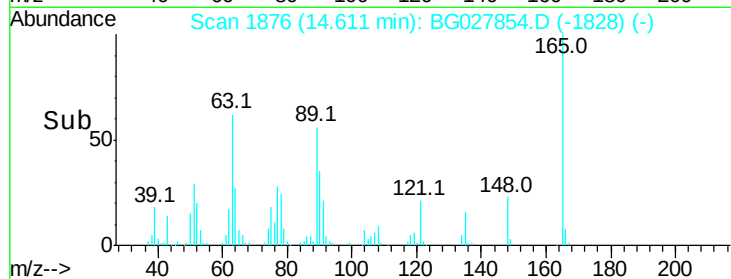
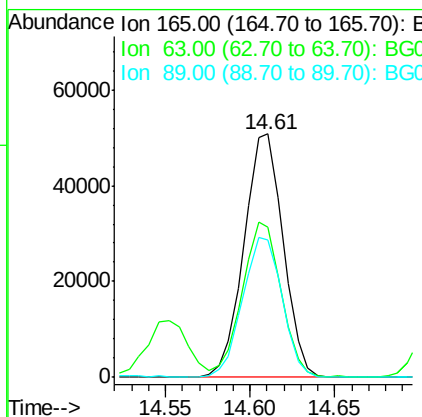
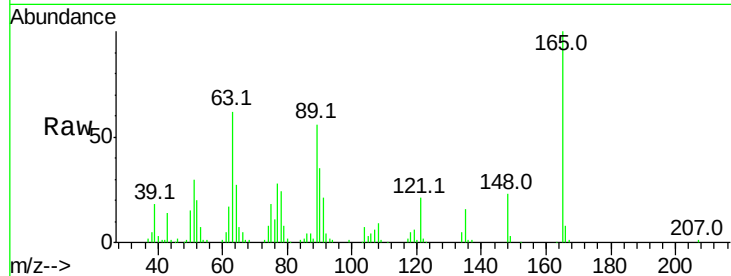




#50
 2,6-Dinitrotoluene
 Concen: 49.81 ng
 RT: 14.61 min Scan# 1876
 Delta R.T. -0.02 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

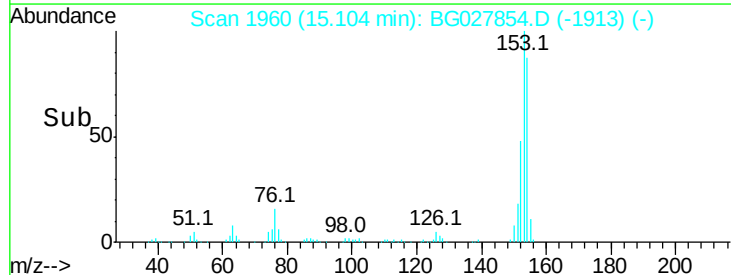
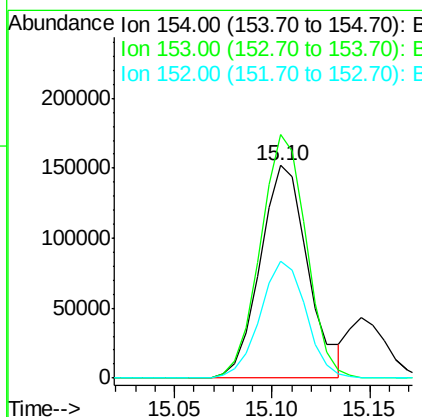
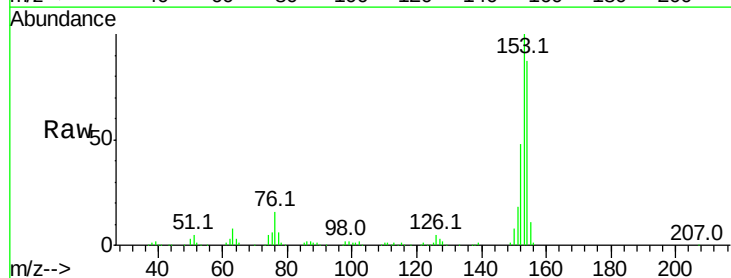
Instrument :
 BNA_G
 ClientSampleId :

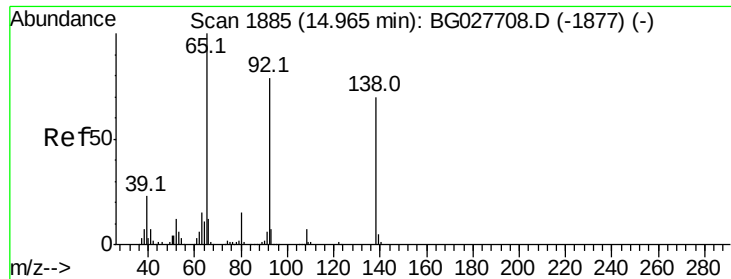
Tot Ion:165 Resp: 82014
 Ion Ratio Lower Upper
 165 100
 63 61.6 63.9 95.9#
 89 56.2 58.6 88.0#



#51
 Acenaphthene
 Concen: 40.85 ng
 RT: 15.10 min Scan# 1960
 Delta R.T. -0.03 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Tgt Ion:154 Resp: 257236
 Ion Ratio Lower Upper
 154 100
 153 114.4 87.8 131.6
 152 54.7 42.2 63.4

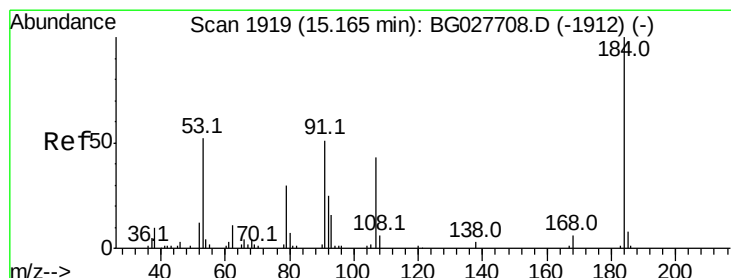
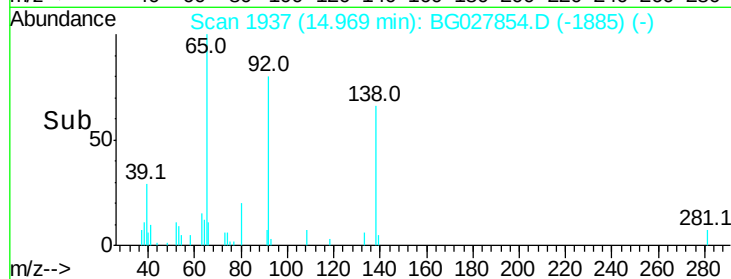
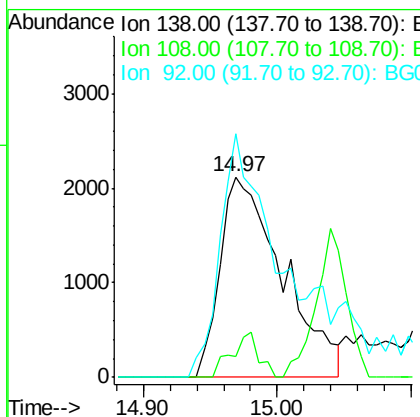
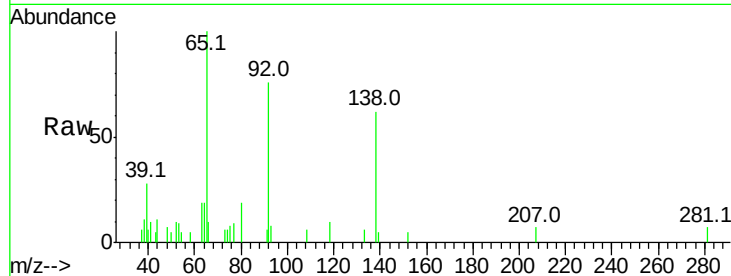




#52
3-Nitroaniline
Concen: 3.57 ng
RT: 14.97 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

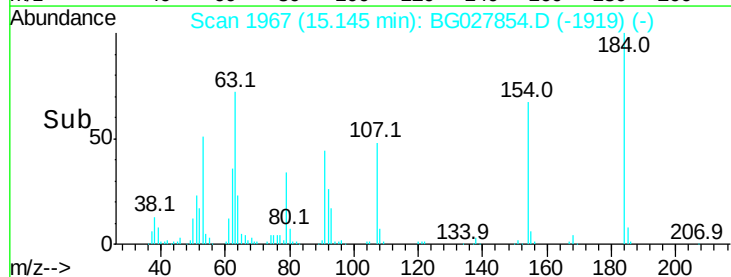
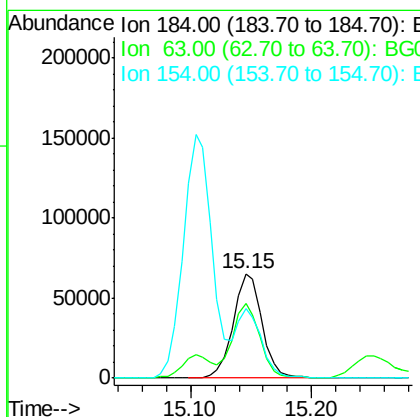
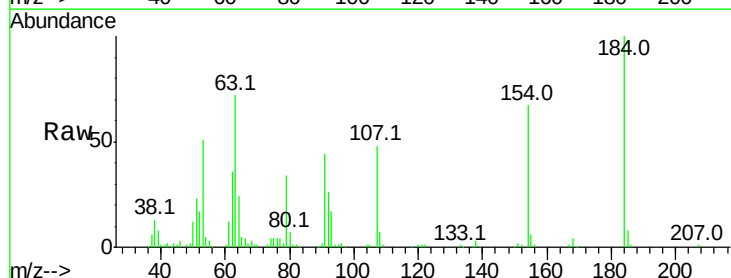
Instrument :
BNA_G
ClientSampleId :

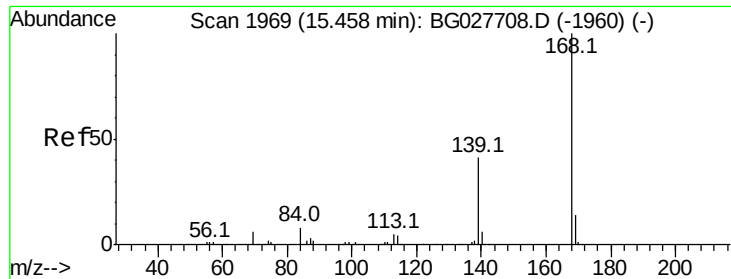
Tot Ion:138 Resp: 6920
Ion Ratio Lower Upper
138 100
108 10.4 10.9 16.3#
92 121.6 115.3 172.9



#53
2,4-Dinitrophenol
Concen: 115.83 ng
RT: 15.15 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

Tgt Ion:184 Resp: 108569
Ion Ratio Lower Upper
184 100
63 71.5 52.7 79.1
154 67.0 57.3 85.9





#54

Dibenzofuran

Concen: 50.69 ng

RT: 15.44 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

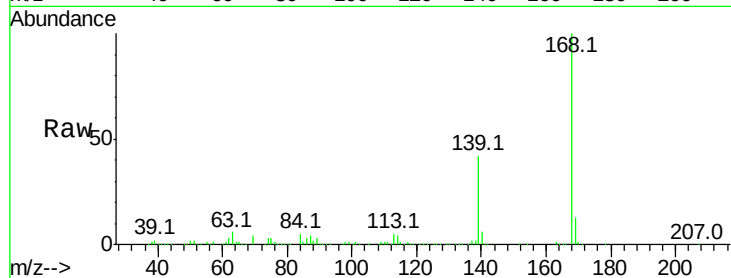
Tot Ion:168 Resp: 422083

Ion Ratio Lower Upper

168 100

139 41.9 35.3 52.9

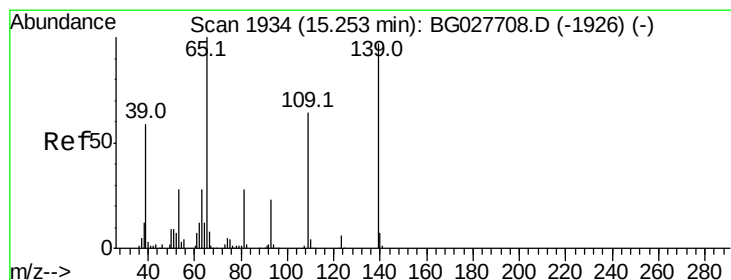
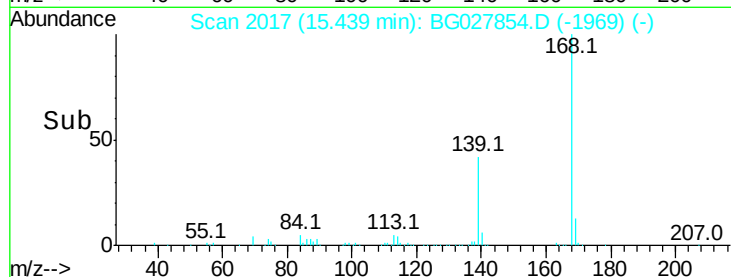
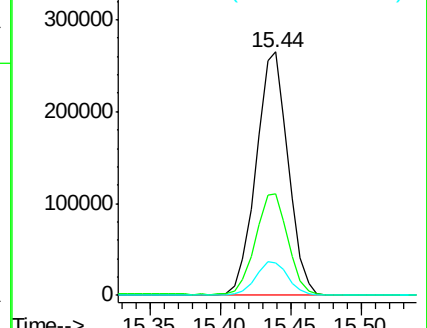
169 13.4 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 73.80 ng

RT: 15.25 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

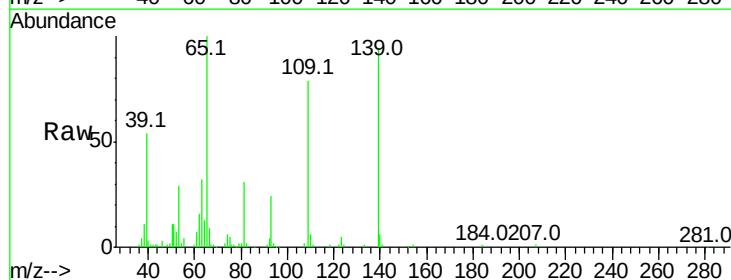
Tgt Ion:139 Resp: 109140

Ion Ratio Lower Upper

139 100

109 83.9 101.2 141.2#

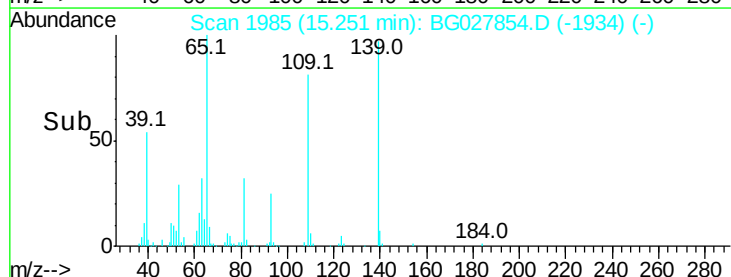
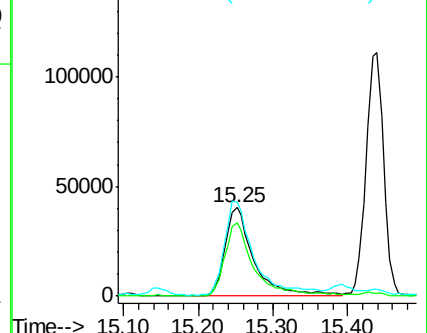
65 105.9 135.3 175.3#

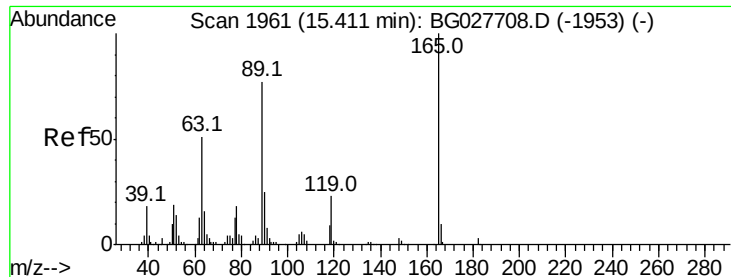


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

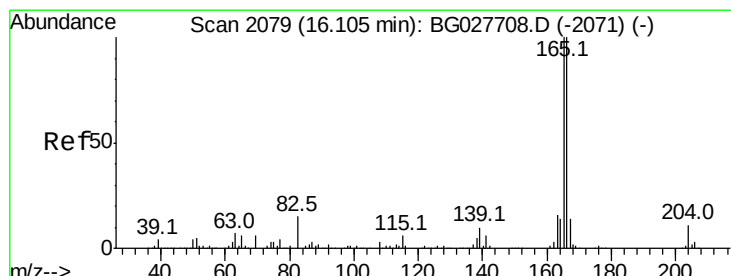
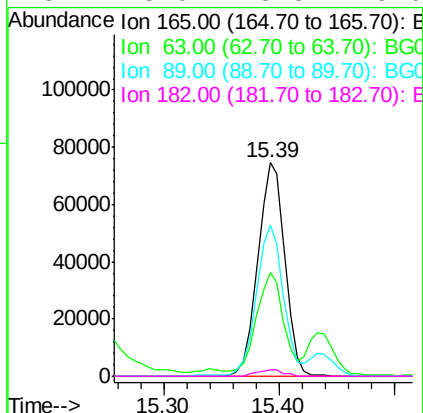
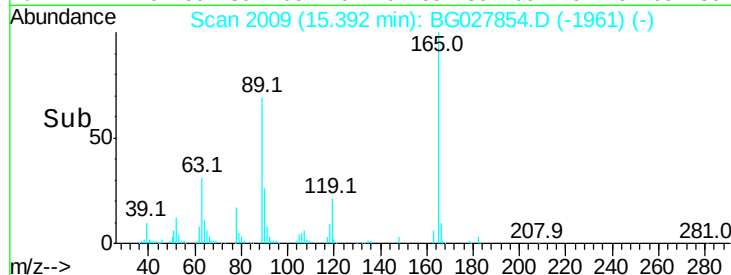
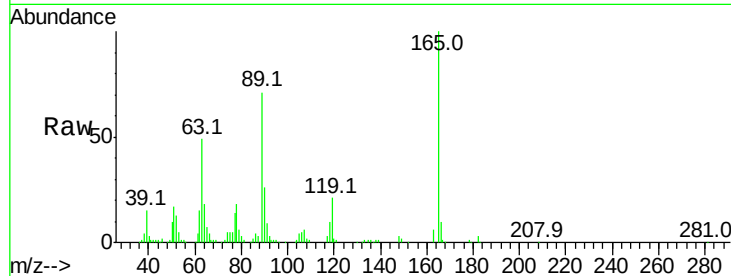




#56
2,4-Dinitrotoluene
Concen: 52.76 ng
RT: 15.39 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

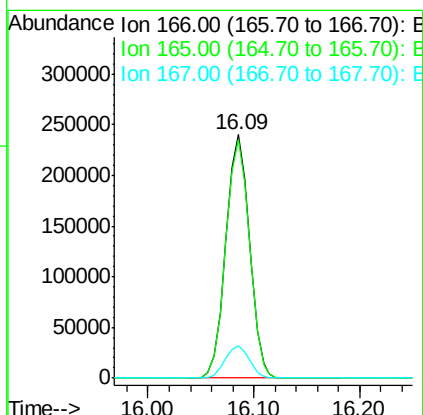
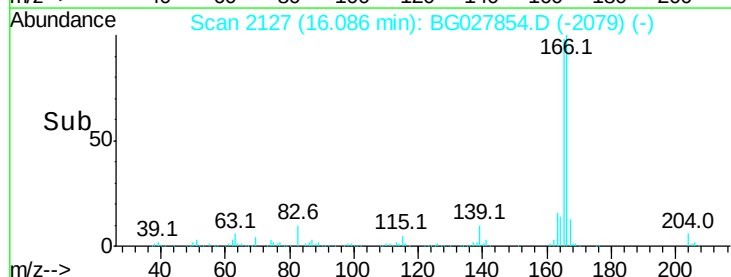
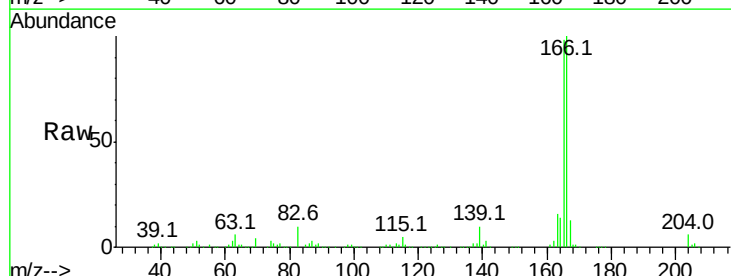
Instrument :
BNA_G
ClientSampleId :

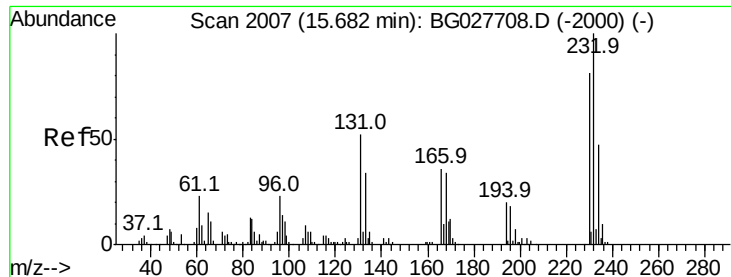
Tot Ion:165 Resp: 121178
Ion Ratio Lower Upper
165 100
63 48.8 44.0 66.0
89 70.8 67.3 100.9
182 3.0 3.8 5.6#



#57
Fluorene
Concen: 45.84 ng
RT: 16.09 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

Tgt Ion:166 Resp: 370090
Ion Ratio Lower Upper
166 100
165 98.1 78.6 117.8
167 13.4 11.6 17.4

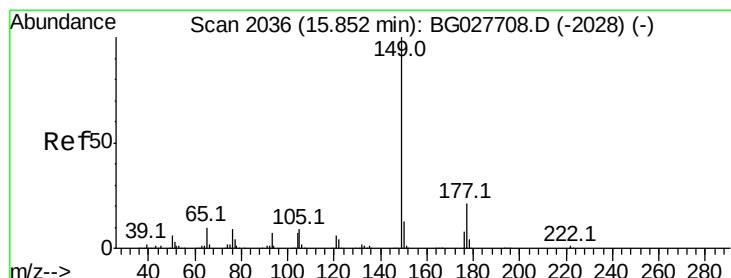
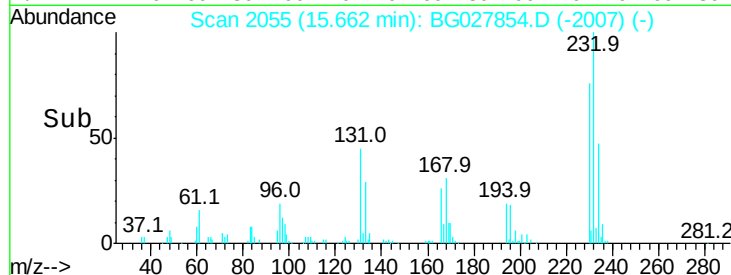
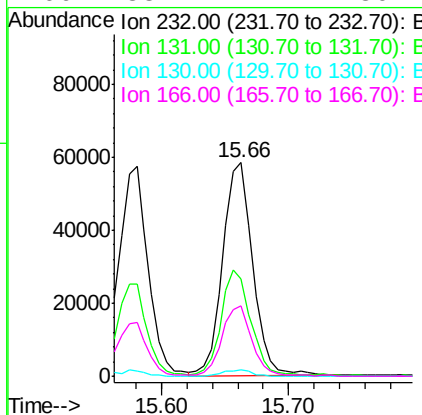
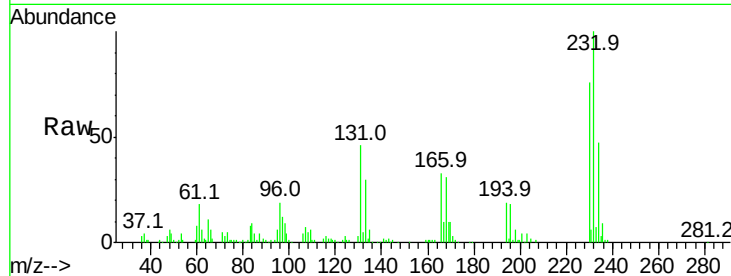




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.82 ng
 RT: 15.66 min Scan# 2055
 Delta R.T. -0.02 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

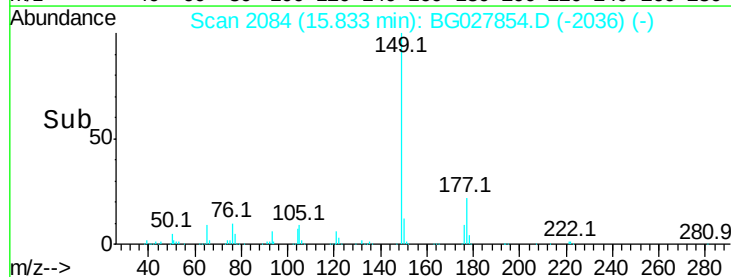
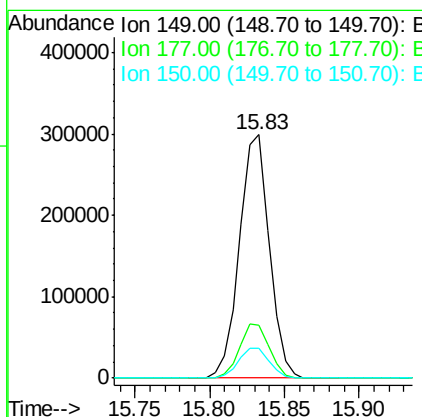
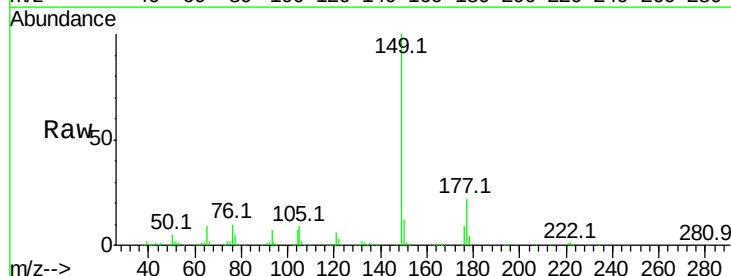
Instrument :
 BNA_G
 ClientSampleId :

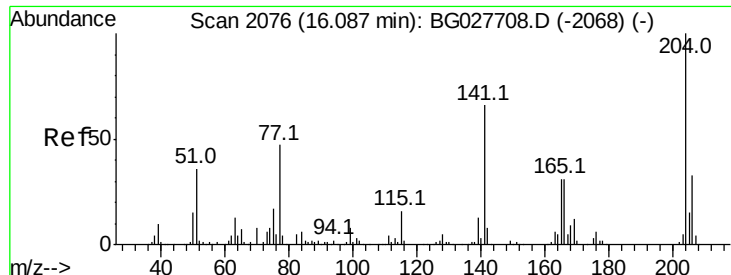
Tot Ion:232 Resp: 95175
 Ion Ratio Lower Upper
 232 100
 131 49.1 34.9 52.3
 130 2.8 2.3 3.5
 166 33.1 24.2 36.4



#59
 Diethylphthalate
 Concen: 49.55 ng
 RT: 15.83 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Tgt Ion:149 Resp: 415617
 Ion Ratio Lower Upper
 149 100
 177 22.0 20.1 30.1
 150 12.3 10.2 15.2

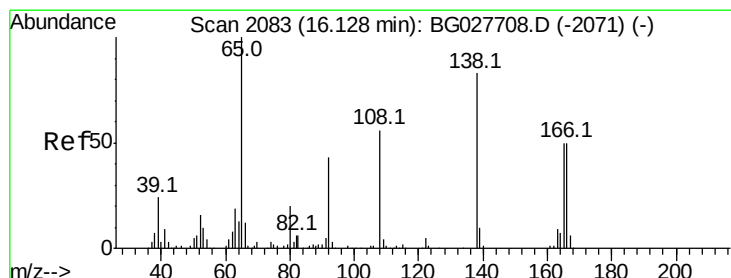
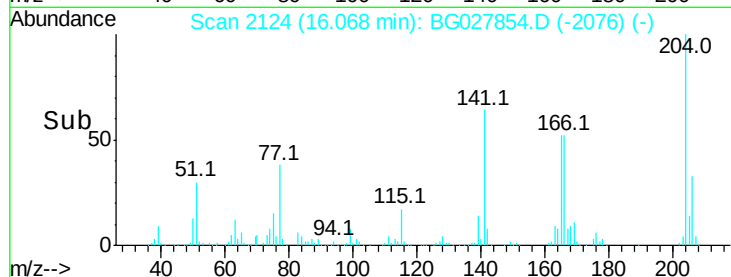
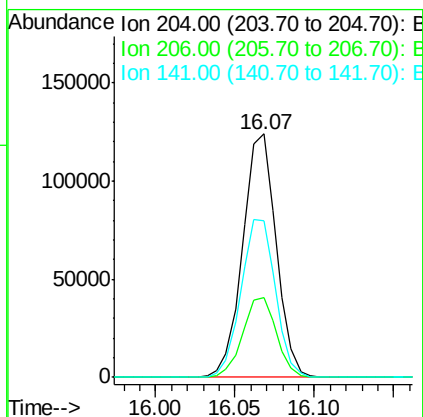
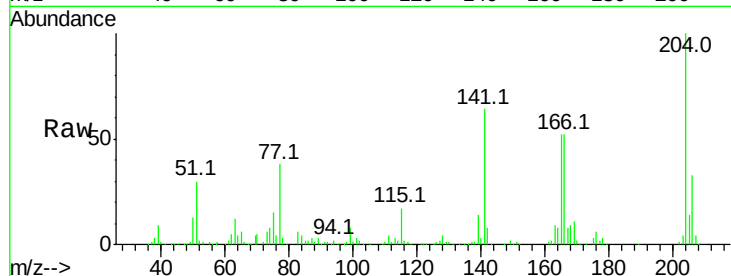




#60
 4-Chlorophenyl-phenylether
 Concen: 50.82 ng
 RT: 16.07 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

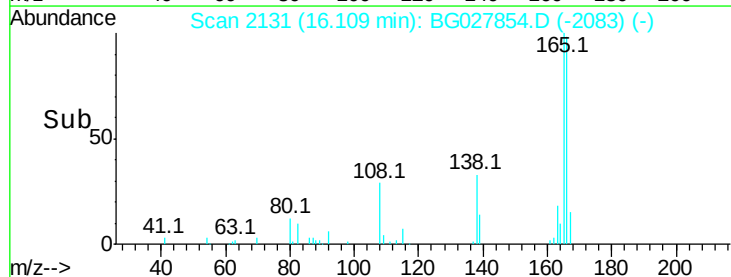
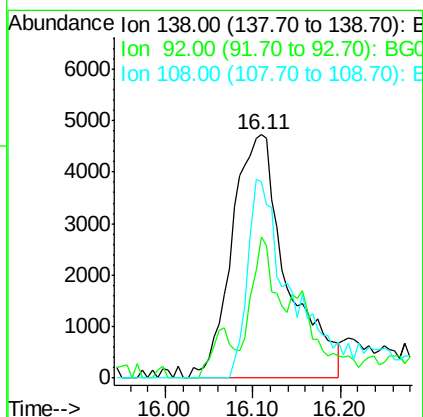
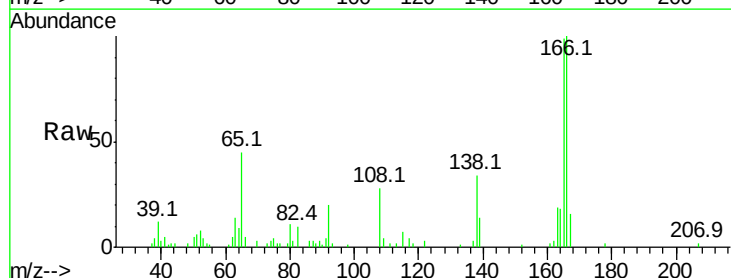
Instrument :
 BNA_G
 ClientSampled :

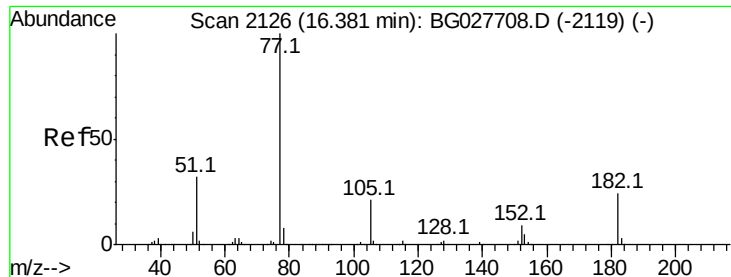
Tot Ion:204 Resp: 181626
 Ion Ratio Lower Upper
 204 100
 206 32.7 30.1 45.1
 141 64.1 50.6 76.0



#61
 4-Nitroaniline
 Concen: 10.02 ng
 RT: 16.11 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Tgt Ion:138 Resp: 20217
 Ion Ratio Lower Upper
 138 100
 92 58.1 44.2 84.2
 108 80.5 104.8 144.8#





#62

Azobenzene

Concen: 39.33 ng

RT: 16.36 min Scan# 2173

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 289921

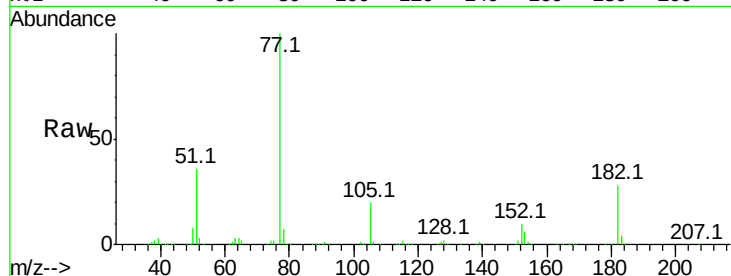
Ion	Ratio	Lower	Upper
77	100		
182	28.4	4.7	44.7
105	20.0	0.0	36.3
51	35.7	16.4	56.4

77 100

182 28.4 4.7 44.7

105 20.0 0.0 36.3

51 35.7 16.4 56.4



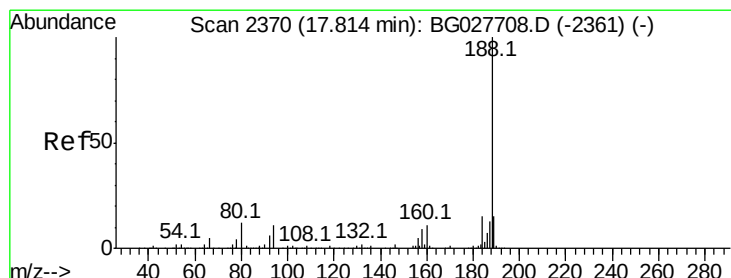
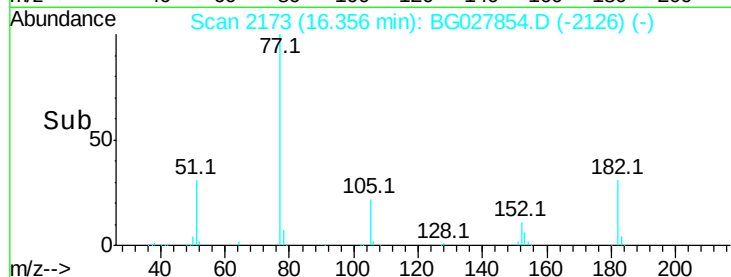
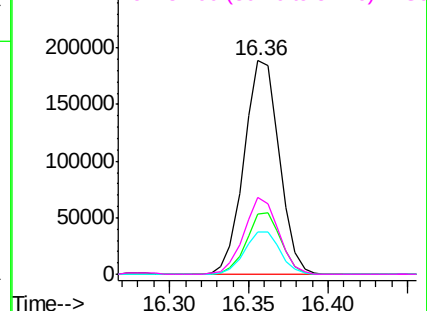
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

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: BG027854.D

Acq: 5 Jul 2017 19:10

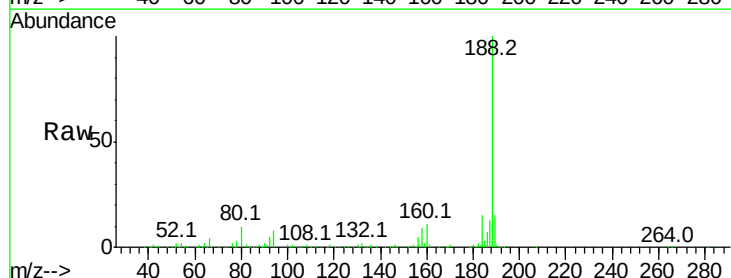
Tgt Ion: 188 Resp: 234715

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.8	8.8
80	9.5	7.5	11.3

188 100

94 7.7 5.8 8.8

80 9.5 7.5 11.3

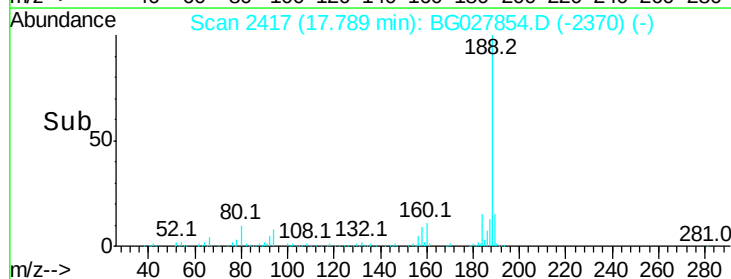
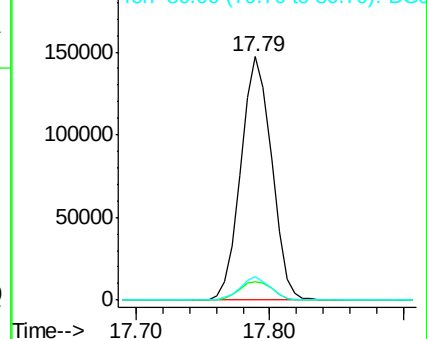


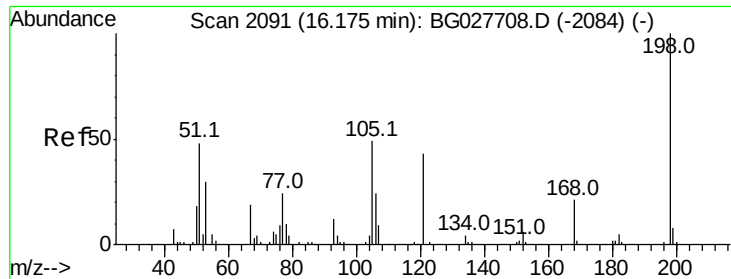
Abundance

Ion 188.00 (187.70 to 188.70): BGC

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: 48.10 ng

RT: 16.16 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

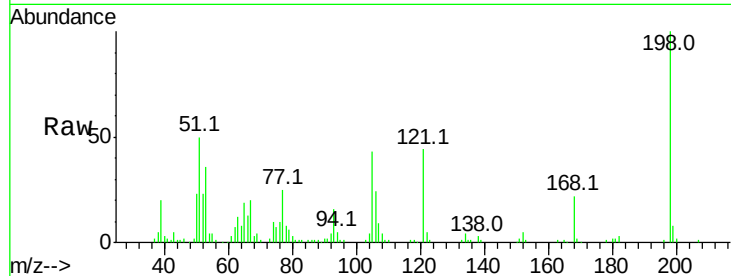
Tot Ion:198 Resp: 70452

Ion Ratio Lower Upper

198 100

51 49.8 22.6 62.6

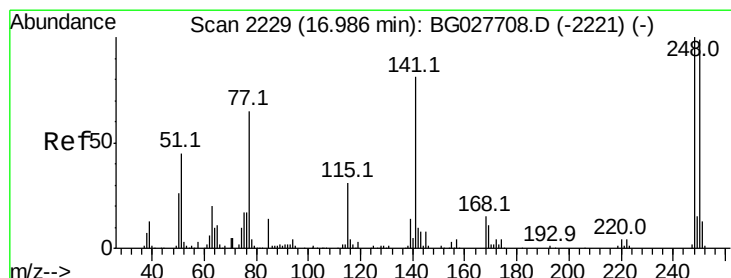
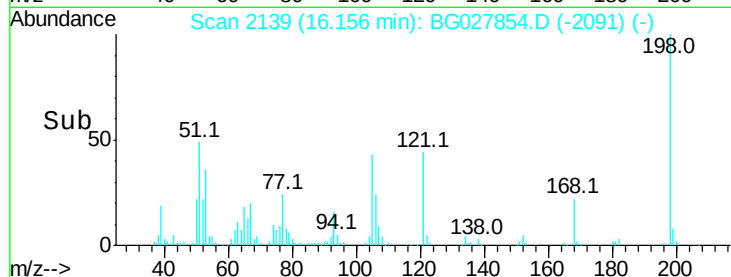
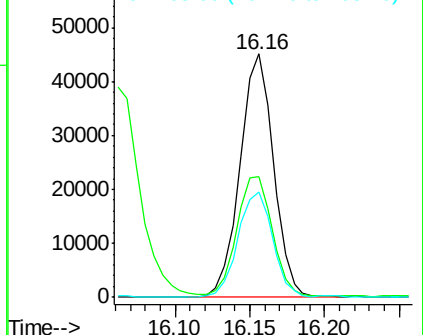
105 43.3 14.4 54.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.58 ng

RT: 16.96 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

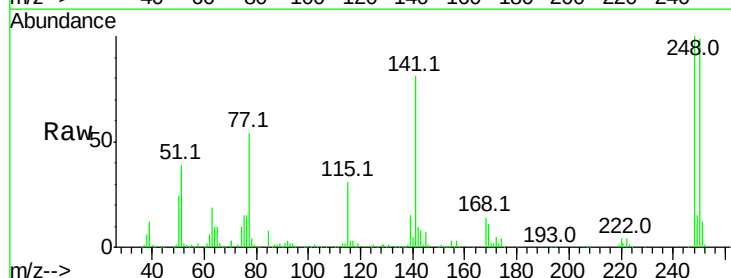
Tgt Ion:248 Resp: 126623

Ion Ratio Lower Upper

248 100

250 99.0 75.0 112.6

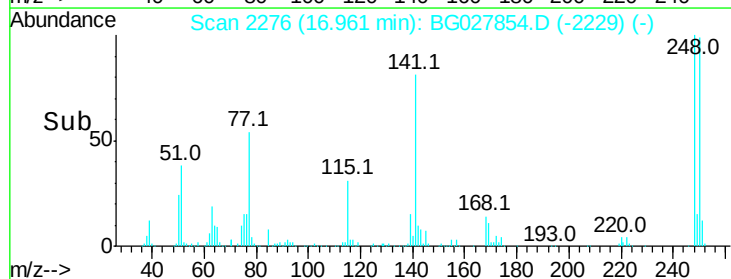
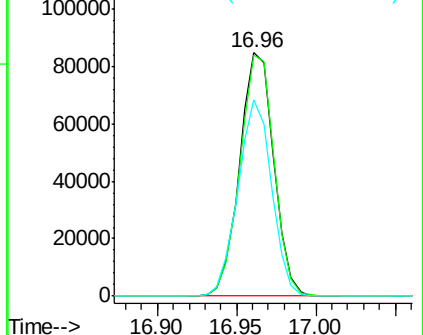
141 80.5 55.2 82.8

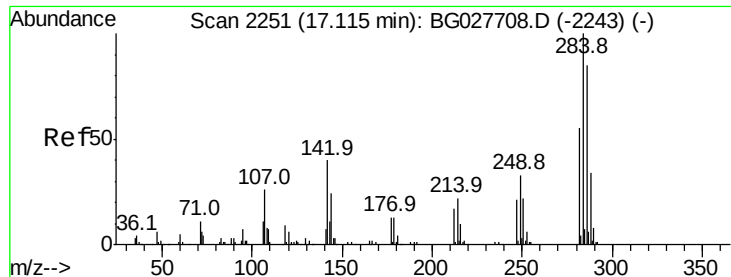


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

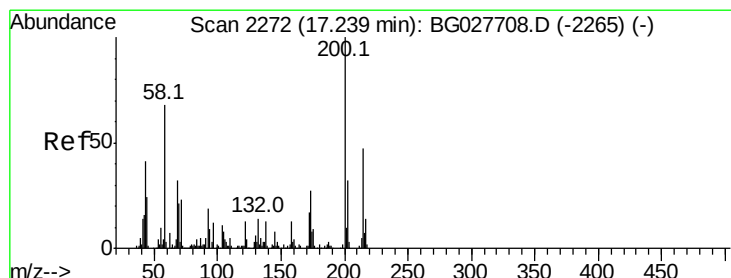
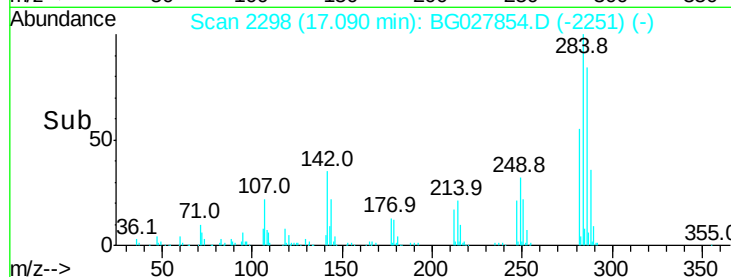
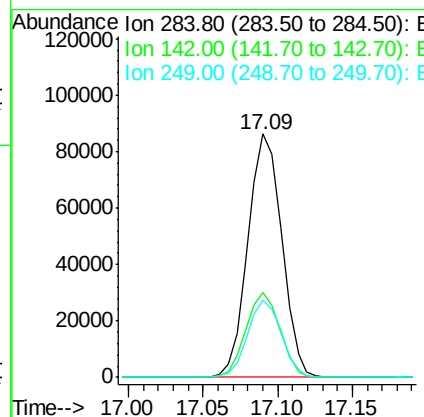
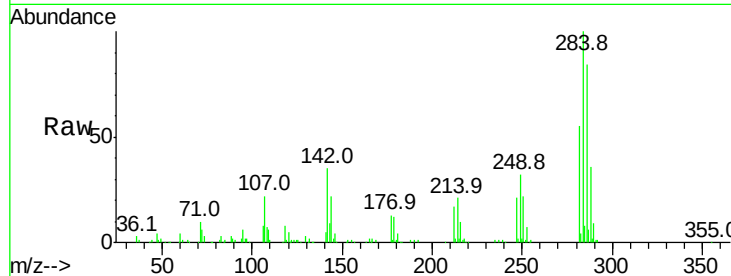




#67
Hexachlorobenzene
Concen: 52.02 ng
RT: 17.09 min Scan# 2298
Delta R.T. -0.03 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

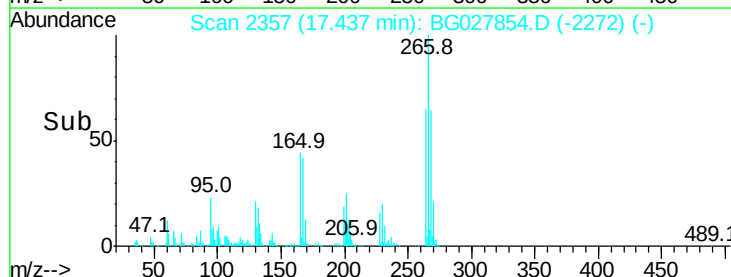
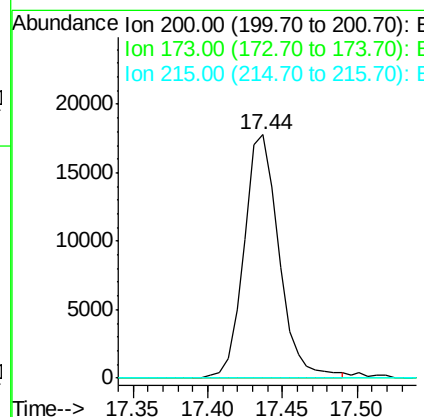
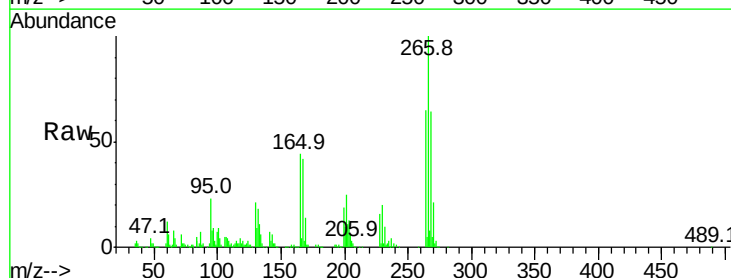
Instrument :
BNA_G
ClientSampleId :

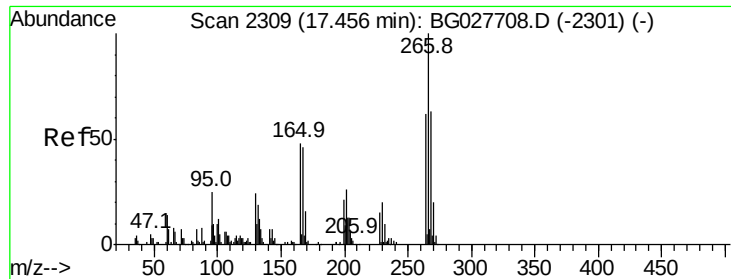
Tot Ion	Ratio	Lower	Upper
284	100		
142	34.9	29.9	44.9
249	31.9	29.2	43.8



#68
Atrazine
Concen: 11.99 ng
RT: 17.44 min Scan# 2357
Delta R.T. 0.20 min
Lab File: BG027854.D
Acq: 5 Jul 2017 19:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	3.0	43.0#
215	0.0	28.4	68.4#

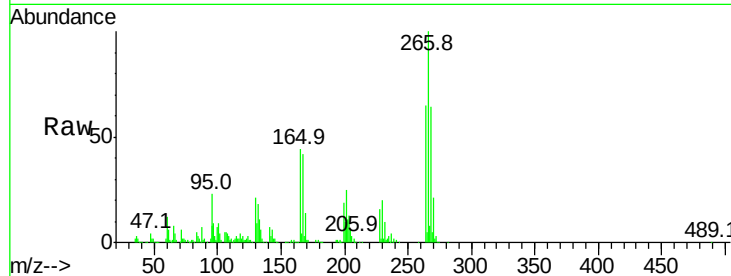




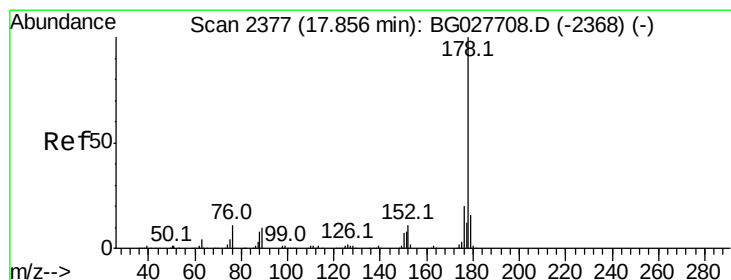
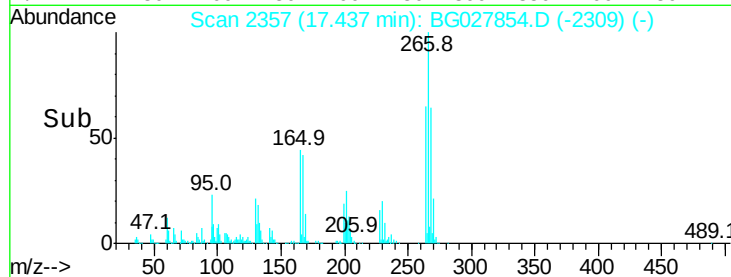
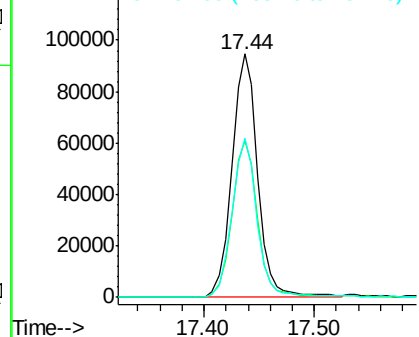
#69
 Pentachlorophenol
 Concen: 92.28 ng
 RT: 17.44 min Scan# 2357
 Delta R.T. -0.02 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	48.6	72.8
264	65.1	50.1	75.1

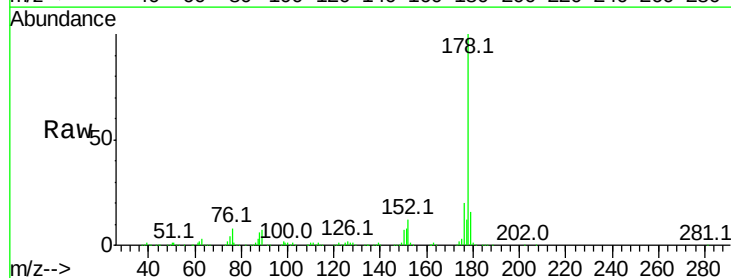


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

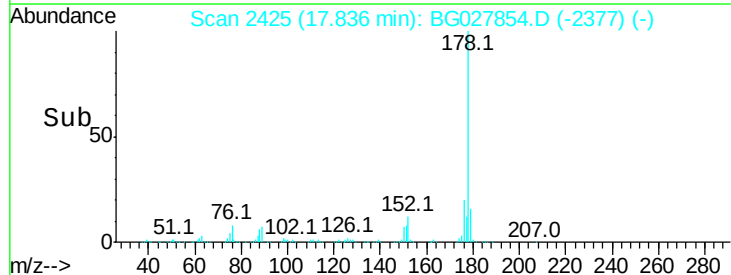
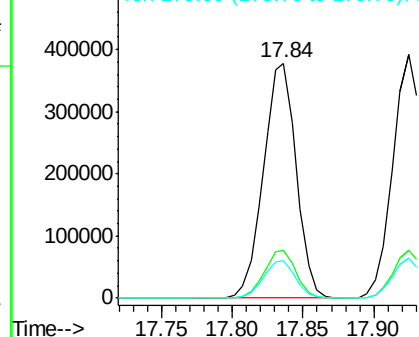


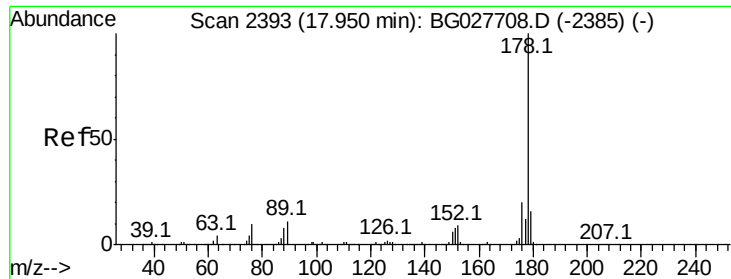
#70
 Phenanthrene
 Concen: 45.26 ng
 RT: 17.84 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	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

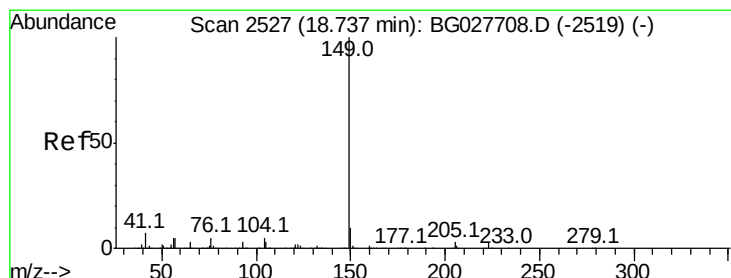
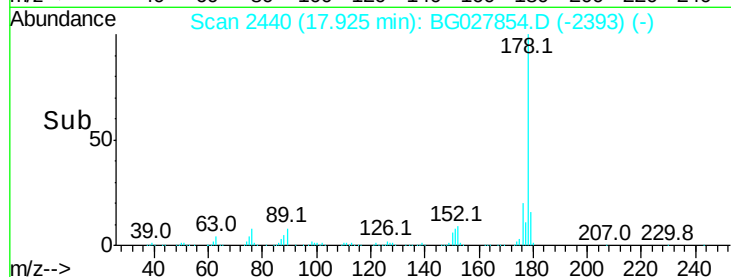
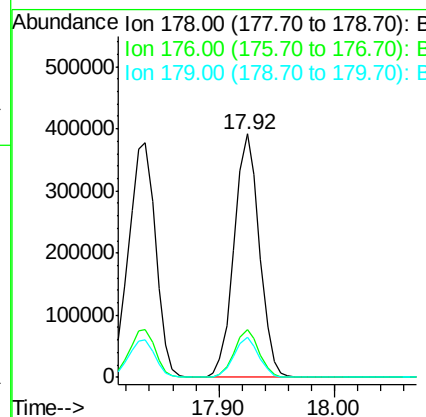
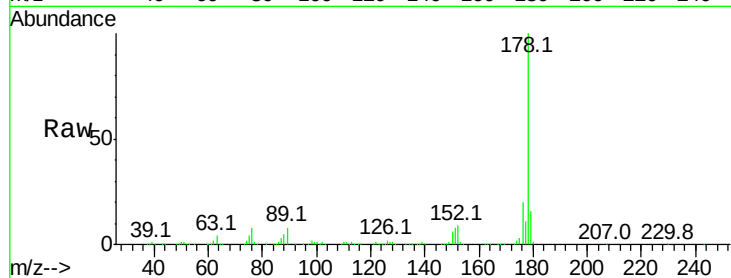




#71
 Anthracene
 Concen: 43.43 ng
 RT: 17.92 min Scan# 2440
 Delta R.T. -0.03 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

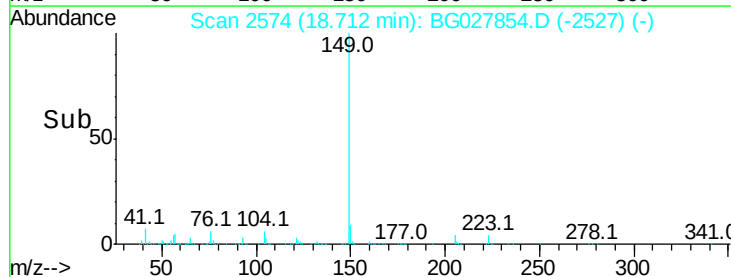
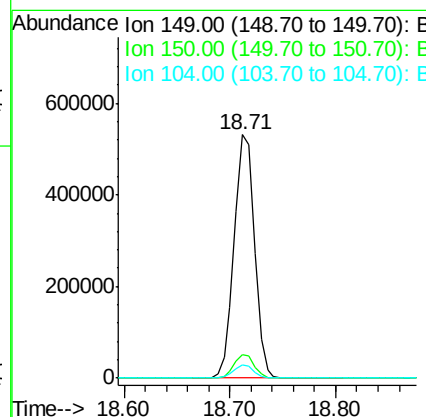
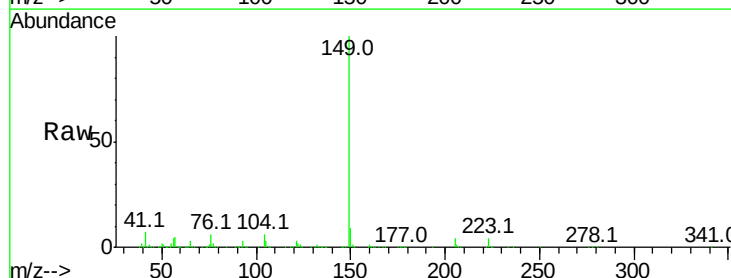
Instrument :
 BNA_G
 ClientSampled :

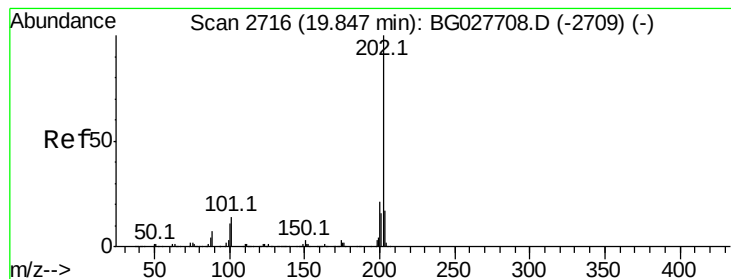
Tot Ion:178 Resp: 594282
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.4 24.6
 179 16.5 13.8 20.8



#73
 Di-n-butylphthalate
 Concen: 47.46 ng
 RT: 18.71 min Scan# 2574
 Delta R.T. -0.03 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Tgt Ion:149 Resp: 702826
 Ion Ratio Lower Upper
 149 100
 150 9.5 9.1 13.7
 104 5.6 6.7 10.1#

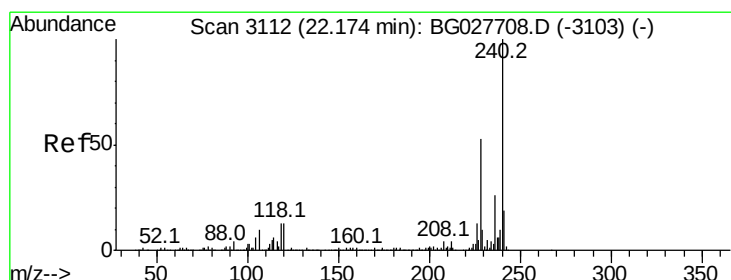
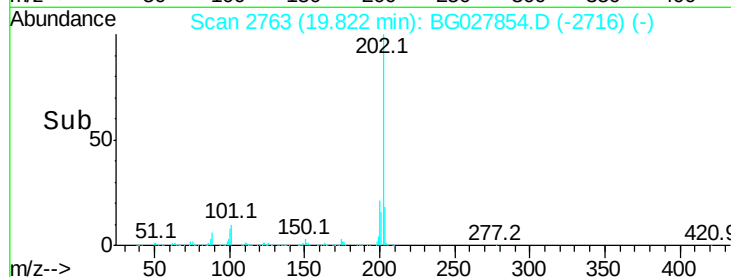
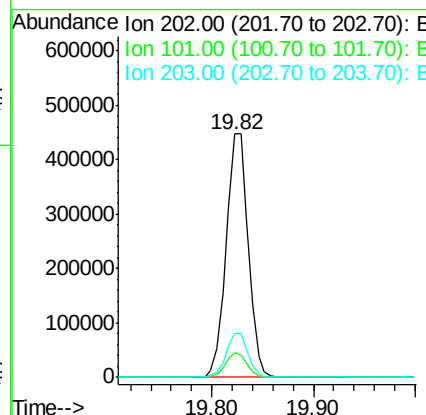
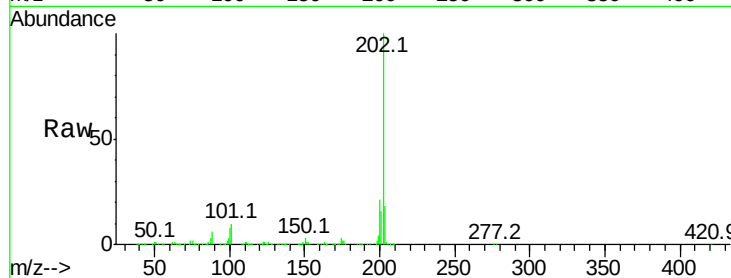




#74
 Fluoranthene
 Concen: 45.54 ng
 RT: 19.82 min Scan# 2763
 Delta R.T. -0.03 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

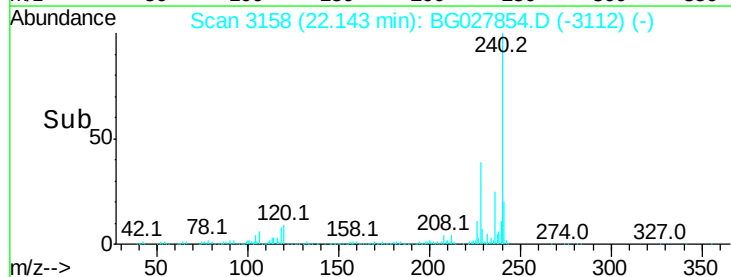
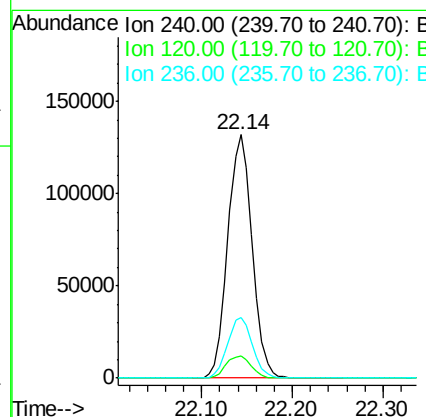
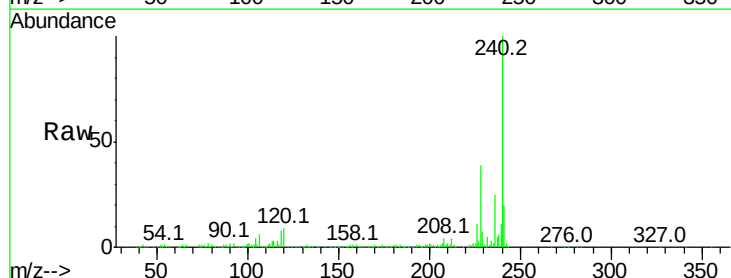
Instrument :
 BNA_G
 ClientSampleId :

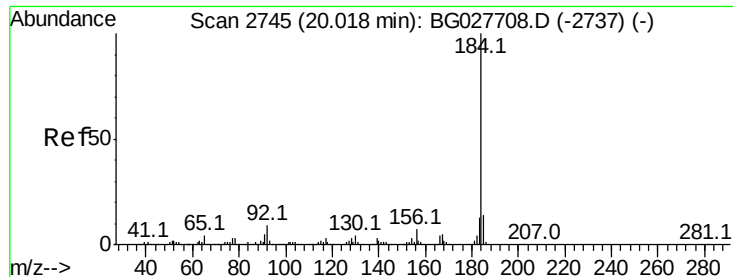
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.1
203	18.3	1.3	41.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.14 min Scan# 3158
 Delta R.T. -0.03 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.7	8.5#
236	25.1	22.2	33.4





#76

Benzidine

Concen: 3.24 ng

RT: 20.00 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

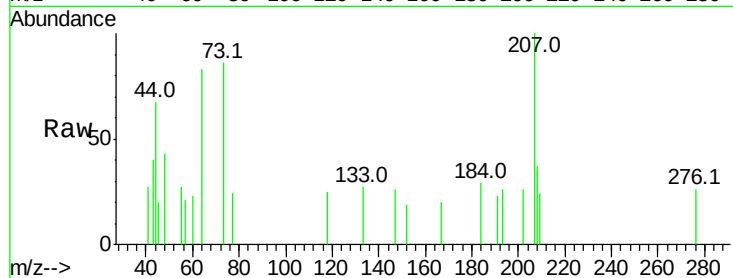
Tot Ion:184 Resp: 147

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

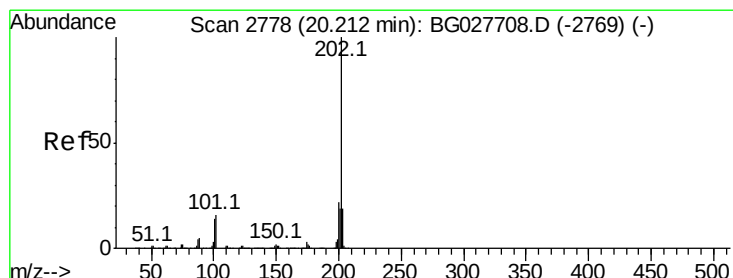
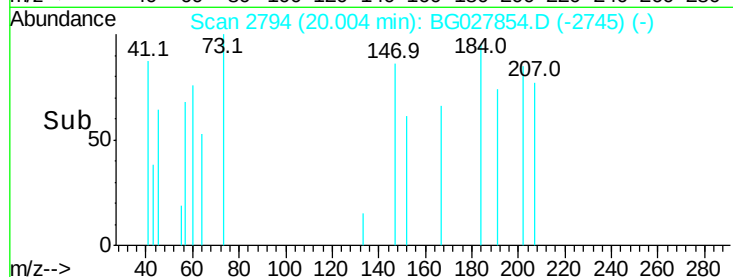
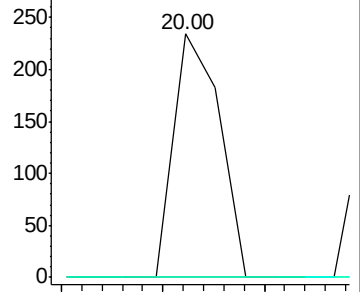
183 0.0 11.0 16.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 31.16 ng

RT: 20.19 min Scan# 2825

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

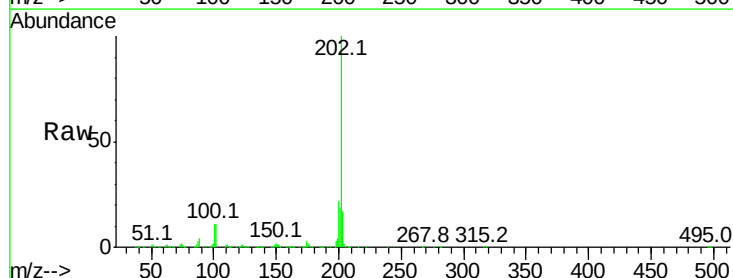
Tgt Ion:202 Resp: 479653

Ion Ratio Lower Upper

202 100

200 21.8 19.6 29.4

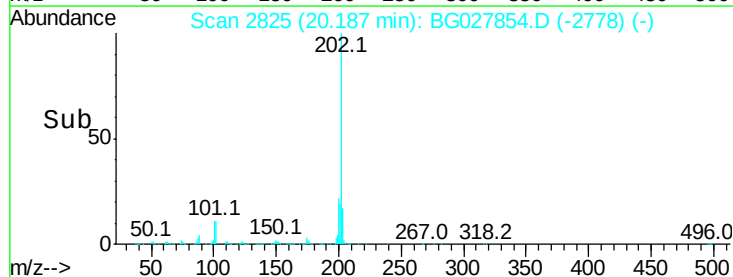
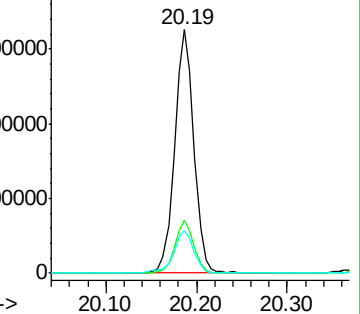
203 17.4 15.8 23.8

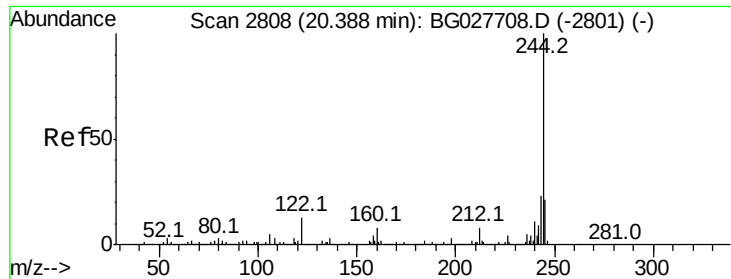


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 106.60 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

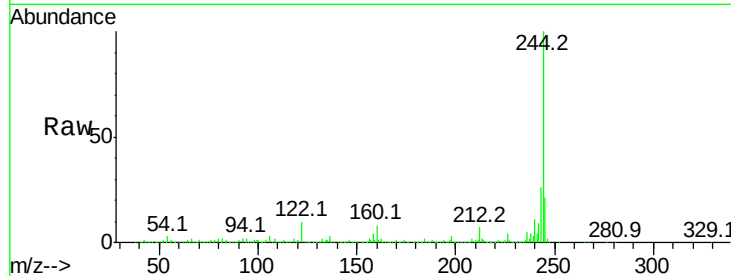
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1115197

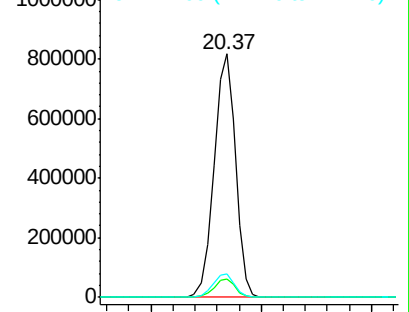
Ion	Ratio	Lower	Upper
244	100		
212	7.4	10.0	15.0#
122	9.6	8.6	12.8



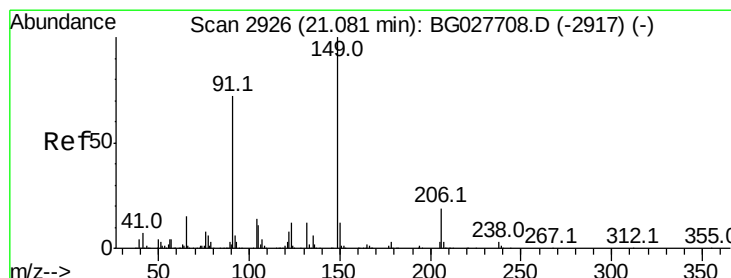
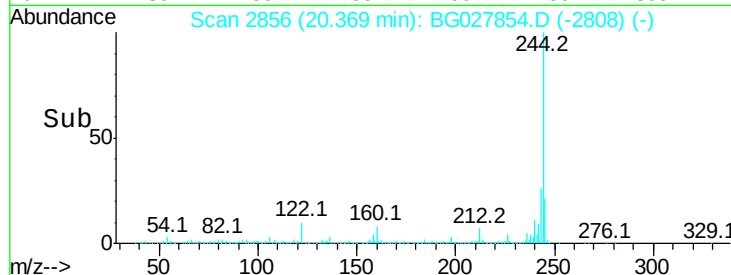
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#79

Butylbenzylphthalate

Concen: 40.59 ng

RT: 21.06 min Scan# 2973

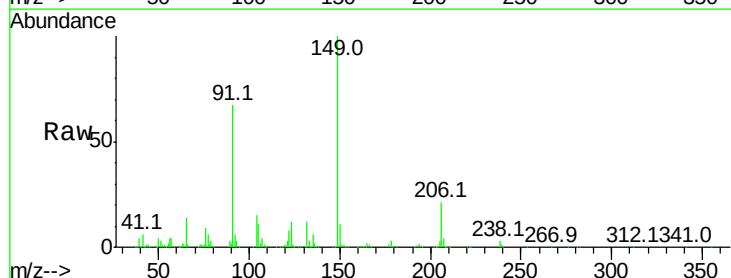
Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Tgt Ion:149 Resp: 281389

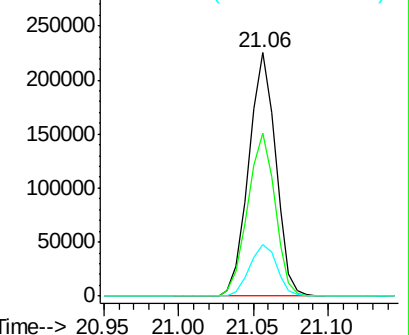
Ion	Ratio	Lower	Upper
149	100		
91	66.8	63.5	95.3
206	21.4	21.0	31.6



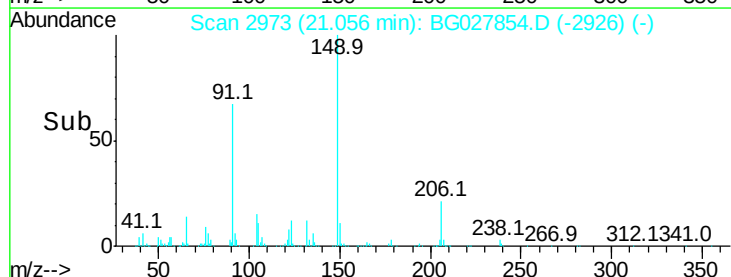
Abundance Ion 149.00 (148.70 to 149.70): E

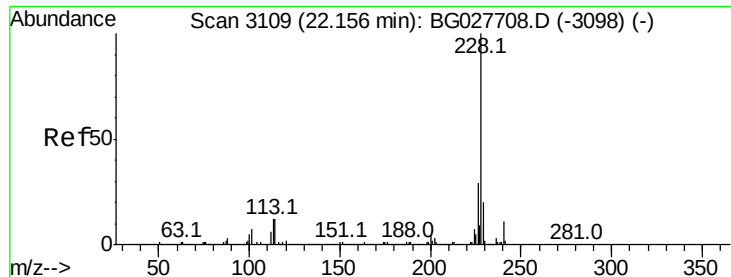
Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E



Time-->





#80

Benzo(a)anthracene

Concen: 41.85 ng

RT: 22.12 min Scan# 3154

Delta R.T. -0.04 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

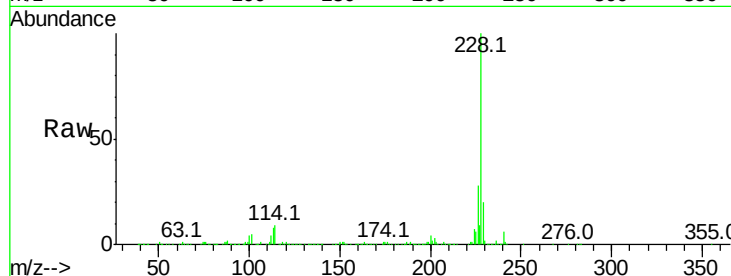
Tot Ion:228 Resp: 620486

Ion Ratio Lower Upper

228 100

226 27.5 24.9 37.3

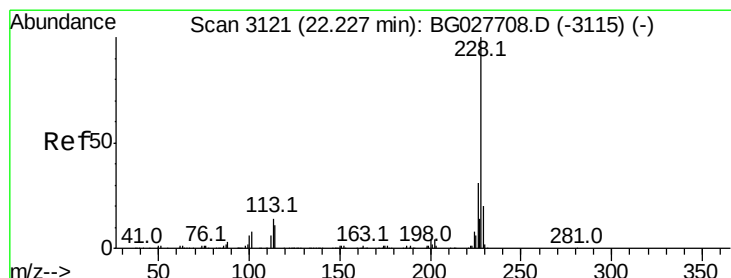
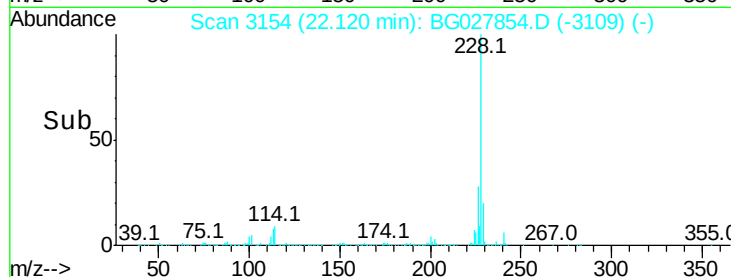
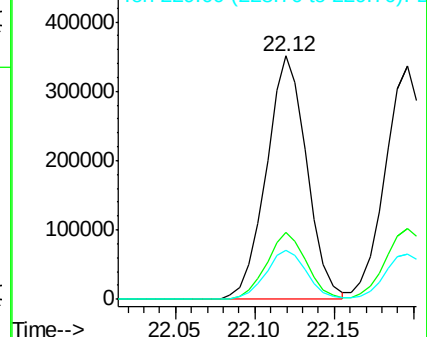
229 20.1 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 43.81 ng

RT: 22.20 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

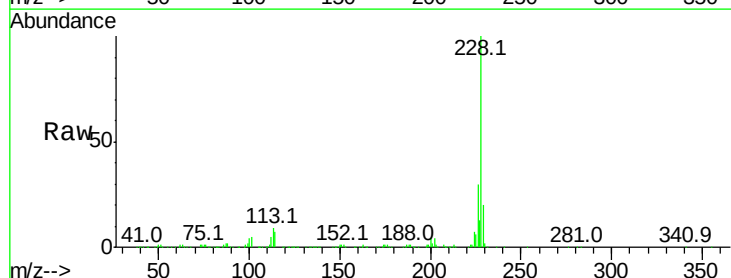
Tgt Ion:228 Resp: 608835

Ion Ratio Lower Upper

228 100

226 30.2 27.0 40.4

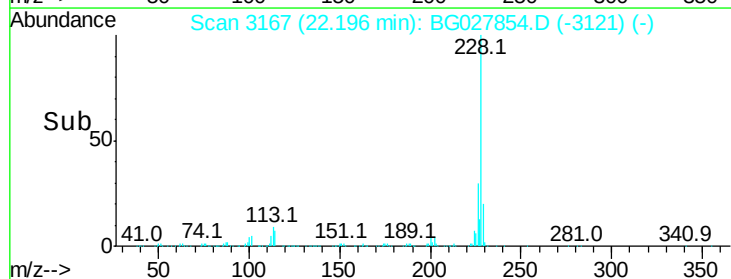
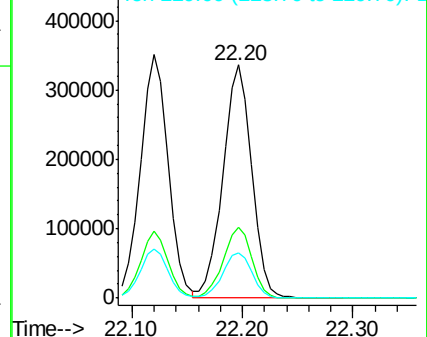
229 19.5 17.8 26.6

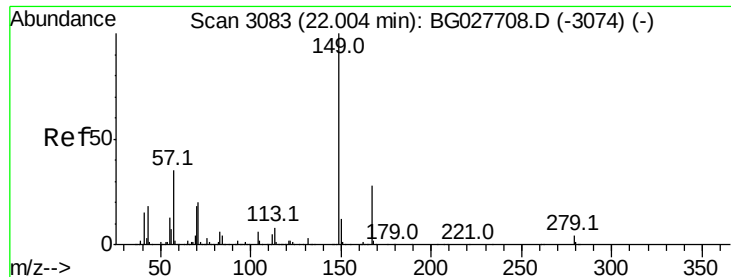


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.30 ng

RT: 21.97 min Scan# 3129

Delta R.T. -0.03 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

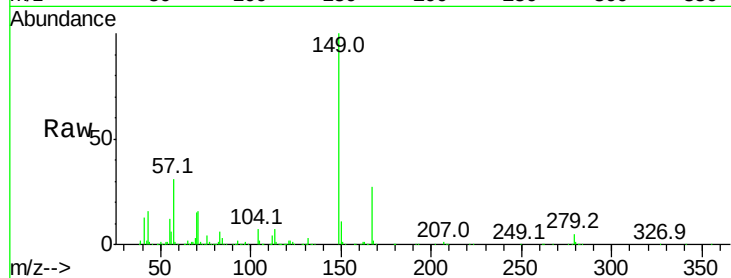
Tot Ion:149 Resp: 438646

Ion Ratio Lower Upper

149 100

167 27.4 23.7 35.5

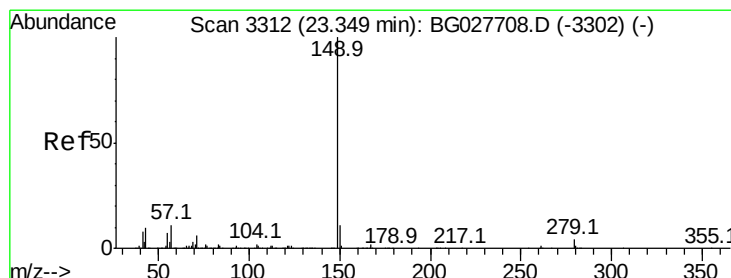
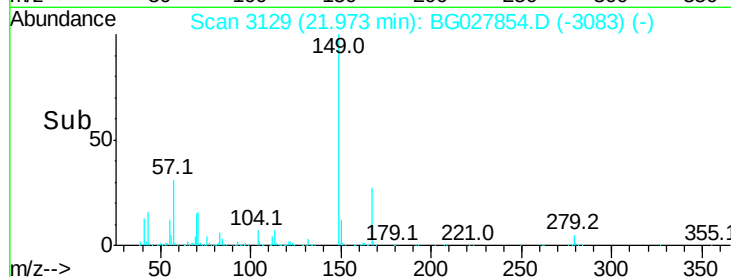
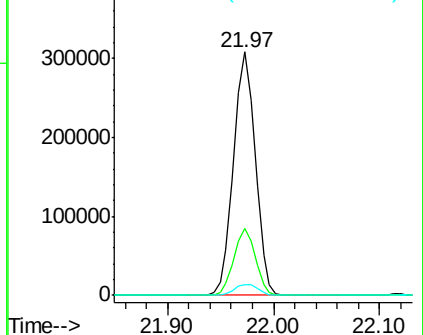
279 4.6 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.92 ng

RT: 23.31 min Scan# 3356

Delta R.T. -0.04 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

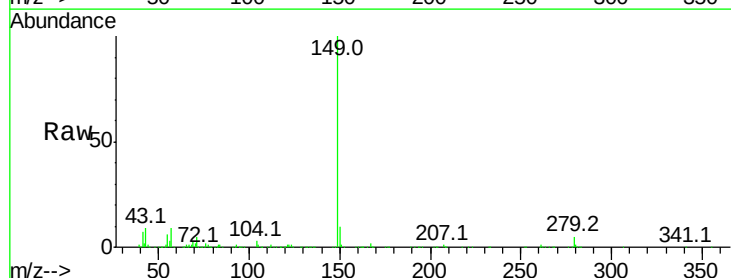
Tgt Ion:149 Resp: 735041

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

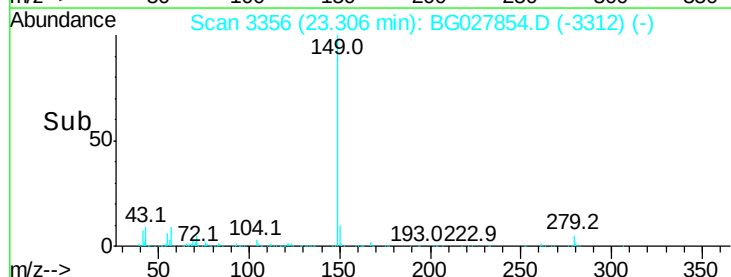
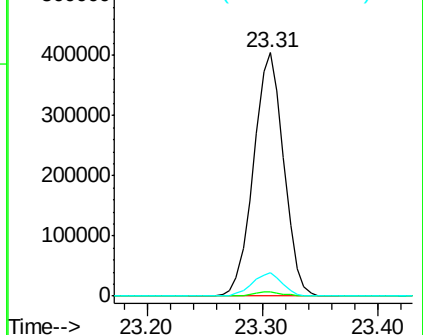
43 9.6 11.8 17.6#

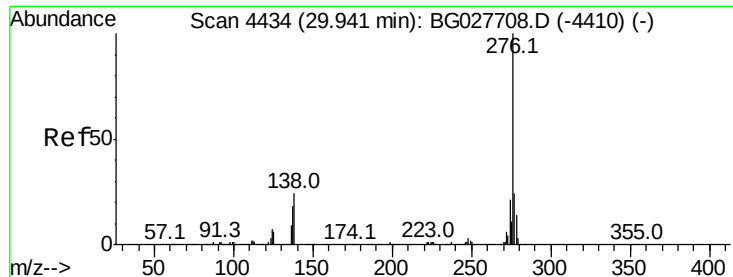


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

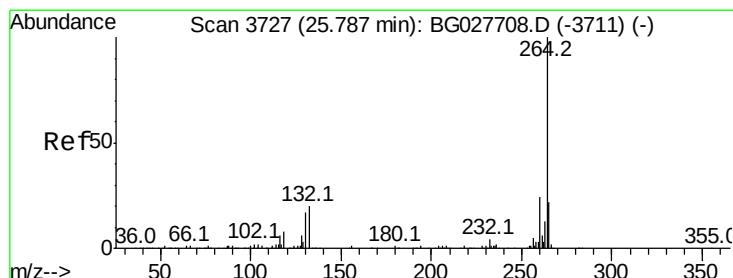
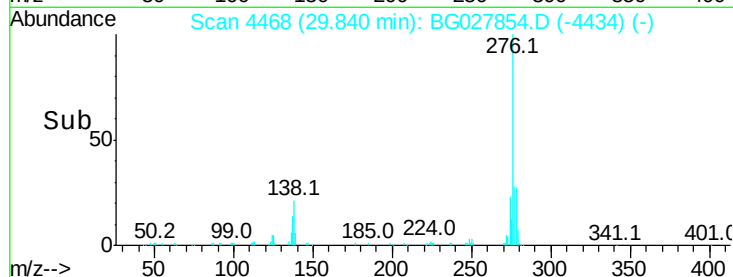
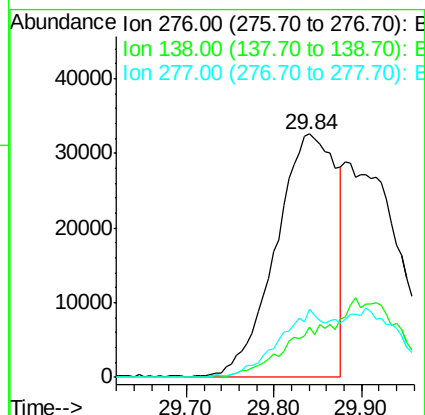
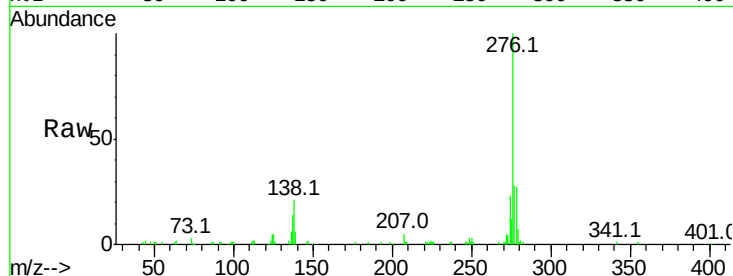




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.85 ng
 RT: 29.84 min Scan# 4468
 Delta R.T. -0.10 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

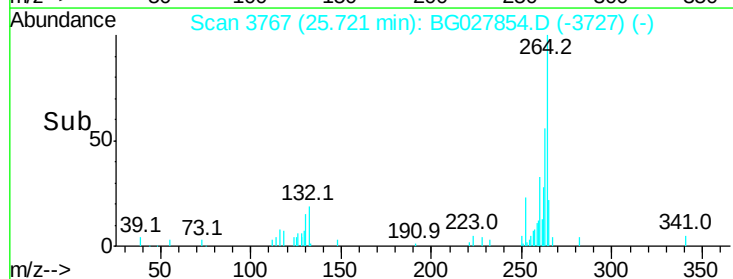
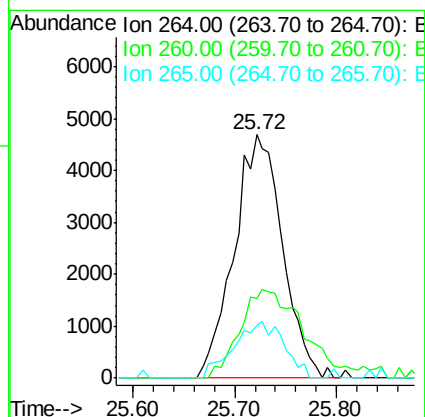
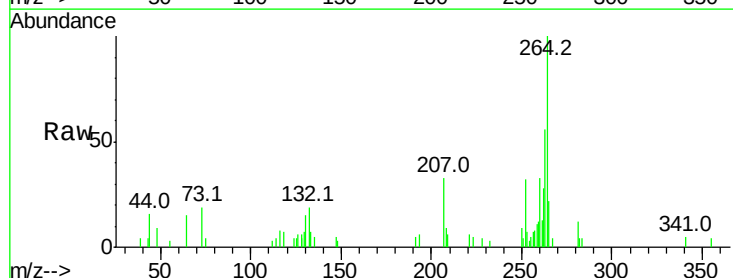
Instrument :
 BNA_G
 ClientSampleId :

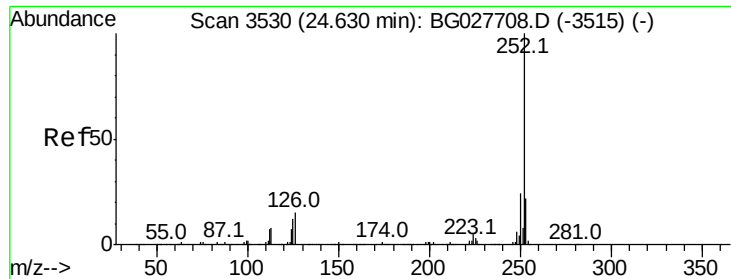
Tot Ion:276 Resp: 156401
 Ion Ratio Lower Upper
 276 100
 138 0.0 4.7 7.1#
 277 20.5 20.6 31.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.72 min Scan# 3767
 Delta R.T. -0.07 min
 Lab File: BG027854.D
 Acq: 5 Jul 2017 19:10

Tgt Ion:264 Resp: 15551
 Ion Ratio Lower Upper
 264 100
 260 32.8 21.8 32.8#
 265 21.6 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 598.57 ng

RT: 24.58 min Scan# 3573

Delta R.T. -0.05 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampled :

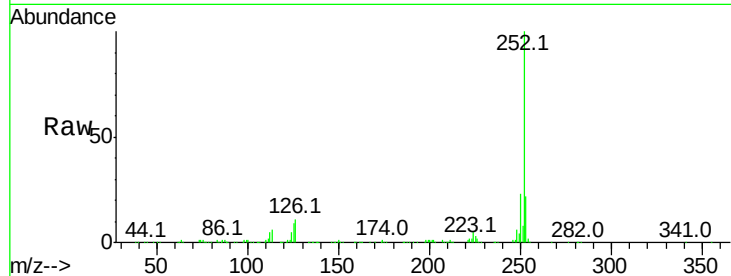
Tot Ion:252 Resp: 599701

Ion Ratio Lower Upper

252 100

253 22.2 18.7 28.1

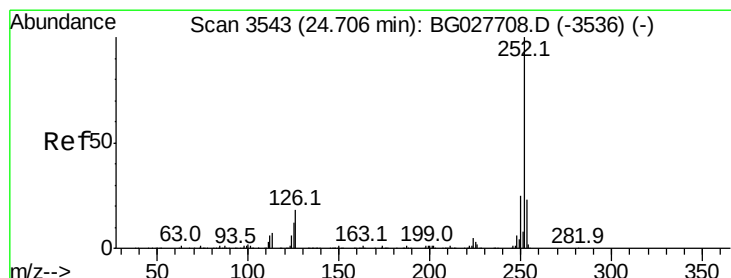
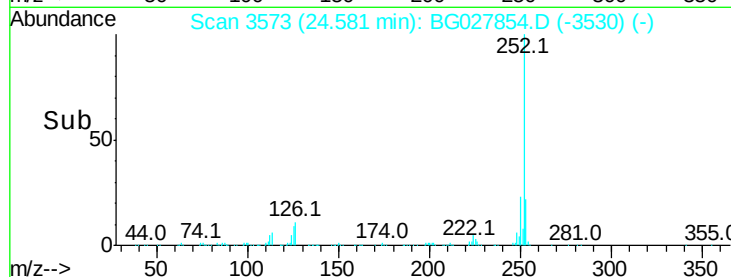
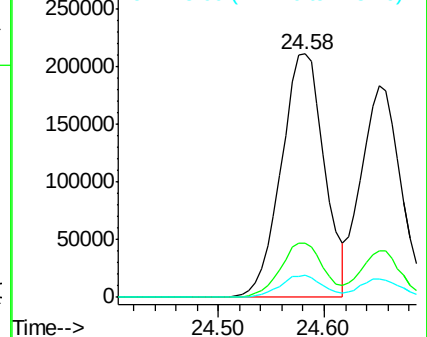
125 9.1 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 483.34 ng

RT: 24.65 min Scan# 3585

Delta R.T. -0.05 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

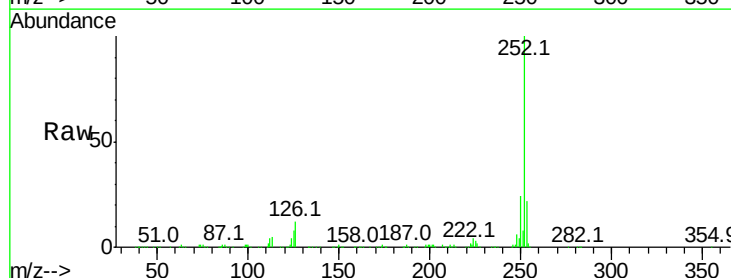
Tgt Ion:252 Resp: 478667

Ion Ratio Lower Upper

252 100

253 22.2 20.2 30.2

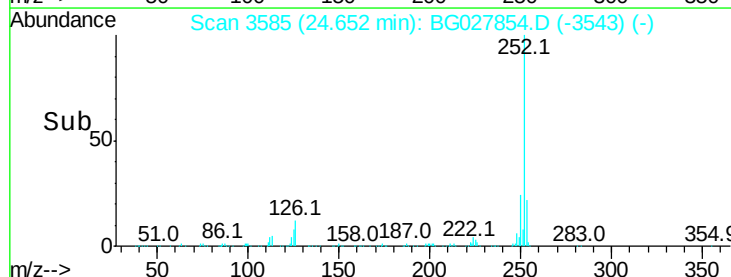
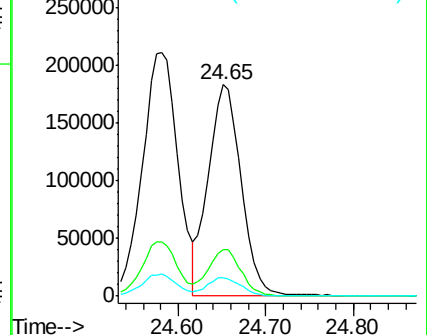
125 8.5 5.1 7.7#

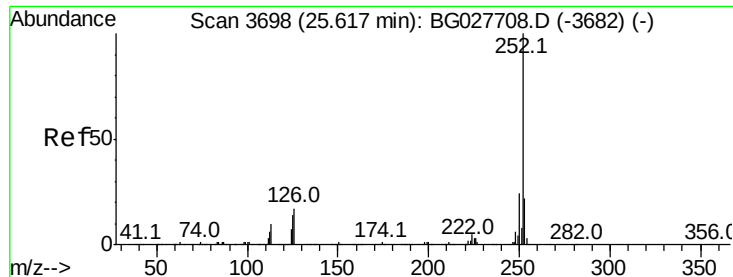


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 168.65 ng

RT: 25.55 min Scan# 3738

Delta R.T. -0.07 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

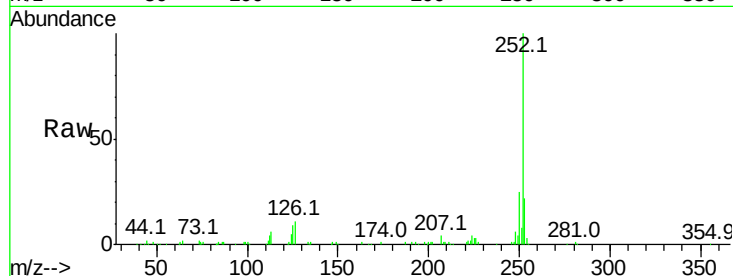
Tot Ion:252 Resp: 158552

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.2	28.8
125	8.6	5.4	8.0

252 100

253 22.2 19.2 28.8

125 8.6 5.4 8.0

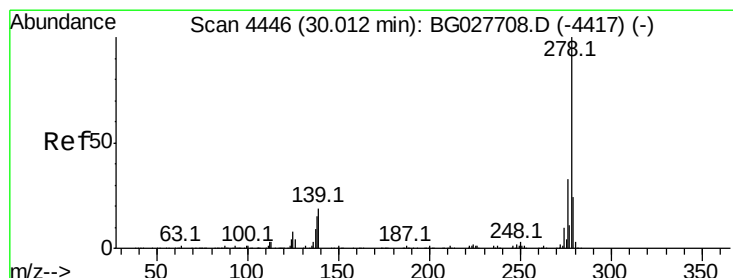
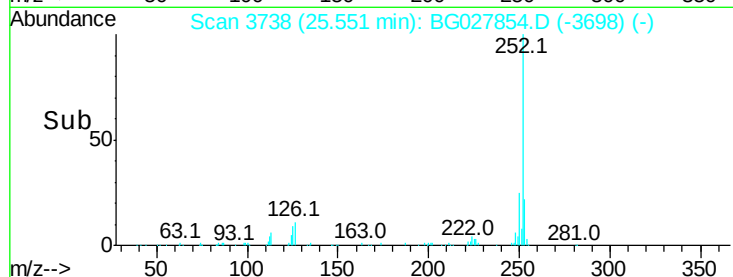


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#90

Dibenzo(a,h)anthracene

Concen: 508.65 ng

RT: 29.92 min Scan# 4482

Delta R.T. -0.09 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

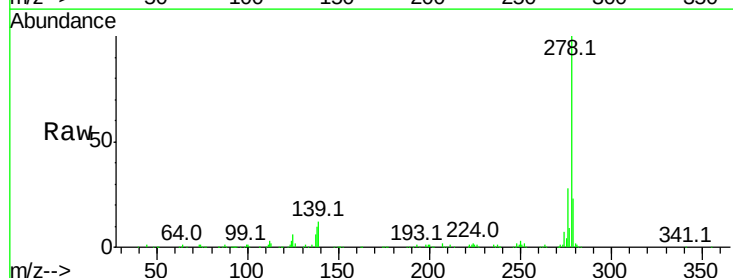
Tgt Ion:278 Resp: 484431

Ion	Ratio	Lower	Upper
278	100		
139	11.7	7.7	11.5
279	23.0	19.1	28.7

278 100

139 11.7 7.7 11.5

279 23.0 19.1 28.7

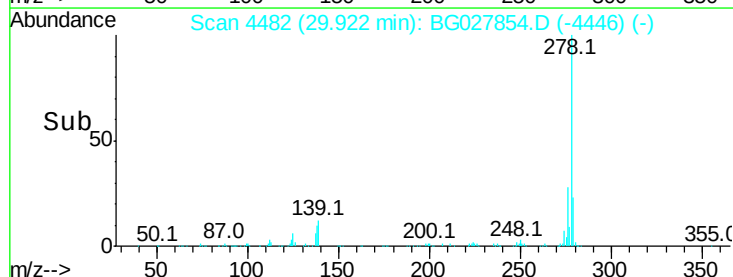


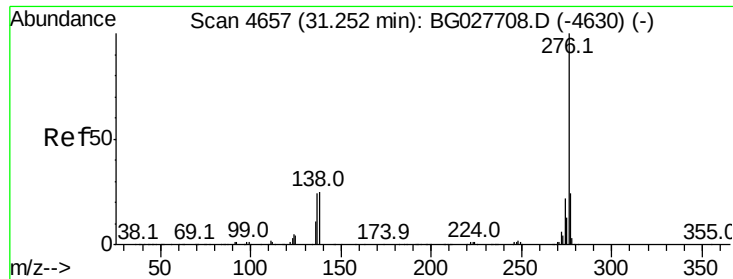
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#91

Benzo(a,h,i)perylene

Concen: 182.25 ng

RT: 31.13 min Scan# 4687

Delta R.T. -0.12 min

Lab File: BG027854.D

Acq: 5 Jul 2017 19:10

Instrument :

BNA_G

ClientSampleId :

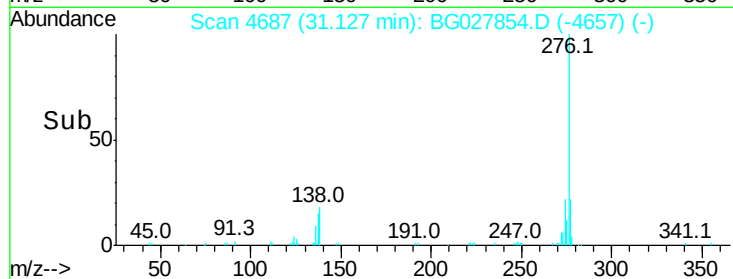
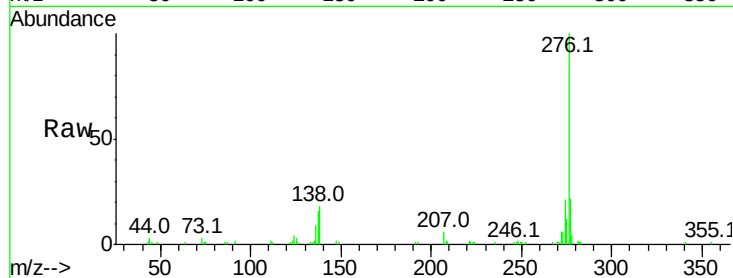
Tot Ion:276 Resp: 166809

Ion Ratio Lower Upper

276 100

277 22.1 18.6 27.8

138 17.8 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

