

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA G\Data\BG110417\
 Data File : BG030730.D
 Acq On : 4 Nov 2017 11:07
 Operator : SJ/JU
 Sample : PB103961BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103961BS

Quant Time: Nov 04 12:12:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 18:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.149	152	56050	20.00	ng	0.00
21) Naphthalene-d8	10.969	136	254625	20.00	ng	0.00
38) Acenaphthene-d10	14.771	164	183284	20.00	ng	0.00
63) Phenanthrene-d10	17.509	188	453496	20.00	ng	0.00
75) Chrysene-d12	21.780	240	496361	20.00	ng	0.00
86) Perylene-d12	25.082	264	505385	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.705	112	388892	115.91	ng	0.00
7) Phenol-d6	7.309	99	531086	112.77	ng	0.00
23) Nitrobenzene-d5	9.318	82	297884	74.34	ng	0.00
41) 2,4,6-Tribromophenol	16.251	330	286720	121.16	ng	0.00
44) 2-Fluorobiphenyl	13.396	172	886940	70.97	ng	0.00
78) Terphenyl-d14	20.100	244	1528689	70.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.566	88	45147	33.16	ng	88
3) Pyridine	3.971	79	120961	30.51	ng	89
4) n-Nitrosodimethylamine	3.883	42	57872	31.23	ng	# 96
6) Aniline	7.467	93	95874	16.44	ng	93
8) 2-Chlorophenol	7.714	128	141760	36.86	ng	89
9) Benzaldehyde	7.285	77	53752	22.69	ng	86
10) Phenol	7.338	94	191280	37.67	ng	91
11) bis(2-Chloroethyl)ether	7.561	93	130054	35.16	ng	93
12) 1,3-Dichlorobenzene	8.043	146	145437	33.68	ng	98
13) 1,4-Dichlorobenzene	8.190	146	150710	34.19	ng	94
14) 1,2-Dichlorobenzene	8.507	146	141939	33.38	ng	99
15) Benzyl Alcohol	8.384	79	124623	37.55	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.678	45	204157	32.50	ng	94
17) 2-Methylphenol	8.595	107	126384	37.47	ng	96
18) Hexachloroethane	9.242	117	51596	34.35	ng	98
19) n-Nitroso-di-n-propyla...	8.948	70	106773	33.34	ng	# 95
20) 3+4-Methylphenols	8.919	107	180661	38.01	ng	95
22) Acetophenone	8.972	105	205996	33.57	ng	# 93
24) Nitrobenzene	9.359	77	154260	34.24	ng	89
25) Isophorone	9.876	82	297443	35.56	ng	# 93
26) 2-Nitrophenol	10.070	139	77633	36.05	ng	# 88
27) 2,4-Dimethylphenol	10.129	122	147463	37.85	ng	94
28) bis(2-Chloroethoxy)met...	10.358	93	188765	36.80	ng	96
29) 2,4-Dichlorophenol	10.611	162	164567	39.61	ng	92
30) 1,2,4-Trichlorobenzene	10.828	180	163661	36.47	ng	98
31) Naphthalene	11.016	128	443900	34.98	ng	98
32) Benzoic acid	10.258	122	87872	26.94	ng	87
33) 4-Chloroaniline	11.122	127	70753	13.25	ng	96
34) Hexachlorobutadiene	11.298	225	99657	35.71	ng	96
35) Caprolactam	11.880	113	35813	25.94	ng	# 81
36) 4-Chloro-3-methylphenol	12.232	107	172767	37.81	ng	90
37) 2-Methylnaphthalene	12.608	142	356343	38.53	ng	93
39) 1,2,4,5-Tetrachloroben...	12.973	216	202342	30.24	ng	98
40) Hexachlorocyclopentadiene	12.949	237	182712	72.54	ng	93

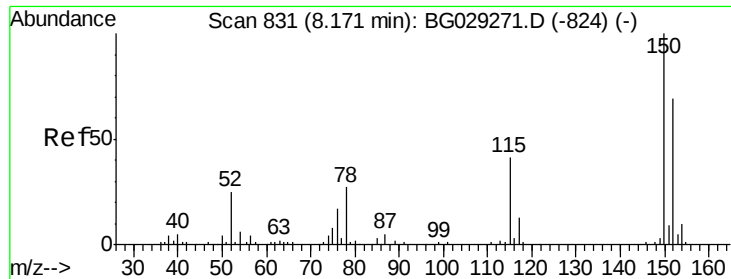
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA G\Data\BG110417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.208	196	147533	35.12	ng	99
43) 2,4,5-Trichlorophenol	13.284	196	162717	37.72	ng	96
45) 1,1'-Biphenyl	13.607	154	490663	31.15	ng	97
46) 2-Chloronaphthalene	13.654	162	383274	33.35	ng	96
47) 2-Nitroaniline	13.848	65	114330	36.22	ng	# 84
48) Acenaphthylene	14.494	152	623468	34.67	ng	99
49) Dimethylphthalate	14.212	163	523210	36.59	ng	99
50) 2,6-Dinitrotoluene	14.336	165	118398	39.50	ng	# 78
51) Acenaphthene	14.829	154	382091	32.65	ng	100
52) 3-Nitroaniline	14.671	138	68809	21.27	ng	# 81
53) 2,4-Dinitrophenol	14.876	184	124152	75.61	ng	# 51
54) Dibenzofuran	15.164	168	639016	38.25	ng	98
55) 4-Nitrophenol	14.982	139	195810	73.42	ng	# 76
56) 2,4-Dinitrotoluene	15.123	165	171381	42.23	ng	# 77
57) Fluorene	15.811	166	504732	36.58	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.388	232	158454	44.02	ng	# 92
59) Diethylphthalate	15.570	149	526938	36.97	ng	98
60) 4-Chlorophenyl-phenyle...	15.799	204	289254	39.32	ng	94
61) 4-Nitroaniline	15.828	138	128923	38.81	ng	88
62) Azobenzene	16.093	77	466398	38.81	ng	95
64) 4,6-Dinitro-2-methylph...	15.887	198	84018	34.19	ng	82
65) n-Nitrosodiphenylamine	16.010	169	464728	34.21	ng	97
66) 4-Bromophenyl-phenylether	16.692	248	188616	36.25	ng	98
67) Hexachlorobenzene	16.815	284	204576	34.71	ng	96
68) Atrazine	16.950	200	184446	38.05	ng	98
69) Pentachlorophenol	17.162	266	227767	67.27	ng	98
70) Phenanthrene	17.550	178	855441	36.51	ng	98
71) Anthracene	17.644	178	868462	36.92	ng	99
72) Carbazole	17.908	167	801019	35.45	ng	99
73) Di-n-butylphthalate	18.449	149	937948	36.09	ng	99
74) Fluoranthene	19.547	202	1078000	39.34	ng	97
76) Benzidine	19.724	184	308740	20.60	ng	97
77) Pyrene	19.912	202	1106982	36.76	ng	97
79) Butylbenzylphthalate	20.775	149	440876	34.37	ng	88
80) Benzo(a)anthracene	21.762	228	1107290	38.00	ng	99
81) 3,3'-Dichlorobenzidine	21.668	252	240721	20.01	ng	97
82) Chrysene	21.827	228	1047776	37.54	ng	97
83) Bis(2-ethylhexyl)phtha...	21.645	149	629290	34.18	ng	100
84) Di-n-octyl phthalate	22.879	149	1063798	33.15	ng	95
85) Indeno(1,2,3-cd)pyrene	28.872	276	1323242	38.54	ng	98
87) Benzo(b)fluoranthene	24.030	252	1120066	38.71	ng	100
88) Benzo(k)fluoranthene	24.101	252	1096274	38.03	ng	98
89) Benzo(a)pyrene	24.929	252	1089098	39.15	ng	99
90) Dibenzo(a,h)anthracene	28.925	278	1101207	39.10	ng	96
91) Benzo(g,h,i)perylene	30.047	276	1095257	41.86	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.149 min Scan# 82

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

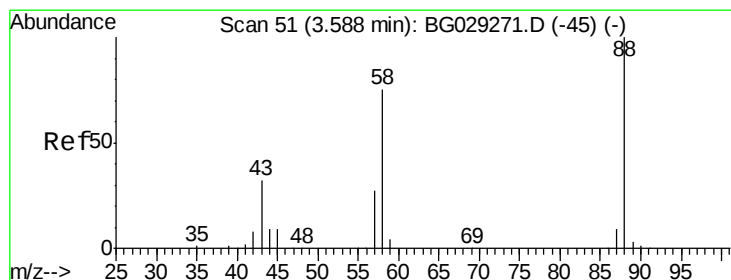
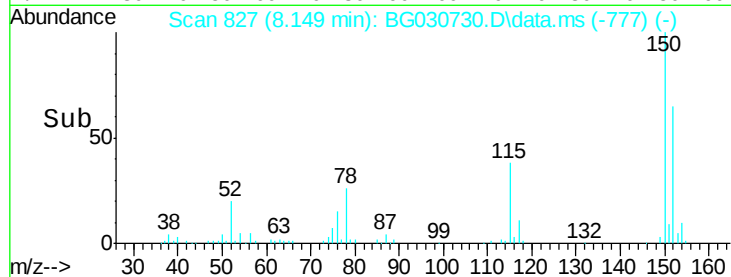
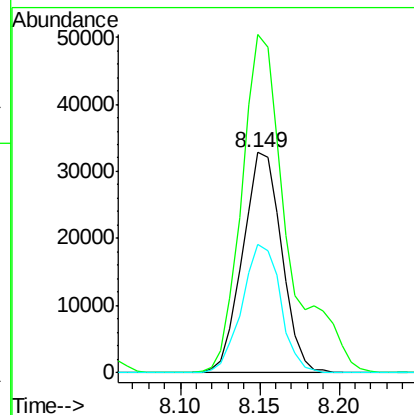
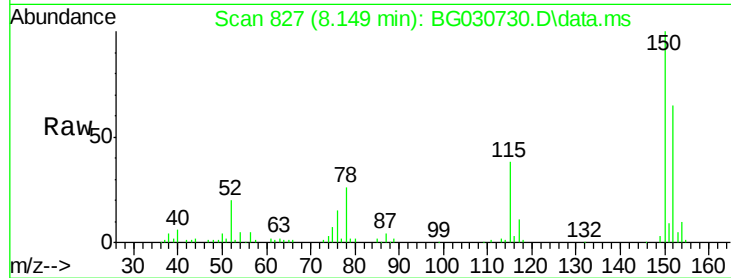
Tot Ion:152 Resp: 56050

Ion Ratio Lower Upper

152 100

150 153.7 126.6 189.8

115 58.4 53.0 79.4



#2

1,4-Dioxane

Concen: 33.16 ng

RT: 3.566 min Scan# 47

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

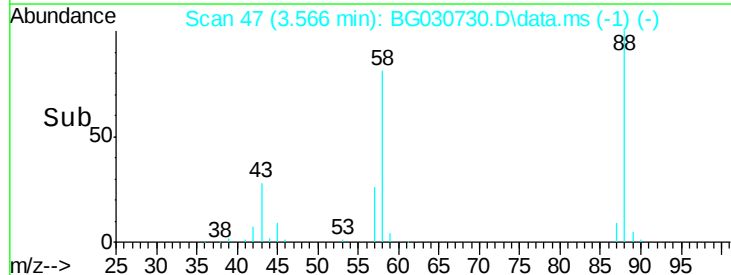
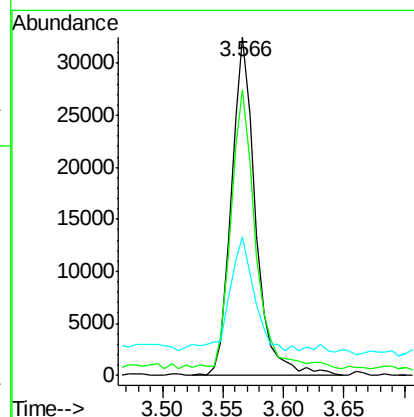
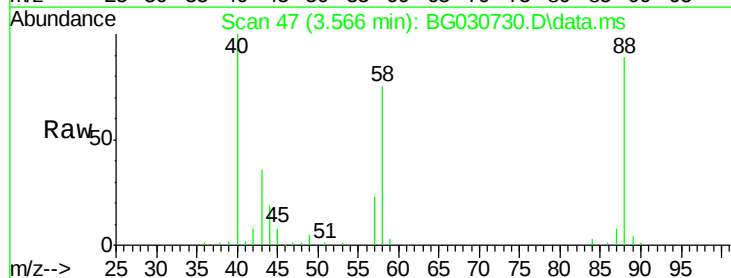
Tgt Ion: 88 Resp: 45147

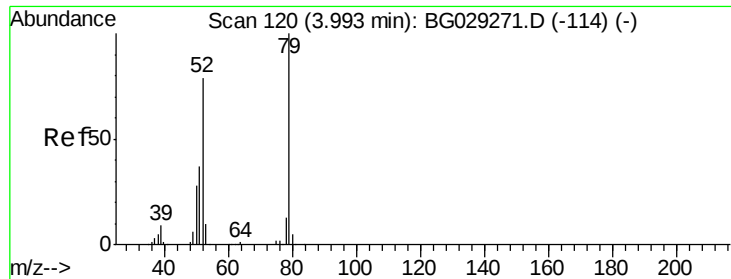
Ion Ratio Lower Upper

88 100

58 83.2 79.6 119.4

43 34.6 27.4 41.0

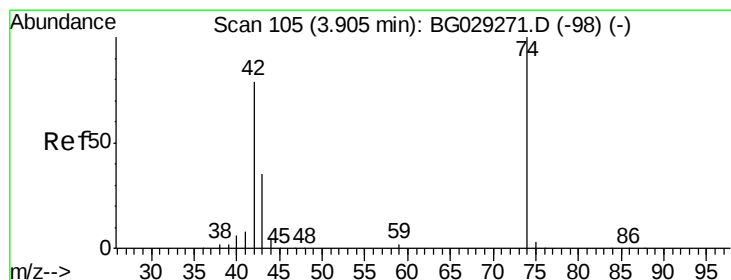
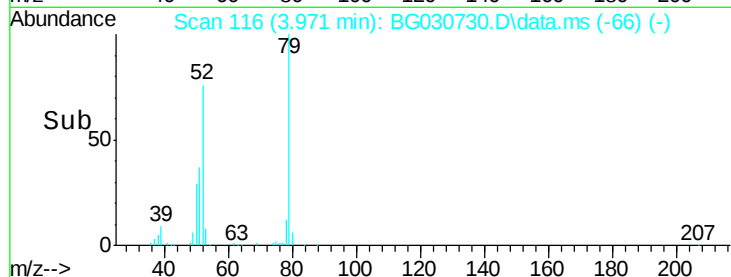
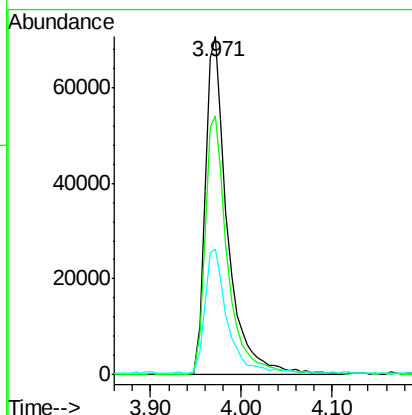
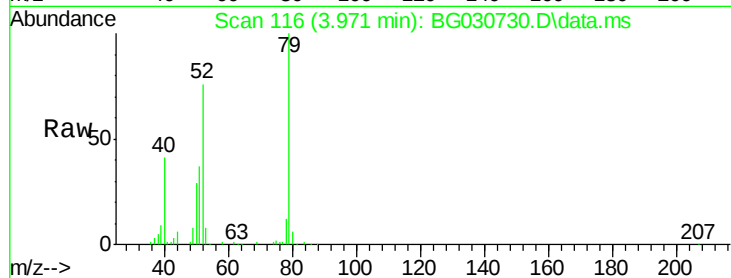




#3
 Pvridine
 Concen: 30.51 ng
 RT: 3.971 min Scan# 11
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

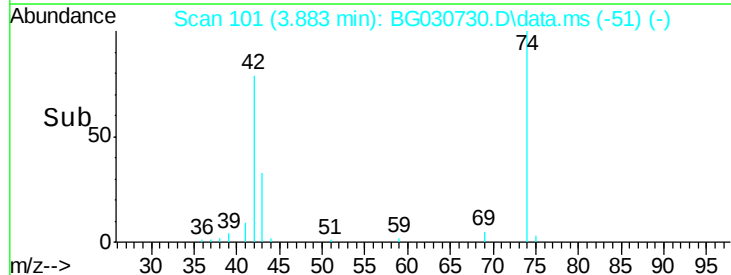
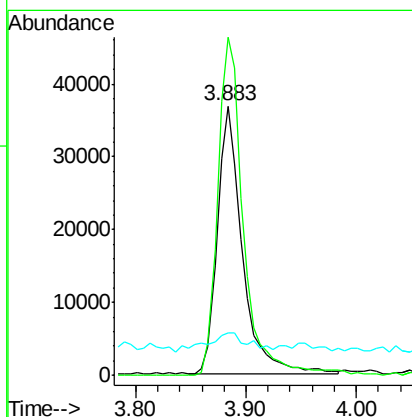
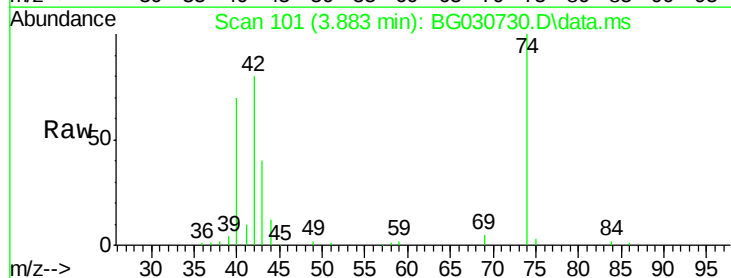
Instrument :
 BNA_G
 ClientSampleId :
 PB103961BS

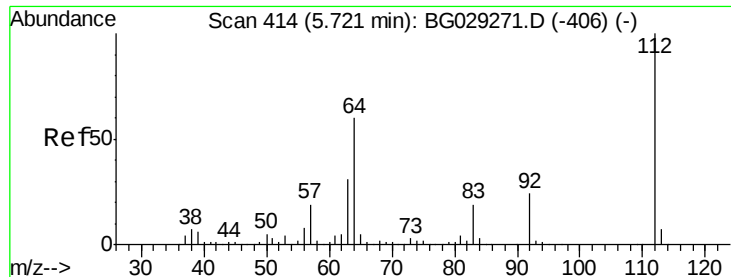
Tot Ion: 79 Resp: 120961
 Ion Ratio Lower Upper
 79 100
 52 76.4 69.9 104.9
 51 37.1 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 31.23 ng
 RT: 3.883 min Scan# 101
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

Tgt Ion: 42 Resp: 57872
 Ion Ratio Lower Upper
 42 100
 74 125.5 102.5 153.7
 44 15.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 115.91 ng

RT: 5.705 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

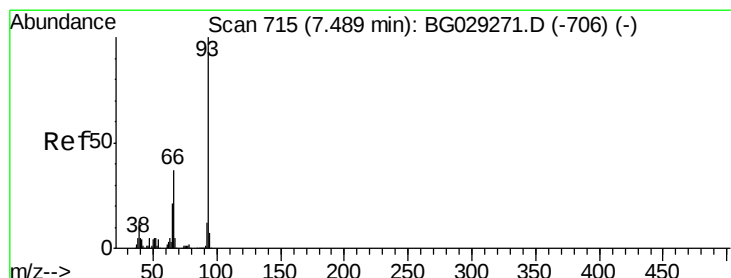
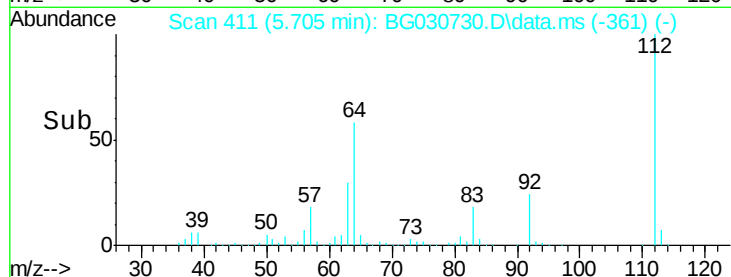
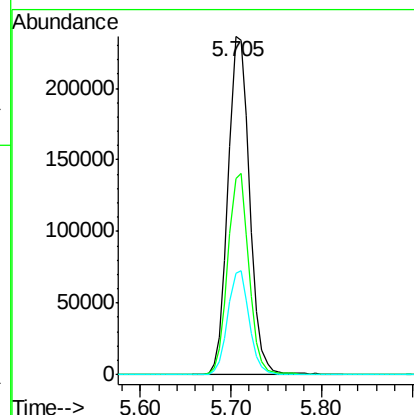
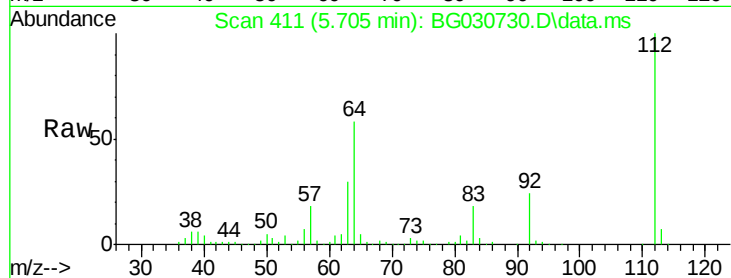
Tot Ion:112 Resp: 388892

Ion Ratio Lower Upper

112 100

64 58.0 56.3 84.5

63 30.1 30.1 45.1



#6

Aniline

Concen: 16.44 ng

RT: 7.467 min Scan# 711

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

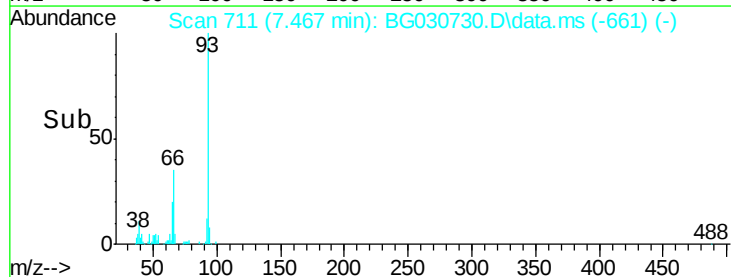
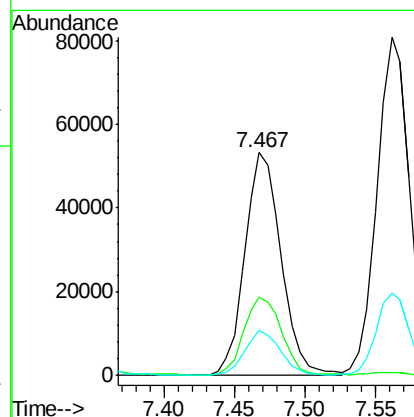
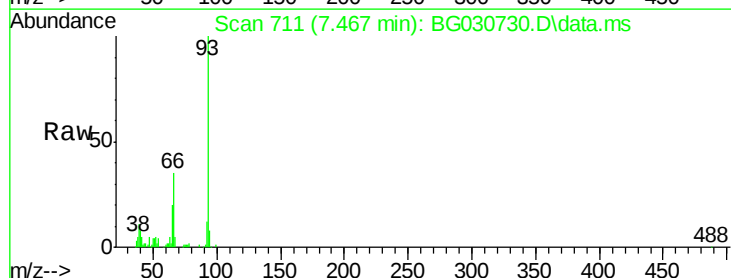
Tgt Ion: 93 Resp: 95874

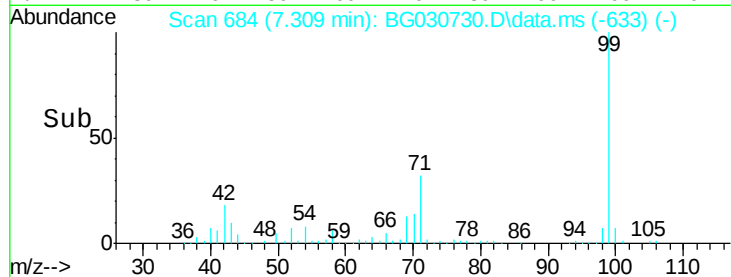
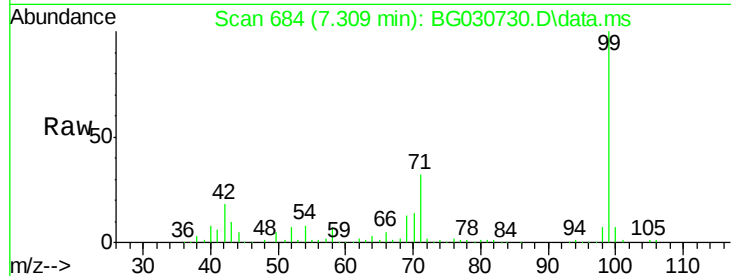
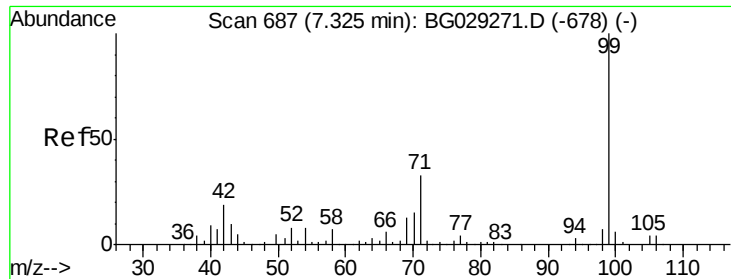
Ion Ratio Lower Upper

93 100

66 35.4 33.7 50.5

65 20.5 16.1 24.1





#7

Phenol-d6

Concen: 112.77 ng

RT: 7.309 min Scan# 68

Delta R.T. 0.002 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

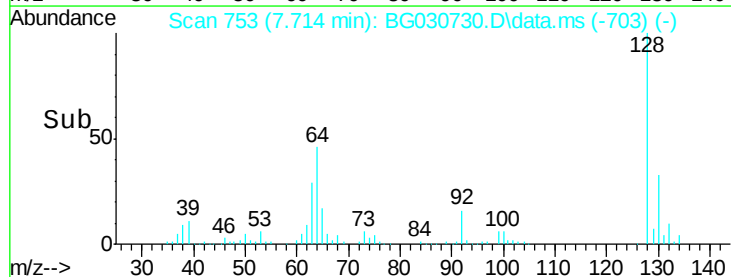
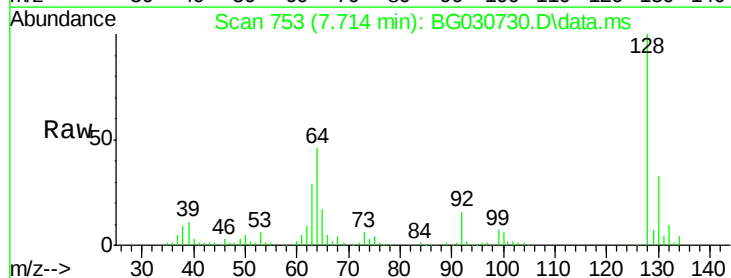
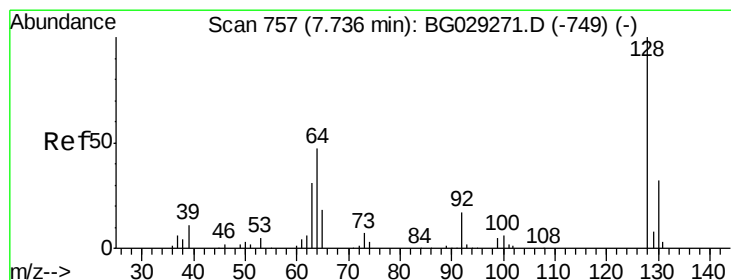
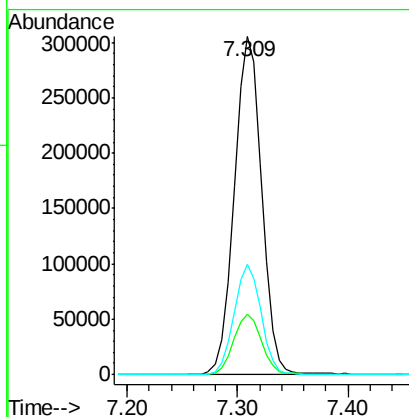
Tot Ion: 99 Resp: 531086

Ion Ratio Lower Upper

99 100

42 17.9 14.1 21.1

71 32.5 26.1 39.1



#8

2-Chlorophenol

Concen: 36.86 ng

RT: 7.714 min Scan# 753

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

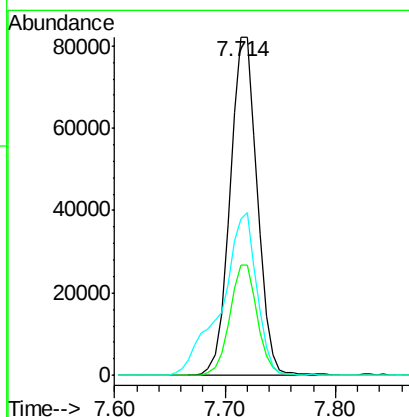
Tgt Ion: 128 Resp: 141760

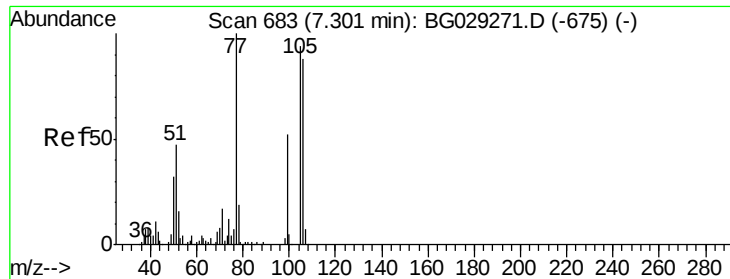
Ion Ratio Lower Upper

128 100

130 32.6 14.0 54.0

64 46.2 37.7 77.7





#9

Benzaldehyde

Concen: 22.69 ng

RT: 7.285 min Scan# 68

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

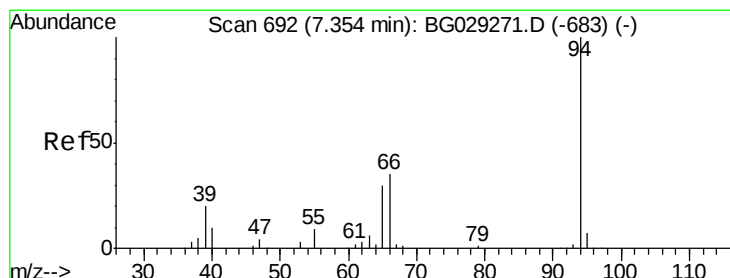
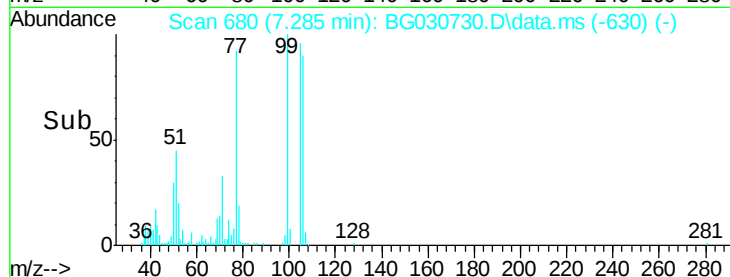
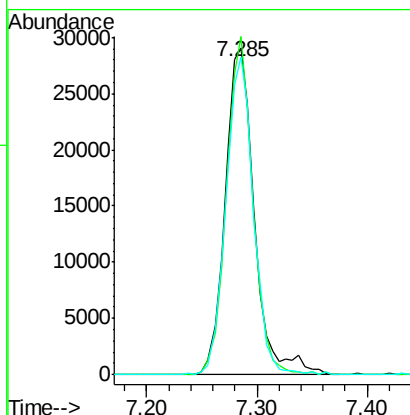
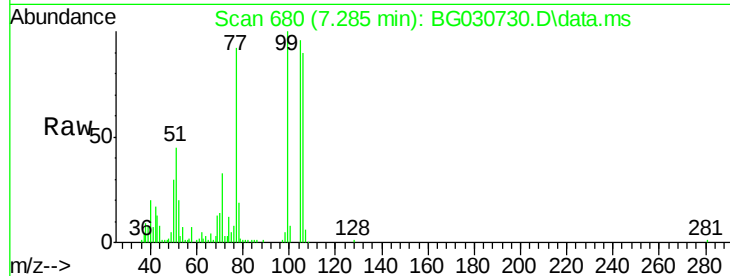
Tot Ion: 77 Resp: 53752

Ion Ratio Lower Upper

77 100

105 103.6 71.3 111.3

106 97.2 64.2 104.2



#10

Phenol

Concen: 37.67 ng

RT: 7.338 min Scan# 689

Delta R.T. 0.002 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

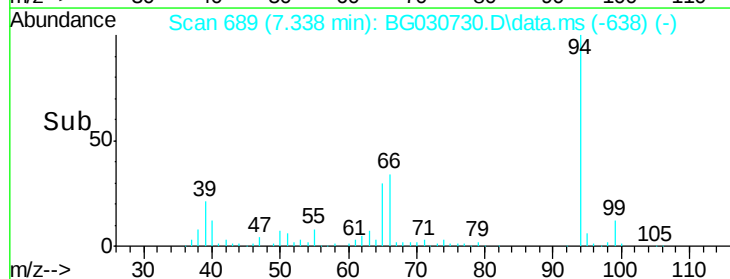
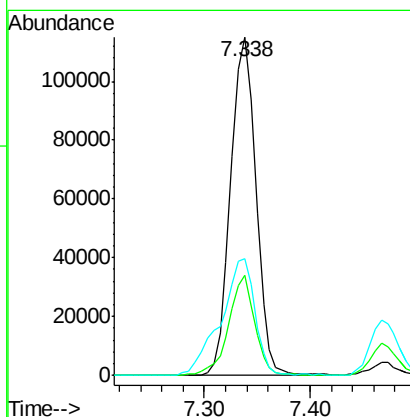
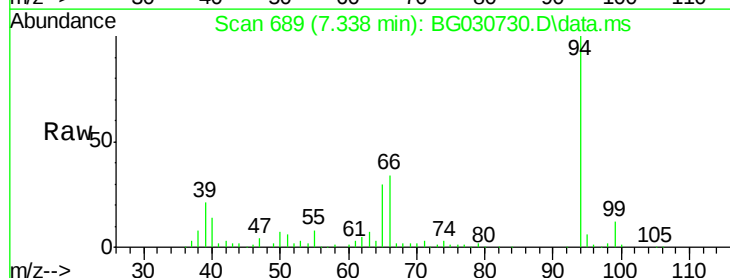
Tgt Ion: 94 Resp: 191280

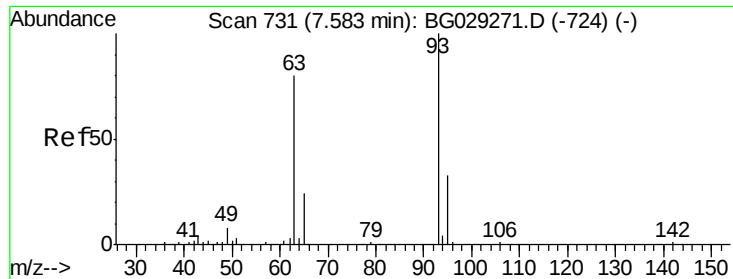
Ion Ratio Lower Upper

94 100

65 29.5 11.9 51.9

66 34.3 22.2 62.2

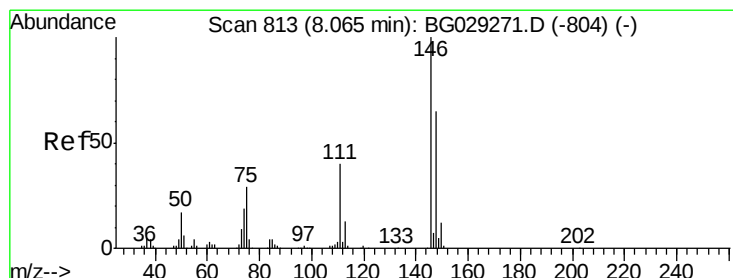
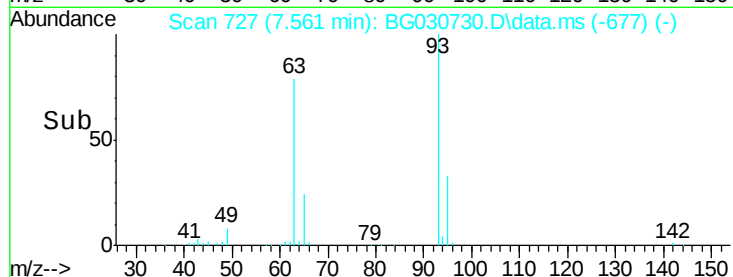
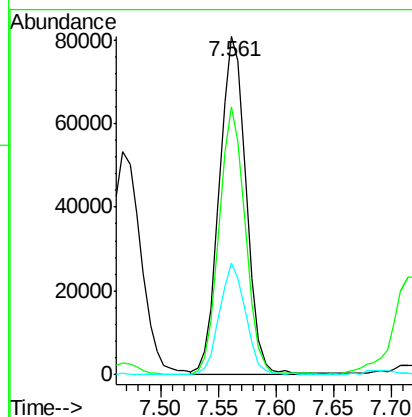
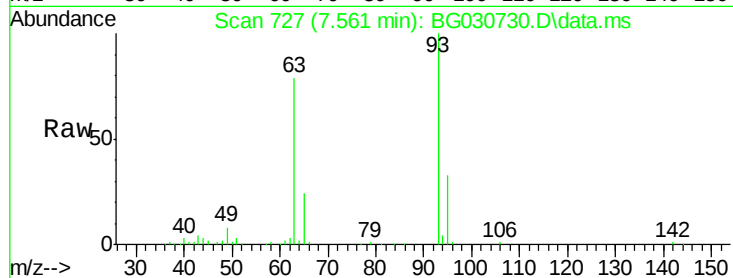




#11
bis(2-Chloroethyl)ether
Concen: 35.16 ng
RT: 7.561 min Scan# 72
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

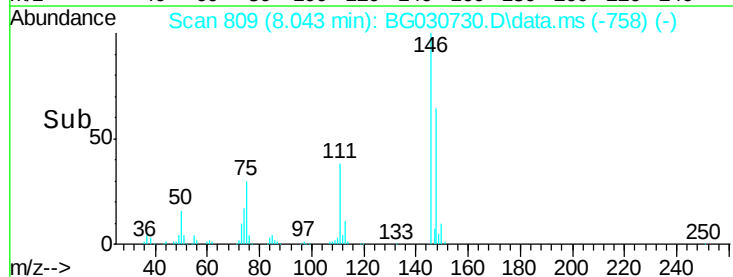
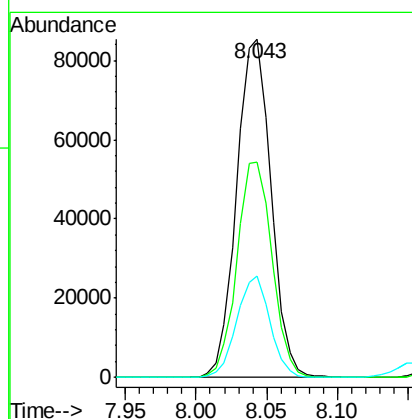
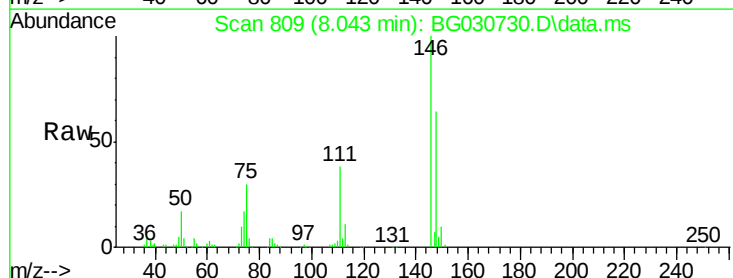
Instrument :
BNA_G
ClientSampleId :
PB103961BS

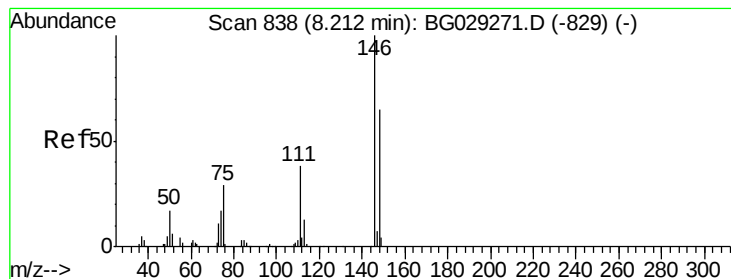
Tot Ion: 93 Resp: 130054
Ion Ratio Lower Upper
93 100
63 79.3 67.1 107.1
95 32.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 33.68 ng
RT: 8.043 min Scan# 809
Delta R.T. 0.002 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

Tgt Ion: 146 Resp: 145437
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 29.9 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 34.19 ng

RT: 8.190 min Scan# 83

Delta R.T. 0.002 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

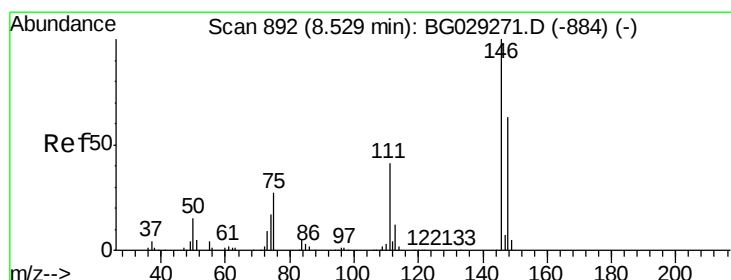
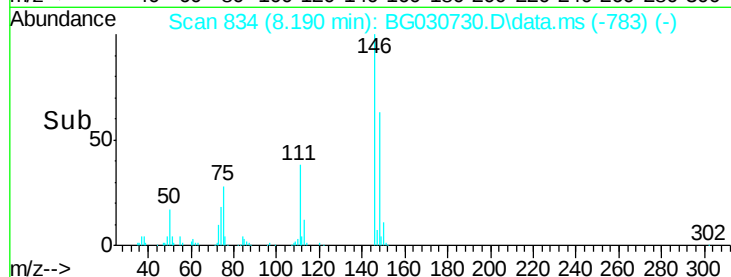
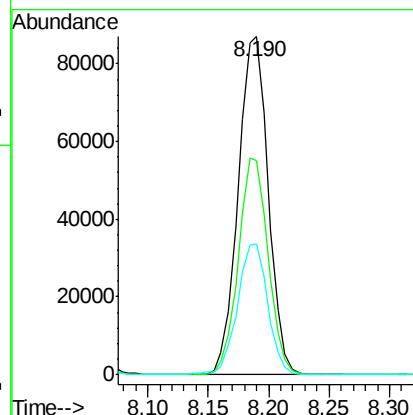
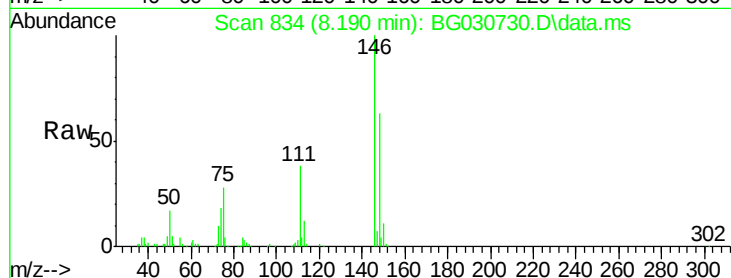
Tot Ion:146 Resp: 150710

Ion Ratio Lower Upper

146 100

148 63.1 53.7 80.5

111 38.5 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 33.38 ng

RT: 8.507 min Scan# 888

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

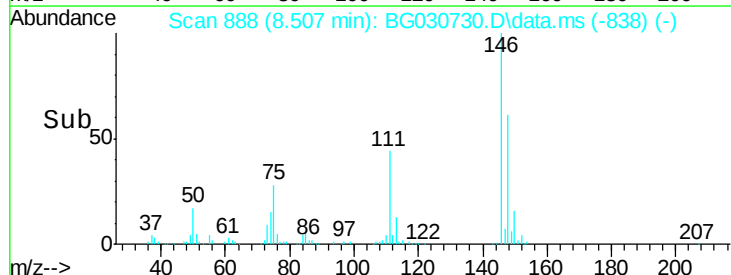
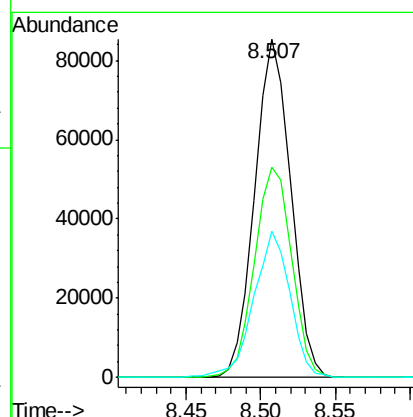
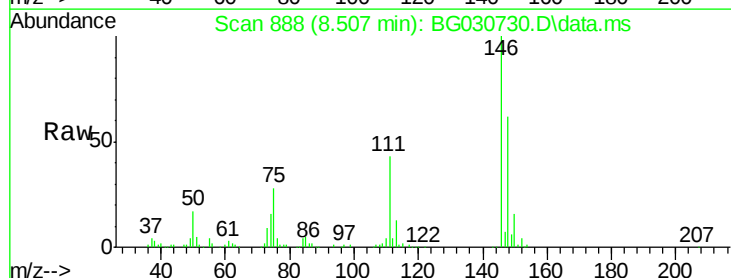
Tgt Ion:146 Resp: 141939

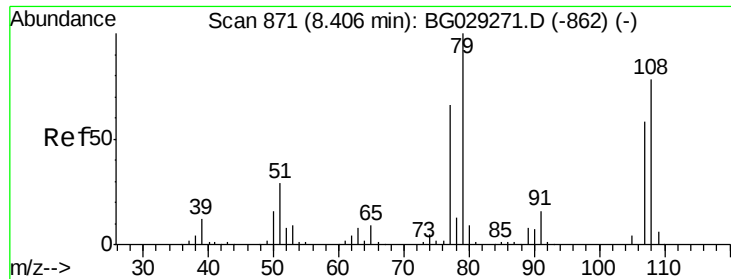
Ion Ratio Lower Upper

146 100

148 62.1 49.3 73.9

111 43.1 34.3 51.5





#15

Benzyl Alcohol

Concen: 37.55 ng

RT: 8.384 min Scan# 86

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

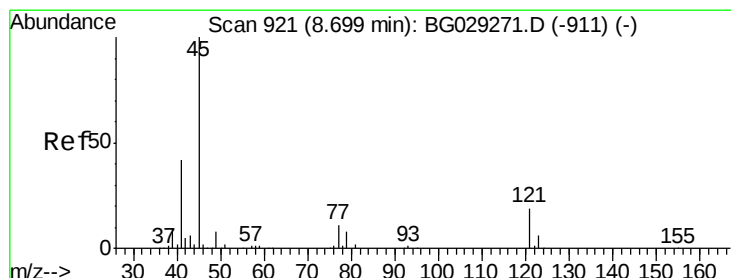
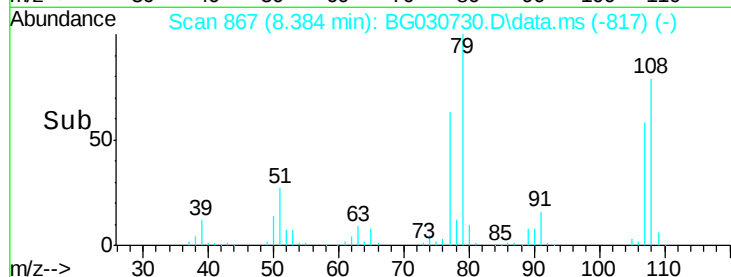
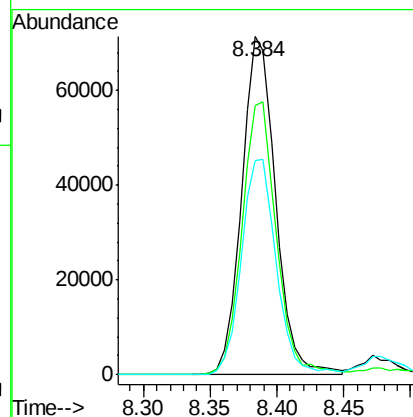
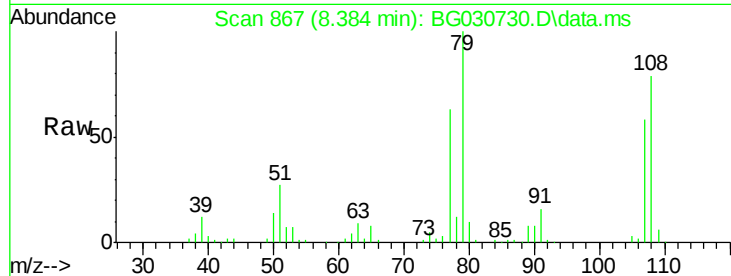
Tot Ion: 79 Resp: 124623

Ion Ratio Lower Upper

79 100

108 79.5 57.2 85.8

77 63.4 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.50 ng

RT: 8.678 min Scan# 917

Delta R.T. 0.002 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

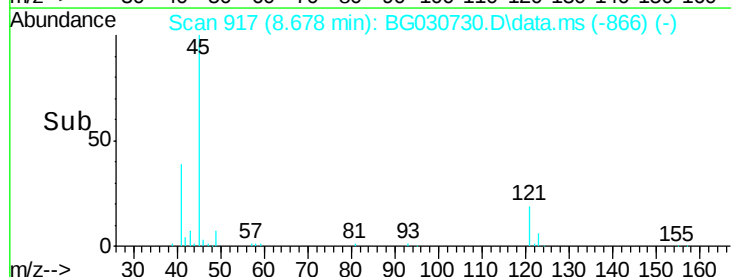
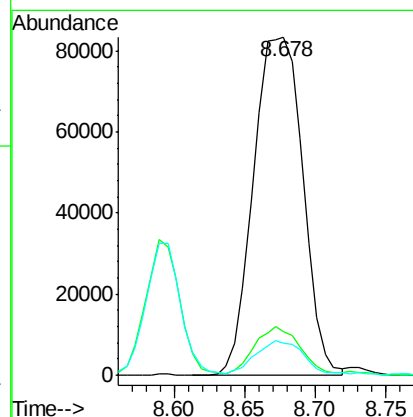
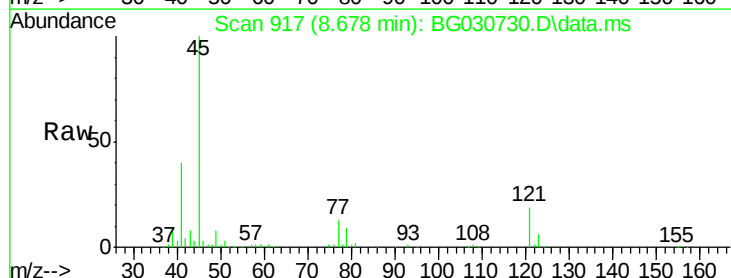
Tgt Ion: 45 Resp: 204157

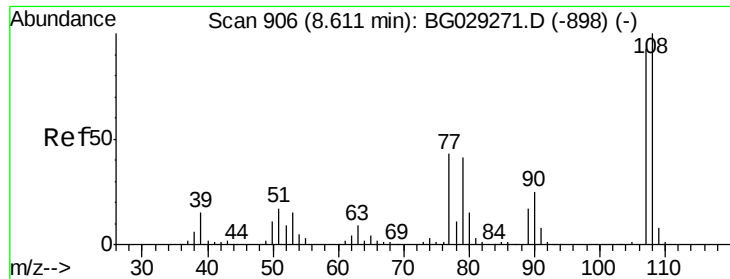
Ion Ratio Lower Upper

45 100

77 12.8 0.0 30.2

79 9.5 0.0 27.9

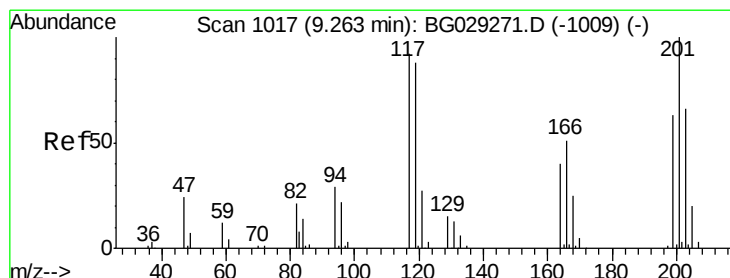
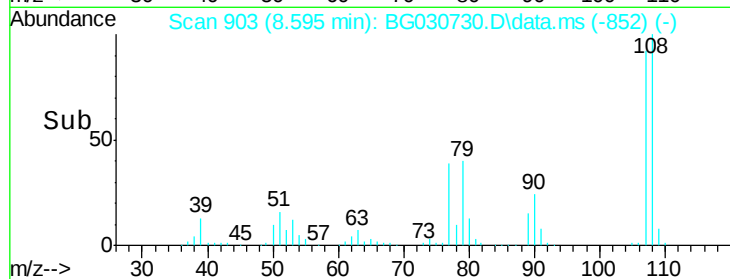
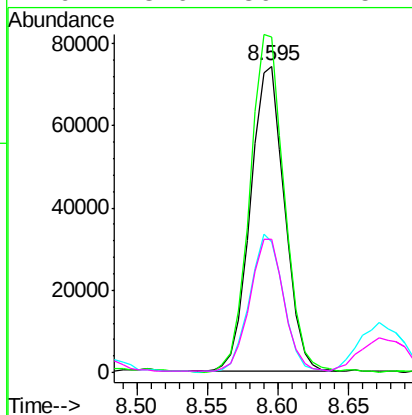
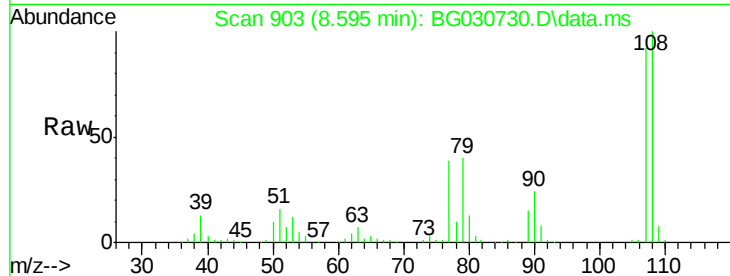




#17
2-Methylphenol
Concen: 37.47 ng
RT: 8.595 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

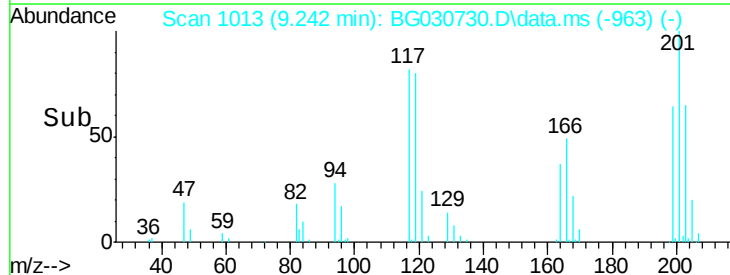
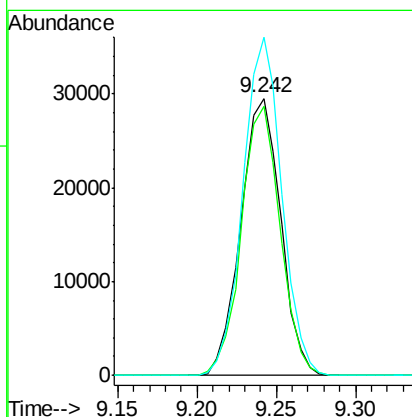
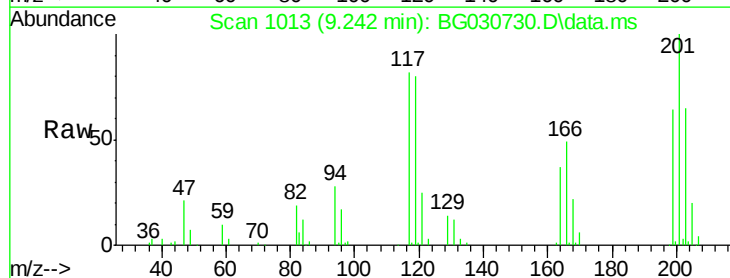
Instrument :
BNA_G
ClientSampleId :
PB103961BS

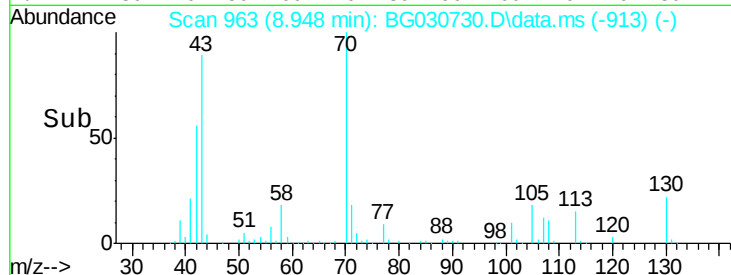
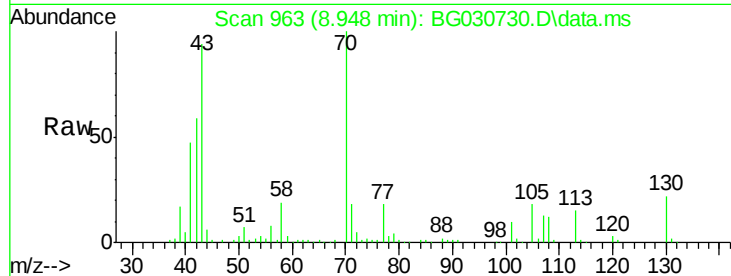
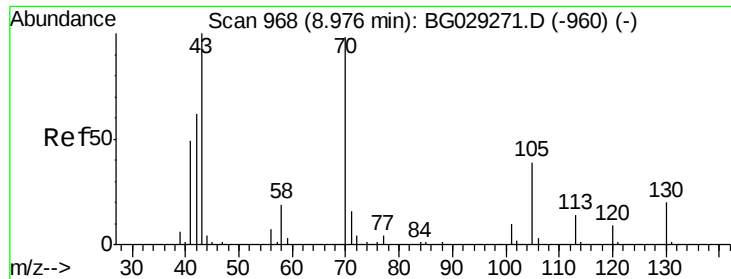
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.3	83.9	125.9
77	42.5	37.2	55.8
79	43.6	36.2	54.2



#18
Hexachloroethane
Concen: 34.35 ng
RT: 9.242 min Scan# 1013
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.7	115.1
201	121.9	95.7	143.5

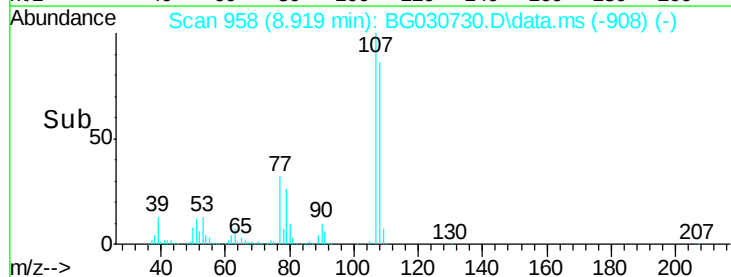
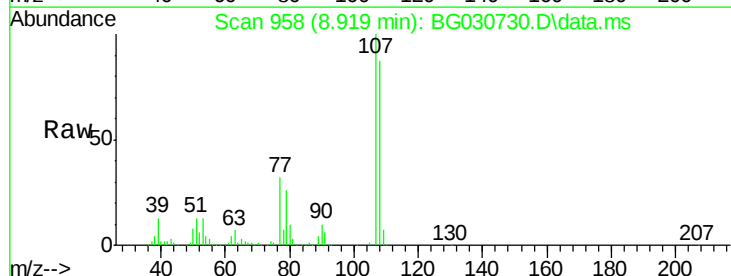
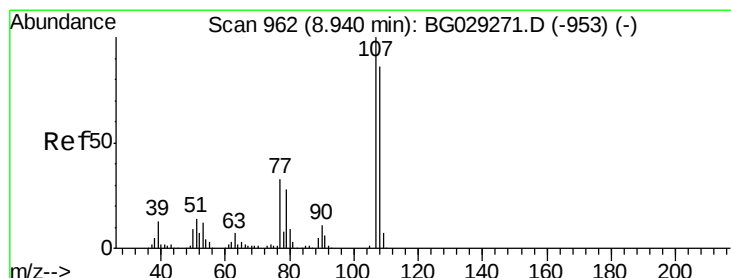
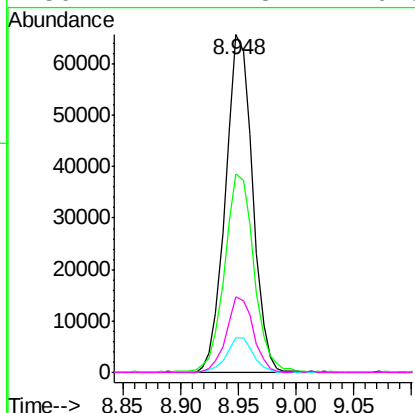




#19
n-Nitroso-di-n-propylamine
Concen: 33.34 ng
RT: 8.948 min Scan# 96
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

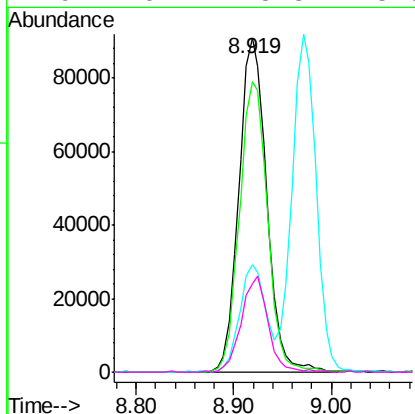
Instrument :
BNA_G
ClientSampleId :
PB103961BS

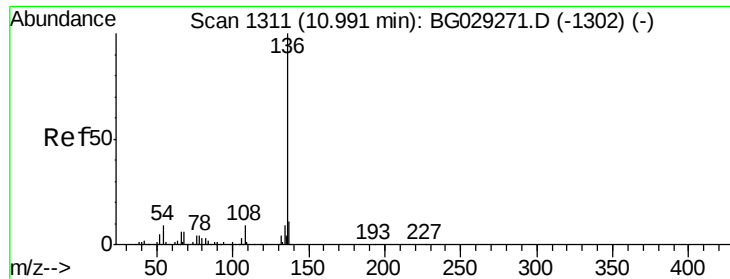
Tot Ion: 70 Resp: 106773
Ion Ratio Lower Upper
70 100
42 58.7 49.1 73.7
101 10.4 8.5 12.7
130 22.4 13.4 20.0#



#20
3+4-Methylphenols
Concen: 38.01 ng
RT: 8.919 min Scan# 958
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

Tgt Ion: 107 Resp: 180661
Ion Ratio Lower Upper
107 100
108 86.8 61.6 101.6
77 32.3 13.9 53.9
79 26.4 8.8 48.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.969 min Scan# 1311

Delta R.T. 0.002 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

Tot Ion:136 Resp: 254625

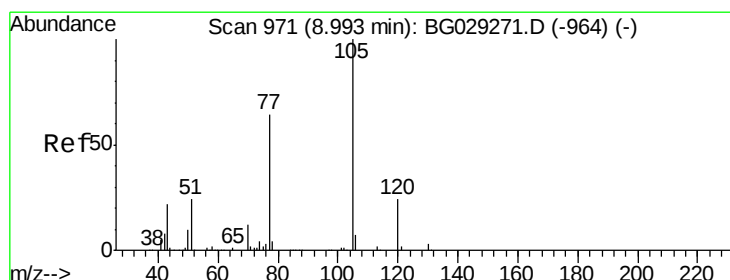
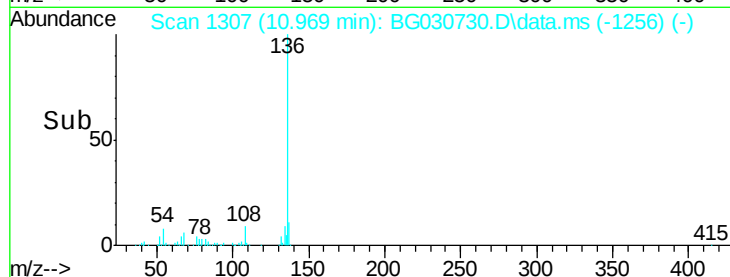
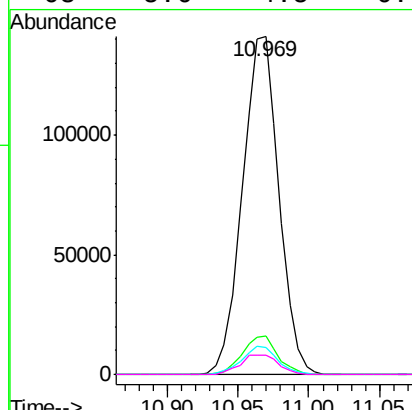
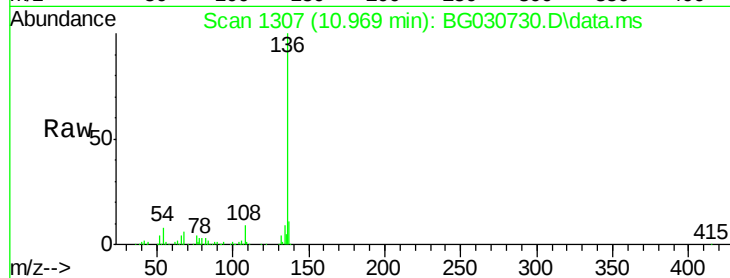
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 8.0 10.3 15.5#

68 5.6 4.5 6.7



#22

Acetophenone

Concen: 33.57 ng

RT: 8.972 min Scan# 967

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Tgt Ion:105 Resp: 205996

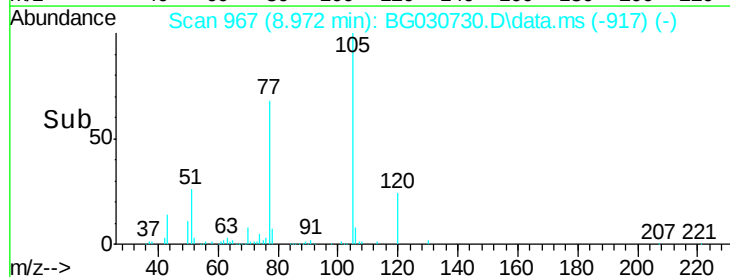
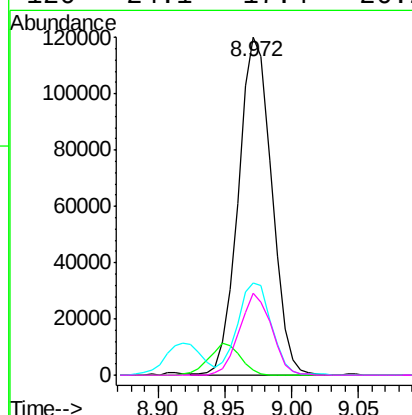
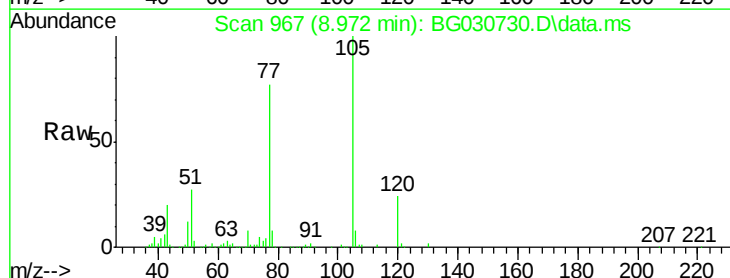
Ion Ratio Lower Upper

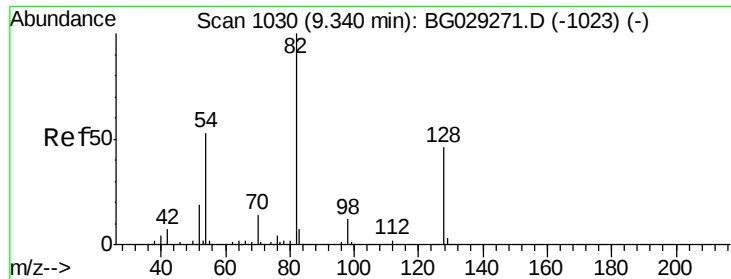
105 100

71 1.4 3.0 4.4#

51 27.4 26.1 39.1

120 24.1 17.4 26.2

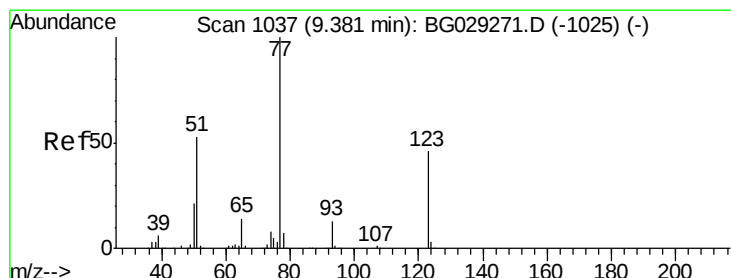
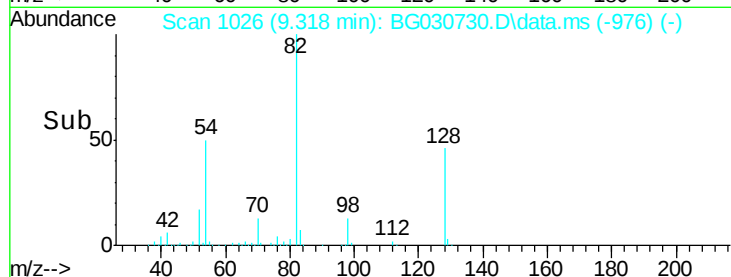
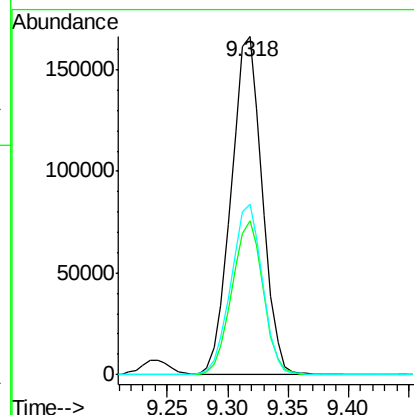
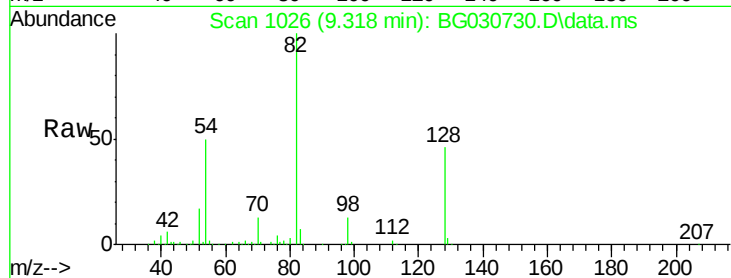




#23
Nitrobenzene-d5
Concen: 74.34 ng
RT: 9.318 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

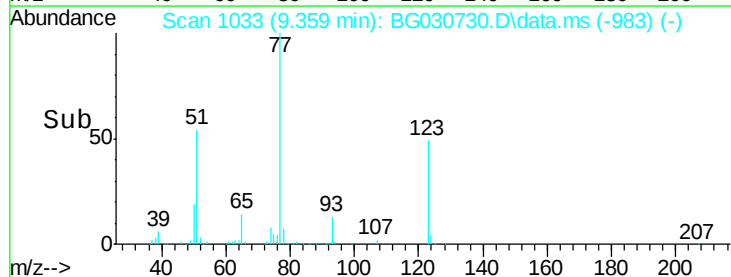
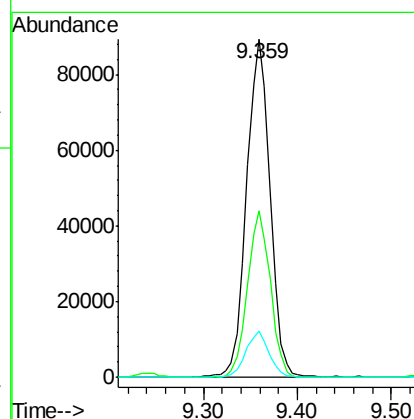
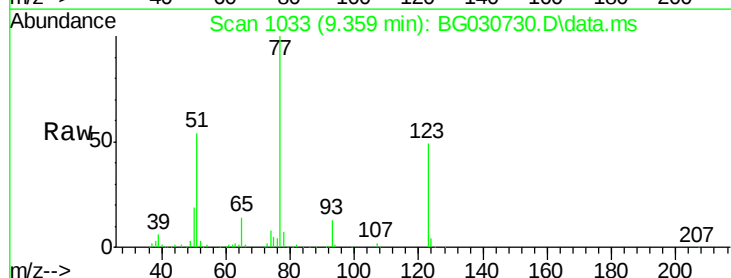
Instrument :
BNA_G
ClientSampleId :
PB103961BS

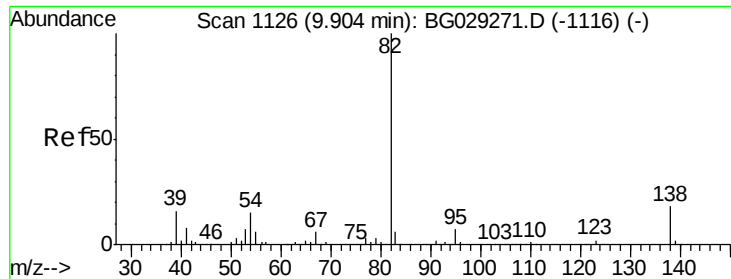
Tot Ion	82	Resp	297884
Ion Ratio	100	Lower	Upper
128	45.7	29.7	44.5#
54	50.5	43.1	64.7



#24
Nitrobenzene
Concen: 34.24 ng
RT: 9.359 min Scan# 1033
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

Tgt Ion	77	Resp	154260
Ion Ratio	100	Lower	Upper
123	49.2	33.0	49.6
65	13.5	13.0	19.6





#25

Isophorone

Concen: 35.56 ng

RT: 9.876 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

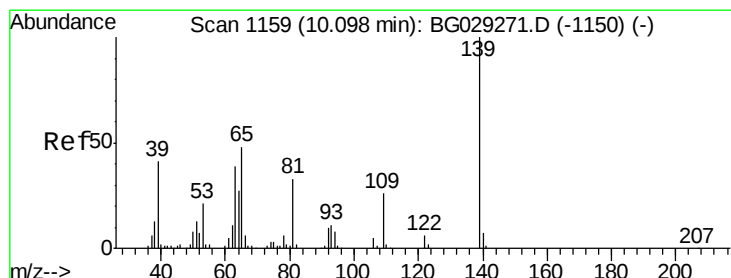
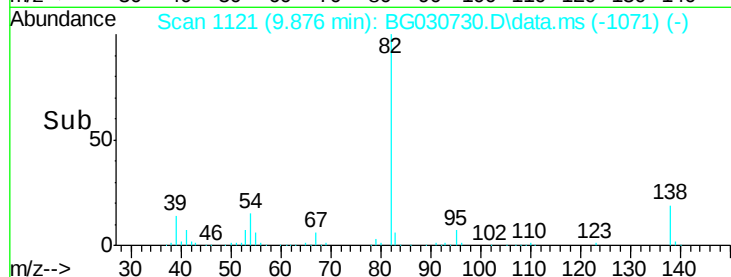
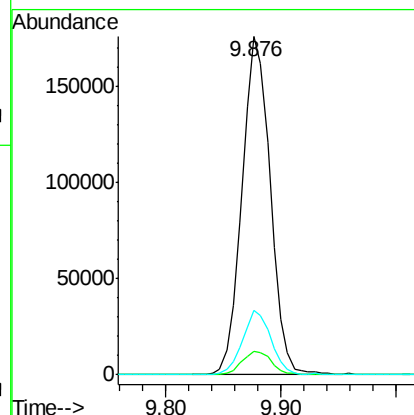
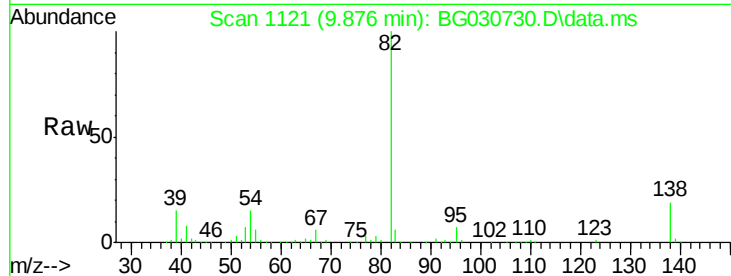
Tot Ion: 82 Resp: 297443

Ion Ratio Lower Upper

82 100

95 6.7 6.2 9.2

138 19.1 12.1 18.1#



#26

2-Nitrophenol

Concen: 36.05 ng

RT: 10.070 min Scan# 1154

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

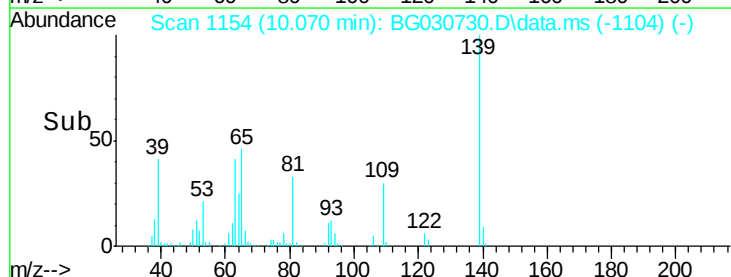
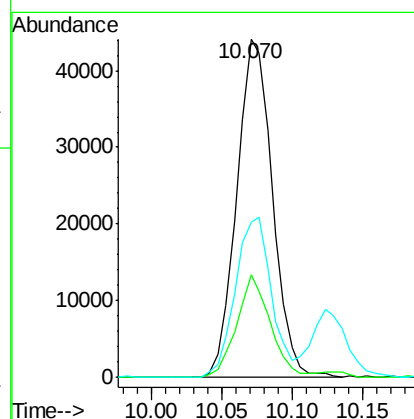
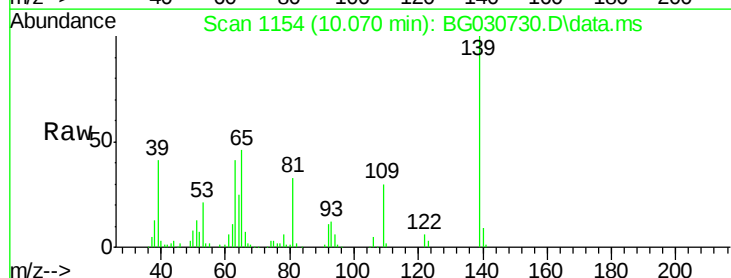
Tgt Ion: 139 Resp: 77633

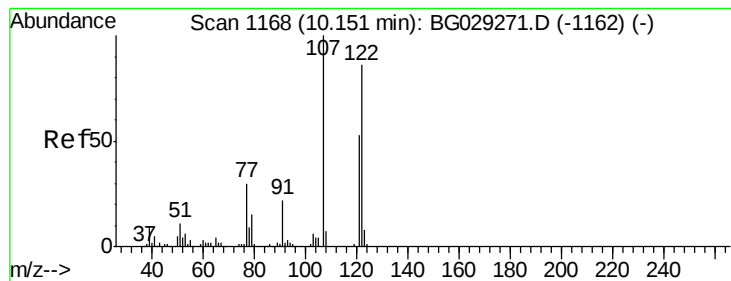
Ion Ratio Lower Upper

139 100

109 30.4 24.2 36.2

65 45.9 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 37.85 ng

RT: 10.129 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

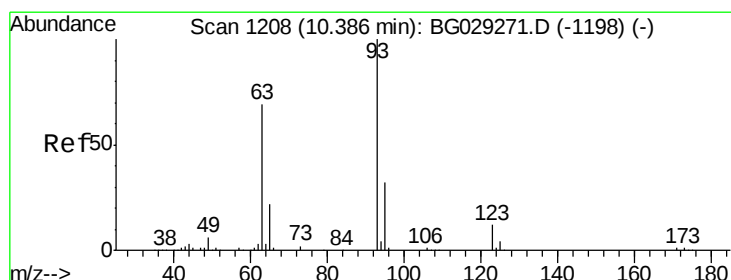
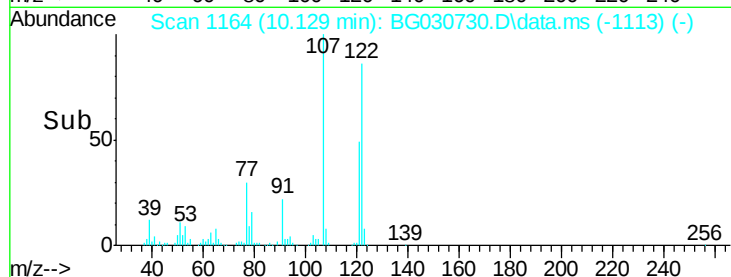
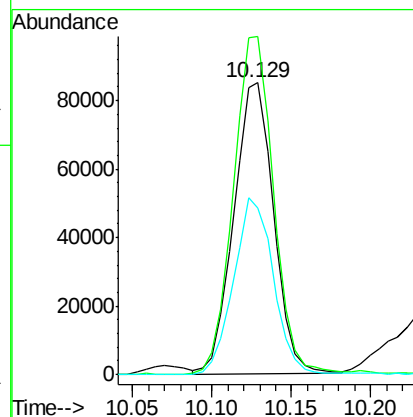
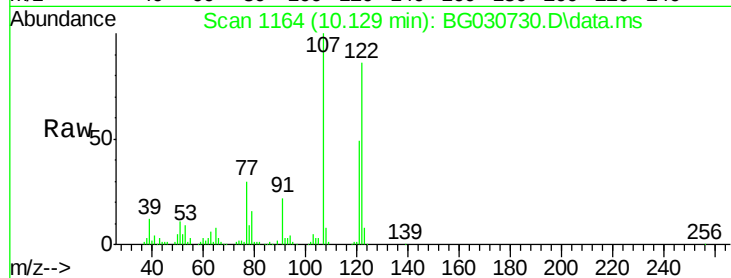
Tot Ion:122 Resp: 147463

Ion Ratio Lower Upper

122 100

107 115.9 100.2 150.2

121 57.0 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 36.80 ng

RT: 10.358 min Scan# 1203

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

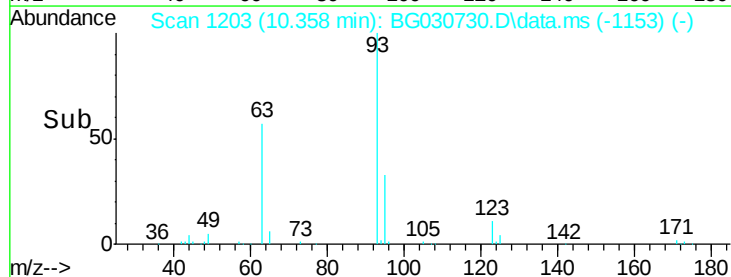
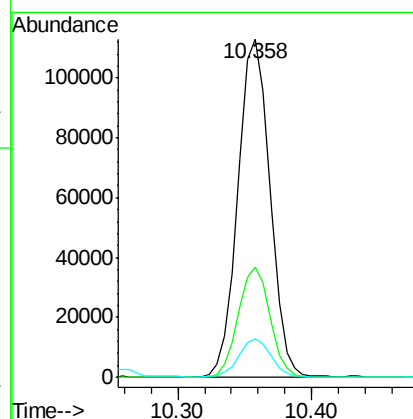
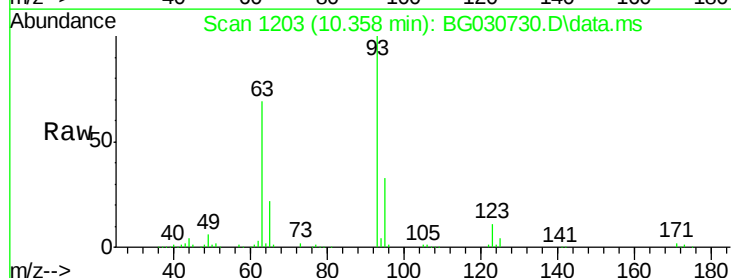
Tgt Ion: 93 Resp: 188765

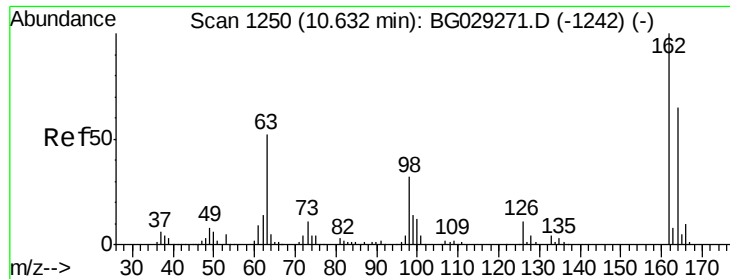
Ion Ratio Lower Upper

93 100

95 32.6 24.3 36.5

123 11.2 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 39.61 ng

RT: 10.611 min Scan# 12

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

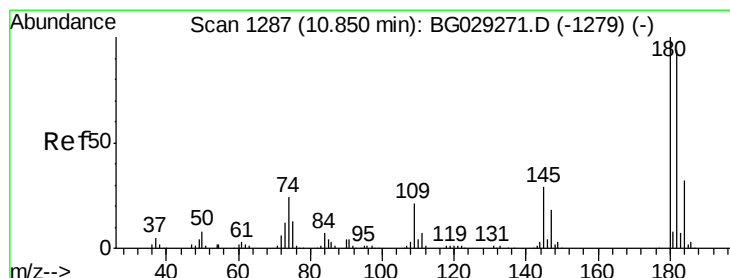
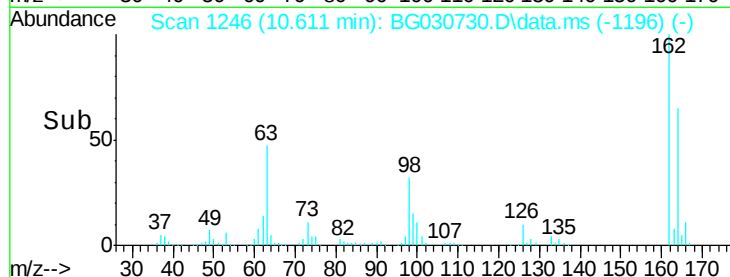
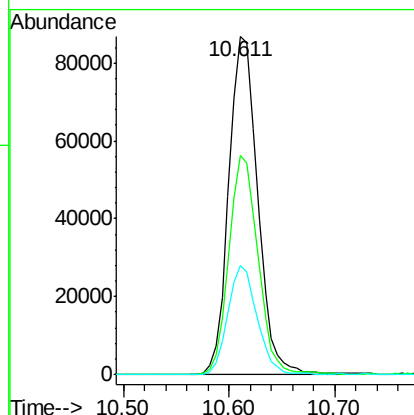
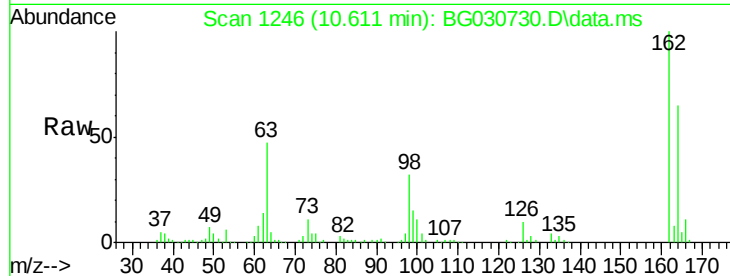
Tot Ion:162 Resp: 164567

Ion Ratio Lower Upper

162 100

164 64.9 48.0 88.0

98 32.4 21.1 61.1



#30

1,2,4-Trichlorobenzene

Concen: 36.47 ng

RT: 10.828 min Scan# 1283

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

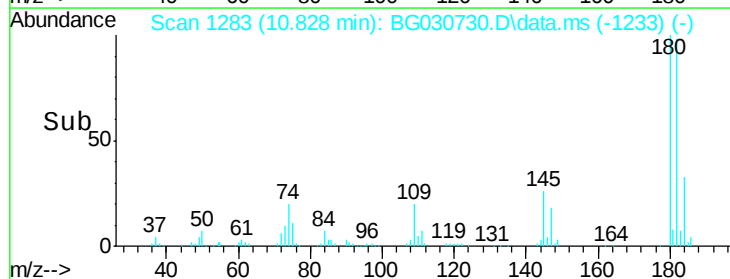
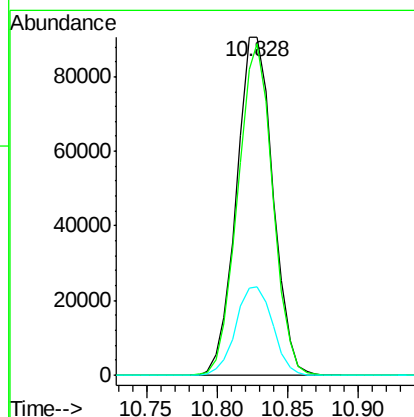
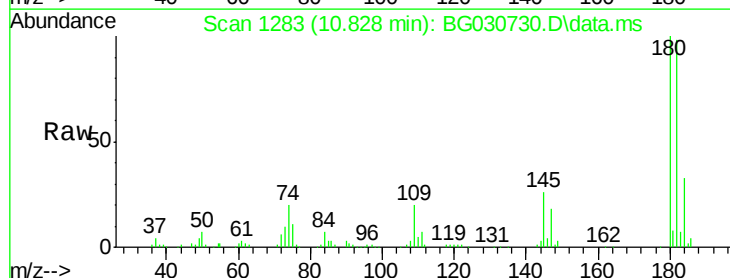
Tgt Ion:180 Resp: 163661

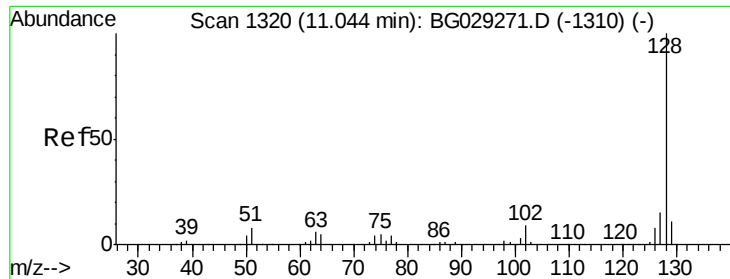
Ion Ratio Lower Upper

180 100

182 98.2 77.5 116.3

145 26.3 23.4 35.2

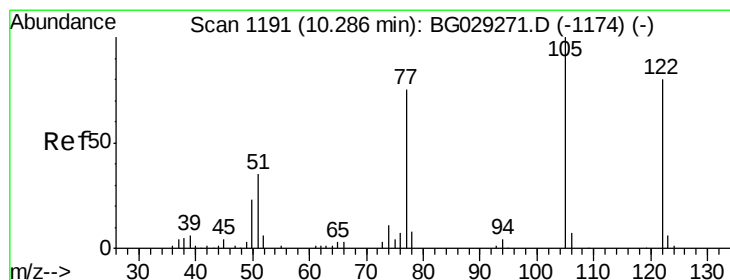
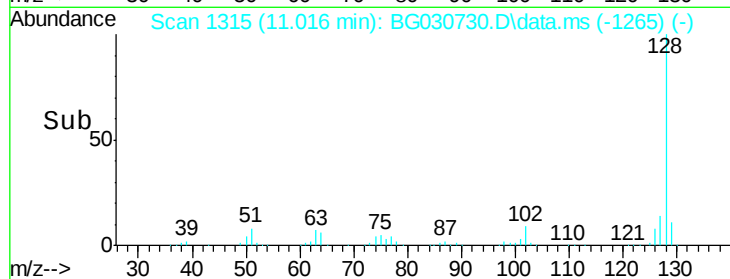
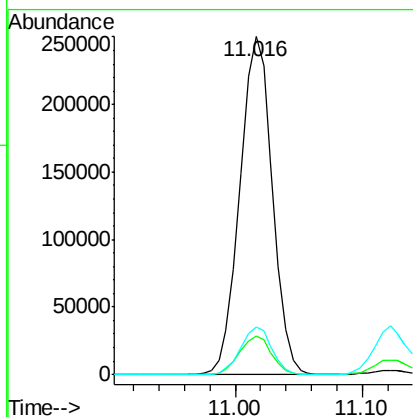
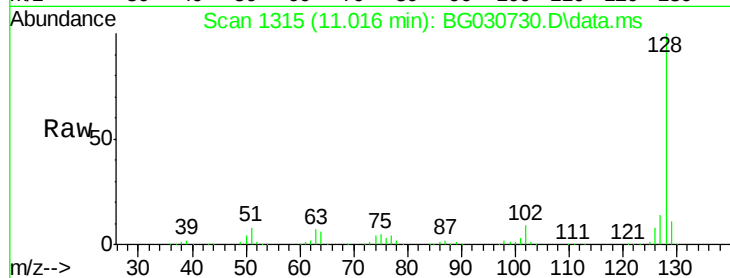




#31
Naphthalene
Concen: 34.98 ng
RT: 11.016 min Scan# 131
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

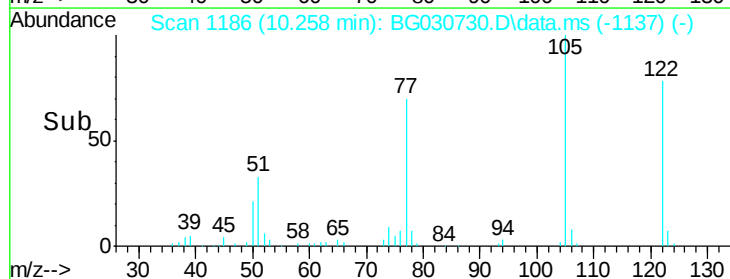
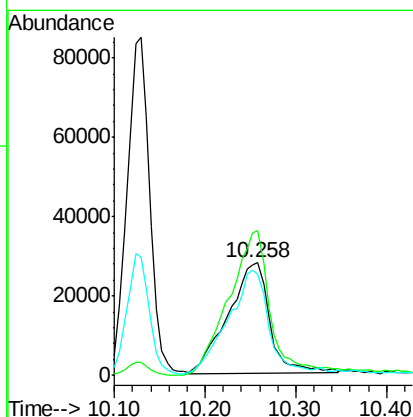
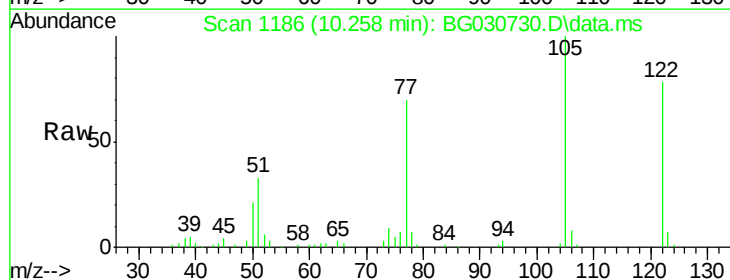
Instrument :
BNA_G
ClientSampleId :
PB103961BS

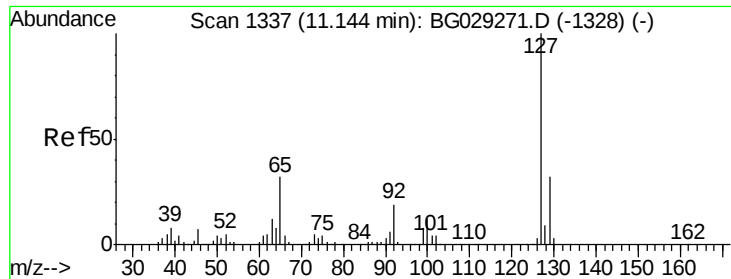
Tot Ion:128 Resp: 443900
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 14.0 11.6 17.4



#32
Benzoic acid
Concen: 26.94 ng
RT: 10.258 min Scan# 1186
Delta R.T. -0.010 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

Tgt Ion:122 Resp: 87872
Ion Ratio Lower Upper
122 100
105 128.5 123.5 163.5
77 89.9 85.7 125.7





#33

4-Chloroaniline

Concen: 13.25 ng

RT: 11.122 min Scan# 1333

Delta R.T. 0.002 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

Tot Ion:127 Resp: 70753

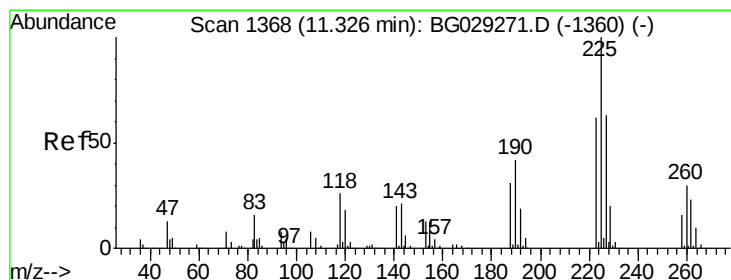
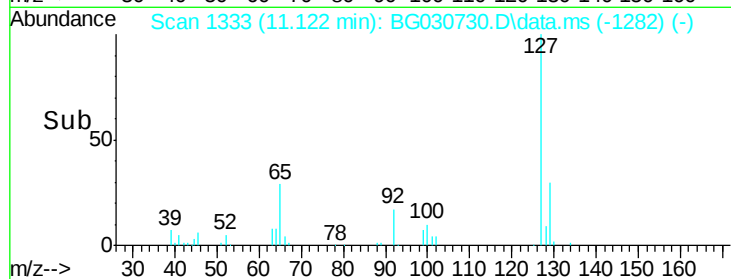
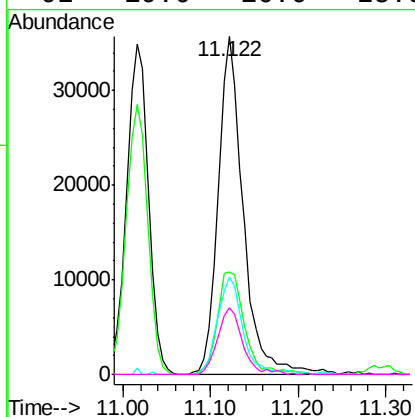
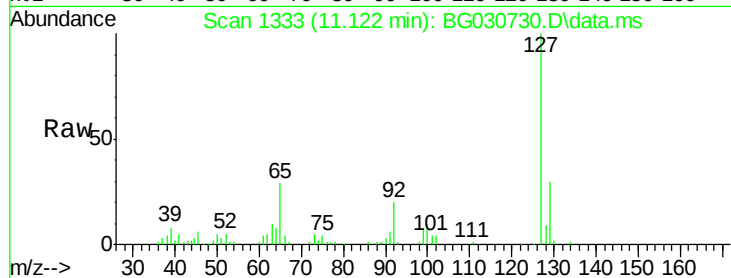
Ion Ratio Lower Upper

127 100

129 30.5 24.0 36.0

65 28.7 27.0 40.4

92 19.6 16.6 25.0



#34

Hexachlorobutadiene

Concen: 35.71 ng

RT: 11.298 min Scan# 1363

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

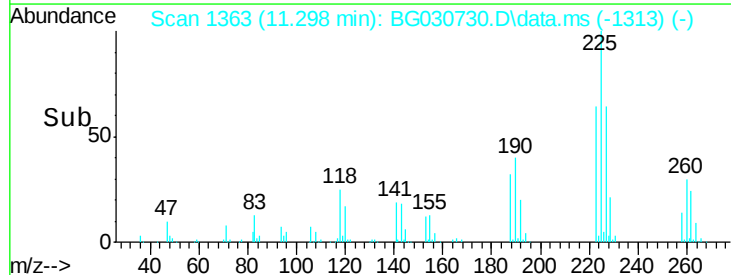
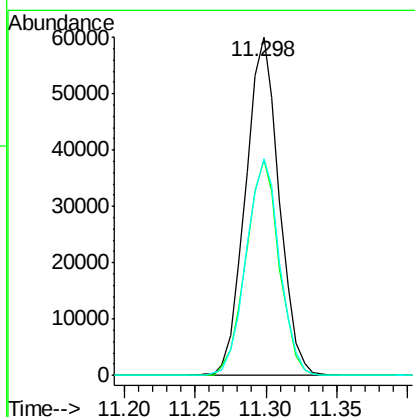
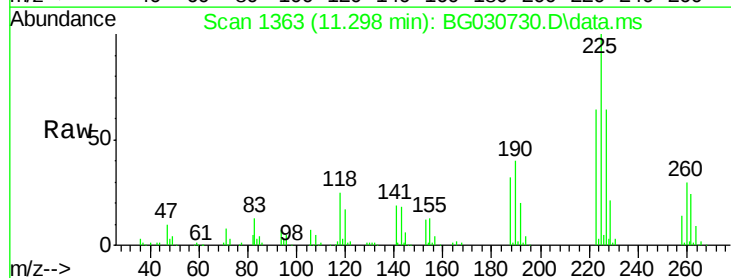
Tgt Ion:225 Resp: 99657

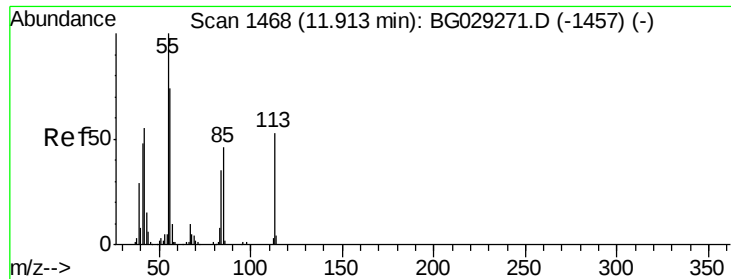
Ion Ratio Lower Upper

225 100

223 63.7 49.7 74.5

227 64.1 48.1 72.1





#35

Caprolactam

Concen: 25.94 ng

RT: 11.880 min Scan# 14

Delta R.T. -0.010 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

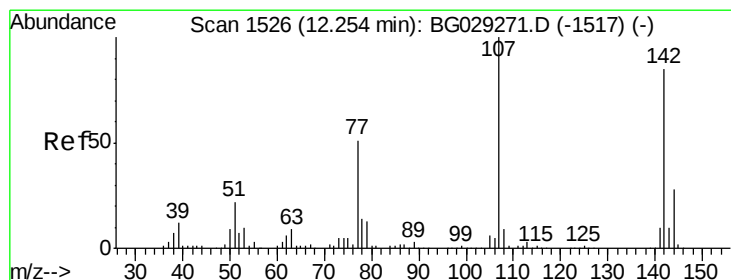
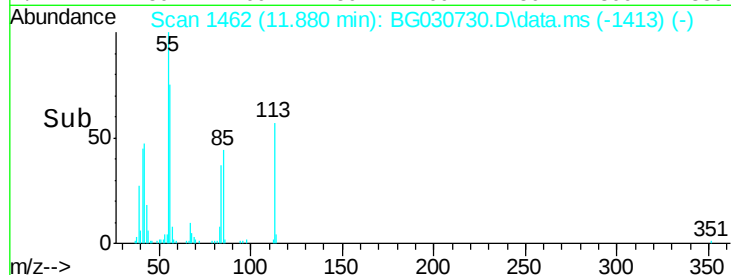
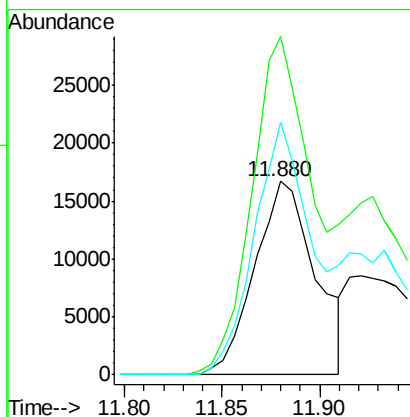
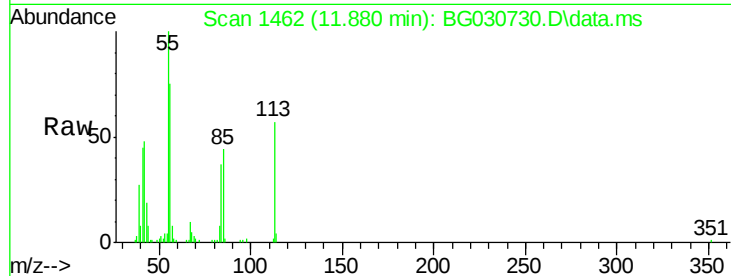
Tot Ion:113 Resp: 35813

Ion Ratio Lower Upper

113 100

55 175.1 186.9 226.9#

56 130.9 130.9 170.9#



#36

4-Chloro-3-methylphenol

Concen: 37.81 ng

RT: 12.232 min Scan# 1522

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

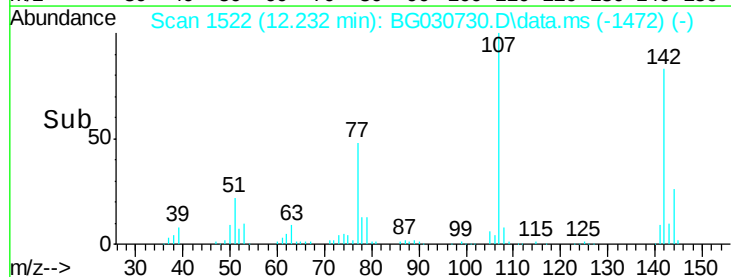
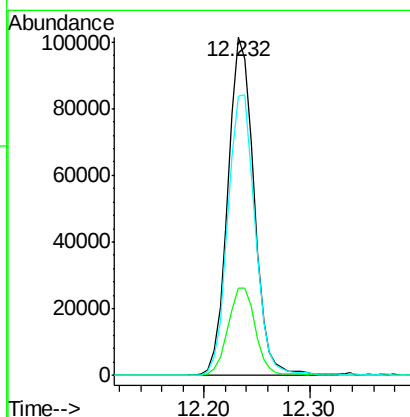
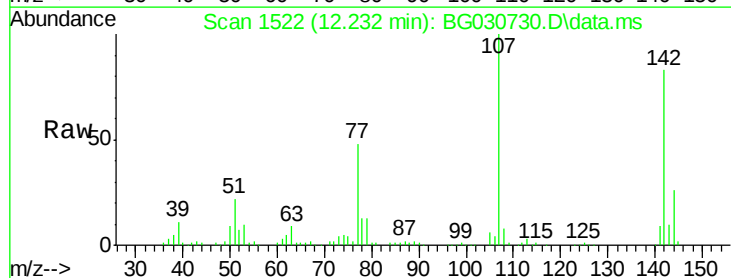
Tgt Ion:107 Resp: 172767

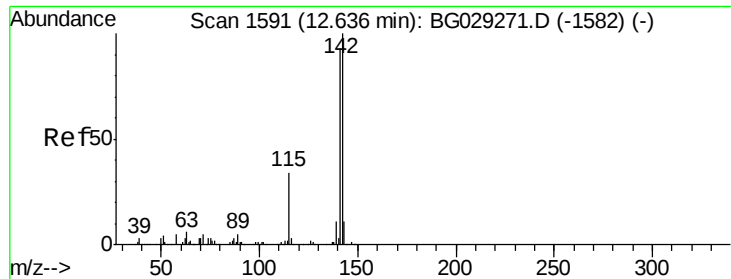
Ion Ratio Lower Upper

107 100

144 25.8 18.2 27.4

142 82.7 59.0 88.4

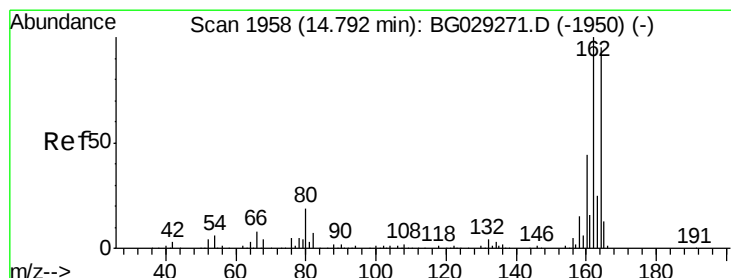
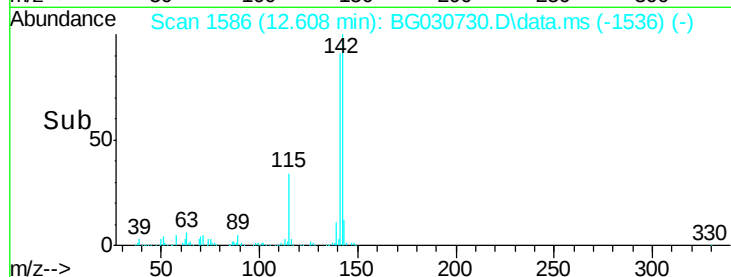
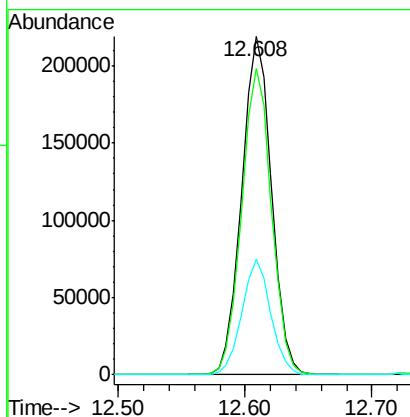
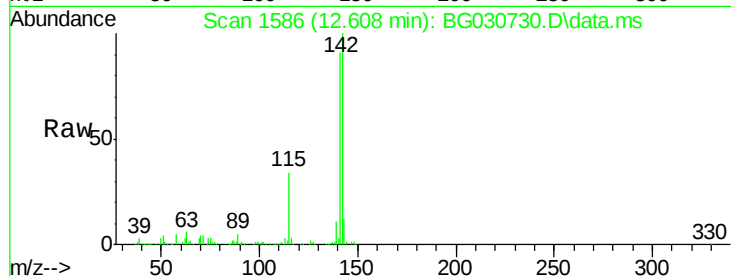




#37
2-Methylnaphthalene
Concen: 38.53 ng
RT: 12.608 min Scan# 1591
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

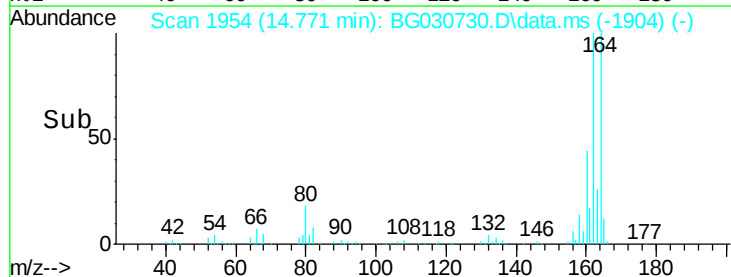
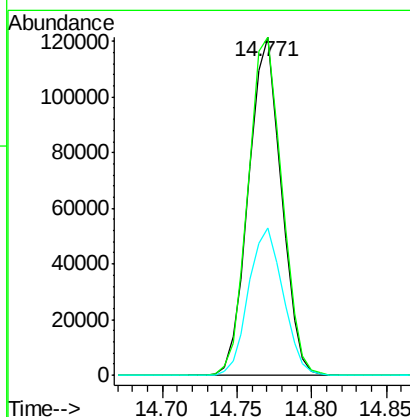
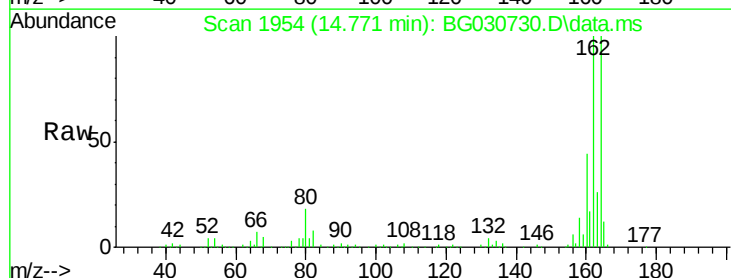
Instrument :
BNA_G
ClientSampleId :
PB103961BS

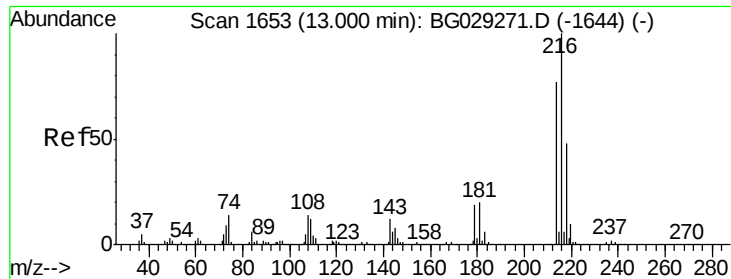
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	67.1	100.7
115	34.0	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.771 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.8	118.2
160	43.7	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.24 ng

RT: 12.973 min Scan# 16

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

Tot Ion:216 Resp: 202342

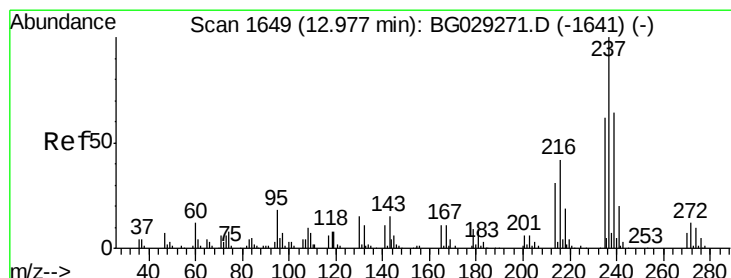
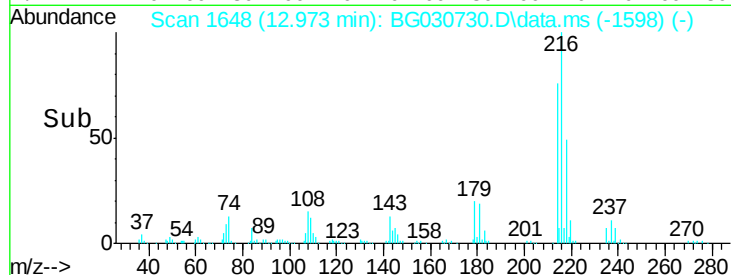
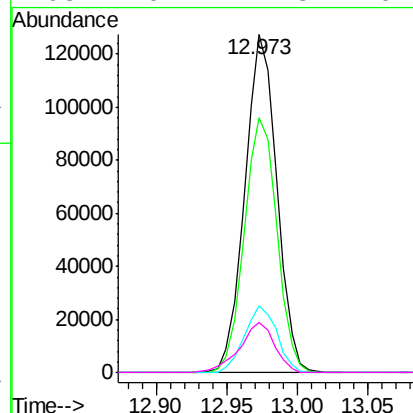
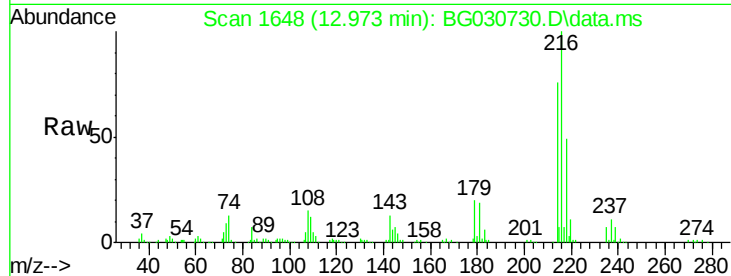
Ion Ratio Lower Upper

216 100

214 76.8 63.0 94.4

179 20.0 17.0 25.6

108 16.2 12.8 19.2



#40

Hexachlorocyclopentadiene

Concen: 72.54 ng

RT: 12.949 min Scan# 1644

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

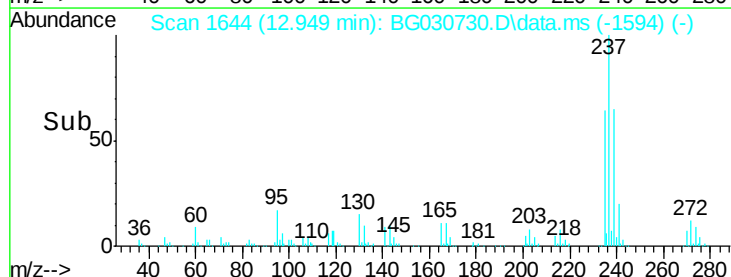
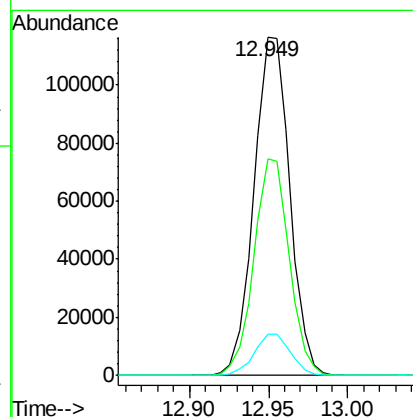
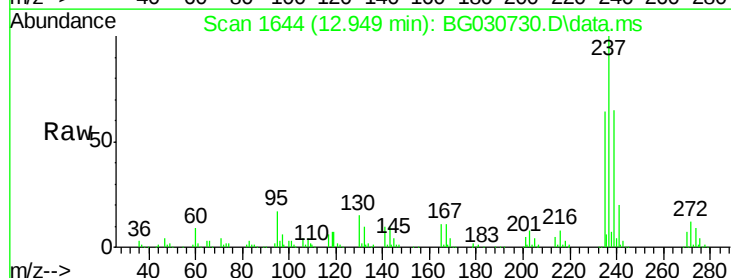
Tgt Ion:237 Resp: 182712

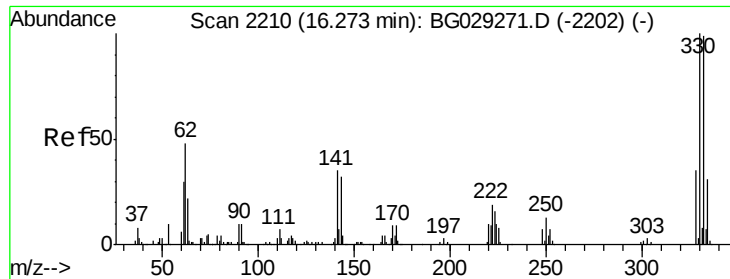
Ion Ratio Lower Upper

237 100

235 64.0 50.4 90.4

272 12.2 0.0 31.8

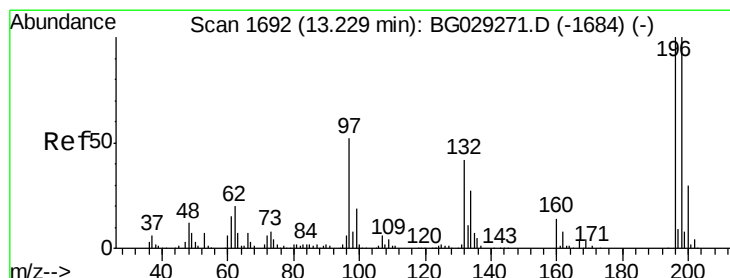
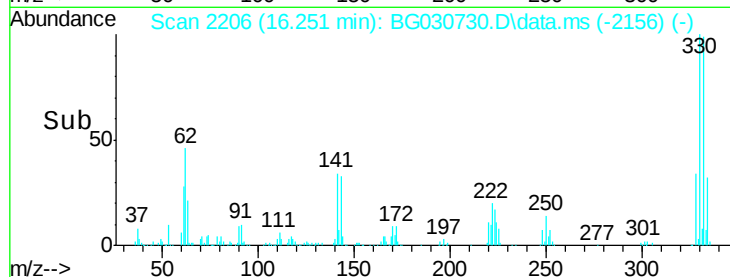
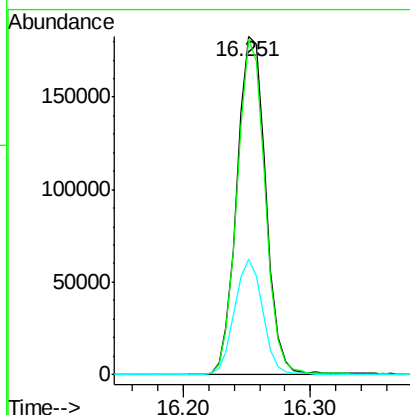
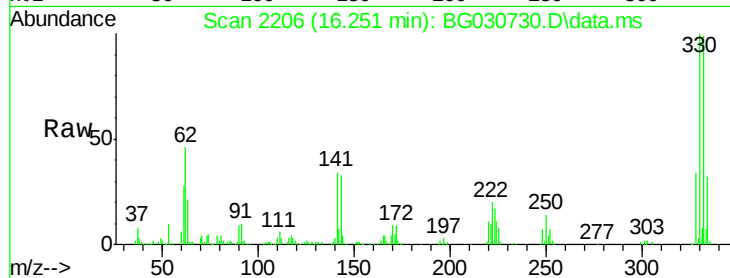




#41
 2,4,6-Tribromophenol
 Concen: 121.16 ng
 RT: 16.251 min Scan# 2210
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

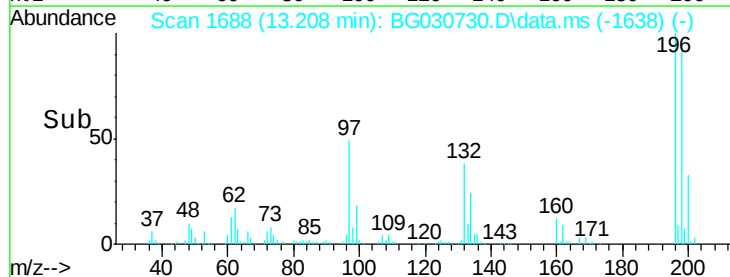
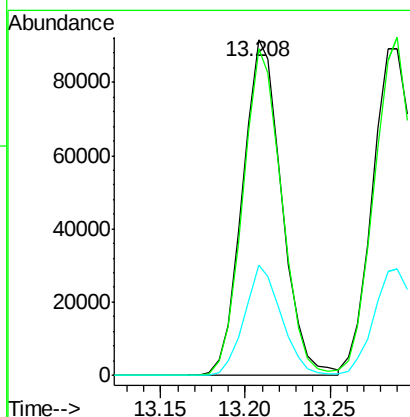
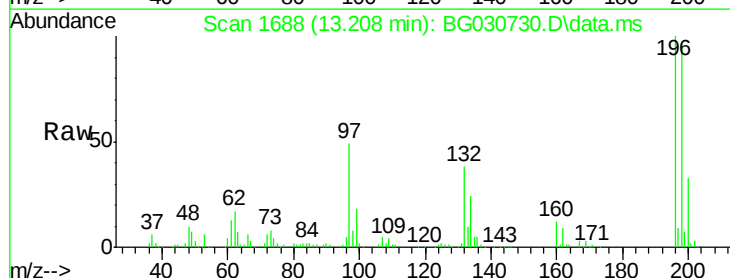
Instrument :
 BNA_G
 ClientSampleId :
 PB103961BS

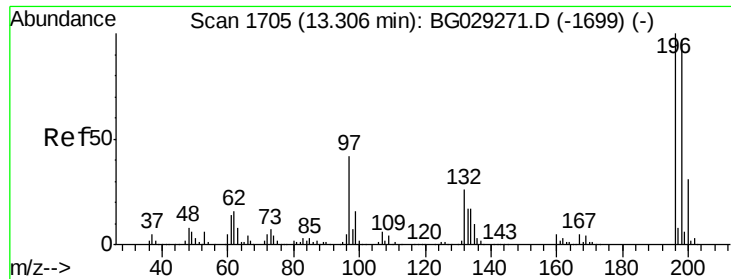
Tot Ion:330 Resp: 286720
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 33.2 25.2 37.8



#42
 2,4,6-Trichlorophenol
 Concen: 35.12 ng
 RT: 13.208 min Scan# 1688
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

Tgt Ion:196 Resp: 147533
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.2 117.2
 200 33.0 24.6 36.8

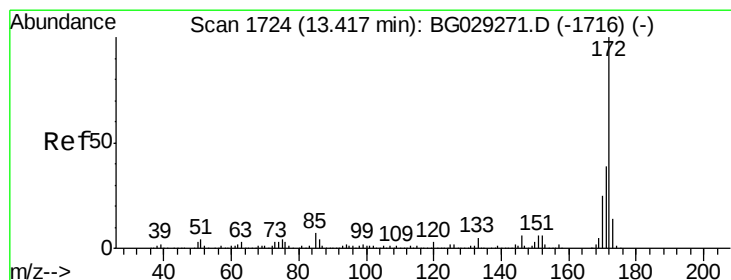
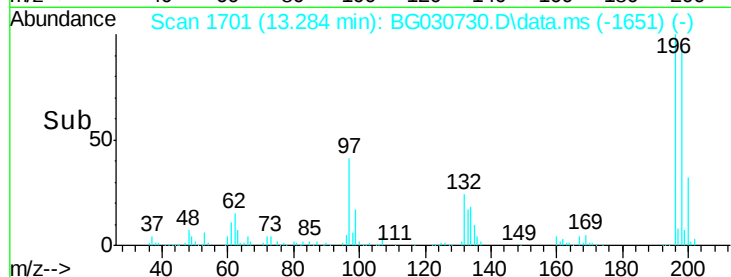
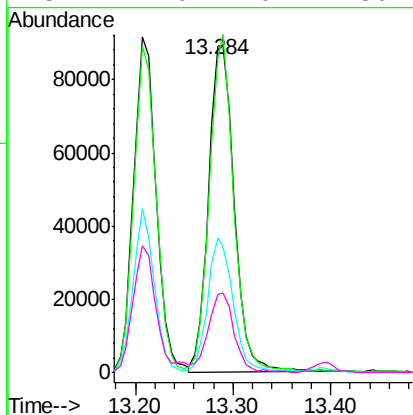
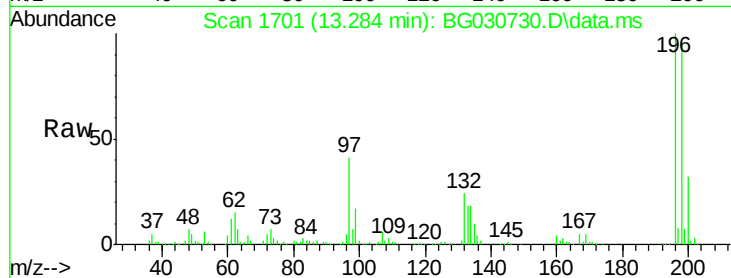




#43
 2,4,5-Trichlorophenol
 Concen: 37.72 ng
 RT: 13.284 min Scan# 1705
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

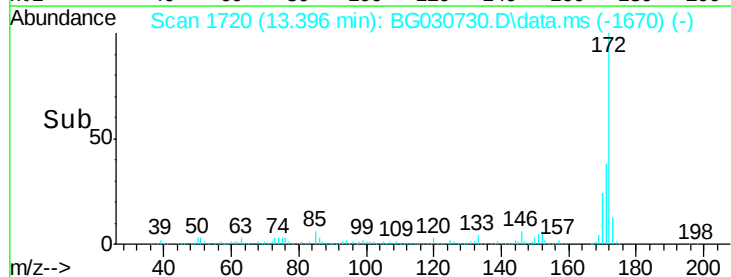
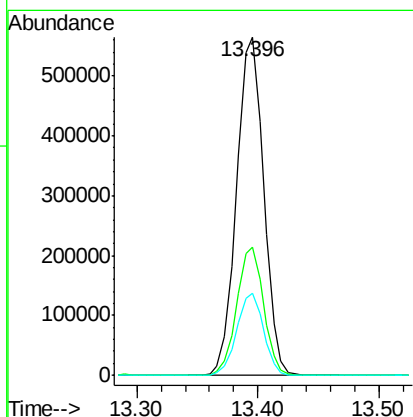
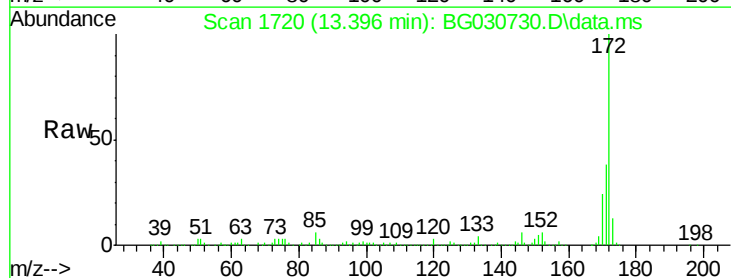
Instrument :
 BNA_G
 ClientSampleId :
 PB103961BS

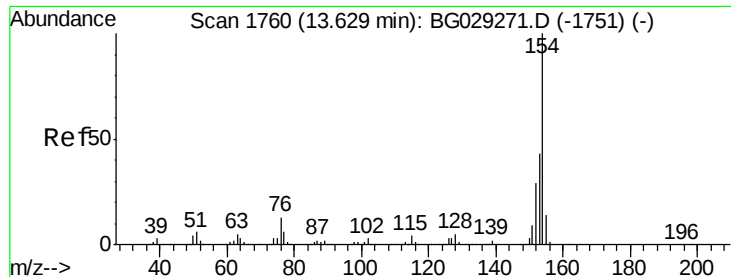
Tot Ion:	196	Resp:	162717
Ion Ratio	Lower	Upper	
196	100		
198	96.4	76.2	114.4
97	41.2	38.7	58.1
132	24.0	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 70.97 ng
 RT: 13.396 min Scan# 1720
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

Tgt Ion:	172	Resp:	886940
Ion Ratio	Lower	Upper	
172	100		
171	37.8	30.0	45.0
170	24.2	19.5	29.3

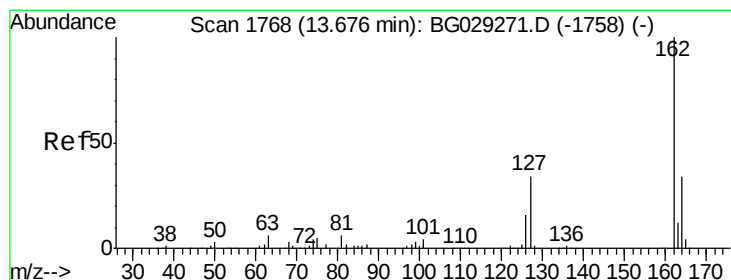
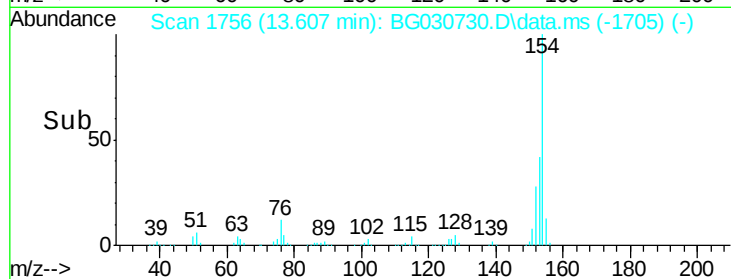
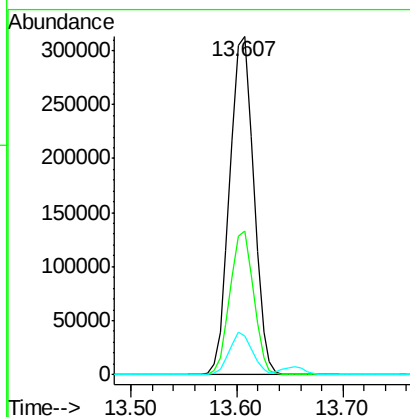
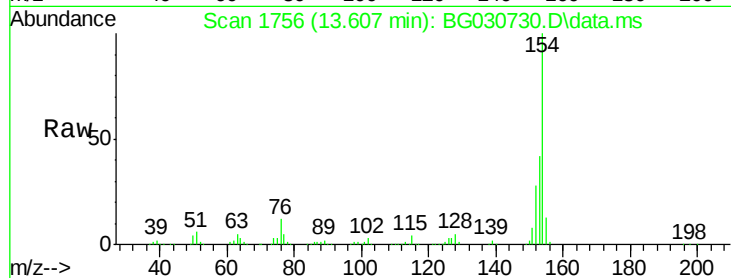




#45
 1,1'-Biphenyl
 Concen: 31.15 ng
 RT: 13.607 min Scan# 1760
 Delta R.T. 0.002 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

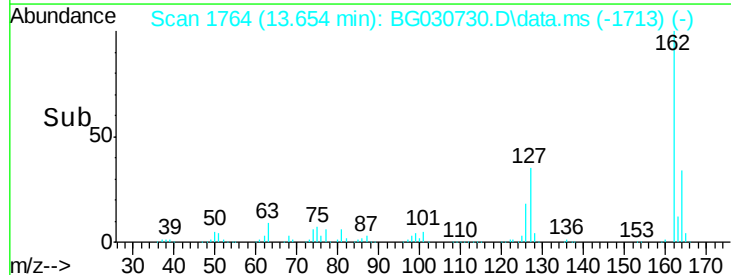
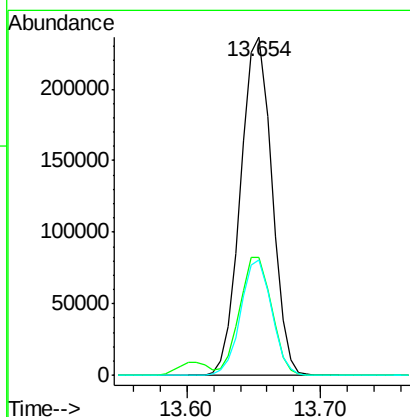
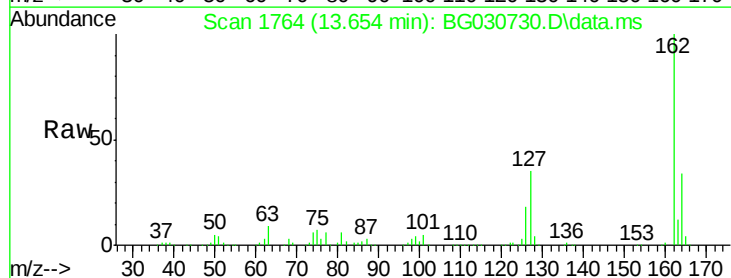
Instrument :
 BNA_G
 ClientSampleId :
 PB103961BS

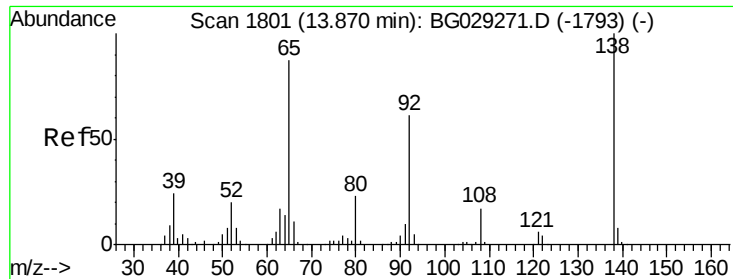
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	19.8	59.8
76	11.6	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 33.35 ng
 RT: 13.654 min Scan# 1764
 Delta R.T. 0.002 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.9	30.7	46.1
164	34.1	26.0	39.0

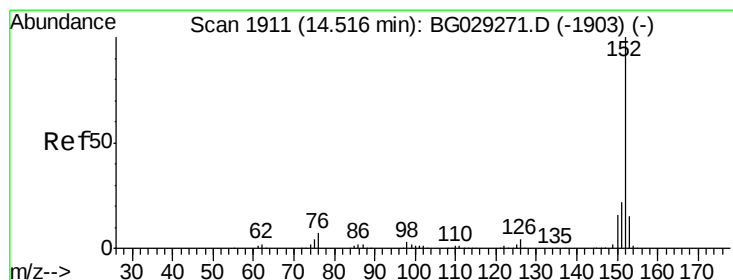
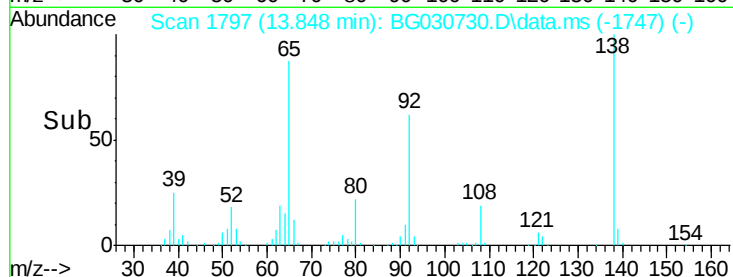
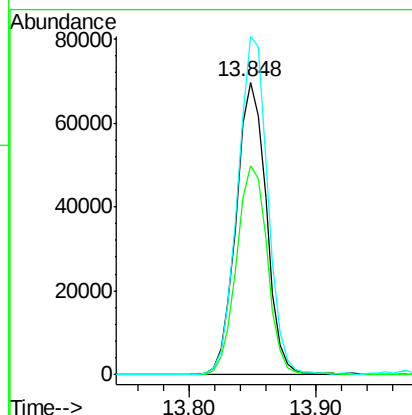
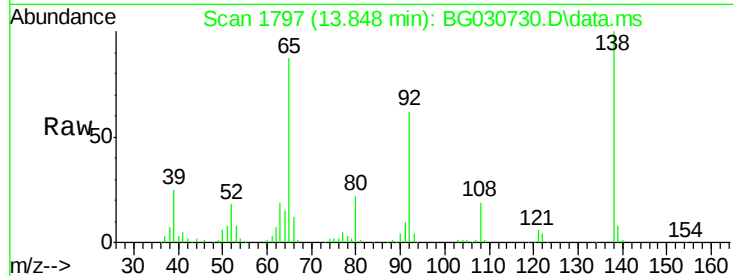




#47
2-Nitroaniline
Concen: 36.22 ng
RT: 13.848 min Scan# 17
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

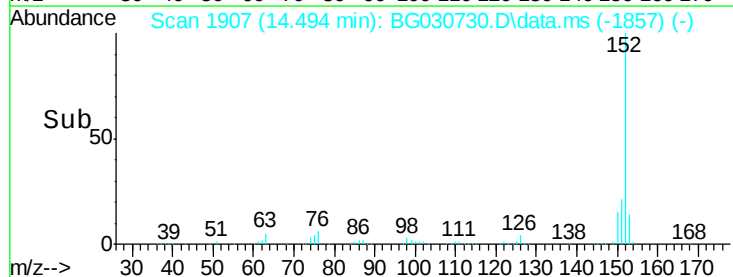
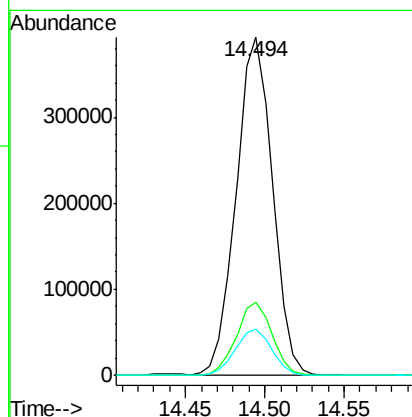
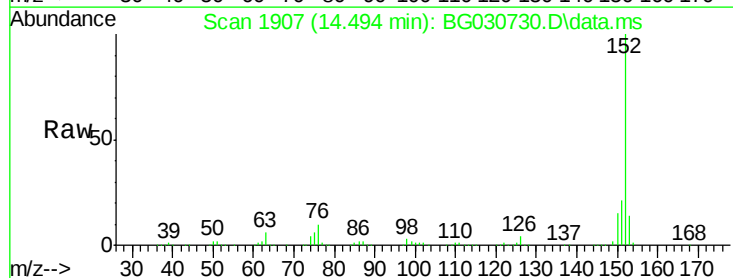
Instrument :
BNA_G
ClientSampleId :
PB103961BS

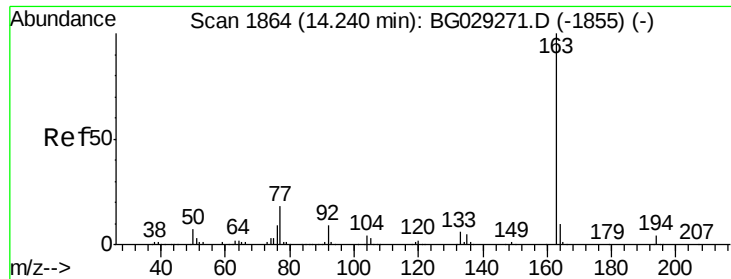
Tot Ion: 65 Resp: 114330
Ion Ratio Lower Upper
65 100
92 71.4 54.6 82.0
138 115.6 72.9 109.3#



#48
Acenaphthylene
Concen: 34.67 ng
RT: 14.494 min Scan# 1907
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

Tgt Ion: 152 Resp: 623468
Ion Ratio Lower Upper
152 100
151 21.5 17.2 25.8
153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 36.59 ng

RT: 14.212 min Scan# 1864

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

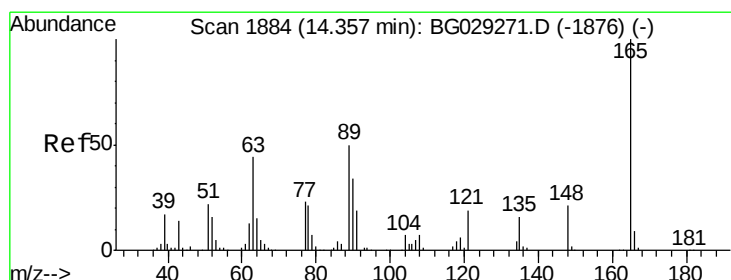
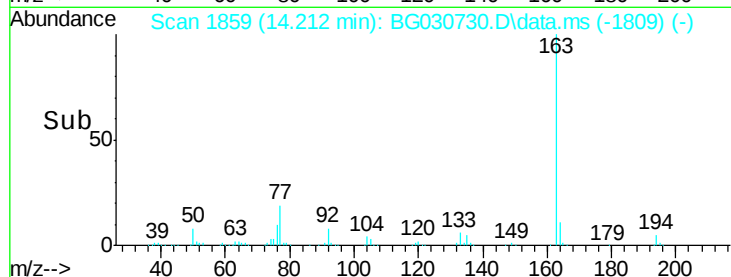
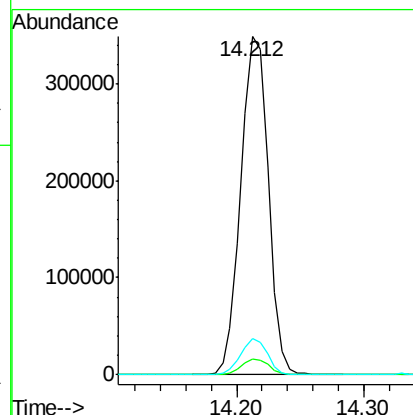
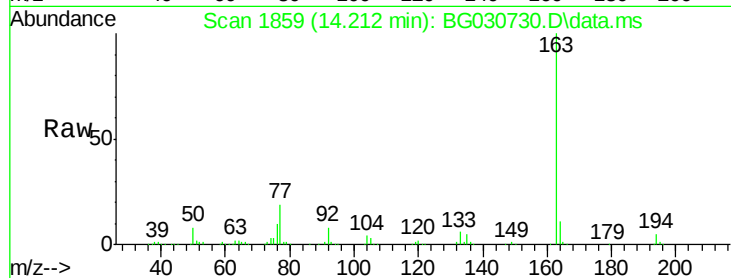
Tot Ion:163 Resp: 523210

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

164 10.6 8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 39.50 ng

RT: 14.336 min Scan# 1880

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

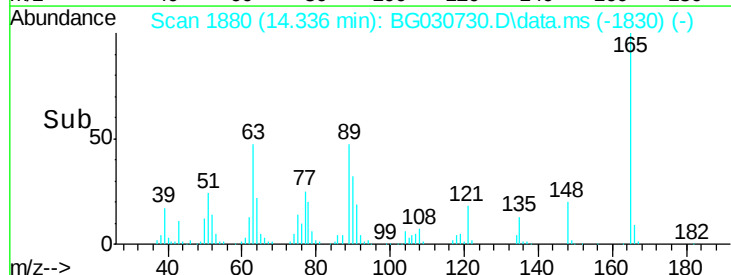
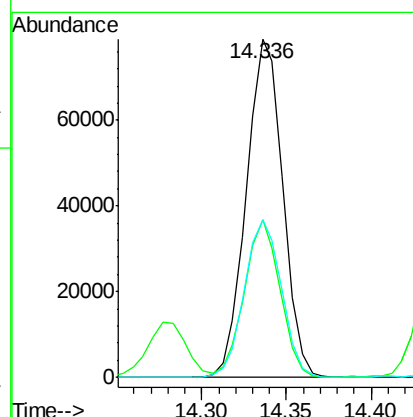
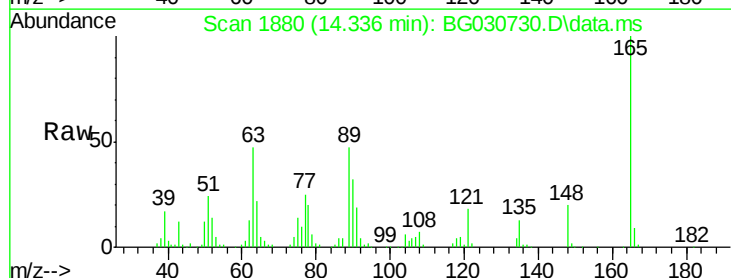
Tgt Ion:165 Resp: 118398

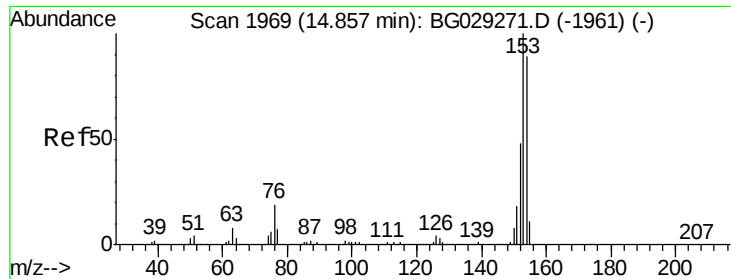
Ion Ratio Lower Upper

165 100

63 46.6 52.7 79.1#

89 46.7 49.2 73.8#





#51

Acenaphthene

Concen: 32.65 ng

RT: 14.829 min Scan# 19

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

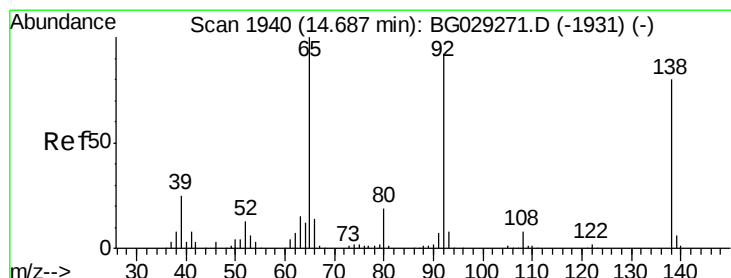
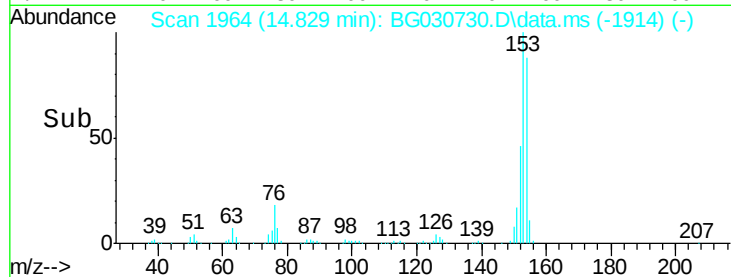
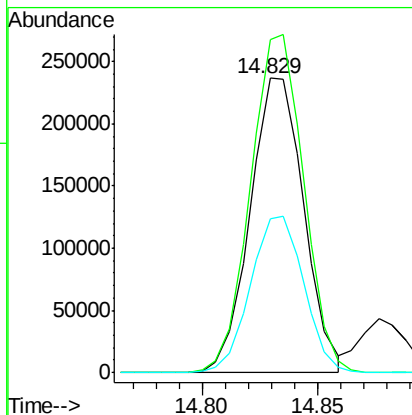
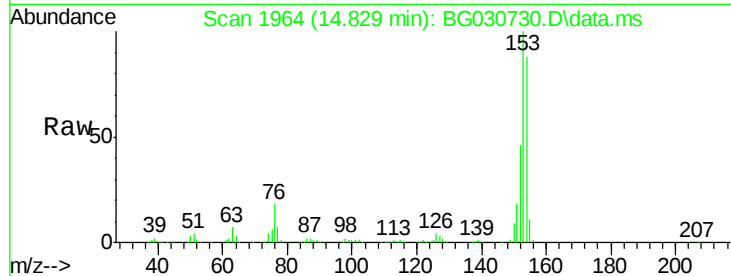
Tot Ion:154 Resp: 382091

Ion Ratio Lower Upper

154 100

153 113.0 90.4 135.6

152 52.1 41.6 62.4



#52

3-Nitroaniline

Concen: 21.27 ng

RT: 14.671 min Scan# 1937

Delta R.T. 0.002 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

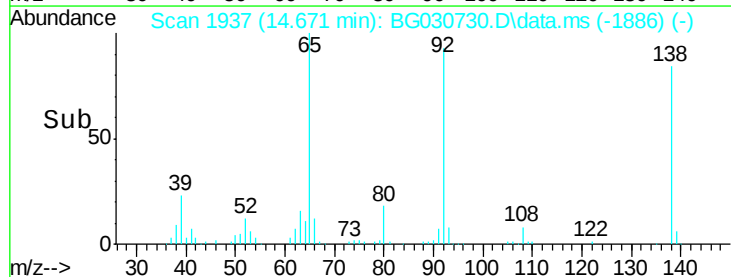
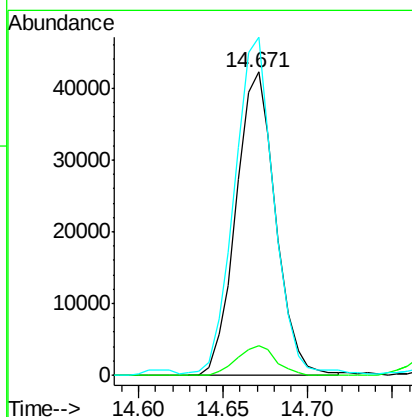
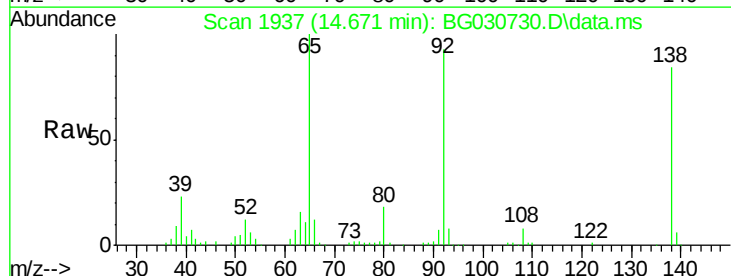
Tgt Ion:138 Resp: 68809

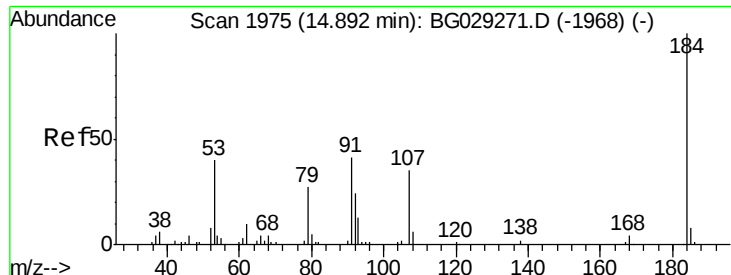
Ion Ratio Lower Upper

138 100

108 9.8 17.5 26.3#

92 111.5 105.8 158.8

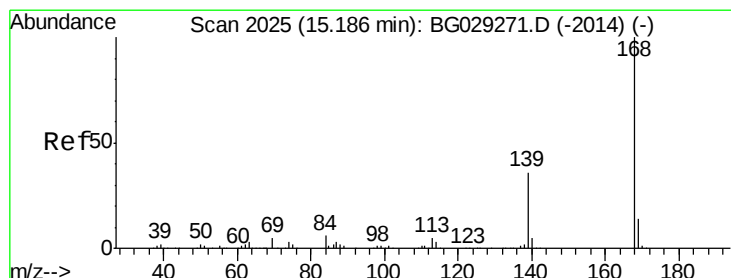
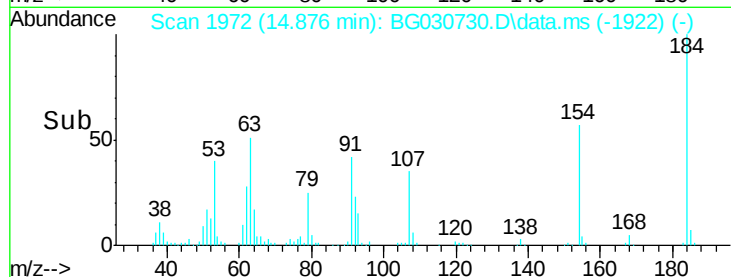
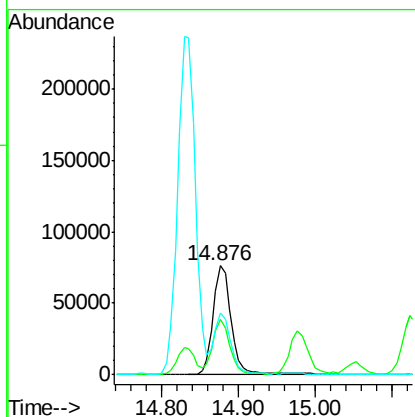
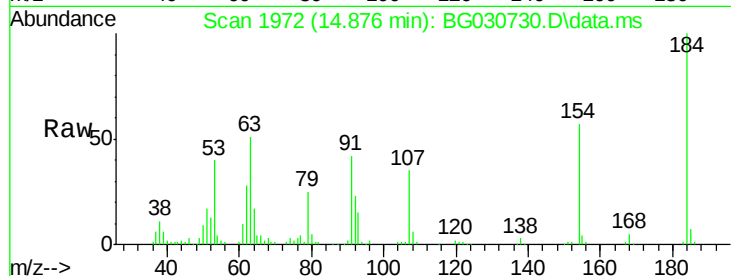




#53
 2,4-Dinitrophenol
 Concen: 75.61 ng
 RT: 14.876 min Scan# 1975
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

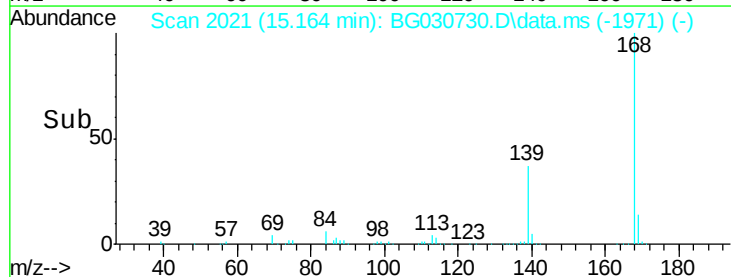
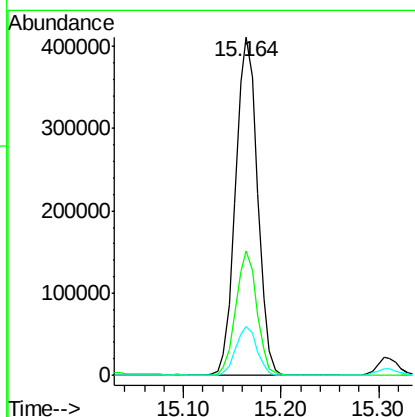
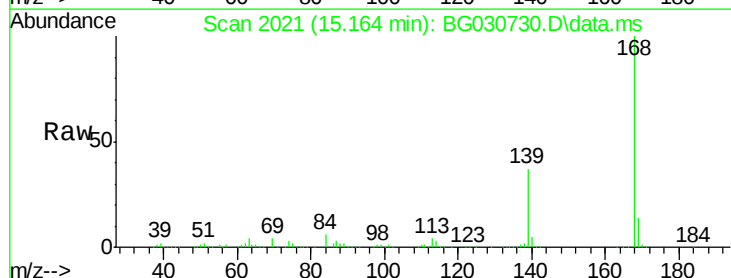
Instrument :
 BNA_G
 ClientSampleId :
 PB103961BS

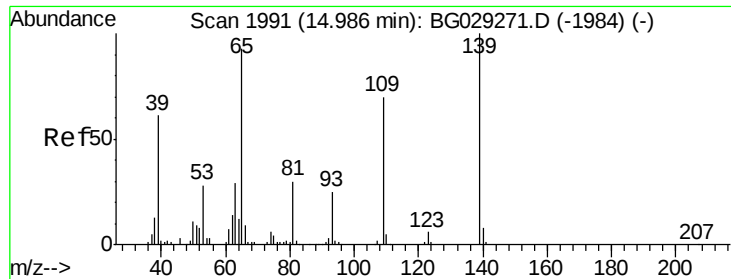
Tot Ion:184 Resp: 124152
 Ion Ratio Lower Upper
 184 100
 63 50.9 59.8 89.8#
 154 57.3 101.8 152.8#



#54
 Dibenzofuran
 Concen: 38.25 ng
 RT: 15.164 min Scan# 2021
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

Tgt Ion:168 Resp: 639016
 Ion Ratio Lower Upper
 168 100
 139 36.9 28.6 43.0
 169 14.2 11.2 16.8





#55

4-Nitrophenol

Concen: 73.42 ng

RT: 14.982 min Scan# 19

Delta R.T. 0.008 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

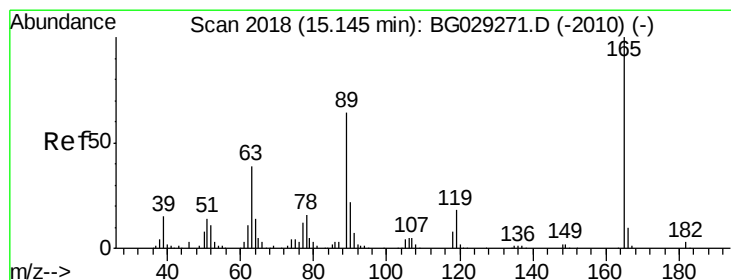
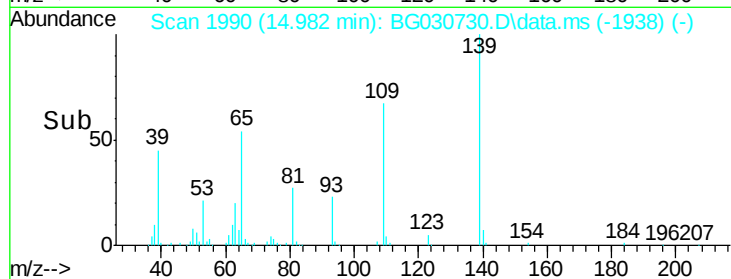
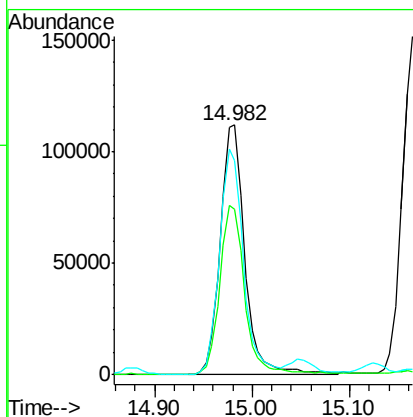
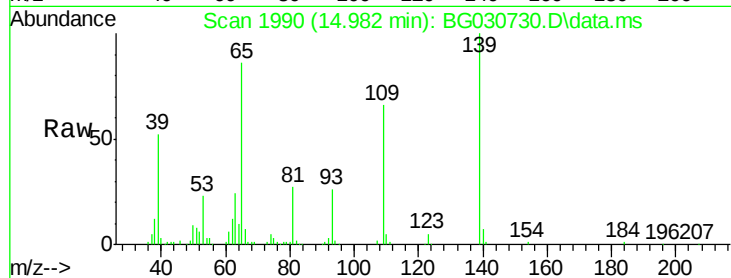
Tot Ion:139 Resp: 195810

Ion Ratio Lower Upper

139 100

109 66.1 62.2 102.2

65 85.9 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 42.23 ng

RT: 15.123 min Scan# 2014

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Tgt Ion:165 Resp: 171381

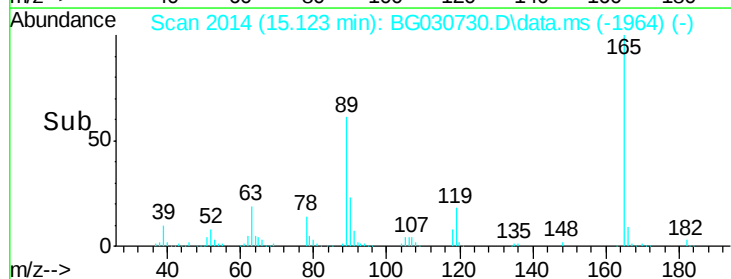
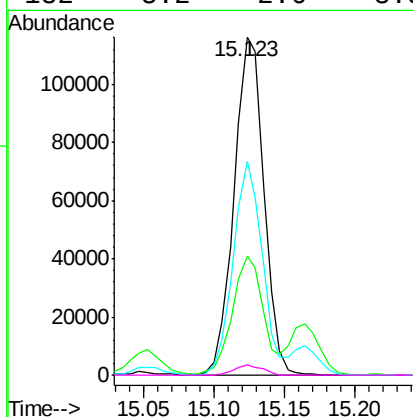
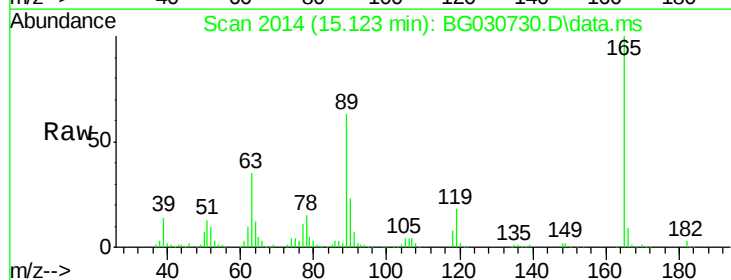
Ion Ratio Lower Upper

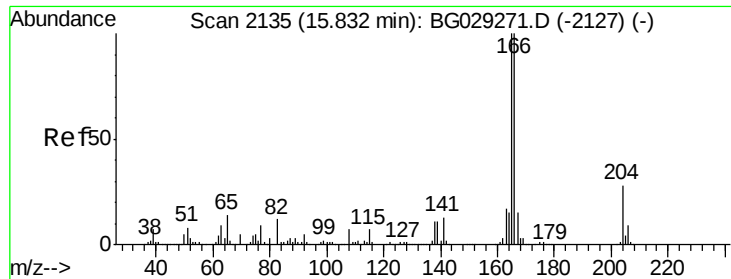
165 100

63 35.3 42.0 63.0#

89 63.3 66.9 100.3#

182 3.2 2.6 3.8





#57

Fluorene

Concen: 36.58 ng

RT: 15.811 min Scan# 2131

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

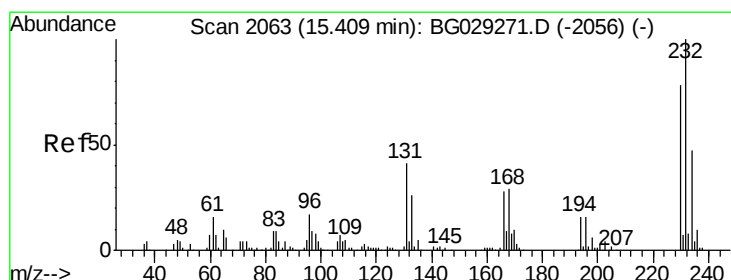
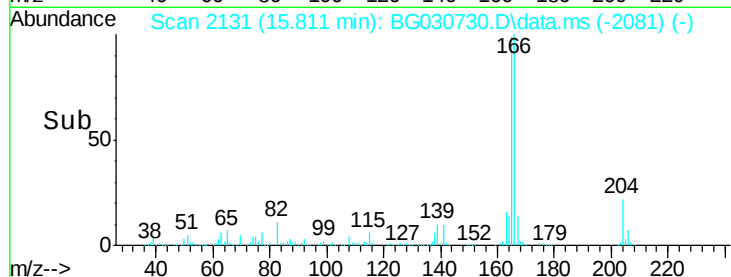
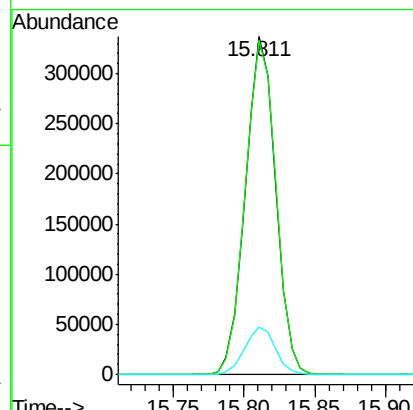
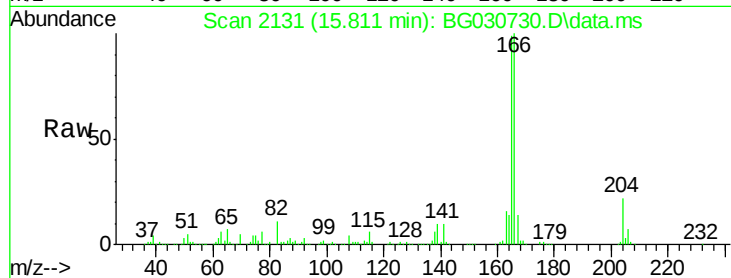
Tot Ion:166 Resp: 504732

Ion Ratio Lower Upper

166 100

165 98.8 80.6 121.0

167 14.0 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.02 ng

RT: 15.388 min Scan# 2059

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Tgt Ion:232 Resp: 158454

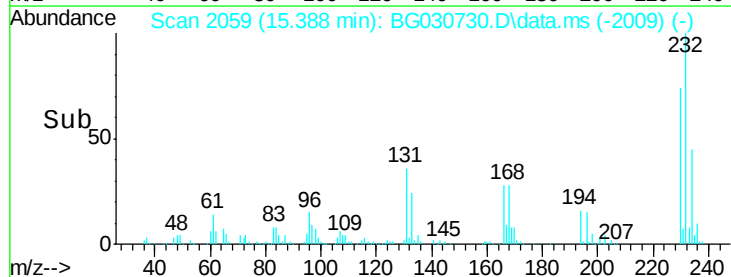
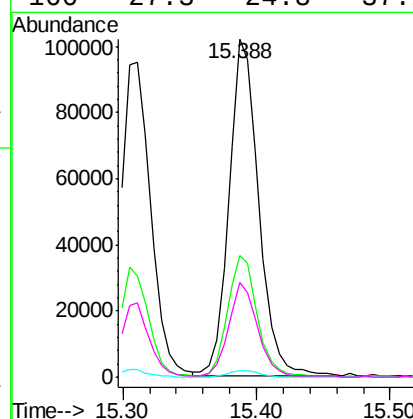
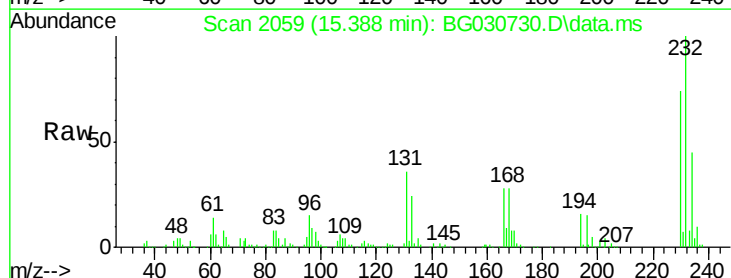
Ion Ratio Lower Upper

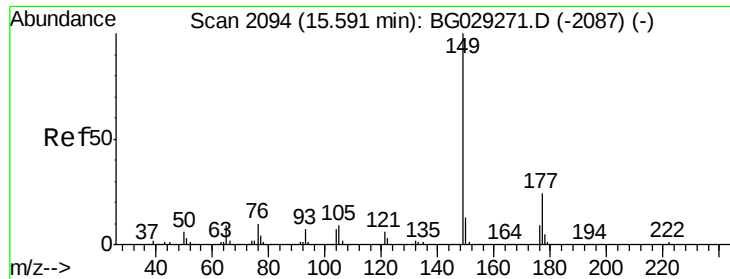
232 100

131 36.2 33.5 50.3

130 2.1 2.2 3.2#

166 27.3 24.8 37.2





#59

Diethylphthalate

Concen: 36.97 ng

RT: 15.570 min Scan# 20

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

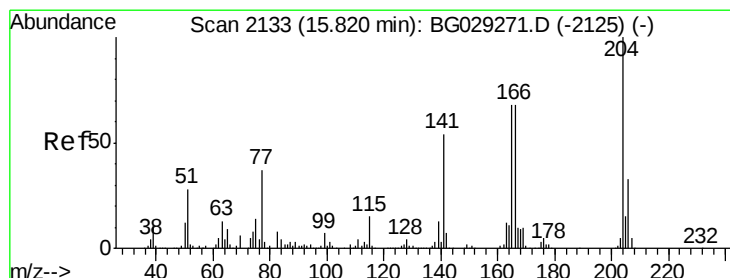
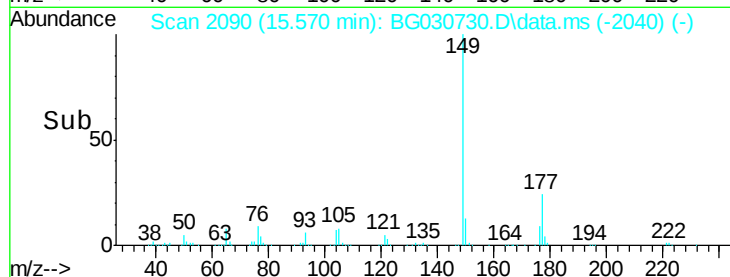
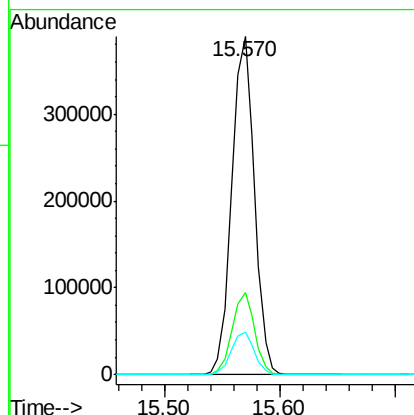
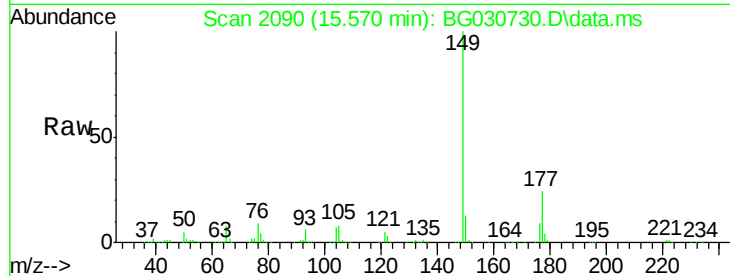
Tot Ion:149 Resp: 526938

Ion Ratio Lower Upper

149 100

177 24.2 18.5 27.7

150 12.5 10.2 15.2



#60

4-Chlorophenyl-phenylether

Concen: 39.32 ng

RT: 15.799 min Scan# 2129

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

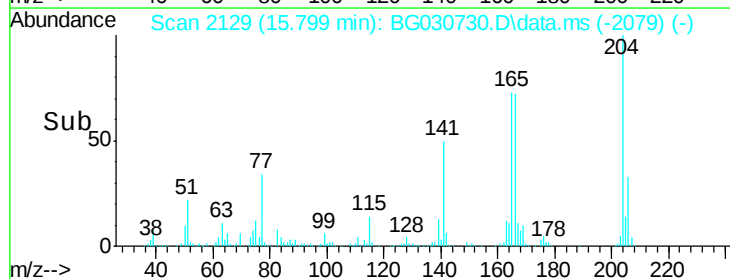
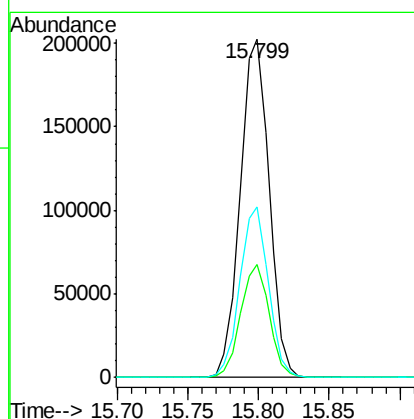
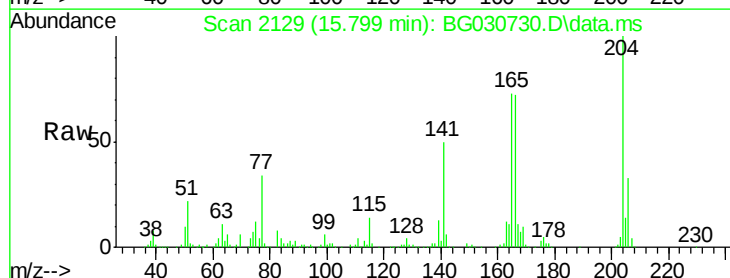
Tgt Ion:204 Resp: 289254

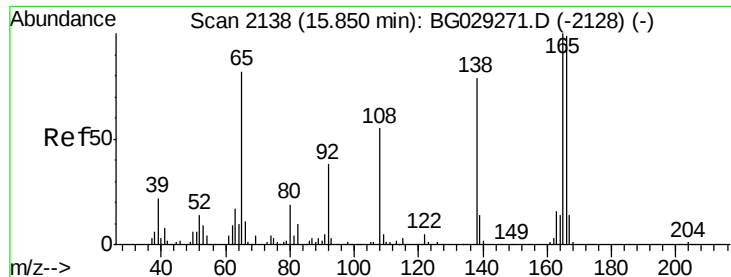
Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

141 50.3 45.8 68.6

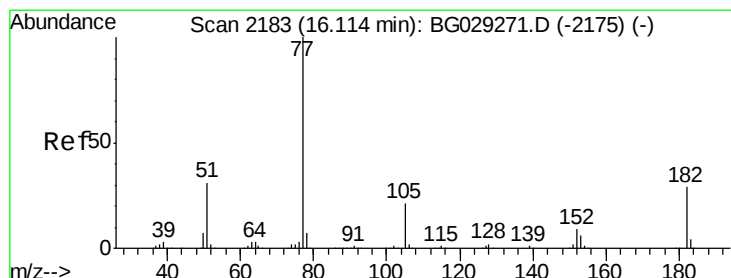
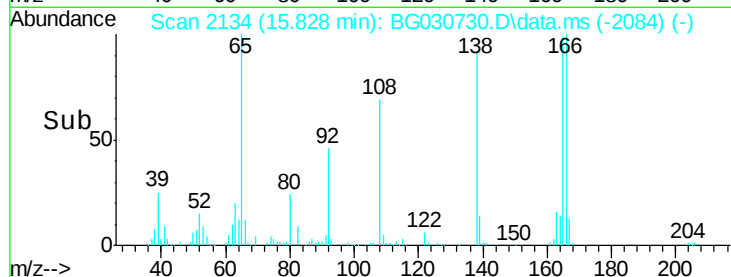
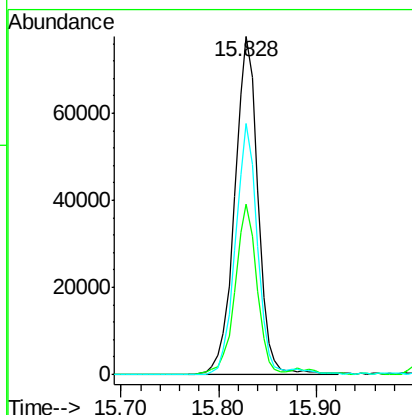
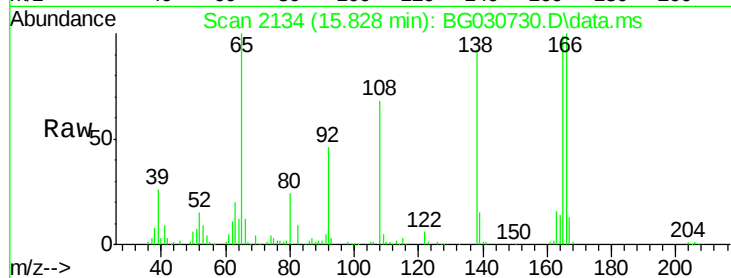




#61
4-Nitroaniline
Concen: 38.81 ng
RT: 15.828 min Scan# 2134
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

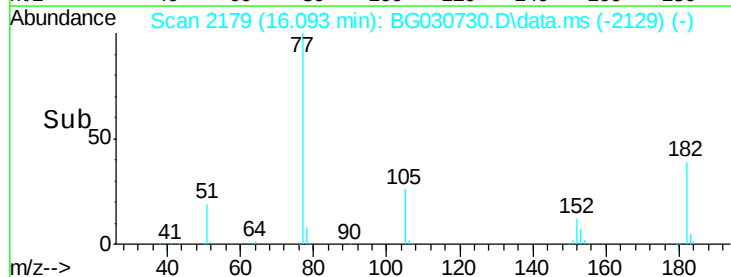
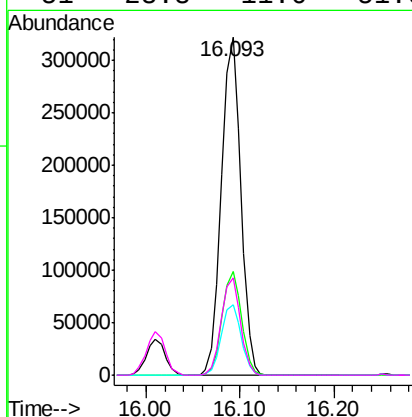
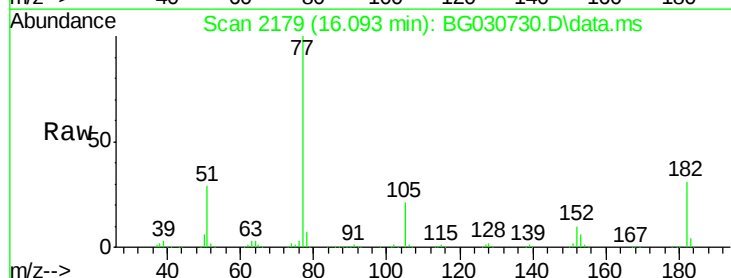
Instrument :
BNA_G
ClientSampleId :
PB103961BS

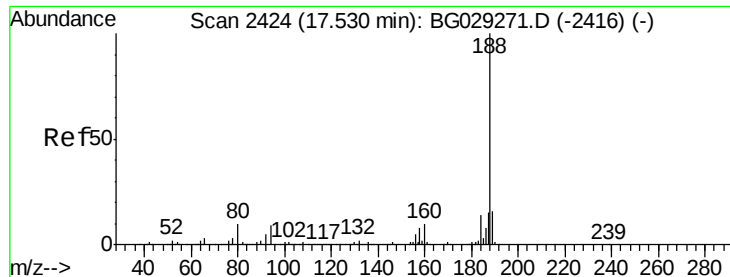
Tot Ion:138 Resp: 128923
Ion Ratio Lower Upper
138 100
92 50.4 40.1 80.1
108 74.4 65.4 105.4



#62
Azobenzene
Concen: 38.81 ng
RT: 16.093 min Scan# 2179
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

Tgt Ion: 77 Resp: 466398
Ion Ratio Lower Upper
77 100
182 30.8 7.4 47.4
105 20.9 0.3 40.3
51 28.8 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.509 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

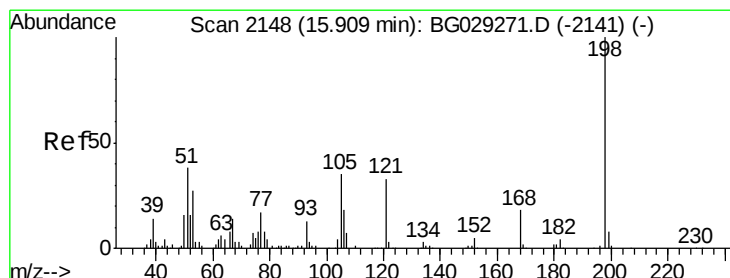
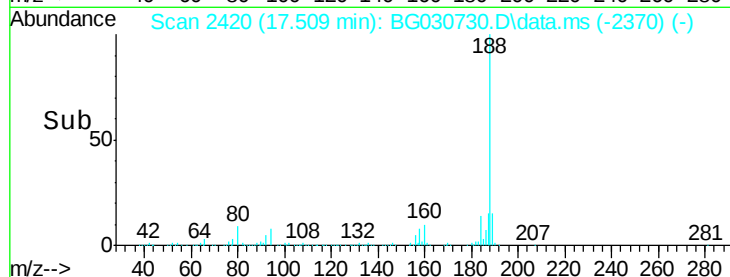
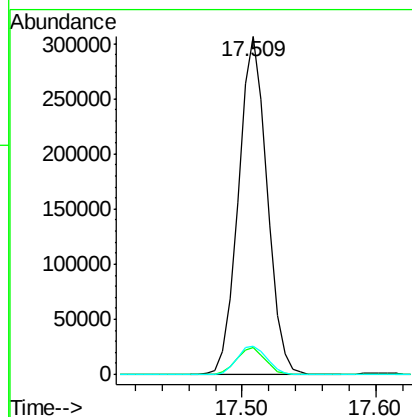
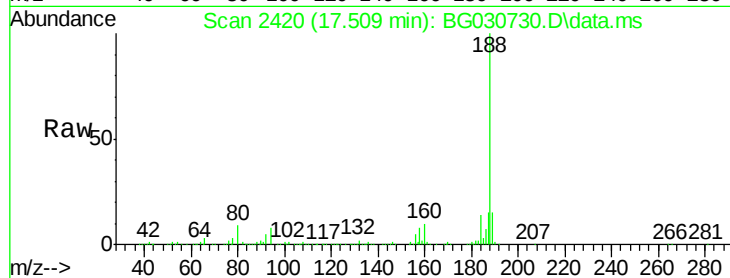
Tot Ion:188 Resp: 453496

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

80 8.5 7.7 11.5



#64

4,6-Dinitro-2-methylphenol

Concen: 34.19 ng

RT: 15.887 min Scan# 2144

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

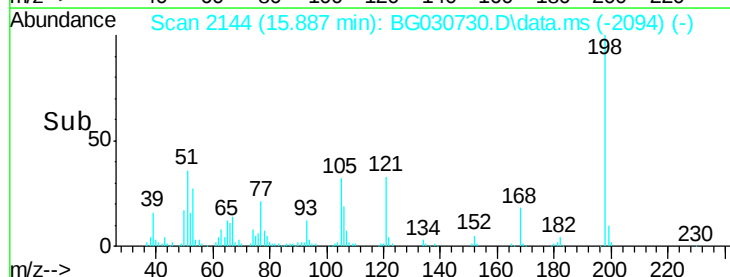
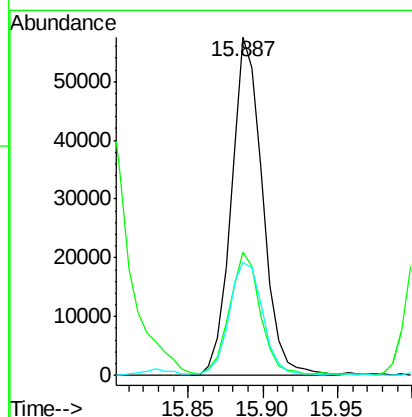
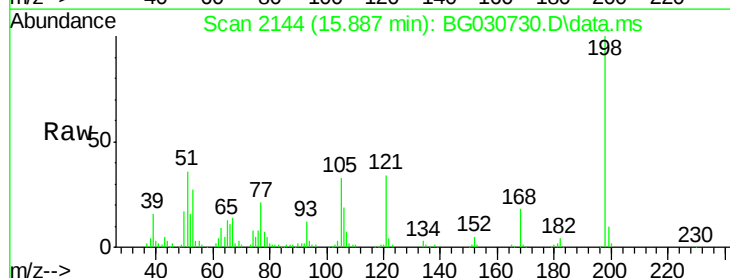
Tgt Ion:198 Resp: 84018

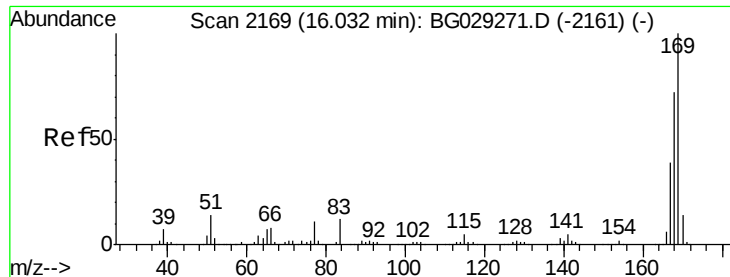
Ion Ratio Lower Upper

198 100

51 36.4 30.6 70.6

105 33.4 23.8 63.8

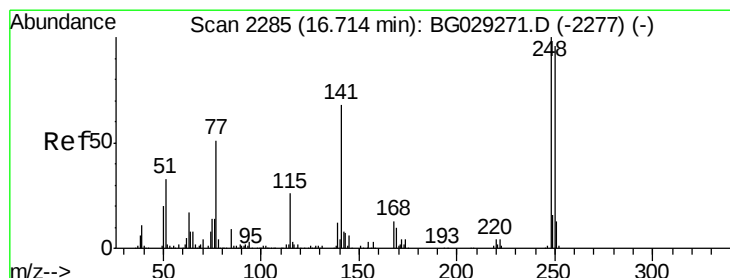
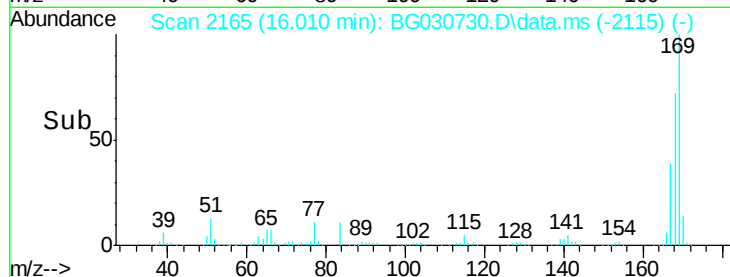
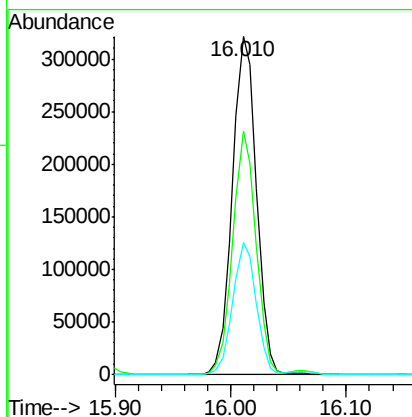
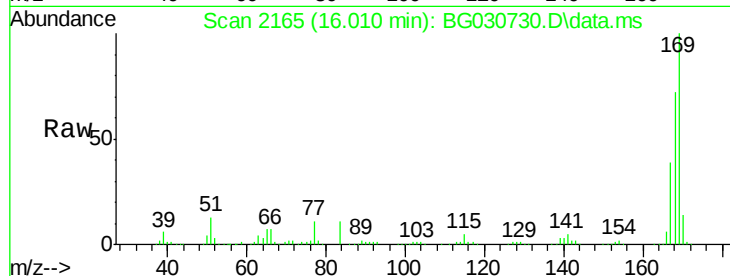




#65
 n-Nitrosodiphenylamine
 Concen: 34.21 ng
 RT: 16.010 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

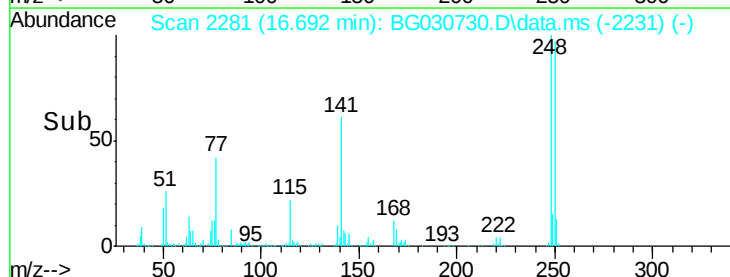
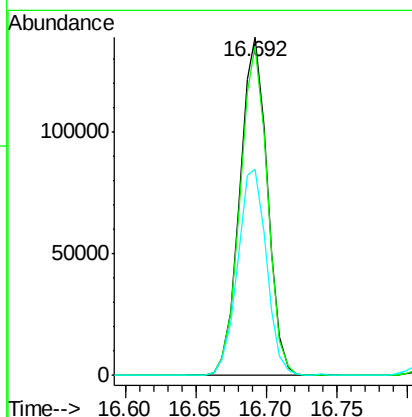
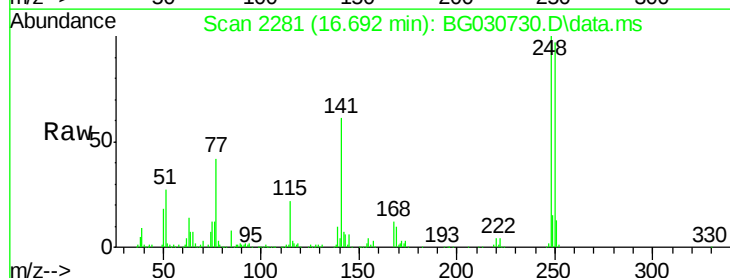
Instrument :
 BNA_G
 ClientSampleId :
 PB103961BS

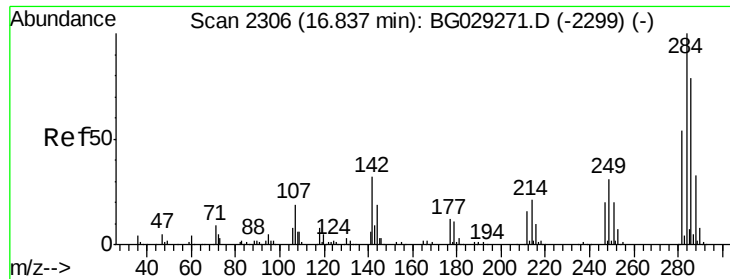
Tot Ion:169 Resp: 464728
 Ion Ratio Lower Upper
 169 100
 168 71.9 55.7 83.5
 167 38.9 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 36.25 ng
 RT: 16.692 min Scan# 2281
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

Tgt Ion:248 Resp: 188616
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.1 115.7
 141 60.9 50.8 76.2

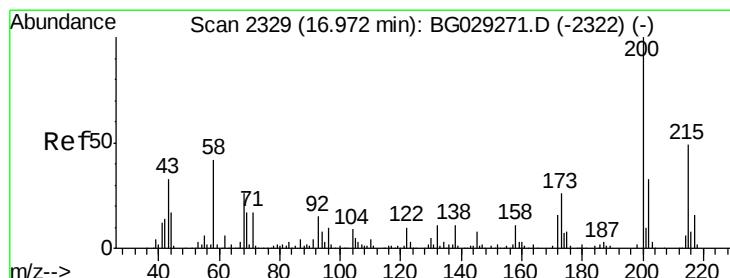
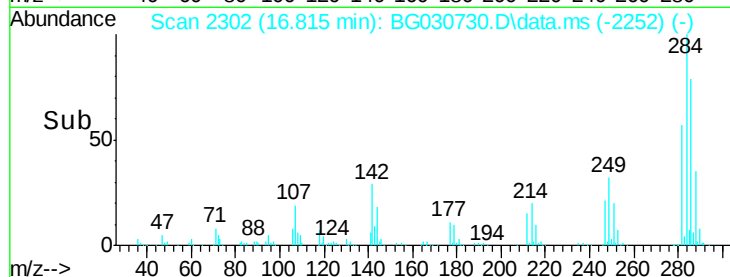
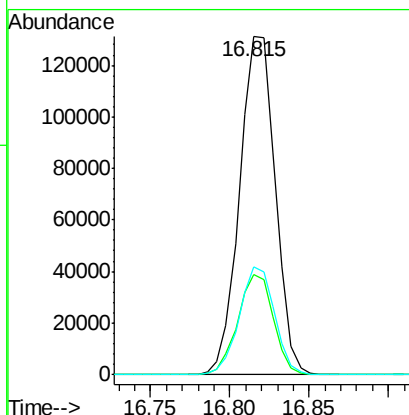
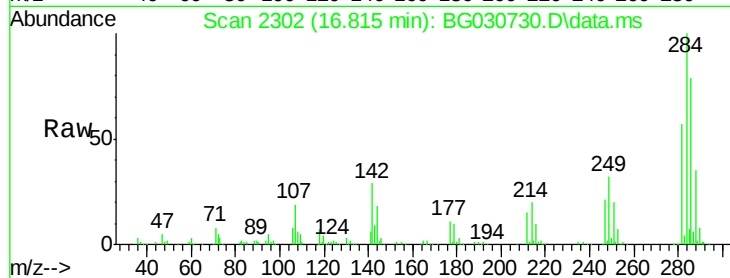




#67
Hexachlorobenzene
Concen: 34.71 ng
RT: 16.815 min Scan# 2306
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

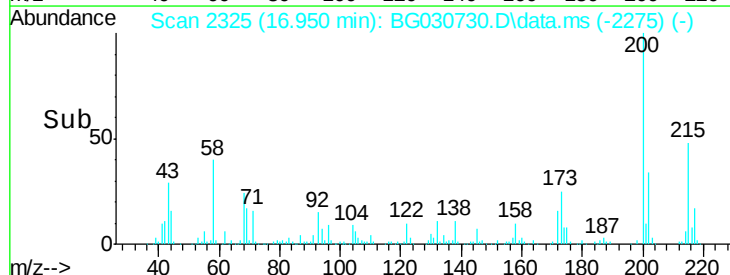
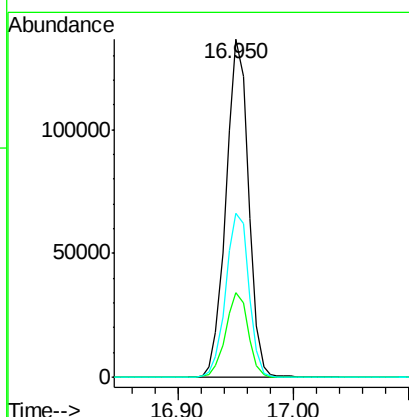
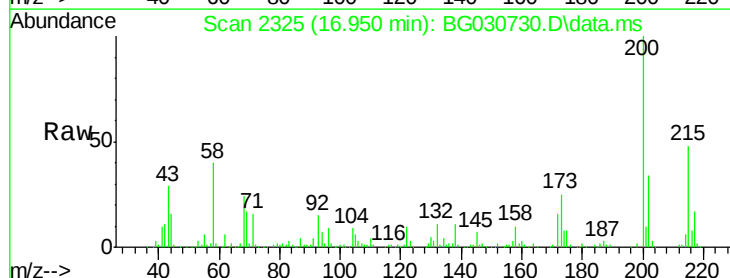
Instrument :
BNA_G
ClientSampleId :
PB103961BS

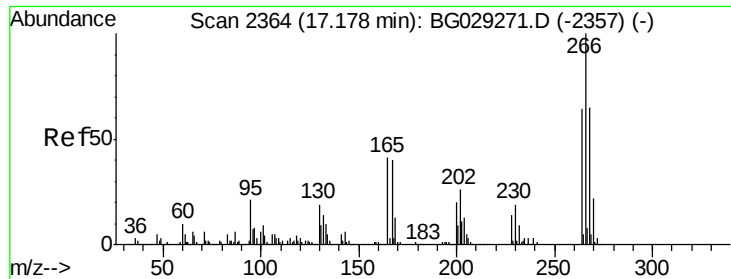
Tot Ion	Ratio	Lower	Upper
284	100		
142	29.5	26.8	40.2
249	32.0	26.3	39.5



#68
Atrazine
Concen: 38.05 ng
RT: 16.950 min Scan# 2325
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.2	45.2
215	48.5	30.4	70.4

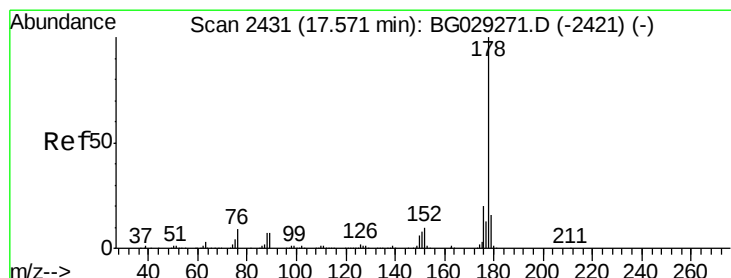
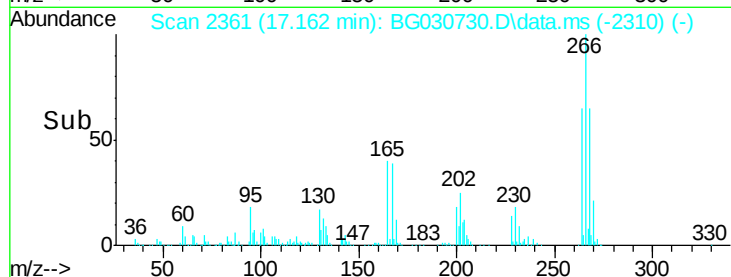
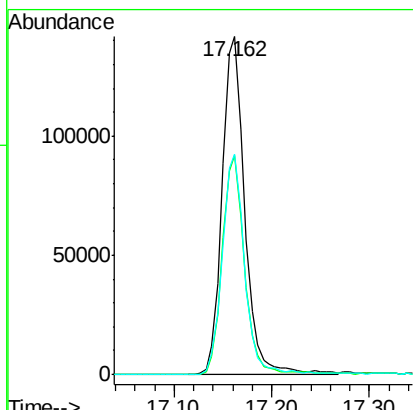
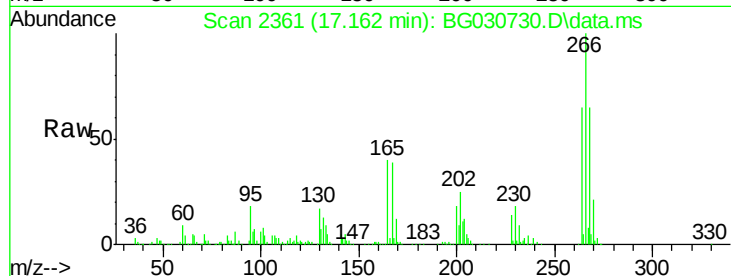




#69
 Pentachlorophenol
 Concen: 67.27 ng
 RT: 17.162 min Scan# 2361
 Delta R.T. 0.002 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

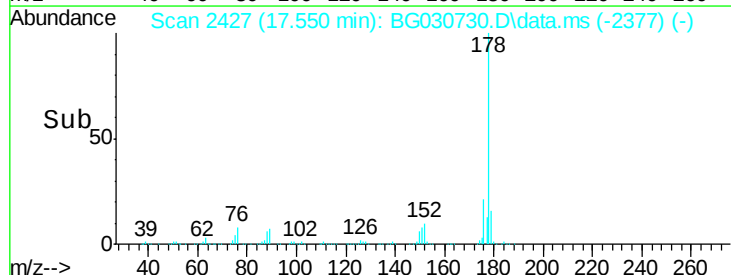
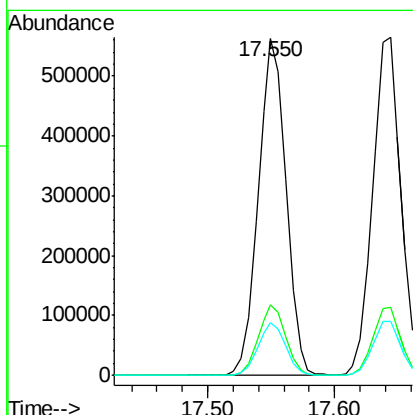
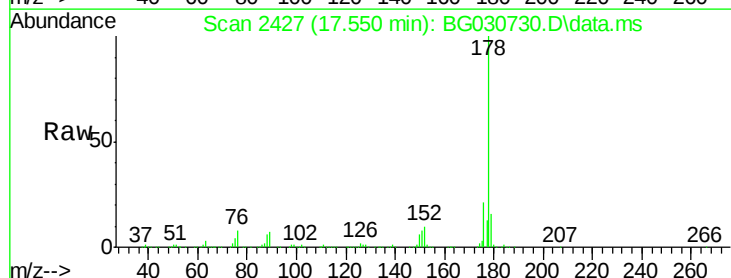
Instrument :
 BNA_G
 ClientSampleId :
 PB103961BS

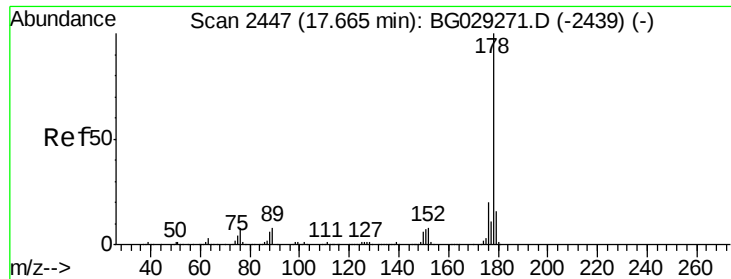
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	65.0	49.6	74.4



#70
 Phenanthrene
 Concen: 36.51 ng
 RT: 17.550 min Scan# 2427
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.7	23.5
179	15.8	12.5	18.7

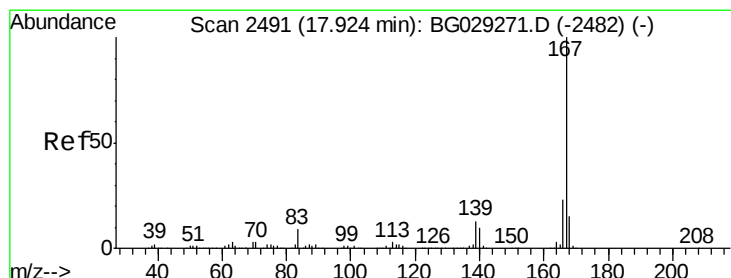
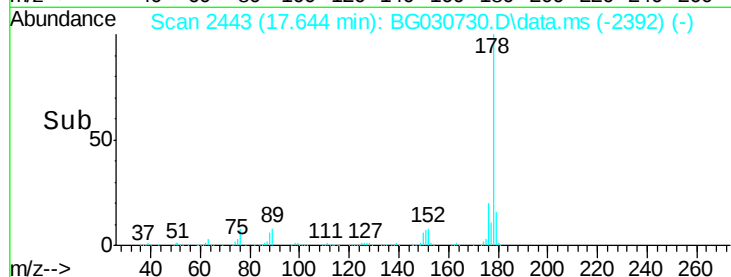
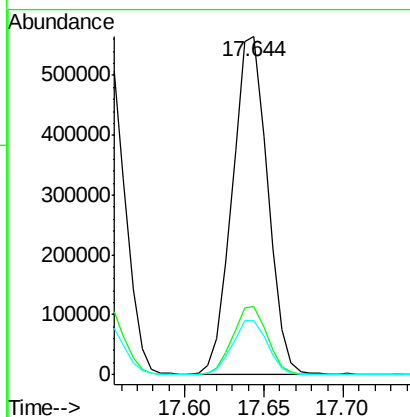
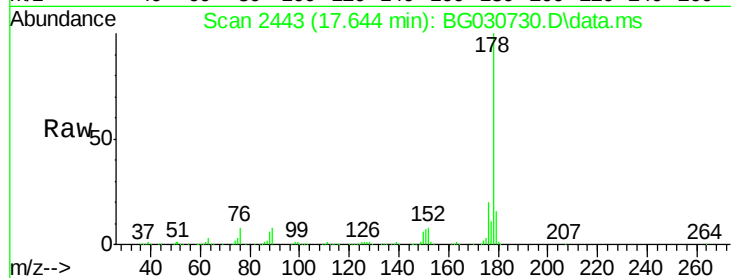




#71
 Anthracene
 Concen: 36.92 ng
 RT: 17.644 min Scan# 2447
 Delta R.T. 0.002 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

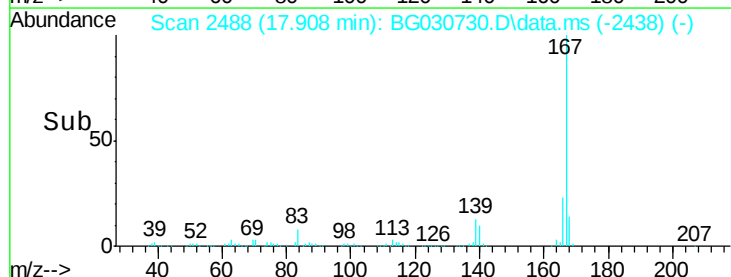
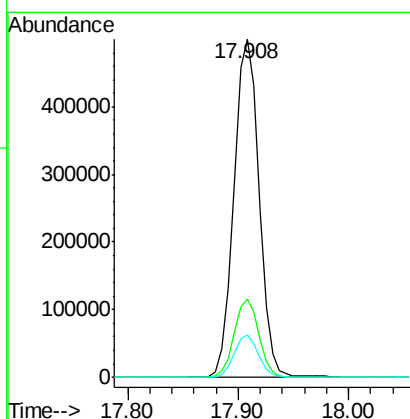
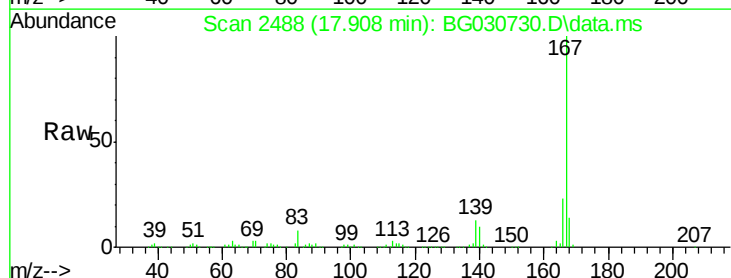
Instrument :
 BNA_G
 ClientSampleId :
 PB103961BS

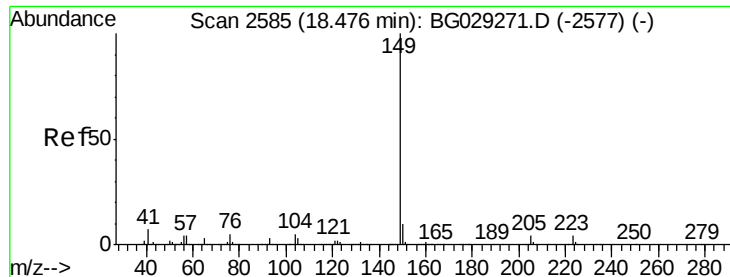
Tot Ion:178 Resp: 868462
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 35.45 ng
 RT: 17.908 min Scan# 2488
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

Tgt Ion:167 Resp: 801019
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 12.6 9.4 14.2

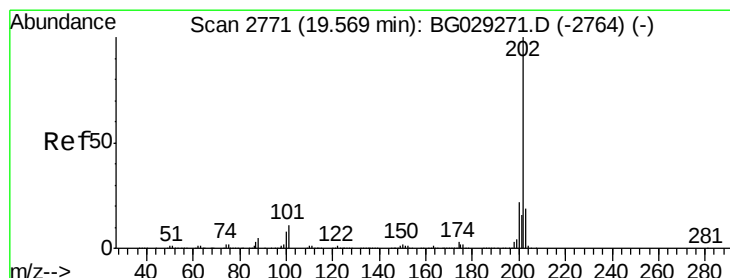
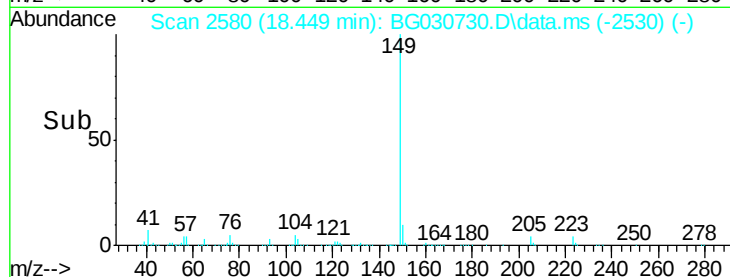
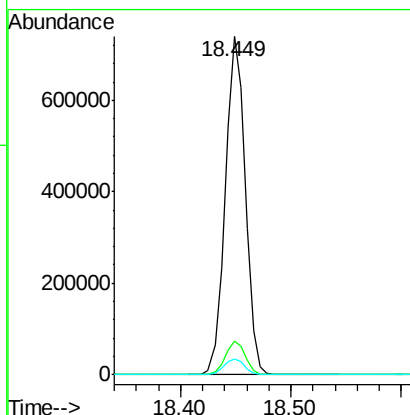
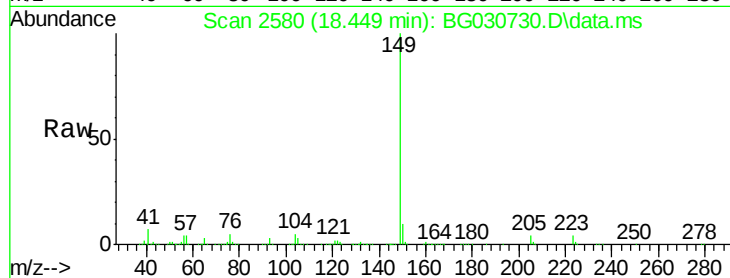




#73
Di-n-butylphthalate
Concen: 36.09 ng
RT: 18.449 min Scan# 257
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

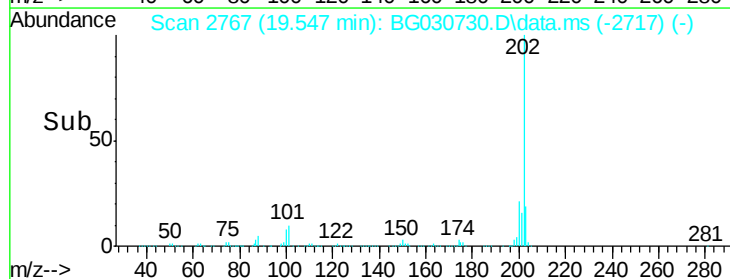
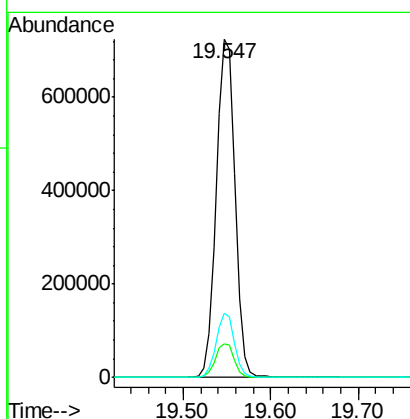
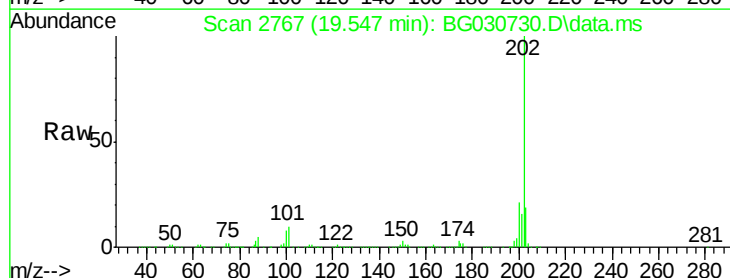
Instrument :
BNA_G
ClientSampleId :
PB103961BS

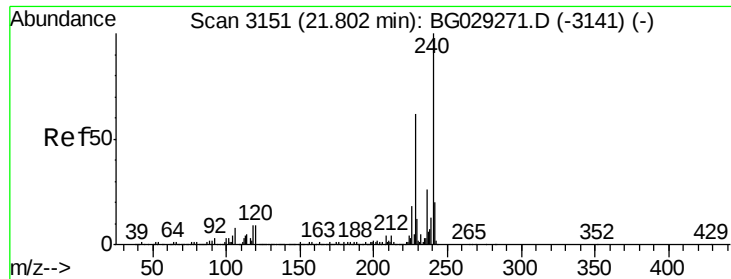
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	4.6	3.9	5.9



#74
Fluoranthene
Concen: 39.34 ng
RT: 19.547 min Scan# 2767
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	28.9
203	19.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.780 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

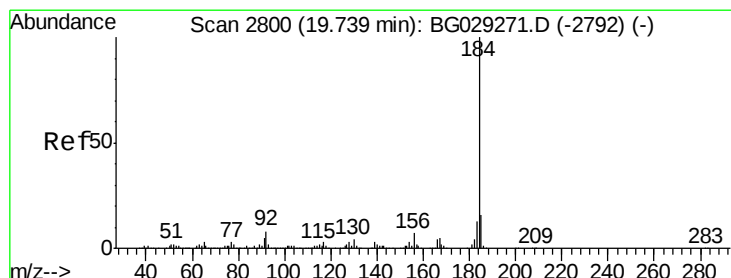
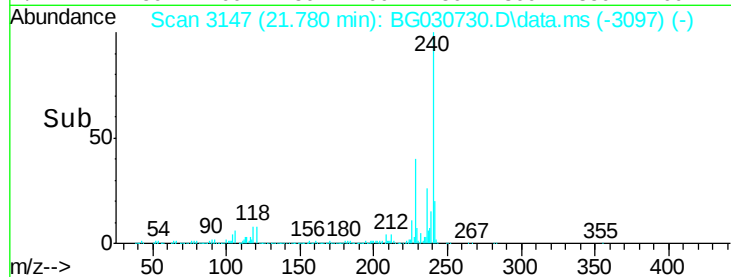
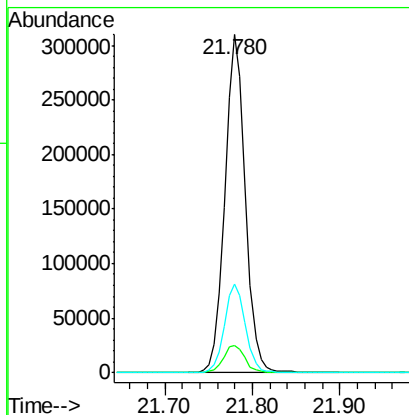
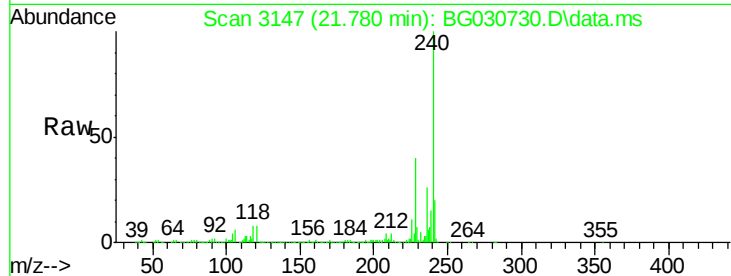
Tot Ion:240 Resp: 496361

Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

236 26.2 20.9 31.3



#76

Benzidine

Concen: 20.60 ng

RT: 19.724 min Scan# 2797

Delta R.T. 0.002 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

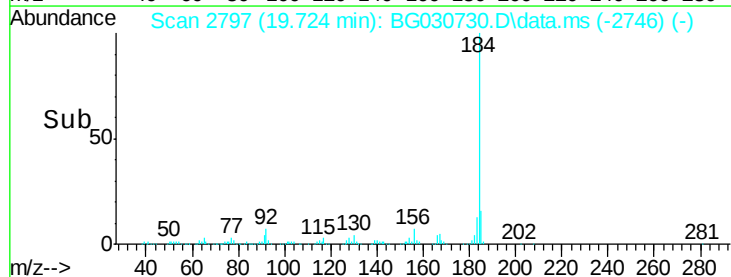
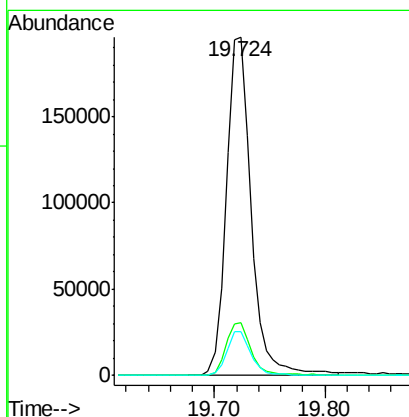
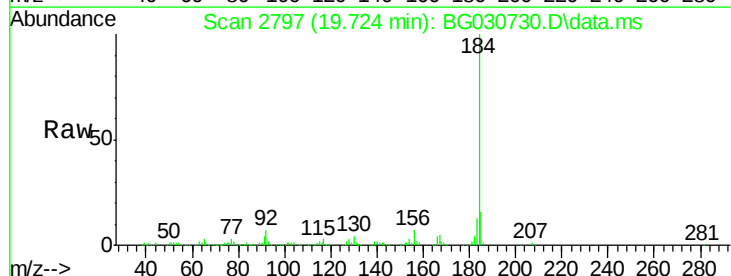
Tgt Ion:184 Resp: 308740

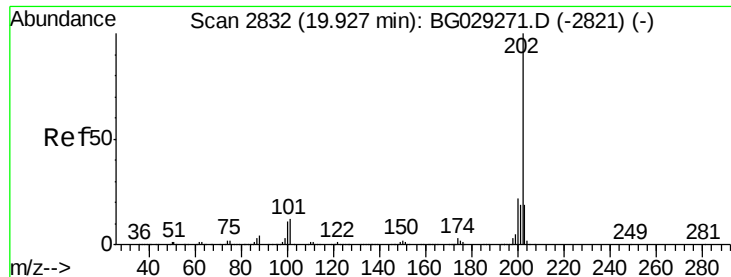
Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

183 13.1 10.6 16.0

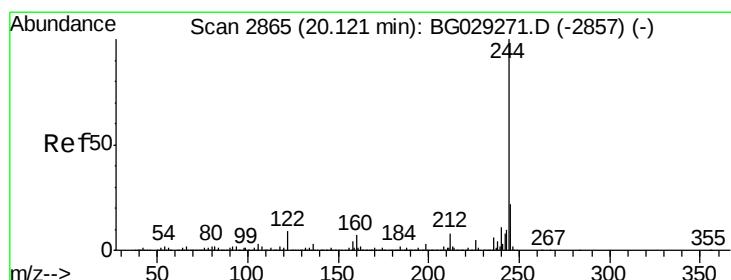
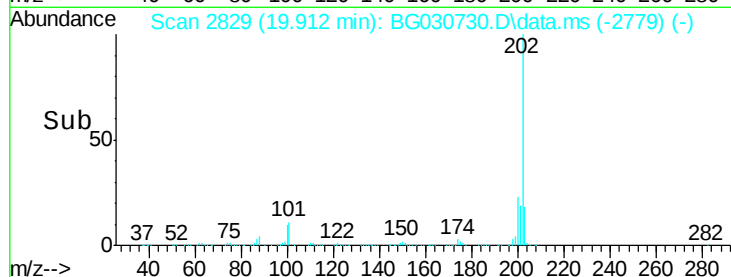
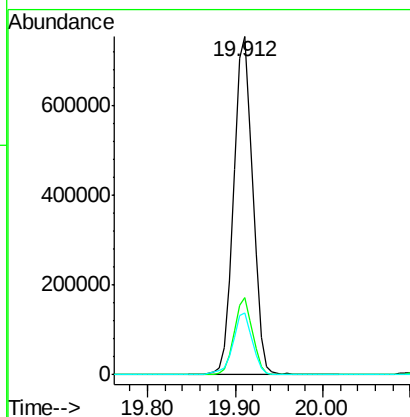
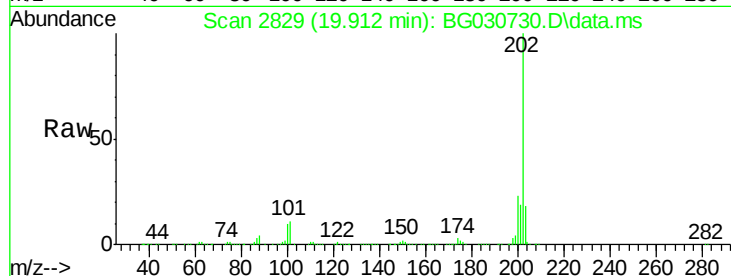




#77
Pvrene
Concen: 36.76 ng
RT: 19.912 min Scan# 28
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

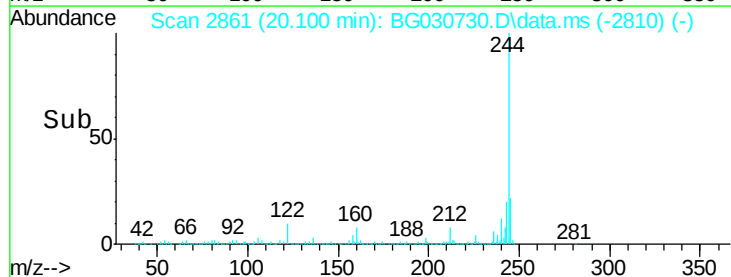
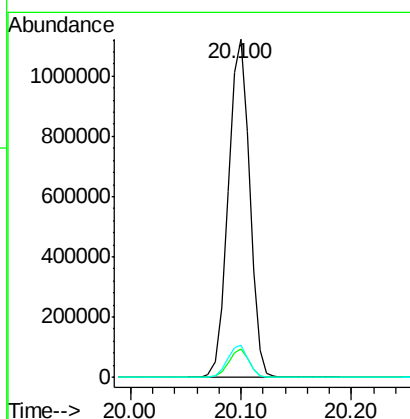
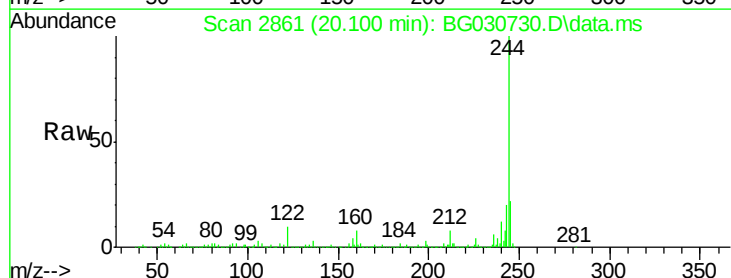
Instrument :
BNA_G
ClientSampleId :
PB103961BS

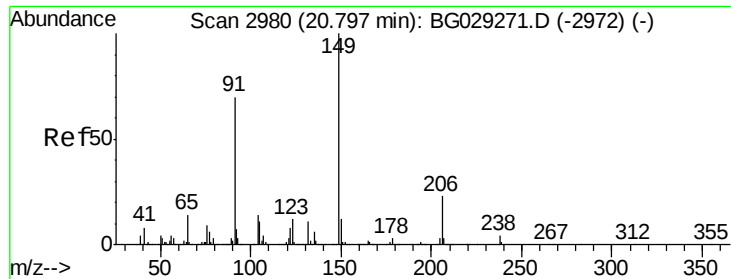
Tot Ion:202 Resp: 1106982
Ion Ratio Lower Upper
202 100
200 22.6 16.9 25.3
203 18.2 13.9 20.9



#78
Terphenyl-d14
Concen: 70.06 ng
RT: 20.100 min Scan# 2861
Delta R.T. 0.002 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

Tgt Ion:244 Resp: 1528689
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.8
122 9.5 7.0 10.4

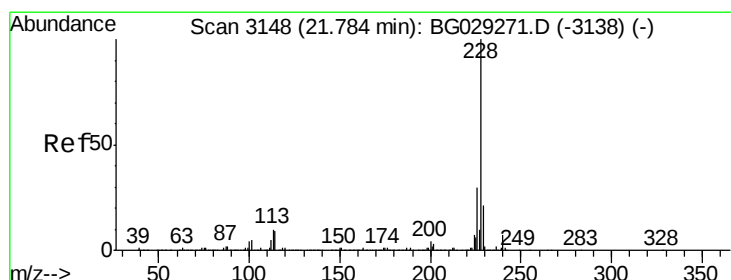
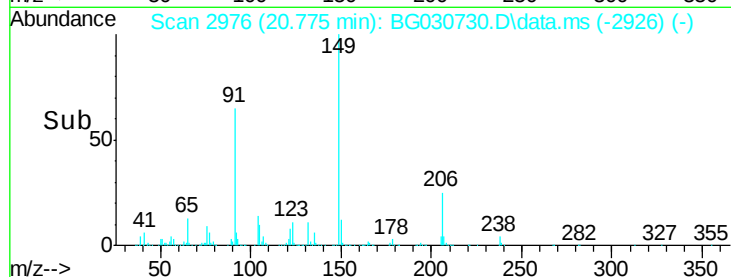
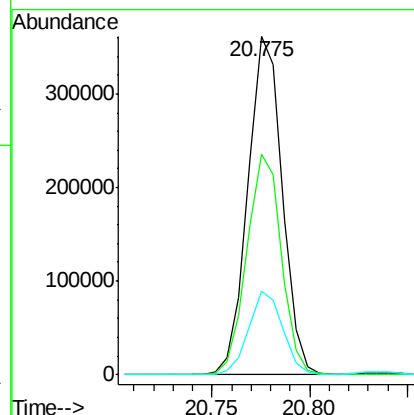
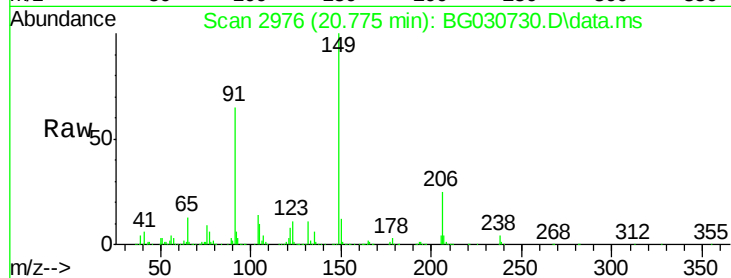




#79
Butylbenzylphthalate
Concen: 34.37 ng
RT: 20.775 min Scan# 29
Delta R.T. -0.004 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

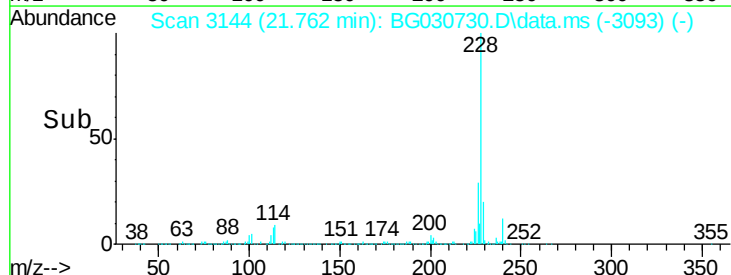
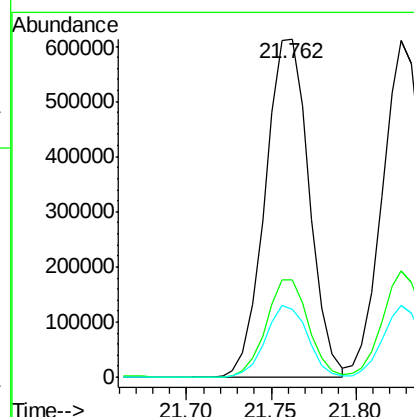
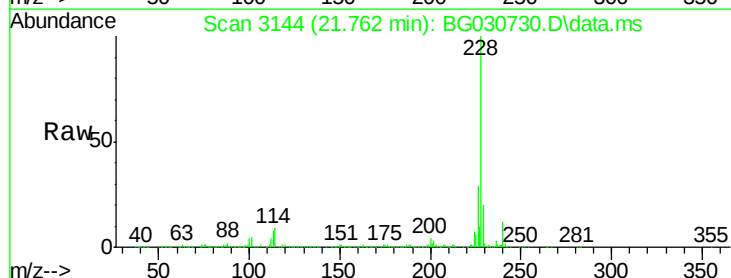
Instrument :
BNA_G
ClientSampleId :
PB103961BS

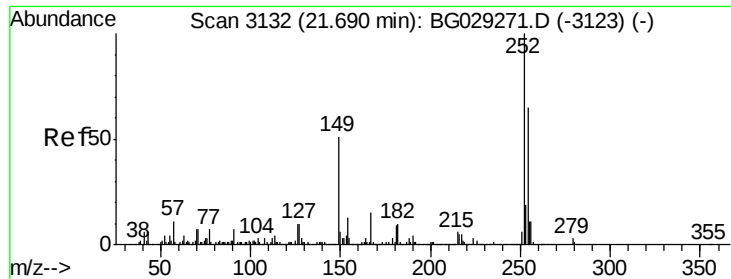
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.1	62.2	93.2
206	24.8	18.6	27.8



#80
Benzo(a)anthracene
Concen: 38.00 ng
RT: 21.762 min Scan# 3144
Delta R.T. 0.002 min
Lab File: BG030730.D
Acq: 4 Nov 2017 11:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	20.3	16.2	24.2

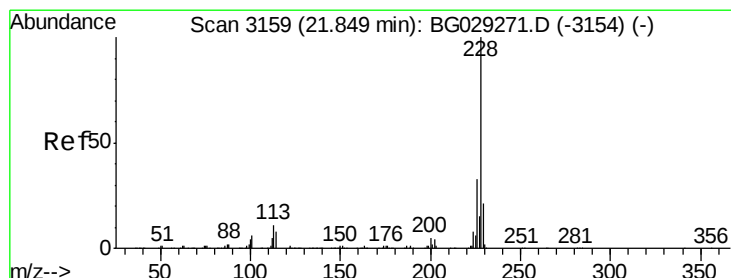
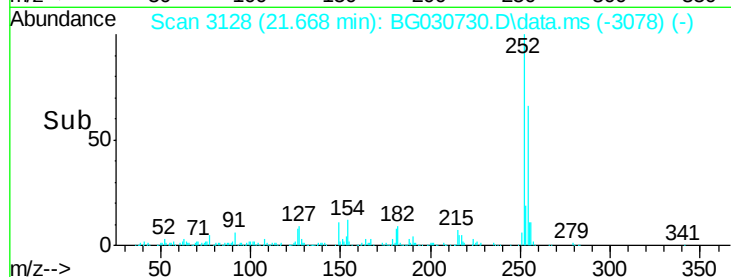
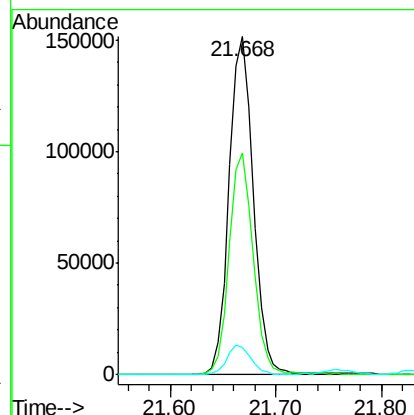
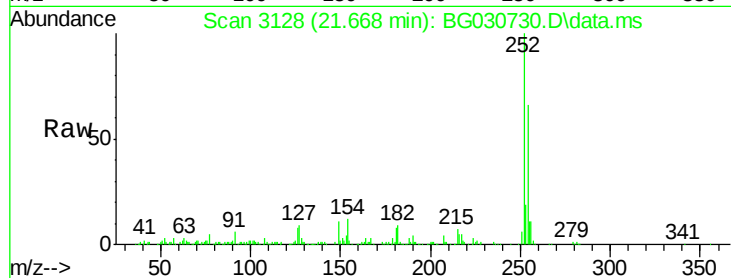




#81
 3,3'-Dichlorobenzidine
 Concen: 20.01 ng
 RT: 21.668 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

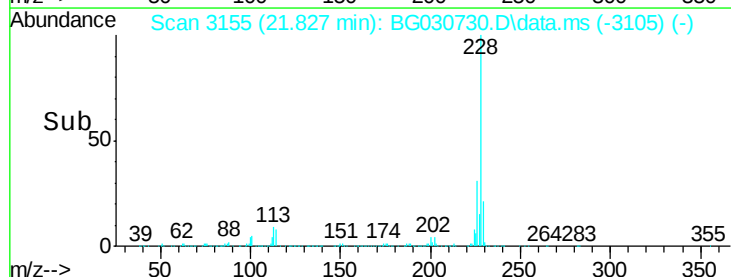
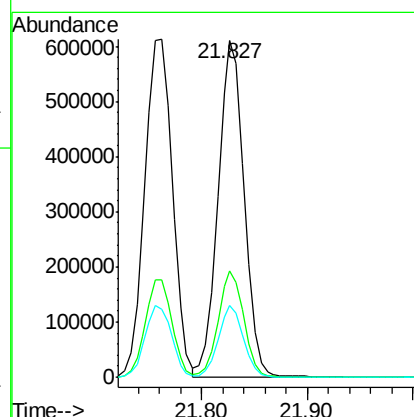
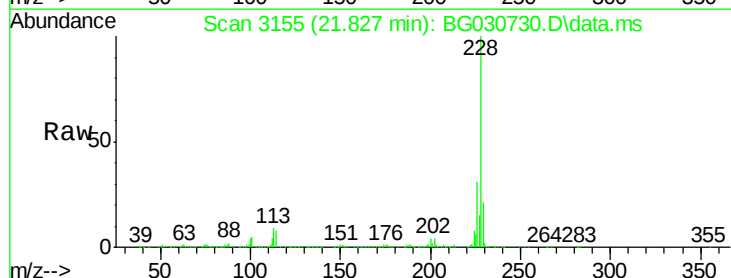
Instrument :
 BNA_G
 ClientSampleId :
 PB103961BS

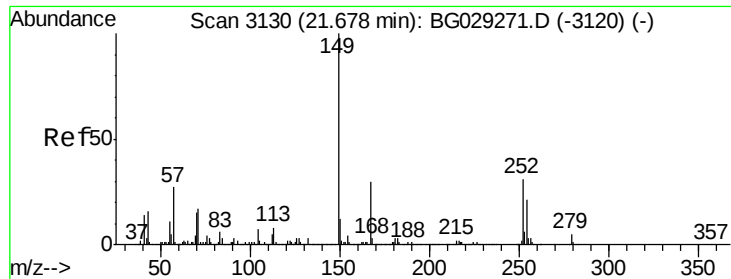
Tot Ion:252 Resp: 240721
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.8 76.2
 126 7.9 7.4 11.2



#82
 Chrysene
 Concen: 37.54 ng
 RT: 21.827 min Scan# 3155
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

Tgt Ion:228 Resp: 1047776
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 21.2 15.0 22.4

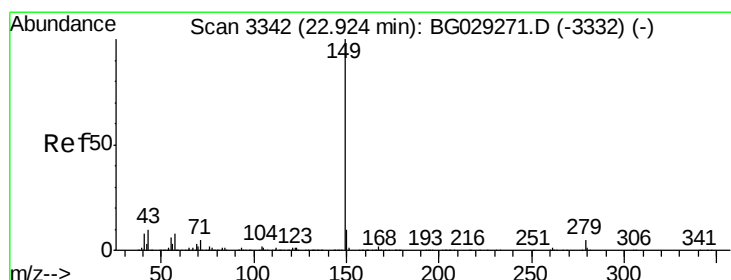
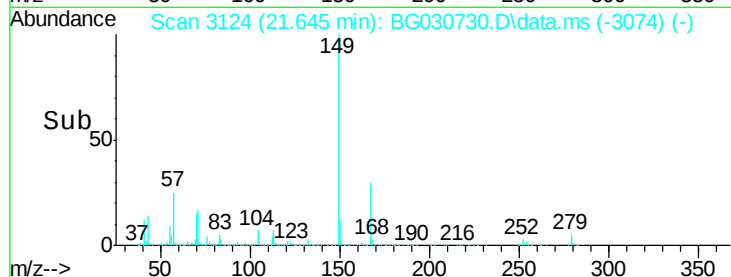
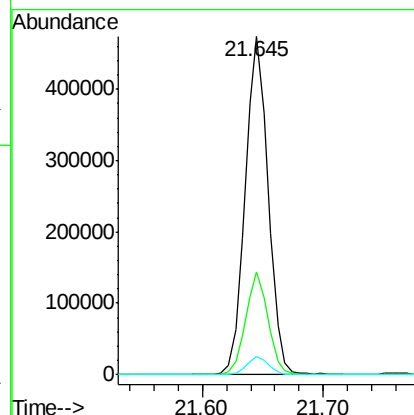
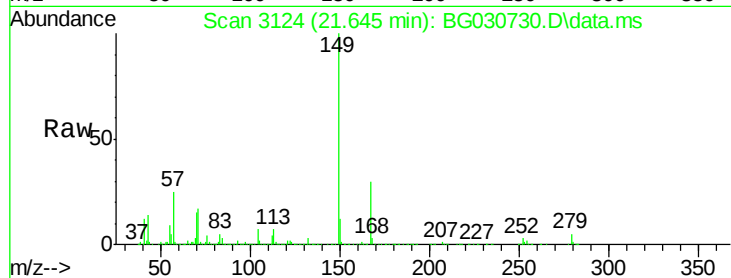




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.18 ng
 RT: 21.645 min Scan# 3130
 Delta R.T. -0.004 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

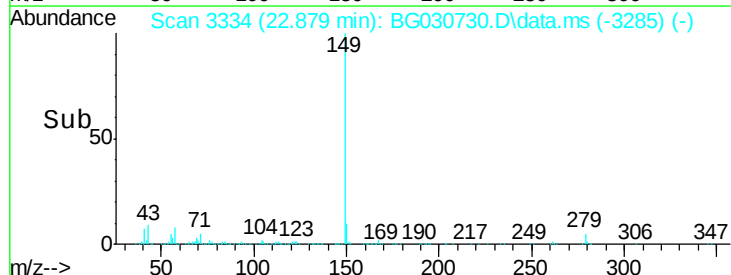
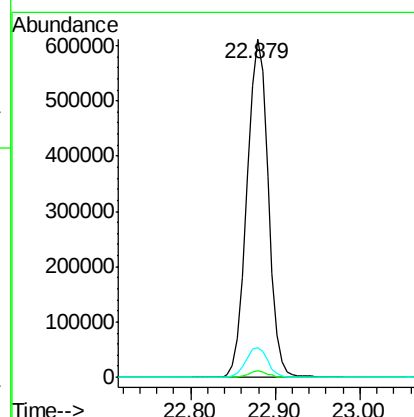
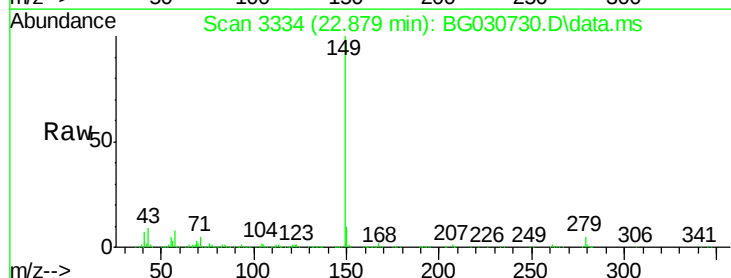
Instrument :
 BNA_G
 ClientSampleId :
 PB103961BS

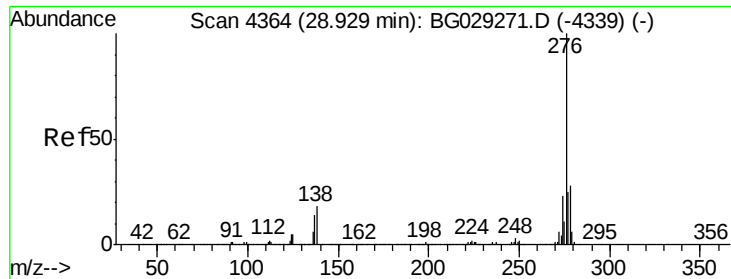
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.3	36.5
279	5.2	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 33.15 ng
 RT: 22.879 min Scan# 3334
 Delta R.T. -0.010 min
 Lab File: BG030730.D
 Acq: 4 Nov 2017 11:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.0	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.54 ng

RT: 28.872 min Scan# 43

Delta R.T. -0.016 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

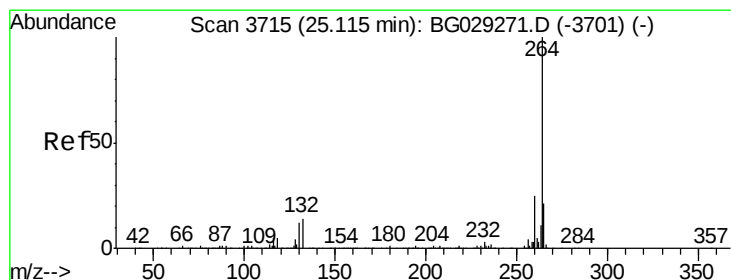
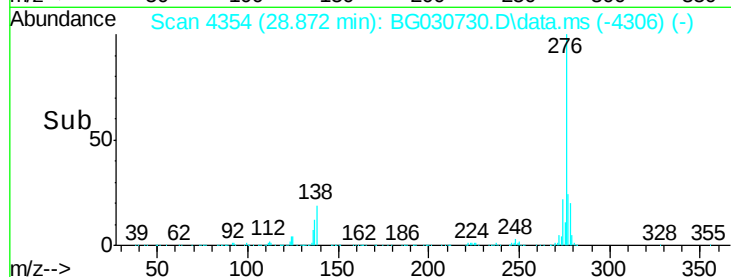
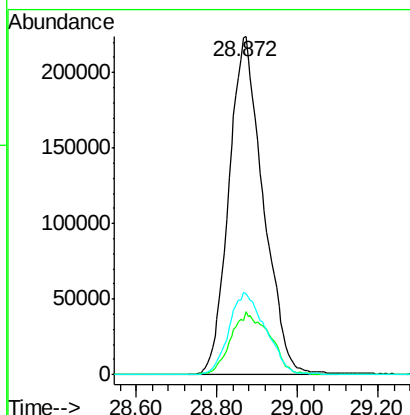
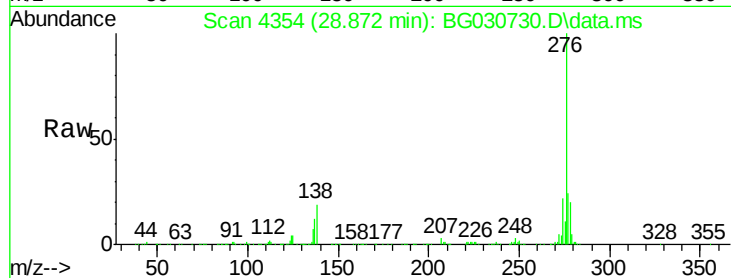
Tot Ion:276 Resp: 1323242

Ion Ratio Lower Upper

276 100

138 20.9 16.0 24.0

277 25.8 20.0 30.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.082 min Scan# 3709

Delta R.T. -0.010 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

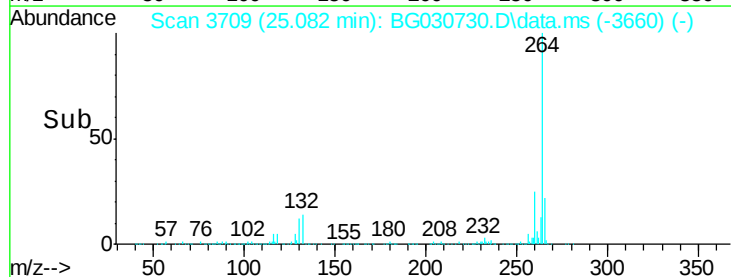
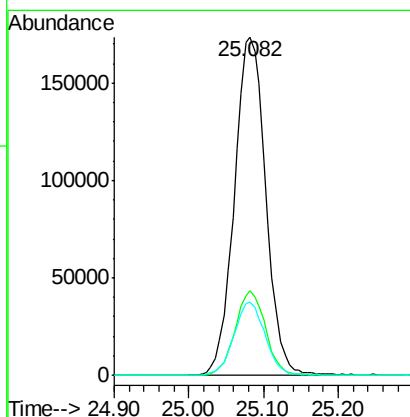
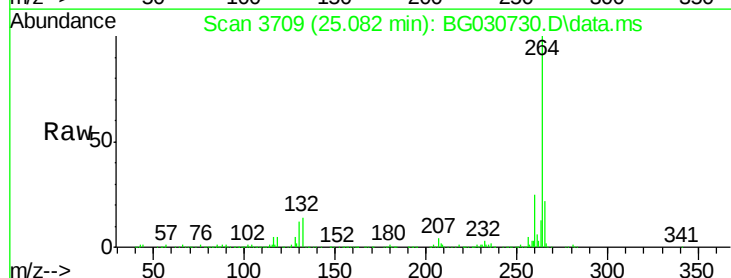
Tgt Ion:264 Resp: 505385

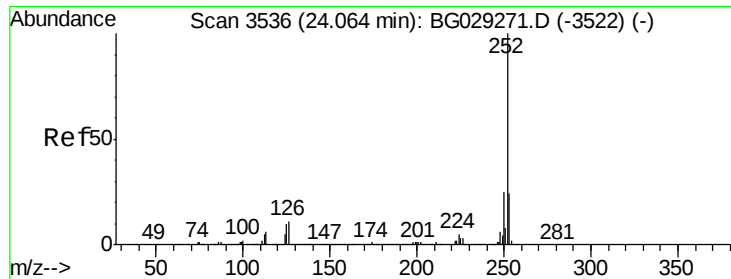
Ion Ratio Lower Upper

264 100

260 25.2 17.4 26.0

265 21.8 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 38.71 ng

RT: 24.030 min Scan# 3536

Delta R.T. -0.010 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

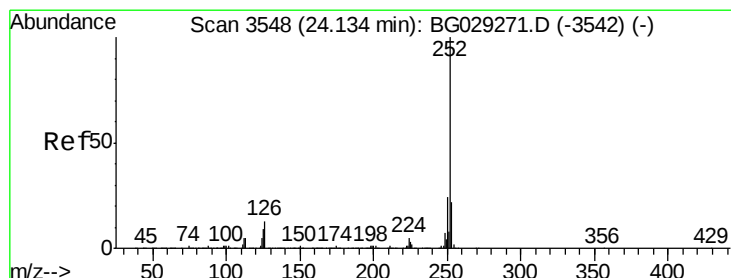
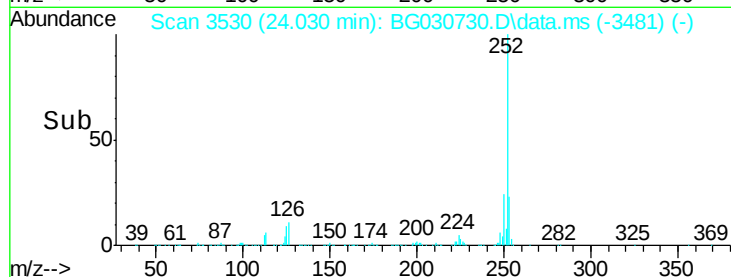
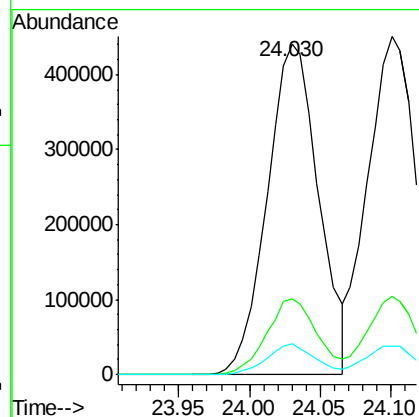
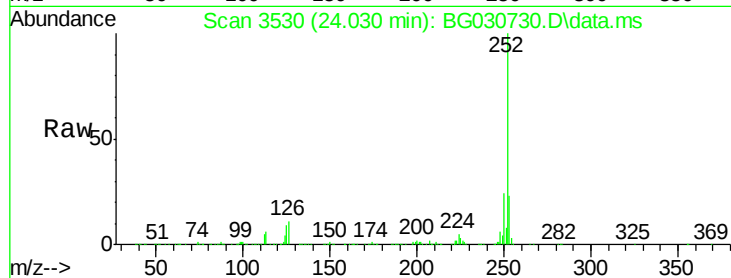
Tot Ion:252 Resp: 1120066

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

125 9.3 7.2 10.8



#88

Benzo(k)fluoranthene

Concen: 38.03 ng

RT: 24.101 min Scan# 3542

Delta R.T. -0.010 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

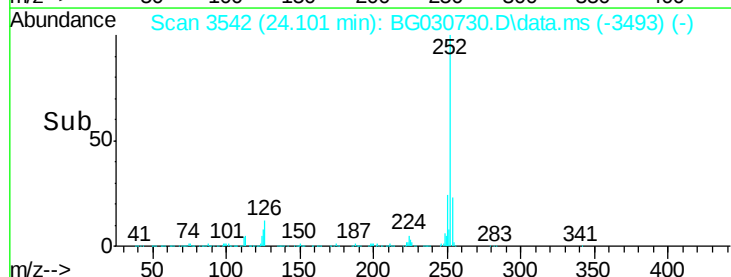
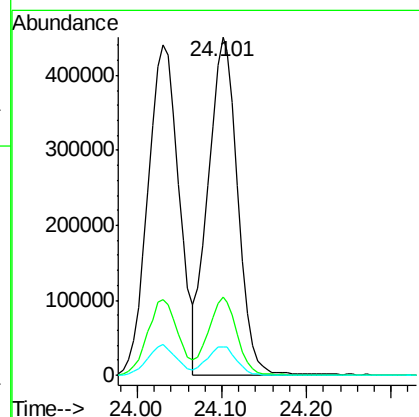
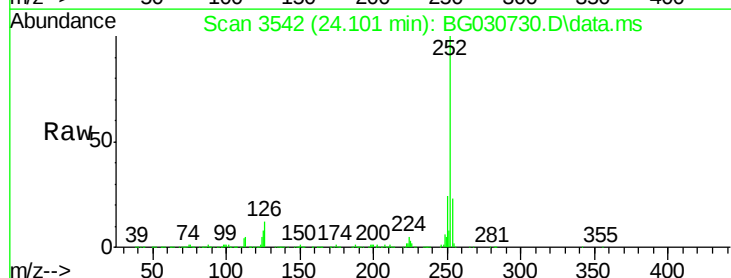
Tgt Ion:252 Resp: 1096274

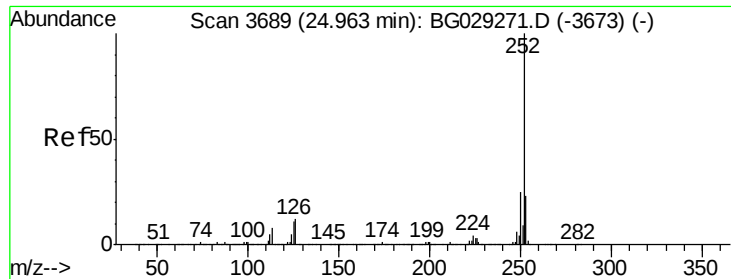
Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 8.3 6.6 9.8





#89

Benzo(a)pyrene

Concen: 39.15 ng

RT: 24.929 min Scan# 36

Delta R.T. -0.004 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

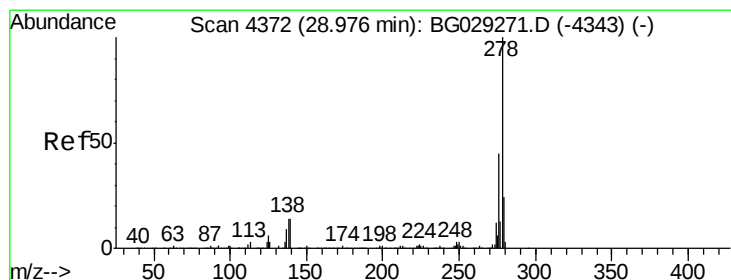
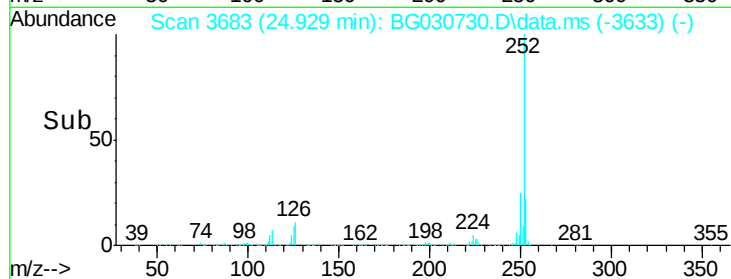
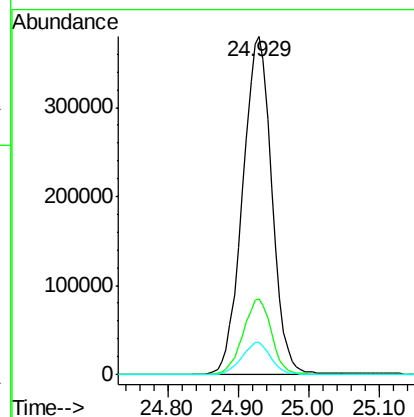
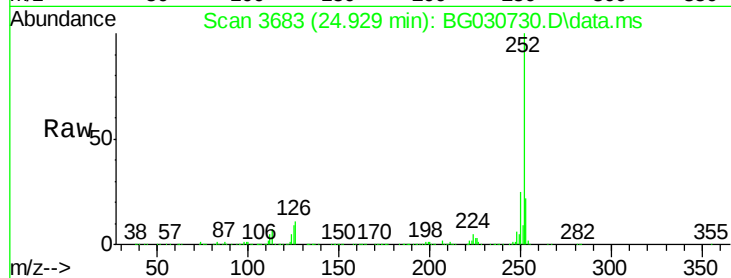
Tot Ion:252 Resp: 1089098

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

125 9.5 7.3 10.9



#90

Dibenzo(a,h)anthracene

Concen: 39.10 ng

RT: 28.925 min Scan# 4363

Delta R.T. -0.016 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

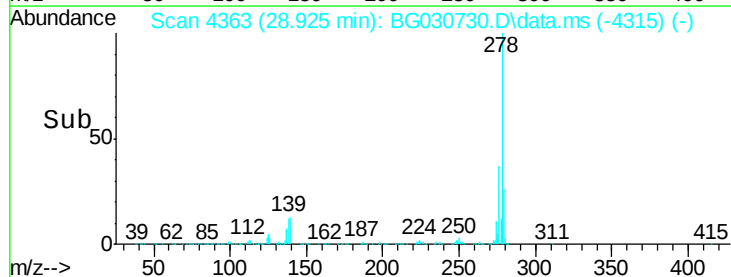
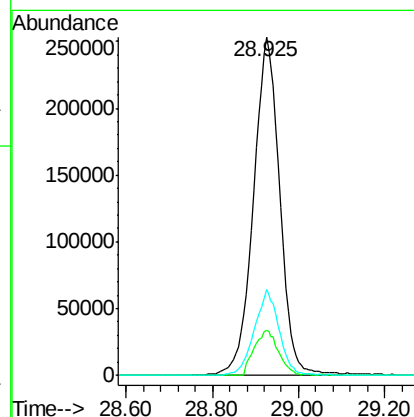
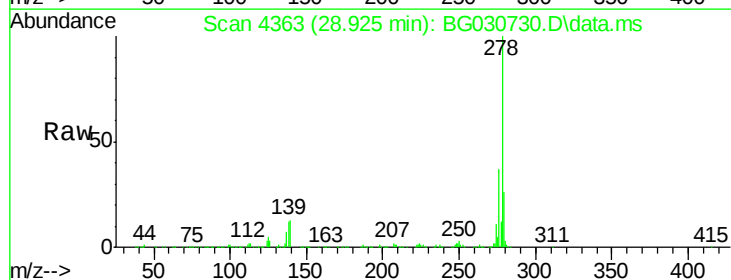
Tgt Ion:278 Resp: 1101207

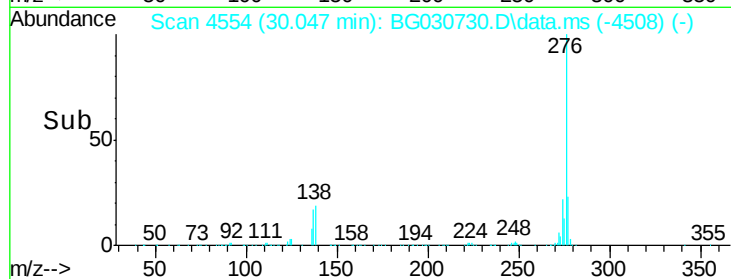
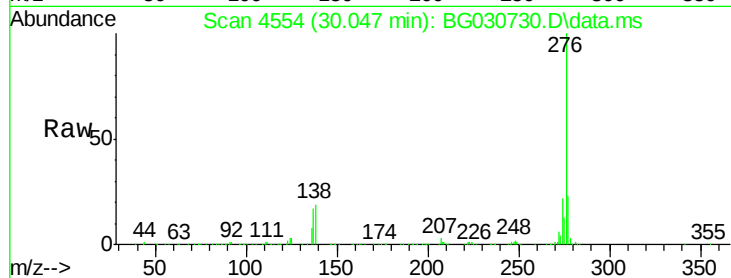
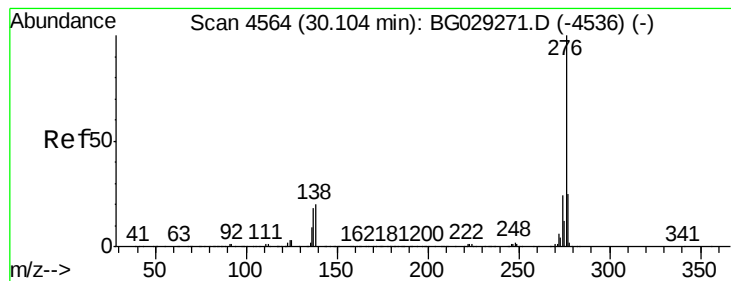
Ion Ratio Lower Upper

278 100

139 13.1 9.8 14.6

279 25.5 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 41.86 ng

RT: 30.047 min Scan# 45

Delta R.T. -0.027 min

Lab File: BG030730.D

Acq: 4 Nov 2017 11:07

Instrument :

BNA_G

ClientSampleId :

PB103961BS

Tot Ion:276 Resp: 1095257

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 19.2 13.9 20.9

