

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013017\
 Data File : BG025707.D
 Acq On : 30 Jan 2017 16:31
 Operator : SJ/MA
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 17:08:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 16:05:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	64807	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	275312	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	216634	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	508260	20.00	ng	0.00
75) Chrysene-d12	21.84	240	666889	20.00	ng	0.00
86) Perylene-d12	25.22	264	682758	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	448713	125.85	ng	0.00
7) Phenol-d6	7.33	99	664042	132.24	ng	0.00
23) Nitrobenzene-d5	9.36	82	805563	129.26	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	370927	106.35	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1521857	113.73	ng	0.00
78) Terphenyl-d14	20.13	244	3036588	120.73	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	105864	69.59	ng	92
3) Pyridine	3.96	79	291464	66.09	ng	97
4) n-Nitrosodimethylamine	3.87	42	166635	63.66	ng	# 99
6) Aniline	7.49	93	462799	68.02	ng	98
8) 2-Chlorophenol	7.73	128	250154	62.20	ng	92
9) Benzaldehyde	7.31	77	278637	75.84	ng	99
10) Phenol	7.35	94	361767	64.99	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	293130	68.34	ng	93
12) 1,3-Dichlorobenzene	8.05	146	303474	62.35	ng	96
13) 1,4-Dichlorobenzene	8.20	146	314596	62.37	ng	98
14) 1,2-Dichlorobenzene	8.52	146	297395	61.78	ng	98
15) Benzyl Alcohol	8.42	79	297284	62.01	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.68	45	575366	72.44	ng	98
17) 2-Methylphenol	8.62	107	244227	66.81	ng	99
18) Hexachloroethane	9.24	117	127735	65.94	ng	89
19) n-Nitroso-di-n-propylamine	8.97	70	286386	67.52	ng	96
20) 3+4-Methylphenols	8.95	107	350465	69.27	ng	97
22) Acetophenone	9.00	105	459749	60.10	ng	# 96
24) Nitrobenzene	9.40	77	433663	63.44	ng	96
25) Isophorone	9.91	82	767608	68.03	ng	97
26) 2-Nitrophenol	10.11	139	162865	62.30	ng	93
27) 2,4-Dimethylphenol	10.16	122	269072	62.60	ng	100
28) bis(2-Chloroethoxy)methane	10.38	93	424675	72.47	ng	# 98
29) 2,4-Dichlorophenol	10.65	162	287793	62.57	ng	99
30) 1,2,4-Trichlorobenzene	10.85	180	325176	58.52	ng	96
31) Naphthalene	11.05	128	871723	63.41	ng	99
32) Benzoic acid	10.33	122	178156	51.54	ng	98
33) 4-Chloroaniline	11.17	127	362802	62.74	ng	# 93
34) Hexachlorobutadiene	11.30	225	250232	55.17	ng	95
35) Caprolactam	11.95	113	117432	67.95	ng	94
36) 4-Chloro-3-methylphenol	12.28	107	350641	61.76	ng	98
37) 2-Methylnaphthalene	12.64	142	669132	65.67	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	422583	59.08	ng	99
40) Hexachlorocyclopentadiene	12.96	237	155949	74.82	ng	98

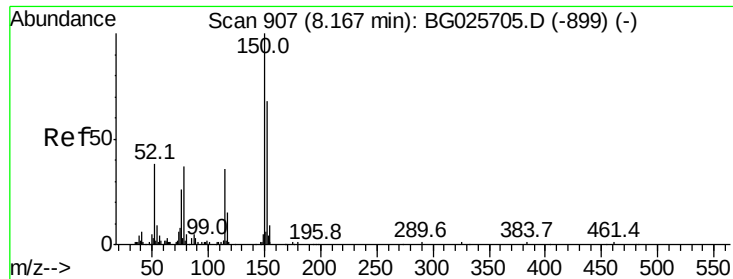
Data Path : Z:\HPCHEM1\BNA G\DATA\BG013017\
 Data File : BG025707.D
 Acq On : 30 Jan 2017 16:31
 Operator : SJ/MA
 Sample : SSTDICC060
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 16:05:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	259863	57.70	nq	97
43) 2,4,5-Trichlorophenol	13.33	196	280983	59.61	nq	97
45) 1,1'-Biphenyl	13.63	154	901911	61.90	nq	97
46) 2-Chloronaphthalene	13.69	162	705617	61.98	nq	98
47) 2-Nitroaniline	13.90	65	314216	65.39	nq	99
48) Acenaphthylene	14.53	152	1152925	65.34	nq	99
49) Dimethylphthalate	14.24	163	941896	59.64	nq	99
50) 2,6-Dinitrotoluene	14.39	165	216759	62.83	nq	100
51) Acenaphthene	14.87	154	715286	61.98	nq	99
52) 3-Nitroaniline	14.73	138	212607	64.10	nq	95
53) 2,4-Dinitrophenol	14.96	184	124579	62.94	nq	# 81
54) Dibenzofuran	15.20	168	1070842	58.70	nq	99
55) 4-Nitrophenol	15.06	139	154349	62.30	nq	93
56) 2,4-Dinitrotoluene	15.18	165	330336	65.76	nq	# 85
57) Fluorene	15.84	166	976462	63.93	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	265530	52.58	nq	98
59) Diethylphthalate	15.59	149	1007900	60.86	nq	95
60) 4-Chlorophenyl-phenylether	15.82	204	517410	59.77	nq	96
61) 4-Nitroaniline	15.90	138	213120	63.85	nq	97
62) Azobenzene	16.12	77	1042234	65.25	nq	98
64) 4,6-Dinitro-2-methylphenol	15.95	198	226758	64.42	nq	90
65) n-Nitrosodiphenylamine	16.04	169	859941	62.60	nq	98
66) 4-Bromophenyl-phenylether	16.72	248	366777	58.49	nq	96
67) Hexachlorobenzene	16.85	284	405841	56.40	nq	93
68) Atrazine	16.98	200	421353	70.00	nq	97
69) Pentachlorophenol	17.20	266	196164	52.59	nq	95
70) Phenanthrene	17.59	178	1621100	61.90	nq	97
71) Anthracene	17.68	178	1678876	63.09	nq	100
72) Carbazole	17.96	167	1645674	69.13	nq	98
73) Di-n-butylphthalate	18.47	149	1828902	62.45	nq	98
74) Fluoranthene	19.59	202	2135797	61.74	nq	99
76) Benzidine	19.77	184	1412357	84.90	nq	97
77) Pyrene	19.96	202	2208976	63.38	nq	99
79) Butylbenzylphthalate	20.80	149	926008	66.17	nq	98
80) Benzo(a)anthracene	21.82	228	2284698	61.42	nq	100
81) 3,3'-Dichlorobenzidine	21.72	252	925208	64.04	nq	99
82) Chrysene	21.89	228	2174088	60.95	nq	100
83) Bis(2-ethylhexyl)phthalate	21.65	149	1281586	65.81	nq	98
84) Di-n-octyl phthalate	22.90	149	2122333	65.64	nq	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	2762080	60.91	nq	# 97
87) Benzo(b)fluoranthene	24.14	252	2341793	62.86	nq	99
88) Benzo(k)fluoranthene	24.21	252	2261324	62.86	nq	97
89) Benzo(a)pyrene	25.06	252	2257026	62.73	nq	98
90) Dibenzo(a,h)anthracene	29.17	278	2359820	61.88	nq	99
91) Benzo(g,h,i)perylene	30.35	276	2333963	61.59	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

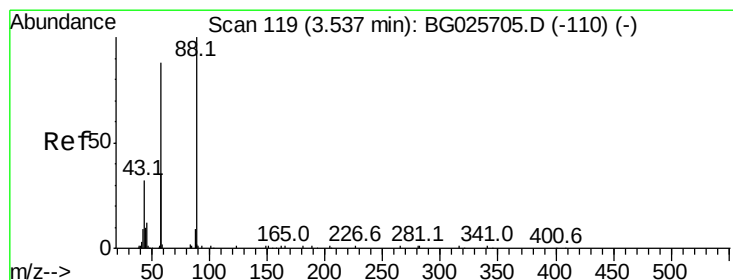
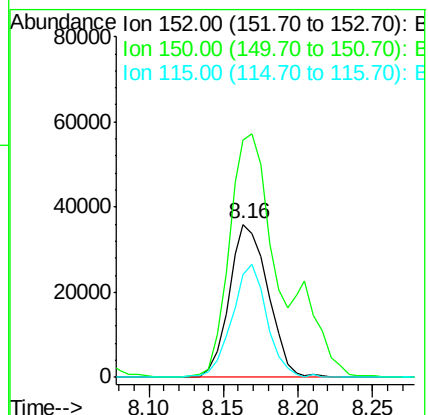
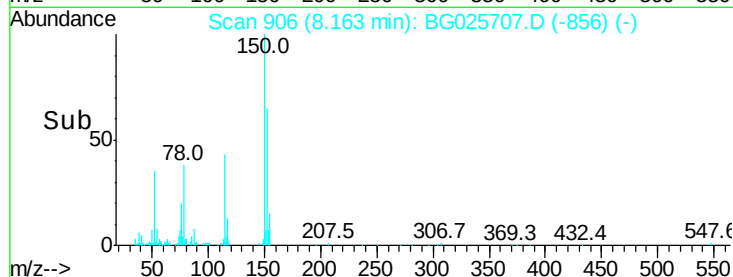
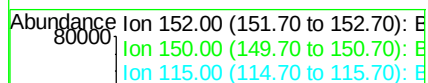
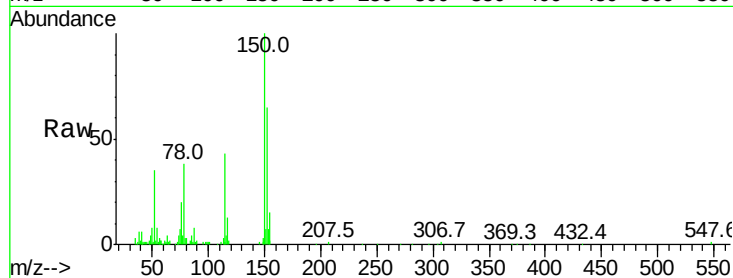
Instrument :

BNA_G

ClientSampled :

Tot Ion:152 Resp: 64807

Ion	Ratio	Lower	Upper
152	100		
150	154.9	114.0	171.0
115	66.8	48.1	72.1



#2

1,4-Dioxane

Concen: 69.59 ng

RT: 3.54 min Scan# 119

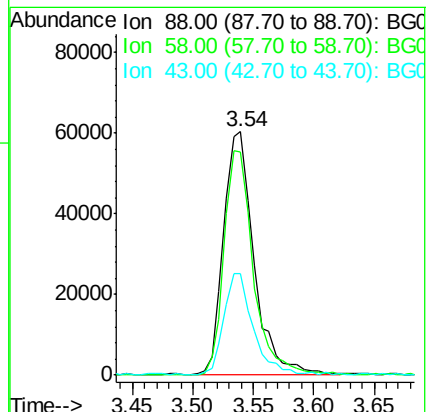
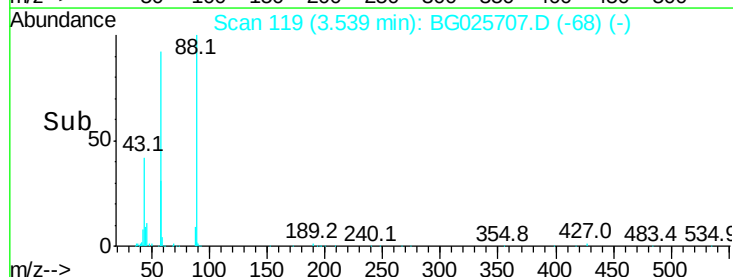
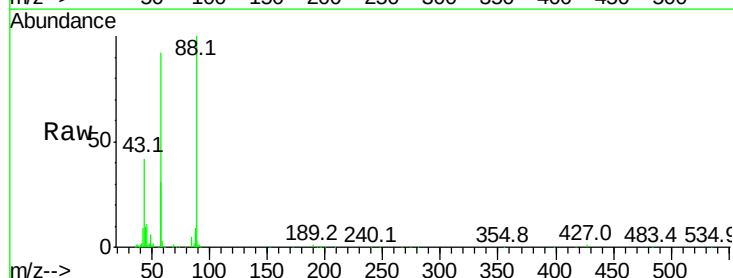
Delta R.T. 0.00 min

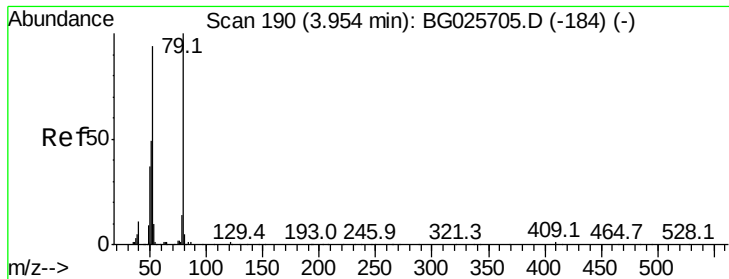
Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Tgt Ion: 88 Resp: 105864

Ion	Ratio	Lower	Upper
88	100		
58	88.8	79.4	119.2
43	40.4	33.8	50.6





#3

Pvridine

Concen: 66.09 ng

RT: 3.96 min Scan# 190

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampleId :

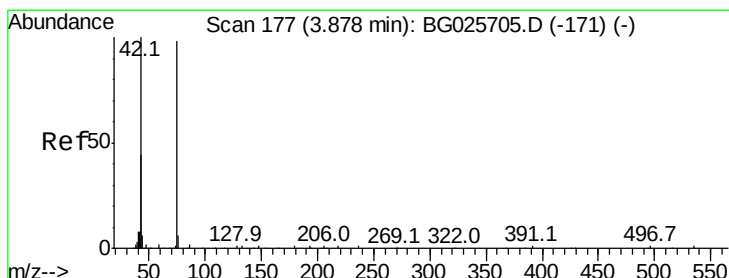
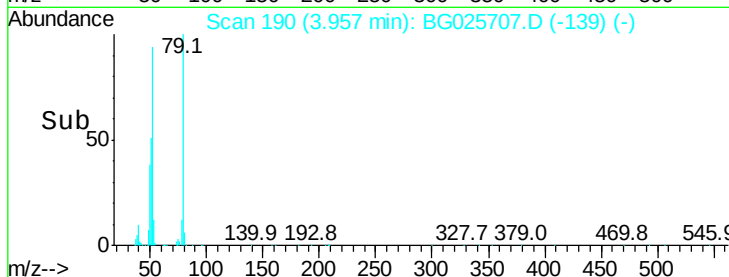
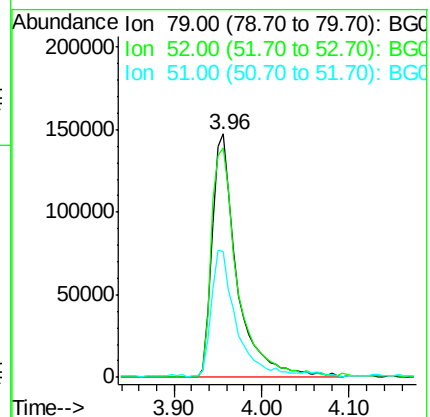
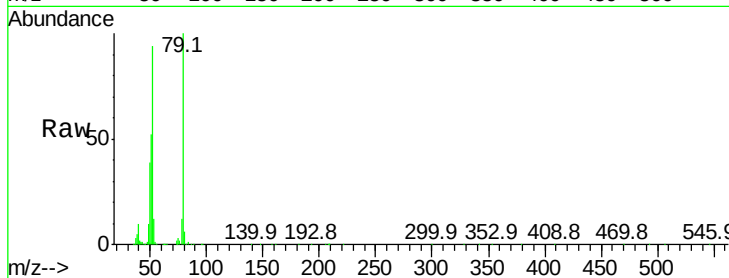
Tot Ion: 79 Resp: 291464

Ion Ratio Lower Upper

79 100

52 94.2 77.8 116.6

51 51.8 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 63.66 ng

RT: 3.87 min Scan# 176

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

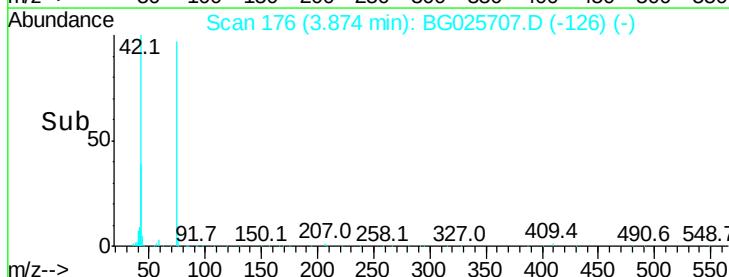
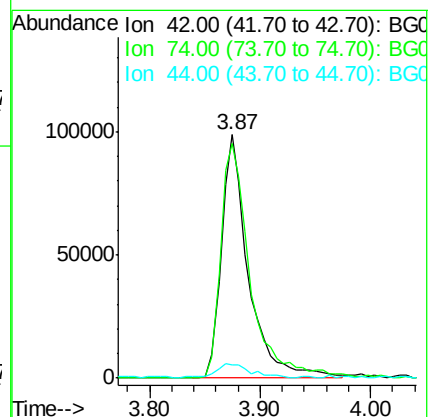
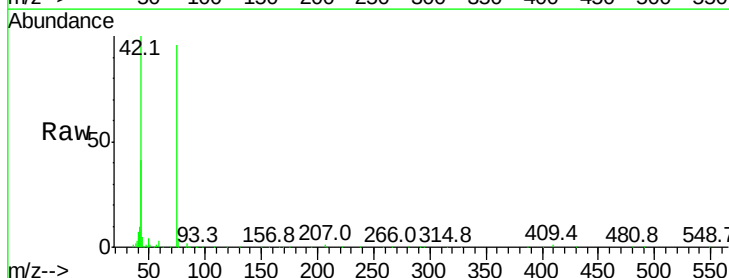
Tgt Ion: 42 Resp: 166635

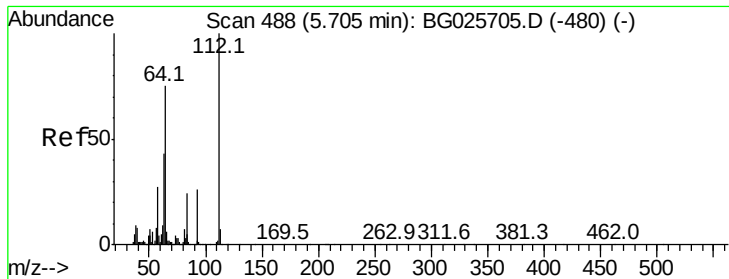
Ion Ratio Lower Upper

42 100

74 96.3 76.7 115.1

44 5.4 6.1 9.1#





#5

2-Fluorophenol

Concen: 125.85 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampleId :

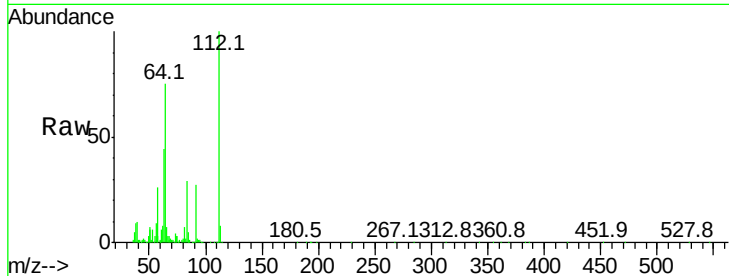
Tot Ion:112 Resp: 448713

Ion Ratio Lower Upper

112 100

64 75.3 61.8 92.6

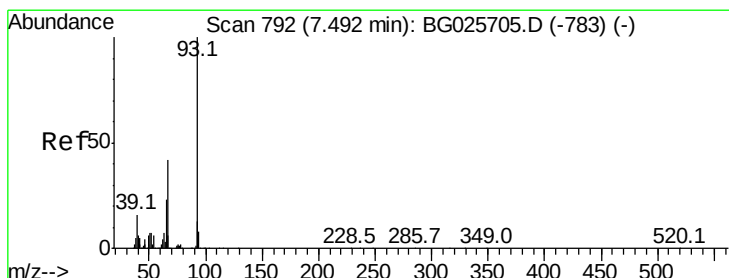
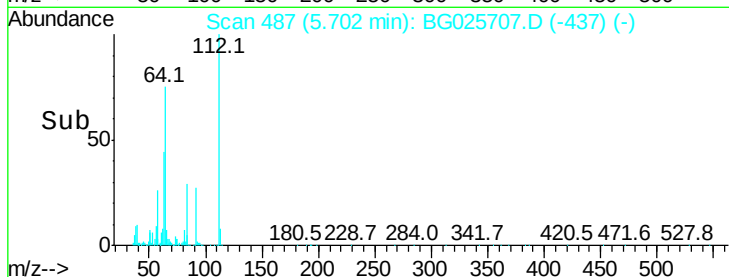
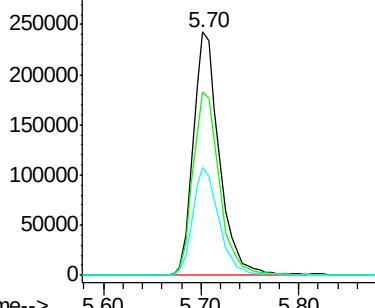
63 44.1 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 68.02 ng

RT: 7.49 min Scan# 791

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

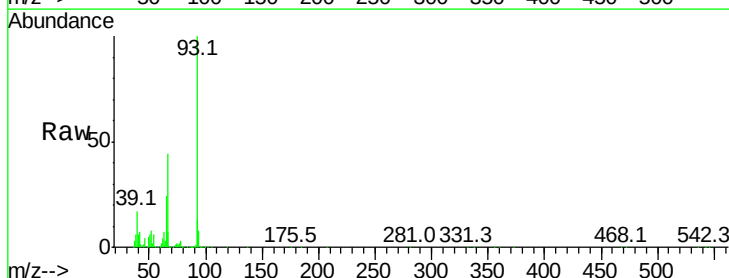
Tgt Ion: 93 Resp: 462799

Ion Ratio Lower Upper

93 100

66 44.1 35.4 53.2

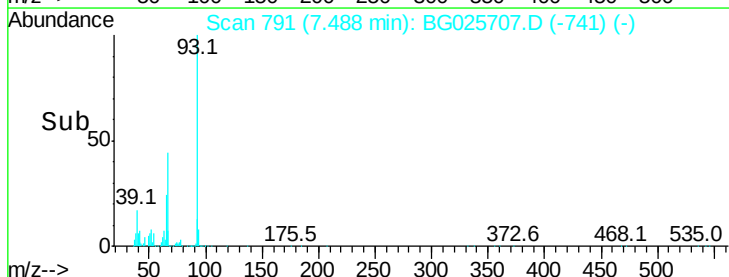
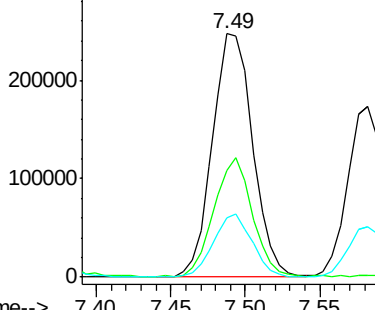
65 24.3 21.2 31.8

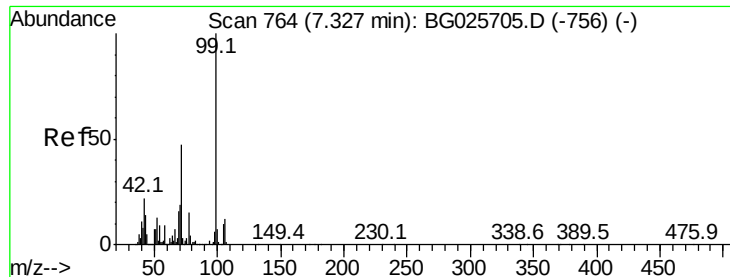


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.24 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampleId :

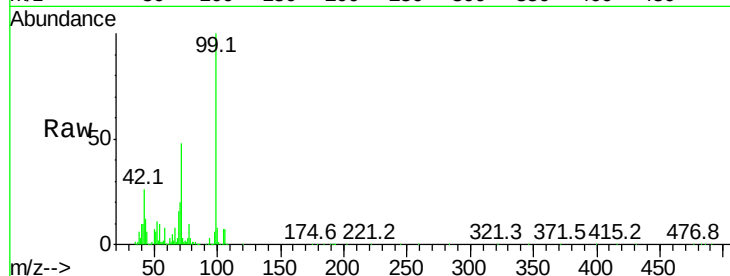
Tot Ion: 99 Resp: 664042

Ion	Ratio	Lower	Upper
99	100		
42	25.5	20.5	30.7
71	48.3	37.6	56.4

99 100

42 25.5 20.5 30.7

71 48.3 37.6 56.4

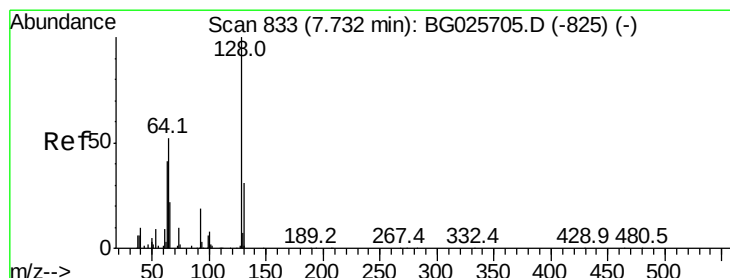
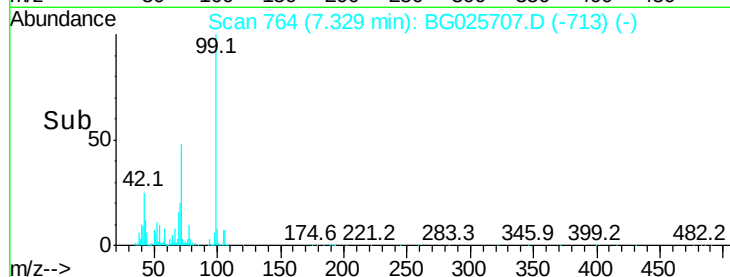
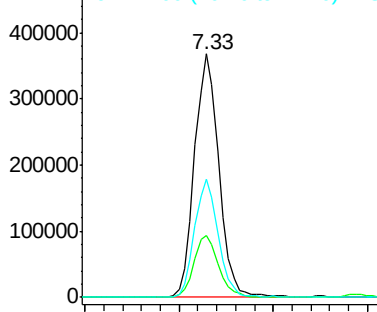


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 62.20 ng

RT: 7.73 min Scan# 832

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

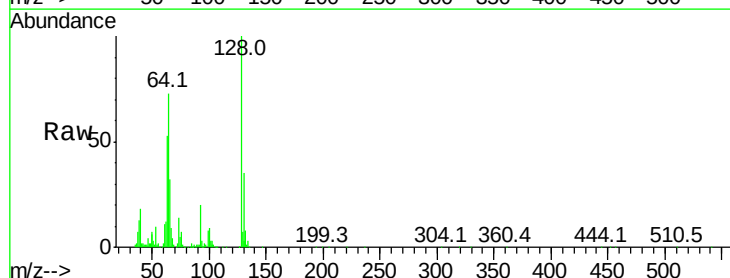
Tgt Ion: 128 Resp: 250154

Ion	Ratio	Lower	Upper
128	100		
130	34.7	11.4	51.4
64	73.3	46.6	86.6

128 100

130 34.7 11.4 51.4

64 73.3 46.6 86.6

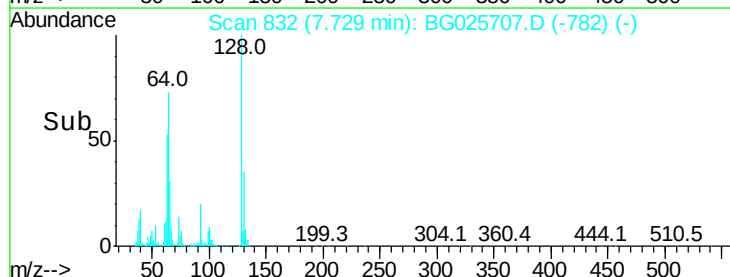
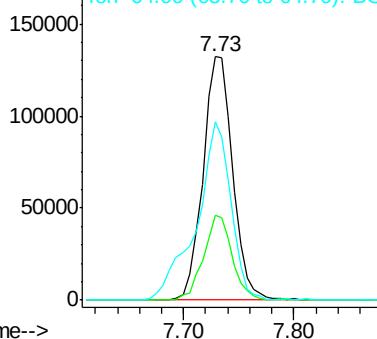


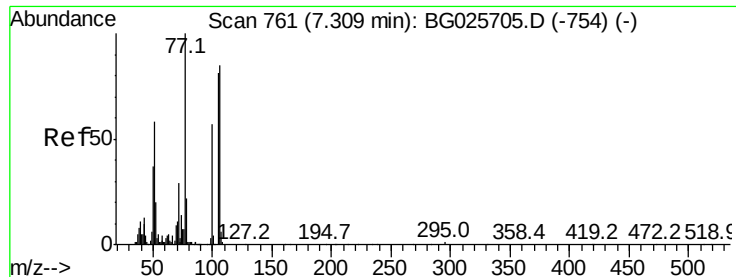
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 75.84 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampleId :

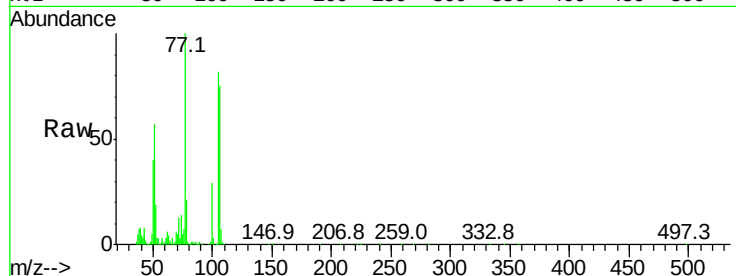
Tot Ion: 77 Resp: 278637

Ion	Ratio	Lower	Upper
77	100		
105	82.0	60.9	100.9
106	74.7	55.1	95.1

77 100

105 82.0 60.9 100.9

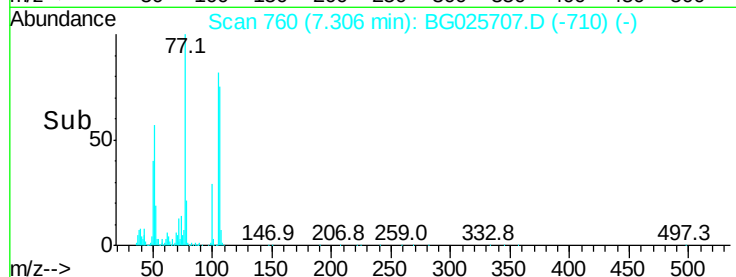
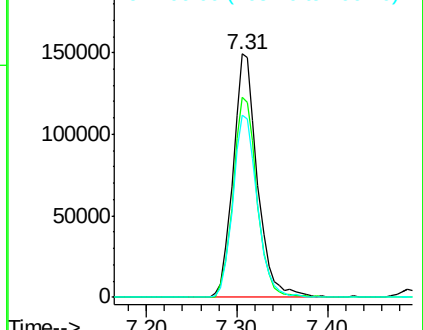
106 74.7 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 64.99 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

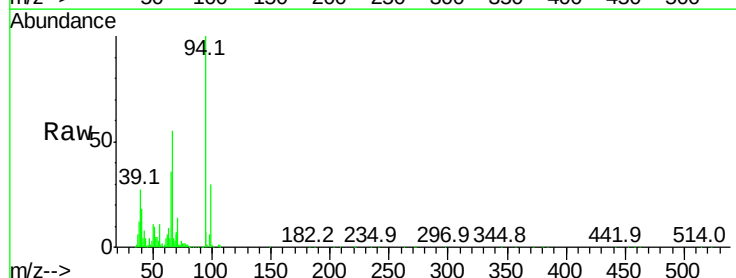
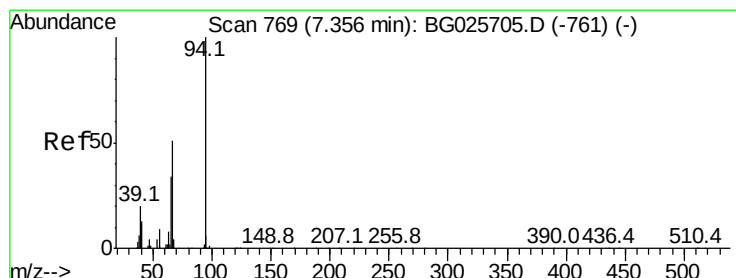
Tgt Ion: 94 Resp: 361767

Ion	Ratio	Lower	Upper
94	100		
65	36.0	20.6	60.6
66	54.9	35.5	75.5

94 100

65 36.0 20.6 60.6

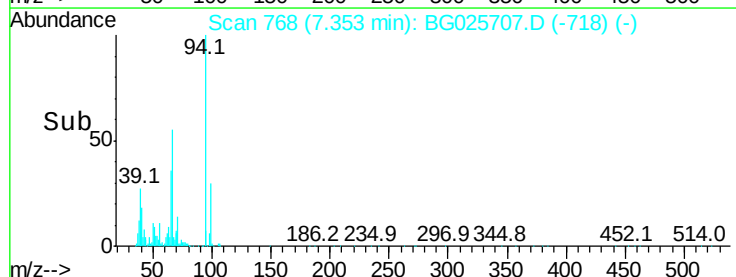
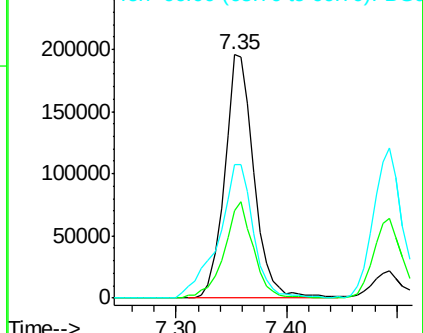
66 54.9 35.5 75.5

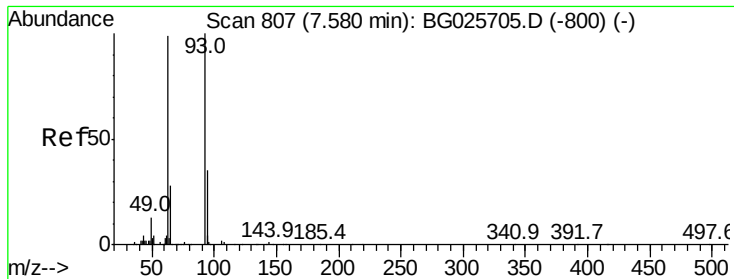


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 68.34 ng

RT: 7.58 min Scan# 807

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

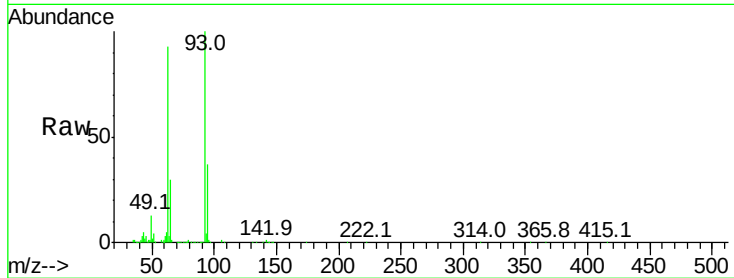
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 93 Resp: 293130

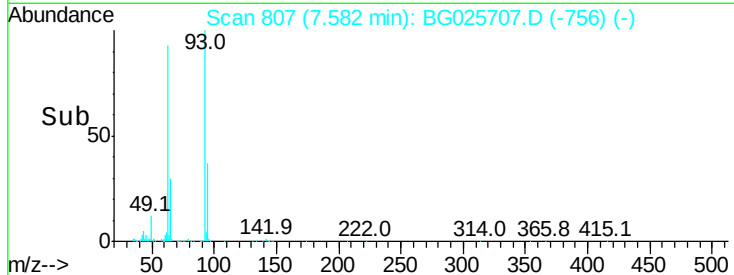
Ion	Ratio	Lower	Upper
93	100		
63	93.0	78.5	118.5
95	36.8	9.8	49.8



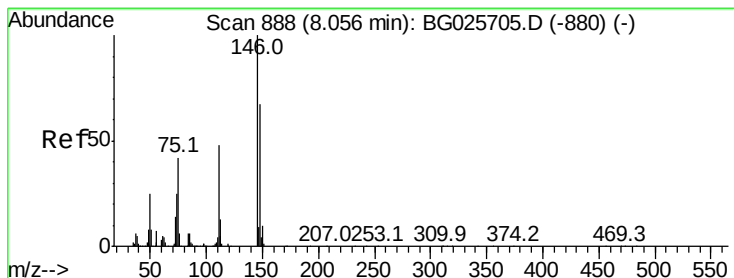
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



Time-->



#12

1,3-Dichlorobenzene

Concen: 62.35 ng

RT: 8.05 min Scan# 887

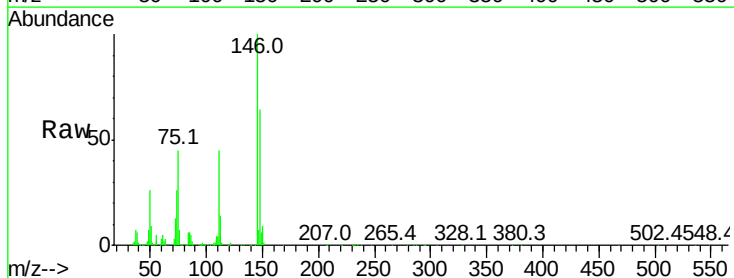
Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Tgt Ion: 146 Resp: 303474

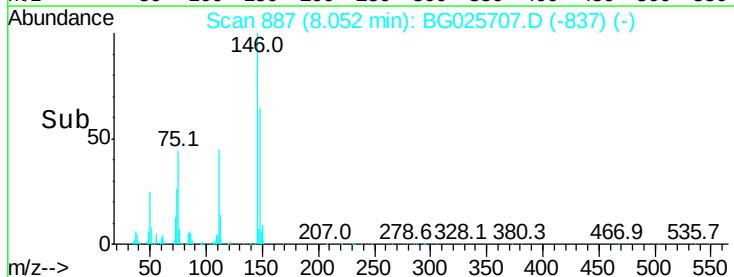
Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.2	73.8
75	44.7	33.4	50.2



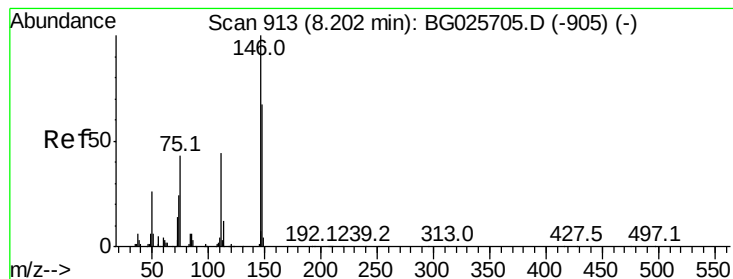
Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC



Time-->



#13

1,4-Dichlorobenzene

Concen: 62.37 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampled :

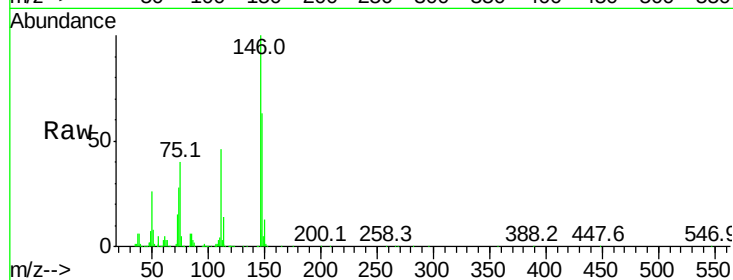
Tot Ion:146 Resp: 314596

Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.2

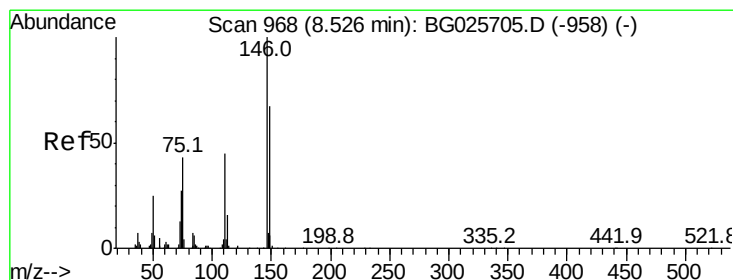
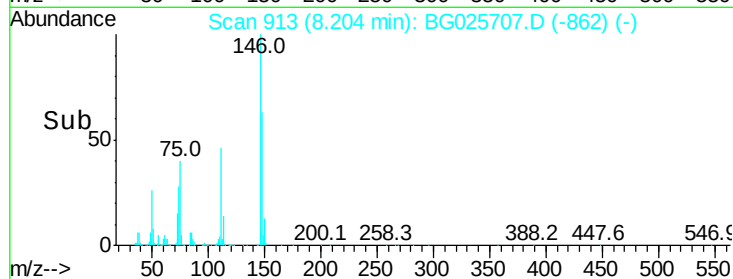
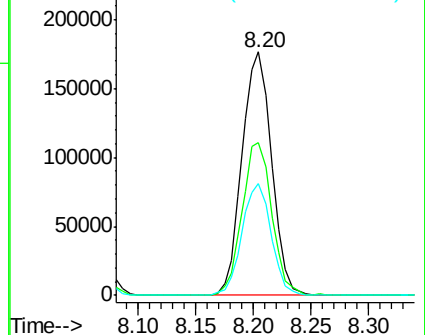
111 45.9 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 61.78 ng

RT: 8.52 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

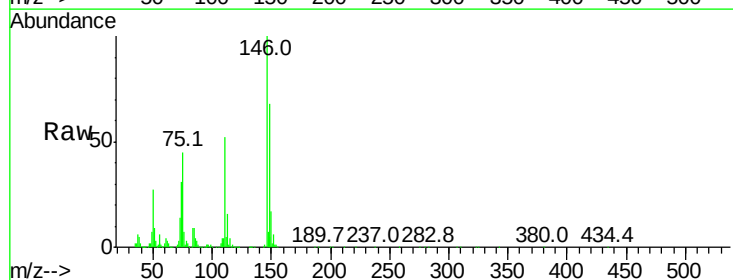
Tgt Ion:146 Resp: 297395

Ion Ratio Lower Upper

146 100

148 67.5 54.6 81.8

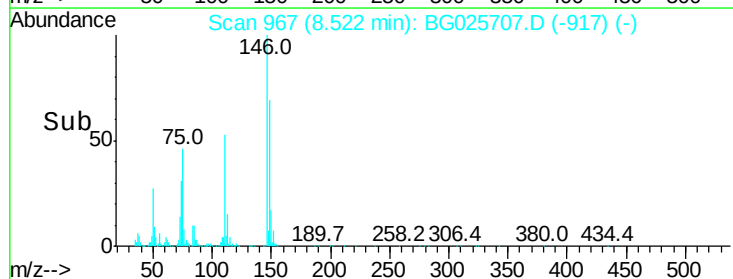
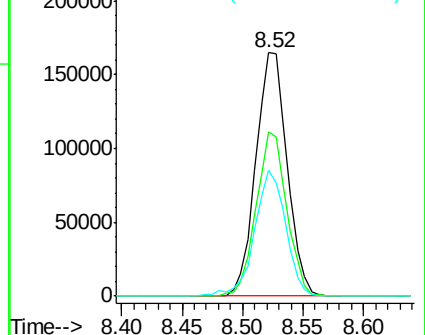
111 51.6 39.7 59.5

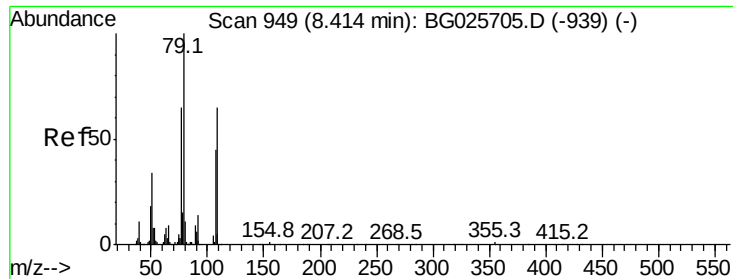


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 62.01 ng

RT: 8.42 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampled :

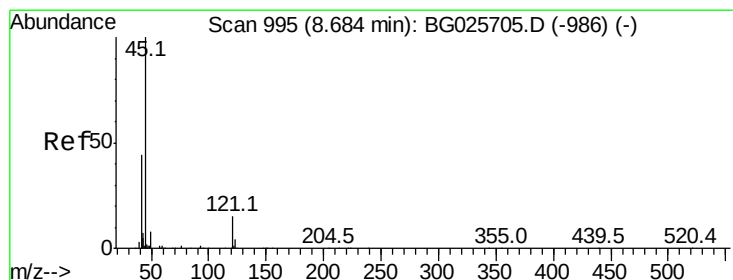
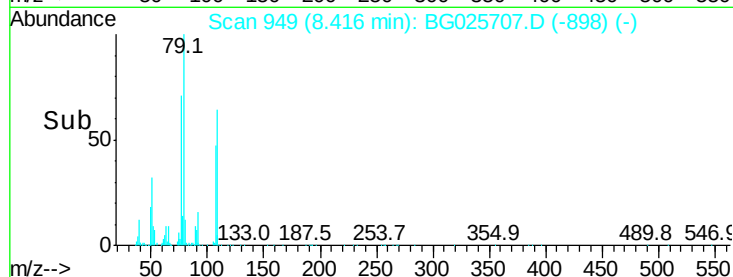
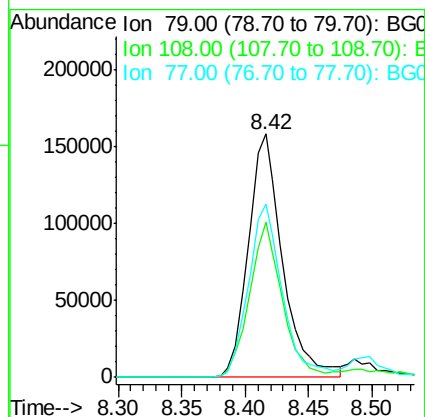
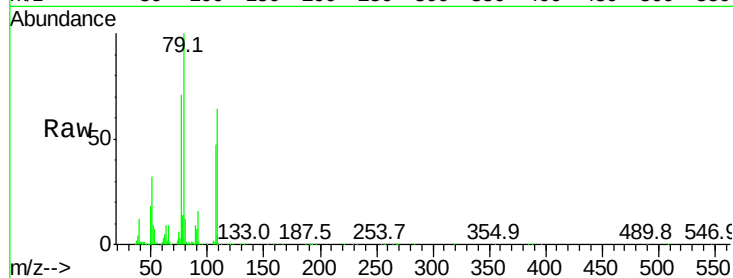
Tot Ion: 79 Resp: 297284

Ion Ratio Lower Upper

79 100

108 63.5 45.5 68.3

77 71.4 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 72.44 ng

RT: 8.68 min Scan# 994

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

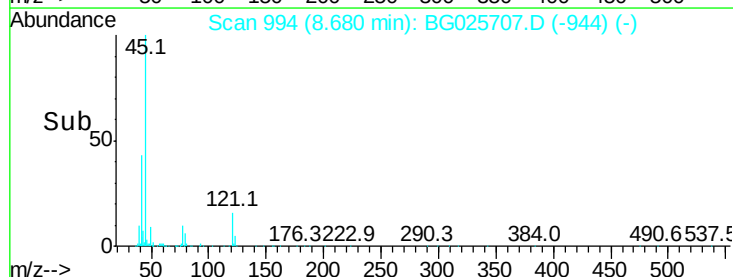
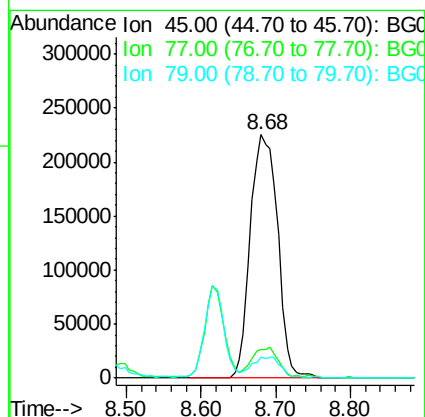
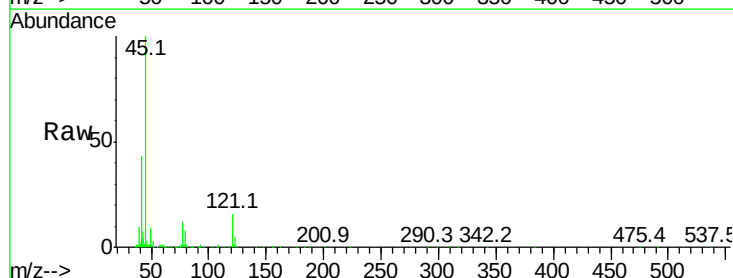
Tgt Ion: 45 Resp: 575366

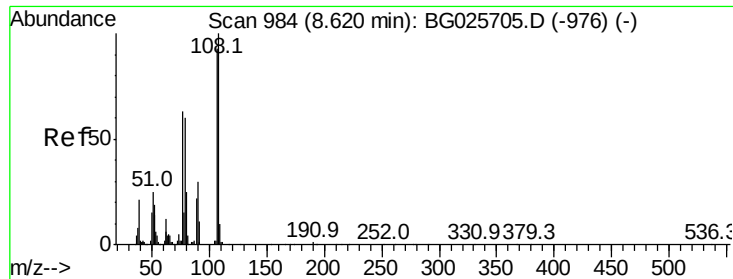
Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.6

79 8.4 0.0 28.5

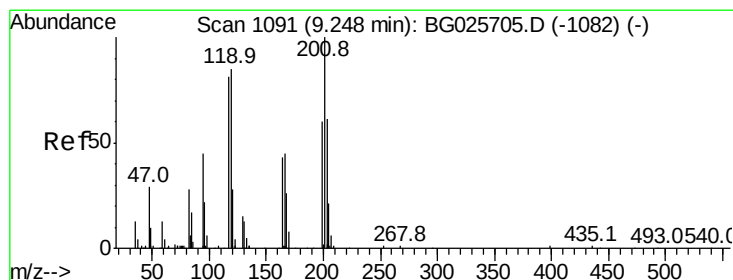
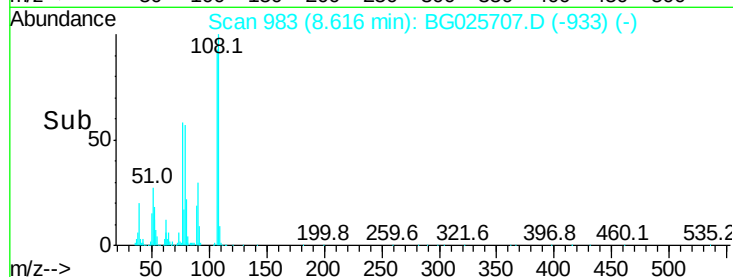
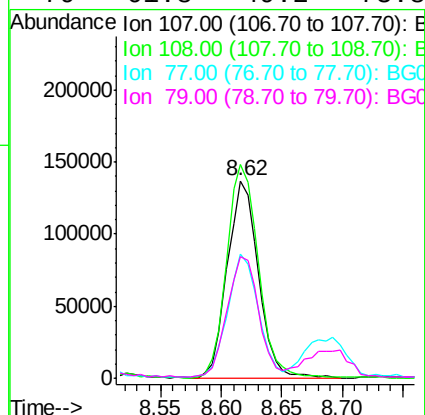
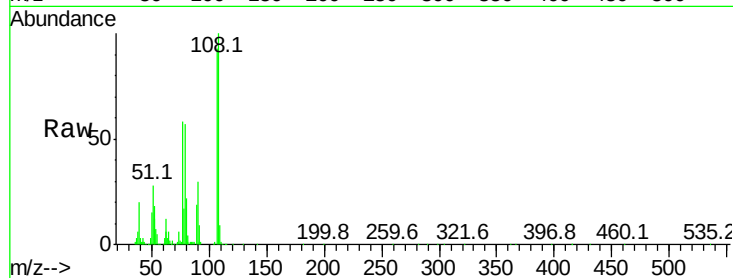




#17
2-Methylphenol
Concen: 66.81 ng
RT: 8.62 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

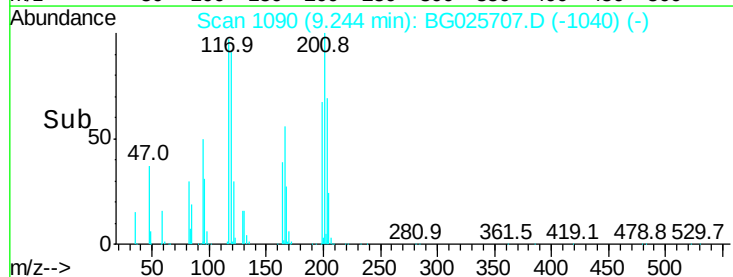
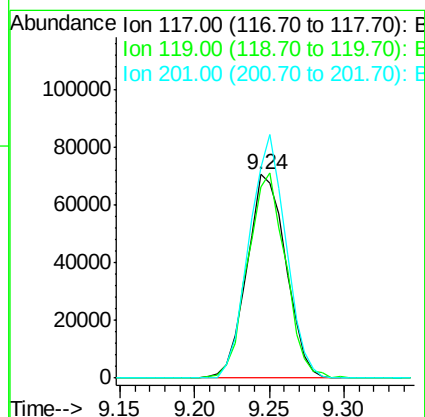
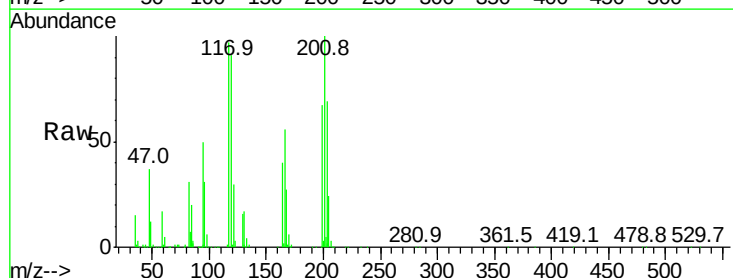
Instrument :
BNA_G
ClientSampleId :

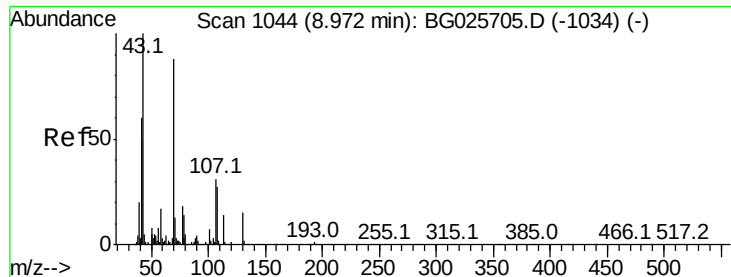
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.0	85.6	128.4
77	62.8	51.4	77.2
79	61.8	49.2	73.8



#18
Hexachloroethane
Concen: 65.94 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	69.8	104.6
201	103.2	95.4	143.0





#19

n-Nitroso-di-n-propylamine

Concen: 67.52 ng

RT: 8.97 min Scan# 1044

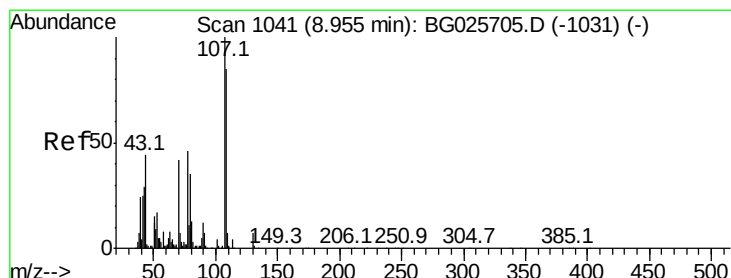
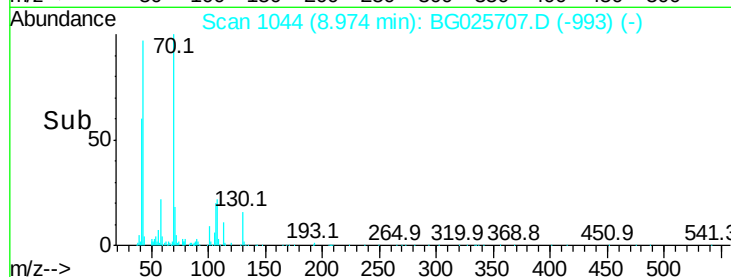
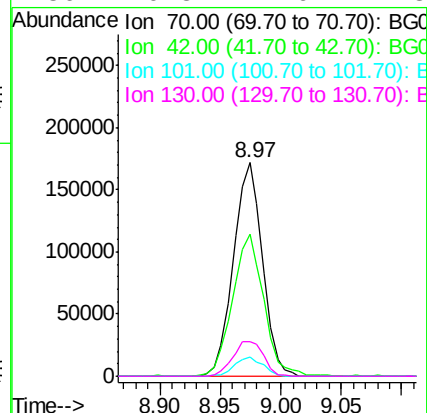
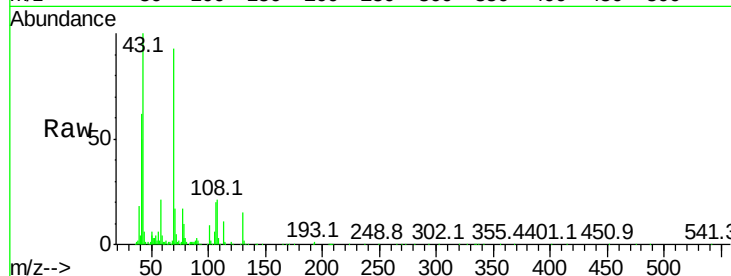
Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	286386
Ion	Ratio	Lower	Upper
70	100		
42	66.8	56.1	84.1
101	9.3	7.5	11.3
130	16.3	14.6	21.8



#20

3+4-Methylphenols

Concen: 69.27 ng

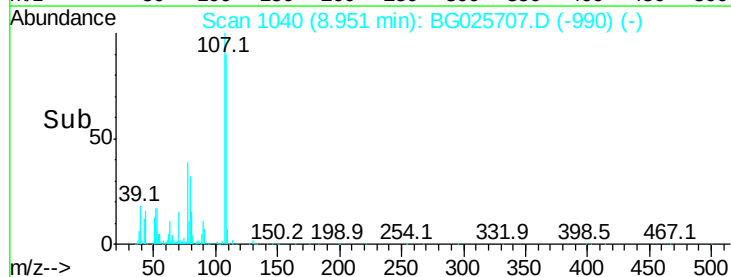
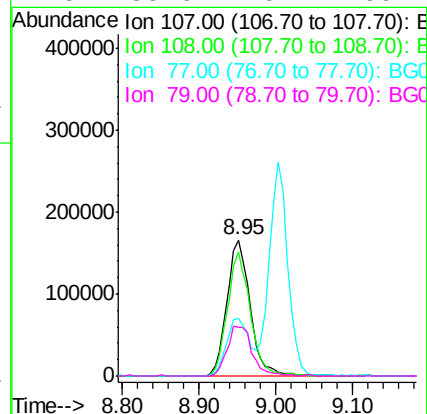
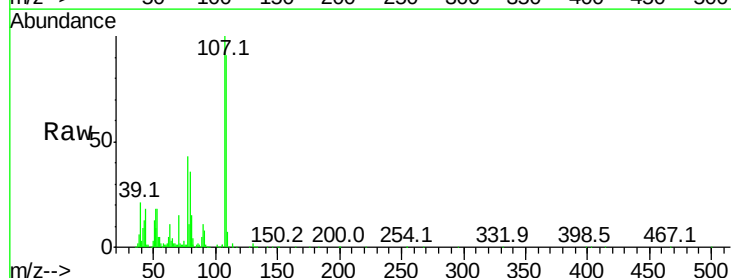
RT: 8.95 min Scan# 1040

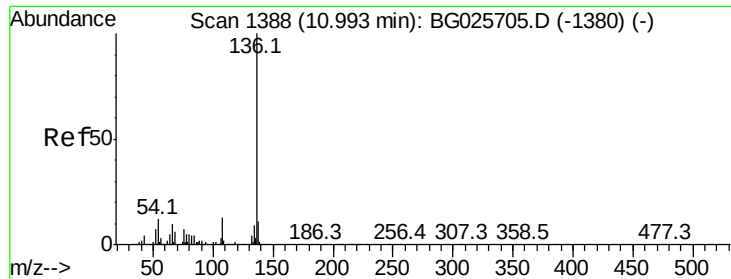
Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Tgt Ion:	107	Resp:	350465
Ion	Ratio	Lower	Upper
107	100		
108	90.9	70.8	110.8
77	42.8	25.8	65.8
79	35.6	20.1	60.1

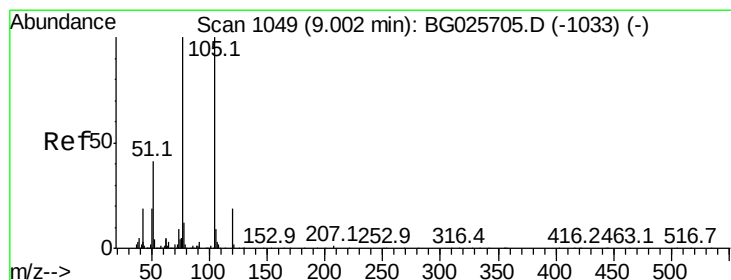
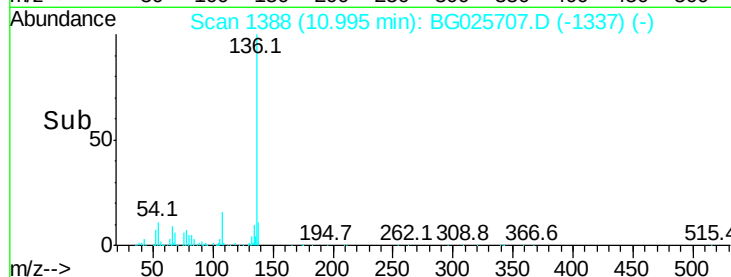
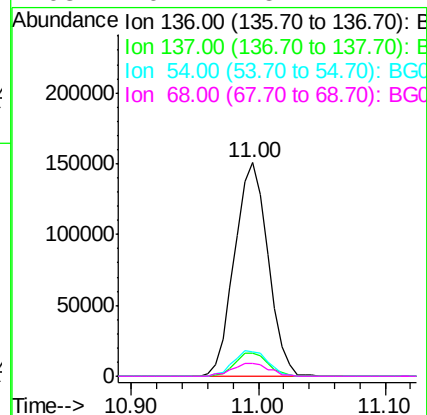
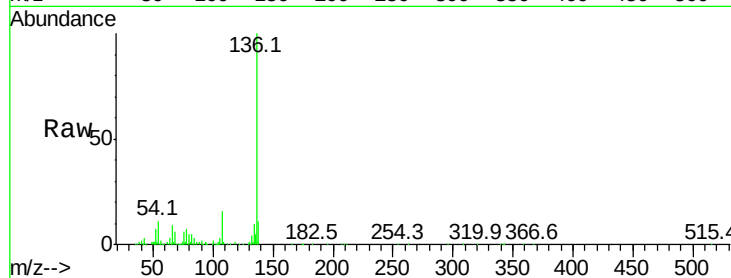




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

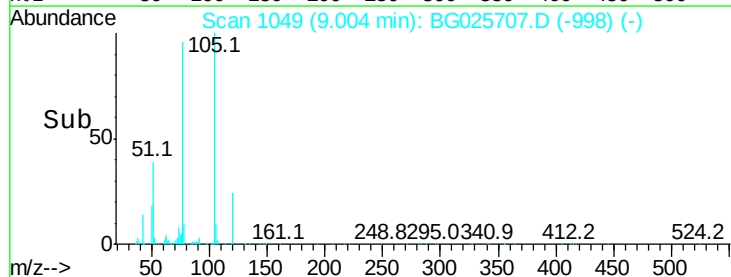
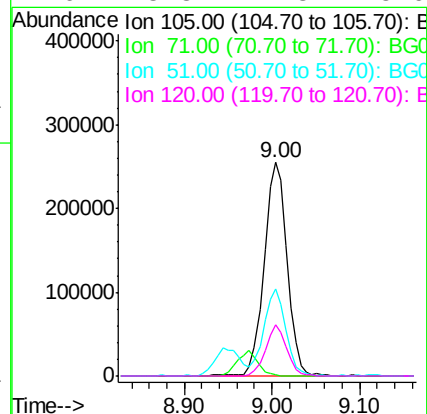
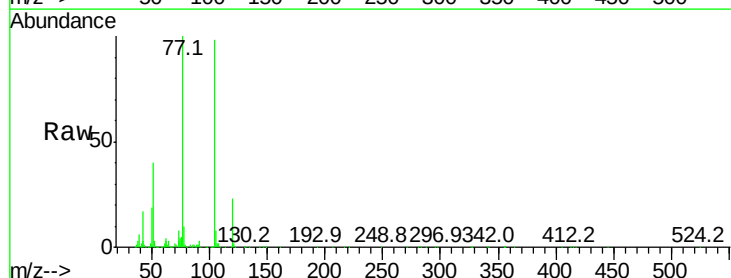
Instrument :
BNA_G
ClientSampleId :

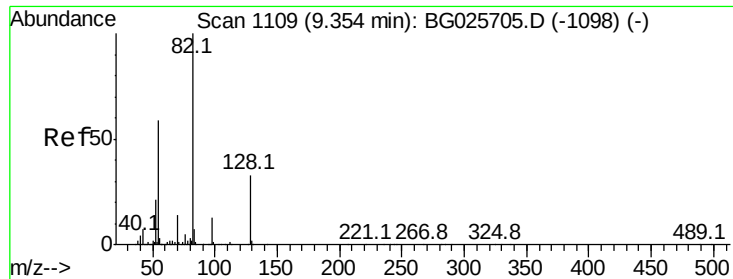
Tot Ion:136	Resp:	275312
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 11.2	9.3	13.9
68 6.1	5.1	7.7



#22
Acetophenone
Concen: 60.10 ng
RT: 9.00 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

Tgt	Ion:105	Resp:	459749
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.9	1.3#
51	40.6	34.0	51.0
120	23.8	17.3	25.9

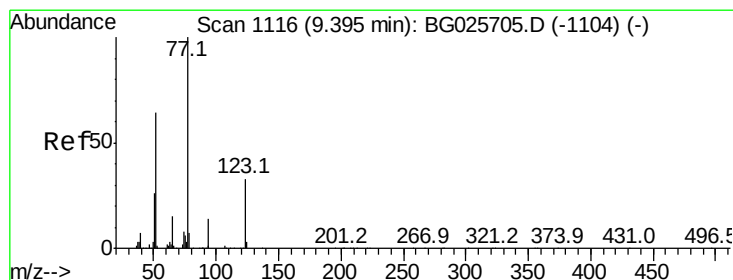
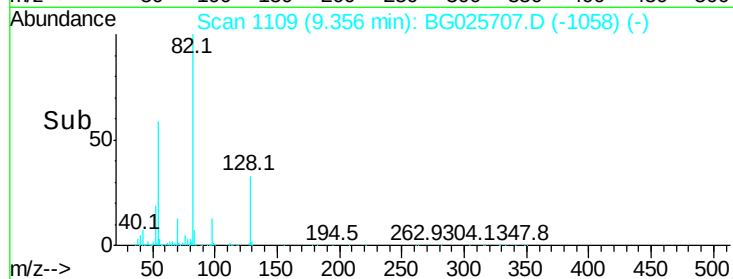
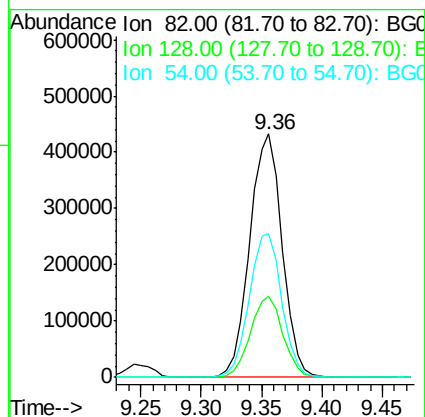
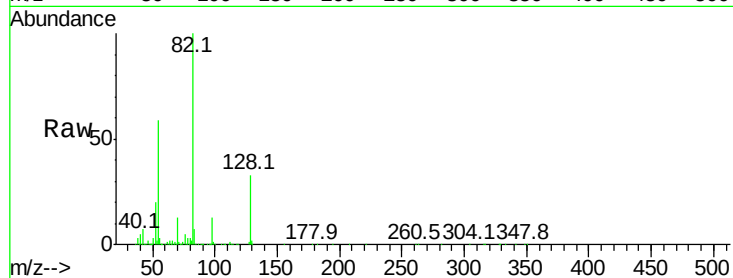




#23
 Nitrobenzene-d5
 Concen: 129.26 ng
 RT: 9.36 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BG025707.D
 Acq: 30 Jan 2017 16:31

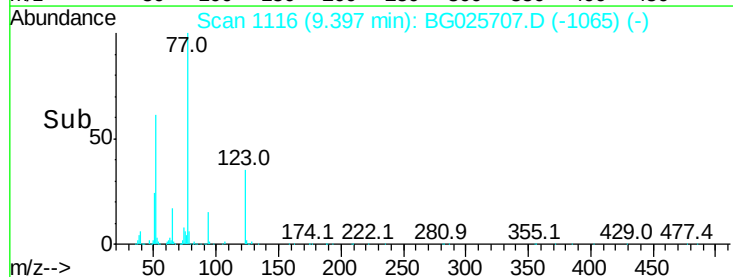
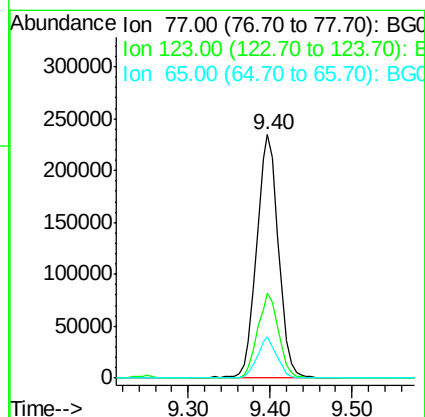
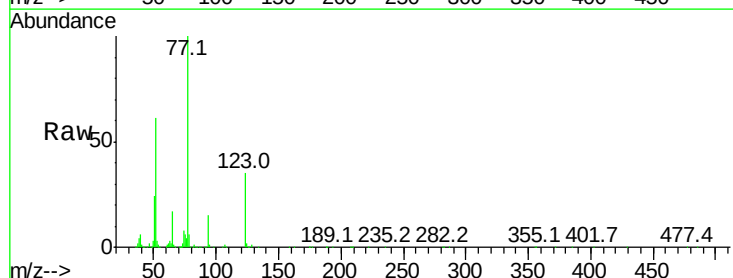
Instrument :
 BNA_G
 ClientSampled :

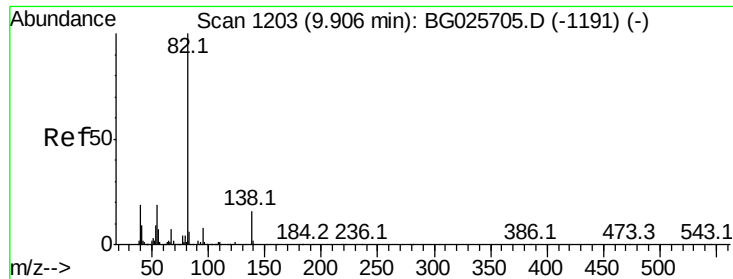
Tot Ion	82	Resp	805563
Ion Ratio	100	Lower	Upper
128	33.3	26.4	39.6
54	59.3	49.4	74.2



#24
 Nitrobenzene
 Concen: 63.44 ng
 RT: 9.40 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BG025707.D
 Acq: 30 Jan 2017 16:31

Tgt Ion	77	Resp	433663
Ion Ratio	100	Lower	Upper
123	35.1	26.1	39.1
65	16.9	12.4	18.6





#25

Isophorone

Concen: 68.03 ng

RT: 9.91 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampled :

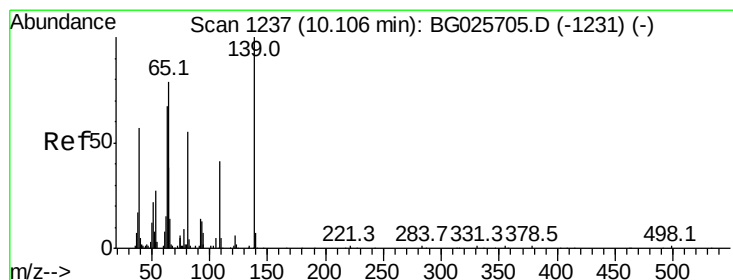
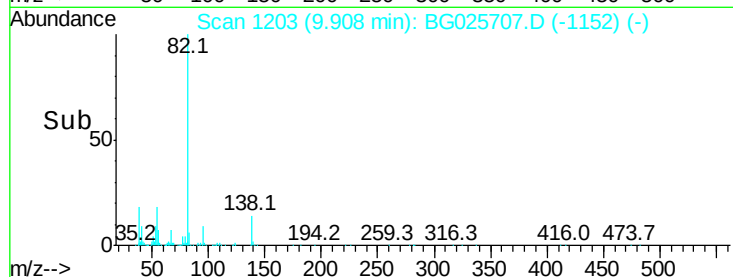
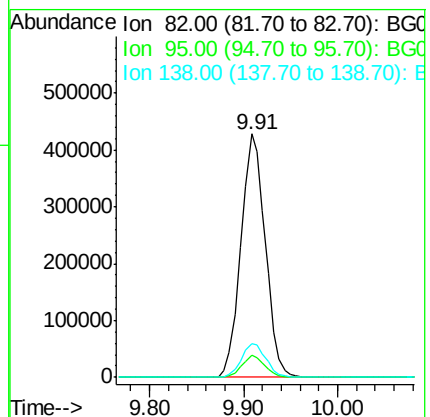
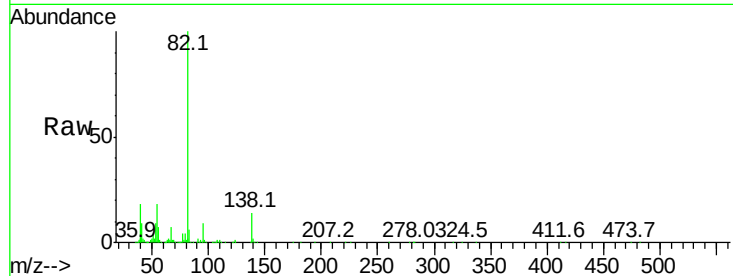
Tot Ion: 82 Resp: 767608

Ion Ratio Lower Upper

82 100

95 9.0 7.5 11.3

138 13.7 12.3 18.5



#26

2-Nitrophenol

Concen: 62.30 ng

RT: 10.11 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

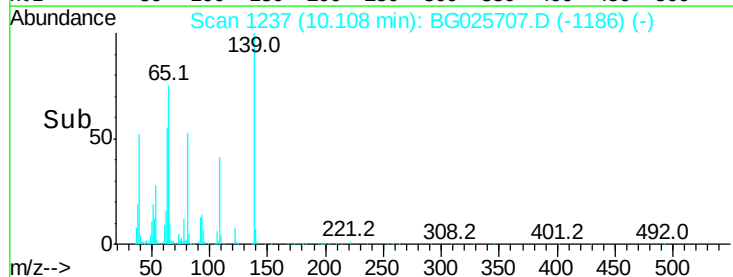
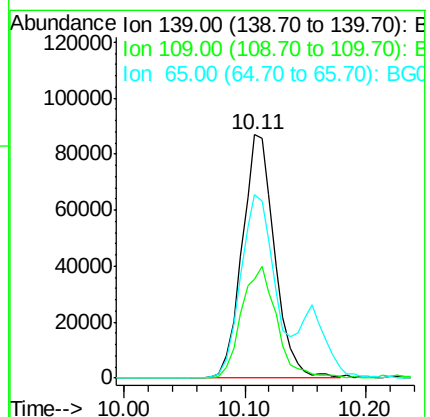
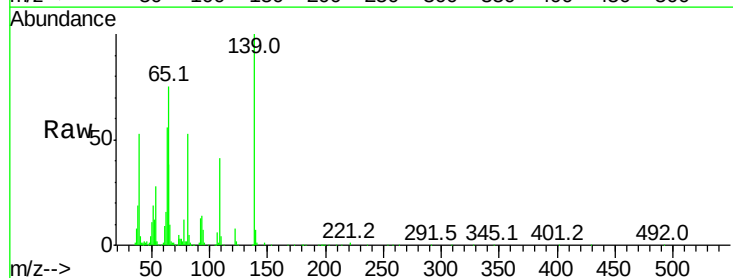
Tgt Ion:139 Resp: 162865

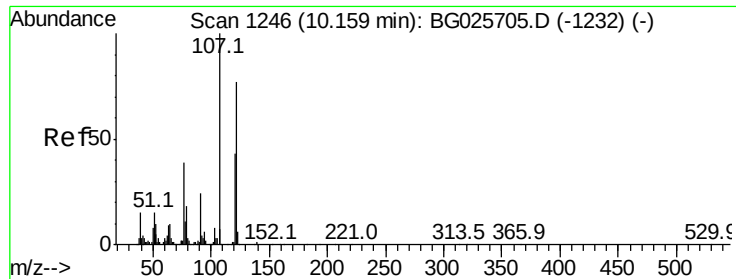
Ion Ratio Lower Upper

139 100

109 40.5 38.6 58.0

65 75.1 57.1 85.7





#27

2,4-Dimethylphenol

Concen: 62.60 ng

RT: 10.16 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampled :

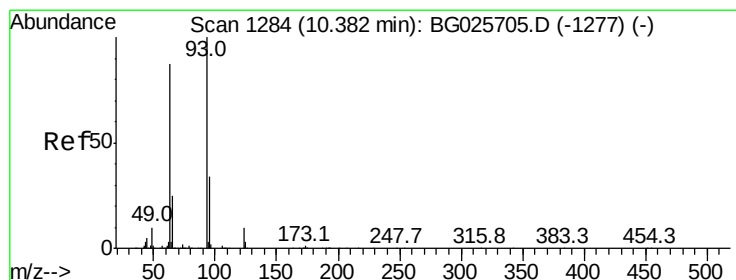
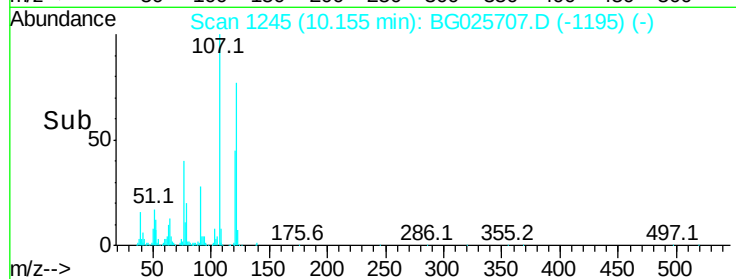
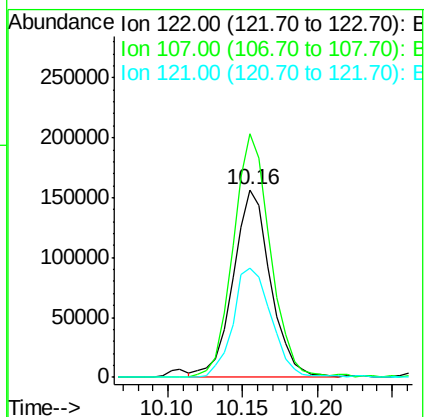
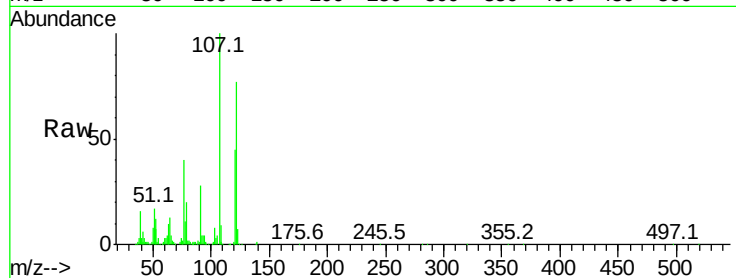
Tot Ion:122 Resp: 269072

Ion Ratio Lower Upper

122 100

107 130.0 104.2 156.4

121 58.1 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 72.47 ng

RT: 10.38 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

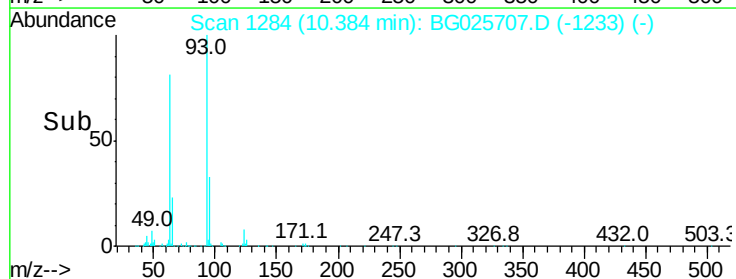
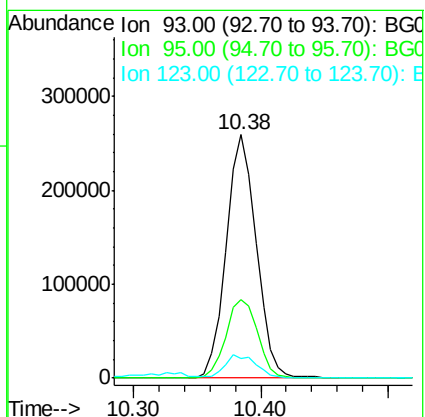
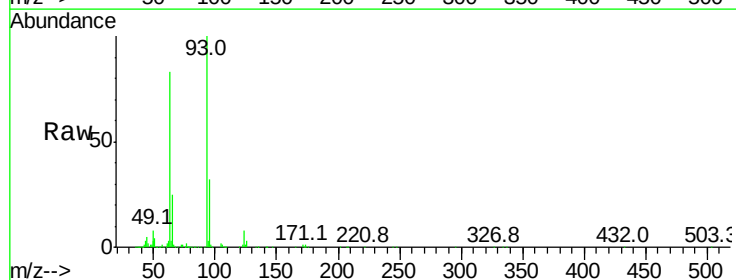
Tgt Ion: 93 Resp: 424675

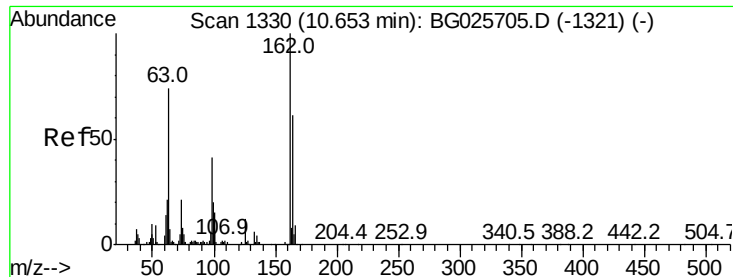
Ion Ratio Lower Upper

93 100

95 32.4 25.7 38.5

123 8.3 8.3 12.5#





#29

2,4-Dichlorophenol

Concen: 62.57 ng

RT: 10.65 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampleId :

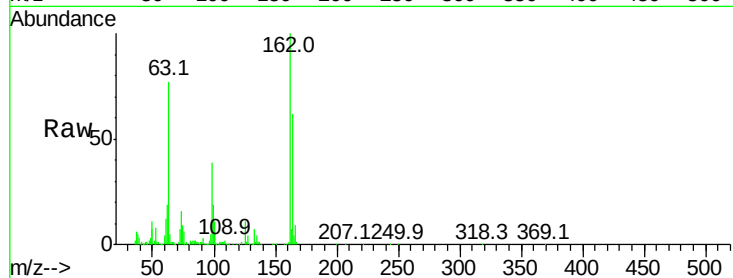
Tot Ion:162 Resp: 287793

Ion Ratio Lower Upper

162 100

164 62.4 42.4 82.4

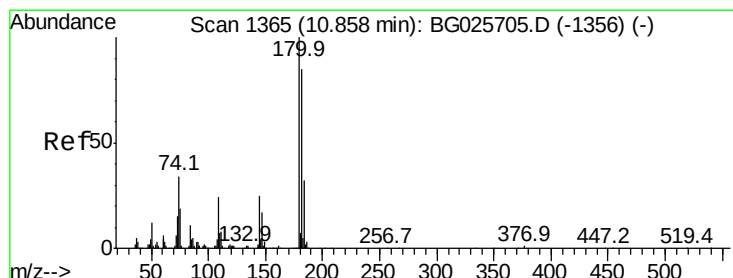
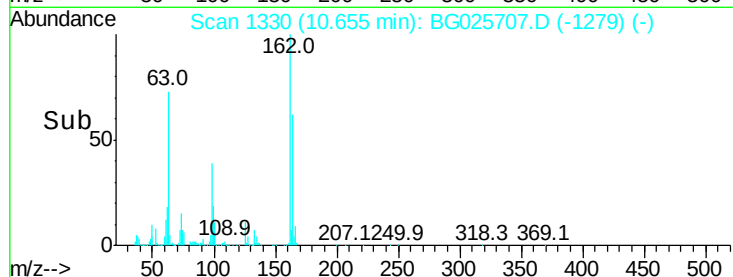
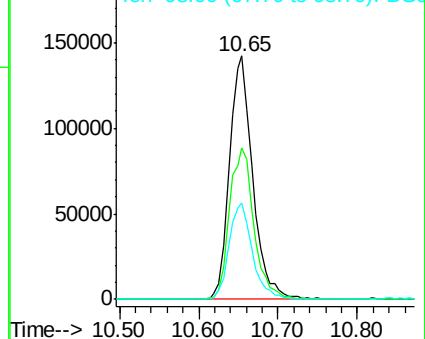
98 39.5 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 58.52 ng

RT: 10.85 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

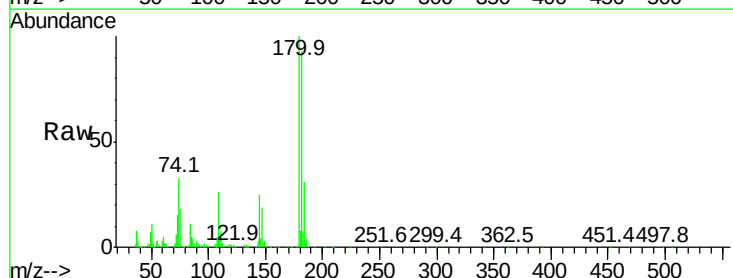
Tgt Ion:180 Resp: 325176

Ion Ratio Lower Upper

180 100

182 92.9 77.0 115.4

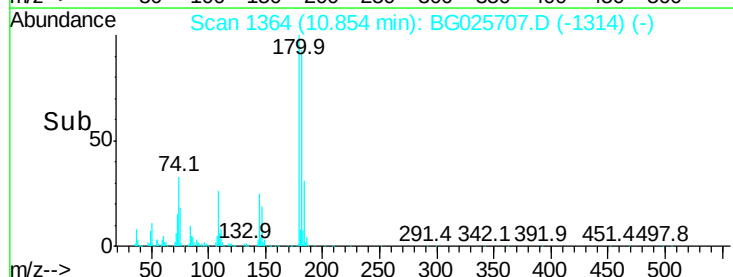
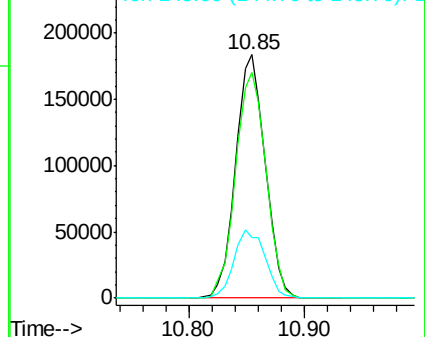
145 25.0 23.4 35.0

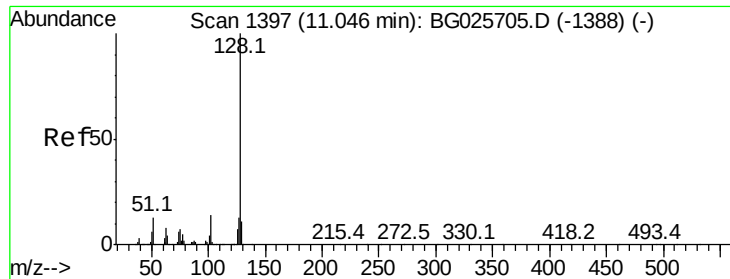


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

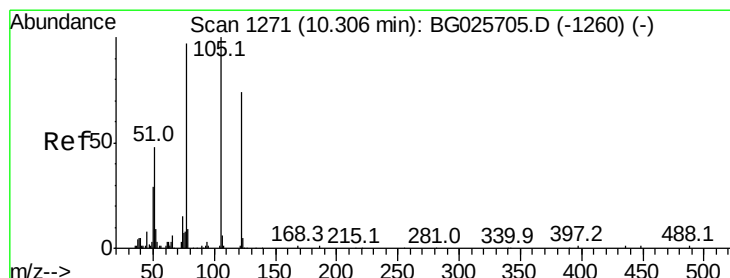
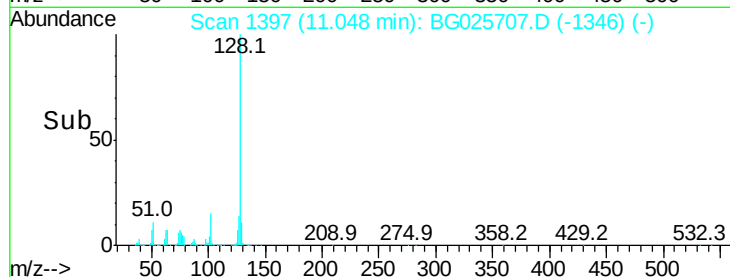
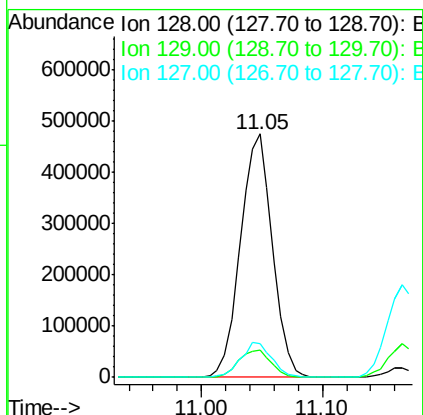
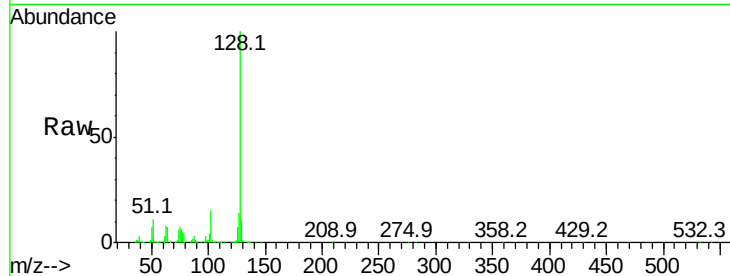




#31
Naphthalene
Concen: 63.41 ng
RT: 11.05 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

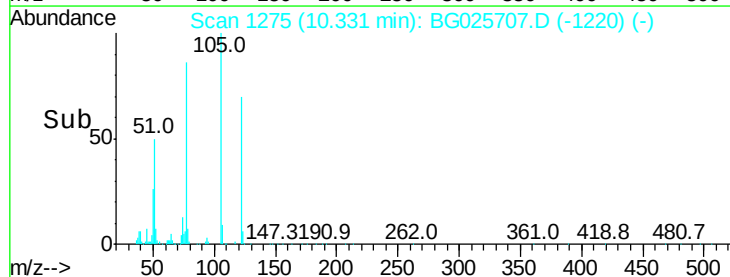
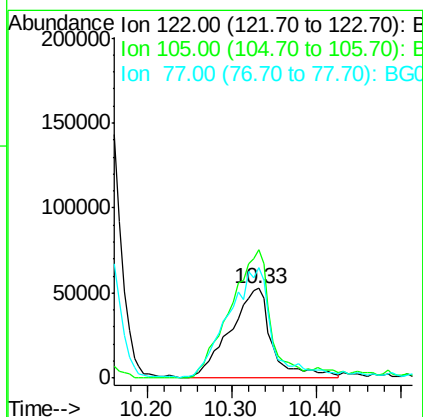
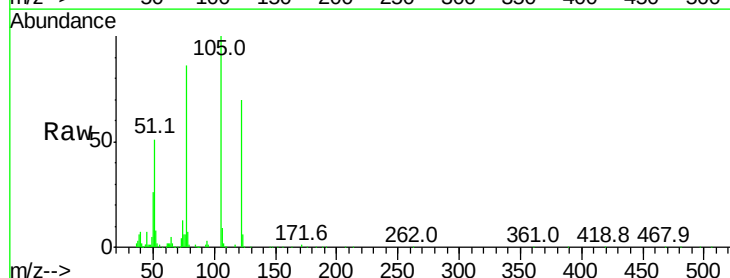
Instrument :
BNA_G
ClientSampleId :

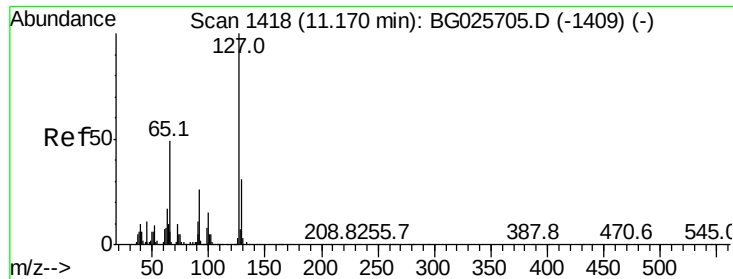
Tot Ion:128 Resp: 871723
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.6 11.4 17.0



#32
Benzoic acid
Concen: 51.54 ng
RT: 10.33 min Scan# 1275
Delta R.T. 0.03 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

Tgt Ion:122 Resp: 178156
Ion Ratio Lower Upper
122 100
105 143.2 120.1 160.1
77 123.3 104.6 144.6

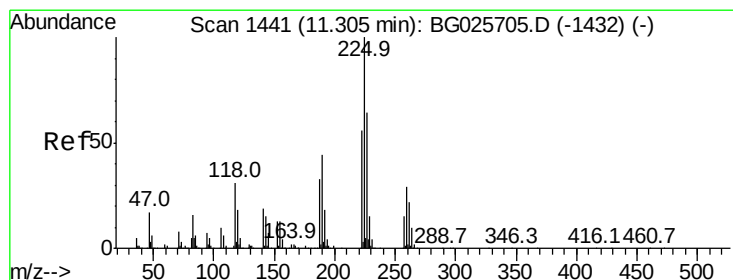
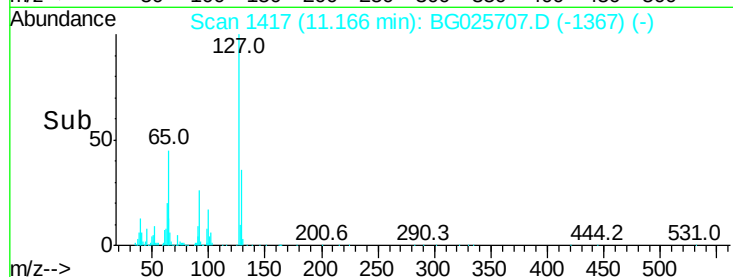
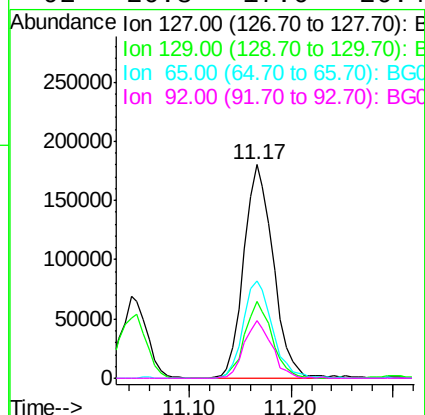
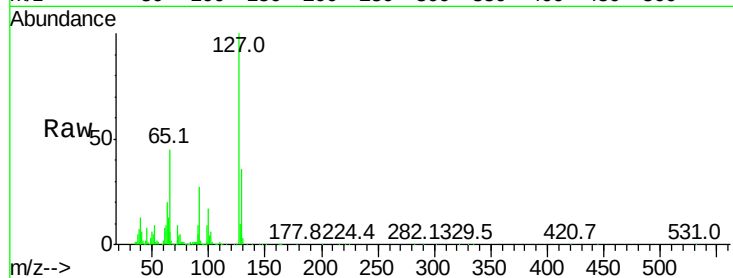




#33
4-Chloroaniline
Concen: 62.74 ng
RT: 11.17 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

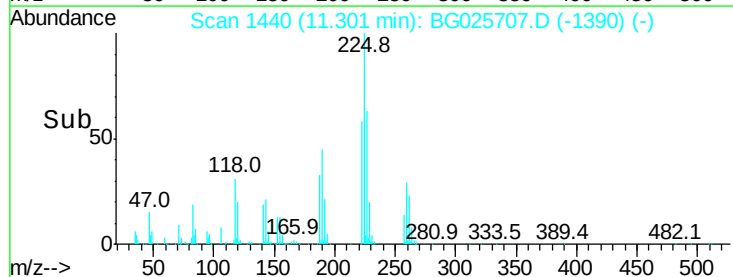
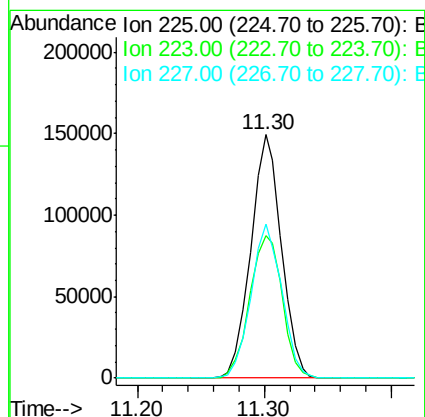
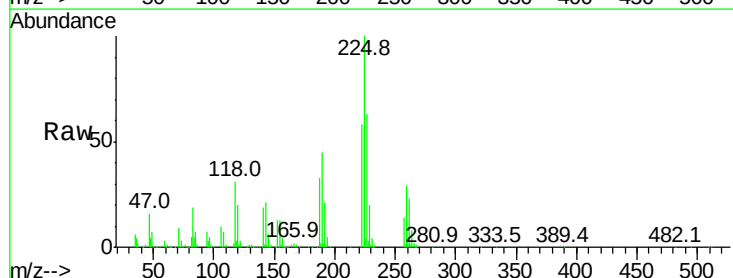
Instrument :
BNA_G
ClientSampled :

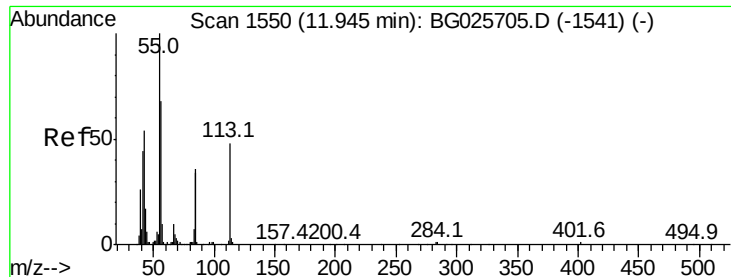
Tot Ion:	127	Resp:	362802
Ion	Ratio	Lower	Upper
127	100		
129	36.1	23.6	35.4#
65	45.5	37.7	56.5
92	26.8	17.6	26.4#



#34
Hexachlorobutadiene
Concen: 55.17 ng
RT: 11.30 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

Tgt Ion:	225	Resp:	250232
Ion	Ratio	Lower	Upper
225	100		
223	58.4	50.7	76.1
227	63.5	49.0	73.6





#35

Caprolactam

Concen: 67.95 ng

RT: 11.95 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampled :

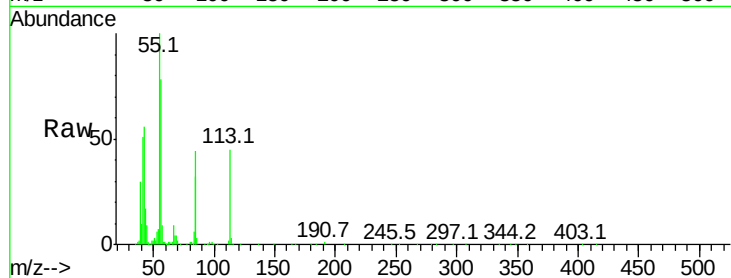
Tot Ion:113 Resp: 117432

Ion Ratio Lower Upper

113 100

55 223.0 198.6 238.6

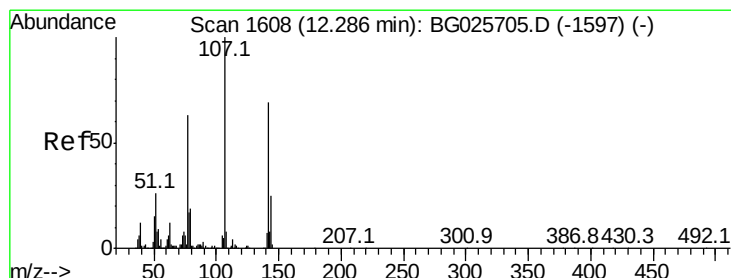
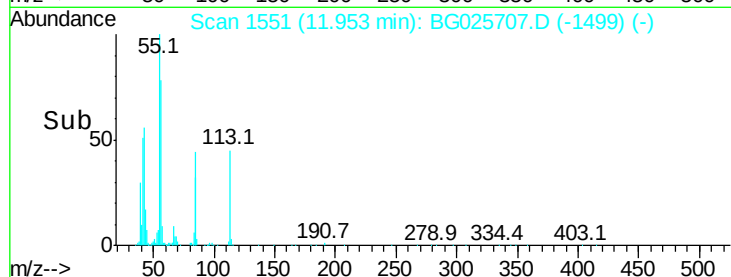
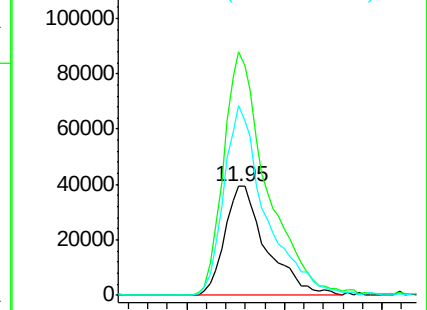
56 174.1 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 61.76 ng

RT: 12.28 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

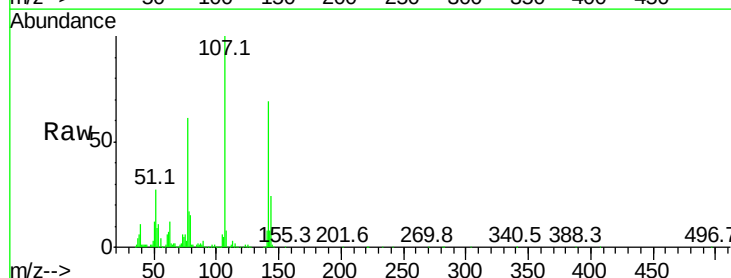
Tgt Ion:107 Resp: 350641

Ion Ratio Lower Upper

107 100

144 23.8 17.4 26.0

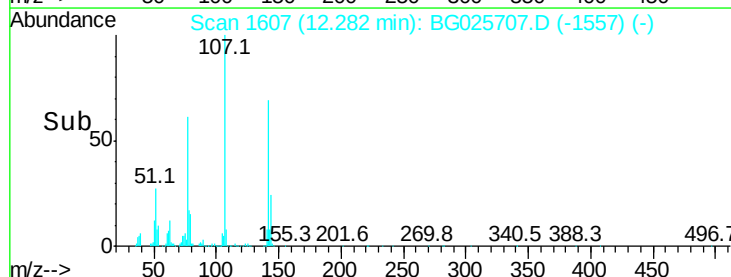
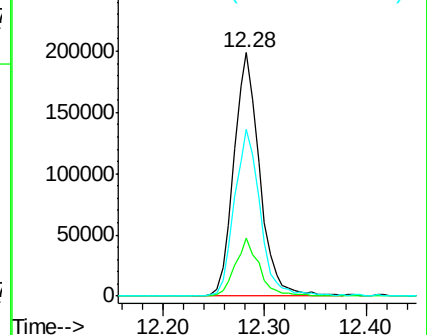
142 68.6 54.1 81.1

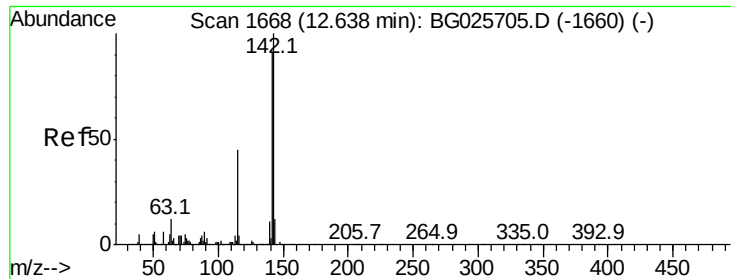


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 65.67 ng

RT: 12.64 min Scan# 1668

Delta R.T. 0.00 min

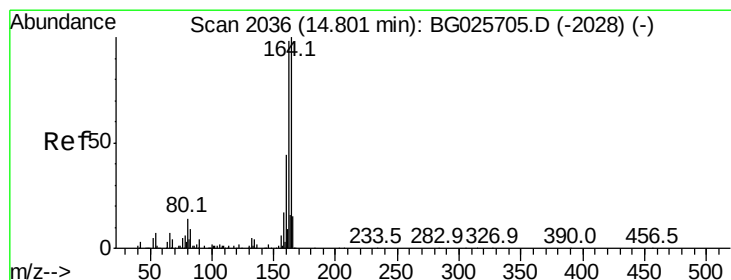
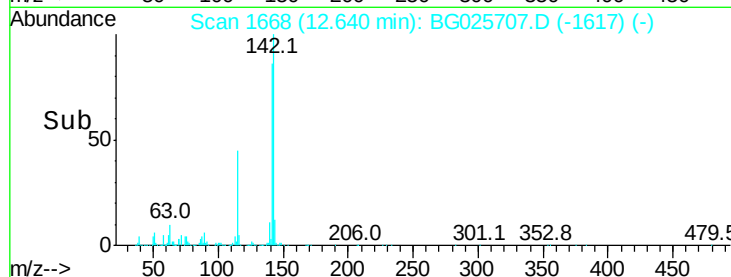
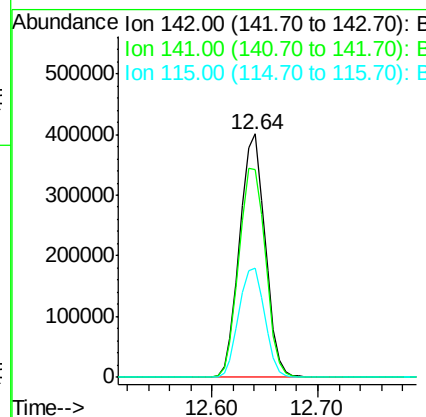
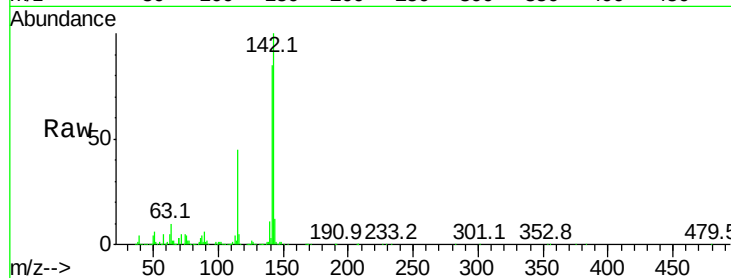
Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 669132

Ion	Ratio	Lower	Upper
142	100		
141	85.2	70.4	105.6
115	45.1	35.5	53.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

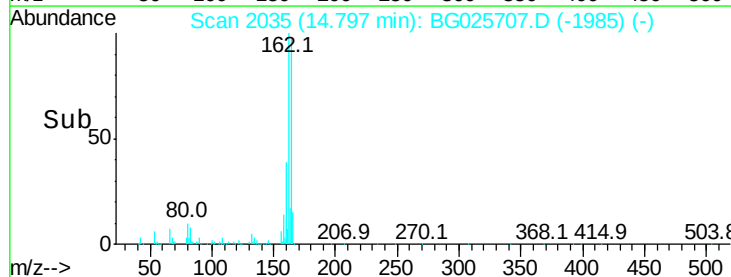
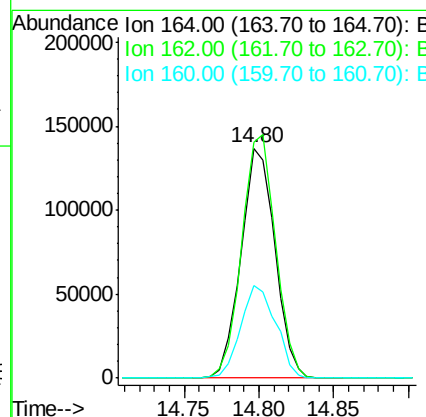
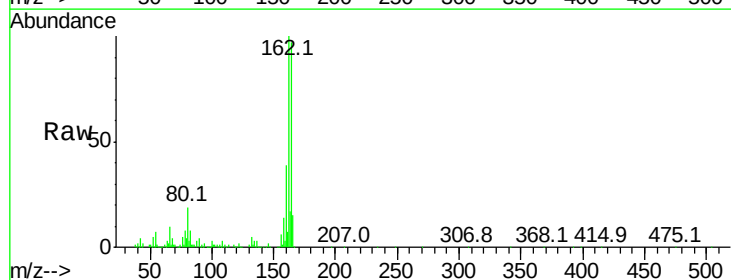
Delta R.T. -0.00 min

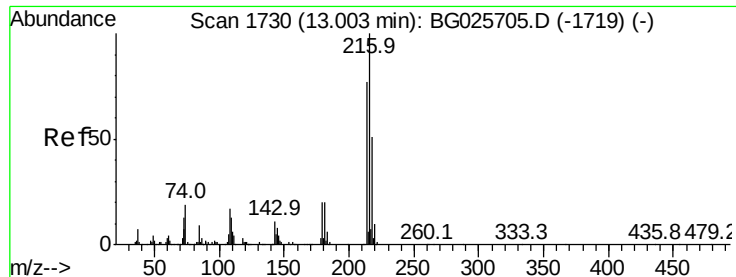
Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Tgt Ion:164 Resp: 216634

Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.1	127.7
160	40.3	34.7	52.1

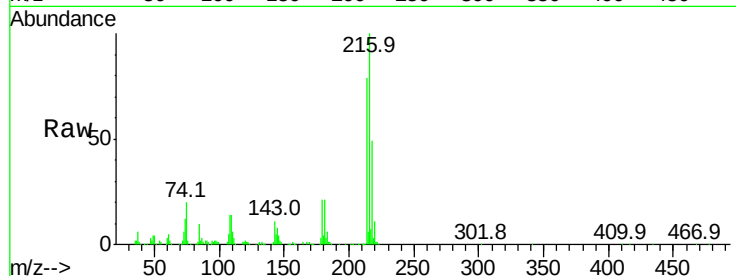




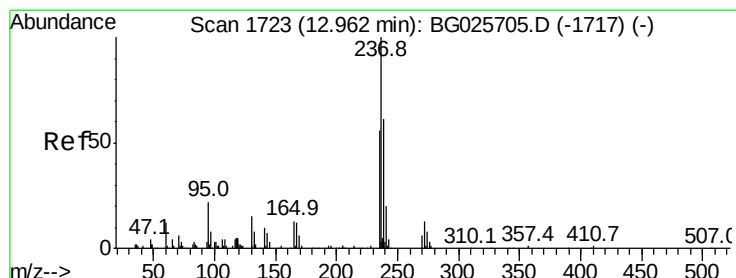
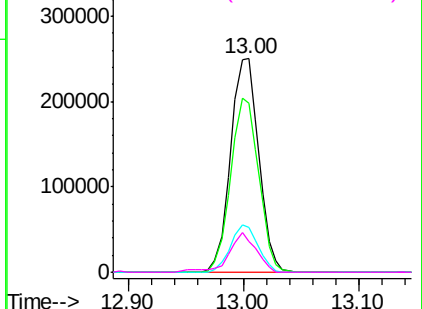
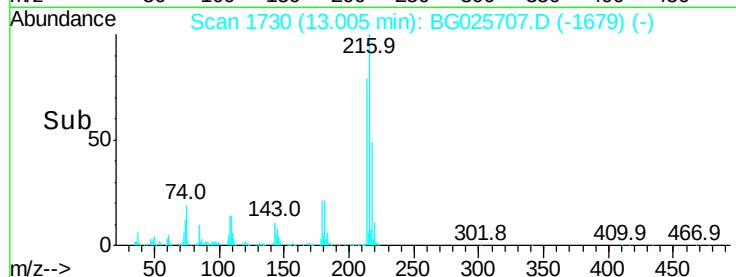
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 59.08 ng
 RT: 13.00 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BG025707.D
 Acq: 30 Jan 2017 16:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	422583
Ion	Ratio	Lower	Upper
216	100		
214	81.2	64.4	96.6
179	21.7	17.4	26.0
108	17.9	15.6	23.4

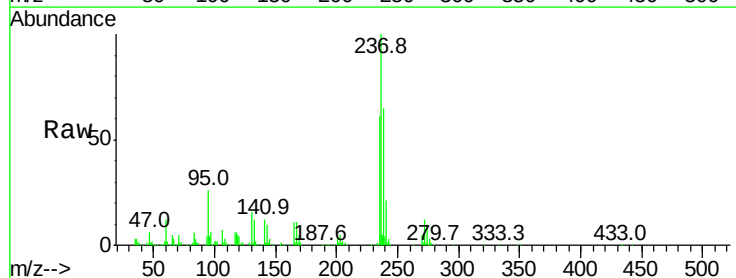


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

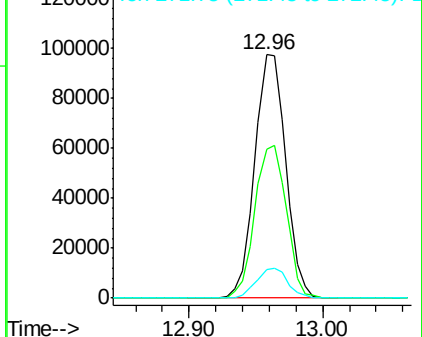
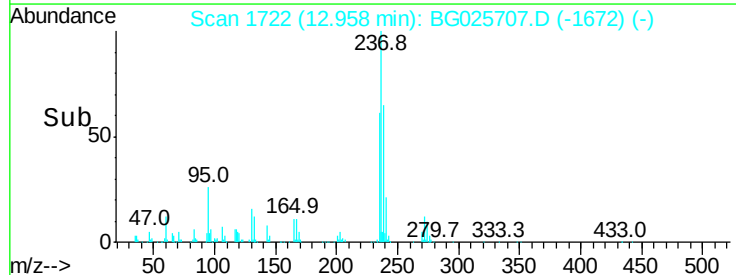


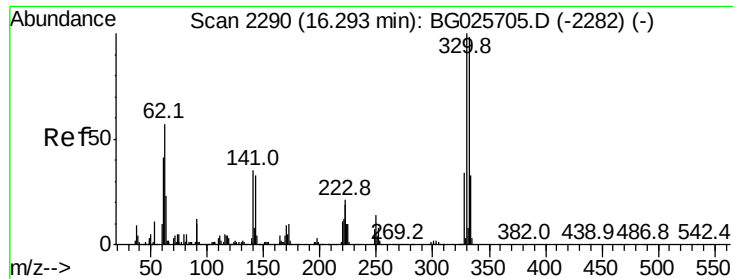
#40
 Hexachlorocyclopentadiene
 Concen: 74.82 ng
 RT: 12.96 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG025707.D
 Acq: 30 Jan 2017 16:31

Tgt Ion:	237	Resp:	155949
Ion	Ratio	Lower	Upper
237	100		
235	61.4	39.4	79.4
272	11.5	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

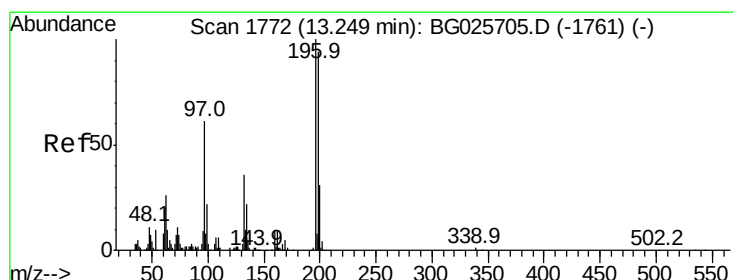
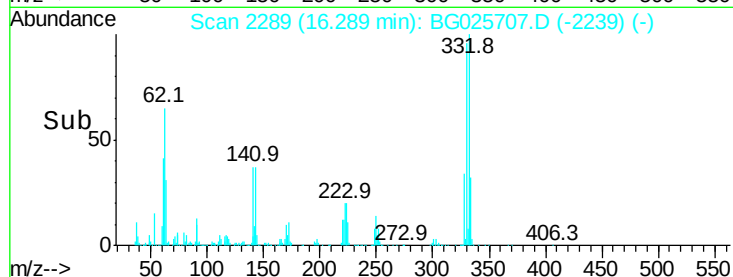
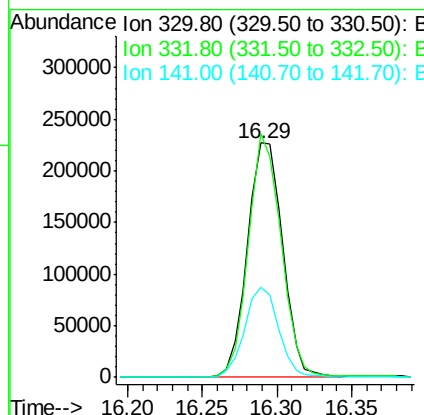
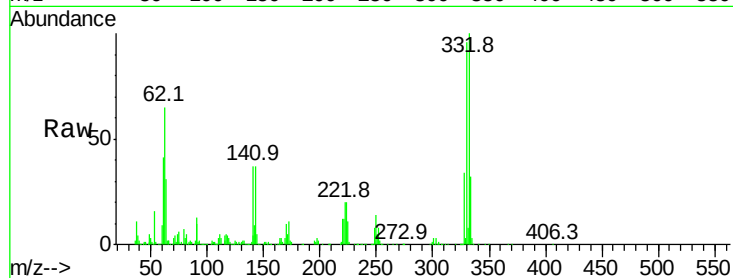




#41
2,4,6-Tribromophenol
Concen: 106.35 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

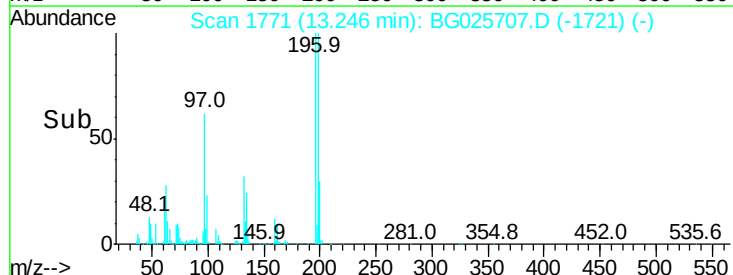
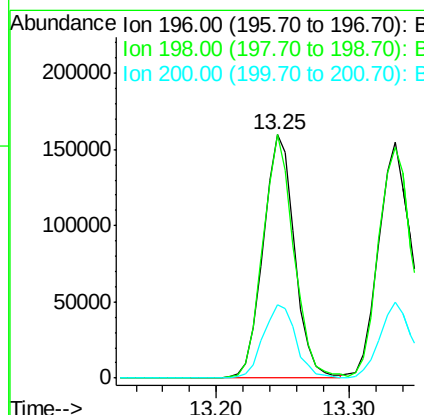
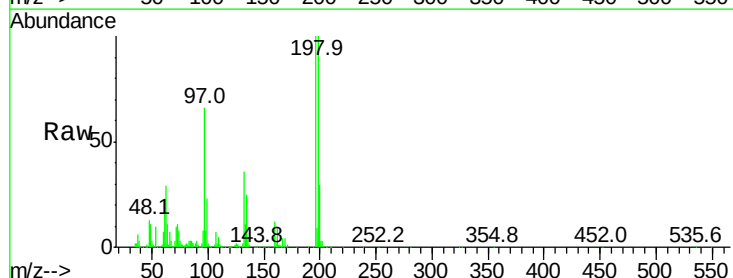
Instrument :
BNA_G
ClientSampleId :

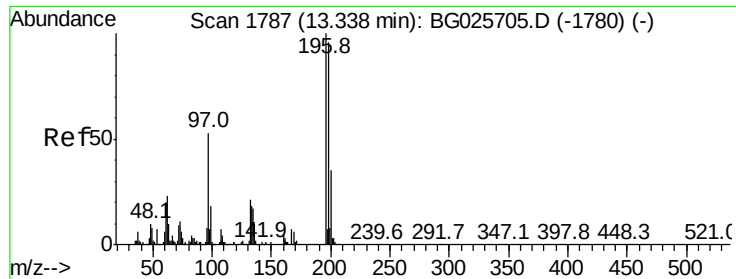
Tot Ion:330 Resp: 370927
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 37.5 32.1 48.1



#42
2,4,6-Trichlorophenol
Concen: 57.70 ng
RT: 13.25 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

Tgt Ion:196 Resp: 259863
Ion Ratio Lower Upper
196 100
198 100.0 81.4 122.2
200 30.4 27.0 40.6

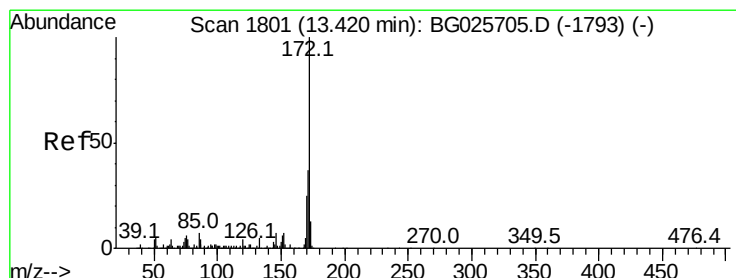
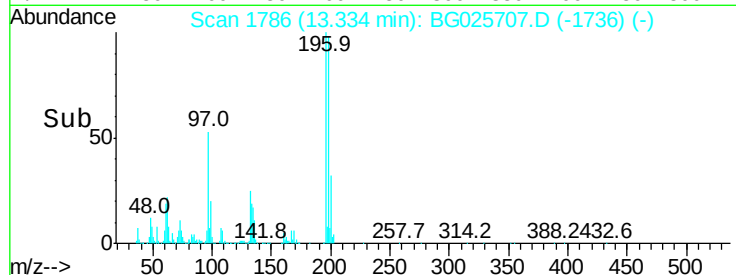
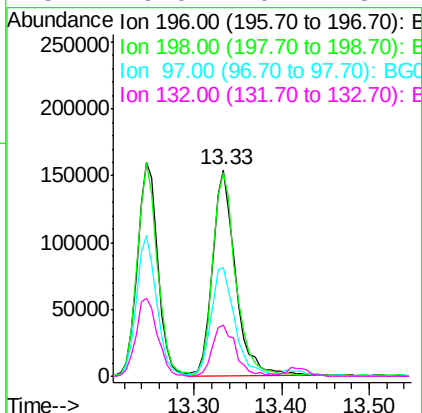
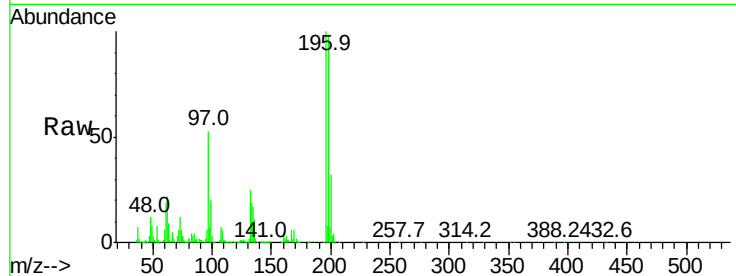




#43
2,4,5-Trichlorophenol
Concen: 59.61 ng
RT: 13.33 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

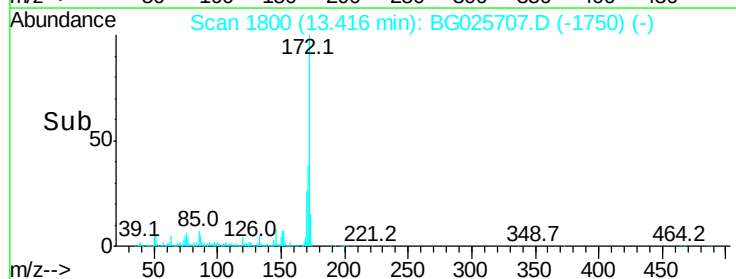
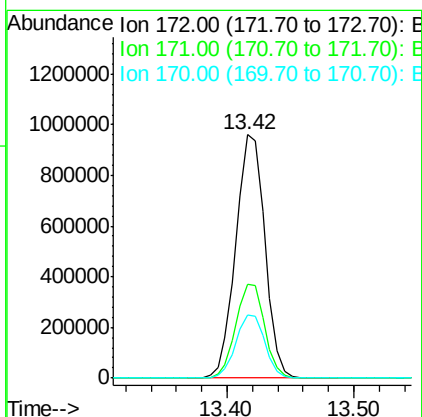
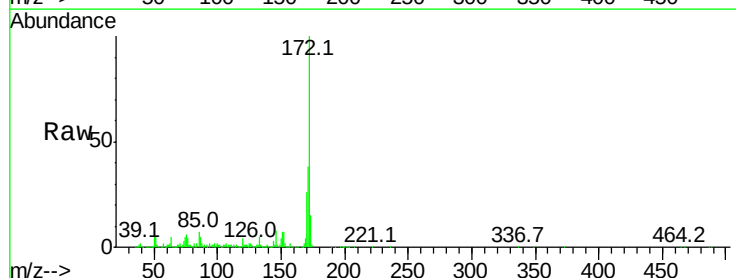
Instrument :
BNA_G
ClientSampled :

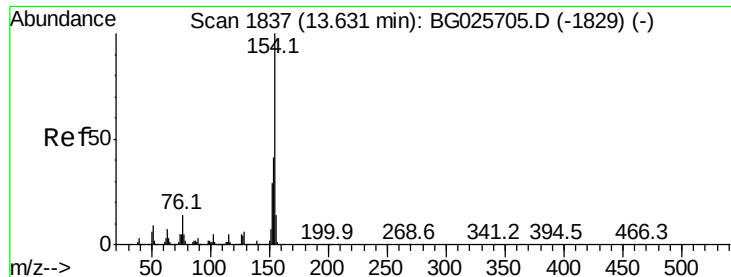
Tot Ion:	196	Resp:	280983
Ion	Ratio	Lower	Upper
196	100		
198	98.3	79.9	119.9
97	52.9	45.4	68.0
132	25.0	20.7	31.1



#44
2-Fluorobiphenyl
Concen: 113.73 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

Tgt Ion:	172	Resp:	1521857
Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.2	48.2
170	26.1	21.8	32.6





#45

1,1'-Biphenyl

Concen: 61.90 ng

RT: 13.63 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampleId :

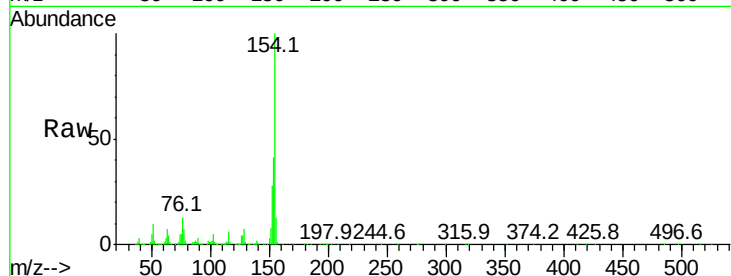
Tot Ion:154 Resp: 901911

Ion Ratio Lower Upper

154 100

153 40.5 23.0 63.0

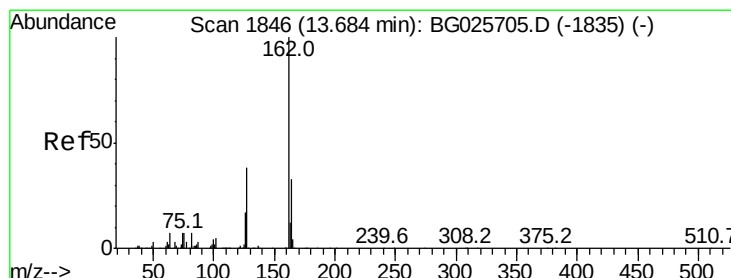
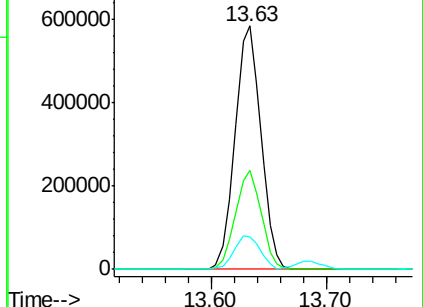
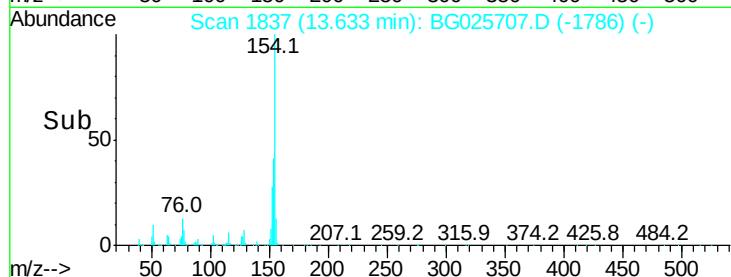
76 13.4 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 61.98 ng

RT: 13.69 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

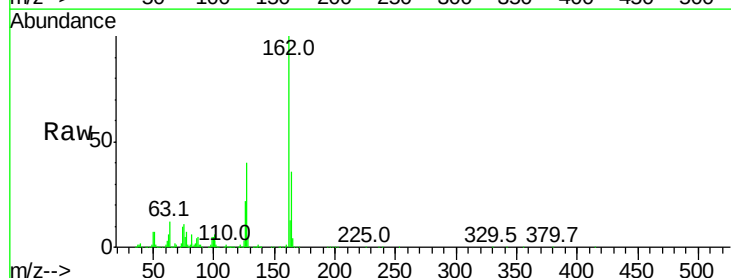
Tgt Ion:162 Resp: 705617

Ion Ratio Lower Upper

162 100

127 39.7 32.2 48.4

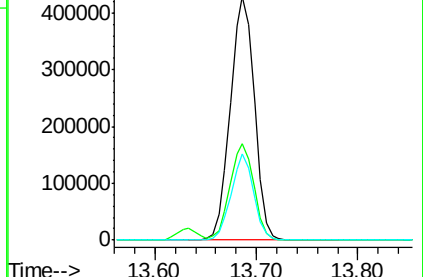
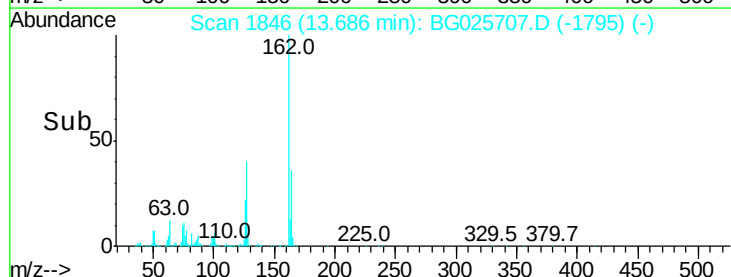
164 35.6 27.3 40.9

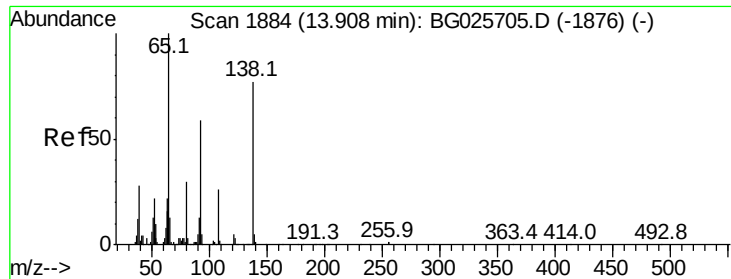


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

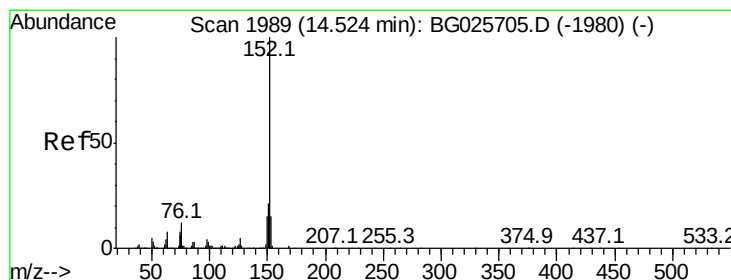
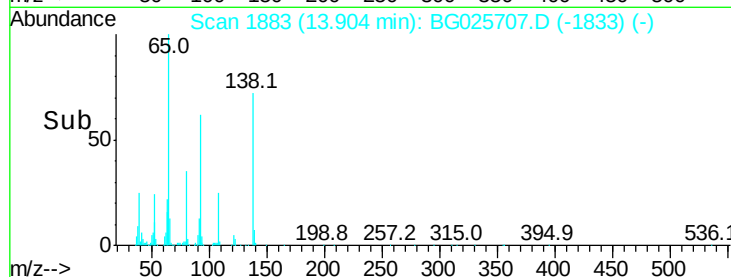
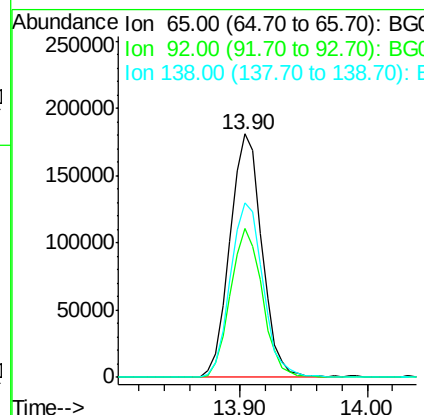
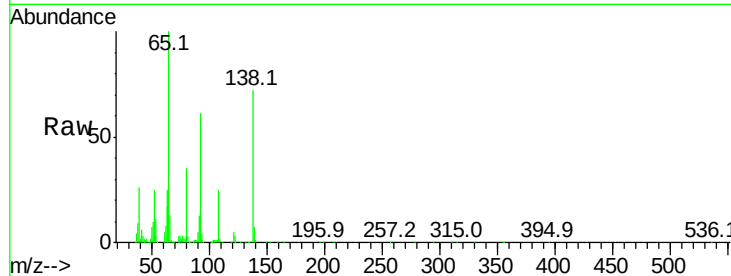




#47
2-Nitroaniline
Concen: 65.39 ng
RT: 13.90 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

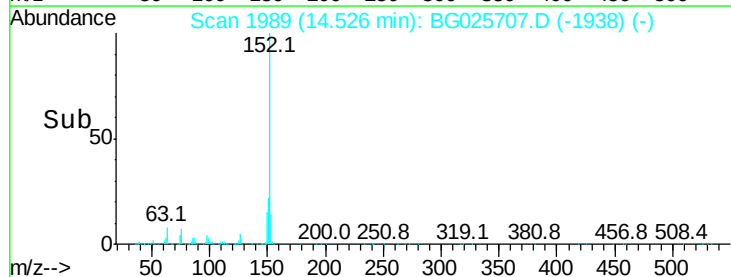
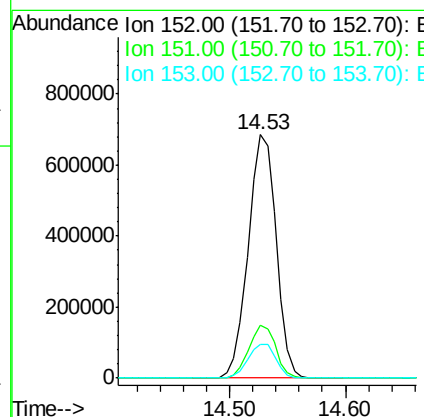
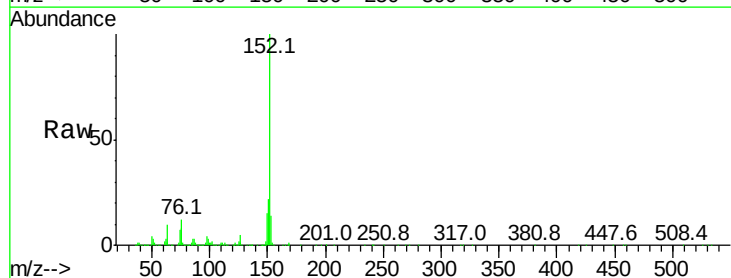
Instrument :
BNA_G
ClientSampled :

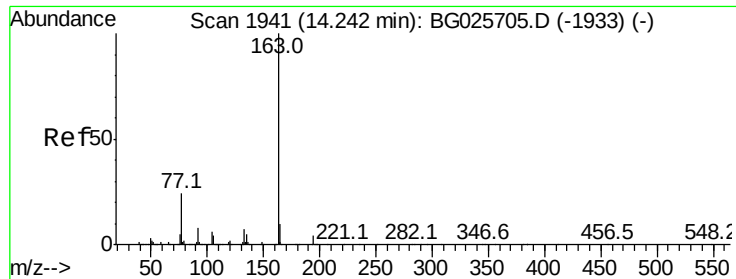
Tot Ion: 65 Resp: 314216
Ion Ratio Lower Upper
65 100
92 61.4 49.0 73.4
138 71.6 58.6 87.8



#48
Acenaphthylene
Concen: 65.34 ng
RT: 14.53 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

Tgt Ion: 152 Resp: 1152925
Ion Ratio Lower Upper
152 100
151 21.9 18.2 27.2
153 13.8 11.3 16.9





#49

Dimethylphthalate

Concen: 59.64 ng

RT: 14.24 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampleId :

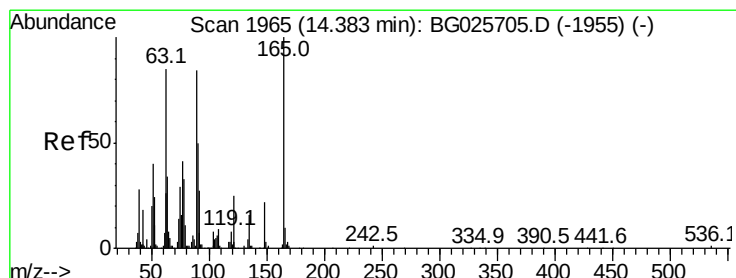
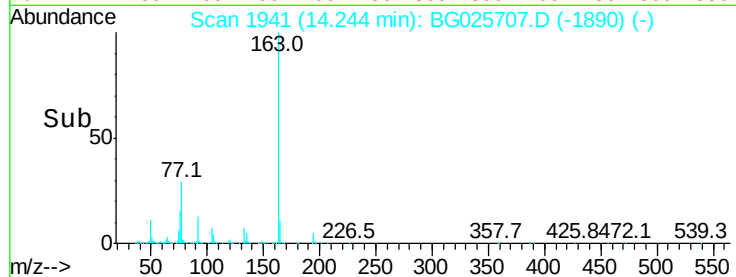
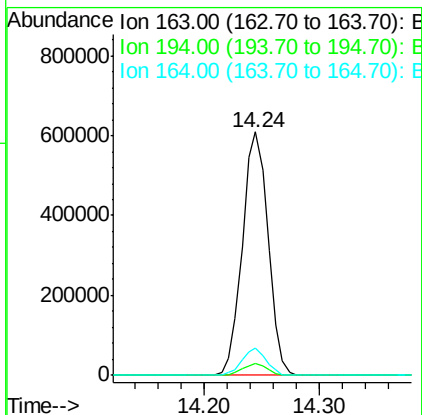
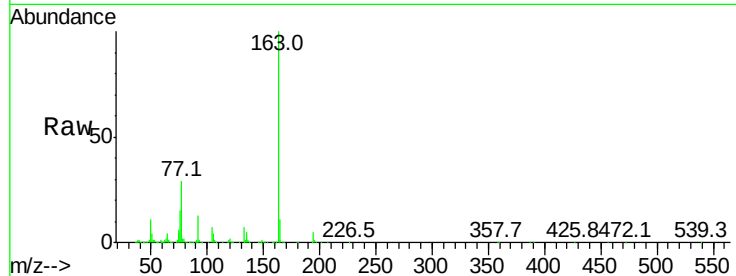
Tot Ion:163 Resp: 941896

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

164 11.2 9.3 13.9



#50

2,6-Dinitrotoluene

Concen: 62.83 ng

RT: 14.39 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

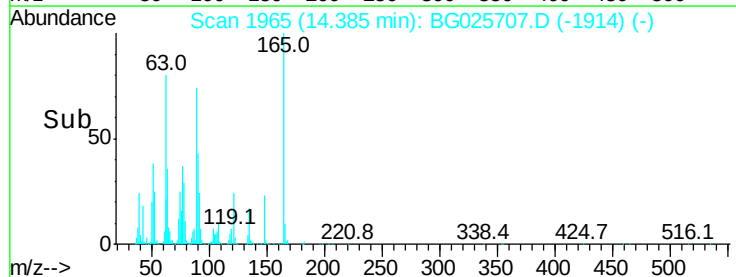
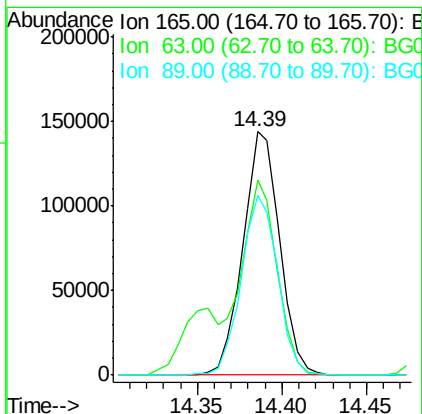
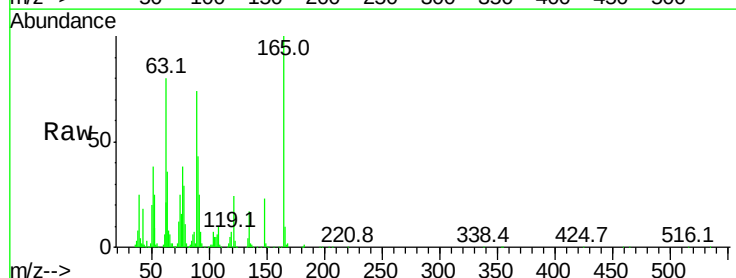
Tgt Ion:165 Resp: 216759

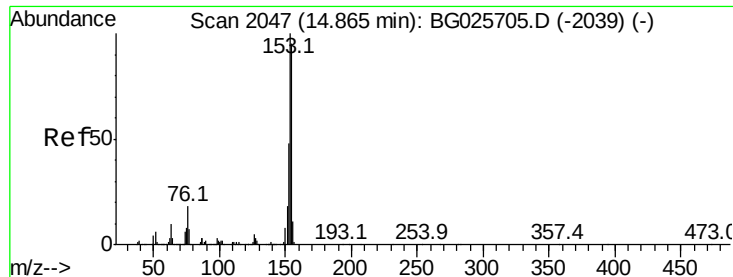
Ion Ratio Lower Upper

165 100

63 80.3 63.9 95.9

89 73.8 58.6 88.0





#51

Acenaphthene

Concen: 61.98 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

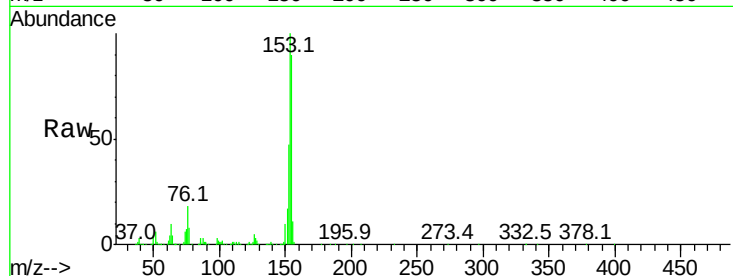
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 715286

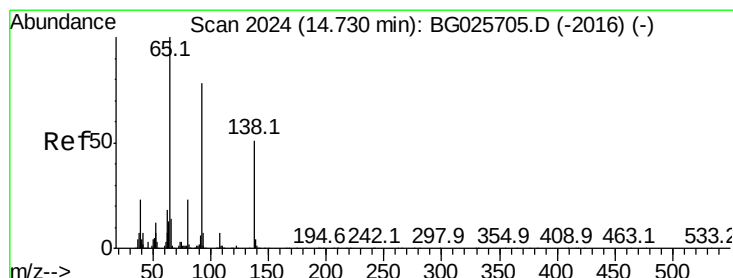
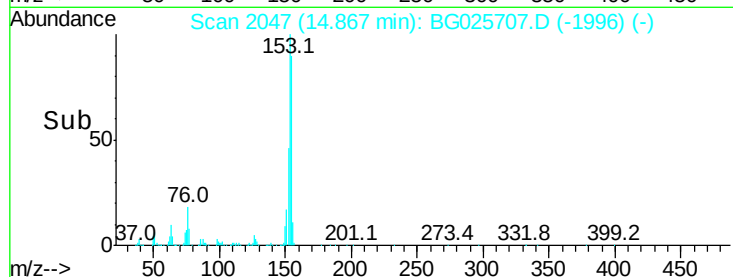
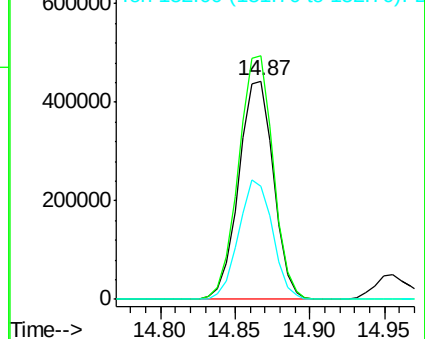
Ion	Ratio	Lower	Upper
154	100		
153	111.4	87.8	131.6
152	52.0	42.2	63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 64.10 ng

RT: 14.73 min Scan# 2023

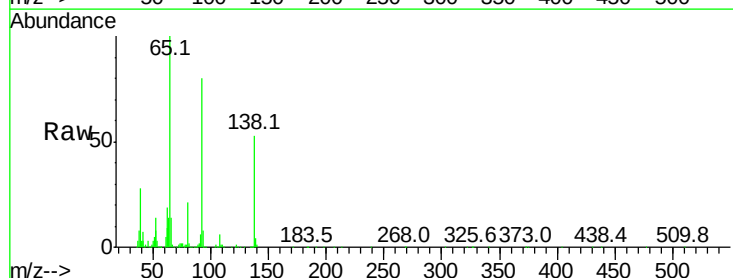
Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Tgt Ion:138 Resp: 212607

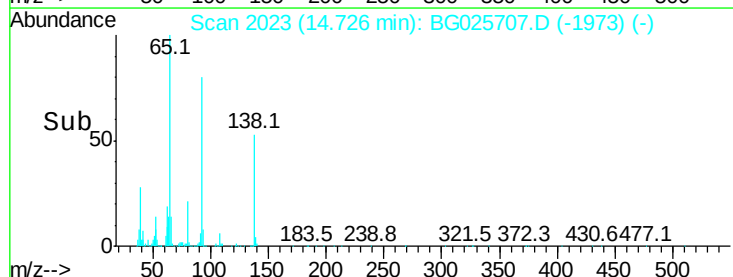
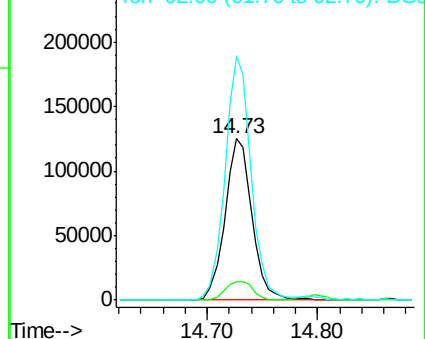
Ion	Ratio	Lower	Upper
138	100		
108	11.5	10.9	16.3
92	150.8	115.3	172.9

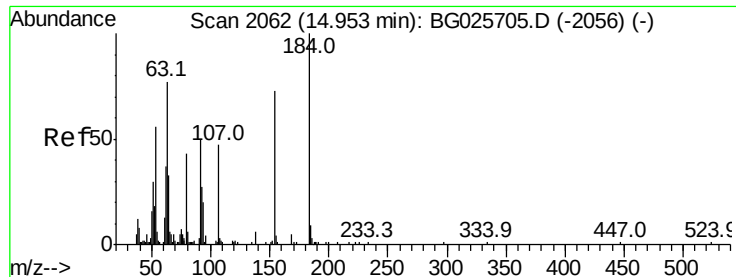


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

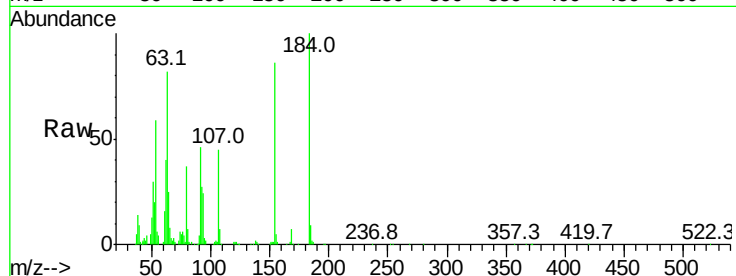




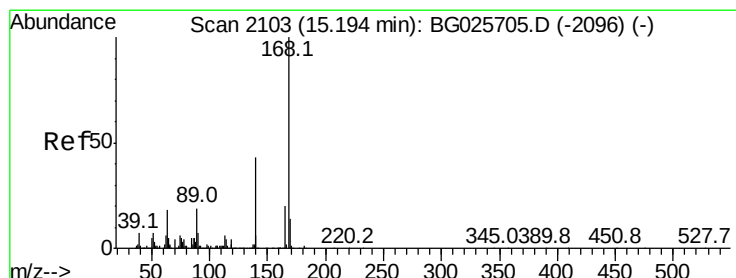
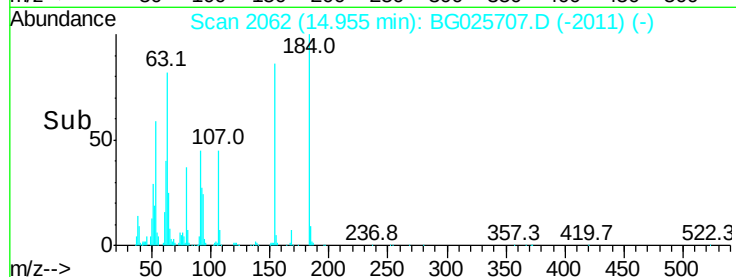
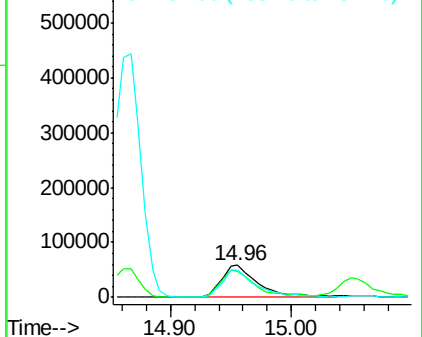
#53
2,4-Dinitrophenol
Concen: 62.94 ng
RT: 14.96 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 124579
Ion Ratio Lower Upper
184 100
63 82.1 52.7 79.1#
154 86.4 57.3 85.9#

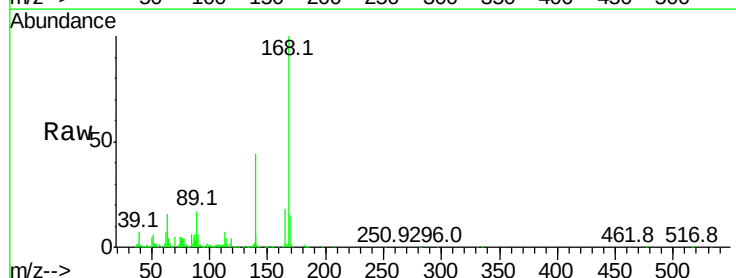


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

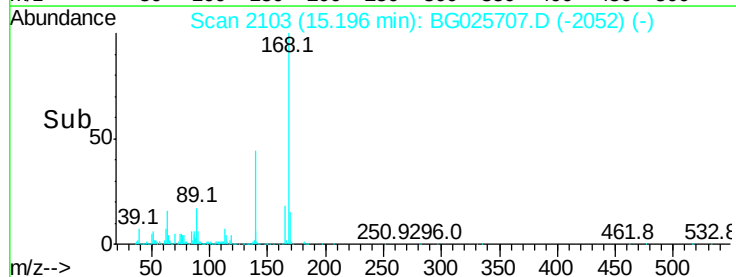
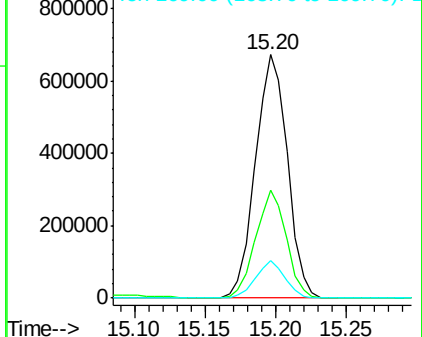


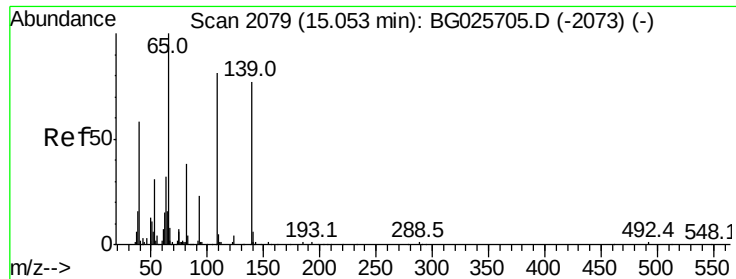
#54
Dibenzofuran
Concen: 58.70 ng
RT: 15.20 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

Tgt Ion:168 Resp: 1070842
Ion Ratio Lower Upper
168 100
139 44.4 35.3 52.9
169 15.3 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

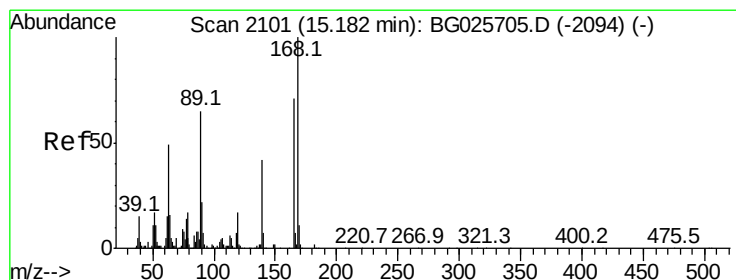
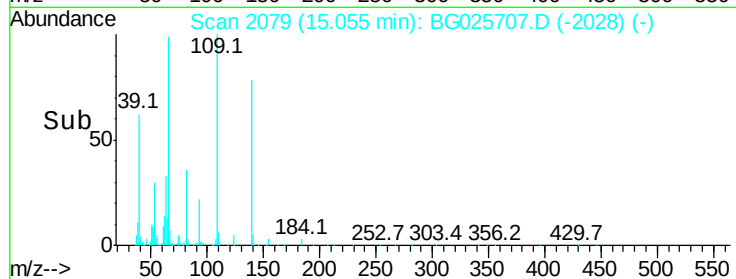
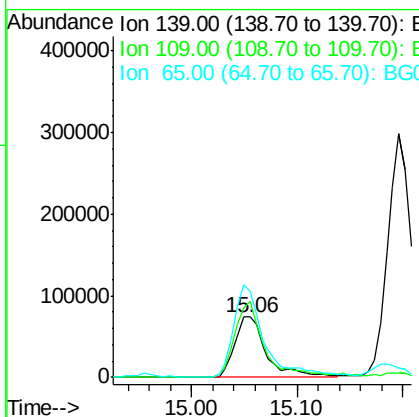
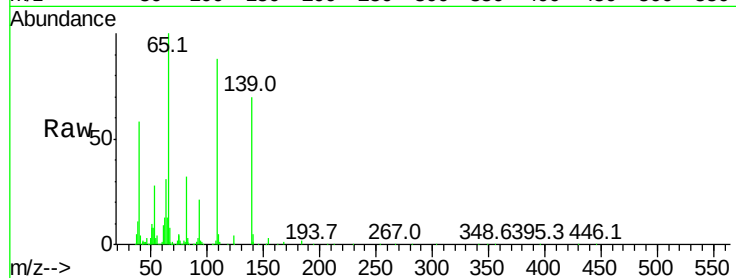




#55
4-Nitrophenol
Concen: 62.30 ng
RT: 15.06 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

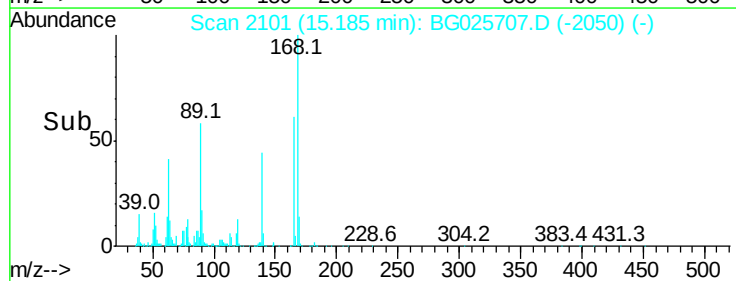
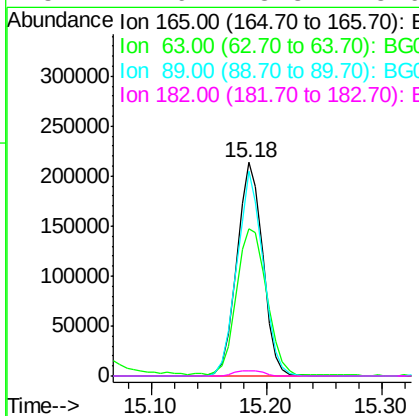
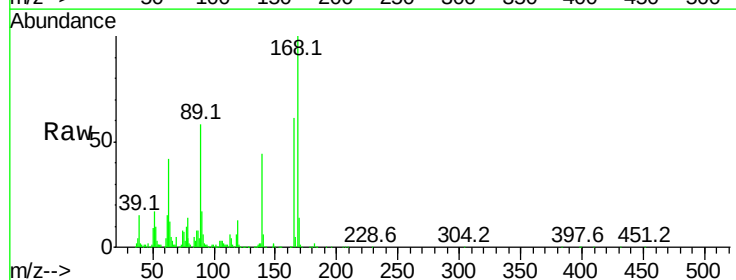
Instrument :
BNA_G
ClientSampleId :

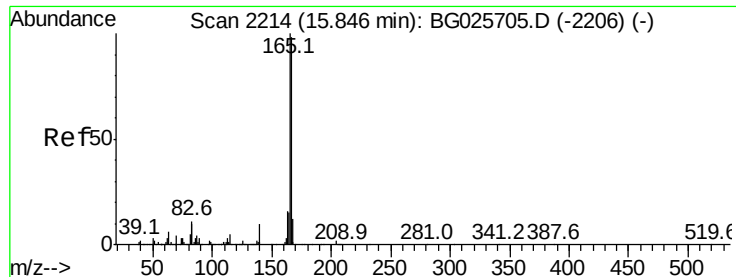
Tot Ion:139 Resp: 154349
Ion Ratio Lower Upper
139 100
109 126.2 101.2 141.2
65 143.1 135.3 175.3



#56
2,4-Dinitrotoluene
Concen: 65.76 ng
RT: 15.18 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

Tgt Ion:165 Resp: 330336
Ion Ratio Lower Upper
165 100
63 69.2 44.0 66.0#
89 96.0 67.3 100.9
182 2.6 3.8 5.6#





#57

Fluorene

Concen: 63.93 ng

RT: 15.84 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

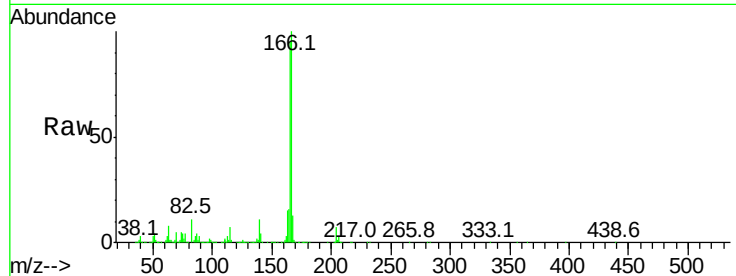
Instrument :

BNA_G

ClientSampleId :

Tot Ion:166 Resp: 976462

Ion	Ratio	Lower	Upper
166	100		
165	94.5	78.6	117.8
167	12.9	11.6	17.4

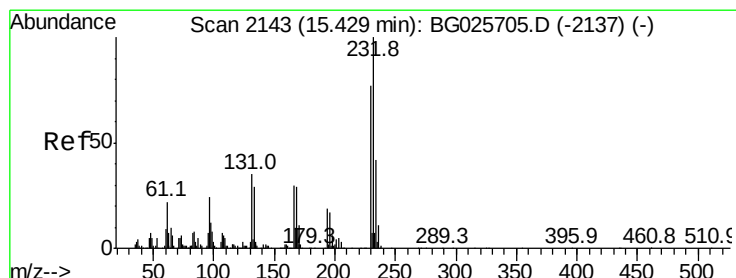
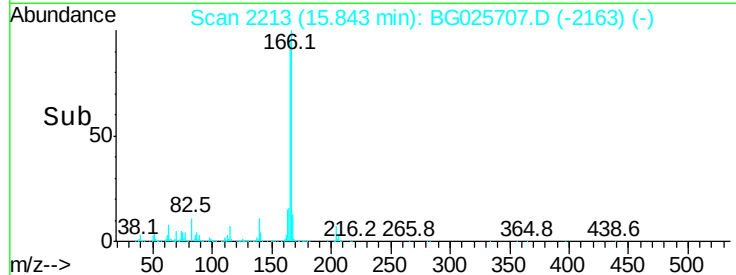
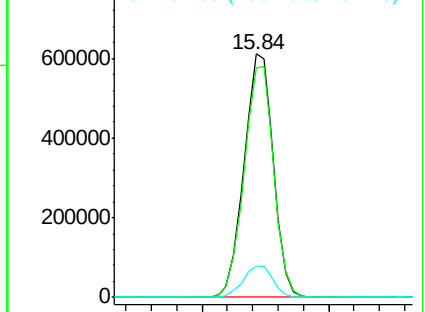


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.58 ng

RT: 15.43 min Scan# 2143

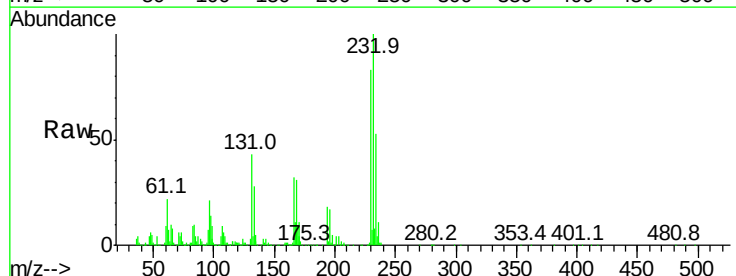
Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Tgt Ion:232 Resp: 265530

Ion	Ratio	Lower	Upper
232	100		
131	45.3	34.9	52.3
130	2.4	2.3	3.5
166	30.1	24.2	36.4



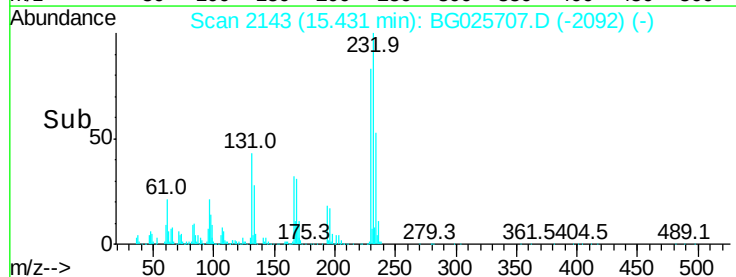
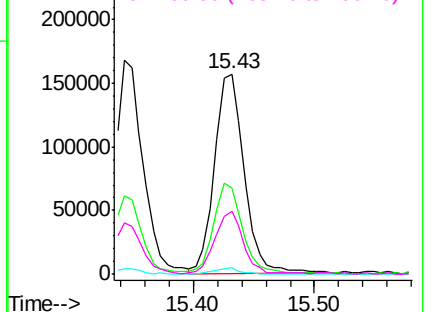
Abundance

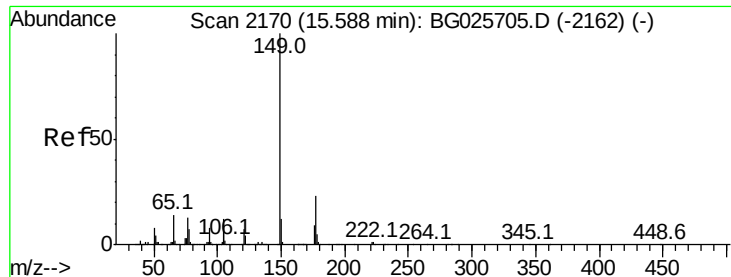
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

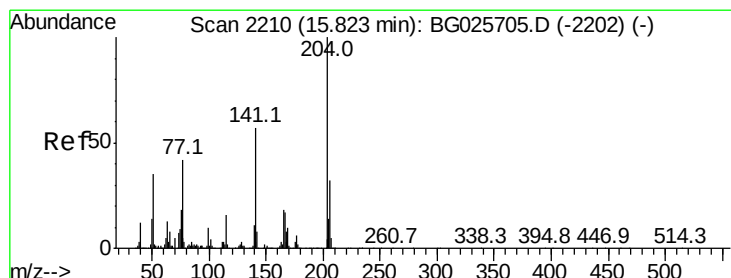
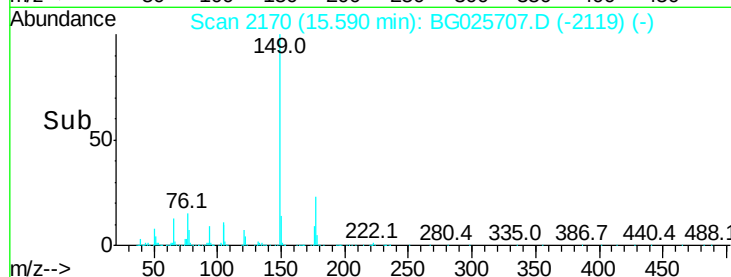
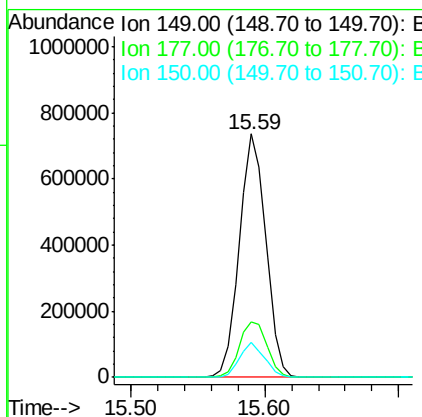
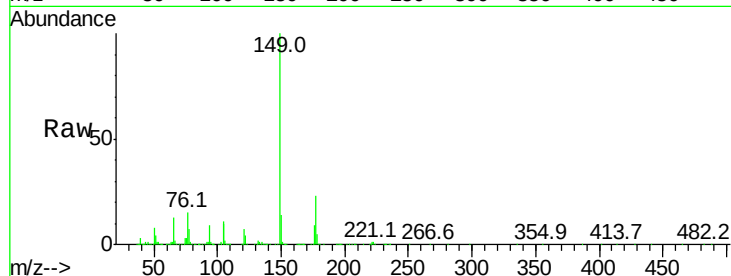




#59
Diethylphthalate
Concen: 60.86 ng
RT: 15.59 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

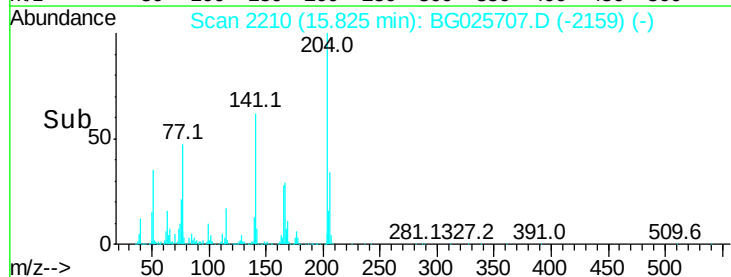
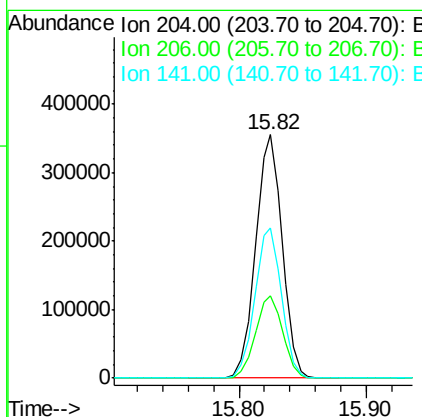
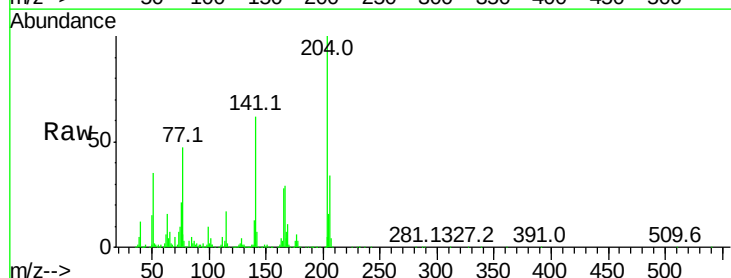
Instrument :
BNA_G
ClientSampleId :

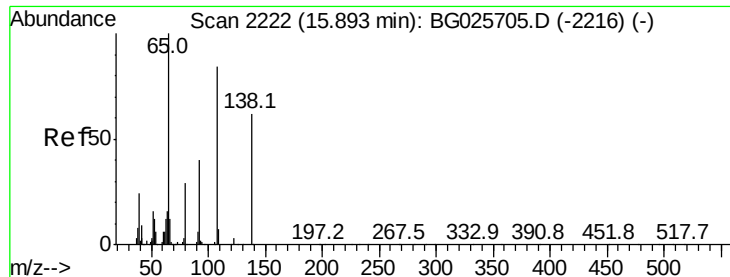
Tot Ion:149 Resp: 1007900
Ion Ratio Lower Upper
149 100
177 22.7 20.1 30.1
150 14.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 59.77 ng
RT: 15.82 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

Tgt Ion:204 Resp: 517410
Ion Ratio Lower Upper
204 100
206 33.9 30.1 45.1
141 61.6 50.6 76.0

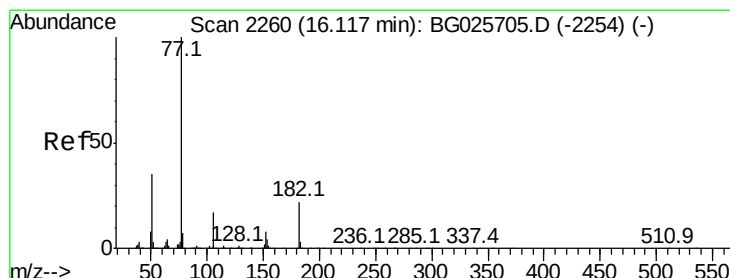
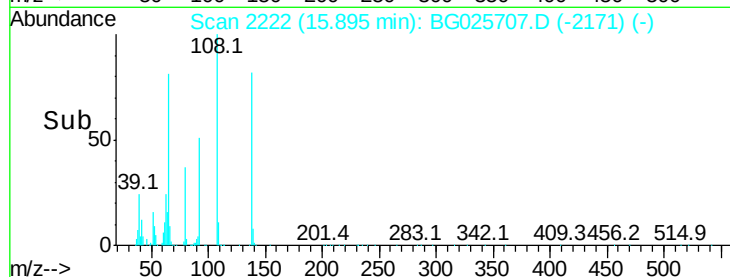
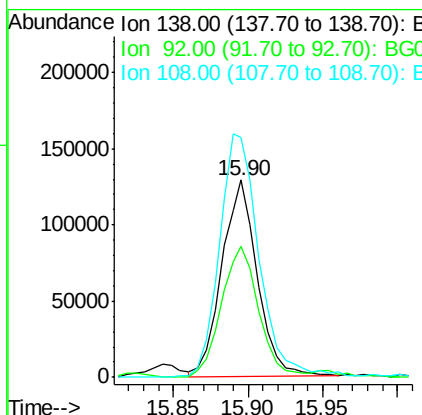
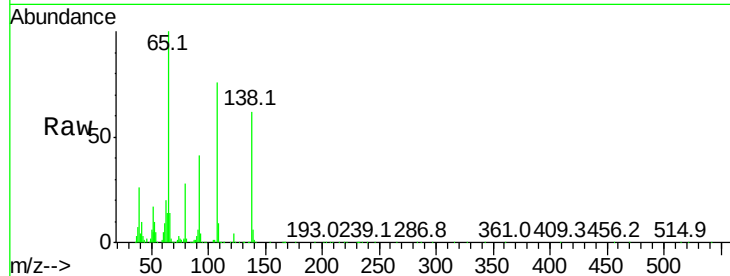




#61
4-Nitroaniline
Concen: 63.85 ng
RT: 15.90 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

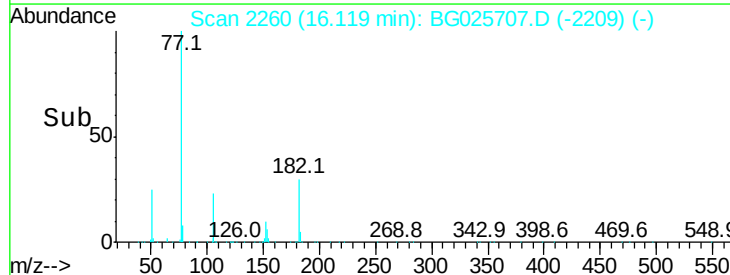
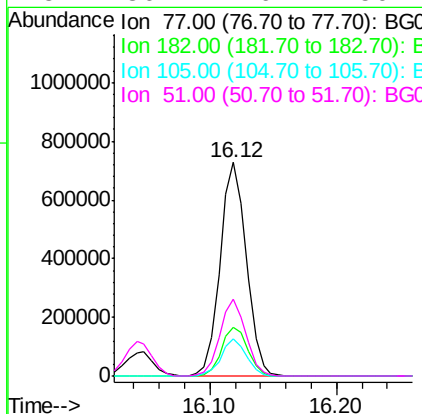
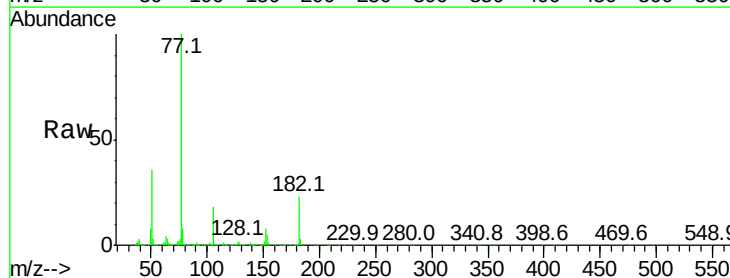
Instrument :
BNA_G
ClientSampleId :

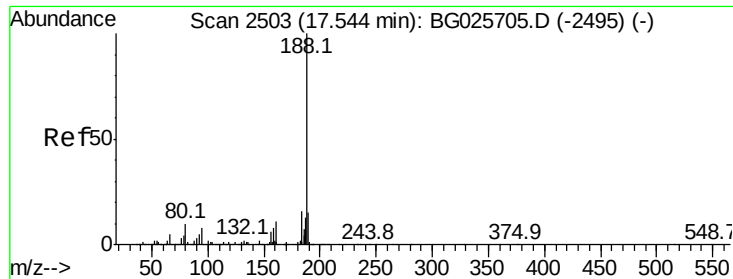
Tot Ion:138 Resp: 213120
Ion Ratio Lower Upper
138 100
92 66.2 44.2 84.2
108 121.7 104.8 144.8



#62
Azobenzene
Concen: 65.25 ng
RT: 16.12 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG025707.D
Acq: 30 Jan 2017 16:31

Tgt Ion: 77 Resp: 1042234
Ion Ratio Lower Upper
77 100
182 23.0 4.7 44.7
105 17.6 0.0 36.3
51 36.2 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampleId :

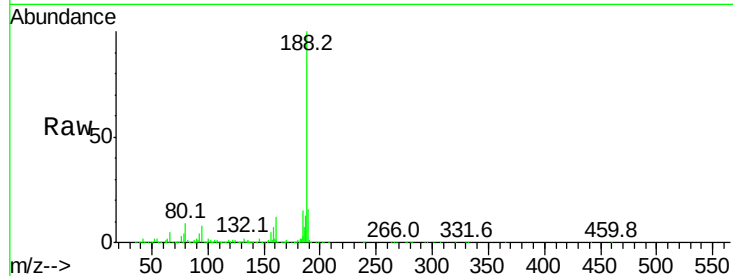
Tot Ion:188 Resp: 508260

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.8

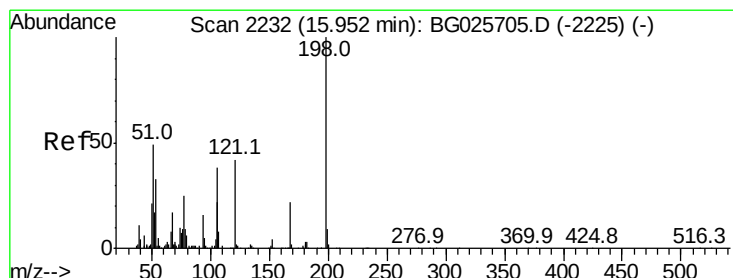
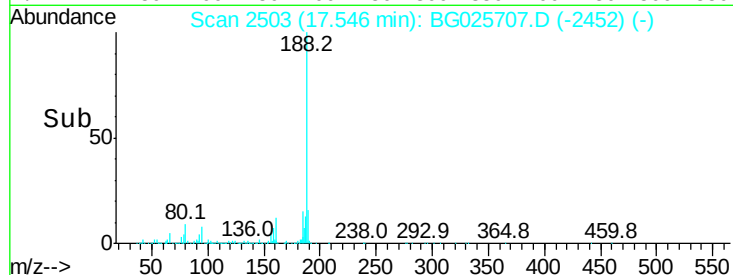
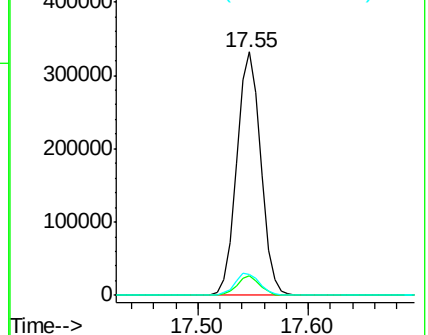
80 8.7 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG025707.D (-2495) (-)

Ion 80.00 (79.70 to 80.70): BG025707.D (-2495) (-)



#64

4,6-Dinitro-2-methylphenol

Concen: 64.42 ng

RT: 15.95 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

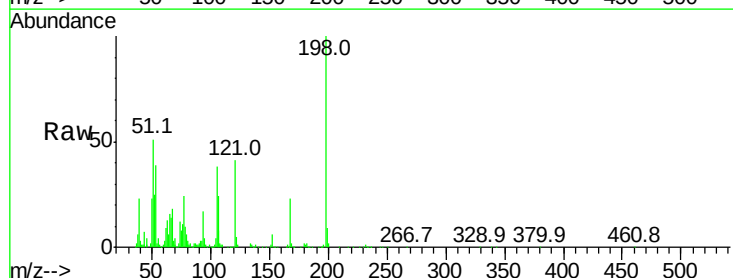
Tgt Ion:198 Resp: 226758

Ion Ratio Lower Upper

198 100

51 50.6 22.6 62.6

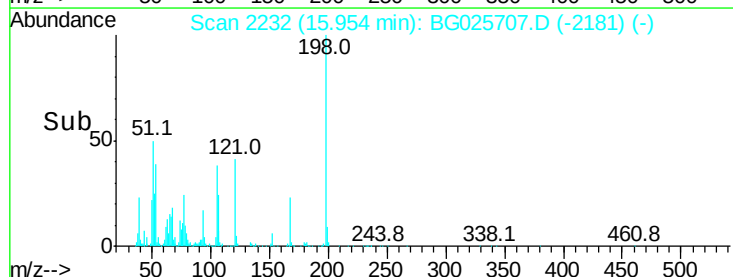
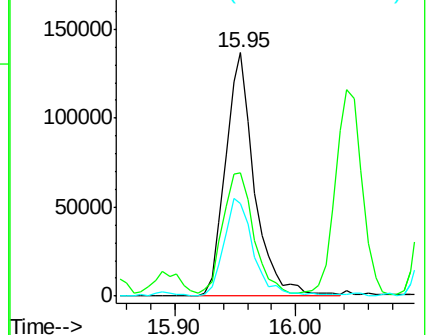
105 37.9 14.4 54.4

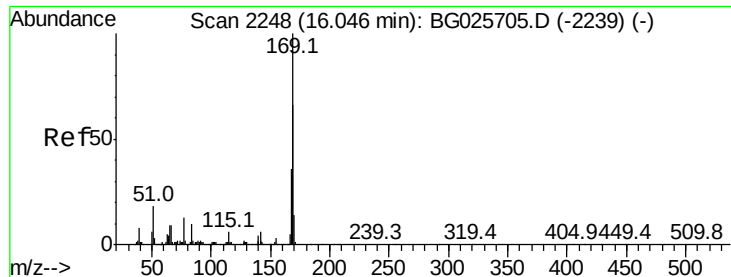


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG025707.D (-2225) (-)

Ion 105.00 (104.70 to 105.70): BG025707.D (-2225) (-)





#65

n-Nitrosodiphenylamine

Concen: 62.60 ng

RT: 16.04 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

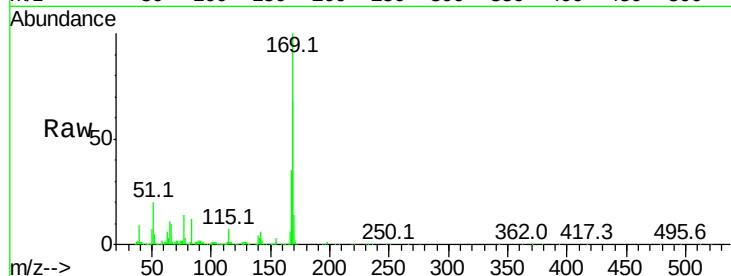
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 859941

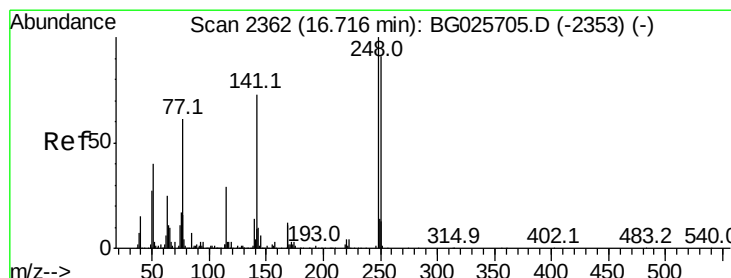
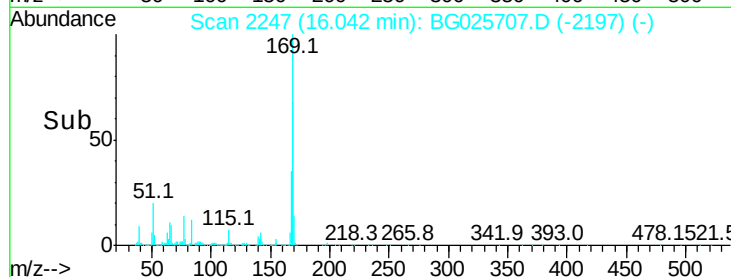
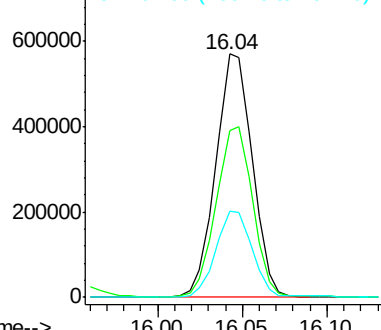
Ion	Ratio	Lower	Upper
169	100		
168	68.3	55.7	83.5
167	35.4	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 58.49 ng

RT: 16.72 min Scan# 2362

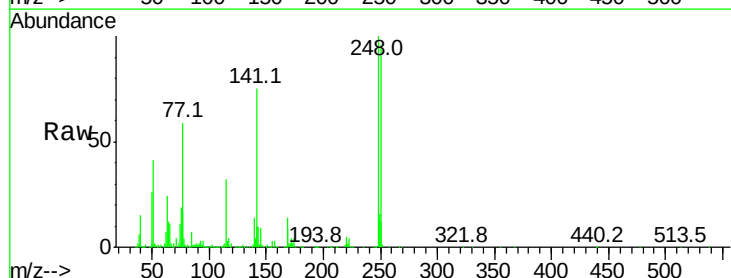
Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Tgt Ion:248 Resp: 366777

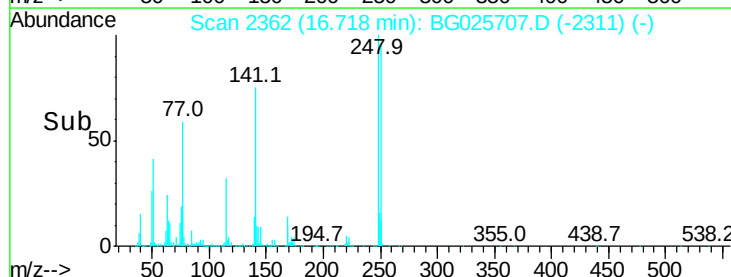
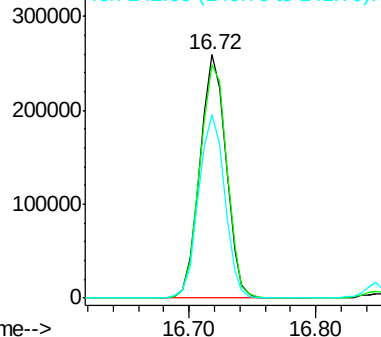
Ion	Ratio	Lower	Upper
248	100		
250	95.6	75.0	112.6
141	75.3	55.2	82.8

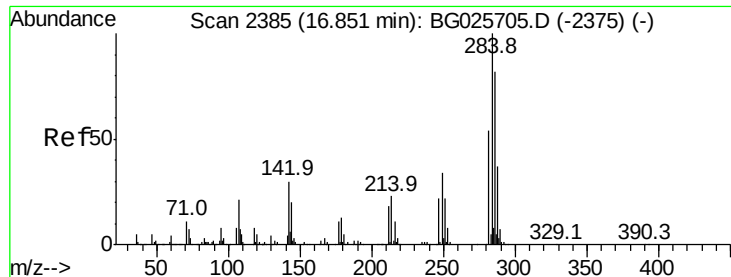


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 56.40 ng

RT: 16.85 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampleId :

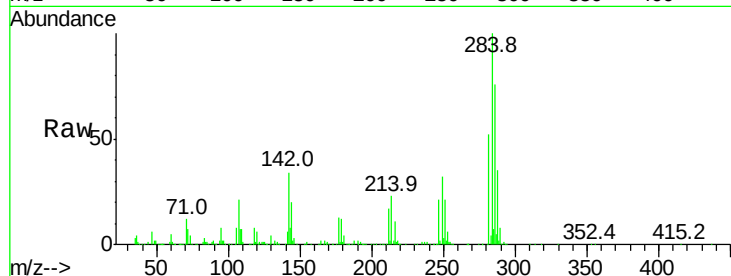
Tot Ion:284 Resp: 405841

Ion Ratio Lower Upper

284 100

142 34.4 29.9 44.9

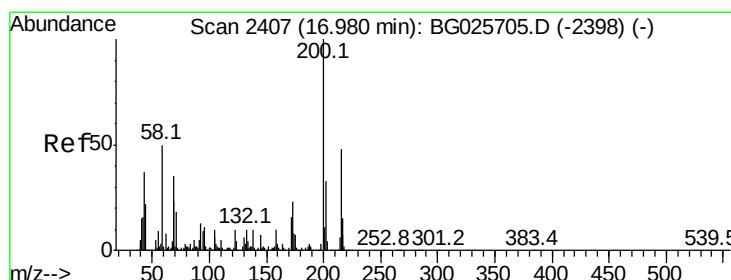
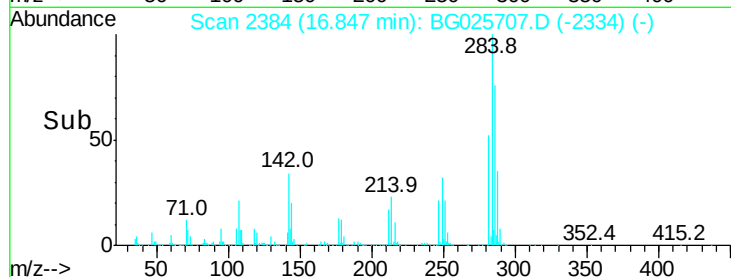
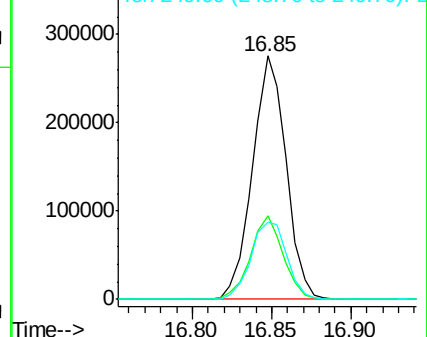
249 31.7 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 70.00 ng

RT: 16.98 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

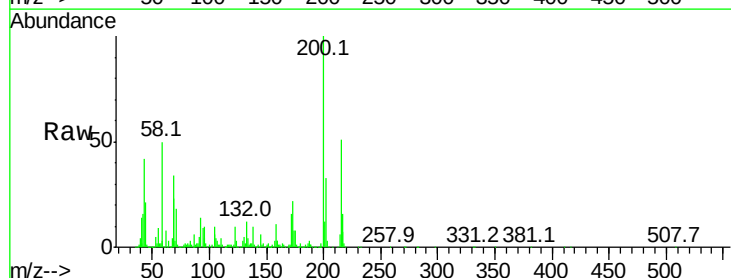
Tgt Ion:200 Resp: 421353

Ion Ratio Lower Upper

200 100

173 21.9 3.0 43.0

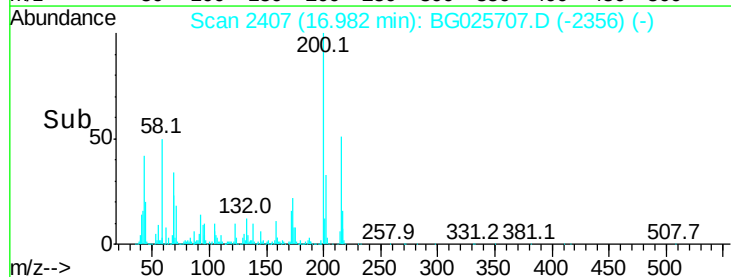
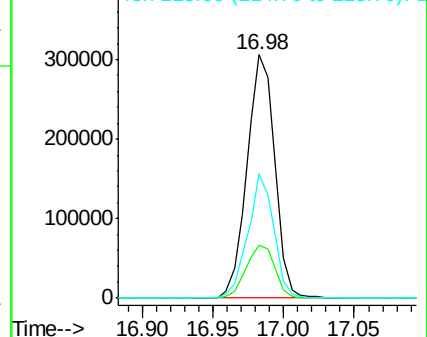
215 51.0 28.4 68.4

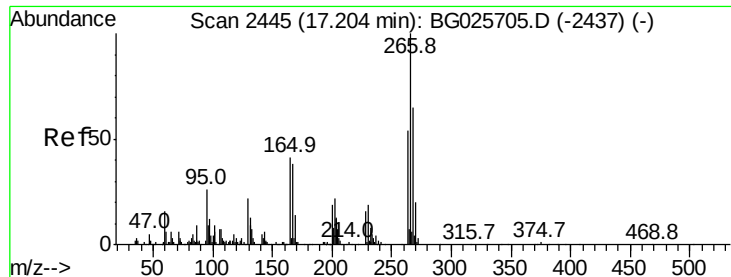


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

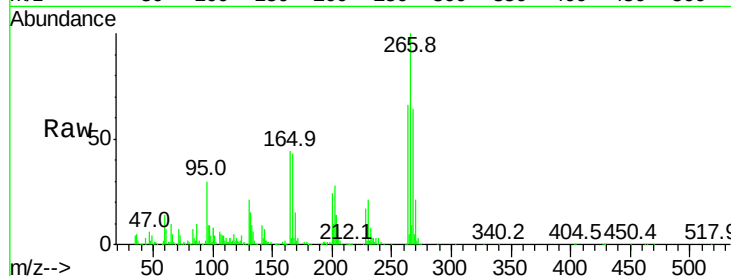




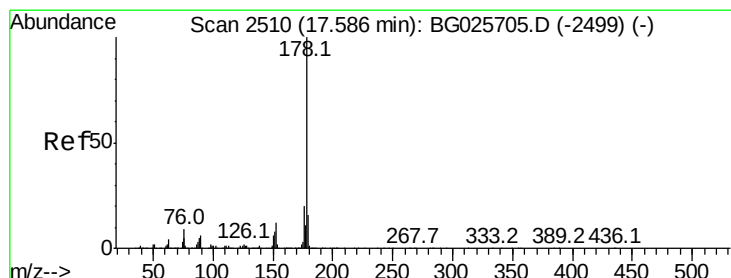
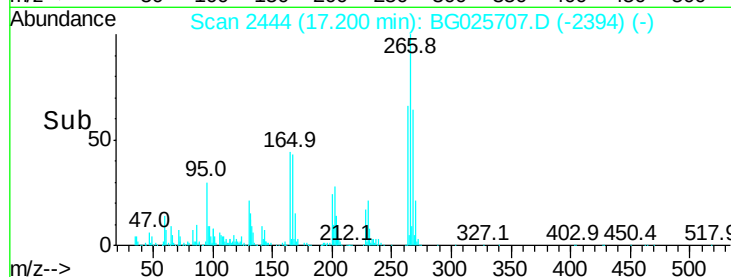
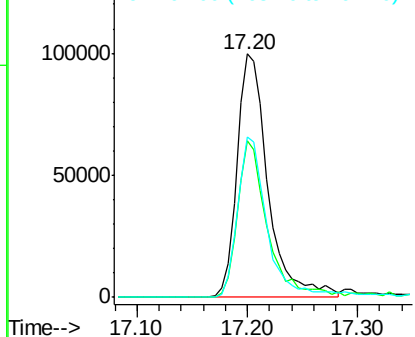
#69
 Pentachlorophenol
 Concen: 52.59 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG025707.D
 Acq: 30 Jan 2017 16:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	48.6	72.8
264	66.1	50.1	75.1

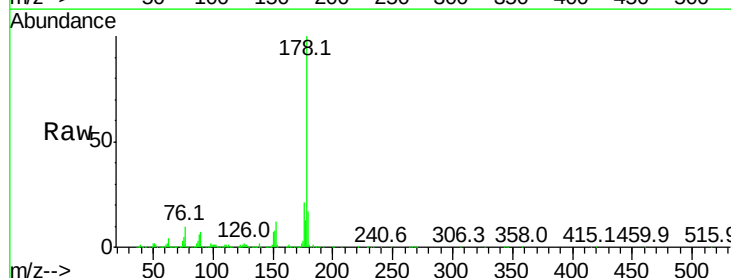


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

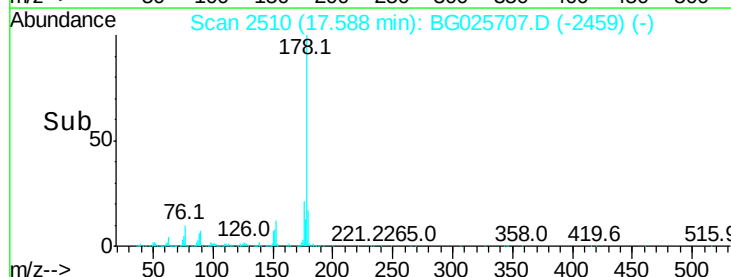
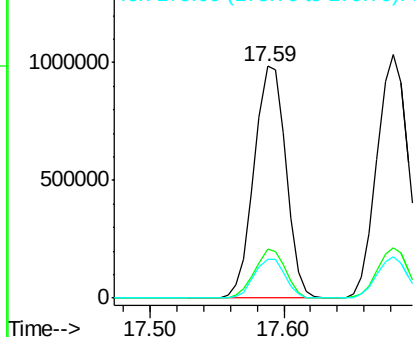


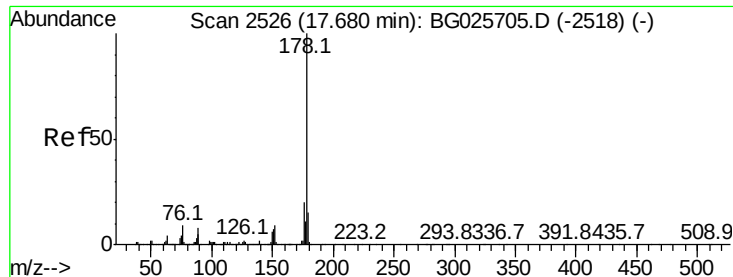
#70
 Phenanthrene
 Concen: 61.90 ng
 RT: 17.59 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG025707.D
 Acq: 30 Jan 2017 16:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	17.7	26.5
179	16.7	15.0	22.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 63.09 ng

RT: 17.68 min Scan# 2526

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampleId :

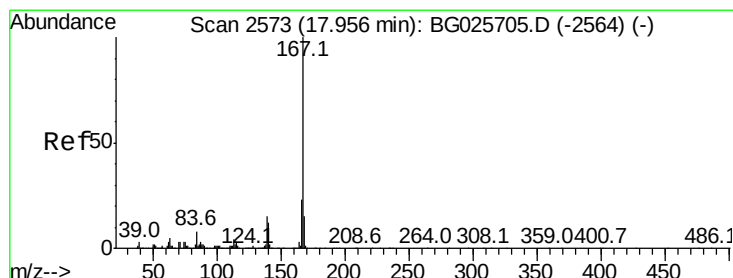
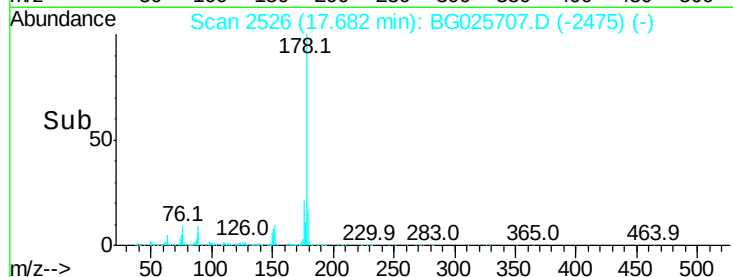
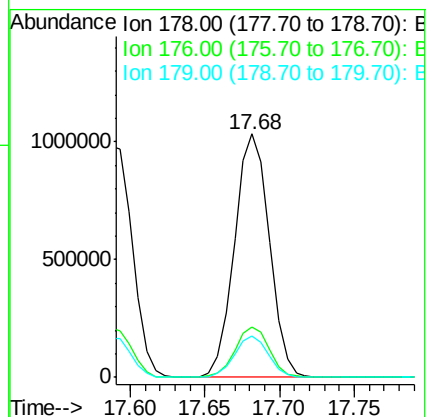
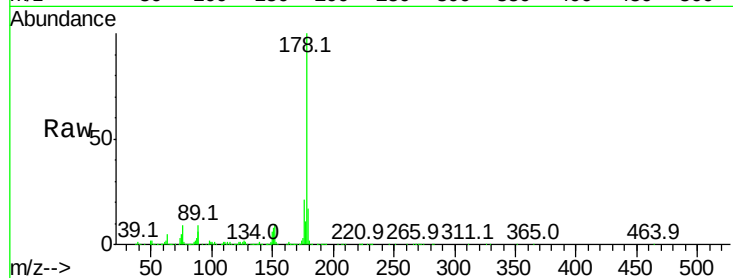
Tot Ion:178 Resp: 1678876

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.4	24.6
179	17.1	13.8	20.8

178 100

176 20.6 16.4 24.6

179 17.1 13.8 20.8



#72

Carbazole

Concen: 69.13 ng

RT: 17.96 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

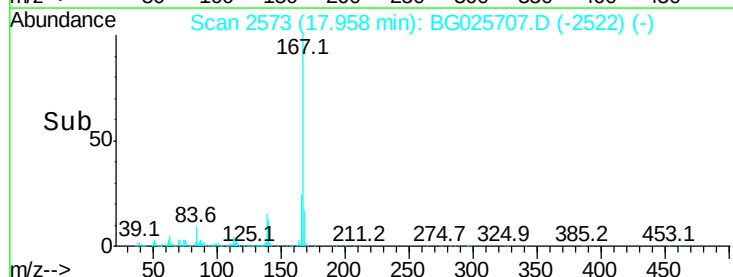
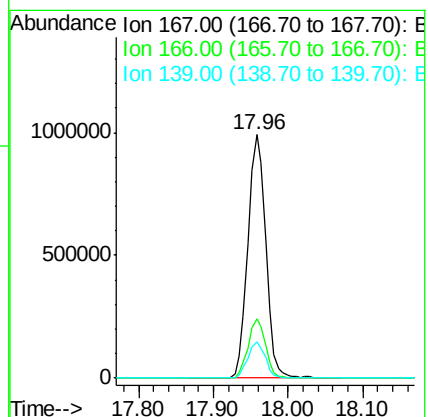
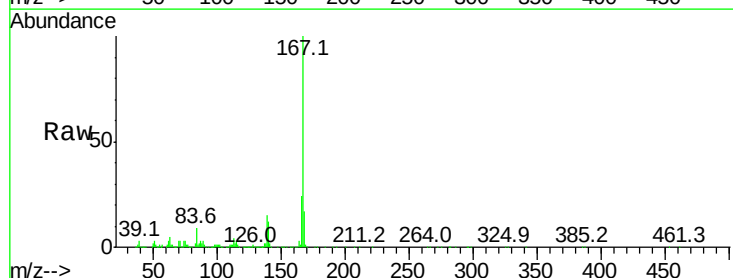
Tgt Ion:167 Resp: 1645674

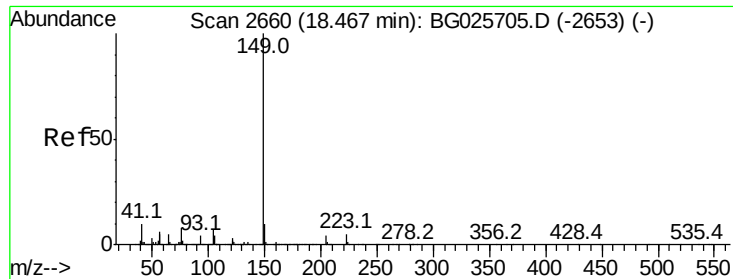
Ion	Ratio	Lower	Upper
167	100		
166	24.4	20.2	30.2
139	14.9	12.8	19.2

167 100

166 24.4 20.2 30.2

139 14.9 12.8 19.2





#73

Di-n-butylphthalate

Concen: 62.45 ng

RT: 18.47 min Scan# 2660

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampleId :

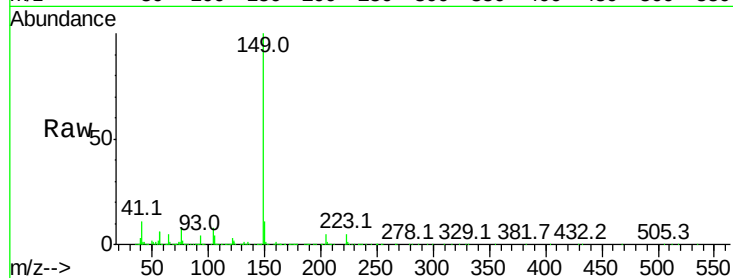
Tot Ion:149 Resp: 1828902

Ion Ratio Lower Upper

149 100

150 10.9 9.1 13.7

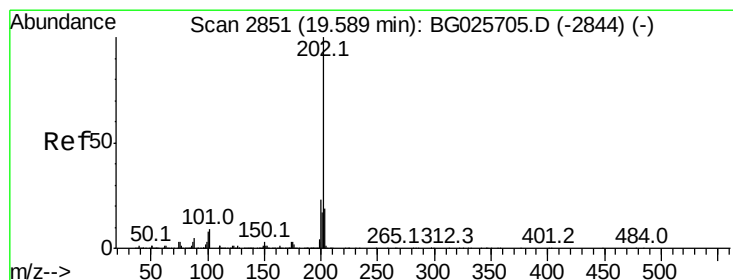
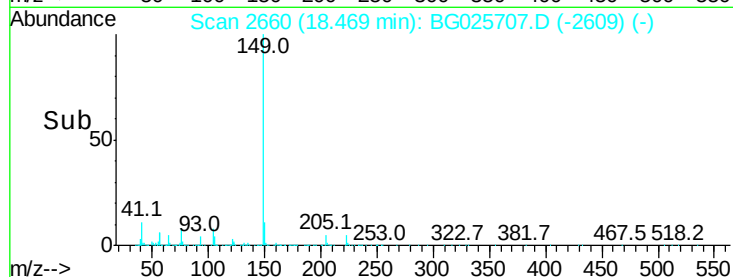
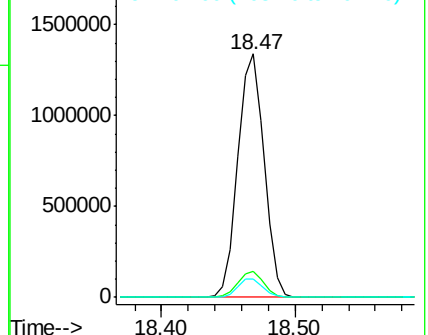
104 7.6 6.7 10.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 61.74 ng

RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

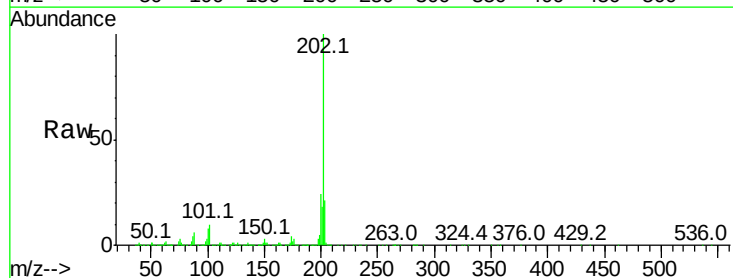
Tgt Ion:202 Resp: 2135797

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.1

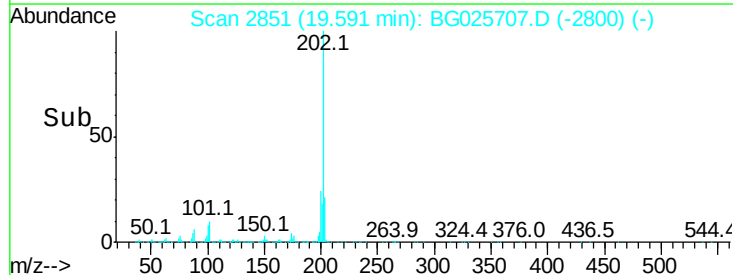
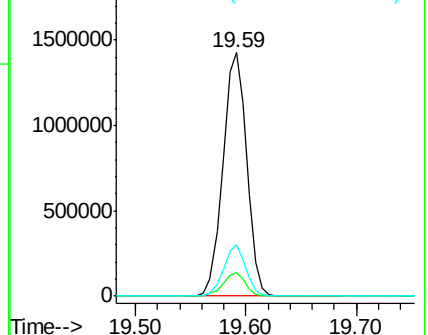
203 21.4 1.3 41.3

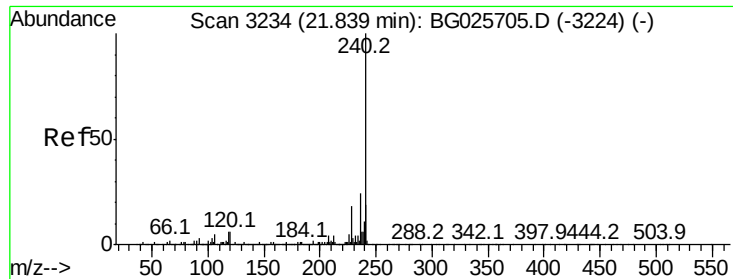


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampled :

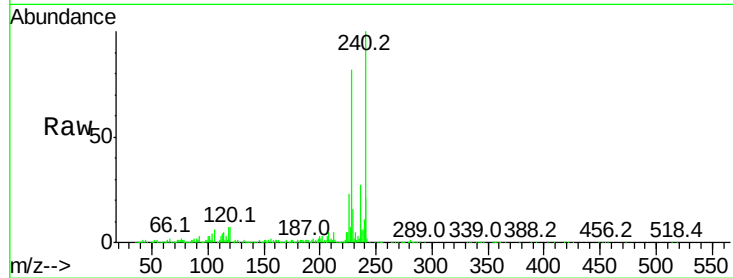
Tot Ion:240 Resp: 666889

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

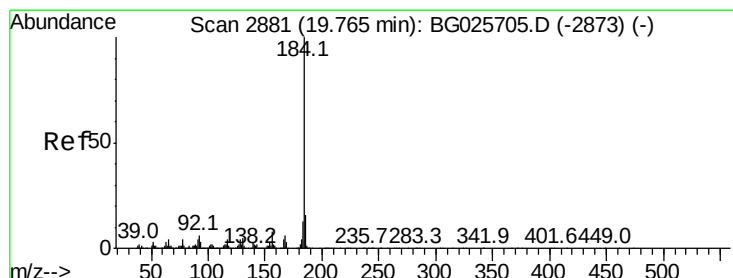
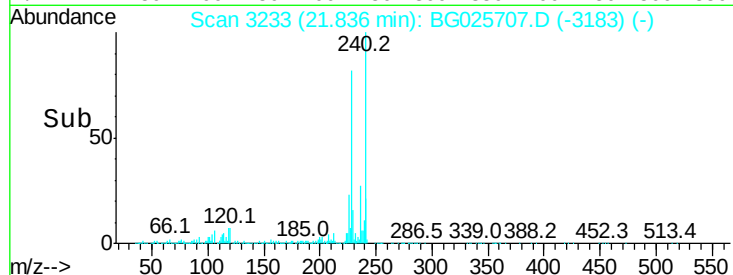
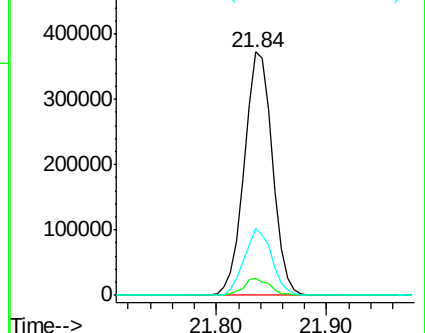
236 27.3 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 84.90 ng

RT: 19.77 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

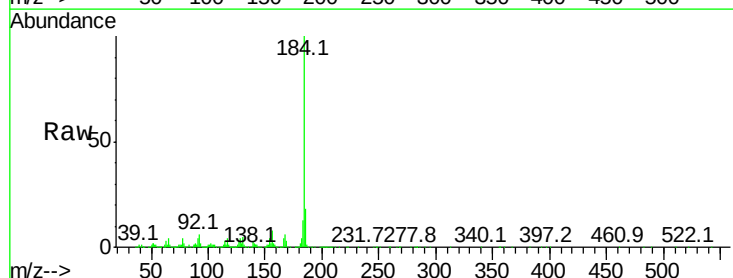
Tgt Ion:184 Resp: 1412357

Ion Ratio Lower Upper

184 100

185 18.0 13.0 19.6

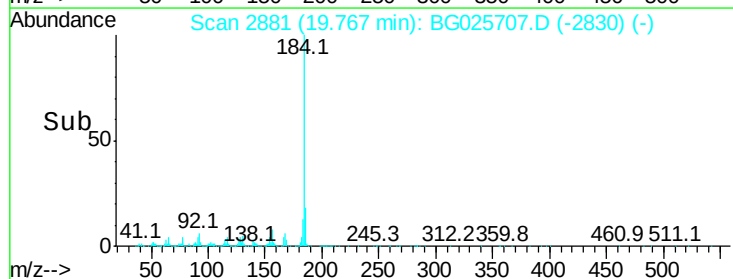
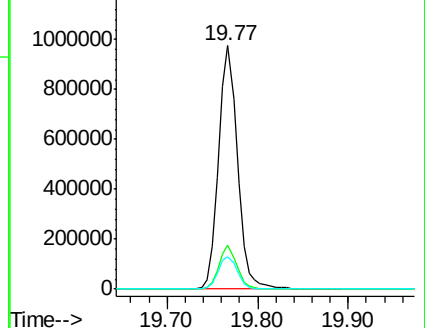
183 13.1 11.0 16.6

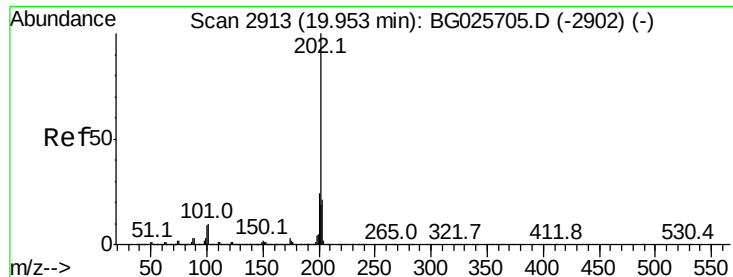


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 63.38 ng

RT: 19.96 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

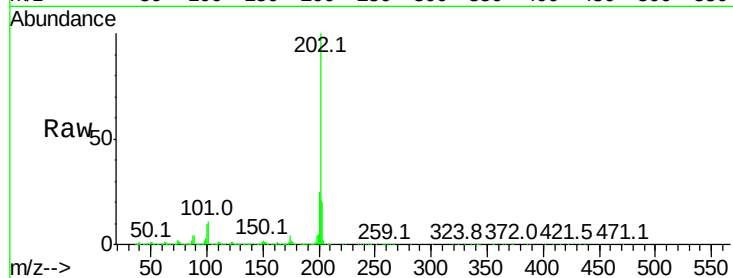
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 2208976

Ion	Ratio	Lower	Upper
202	100		
200	24.5	19.6	29.4
203	20.4	15.8	23.8

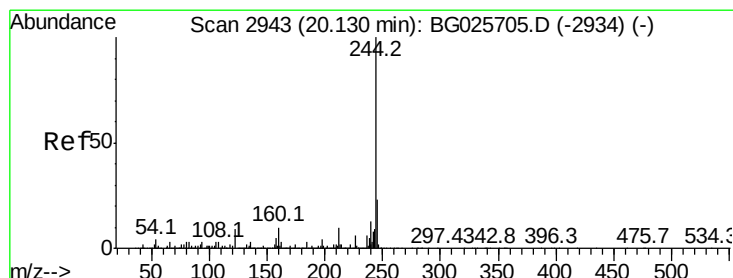
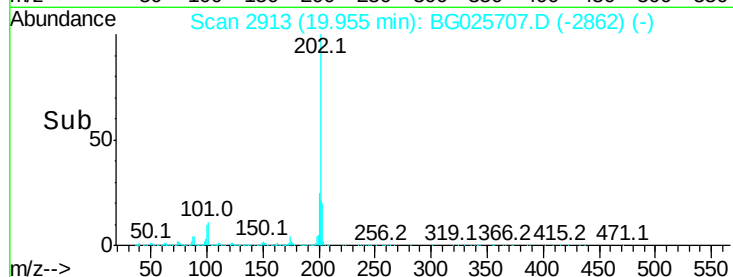
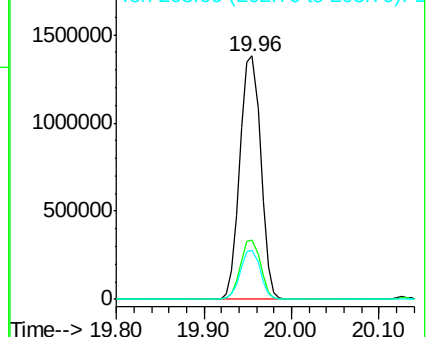


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 120.73 ng

RT: 20.13 min Scan# 2943

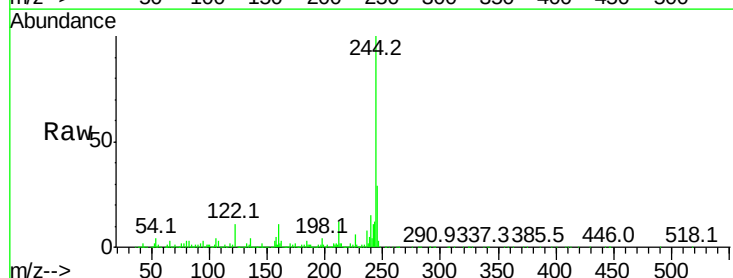
Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Tgt Ion:244 Resp: 3036588

Ion	Ratio	Lower	Upper
244	100		
212	12.0	10.0	15.0
122	10.7	8.6	12.8

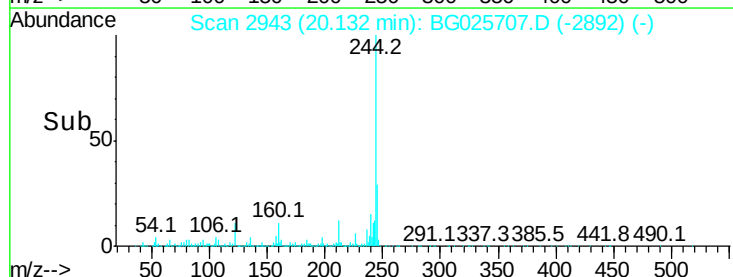
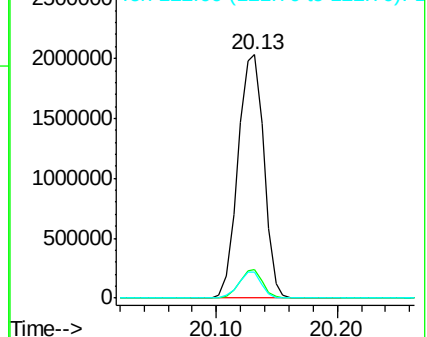


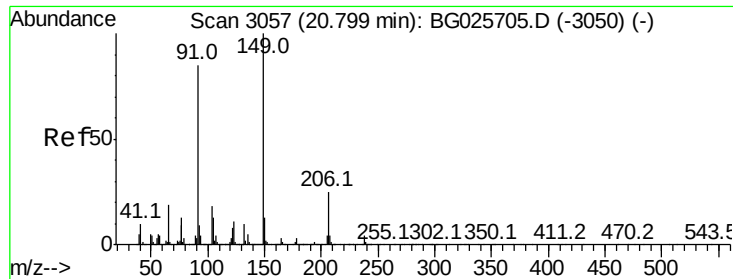
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 66.17 ng

RT: 20.80 min Scan# 3057

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampled :

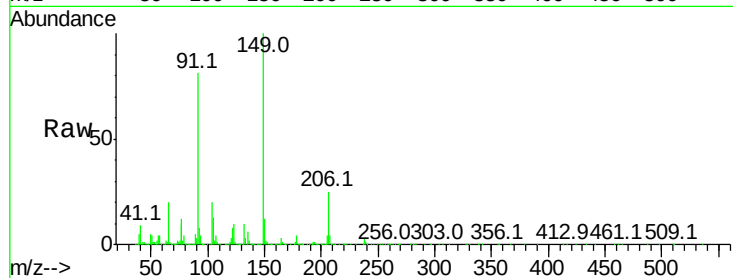
Tot Ion:149 Resp: 926008

Ion Ratio Lower Upper

149 100

91 81.2 63.5 95.3

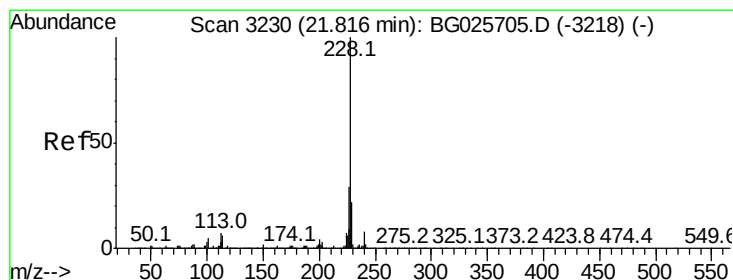
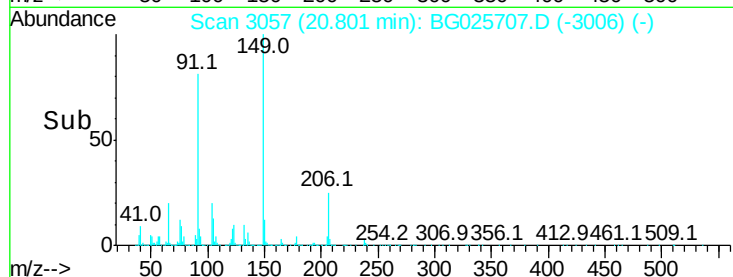
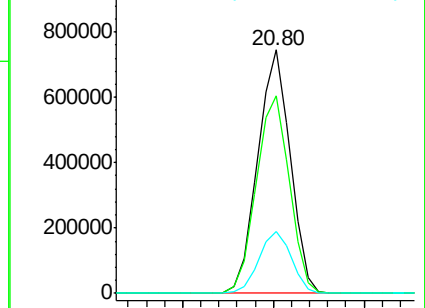
206 25.2 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 61.42 ng

RT: 21.82 min Scan# 3230

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

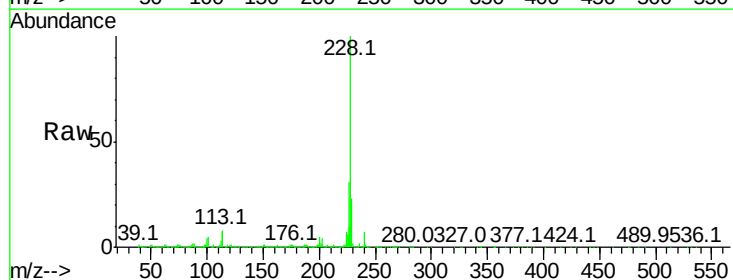
Tgt Ion:228 Resp: 2284698

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

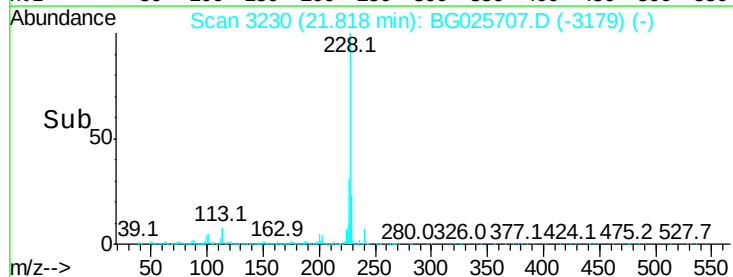
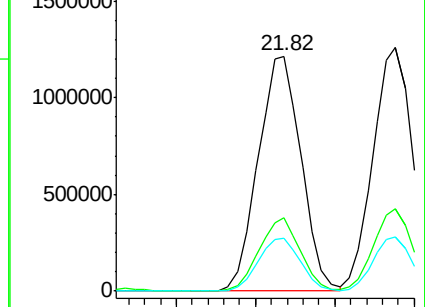
229 22.7 18.2 27.2

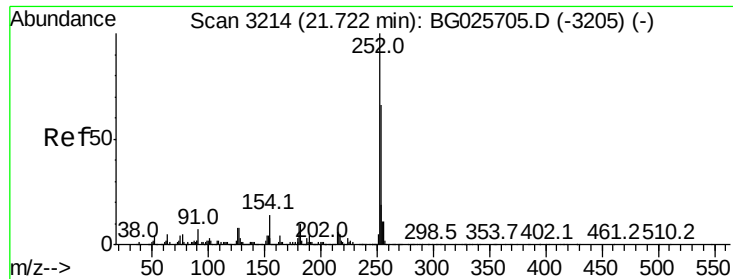


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

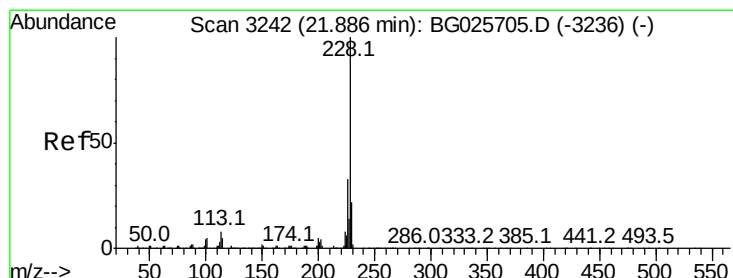
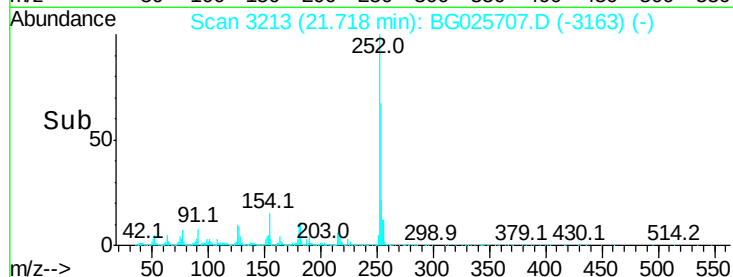
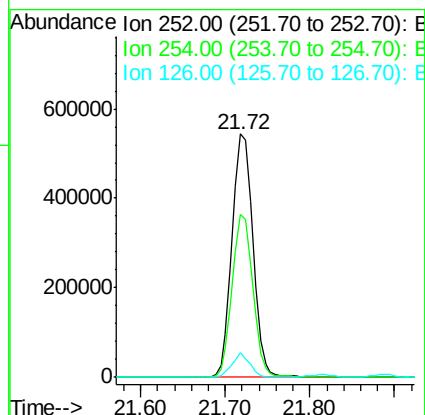
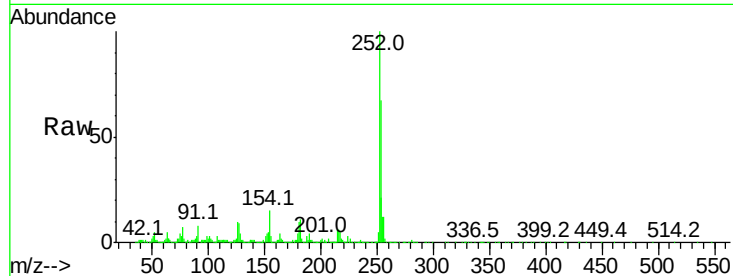




#81
 3,3'-Dichlorobenzidine
 Concen: 64.04 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: BG025707.D
 Acq: 30 Jan 2017 16:31

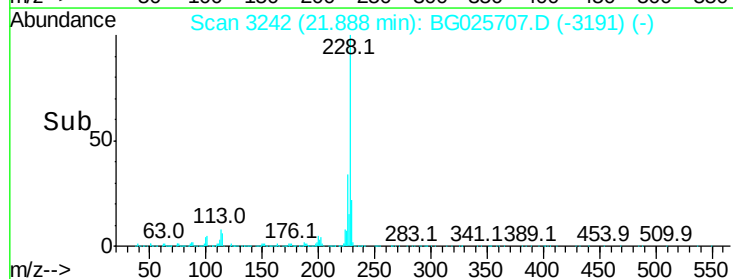
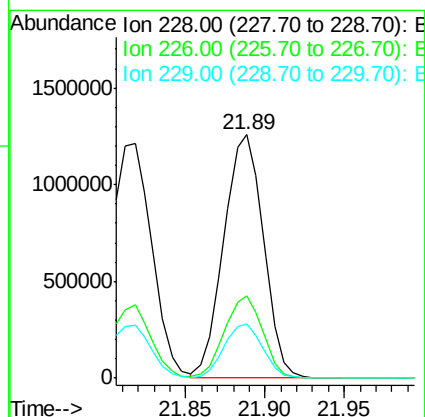
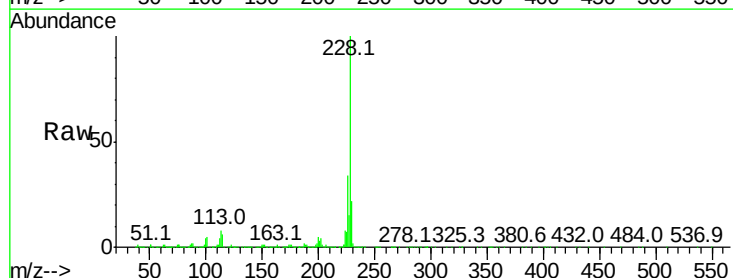
Instrument :
 BNA_G
 ClientSampleId :

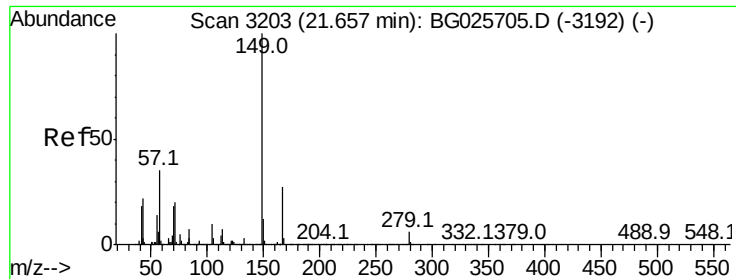
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.8	53.1	79.7
126	10.0	7.0	10.4



#82
 Chrysene
 Concen: 60.95 ng
 RT: 21.89 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: BG025707.D
 Acq: 30 Jan 2017 16:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	27.0	40.4
229	22.3	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 65.81 ng

RT: 21.65 min Scan# 3202

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

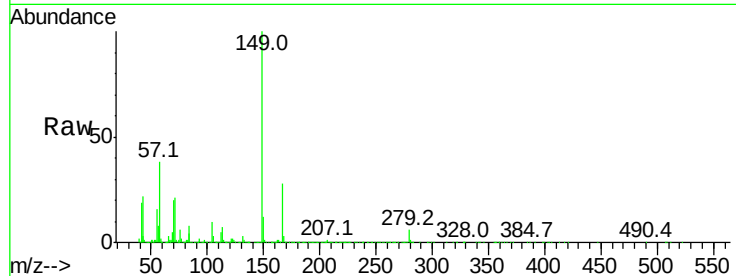
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1281586

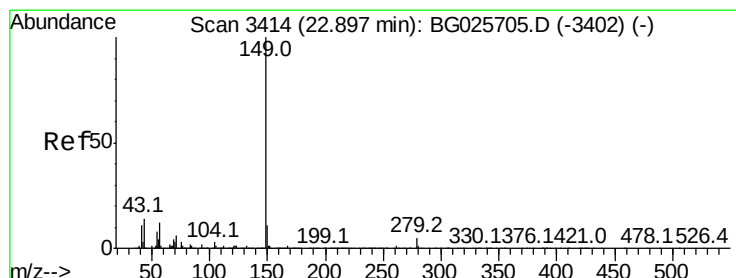
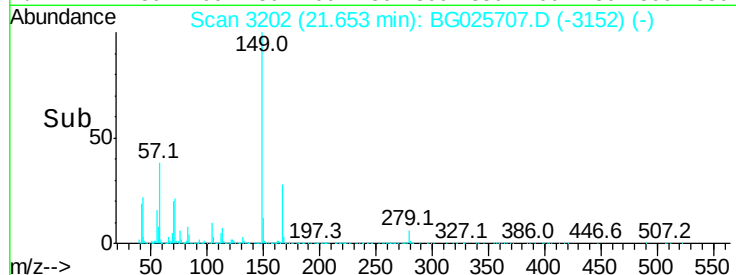
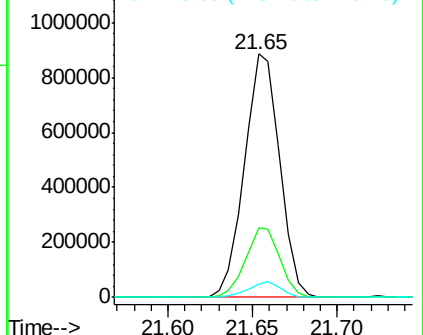
Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.7	35.5
279	5.6	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 65.64 ng

RT: 22.90 min Scan# 3414

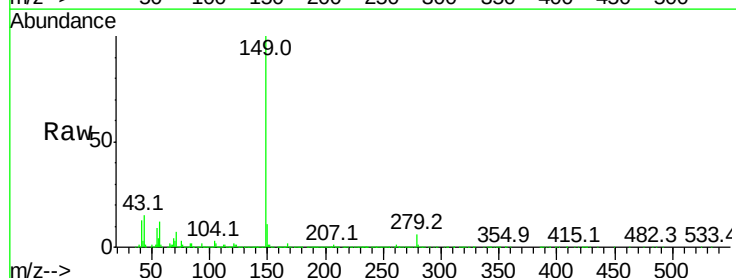
Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Tgt Ion:149 Resp: 2122333

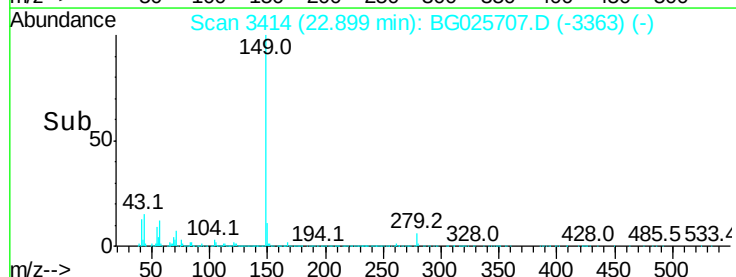
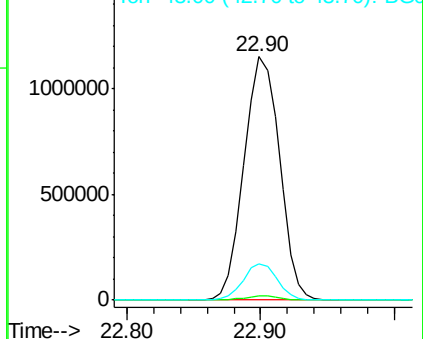
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	14.4	11.8	17.6

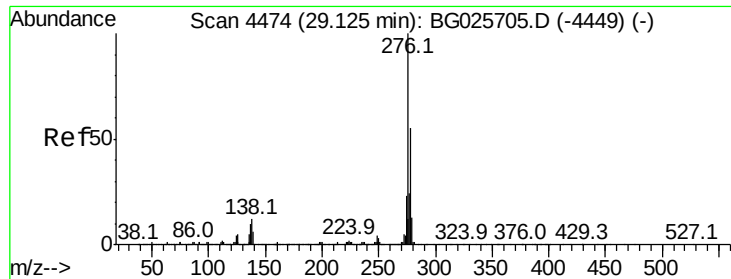


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 60.91 ng

RT: 29.12 min Scan# 4473

Delta R.T. -0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampleId :

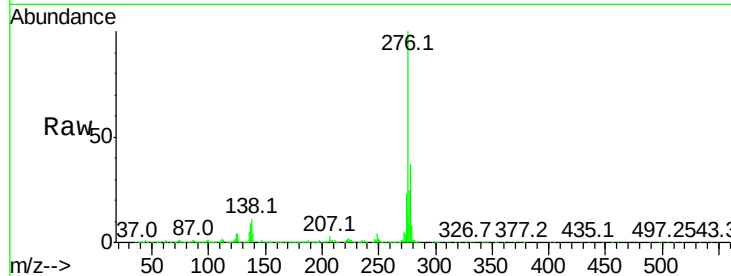
Tot Ion:276 Resp: 2762080

Ion Ratio Lower Upper

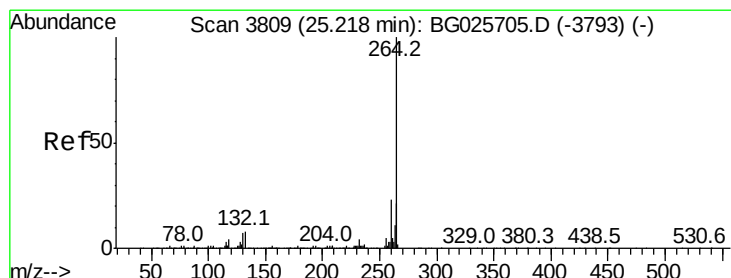
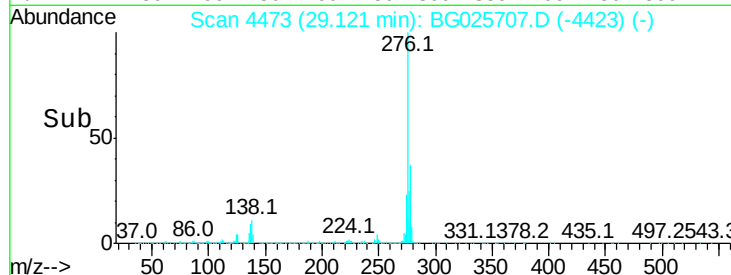
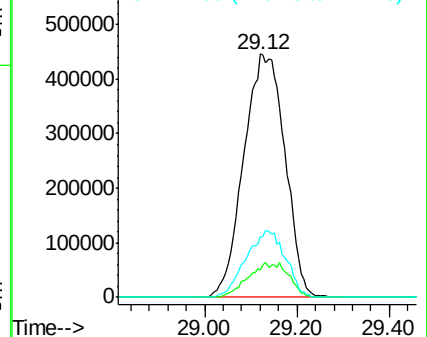
276 100

138 9.0 4.7 7.1#

277 26.3 20.6 31.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.22 min Scan# 3809

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

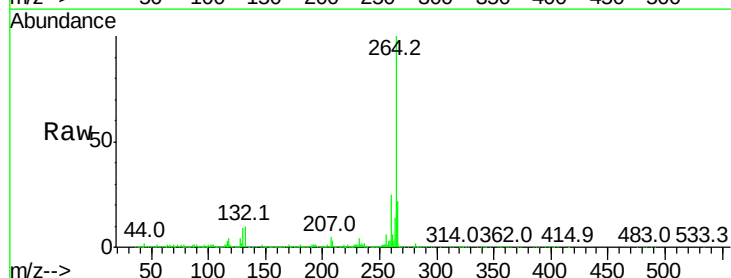
Tgt Ion:264 Resp: 682758

Ion Ratio Lower Upper

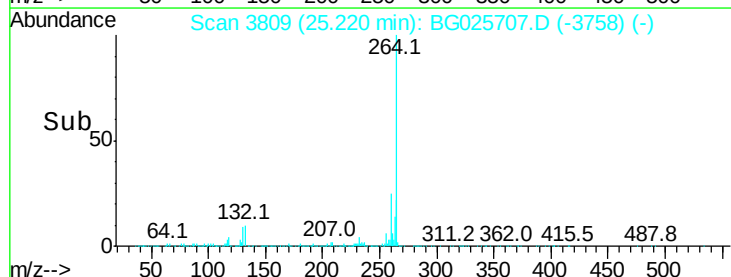
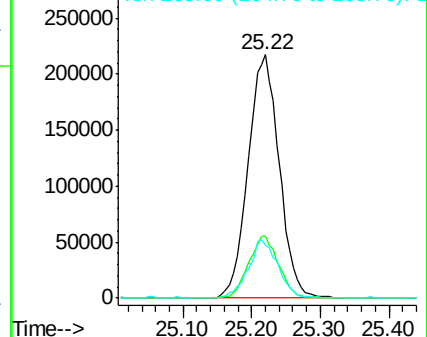
264 100

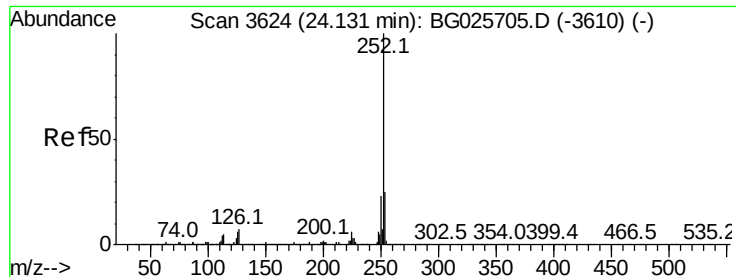
260 25.2 21.8 32.8

265 21.9 18.2 27.4



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





#87

Benzo(b)fluoranthene

Concen: 62.86 ng

RT: 24.14 min Scan# 3625

Delta R.T. 0.01 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampled :

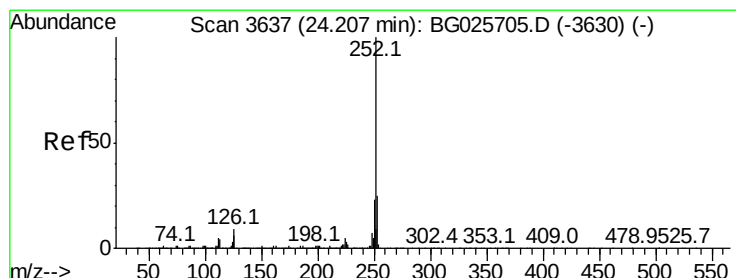
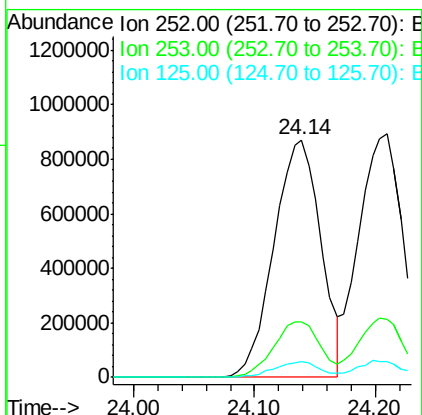
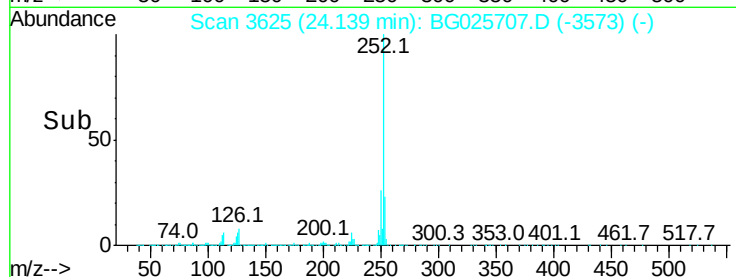
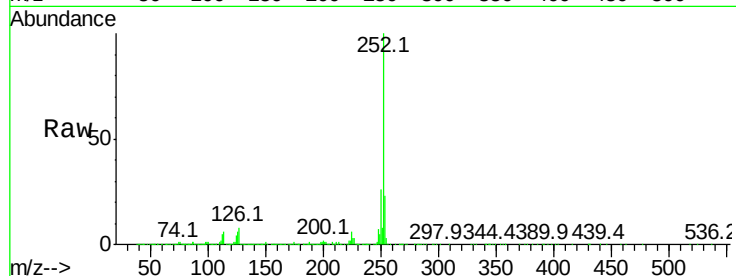
Tot Ion:252 Resp: 2341793

Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

125 6.4 5.3 7.9



#88

Benzo(k)fluoranthene

Concen: 62.86 ng

RT: 24.21 min Scan# 3637

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

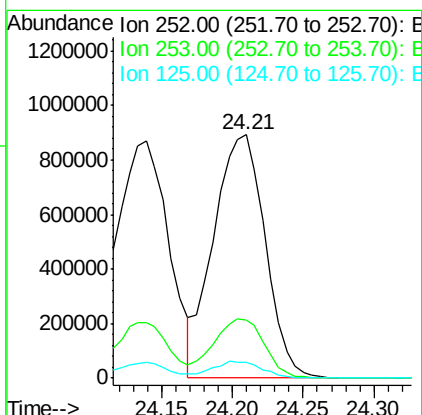
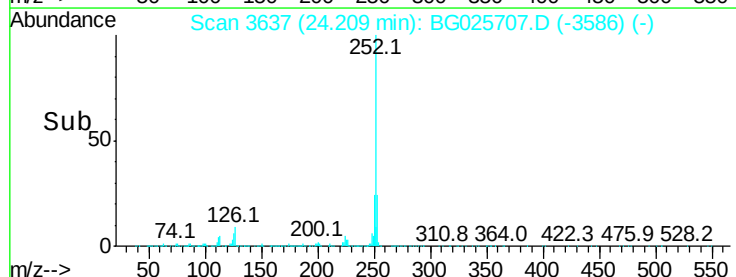
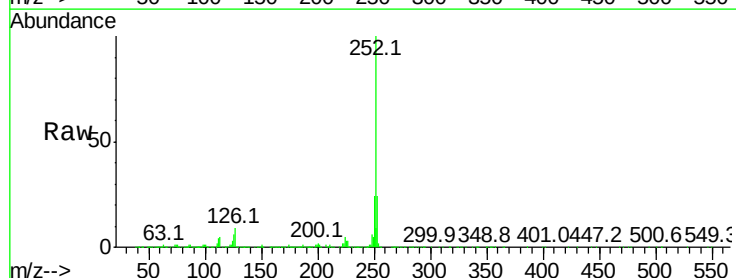
Tgt Ion:252 Resp: 2261324

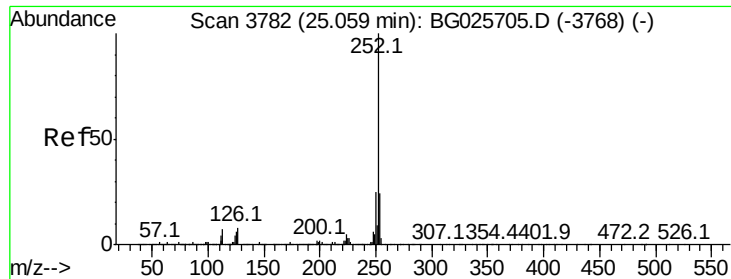
Ion Ratio Lower Upper

252 100

253 23.6 20.2 30.2

125 6.3 5.1 7.7





#89

Benzo(a)pyrene

Concen: 62.73 ng

RT: 25.06 min Scan# 3782

Delta R.T. 0.00 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

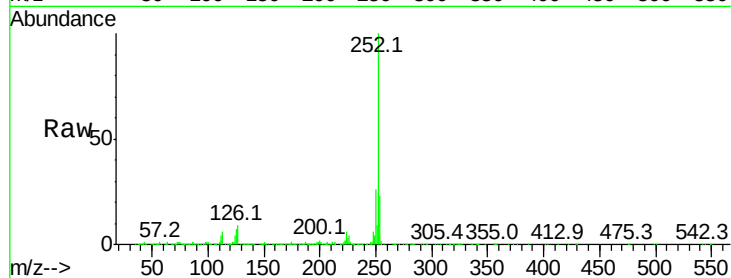
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 2257026

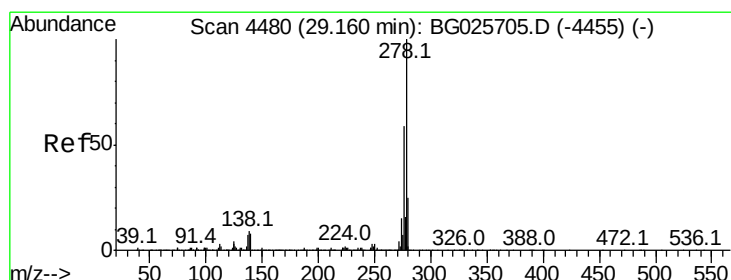
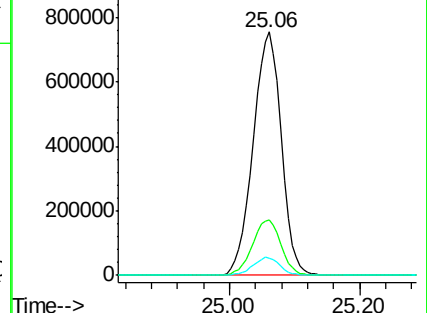
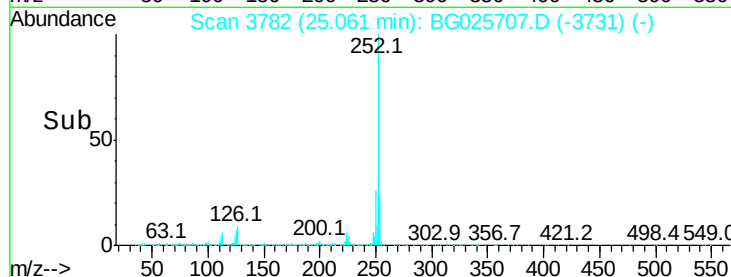
Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	7.2	5.4	8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 61.88 ng

RT: 29.17 min Scan# 4481

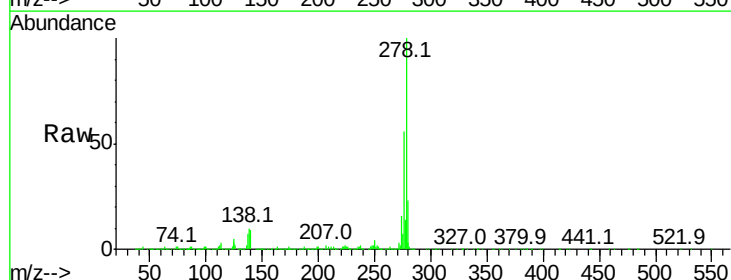
Delta R.T. 0.01 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Tgt Ion:278 Resp: 2359820

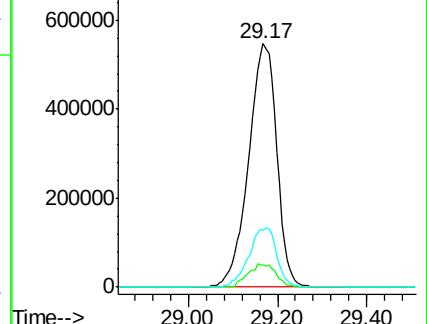
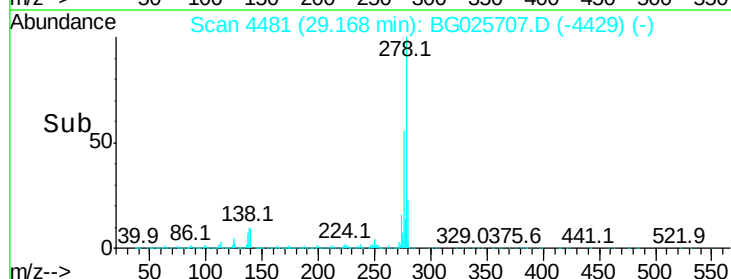
Ion	Ratio	Lower	Upper
278	100		
139	9.0	7.7	11.5
279	23.3	19.1	28.7

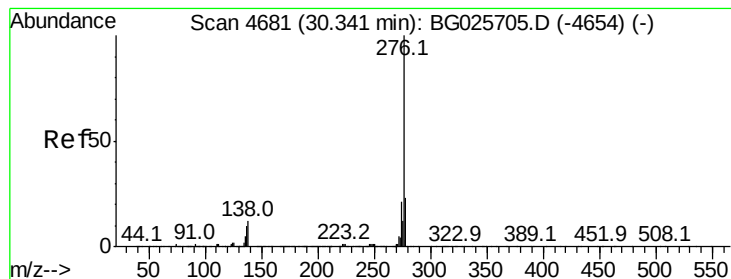


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 61.59 ng

RT: 30.35 min Scan# 4683

Delta R.T. 0.01 min

Lab File: BG025707.D

Acq: 30 Jan 2017 16:31

Instrument :

BNA_G

ClientSampleId :

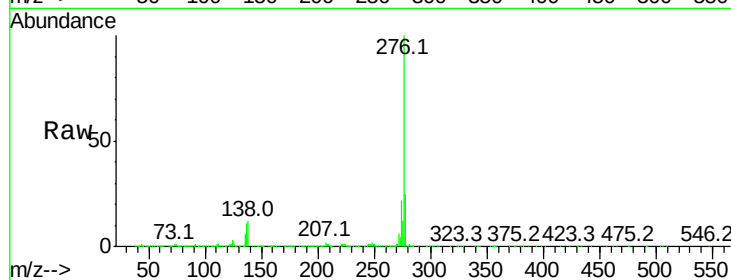
Tot Ion:276 Resp: 2333963

Ion Ratio Lower Upper

276 100

277 24.6 18.6 27.8

138 11.7 8.1 12.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

