

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020317\
 Data File : BG025769.D
 Acq On : 2 Feb 2017 22:16
 Operator : SJ/MA
 Sample : PB96675BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96675BS

Quant Time: Feb 03 00:52:06 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 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72324	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	317770	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	257885	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	592314	20.00	ng	0.00
75) Chrysene-d12	21.83	240	722836	20.00	ng	0.00
86) Perylene-d12	25.21	264	728880	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	608793	150.86	ng	0.00
7) Phenol-d6	7.33	99	895131	151.88	ng	0.00
23) Nitrobenzene-d5	9.35	82	650420	86.48	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	487042	132.43	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1353960	85.27	ng	0.00
78) Terphenyl-d14	20.13	244	2434991	81.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	53741	29.37	ng	95
3) Pyridine	3.95	79	179657	36.19	ng	91
4) n-Nitrosodimethylamine	3.87	42	121977	42.71	ng	98
6) Aniline	7.49	93	203250	24.48	ng	94
8) 2-Chlorophenol	7.73	128	206251	45.02	ng	97
9) Benzaldehyde	7.31	77	107125	21.42	ng	83
10) Phenol	7.35	94	311931	47.09	ng	98
11) bis(2-Chloroethyl)ether	7.58	93	214683	40.99	ng	94
12) 1,3-Dichlorobenzene	8.05	146	222269	39.68	ng	96
13) 1,4-Dichlorobenzene	8.20	146	221710	38.93	ng	96
14) 1,2-Dichlorobenzene	8.52	146	212436	38.93	ng	96
15) Benzyl Alcohol	8.42	79	237630	46.62	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	427573	40.43	ng	95
17) 2-Methylphenol	8.62	107	197346	43.61	ng	93
18) Hexachloroethane	9.24	117	93367	40.26	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	215854	41.50	ng	99
20) 3+4-Methylphenols	8.95	107	279105	45.20	ng	97
22) Acetophenone	9.00	105	340569	39.15	ng	# 100
24) Nitrobenzene	9.39	77	319297	38.88	ng	98
25) Isophorone	9.90	82	577662	39.42	ng	96
26) 2-Nitrophenol	10.11	139	126651	43.53	ng	93
27) 2,4-Dimethylphenol	10.16	122	232808	45.94	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	331208	42.70	ng	96
29) 2,4-Dichlorophenol	10.65	162	231440	44.50	ng	98
30) 1,2,4-Trichlorobenzene	10.85	180	243630	40.27	ng	96
31) Naphthalene	11.04	128	647069	39.23	ng	98
32) Benzoic acid	10.31	122	119637	38.38	ng	90
33) 4-Chloroaniline	11.17	127	112208	16.37	ng	98
34) Hexachlorobutadiene	11.30	225	170856	34.72	ng	97
35) Caprolactam	11.95	113	41478	18.72	ng	93
36) 4-Chloro-3-methylphenol	12.28	107	291217	45.96	ng	96
37) 2-Methylnaphthalene	12.63	142	527009	41.38	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	322749	37.37	ng	98
40) Hexachlorocyclopentadiene	12.96	237	220496	67.95	ng	95

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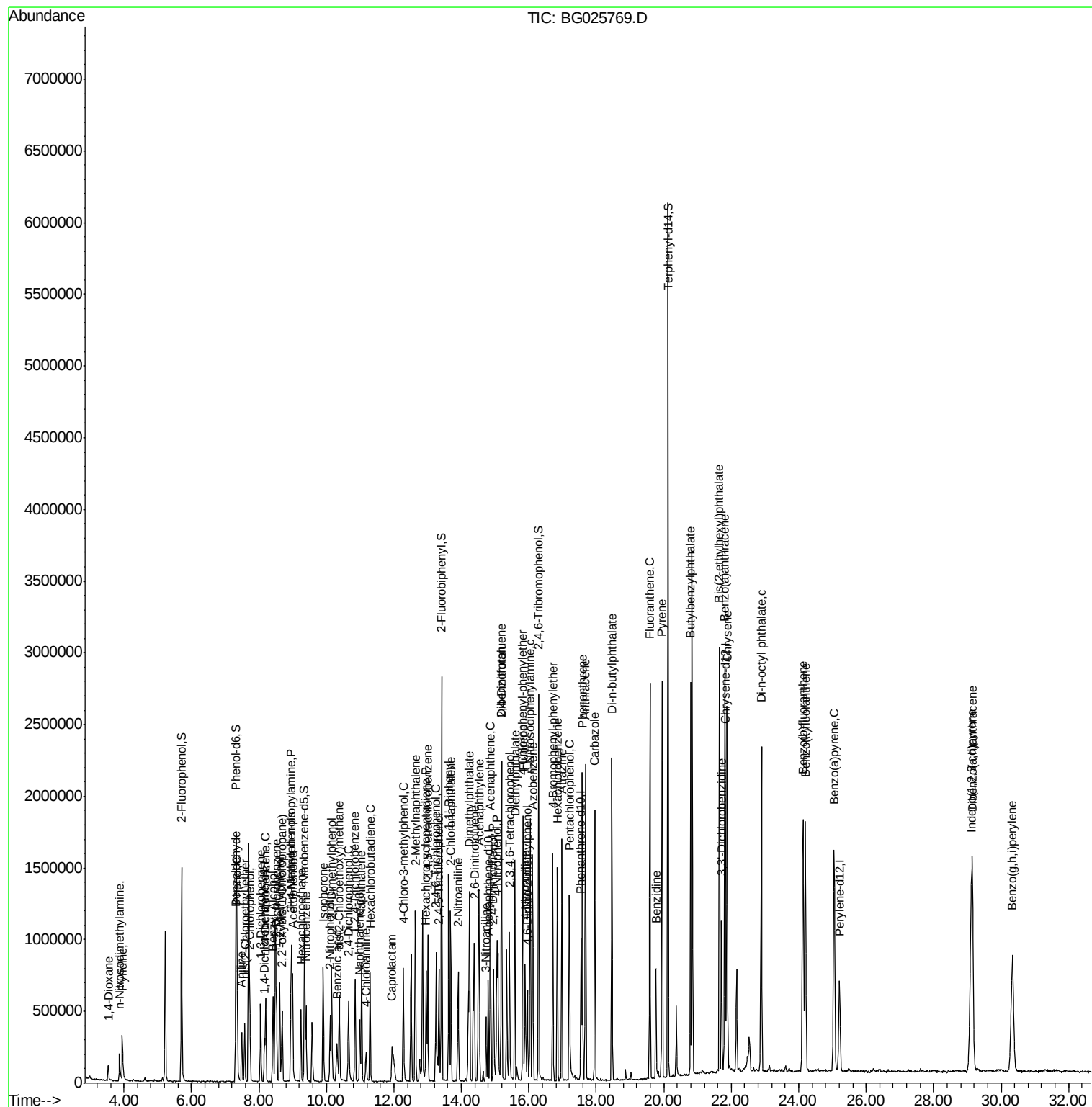
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	209721	41.48	ng	96
43) 2,4,5-Trichlorophenol	13.33	196	223667	40.98	ng	98
45) 1,1'-Biphenyl	13.63	154	715323	39.87	ng	93
46) 2-Chloronaphthalene	13.68	162	574042	40.74	ng	96
47) 2-Nitroaniline	13.90	65	246877	40.72	ng	96
48) Acenaphthylene	14.53	152	915477	39.06	ng	96
49) Dimethylphthalate	14.24	163	765273	39.41	ng	98
50) 2,6-Dinitrotoluene	14.39	165	173635	39.48	ng	93
51) Acenaphthene	14.86	154	580716	40.10	ng	99
52) 3-Nitroaniline	14.73	138	91588	22.09	ng	# 96
53) 2,4-Dinitrophenol	14.95	184	187927	72.44	ng	# 88
54) Dibenzofuran	15.19	168	937412	42.84	ng	98
55) 4-Nitrophenol	15.05	139	245981	76.95	ng	88
56) 2,4-Dinitrotoluene	15.18	165	257418	40.00	ng	# 79
57) Fluorene	15.84	166	766805	39.44	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	233814	45.84	ng	96
59) Diethylphthalate	15.58	149	813756	39.53	ng	99
60) 4-Chlorophenyl-phenylether	15.82	204	412277	39.12	ng	94
61) 4-Nitroaniline	15.89	138	167037	40.11	ng	97
62) Azobenzene	16.11	77	953205	45.50	ng	97
64) 4,6-Dinitro-2-methylphenol	15.95	198	155379	36.91	ng	80
65) n-Nitrosodiphenylamine	16.04	169	717824	42.22	ng	98
66) 4-Bromophenyl-phenylether	16.71	248	287196	39.87	ng	91
67) Hexachlorobenzene	16.85	284	323334	39.91	ng	93
68) Atrazine	16.98	200	297248	35.41	ng	96
69) Pentachlorophenol	17.20	266	278443	78.22	ng	94
70) Phenanthrene	17.59	178	1316186	40.89	ng	96
71) Anthracene	17.68	178	1380126	41.58	ng	99
72) Carbazole	17.95	167	1213390	37.75	ng	96
73) Di-n-butylphthalate	18.46	149	1497537	40.26	ng	97
74) Fluoranthene	19.59	202	1673771	37.94	ng	97
76) Benzidine	19.77	184	503033	20.27	ng	96
77) Pyrene	19.95	202	1698379	42.18	ng	99
79) Butylbenzylphthalate	20.80	149	751063	44.93	ng	95
80) Benzo(a)anthracene	21.81	228	1793549	41.90	ng	98
81) 3,3'-Dichlorobenzidine	21.71	252	399236	23.76	ng	99
82) Chrysene	21.88	228	1649521	40.77	ng	97
83) Bis(2-ethylhexyl)phthalate	21.65	149	1034557	44.43	ng	96
84) Di-n-octyl phthalate	22.89	149	1757991	46.48	ng	98
85) Indeno(1,2,3-cd)pyrene	29.12	276	2109638	42.77	ng	# 93
87) Benzo(b)fluoranthene	24.13	252	1828584	43.40	ng	99
88) Benzo(k)fluoranthene	24.20	252	1719261	41.70	ng	98
89) Benzo(a)pyrene	25.05	252	1733017	43.25	ng	# 98
90) Dibenzo(a,h)anthracene	29.15	278	1769503	42.70	ng	98
91) Benzo(g,h,i)perylene	30.34	276	1759508	42.73	ng	# 94

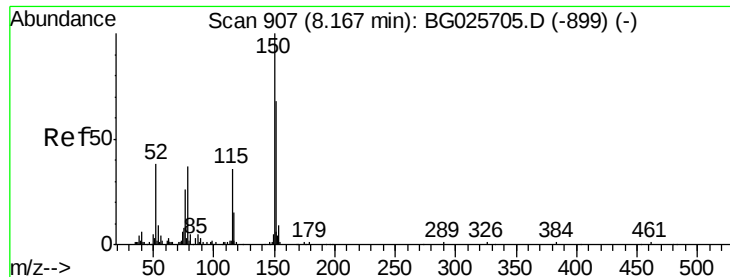
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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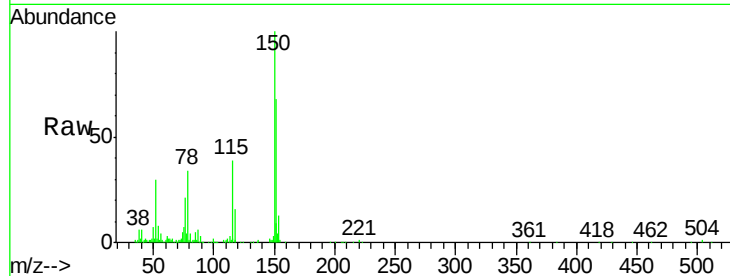


#1

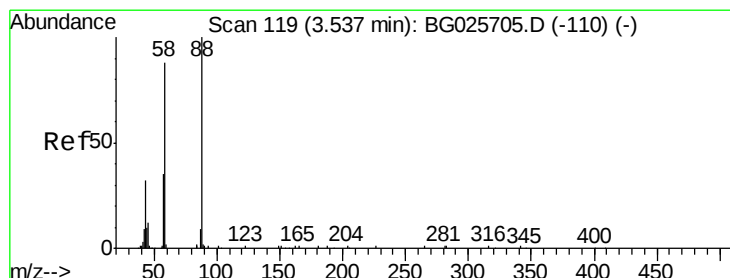
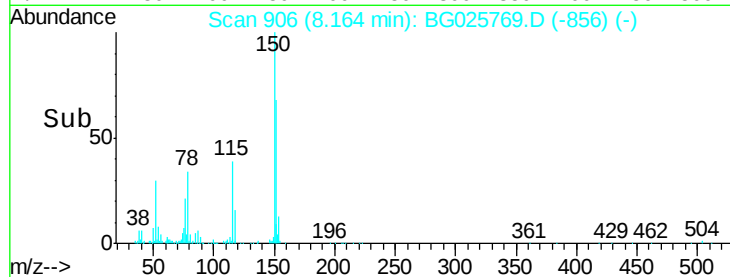
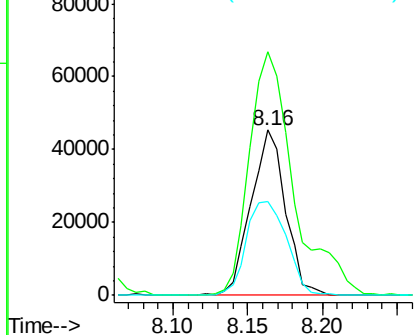
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Instrument :
BNA_G
ClientSampleId :
PB96675BS

Tgt Ion:152 Resp: 72324
Ion Ratio Lower Upper
152 100
150 147.3 114.0 171.0
115 57.0 48.1 72.1



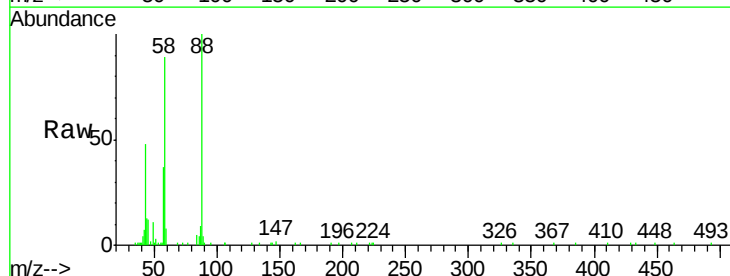
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



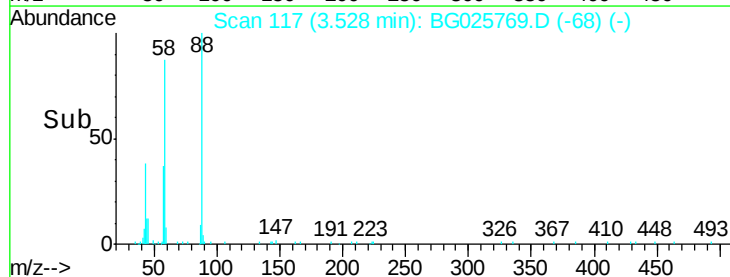
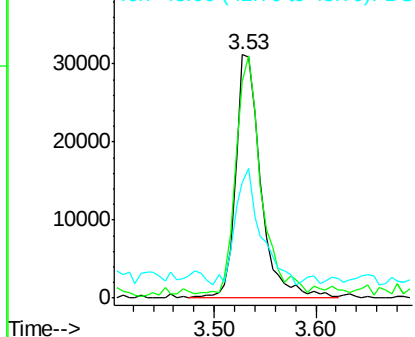
#2

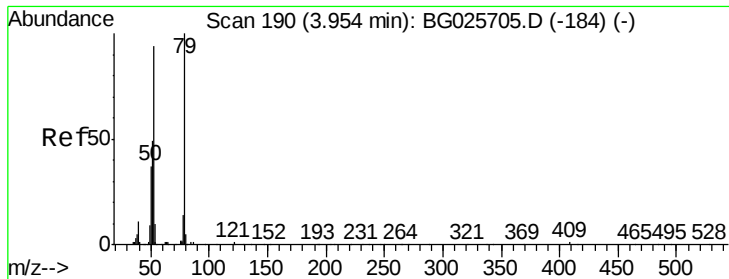
1,4-Dioxane
Concen: 29.37 ng
RT: 3.53 min Scan# 117
Delta R.T. -0.01 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion: 88 Resp: 53741
Ion Ratio Lower Upper
88 100
58 95.9 79.4 119.2
43 48.4 33.8 50.6



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.19 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampleId :

PB96675BS

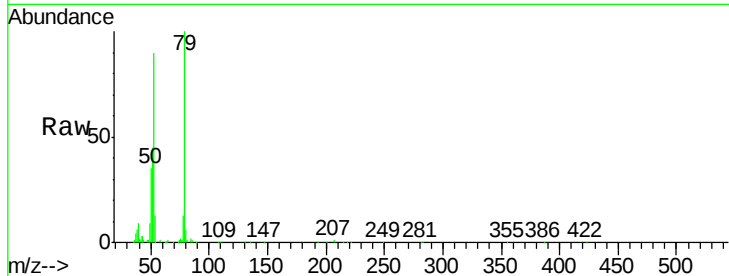
Tgt Ion: 79 Resp: 179657

Ion Ratio Lower Upper

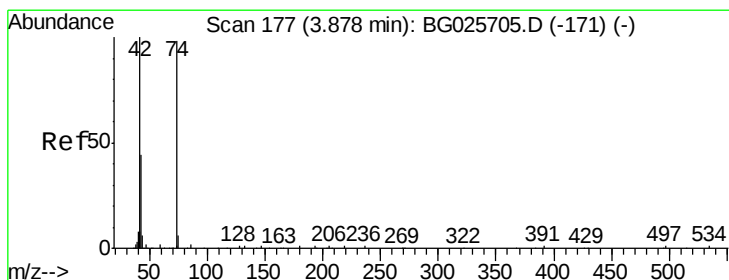
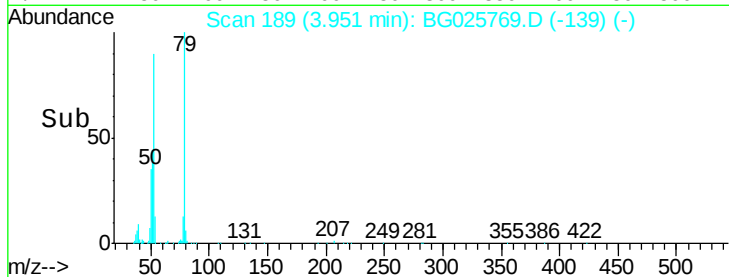
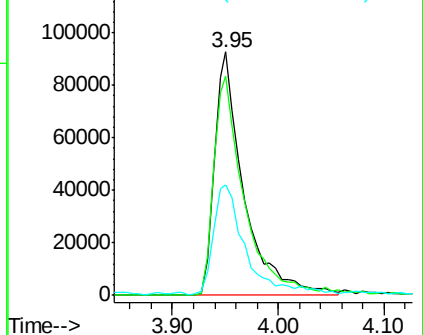
79 100

52 90.3 77.8 116.6

51 45.3 43.2 64.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.71 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.01 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

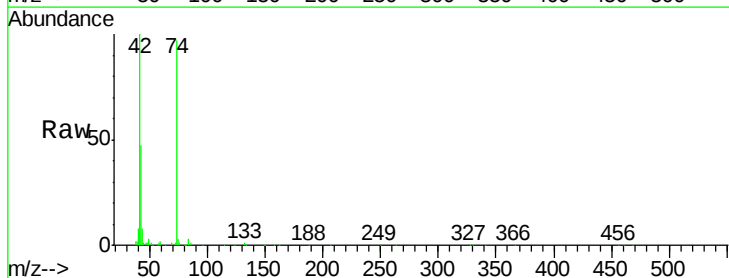
Tgt Ion: 42 Resp: 121977

Ion Ratio Lower Upper

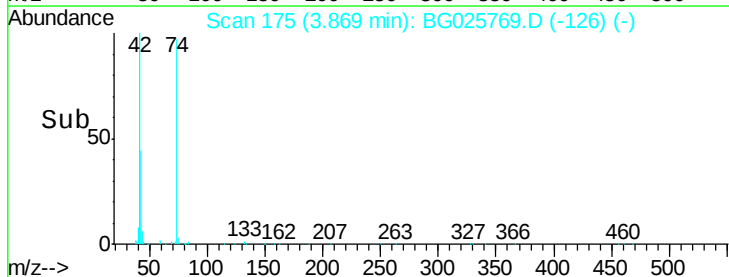
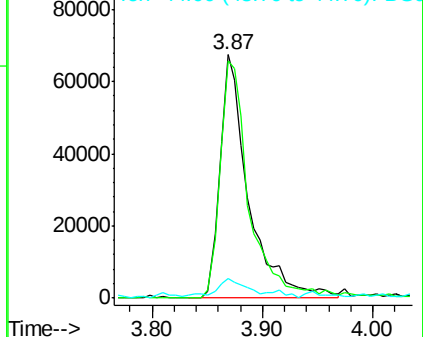
42 100

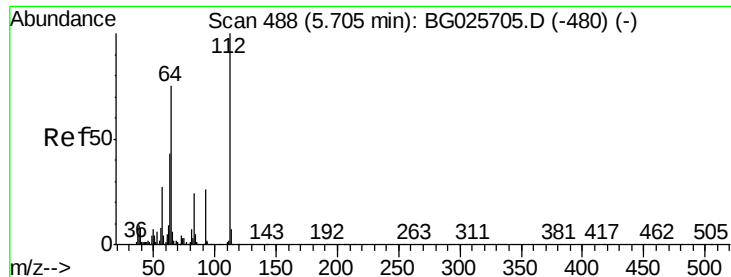
74 97.4 76.7 115.1

44 8.1 6.1 9.1



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





#5

2-Fluorophenol

Concen: 150.86 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

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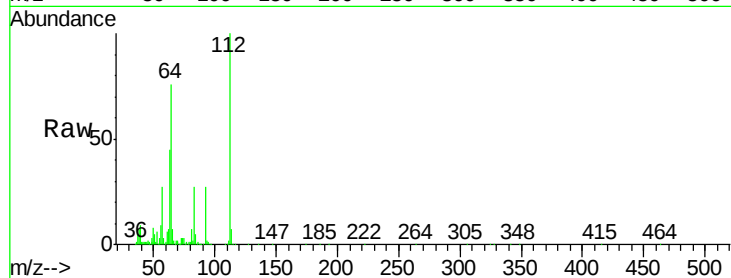
Tgt Ion: 112 Resp: 608793

Ion Ratio Lower Upper

112 100

64 75.9 61.8 92.6

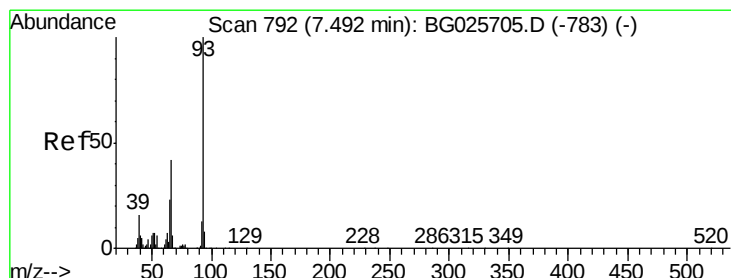
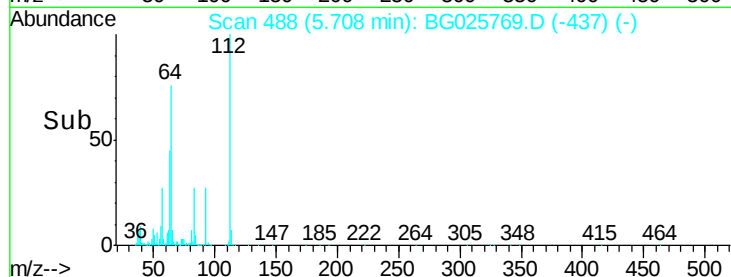
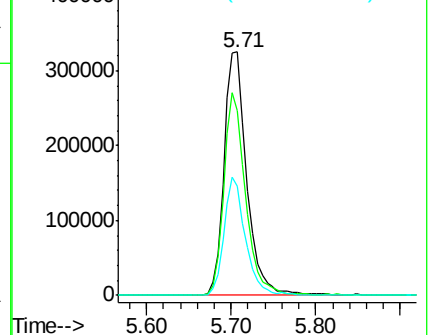
63 45.0 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.48 ng

RT: 7.49 min Scan# 791

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

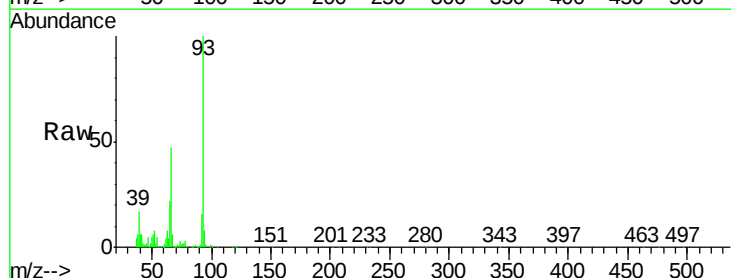
Tgt Ion: 93 Resp: 203250

Ion Ratio Lower Upper

93 100

66 47.1 35.4 53.2

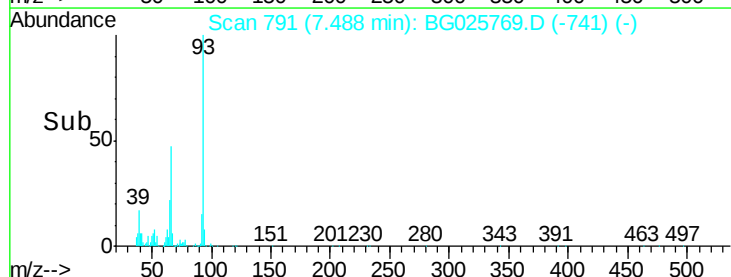
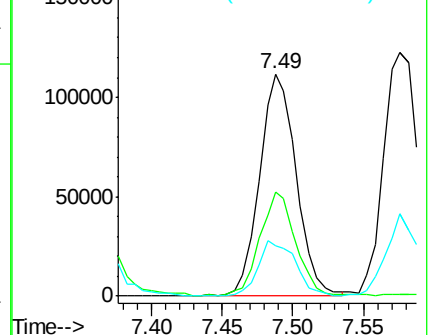
65 22.5 21.2 31.8

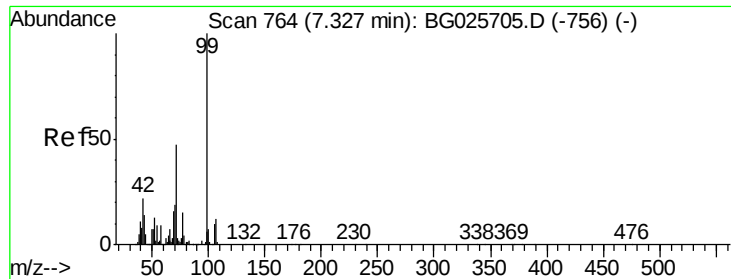


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.88 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

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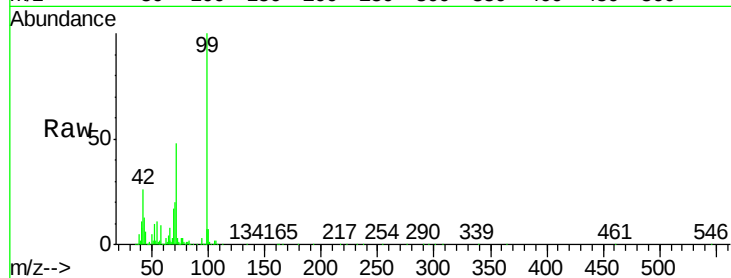
Tgt Ion: 99 Resp: 895131

Ion Ratio Lower Upper

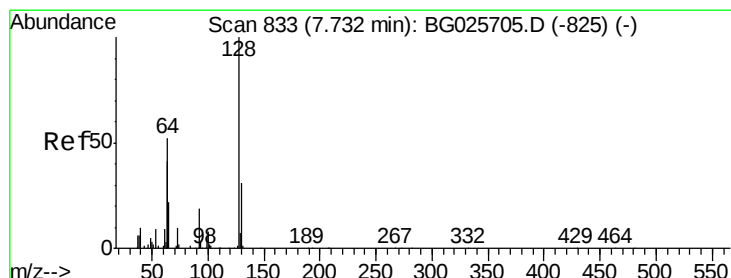
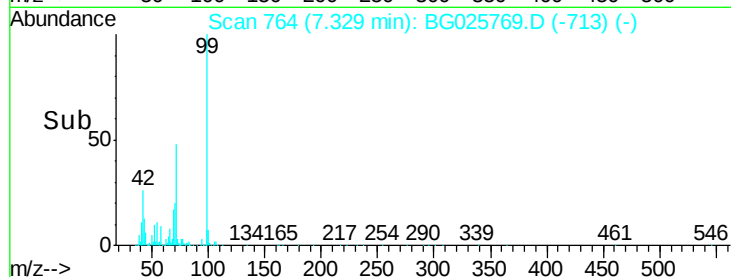
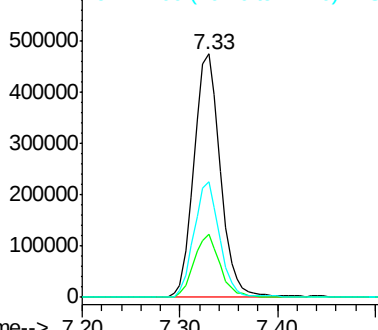
99 100

42 26.0 20.5 30.7

71 47.7 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: 45.02 ng

RT: 7.73 min Scan# 832

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

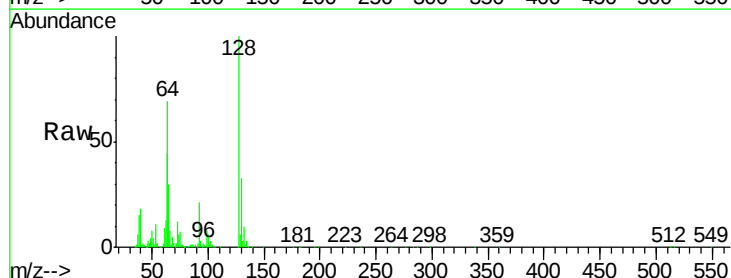
Tgt Ion: 128 Resp: 206251

Ion Ratio Lower Upper

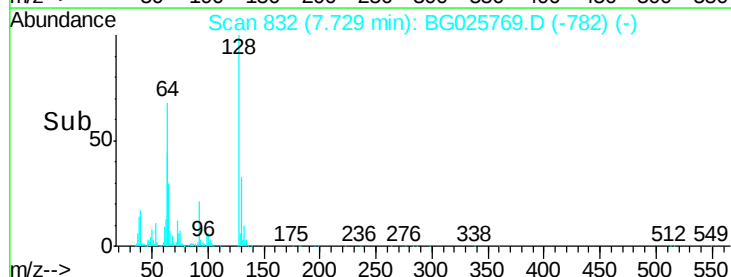
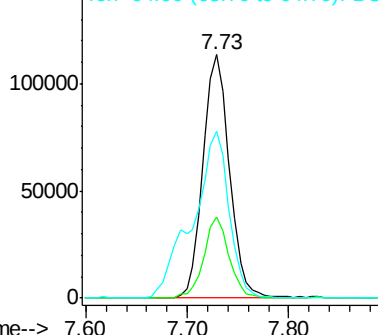
128 100

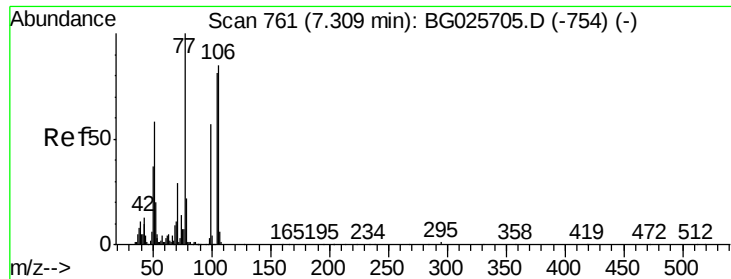
130 33.2 11.4 51.4

64 68.7 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: 21.42 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

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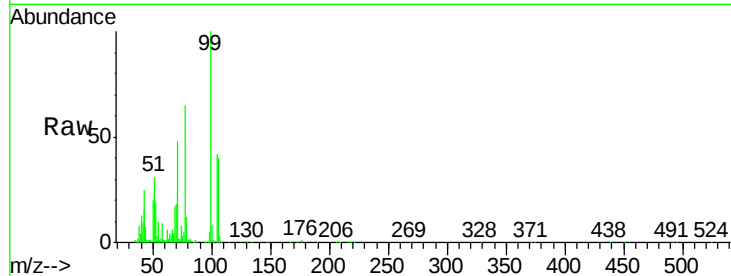
Tgt Ion: 77 Resp: 107125

Ion Ratio Lower Upper

77 100

105 65.0 60.9 100.9

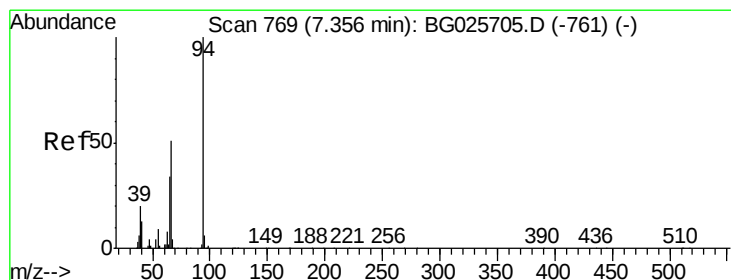
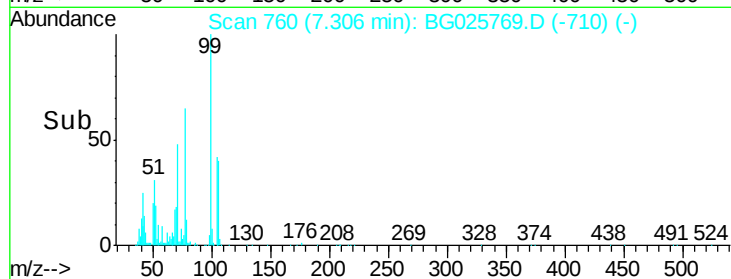
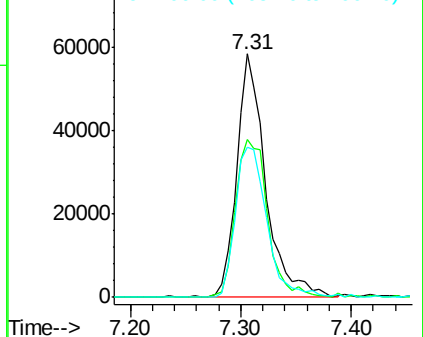
106 61.5 55.1 95.1



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: 47.09 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

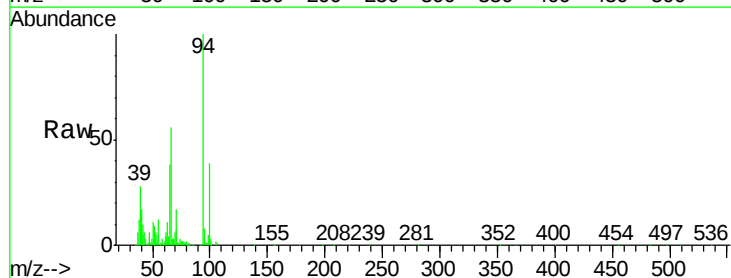
Tgt Ion: 94 Resp: 311931

Ion Ratio Lower Upper

94 100

65 38.3 20.6 60.6

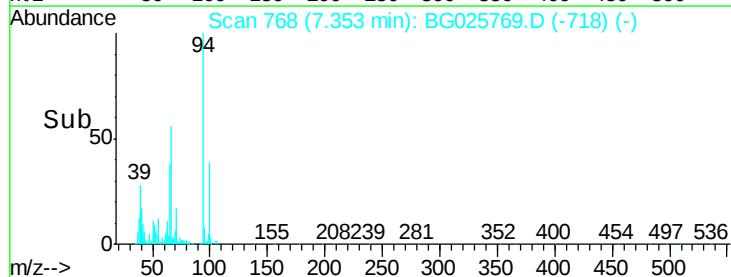
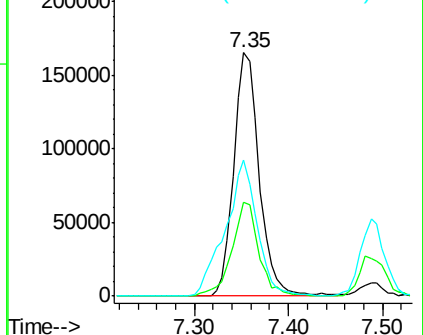
66 55.8 35.5 75.5

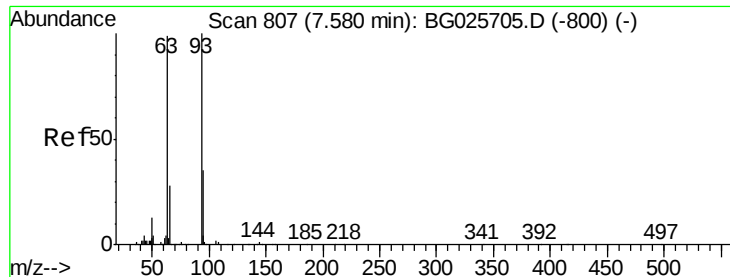


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

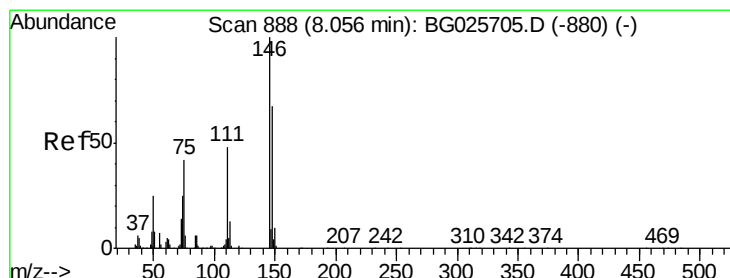
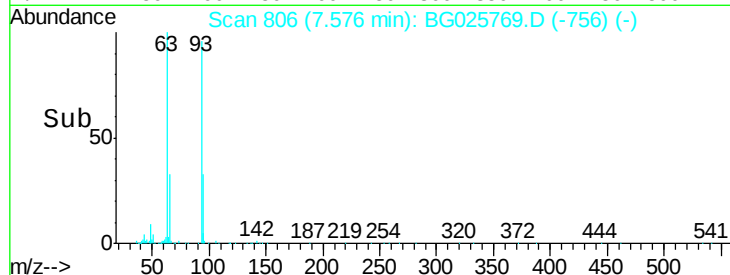
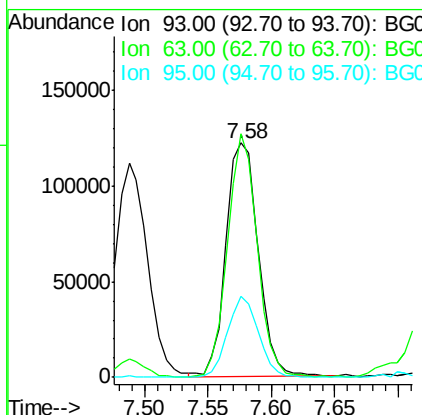
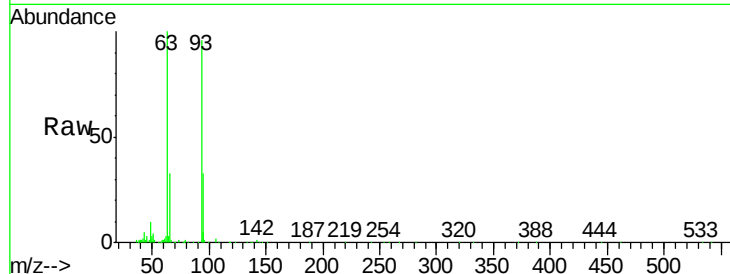




#11
bis(2-Chloroethyl)ether
Concen: 40.99 ng
RT: 7.58 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

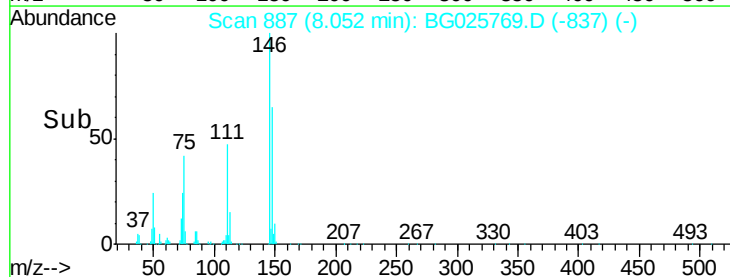
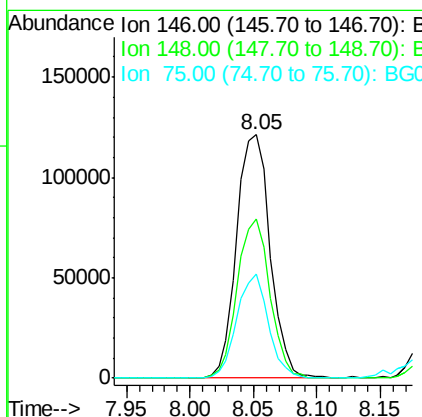
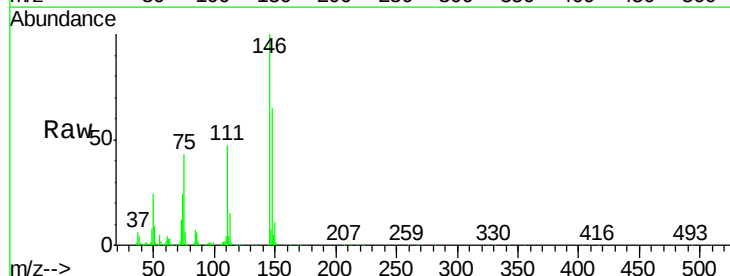
Instrument :
BNA_G
ClientSampleId :
PB96675BS

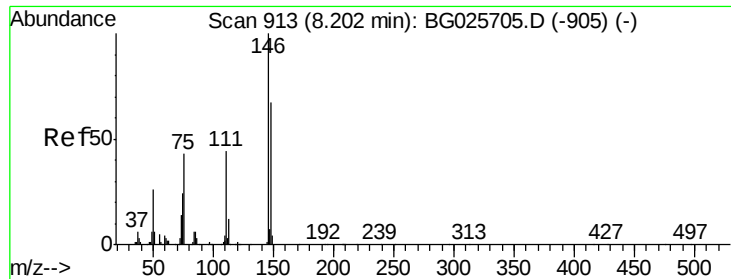
Tgt Ion: 93 Resp: 214683
Ion Ratio Lower Upper
93 100
63 103.9 78.5 118.5
95 34.6 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 39.68 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion: 146 Resp: 222269
Ion Ratio Lower Upper
146 100
148 65.4 49.2 73.8
75 42.7 33.4 50.2

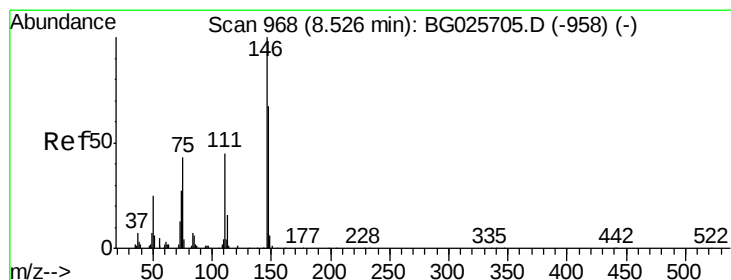
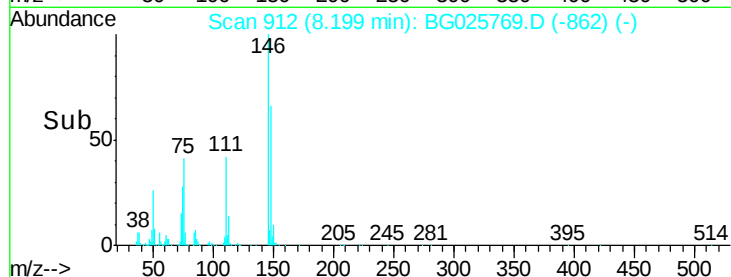
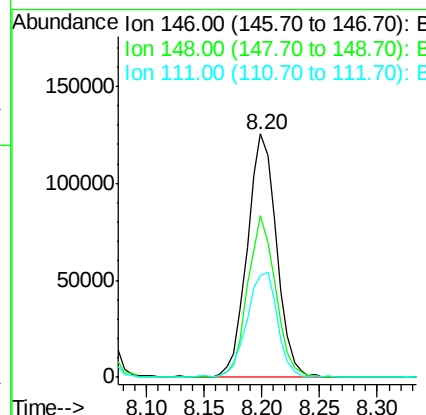
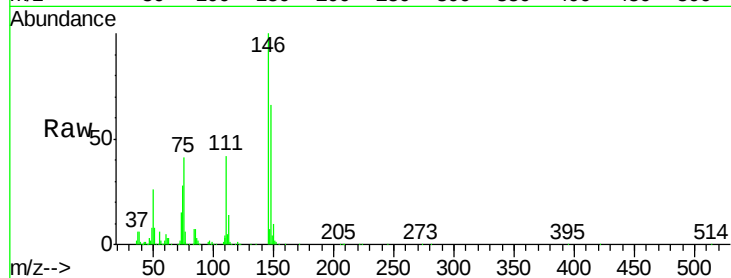




#13
 1,4-Dichlorobenzene
 Concen: 38.93 ng
 RT: 8.20 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

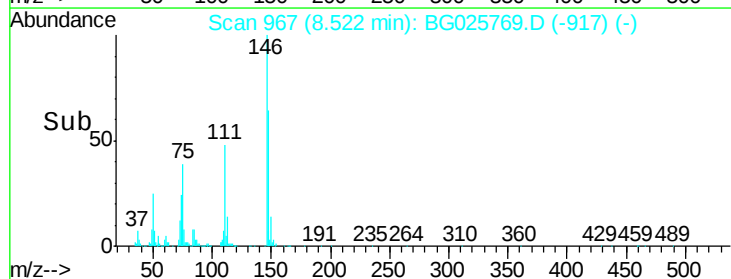
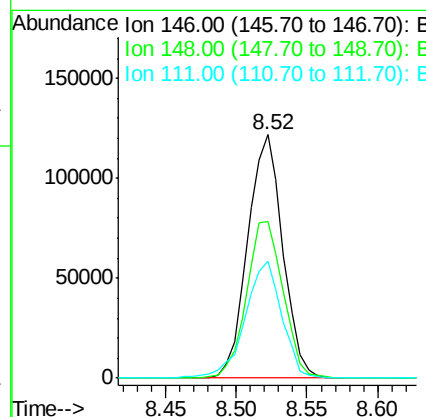
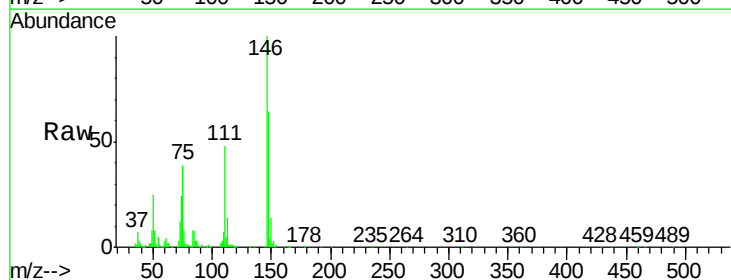
Instrument :
 BNA_G
 ClientSampleId :
 PB96675BS

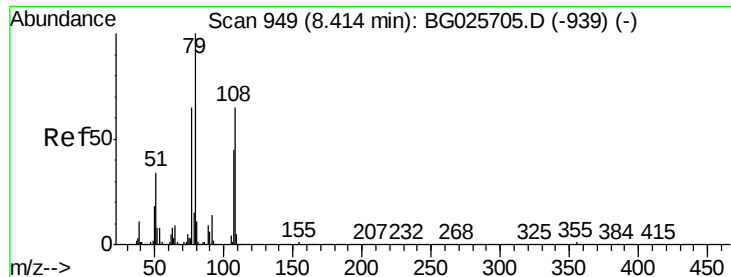
Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	52.2	78.2
111	41.5	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 38.93 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	54.6	81.8
111	48.0	39.7	59.5





#15

Benzyl Alcohol

Concen: 46.62 ng

RT: 8.42 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampleId :

PB96675BS

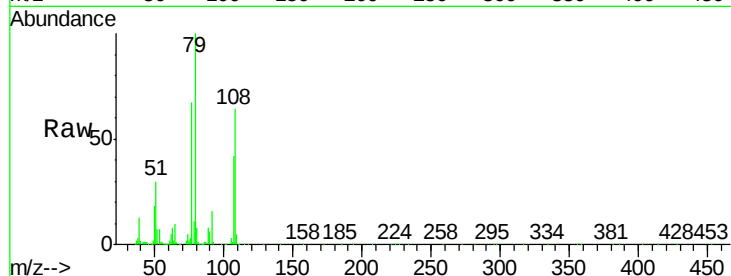
Tgt Ion: 79 Resp: 237630

Ion Ratio Lower Upper

79 100

108 63.9 45.5 68.3

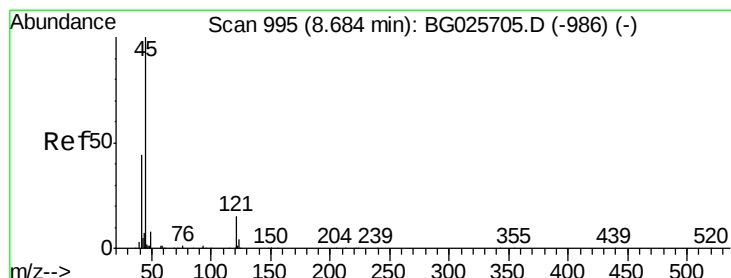
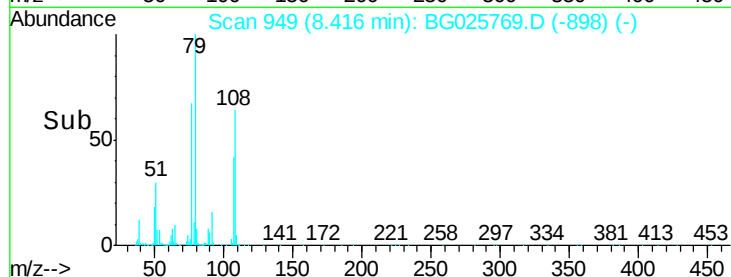
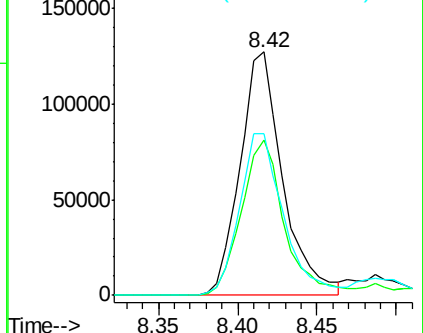
77 66.6 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.43 ng

RT: 8.69 min Scan# 996

Delta R.T. 0.01 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

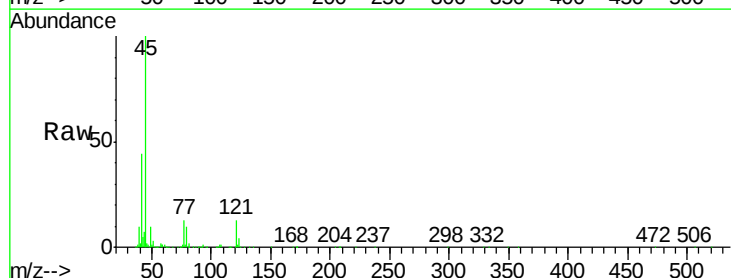
Tgt Ion: 45 Resp: 427573

Ion Ratio Lower Upper

45 100

77 12.9 0.0 30.6

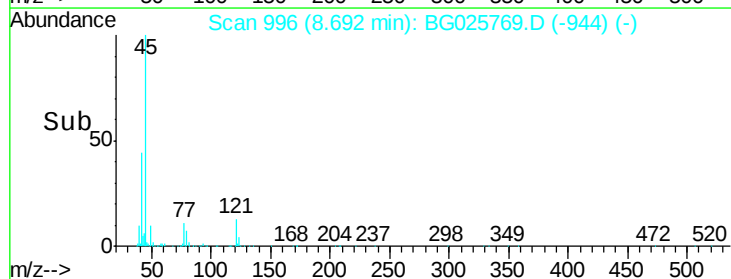
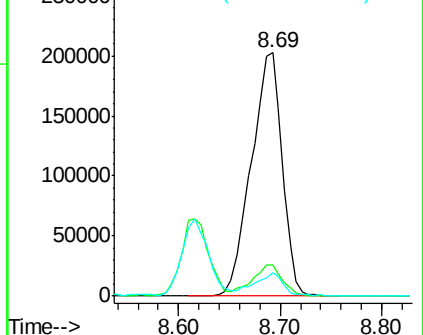
79 9.8 0.0 28.5

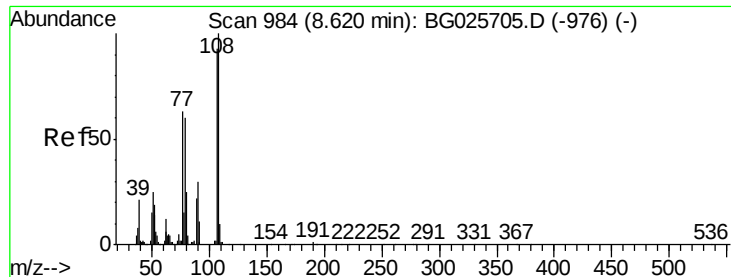


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

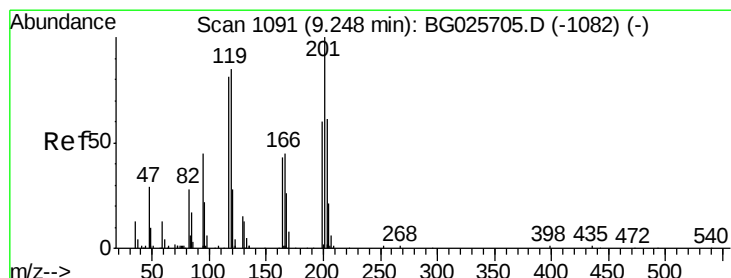
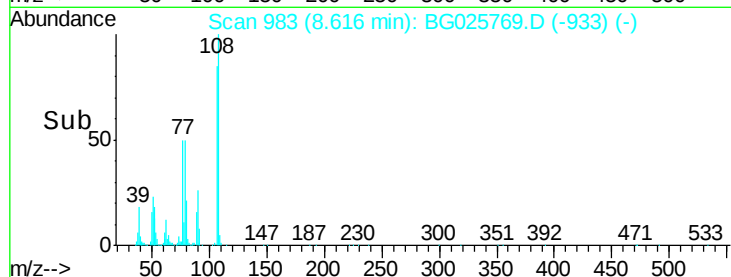
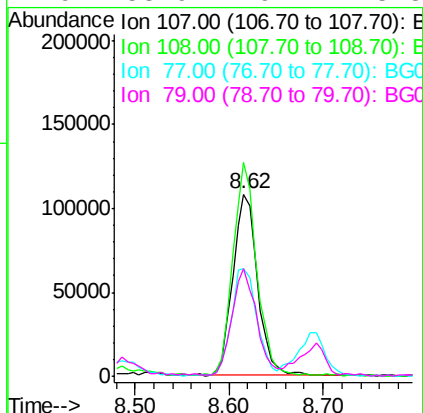
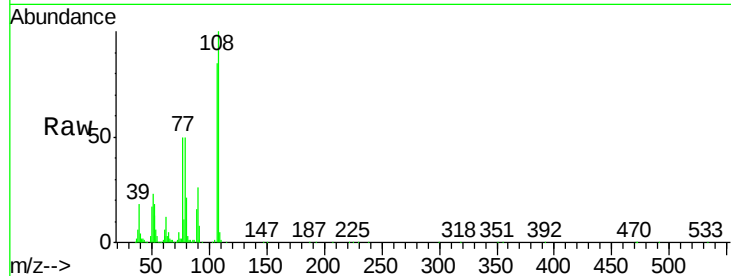




#17
2-Methylphenol
Concen: 43.61 ng
RT: 8.62 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

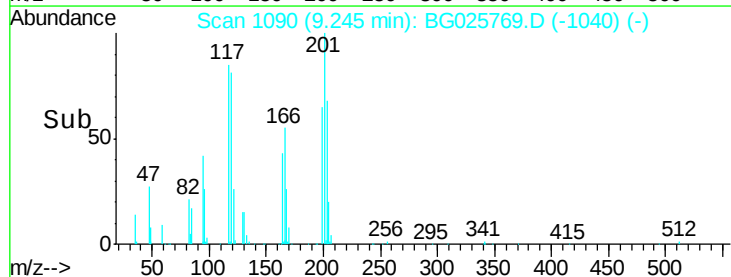
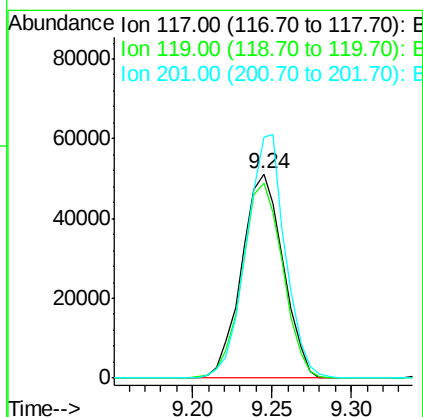
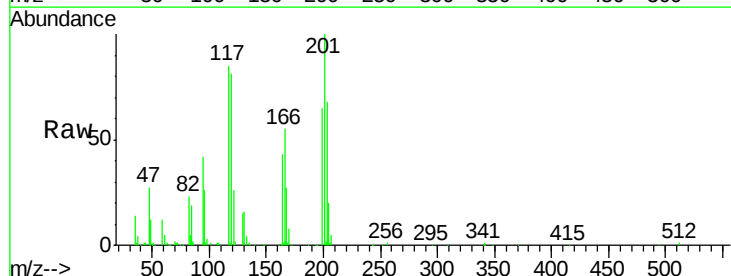
Instrument :
BNA_G
ClientSampleId :
PB96675BS

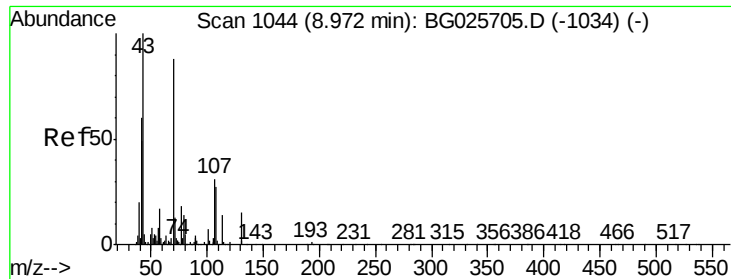
Tgt Ion:	107	Resp:	197346
Ion	Ratio	Lower	Upper
107	100		
108	117.3	85.6	128.4
77	59.1	51.4	77.2
79	58.9	49.2	73.8



#18
Hexachloroethane
Concen: 40.26 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion:	117	Resp:	93367
Ion	Ratio	Lower	Upper
117	100		
119	94.6	69.8	104.6
201	116.4	95.4	143.0

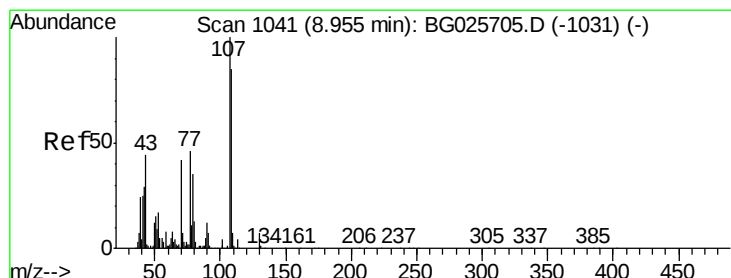
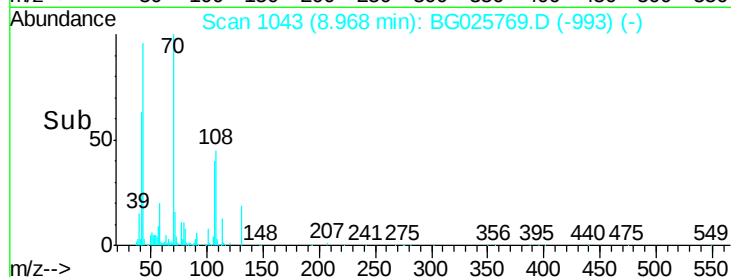
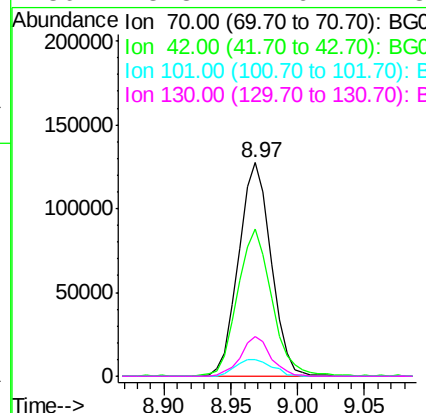
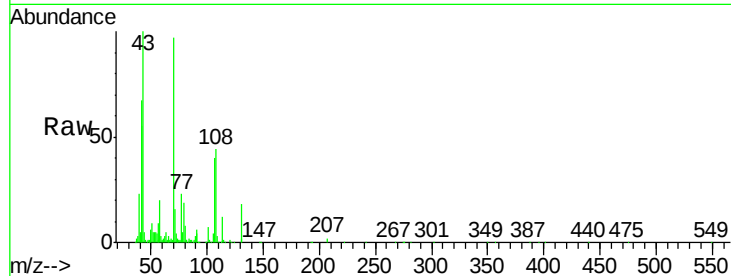




#19
n-Nitroso-di-n-propylamine
Concen: 41.50 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

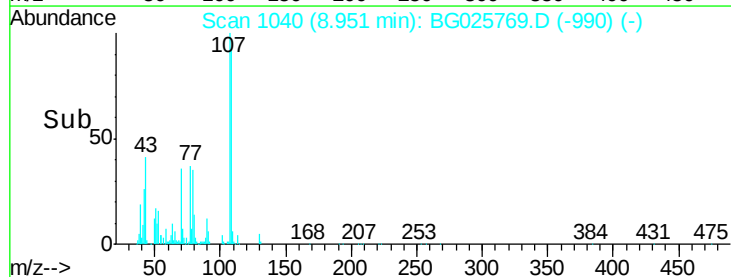
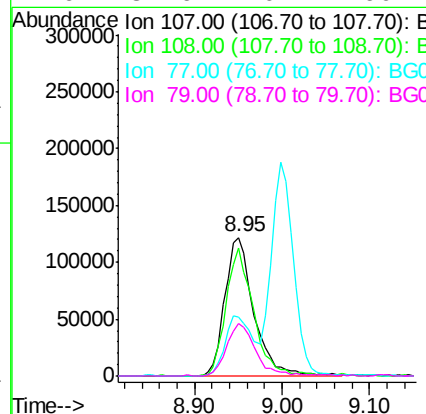
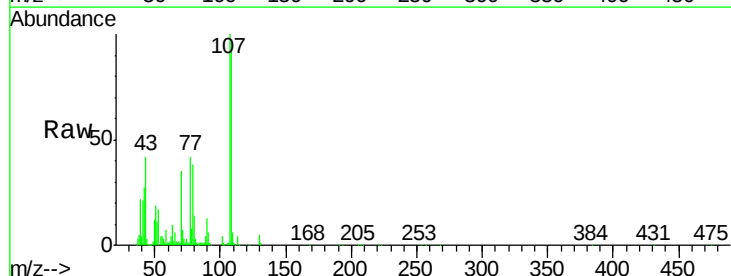
Instrument :
BNA_G
ClientSampleId :
PB96675BS

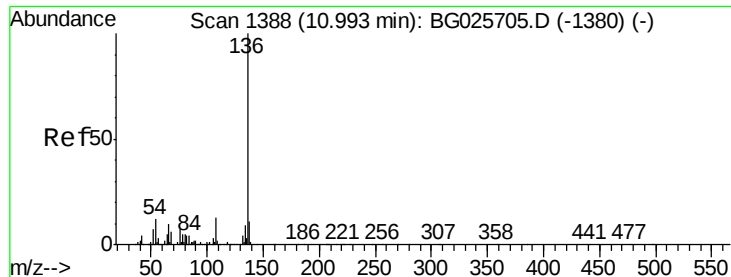
Tgt Ion:	70	Resp:	215854
Ion	Ratio	Lower	Upper
70	100		
42	69.2	56.1	84.1
101	7.6	7.5	11.3
130	18.8	14.6	21.8



#20
3+4-Methylphenols
Concen: 45.20 ng
RT: 8.95 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion:	107	Resp:	279105
Ion	Ratio	Lower	Upper
107	100		
108	91.9	70.8	110.8
77	42.2	25.8	65.8
79	37.6	20.1	60.1

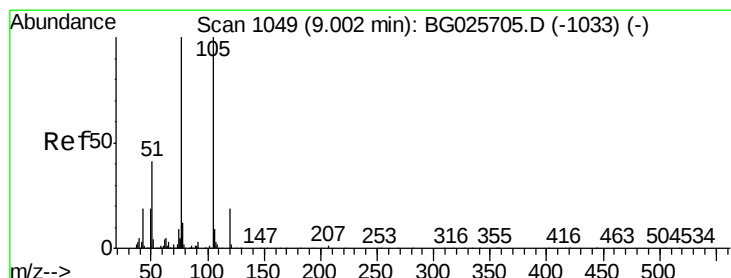
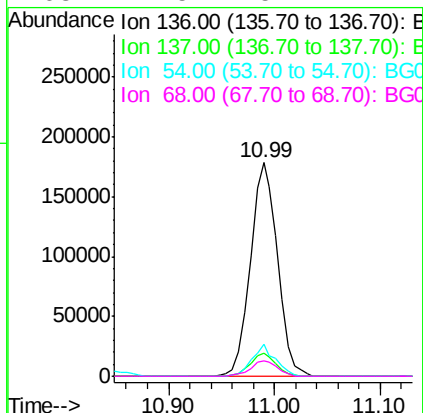
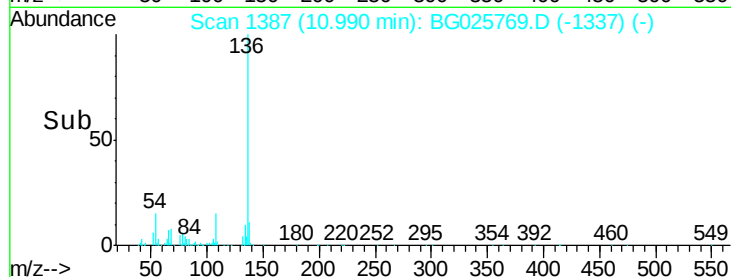
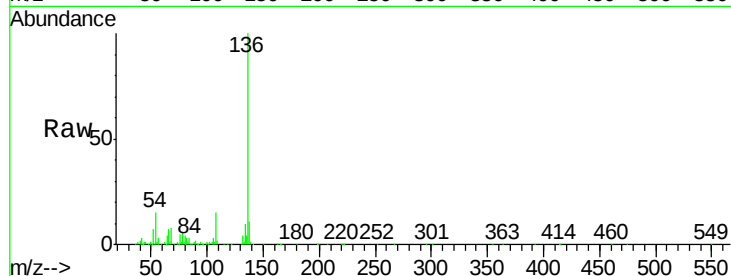




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

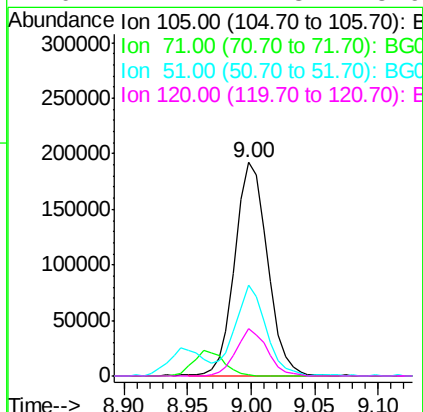
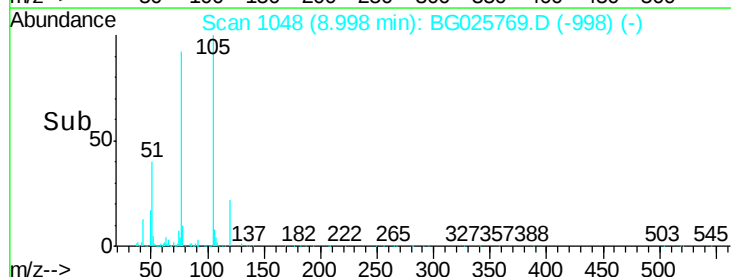
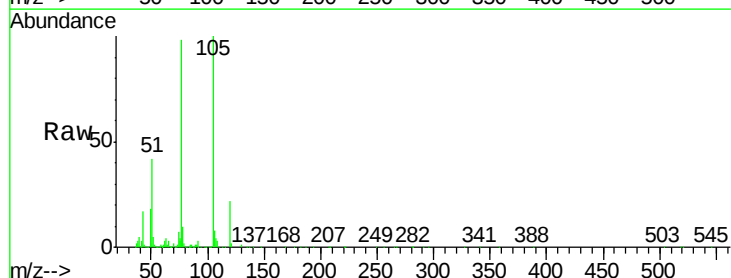
Instrument :
BNA_G
ClientSampleId :
PB96675BS

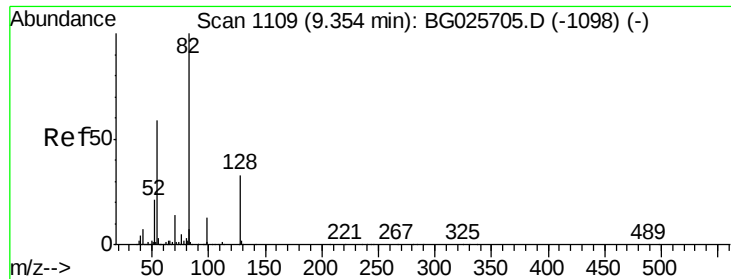
Tgt Ion:	136	Resp:	317770
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	14.8	9.3	13.9#
68	7.5	5.1	7.7



#22
Acetophenone
Concen: 39.15 ng
RT: 9.00 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion:	105	Resp:	340569
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.9	1.3#
51	42.4	34.0	51.0
120	22.1	17.3	25.9

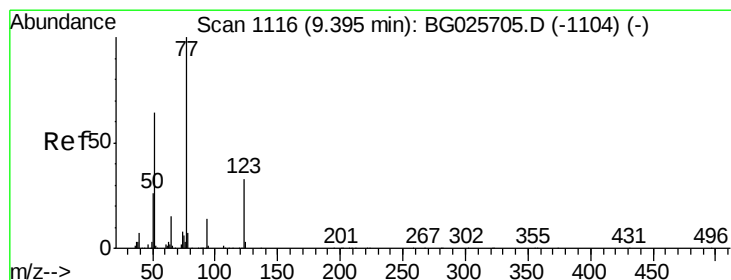
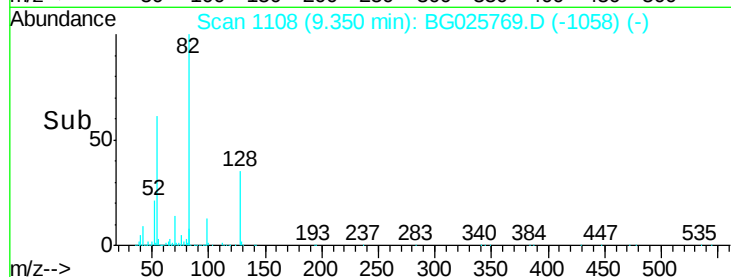
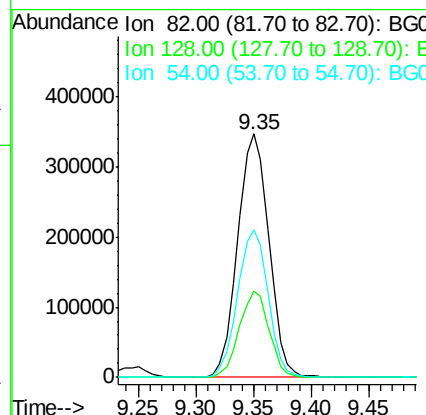
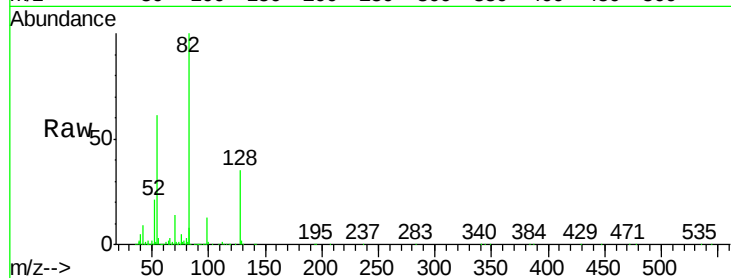




#23
 Nitrobenzene-d5
 Concen: 86.48 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

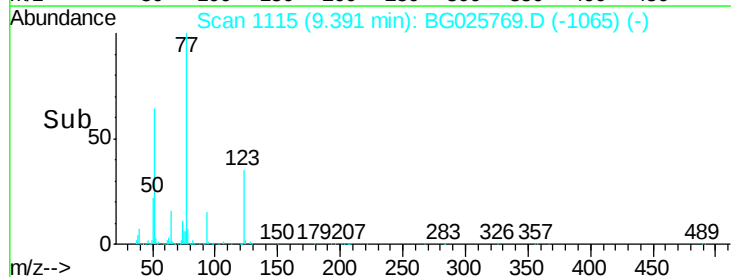
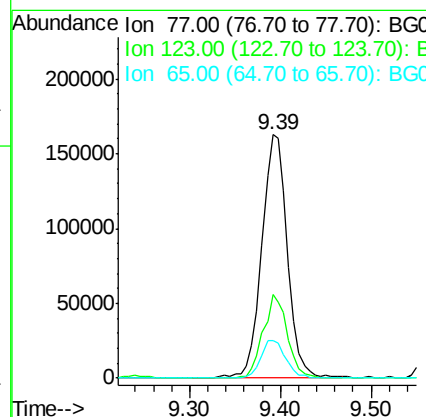
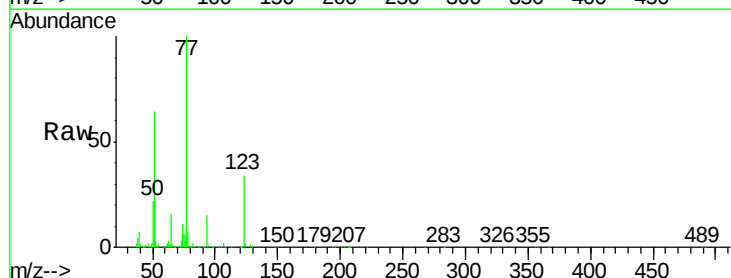
Instrument :
 BNA_G
 ClientSampleId :
 PB96675BS

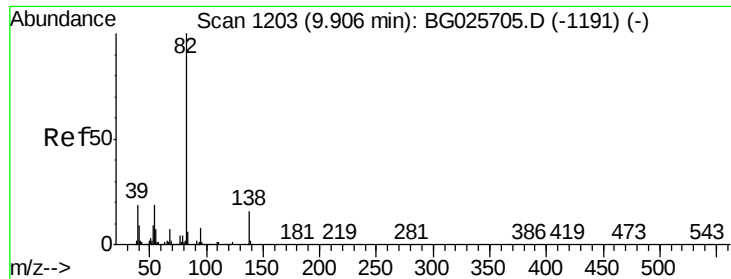
Tgt Ion: 82 Resp: 650420
 Ion Ratio Lower Upper
 82 100
 128 35.4 26.4 39.6
 54 60.9 49.4 74.2



#24
 Nitrobenzene
 Concen: 38.88 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

Tgt Ion: 77 Resp: 319297
 Ion Ratio Lower Upper
 77 100
 123 34.4 26.1 39.1
 65 15.7 12.4 18.6





#25

Isophorone

Concen: 39.42 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampleId :

PB96675BS

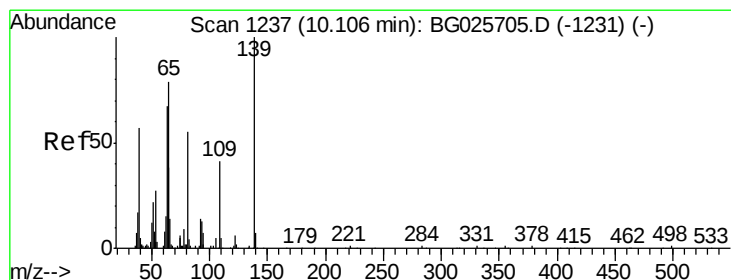
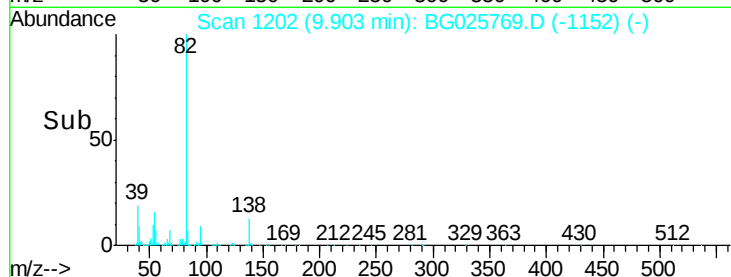
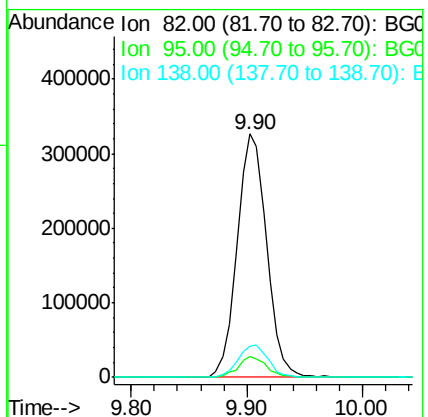
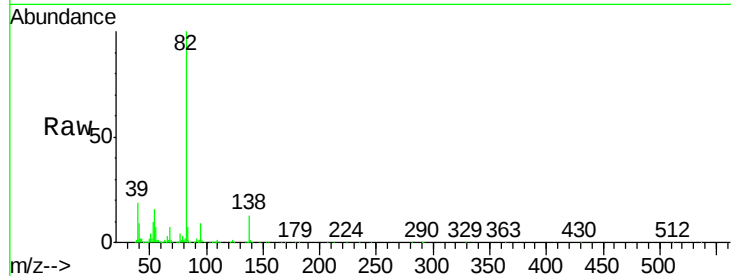
Tgt Ion: 82 Resp: 577662

Ion Ratio Lower Upper

82 100

95 8.5 7.5 11.3

138 13.0 12.3 18.5



#26

2-Nitrophenol

Concen: 43.53 ng

RT: 10.11 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

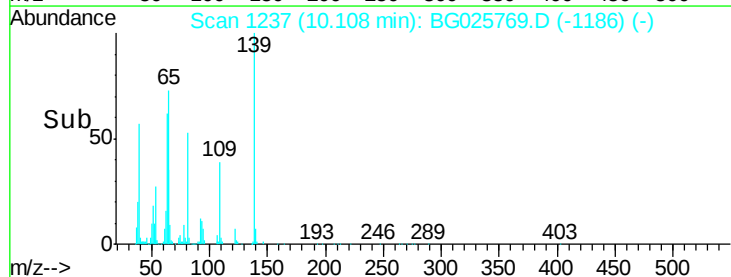
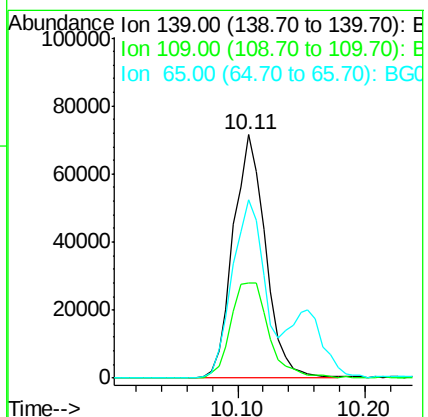
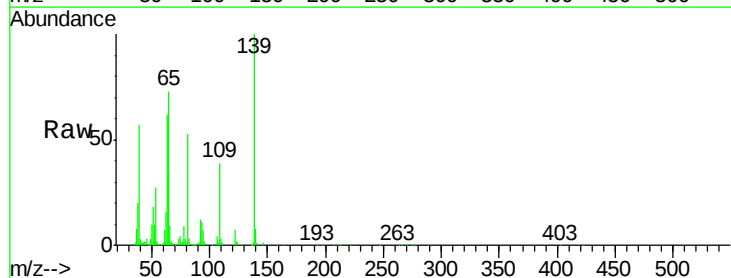
Tgt Ion: 139 Resp: 126651

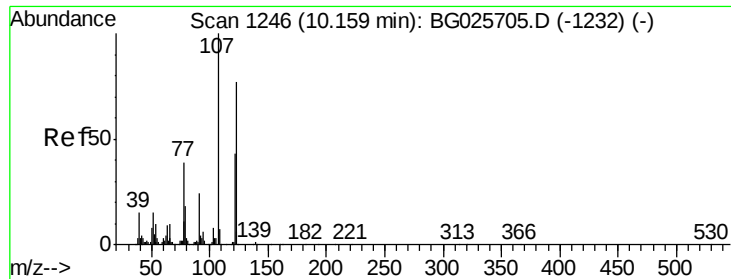
Ion Ratio Lower Upper

139 100

109 39.1 38.6 58.0

65 73.2 57.1 85.7

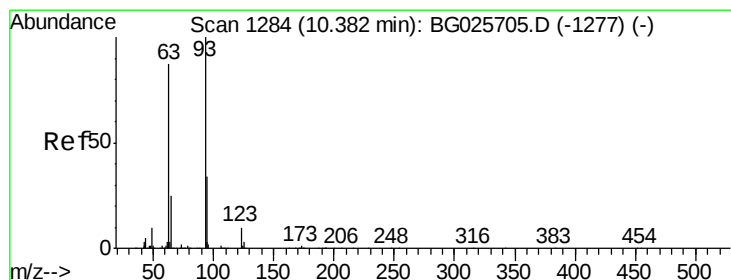
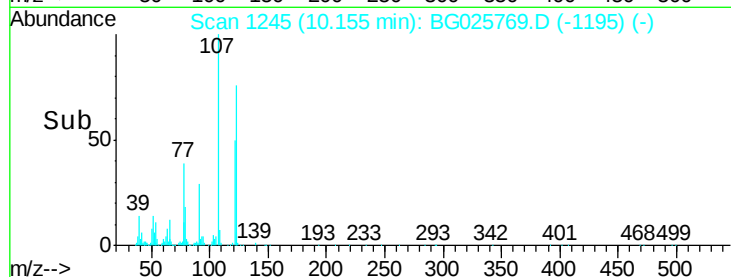
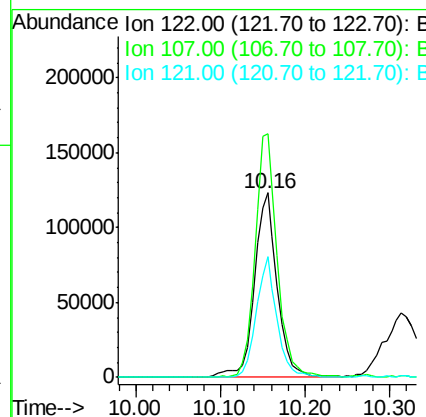
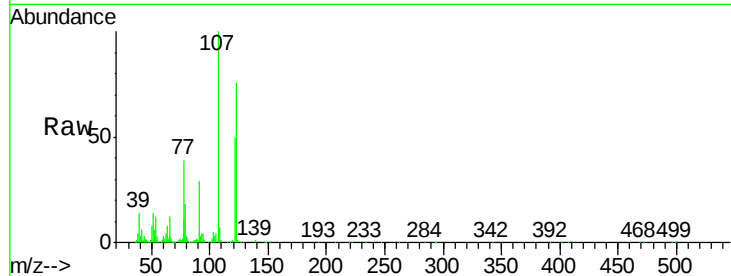




#27
 2,4-Dimethylphenol
 Concen: 45.94 ng
 RT: 10.16 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

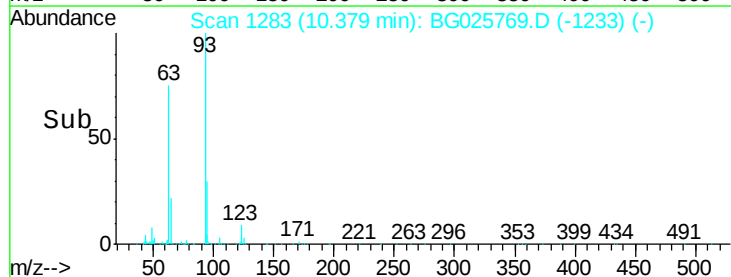
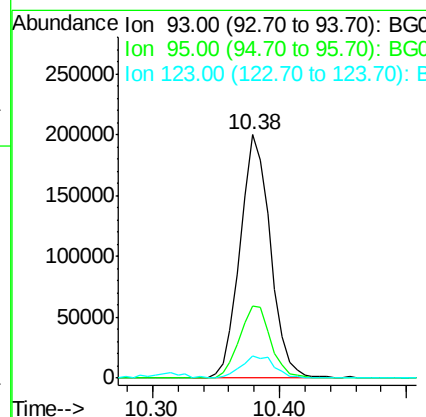
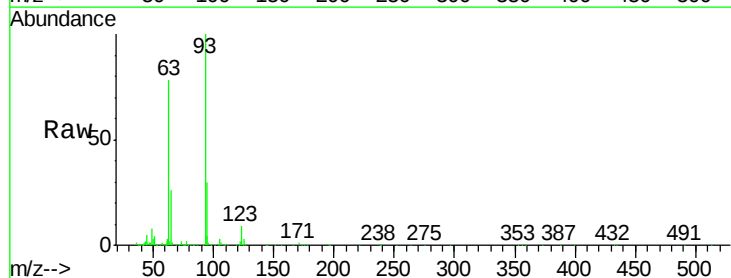
Instrument :
 BNA_G
 ClientSampleId :
 PB96675BS

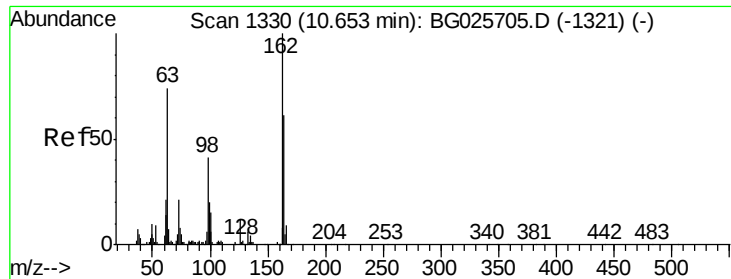
Tgt Ion	Ratio	Lower	Upper
122	100		
107	131.9	104.2	156.4
121	65.6	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.70 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.6	25.7	38.5
123	9.4	8.3	12.5

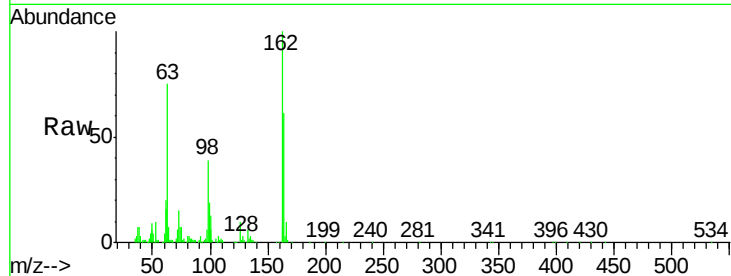




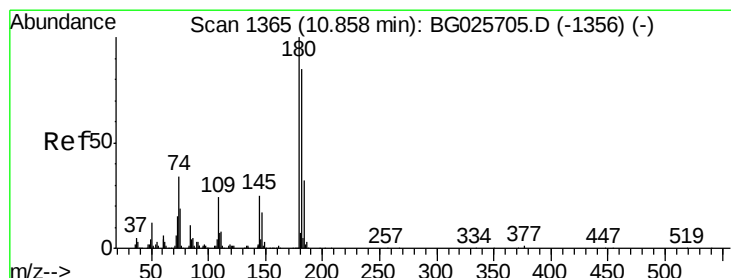
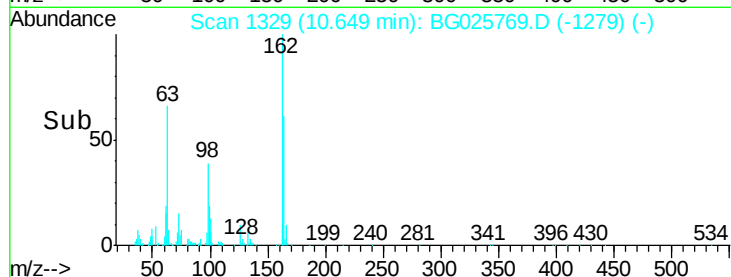
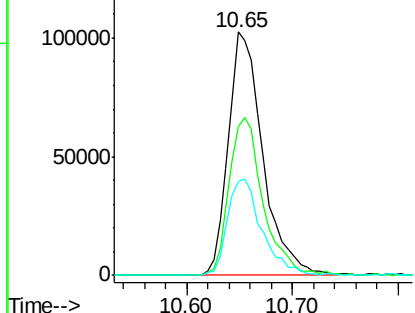
#29
 2,4-Dichlorophenol
 Concen: 44.50 ng
 RT: 10.65 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96675BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.1	42.4	82.4
98	38.5	20.3	60.3

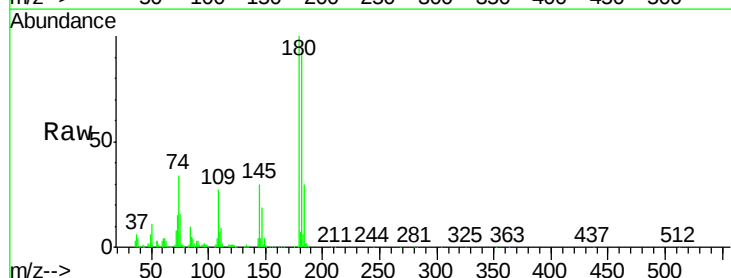


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

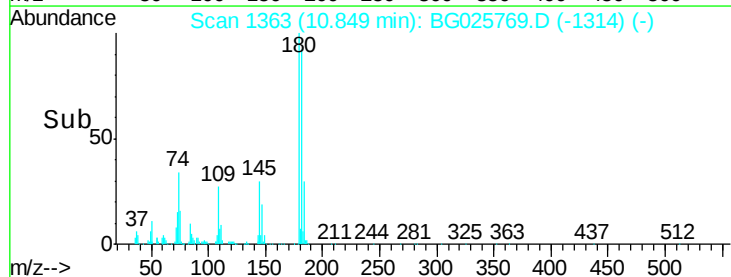
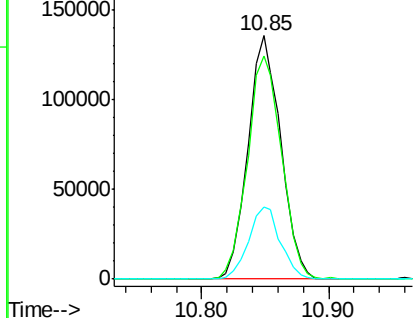


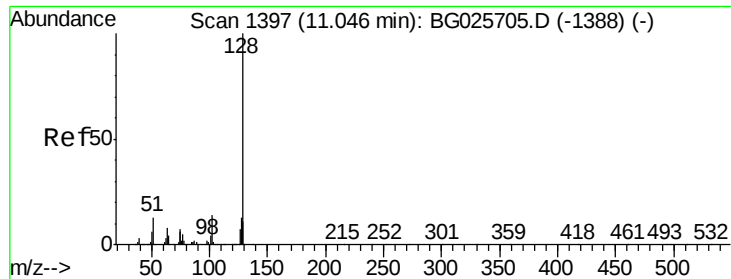
#30
 1,2,4-Trichlorobenzene
 Concen: 40.27 ng
 RT: 10.85 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	77.0	115.4
145	29.8	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

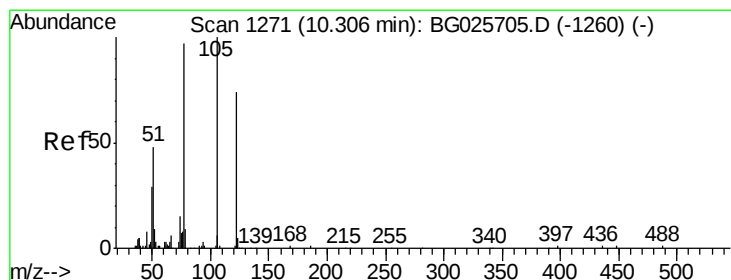
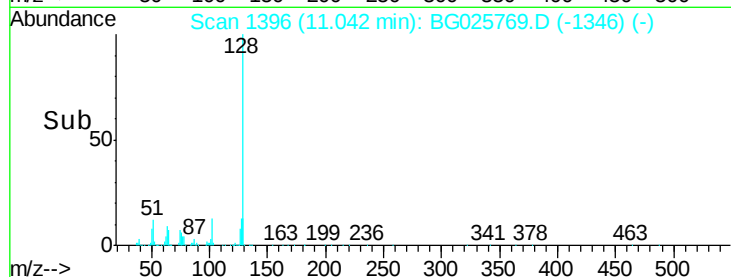
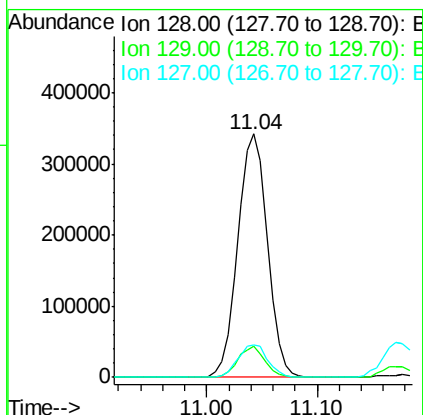
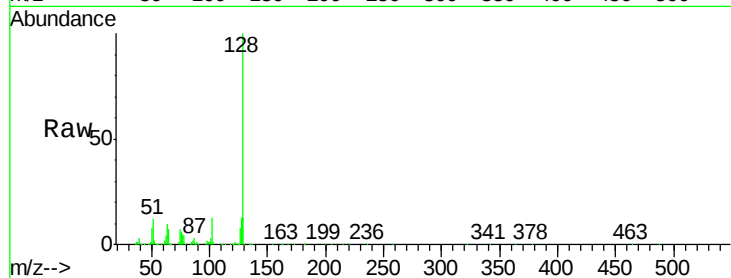




#31
Naphthalene
Concen: 39.23 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

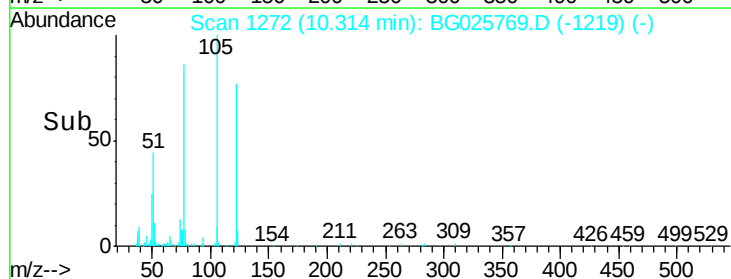
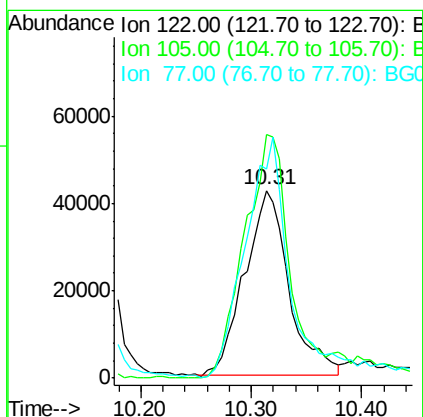
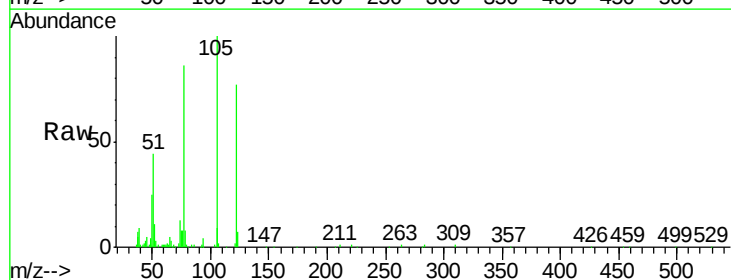
Instrument :
BNA_G
ClientSampleId :
PB96675BS

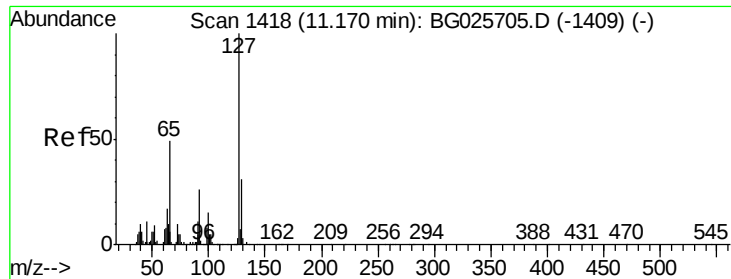
Tgt Ion:128 Resp: 647069
Ion Ratio Lower Upper
128 100
129 12.7 9.3 13.9
127 13.4 11.4 17.0



#32
Benzoic acid
Concen: 38.38 ng
RT: 10.31 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion:122 Resp: 119637
Ion Ratio Lower Upper
122 100
105 129.6 120.1 160.1
77 111.4 104.6 144.6

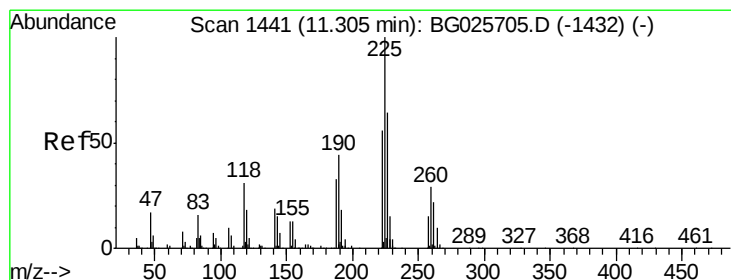
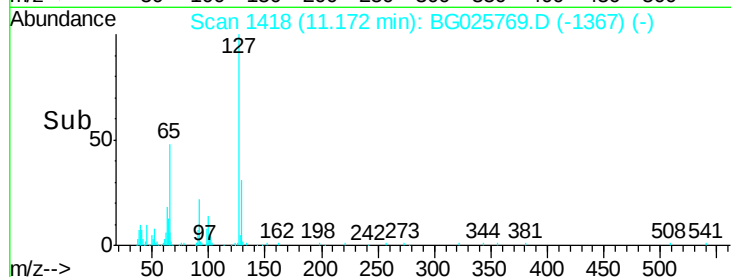
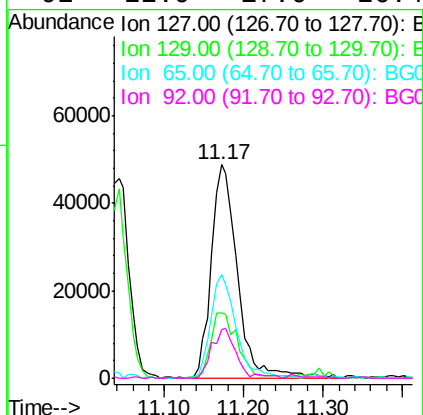
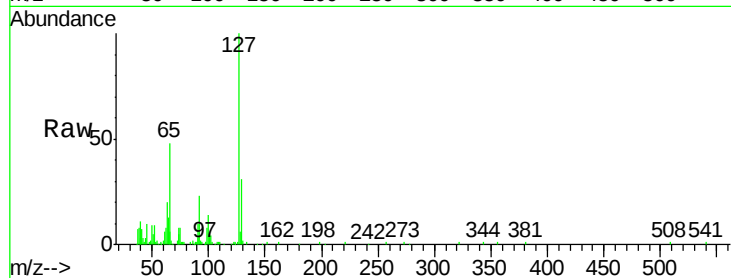




#33
4-Chloroaniline
Concen: 16.37 ng
RT: 11.17 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

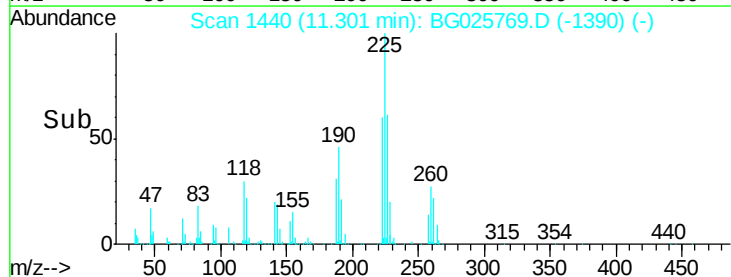
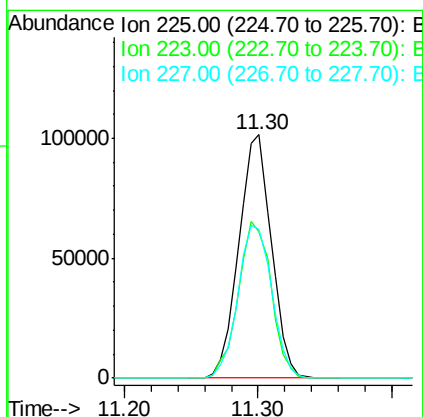
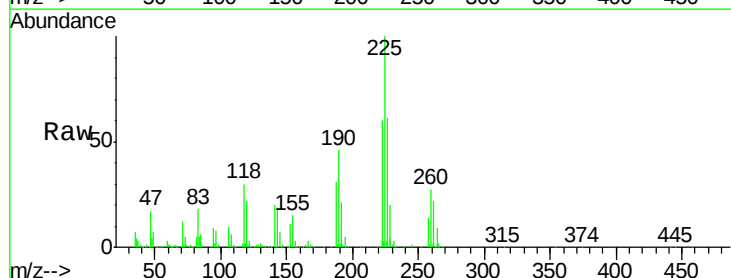
Instrument :
BNA_G
ClientSampleId :
PB96675BS

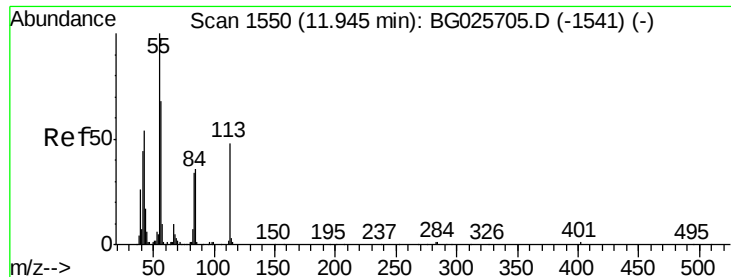
Tgt Ion:	127	Resp:	112208
Ion	Ratio	Lower	Upper
127	100		
129	30.8	23.6	35.4
65	48.3	37.7	56.5
92	22.9	17.6	26.4



#34
Hexachlorobutadiene
Concen: 34.72 ng
RT: 11.30 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion:	225	Resp:	170856
Ion	Ratio	Lower	Upper
225	100		
223	59.9	50.7	76.1
227	61.0	49.0	73.6





#35

Caprolactam

Concen: 18.72 ng

RT: 11.95 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampleId :

PB96675BS

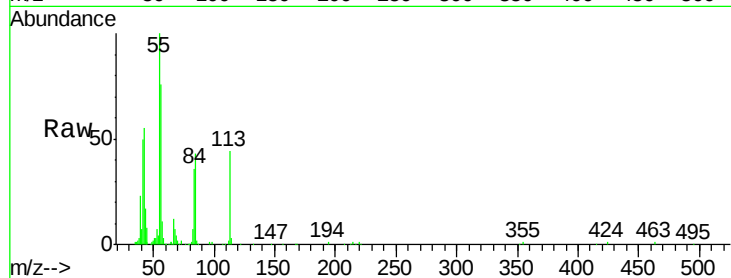
Tgt Ion:113 Resp: 41478

Ion Ratio Lower Upper

113 100

55 226.4 198.6 238.6

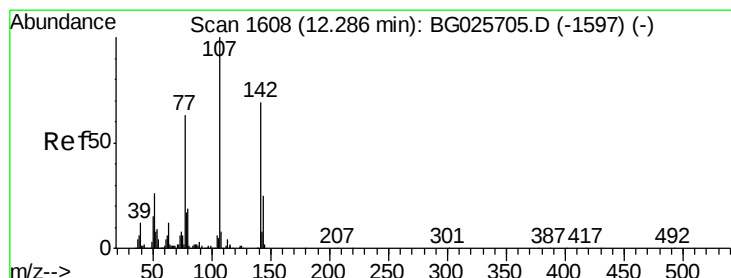
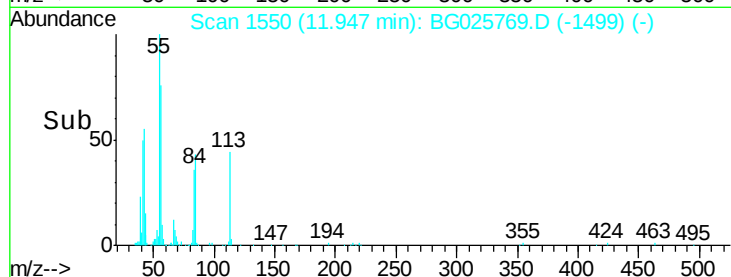
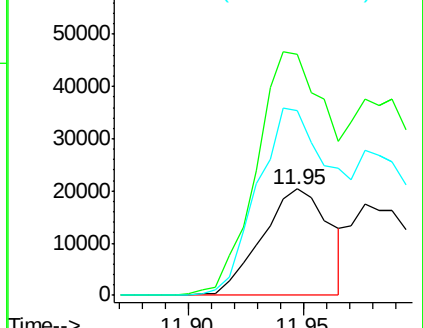
56 173.0 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.96 ng

RT: 12.28 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

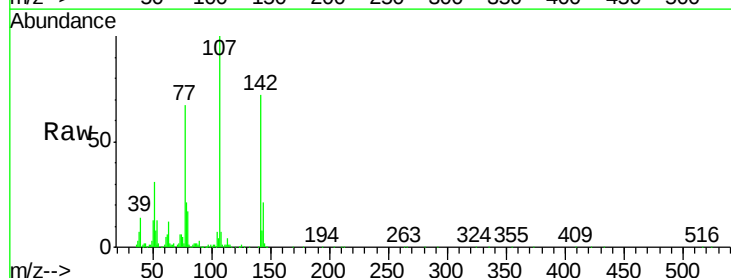
Tgt Ion:107 Resp: 291217

Ion Ratio Lower Upper

107 100

144 21.1 17.4 26.0

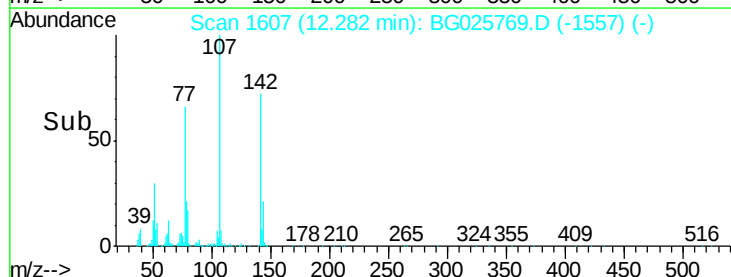
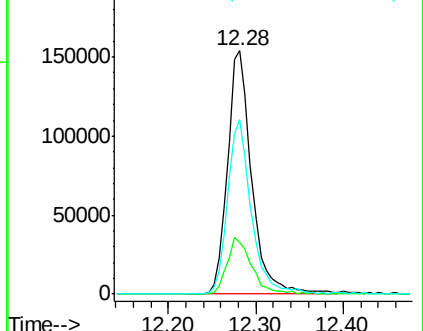
142 71.6 54.1 81.1

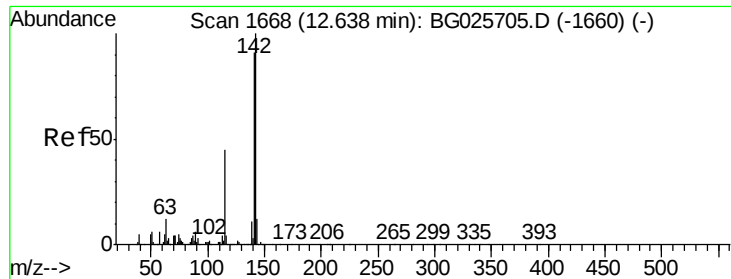


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

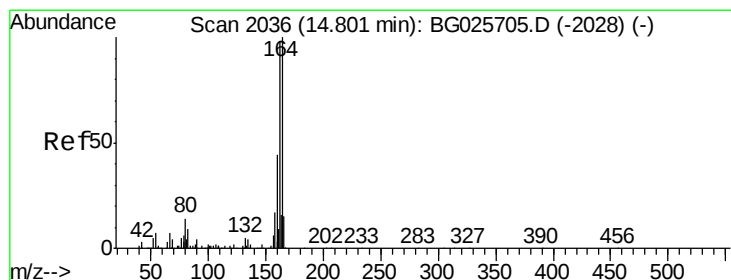
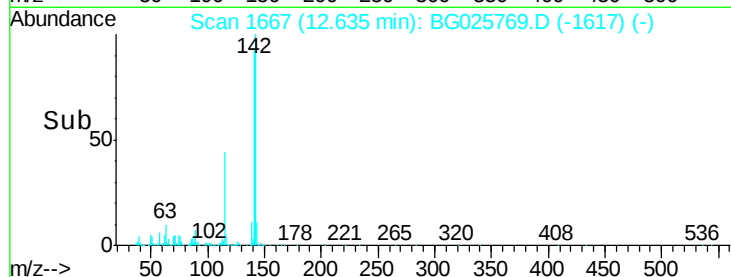
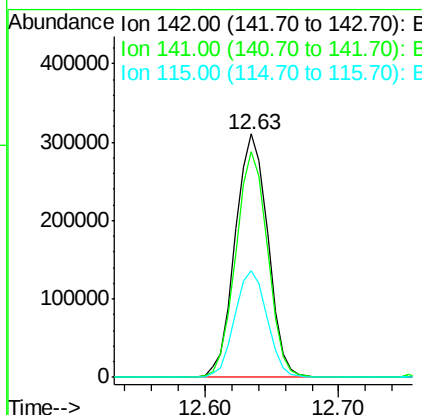
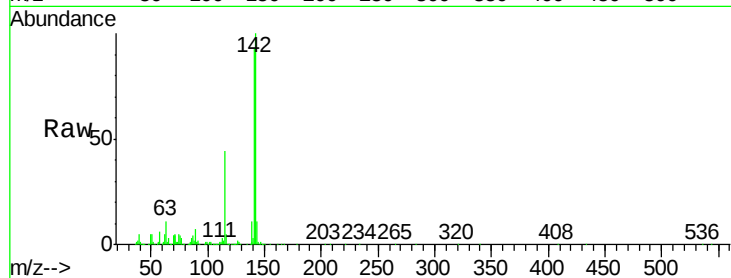




#37
 2-Methylnaphthalene
 Concen: 41.38 ng
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

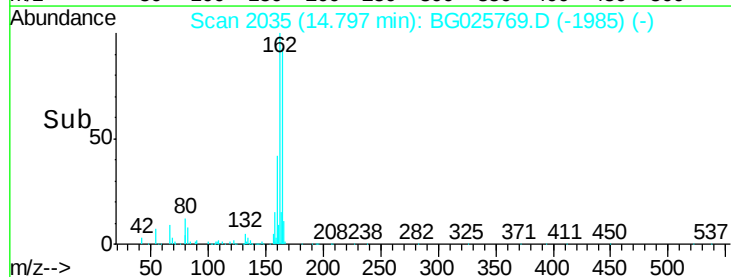
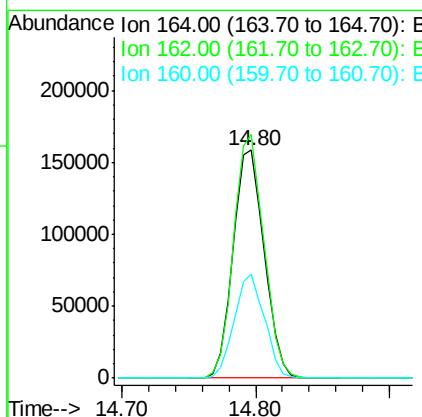
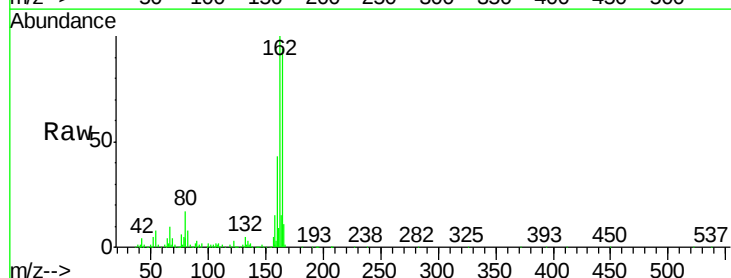
Instrument :
 BNA_G
 ClientSampleId :
 PB96675BS

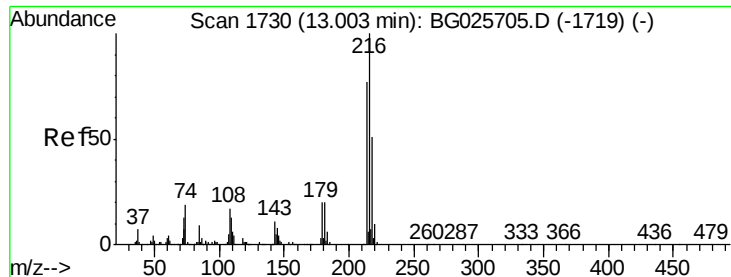
Tgt Ion:142 Resp: 527009
 Ion Ratio Lower Upper
 142 100
 141 92.5 70.4 105.6
 115 43.8 35.5 53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

Tgt Ion:164 Resp: 257885
 Ion Ratio Lower Upper
 164 100
 162 106.9 85.1 127.7
 160 45.5 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.37 ng

RT: 13.00 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampleId :

PB96675BS

Tgt Ion:216 Resp: 322749

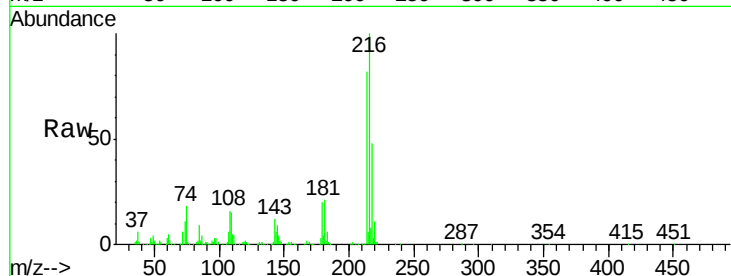
Ion Ratio Lower Upper

216 100

214 79.8 64.4 96.6

179 20.0 17.4 26.0

108 15.8 15.6 23.4

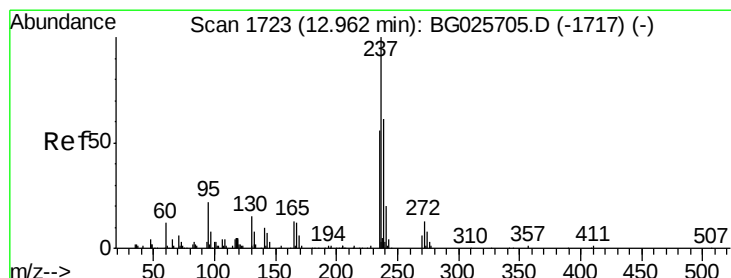
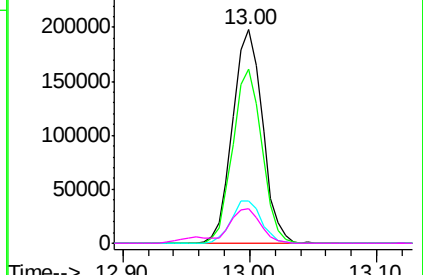
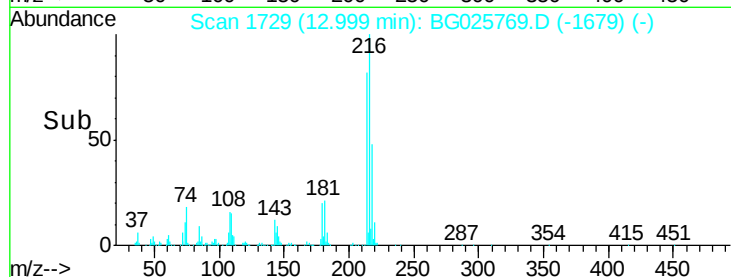


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.95 ng

RT: 12.96 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

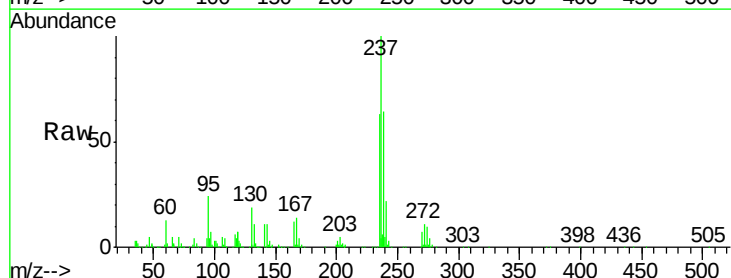
Tgt Ion:237 Resp: 220496

Ion Ratio Lower Upper

237 100

235 63.1 39.4 79.4

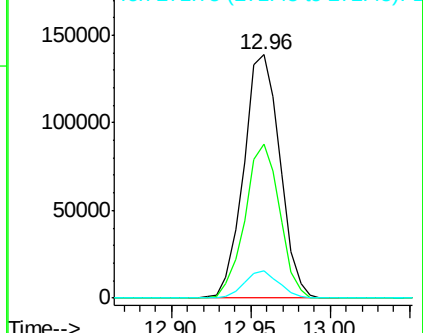
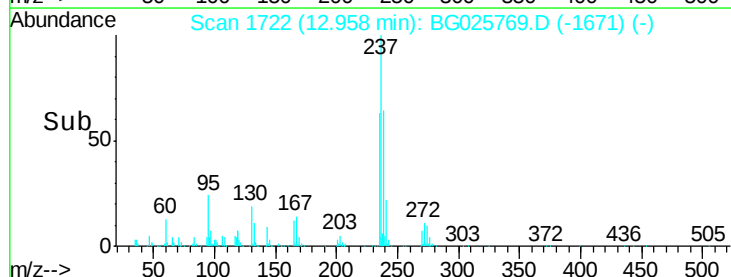
272 11.1 0.0 32.0

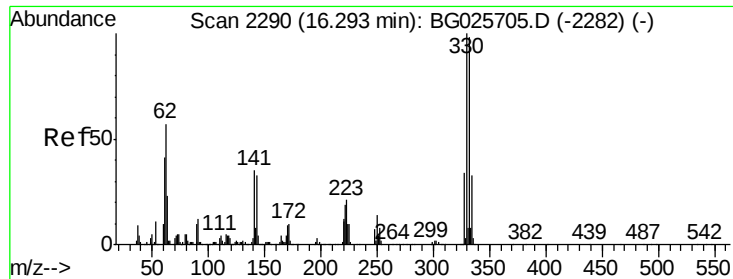


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

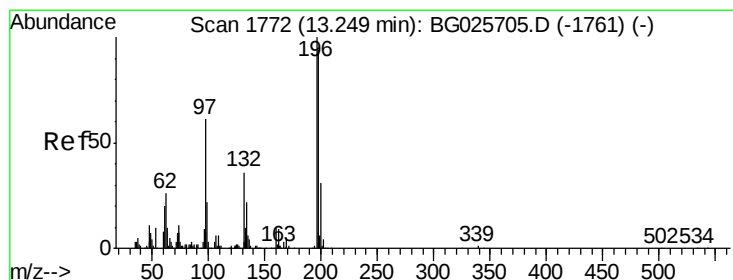
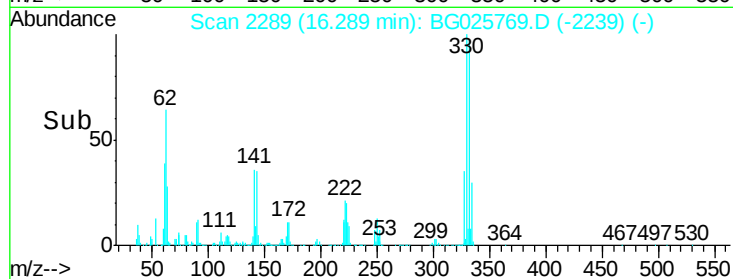
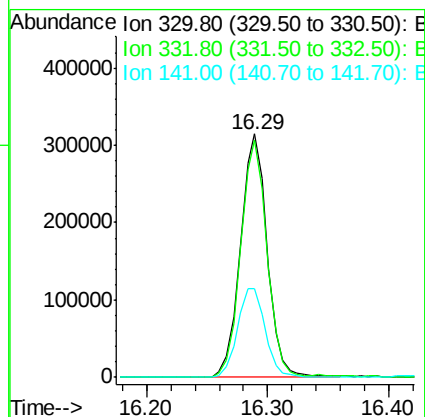
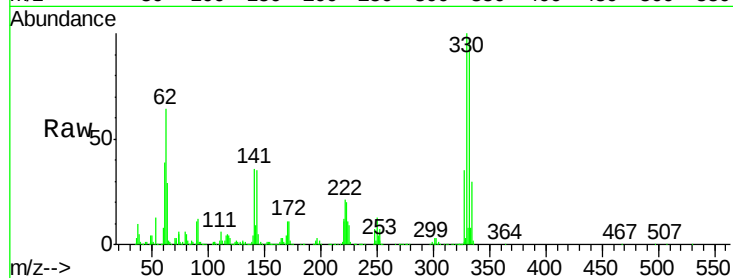




#41
 2,4,6-Tribromophenol
 Concen: 132.43 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

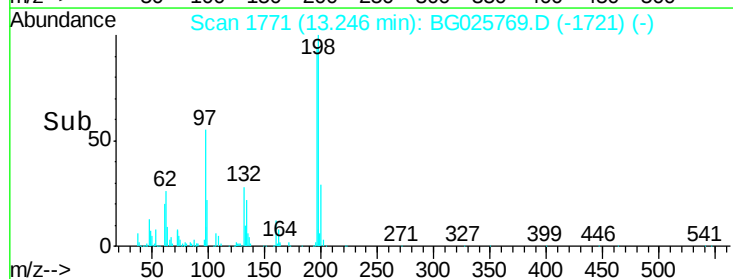
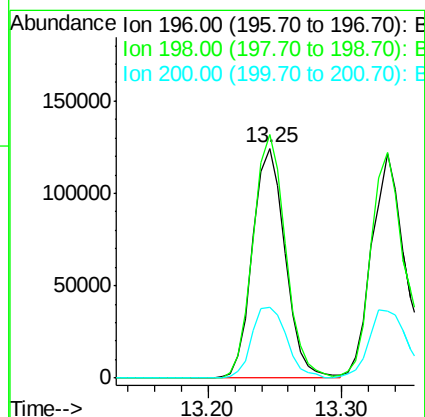
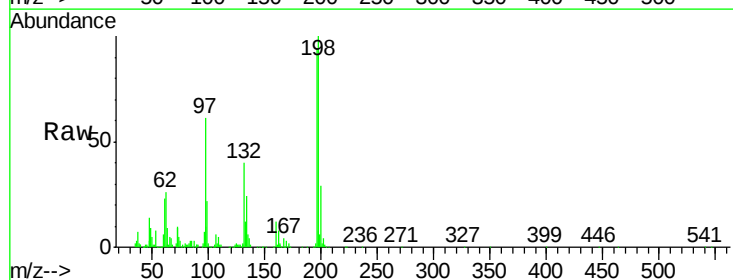
Instrument :
 BNA_G
 ClientSampleId :
 PB96675BS

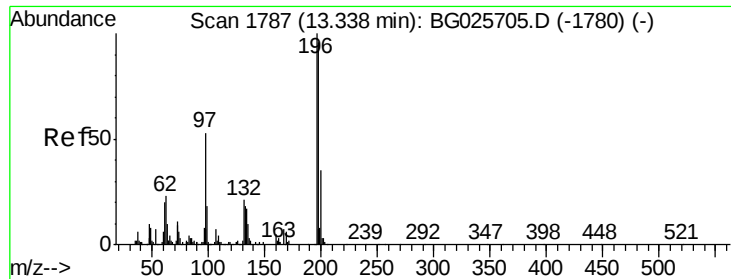
Tgt Ion:330 Resp: 487042
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.3 115.9
 141 38.0 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 41.48 ng
 RT: 13.25 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

Tgt Ion:196 Resp: 209721
 Ion Ratio Lower Upper
 196 100
 198 106.1 81.4 122.2
 200 30.8 27.0 40.6

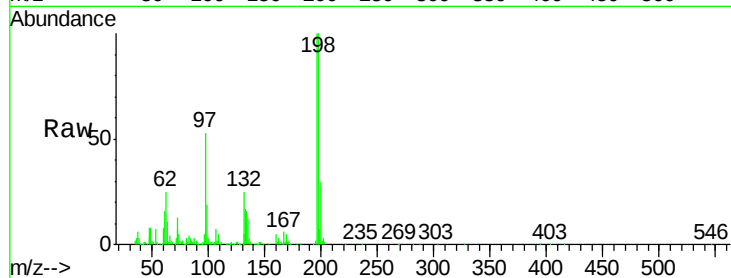




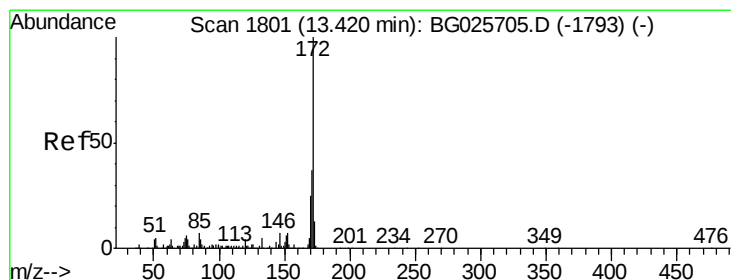
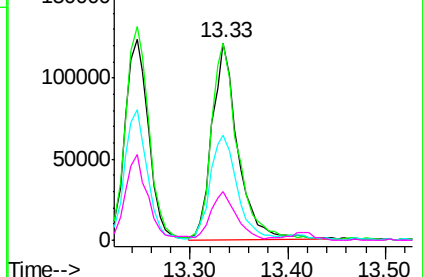
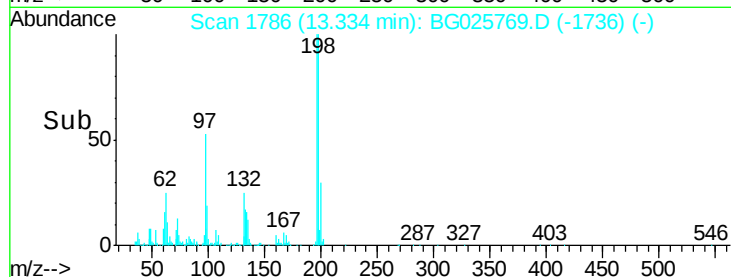
#43
 2,4,5-Trichlorophenol
 Concen: 40.98 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96675BS

Tgt Ion:196 Resp: 223667
 Ion Ratio Lower Upper
 196 100
 198 100.1 79.9 119.9
 97 53.3 45.4 68.0
 132 24.6 20.7 31.1

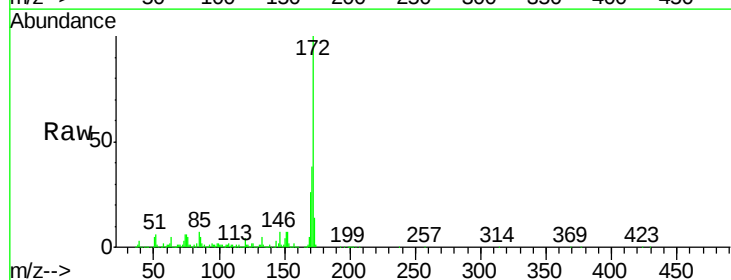


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

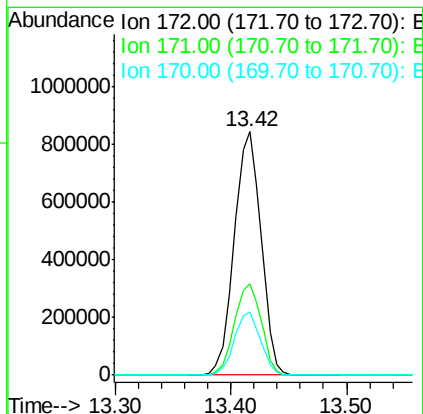
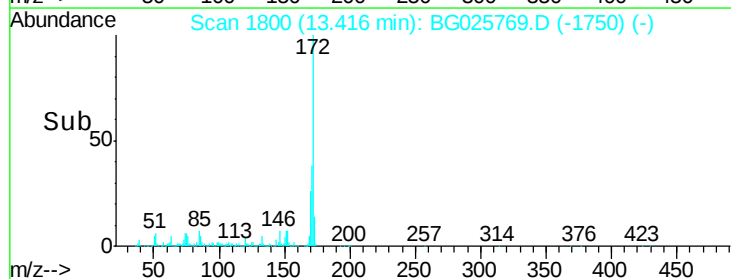


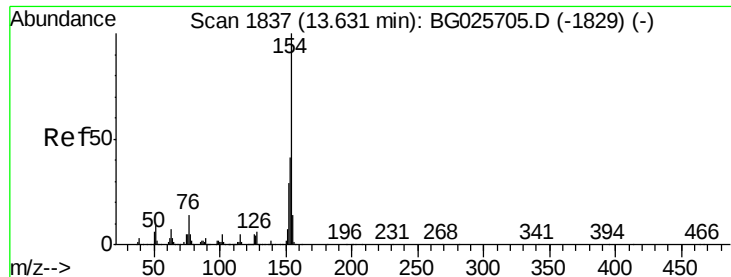
#44
 2-Fluorobiphenyl
 Concen: 85.27 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

Tgt Ion:172 Resp: 1353960
 Ion Ratio Lower Upper
 172 100
 171 37.6 32.2 48.2
 170 25.8 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

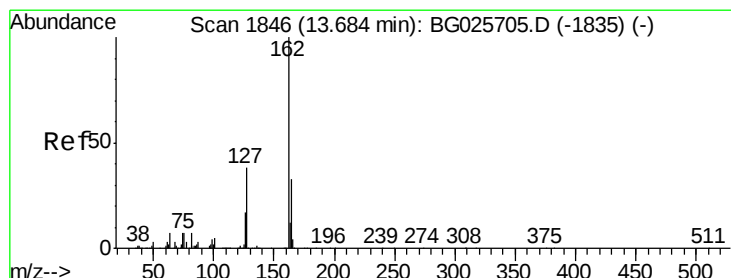
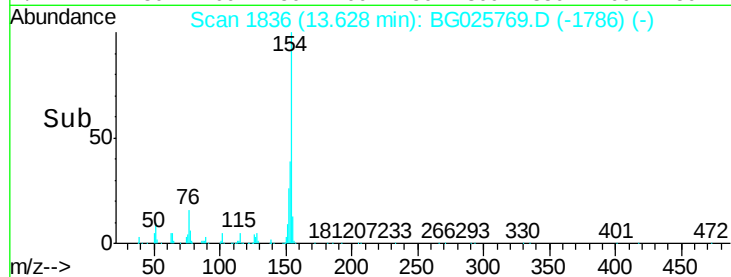
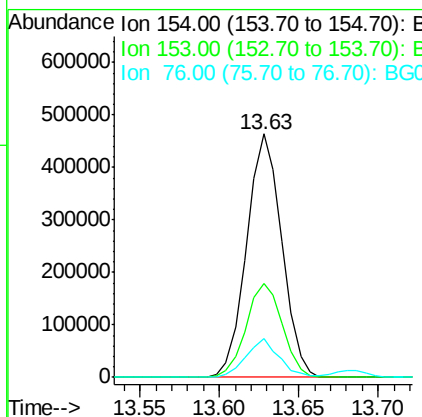
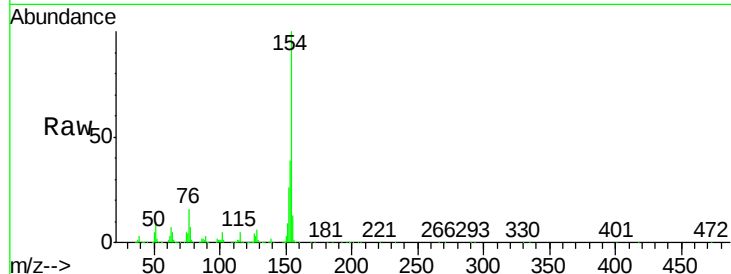




#45
 1,1'-Biphenyl
 Concen: 39.87 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

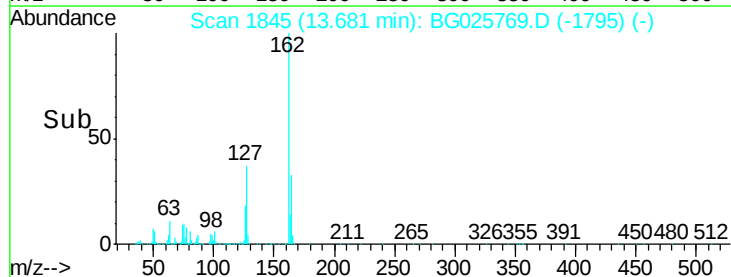
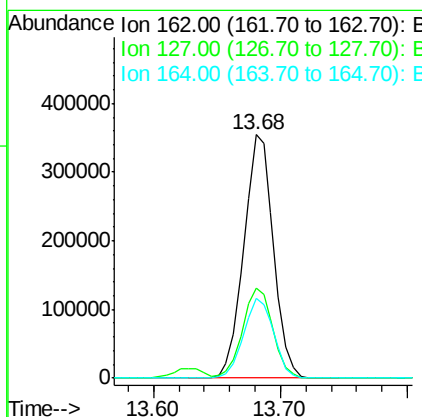
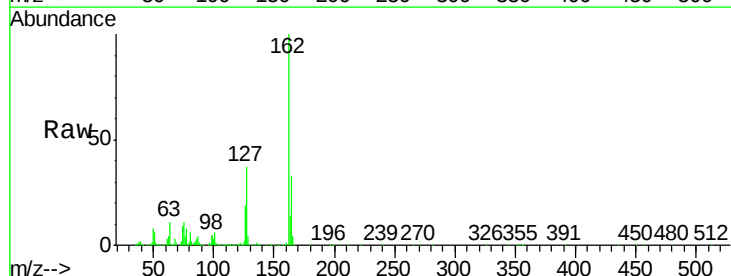
Instrument :
 BNA_G
 ClientSampleId :
 PB96675BS

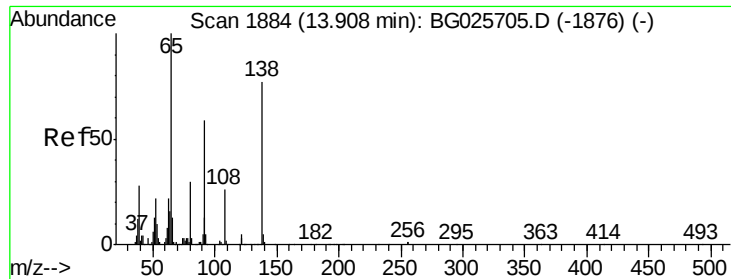
Tgt Ion:154 Resp: 715323
 Ion Ratio Lower Upper
 154 100
 153 38.6 23.0 63.0
 76 15.8 0.0 33.5



#46
 2-Chloronaphthalene
 Concen: 40.74 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

Tgt Ion:162 Resp: 574042
 Ion Ratio Lower Upper
 162 100
 127 36.8 32.2 48.4
 164 32.6 27.3 40.9





#47

2-Nitroaniline

Concen: 40.72 ng

RT: 13.90 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampleId :

PB96675BS

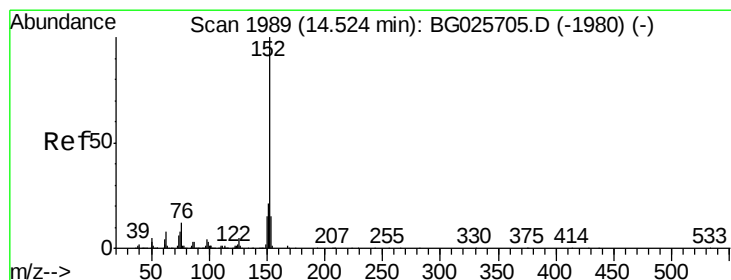
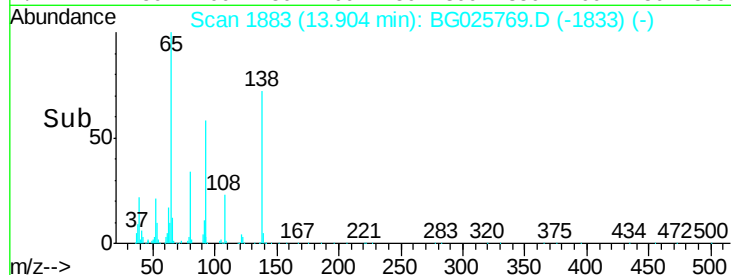
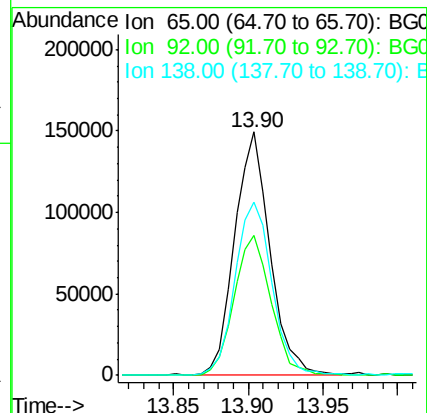
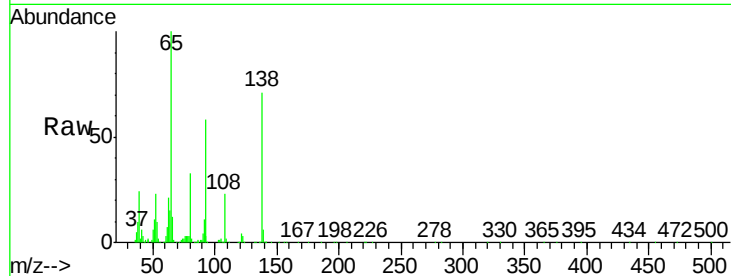
Tgt Ion: 65 Resp: 246877

Ion Ratio Lower Upper

65 100

92 57.6 49.0 73.4

138 71.0 58.6 87.8



#48

Acenaphthylene

Concen: 39.06 ng

RT: 14.53 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

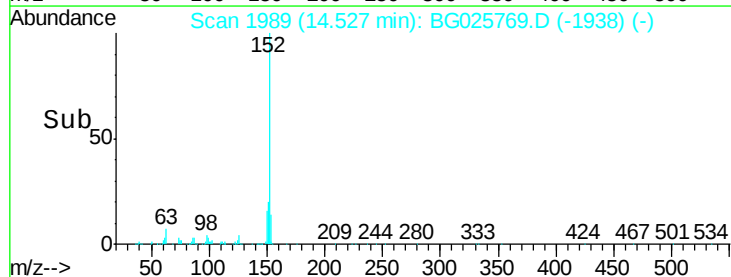
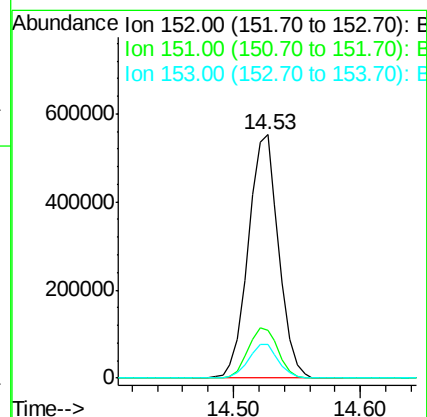
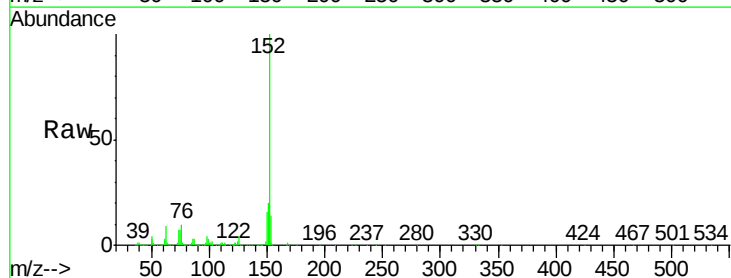
Tgt Ion: 152 Resp: 915477

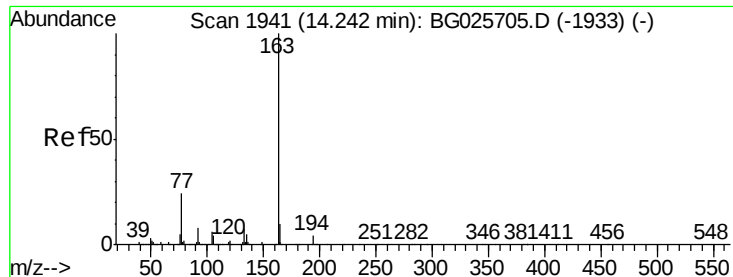
Ion Ratio Lower Upper

152 100

151 19.6 18.2 27.2

153 13.7 11.3 16.9





#49

Dimethylphthalate

Concen: 39.41 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampleId :

PB96675BS

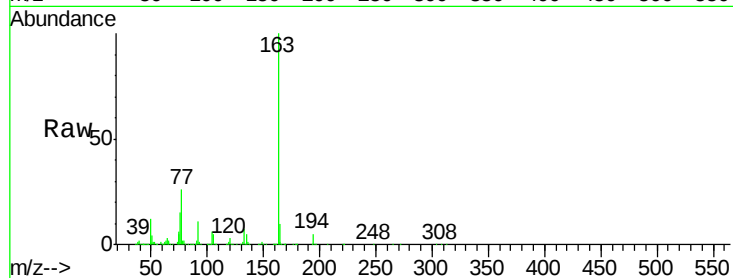
Tgt Ion:163 Resp: 765273

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

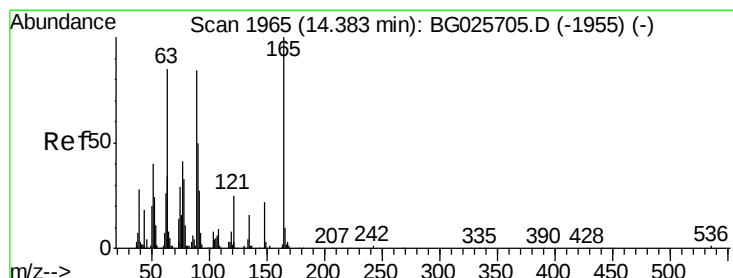
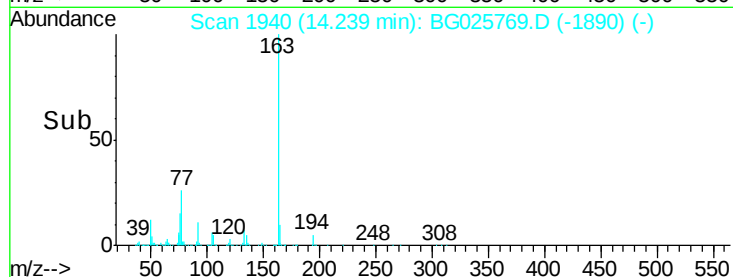
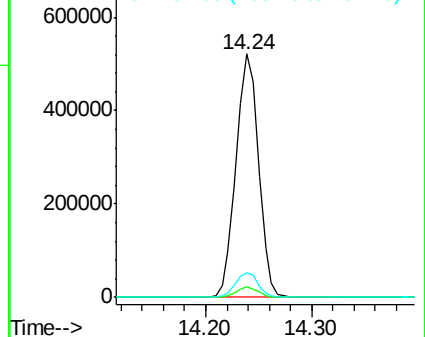
164 10.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.48 ng

RT: 14.39 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

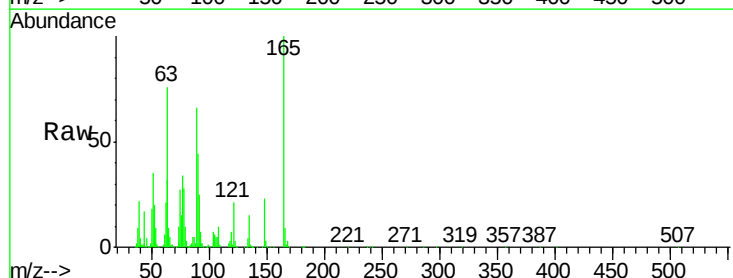
Tgt Ion:165 Resp: 173635

Ion Ratio Lower Upper

165 100

63 75.7 63.9 95.9

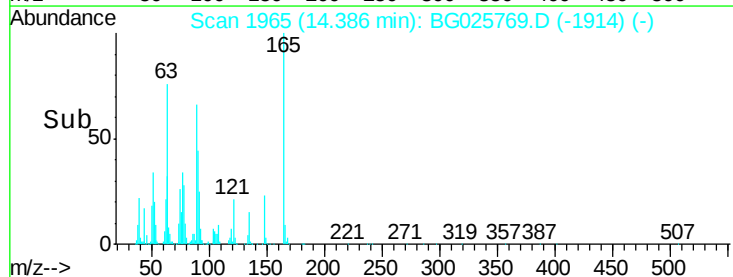
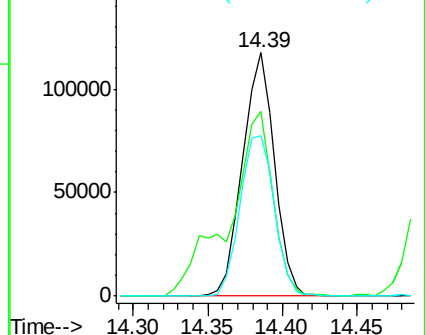
89 65.9 58.6 88.0

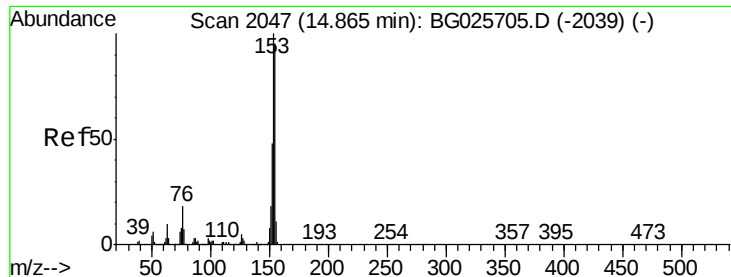


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.10 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampled :

PB96675BS

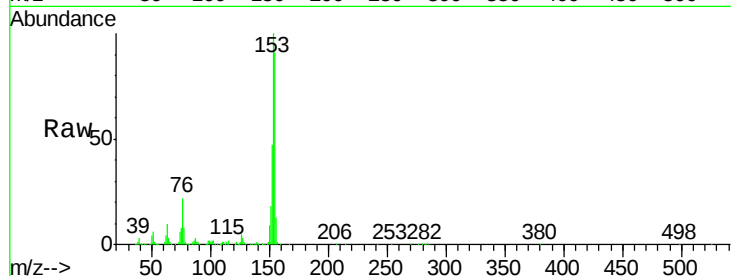
Tgt Ion:154 Resp: 580716

Ion Ratio Lower Upper

154 100

153 109.4 87.8 131.6

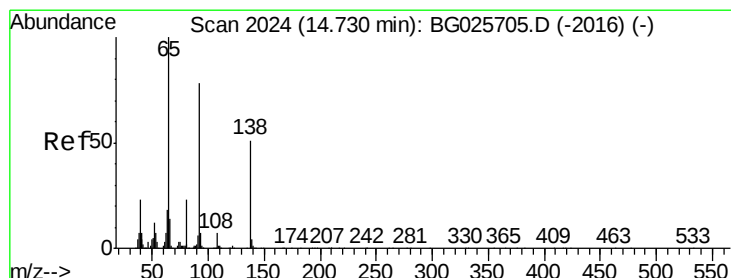
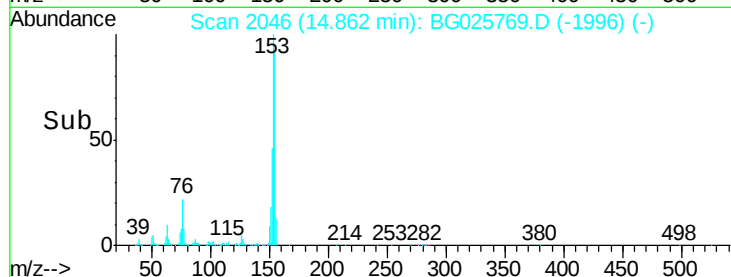
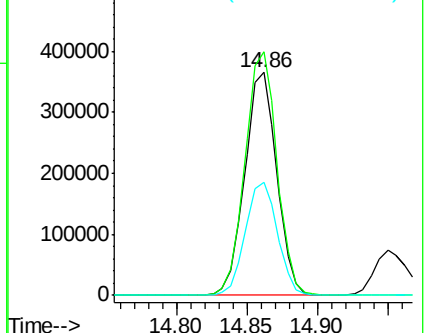
152 50.9 42.2 63.4



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: 22.09 ng

RT: 14.73 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

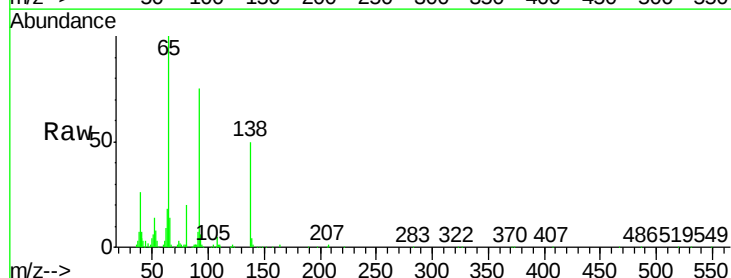
Tgt Ion:138 Resp: 91588

Ion Ratio Lower Upper

138 100

108 10.7 10.9 16.3#

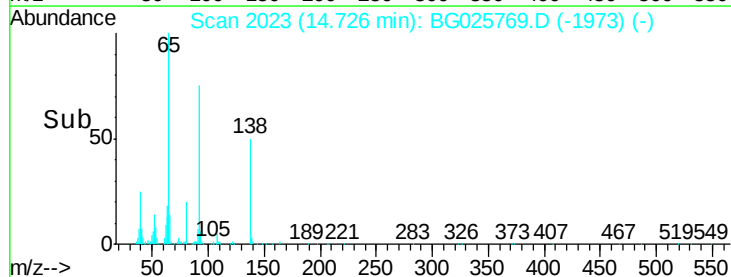
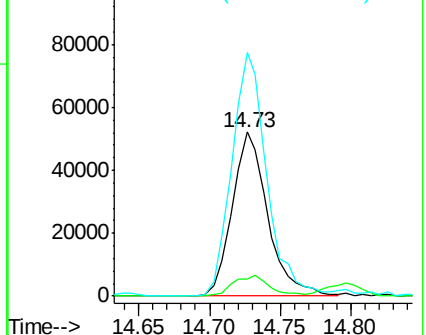
92 148.4 115.3 172.9

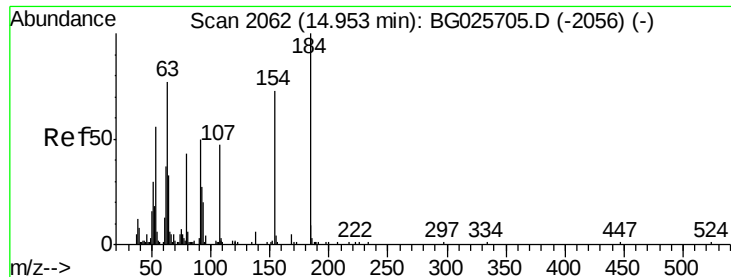


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

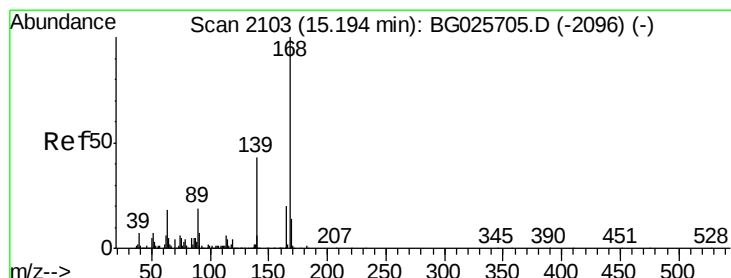
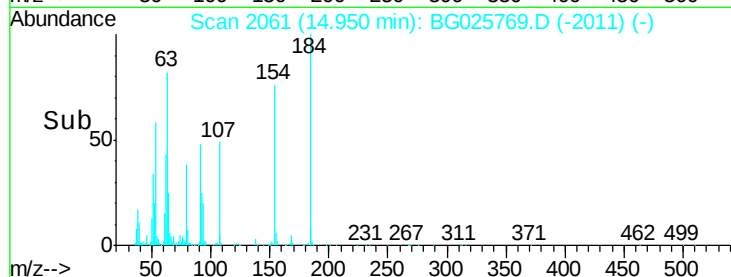
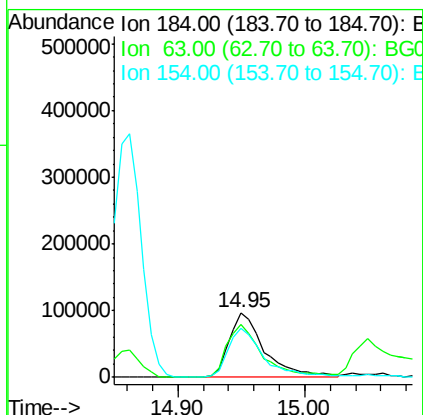
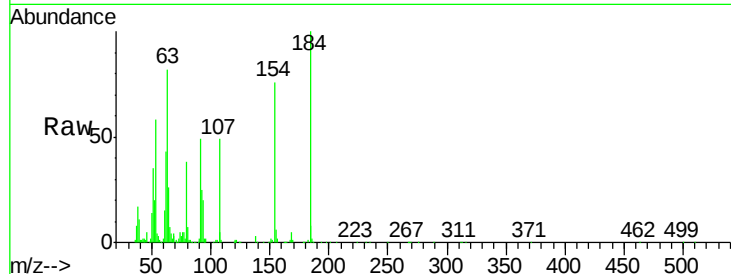




#53
2,4-Dinitrophenol
Concen: 72.44 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

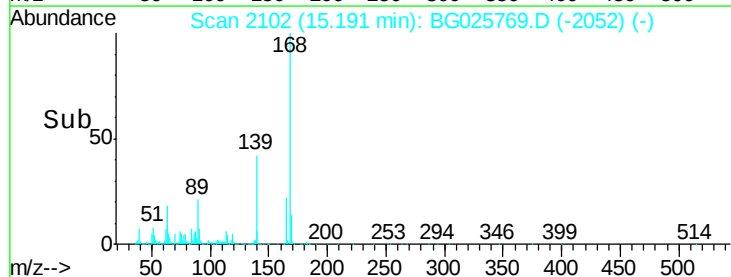
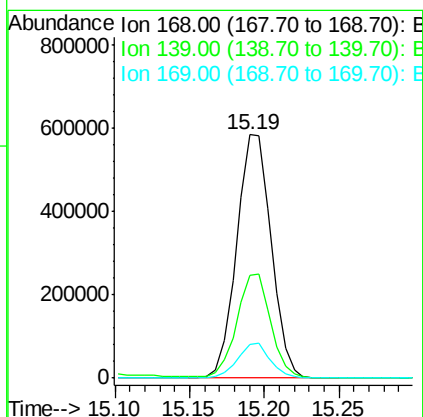
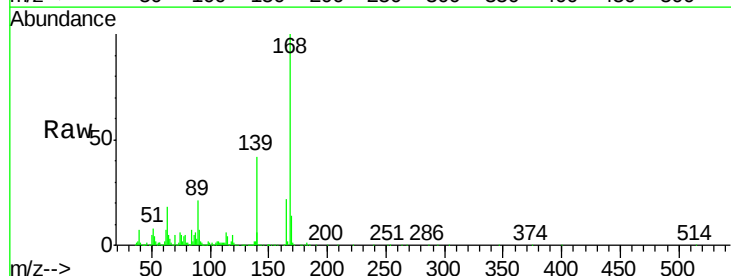
Instrument :
BNA_G
ClientSampleId :
PB96675BS

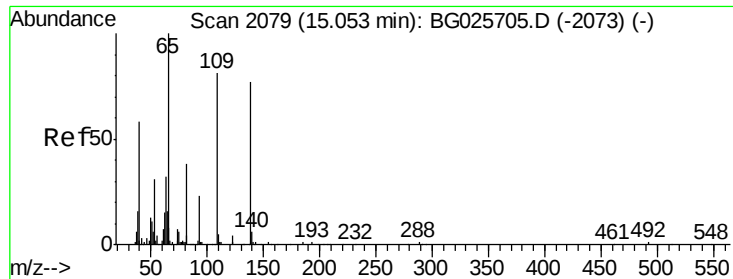
Tgt Ion:184 Resp: 187927
Ion Ratio Lower Upper
184 100
63 82.3 52.7 79.1#
154 75.8 57.3 85.9



#54
Dibenzofuran
Concen: 42.84 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion:168 Resp: 937412
Ion Ratio Lower Upper
168 100
139 42.4 35.3 52.9
169 13.6 11.5 17.3

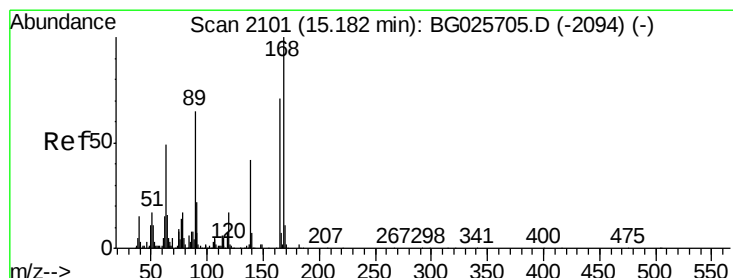
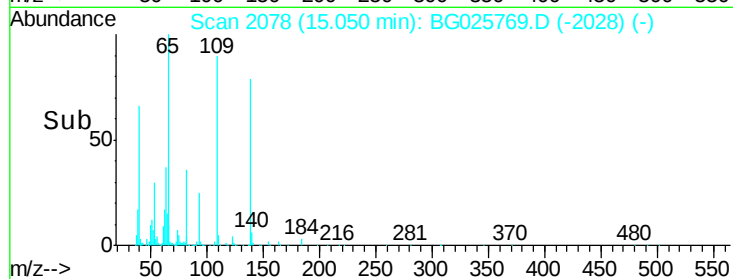
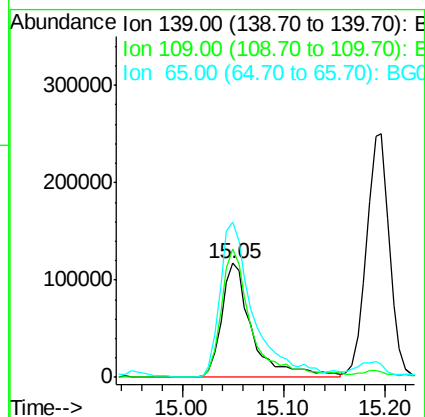
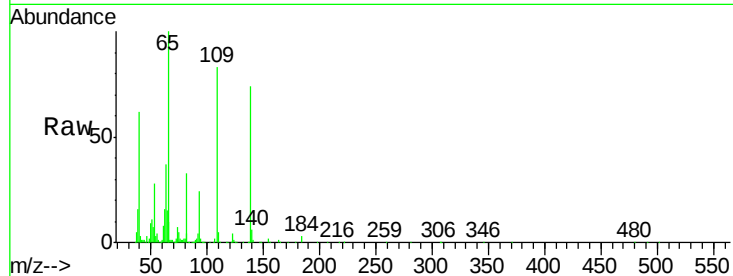




#55
4-Nitrophenol
Concen: 76.95 ng
RT: 15.05 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

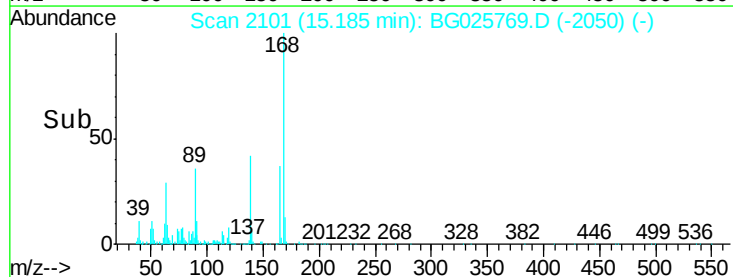
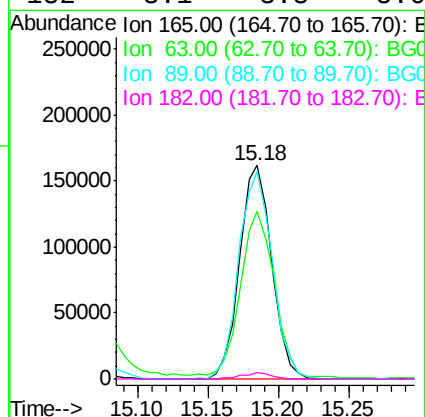
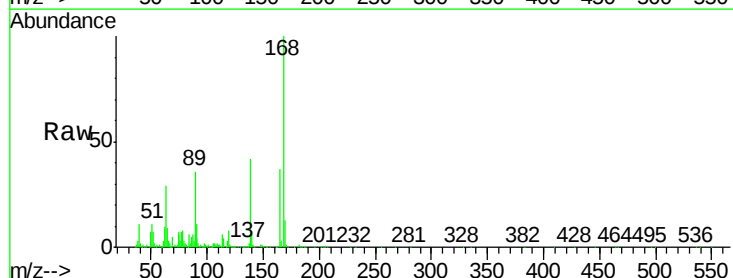
Instrument :
BNA_G
ClientSampleId :
PB96675BS

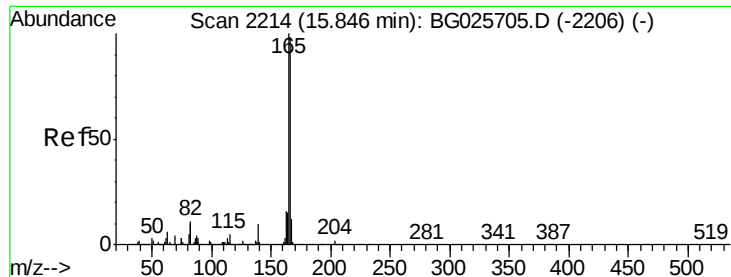
Tgt Ion	Ratio	Lower	Upper
139	100		
109	112.2	101.2	141.2
65	135.9	135.3	175.3



#56
2,4-Dinitrotoluene
Concen: 40.00 ng
RT: 15.18 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	78.3	44.0	66.0#
89	97.4	67.3	100.9
182	3.1	3.8	5.6#





#57

Fluorene

Concen: 39.44 ng

RT: 15.84 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampleId :

PB96675BS

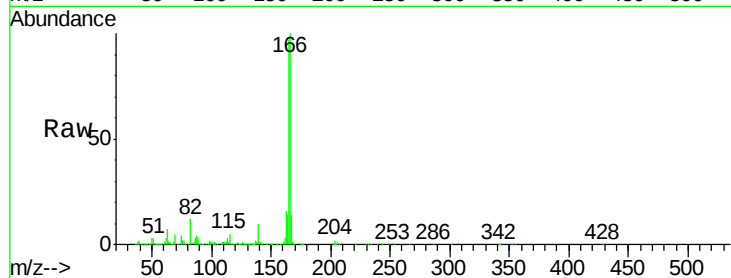
Tgt Ion:166 Resp: 766805

Ion Ratio Lower Upper

166 100

165 96.8 78.6 117.8

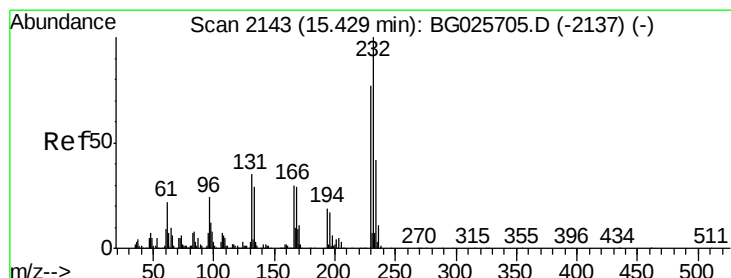
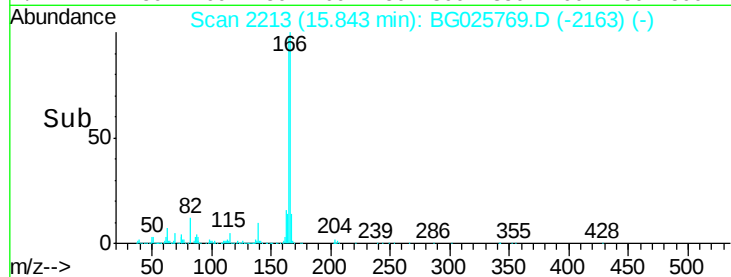
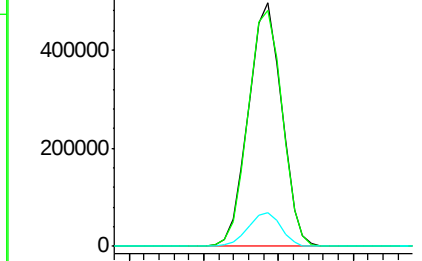
167 13.6 11.6 17.4



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: 45.84 ng

RT: 15.43 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Tgt Ion:232 Resp: 233814

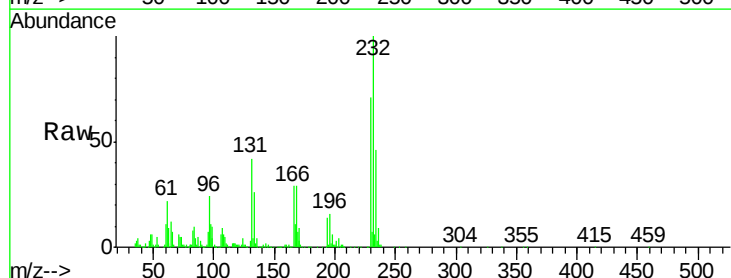
Ion Ratio Lower Upper

232 100

131 40.5 34.9 52.3

130 2.8 2.3 3.5

166 29.2 24.2 36.4

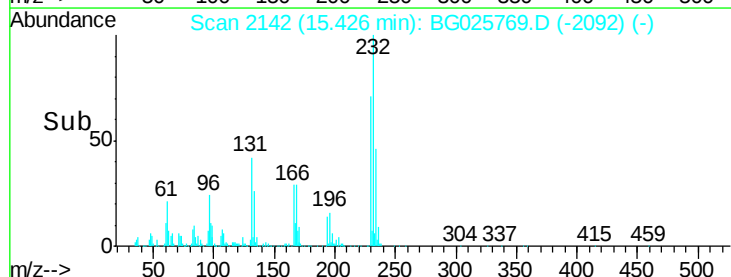
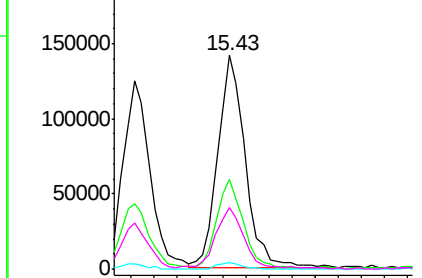


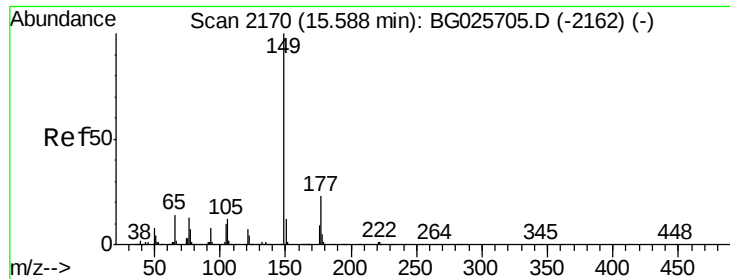
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

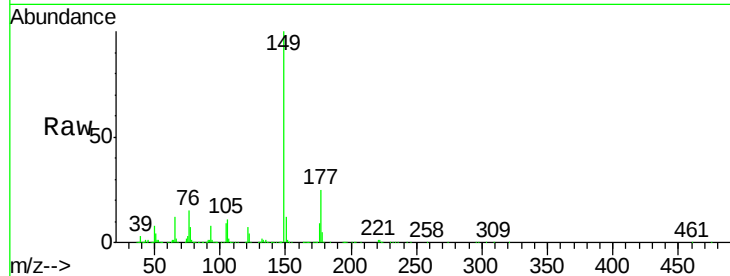




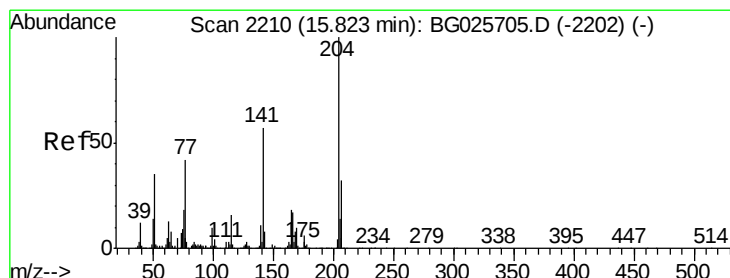
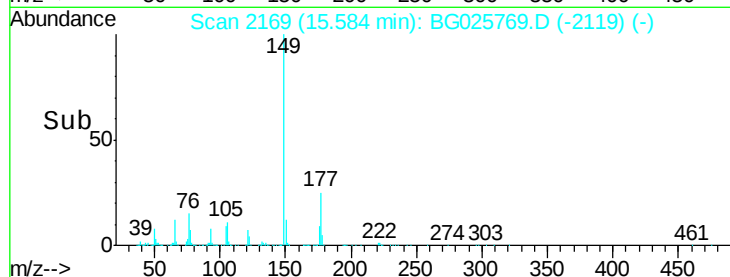
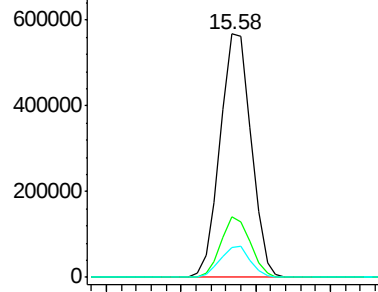
#59
Diethylphthalate
Concen: 39.53 ng
RT: 15.58 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Instrument :
BNA_G
ClientSampleId :
PB96675BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	20.1	30.1
150	12.3	10.2	15.2

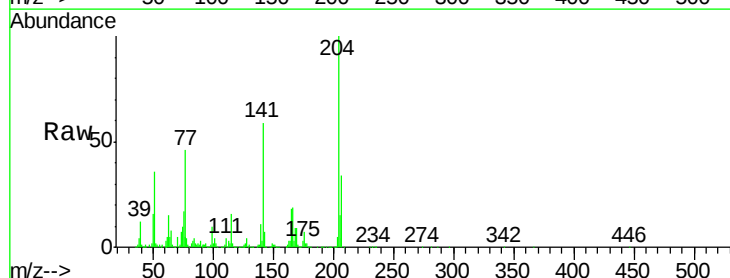


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

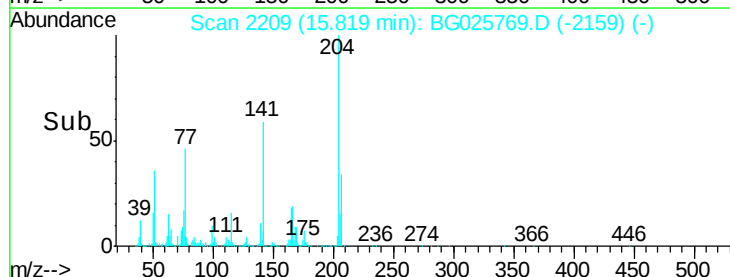
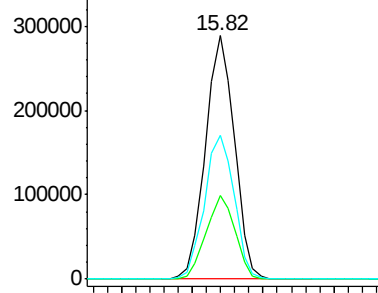


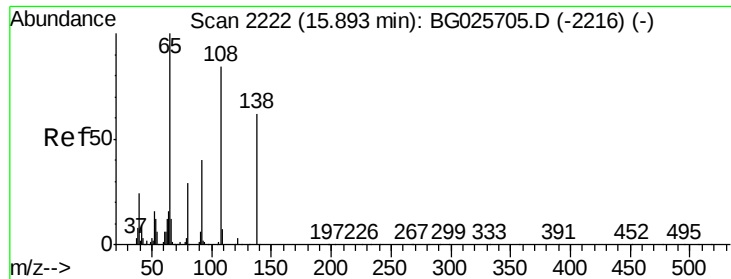
#60
4-Chlorophenyl-phenylether
Concen: 39.12 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	30.1	45.1
141	59.0	50.6	76.0



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

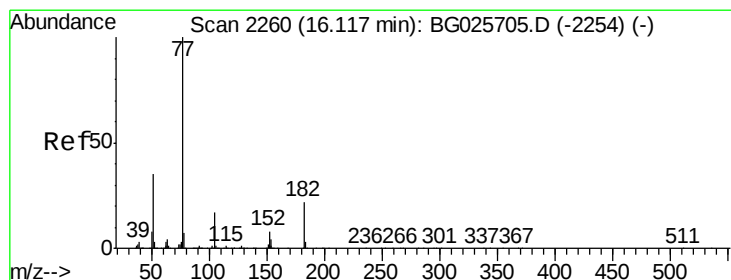
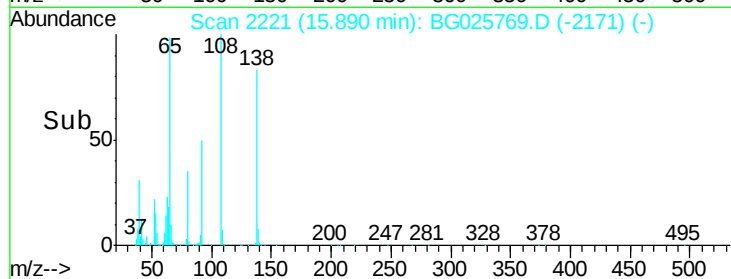
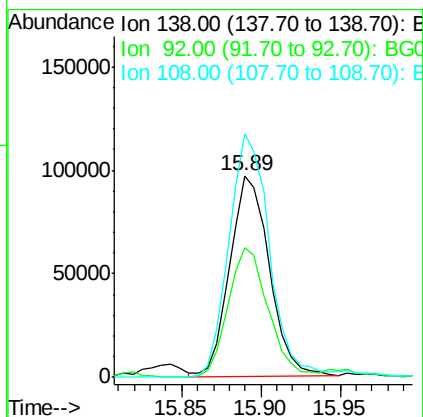
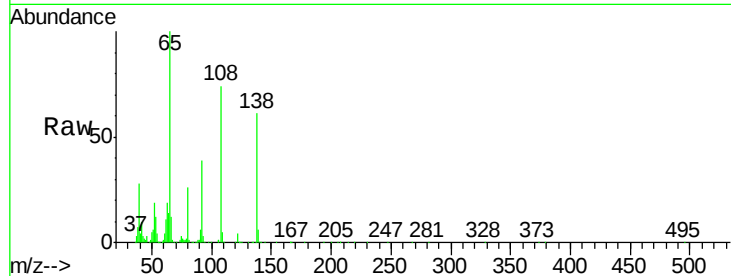




#61
4-Nitroaniline
Concen: 40.11 ng
RT: 15.89 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

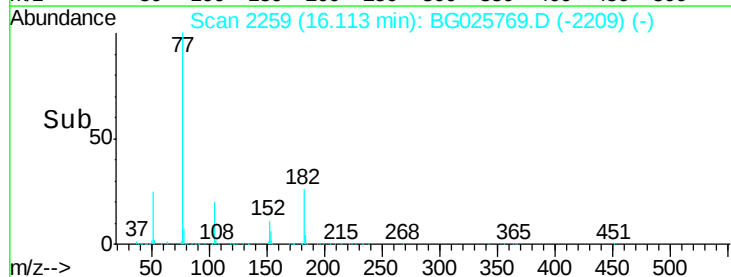
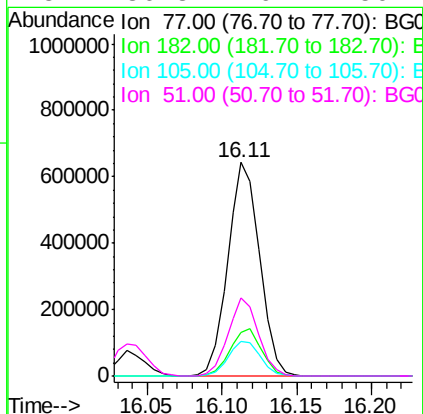
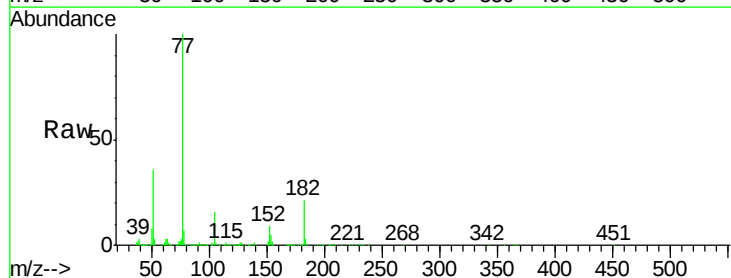
Instrument :
BNA_G
ClientSampleId :
PB96675BS

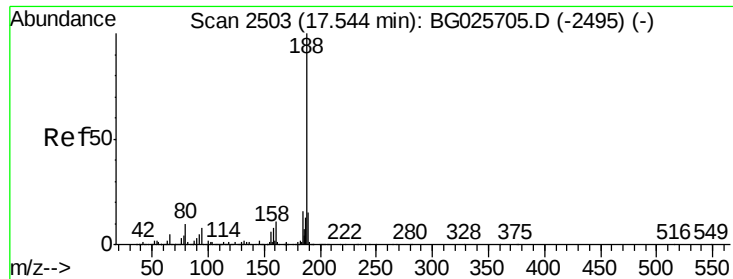
Tgt Ion: 138 Resp: 167037
Ion Ratio Lower Upper
138 100
92 63.9 44.2 84.2
108 120.6 104.8 144.8



#62
Azobenzene
Concen: 45.50 ng
RT: 16.11 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion: 77 Resp: 953205
Ion Ratio Lower Upper
77 100
182 20.7 4.7 44.7
105 16.0 0.0 36.3
51 36.3 16.4 56.4

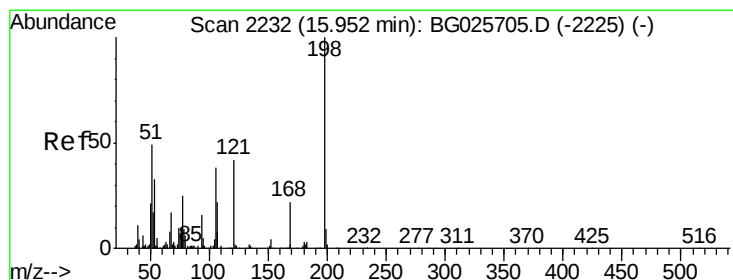
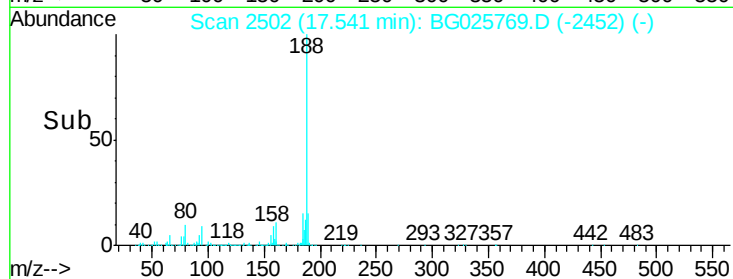
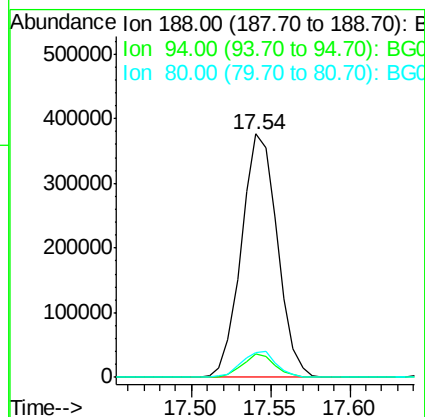
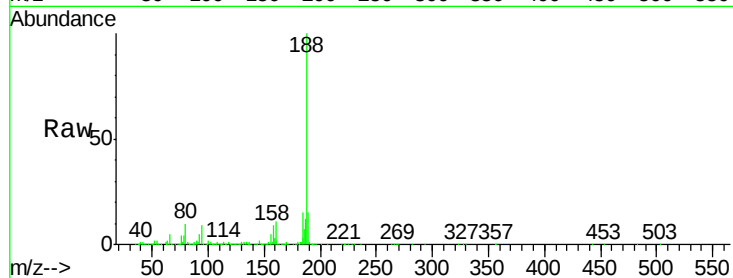




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

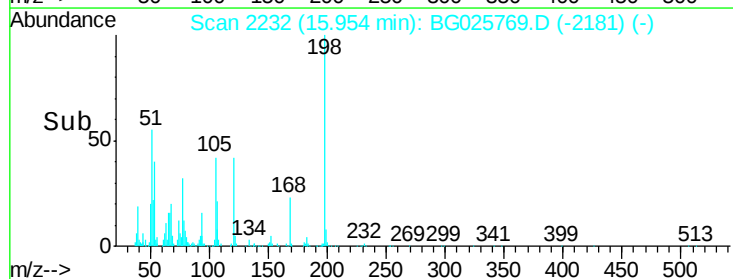
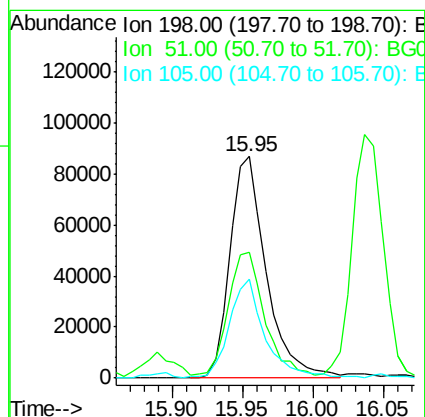
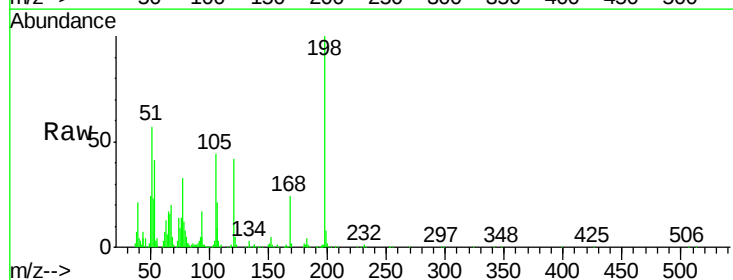
Instrument :
BNA_G
ClientSampleId :
PB96675BS

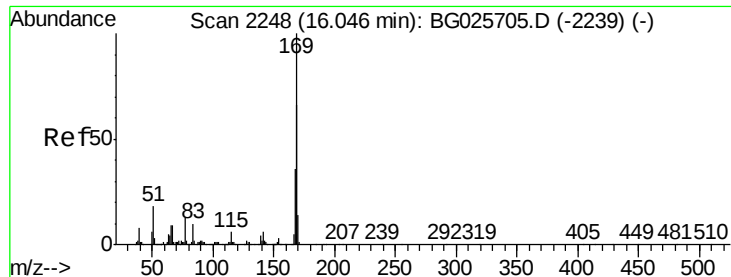
Tgt Ion:188 Resp: 592314
Ion Ratio Lower Upper
188 100
94 9.4 5.8 8.8#
80 10.0 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 36.91 ng
RT: 15.95 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion:198 Resp: 155379
Ion Ratio Lower Upper
198 100
51 57.0 22.6 62.6
105 44.5 14.4 54.4

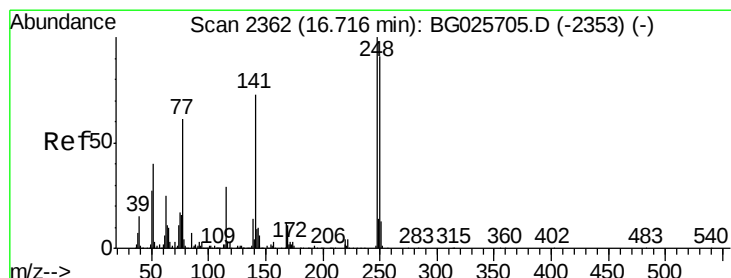
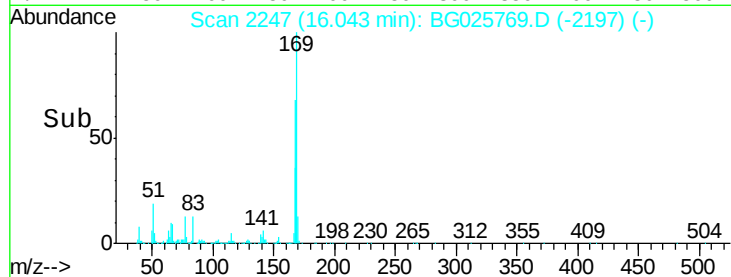
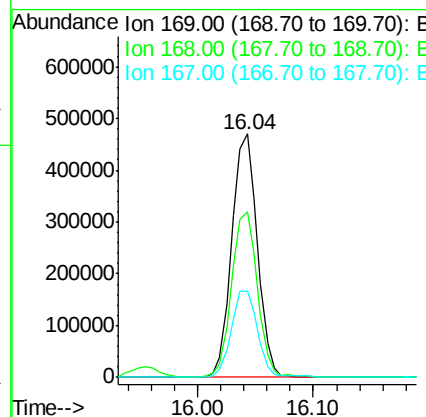
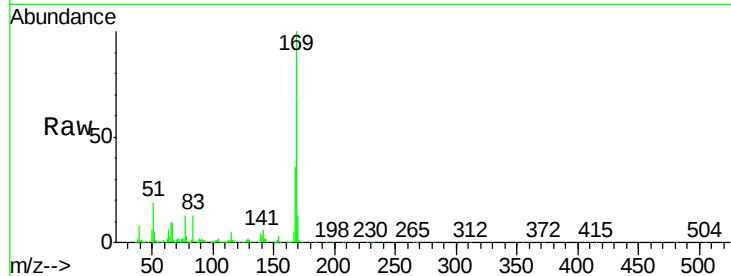




#65
n-Nitrosodiphenylamine
Concen: 42.22 ng
RT: 16.04 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

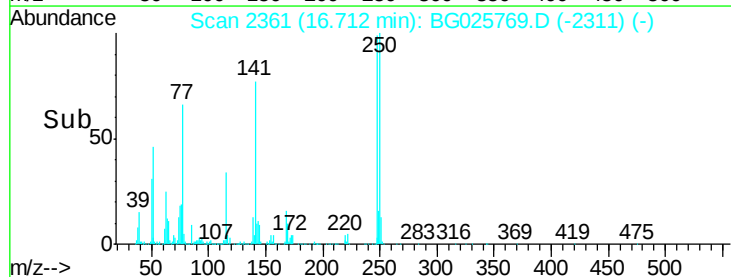
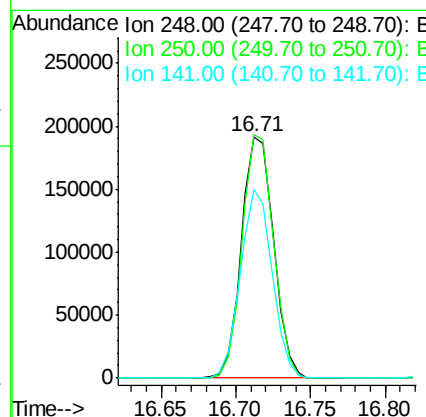
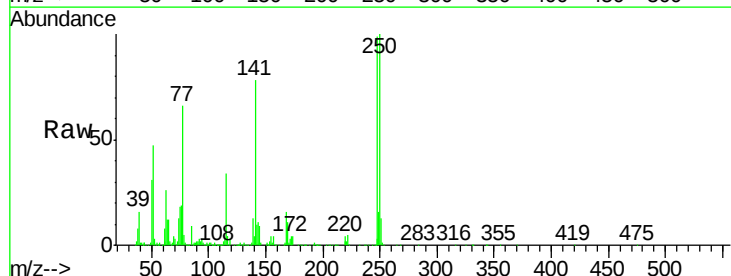
Instrument :
BNA_G
ClientSampleId :
PB96675BS

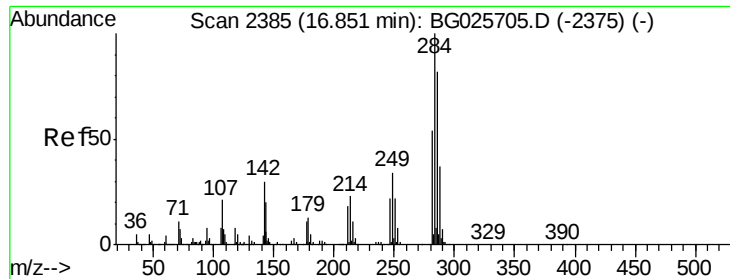
Tgt Ion:169 Resp: 717824
Ion Ratio Lower Upper
169 100
168 68.2 55.7 83.5
167 35.6 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 39.87 ng
RT: 16.71 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion:248 Resp: 287196
Ion Ratio Lower Upper
248 100
250 100.8 75.0 112.6
141 78.2 55.2 82.8

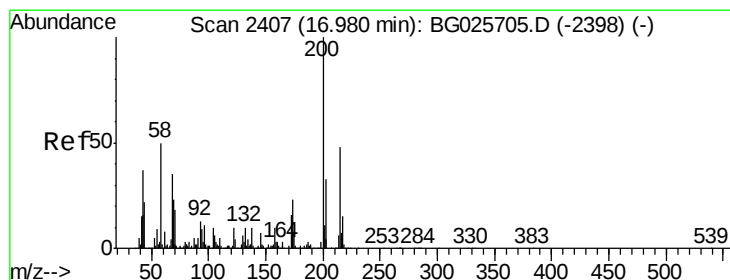
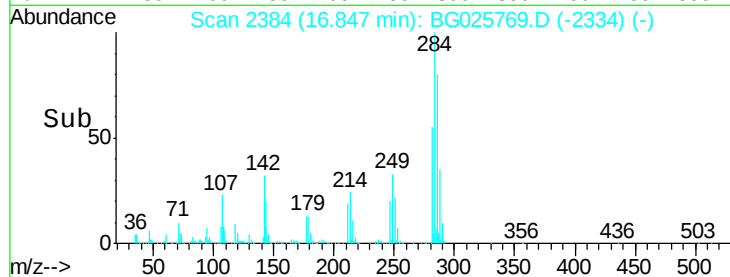
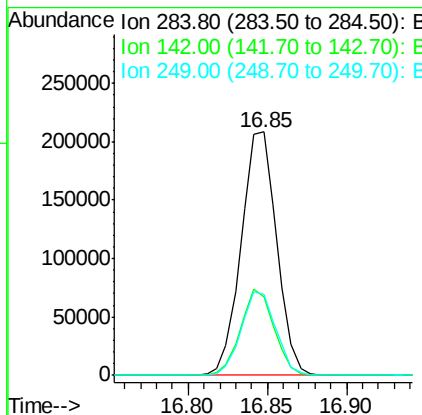
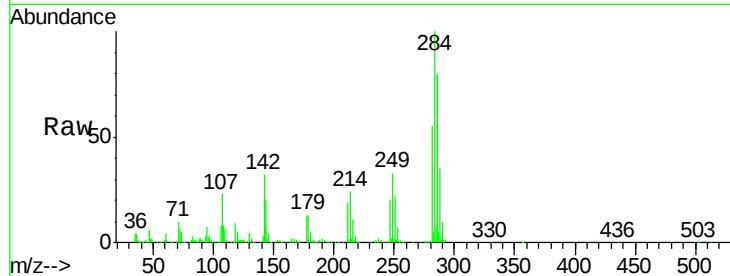




#67
Hexachlorobenzene
Concen: 39.91 ng
RT: 16.85 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

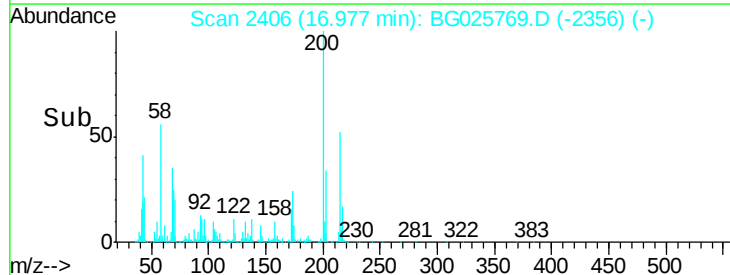
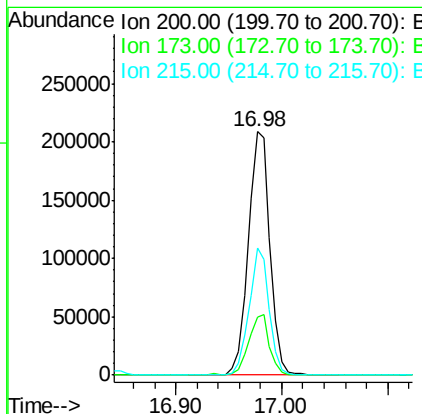
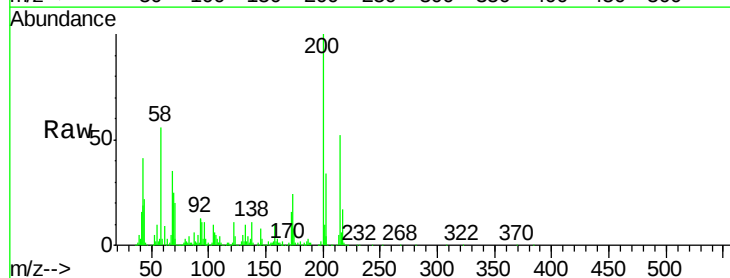
Instrument :
BNA_G
ClientSampleId :
PB96675BS

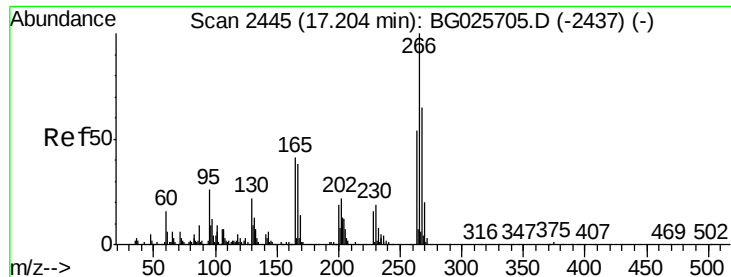
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	29.9	44.9
249	33.2	29.2	43.8



#68
Atrazine
Concen: 35.41 ng
RT: 16.98 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.6	3.0	43.0
215	52.2	28.4	68.4





#69

Pentachlorophenol

Concen: 78.22 ng

RT: 17.20 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampleId :

PB96675BS

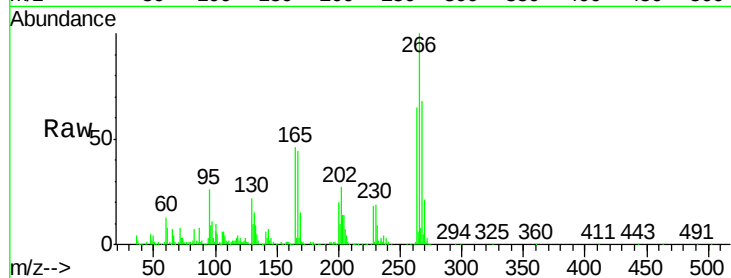
Tgt Ion:266 Resp: 278443

Ion Ratio Lower Upper

266 100

268 67.7 48.6 72.8

264 65.2 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

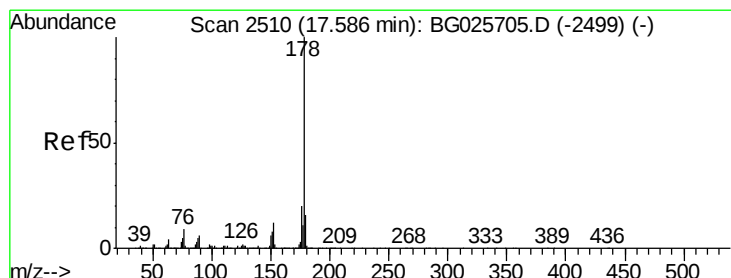
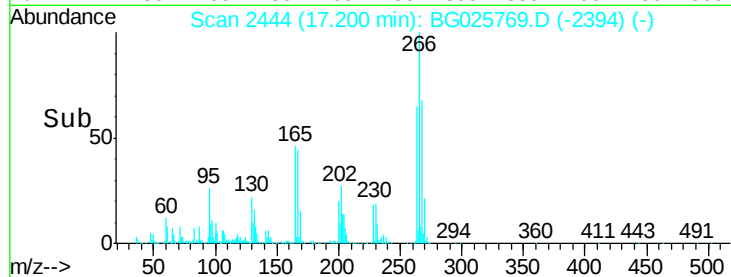
17.20

100000

50000

0

Time--> 17.10 17.20 17.30



#70

Phenanthrene

Concen: 40.89 ng

RT: 17.59 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

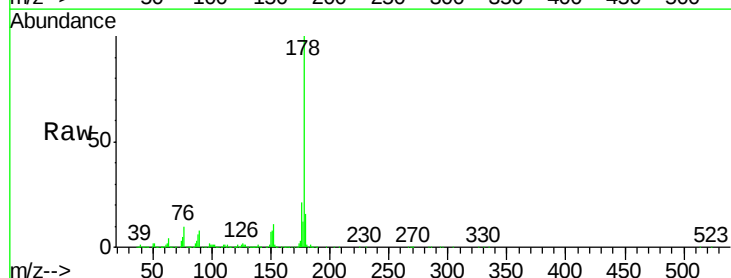
Tgt Ion:178 Resp: 1316186

Ion Ratio Lower Upper

178 100

176 21.2 17.7 26.5

179 16.3 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

17.59

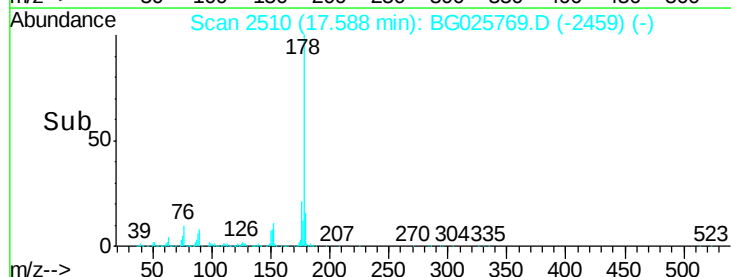
800000

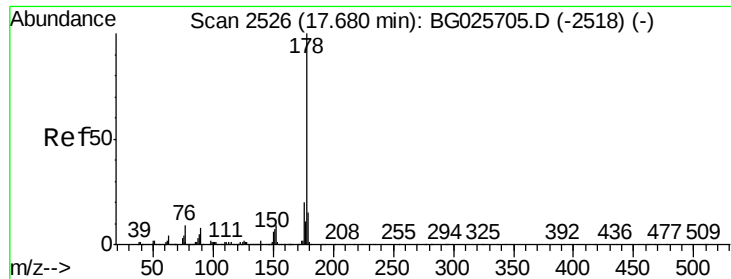
400000

200000

0

Time--> 17.50 17.60





#71

Anthracene

Concen: 41.58 ng

RT: 17.68 min Scan# 2525

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampleId :

PB96675BS

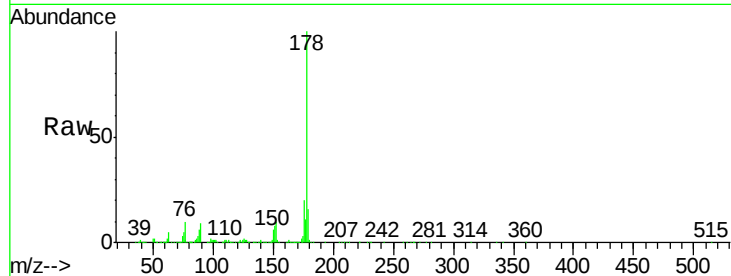
Tgt Ion:178 Resp: 1380126

Ion Ratio Lower Upper

178 100

176 20.4 16.4 24.6

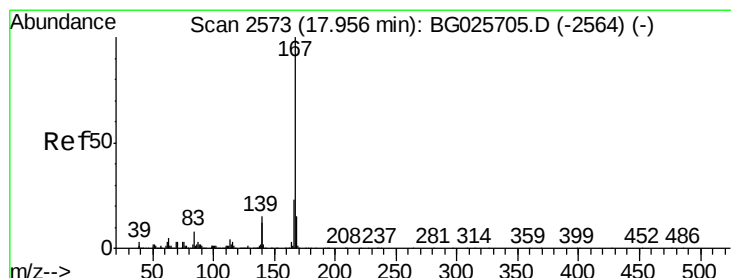
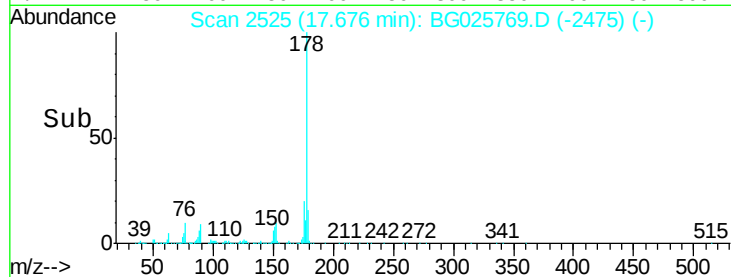
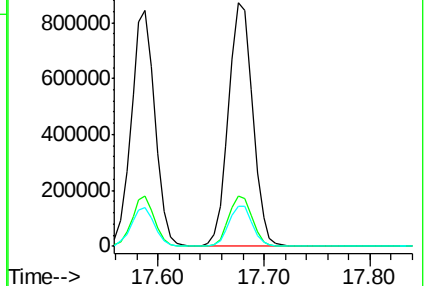
179 16.4 13.8 20.8



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



#72

Carbazole

Concen: 37.75 ng

RT: 17.95 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

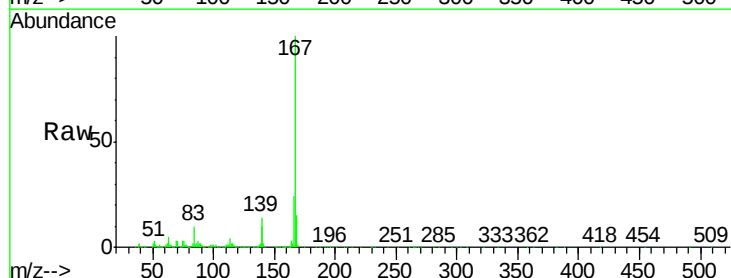
Tgt Ion:167 Resp: 1213390

Ion Ratio Lower Upper

167 100

166 23.7 20.2 30.2

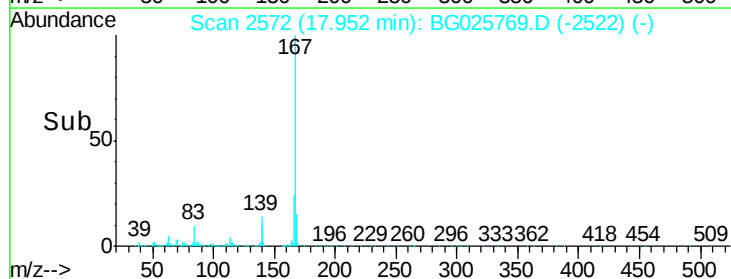
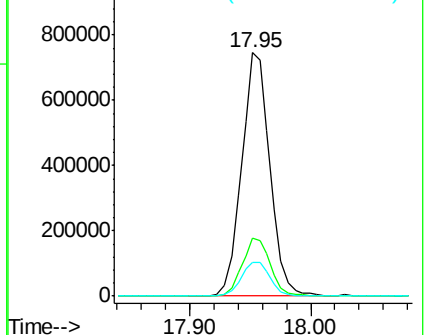
139 14.1 12.8 19.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

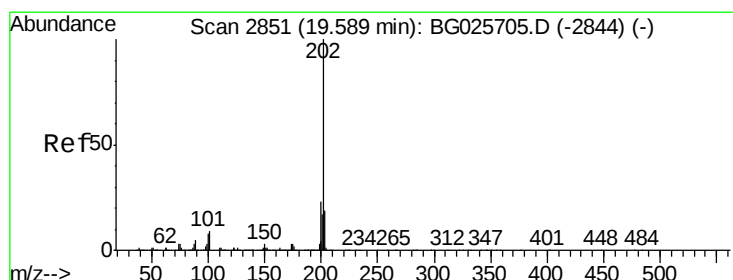
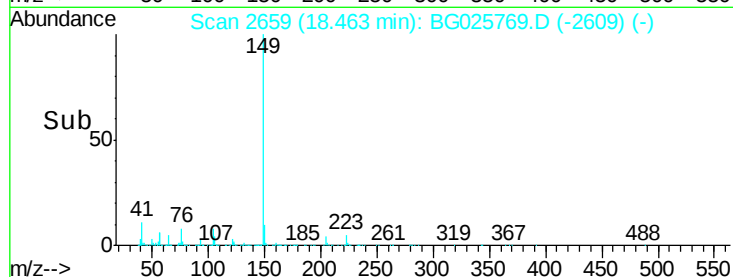
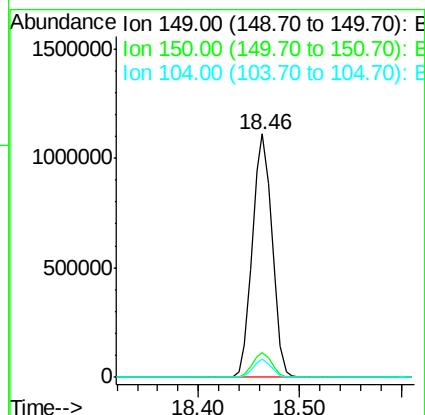
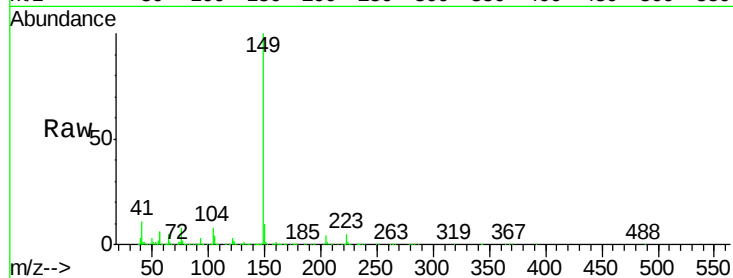




#73
Di-n-butylphthalate
Concen: 40.26 ng
RT: 18.46 min Scan# 2659
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

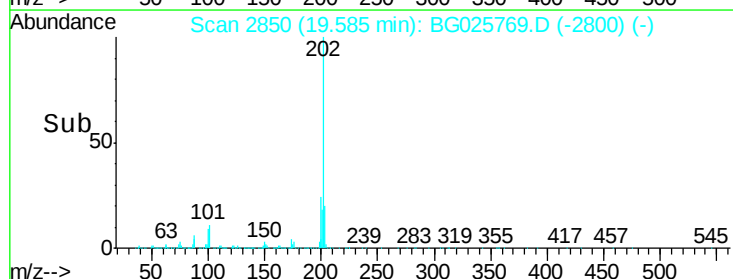
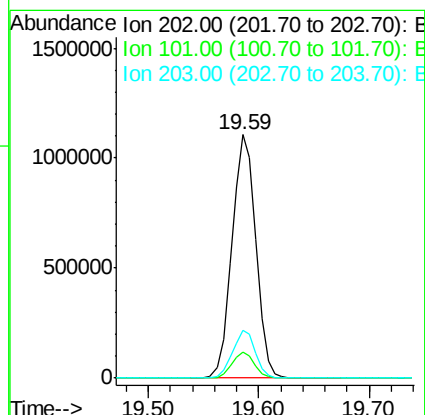
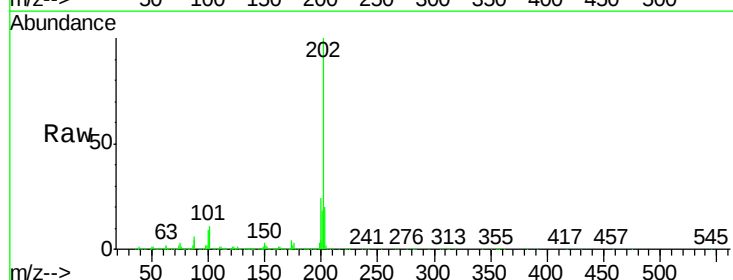
Instrument :
BNA_G
ClientSampleId :
PB96675BS

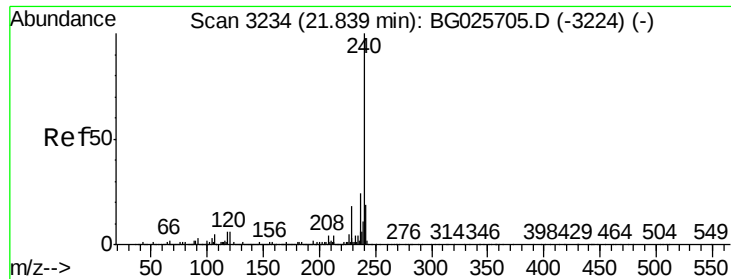
Tgt Ion:149 Resp: 1497537
Ion Ratio Lower Upper
149 100
150 9.9 9.1 13.7
104 7.7 6.7 10.1



#74
Fluoranthene
Concen: 37.94 ng
RT: 19.59 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion:202 Resp: 1673771
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.1
203 19.8 1.3 41.3

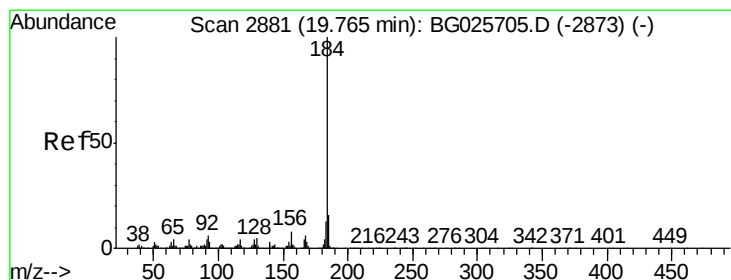
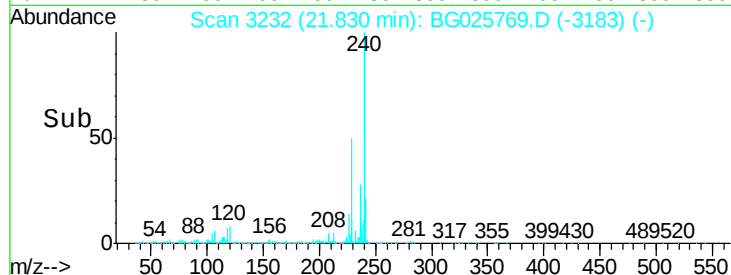
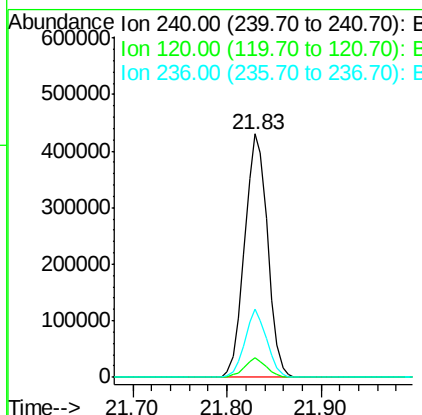
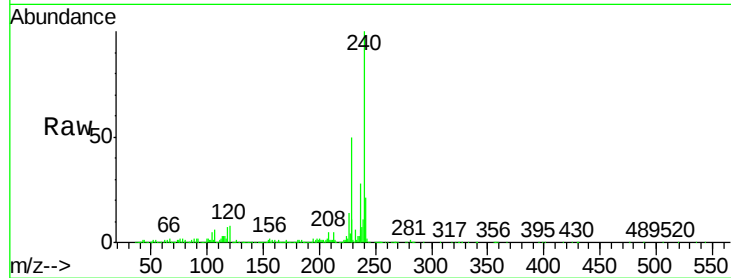




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

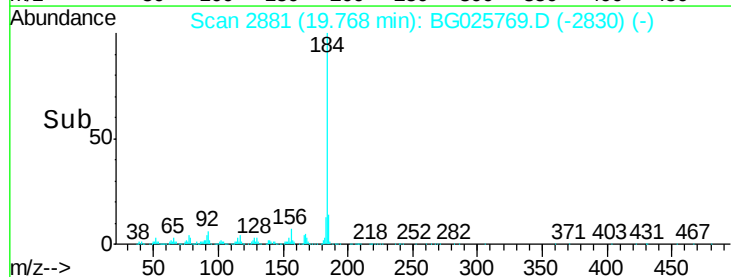
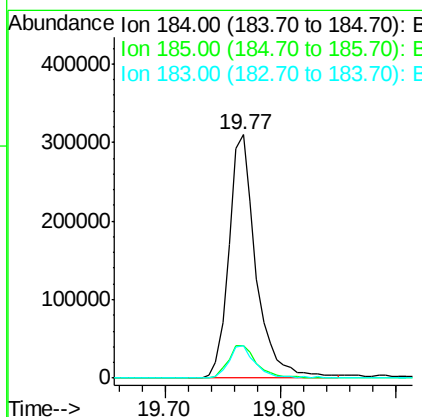
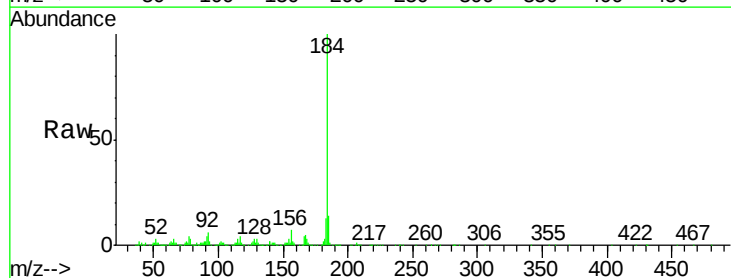
Instrument :
BNA_G
ClientSampleId :
PB96675BS

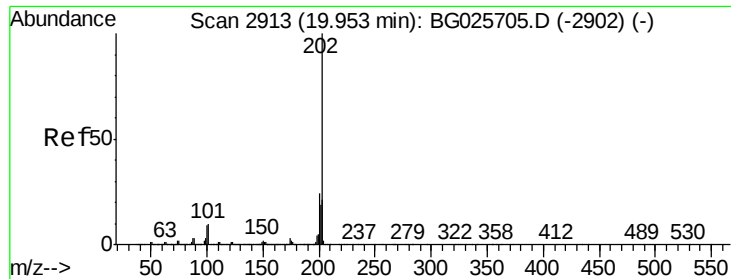
Tgt Ion:240 Resp: 722836
Ion Ratio Lower Upper
240 100
120 8.2 5.7 8.5
236 27.9 22.2 33.4



#76
Benzidine
Concen: 20.27 ng
RT: 19.77 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BG025769.D
Acq: 2 Feb 2017 22:16

Tgt Ion:184 Resp: 503033
Ion Ratio Lower Upper
184 100
185 13.5 13.0 19.6
183 13.5 11.0 16.6





#77

Pyrene

Concen: 42.18 ng

RT: 19.95 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

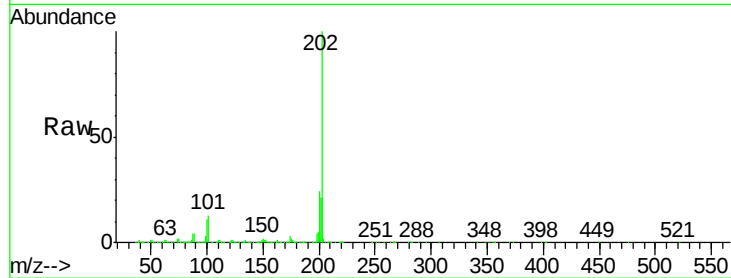
BNA_G

ClientSampleId :

PB96675BS

Tgt Ion:202 Resp: 1698379

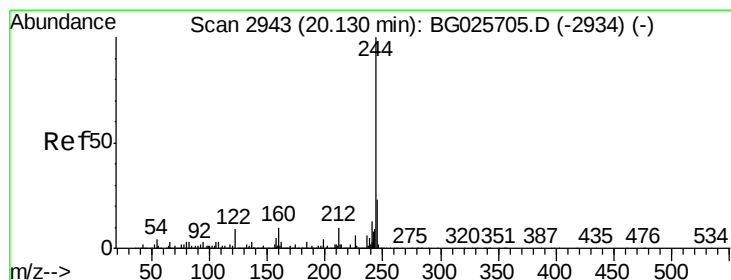
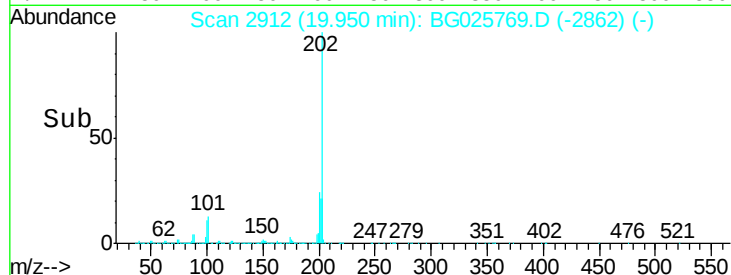
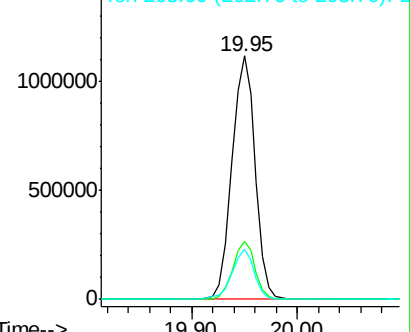
Ion	Ratio	Lower	Upper
202	100		
200	23.9	19.6	29.4
203	20.5	15.8	23.8



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: 81.31 ng

RT: 20.13 min Scan# 2942

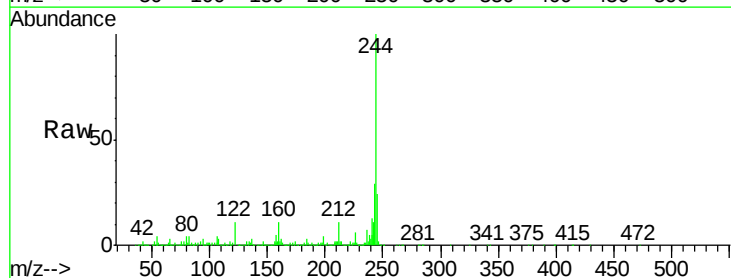
Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Tgt Ion:244 Resp: 2434991

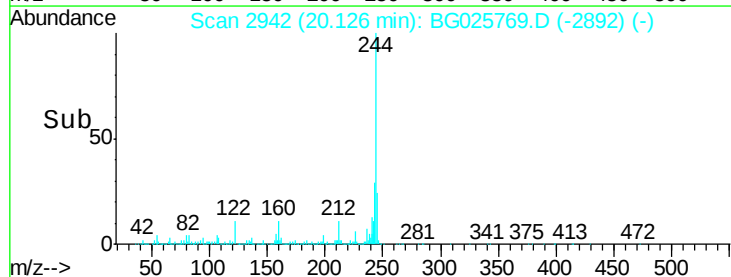
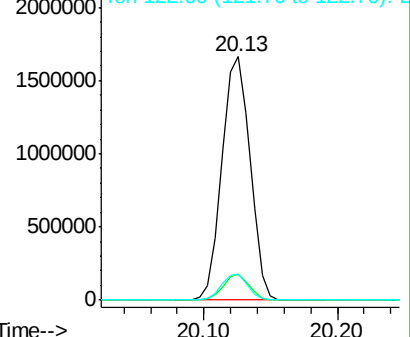
Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.0	15.0
122	10.7	8.6	12.8

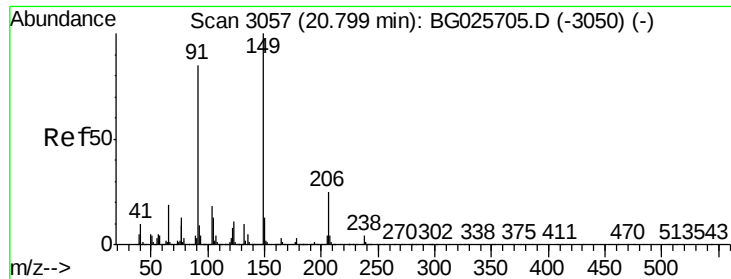


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.93 ng

RT: 20.80 min Scan# 3056

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampleId :

PB96675BS

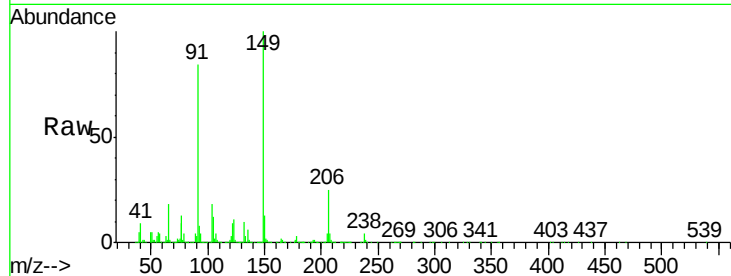
Tgt Ion:149 Resp: 751063

Ion Ratio Lower Upper

149 100

91 84.1 63.5 95.3

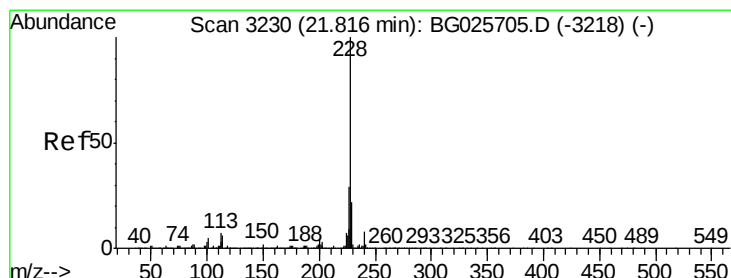
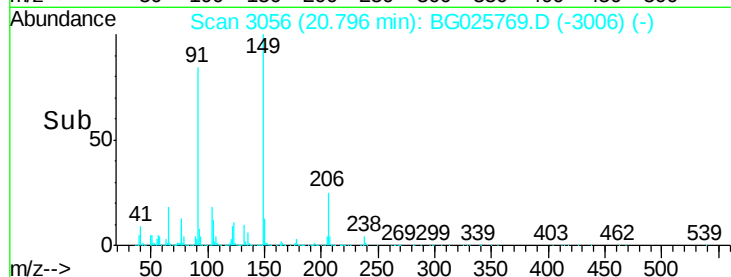
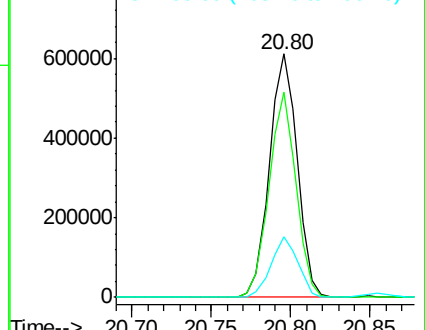
206 24.9 21.0 31.6



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: 41.90 ng

RT: 21.81 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

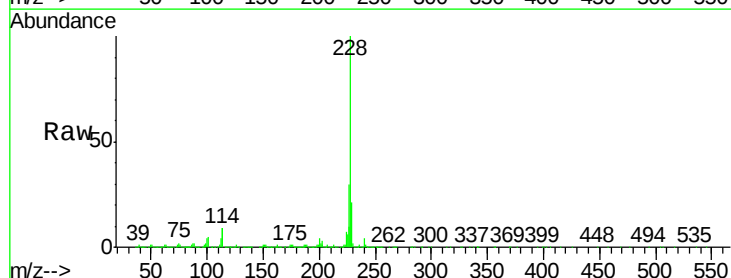
Tgt Ion:228 Resp: 1793549

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

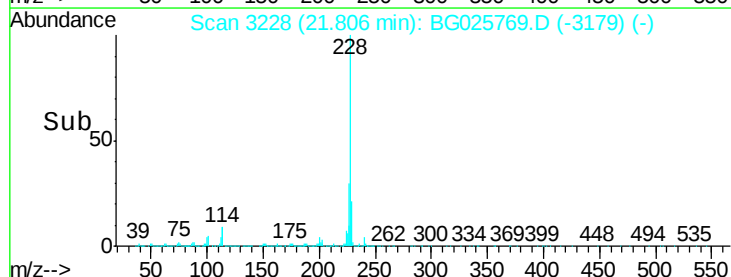
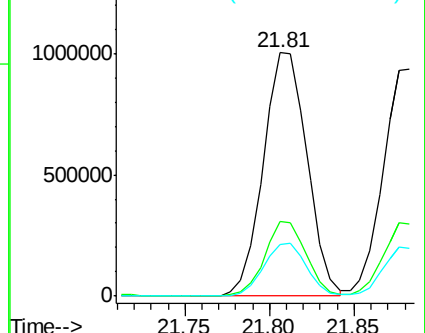
229 21.0 18.2 27.2

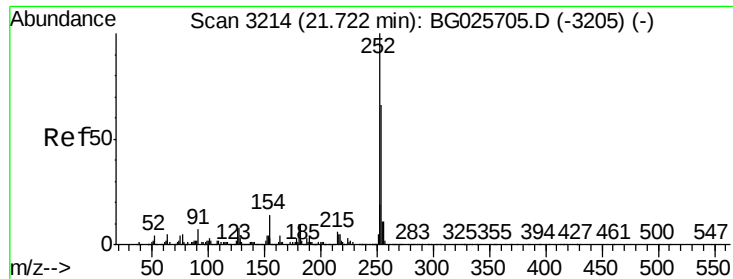


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

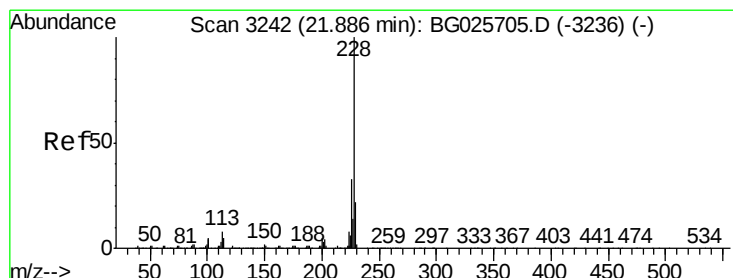
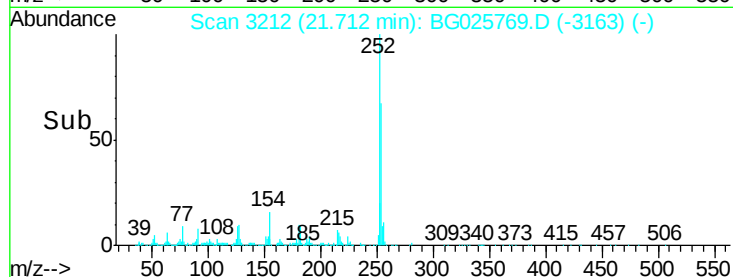
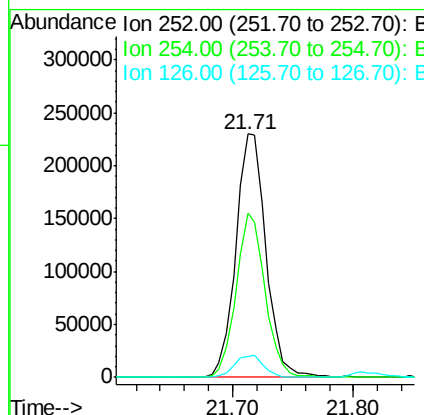
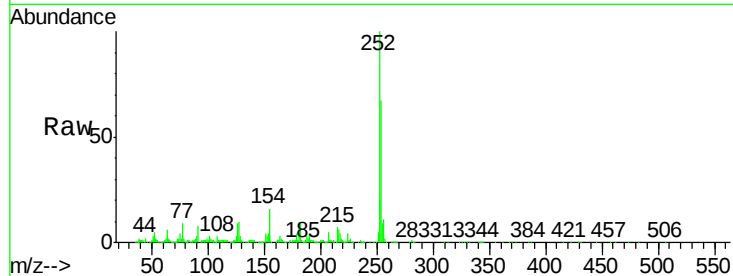




#81
 3,3'-Dichlorobenzidine
 Concen: 23.76 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. -0.01 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

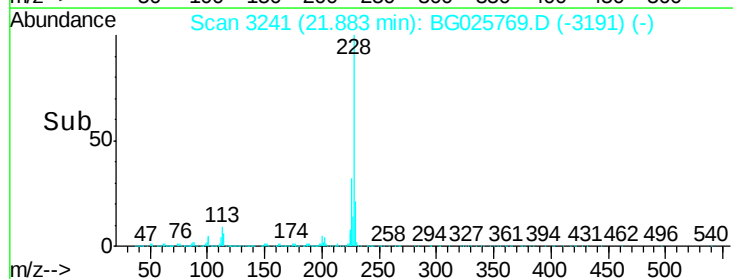
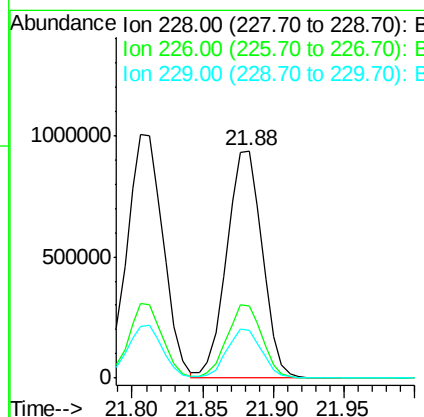
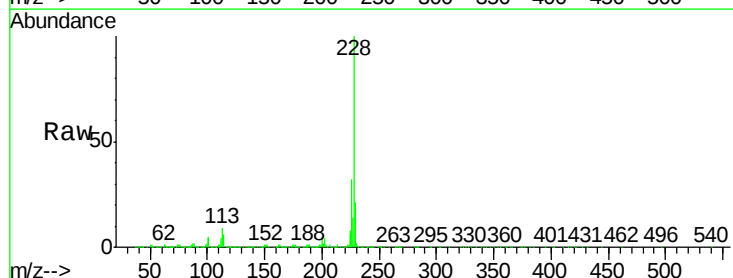
Instrument :
 BNA_G
 ClientSampleId :
 PB96675BS

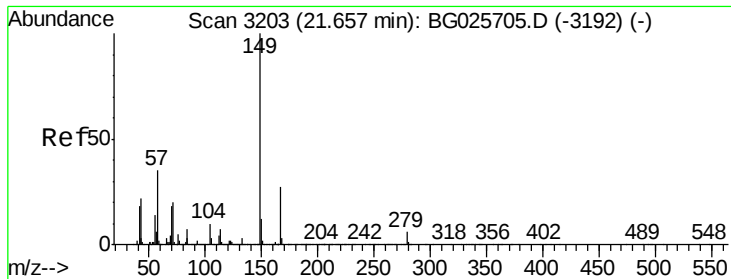
Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.3	53.1	79.7
126	8.7	7.0	10.4



#82
 Chrysene
 Concen: 40.77 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	27.0	40.4
229	21.1	17.8	26.6

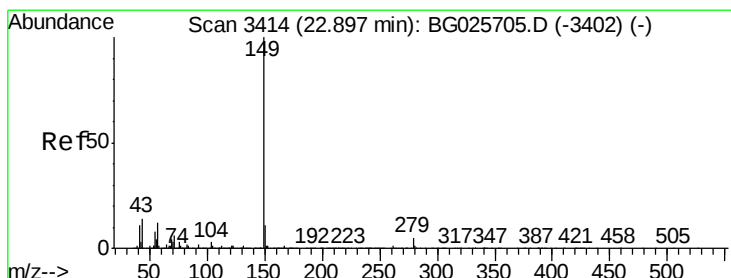
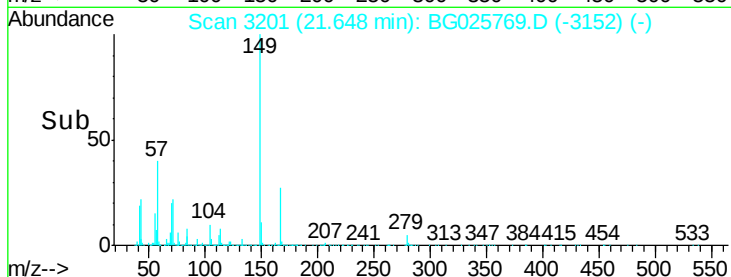
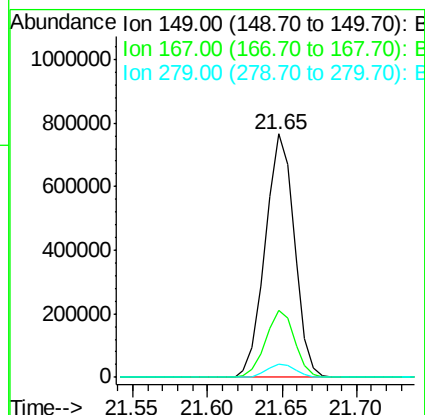
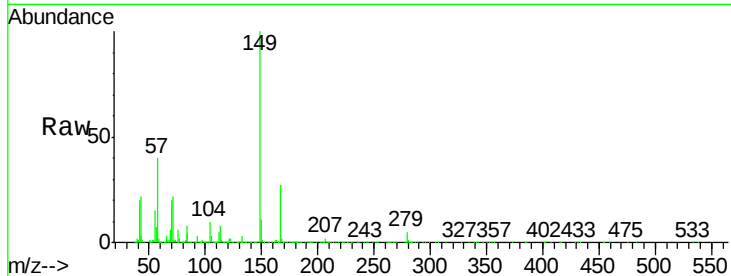




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.43 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

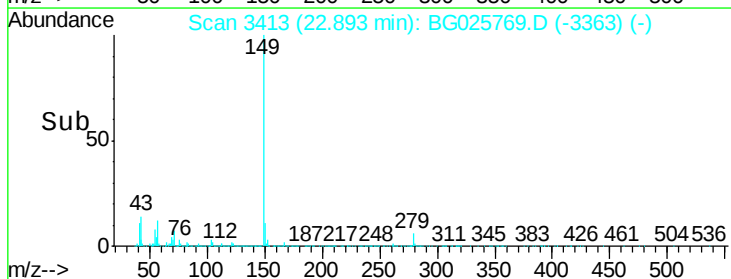
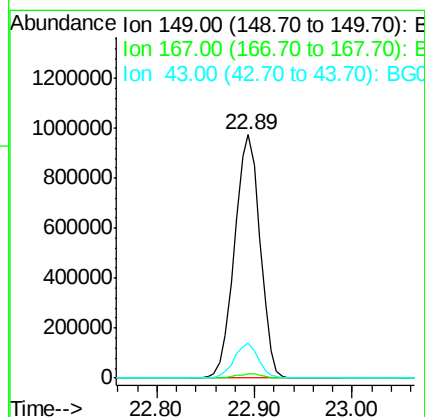
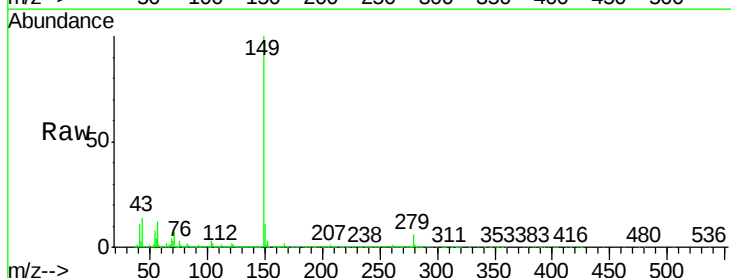
Instrument :
 BNA_G
 ClientSampleId :
 PB96675BS

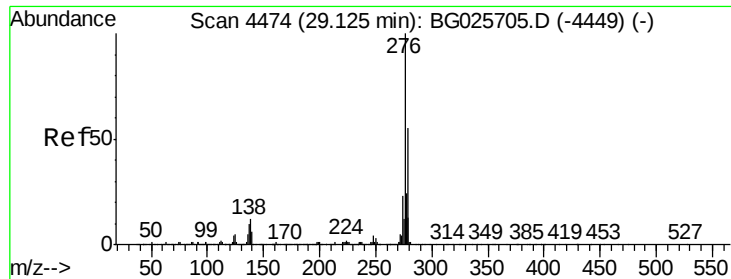
Tgt Ion:149 Resp: 1034557
 Ion Ratio Lower Upper
 149 100
 167 27.4 23.7 35.5
 279 5.2 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 46.48 ng
 RT: 22.89 min Scan# 3413
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

Tgt Ion:149 Resp: 1757991
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.2
 43 13.7 11.8 17.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.77 ng

RT: 29.12 min Scan# 4472

Delta R.T. -0.01 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampleId :

PB96675BS

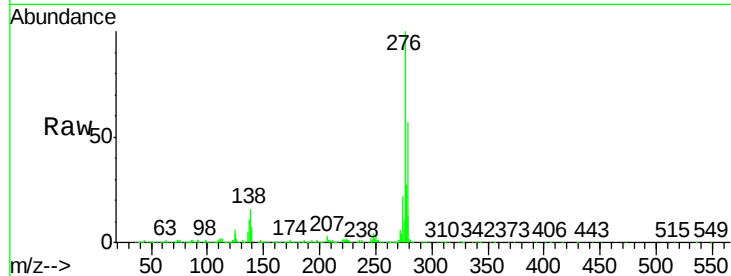
Tgt Ion:276 Resp: 2109638

Ion Ratio Lower Upper

276 100

138 17.5 4.7 7.1#

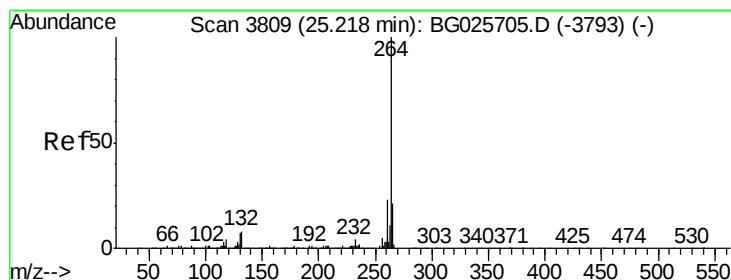
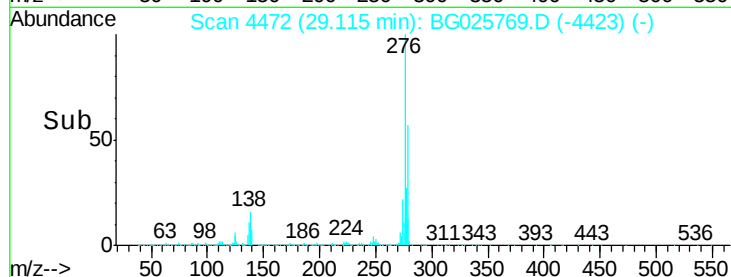
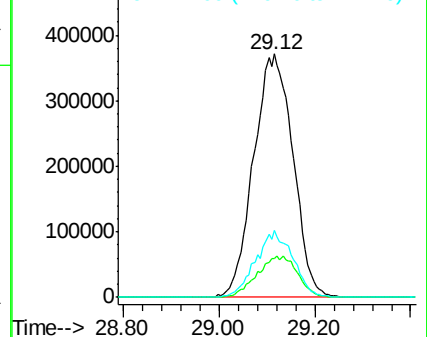
277 25.9 20.6 31.0



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: 25.21 min Scan# 3807

Delta R.T. -0.01 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

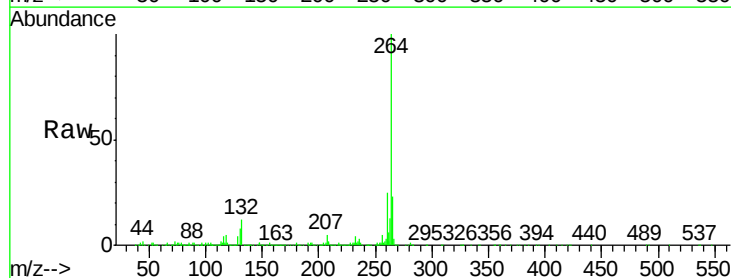
Tgt Ion:264 Resp: 728880

Ion Ratio Lower Upper

264 100

260 24.9 21.8 32.8

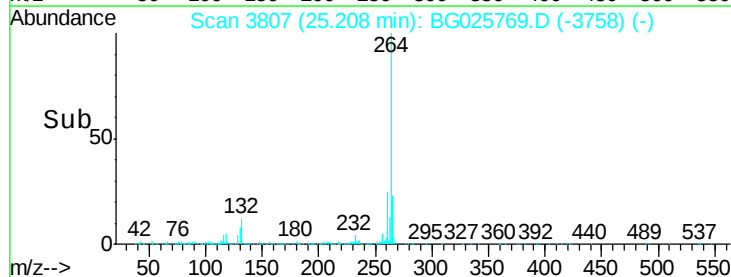
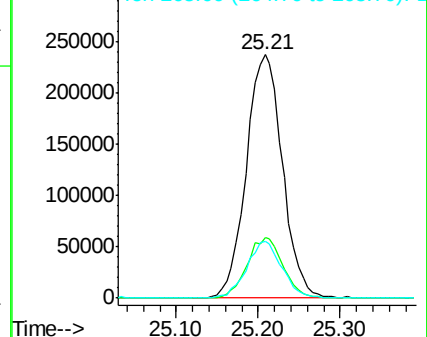
265 23.1 18.2 27.4

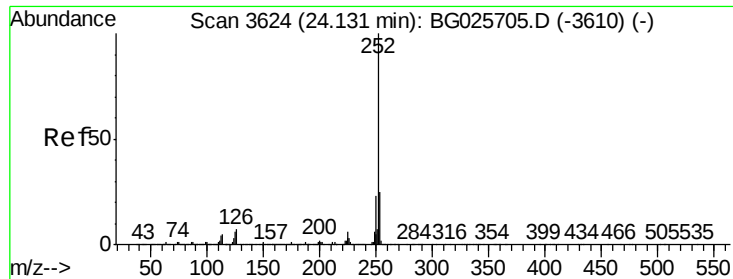


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.40 ng

RT: 24.13 min Scan# 3623

Delta R.T. -0.00 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampleId :

PB96675BS

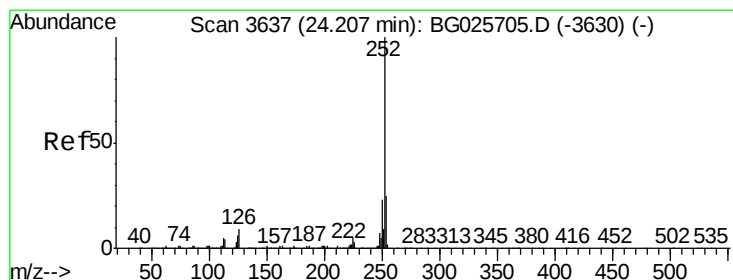
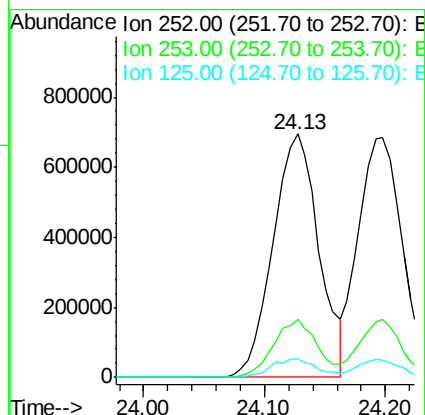
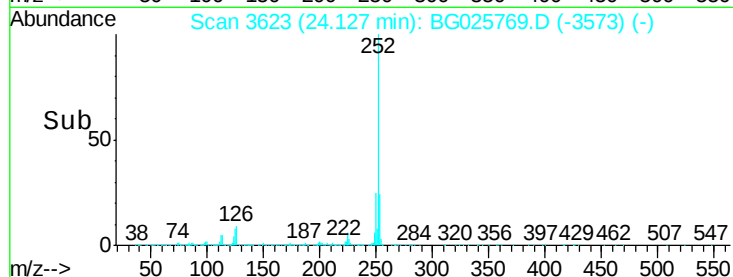
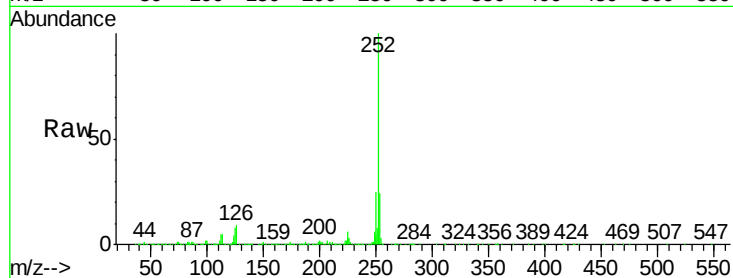
Tgt Ion:252 Resp: 1828584

Ion Ratio Lower Upper

252 100

253 23.6 18.7 28.1

125 7.7 5.3 7.9



#88

Benzo(k)fluoranthene

Concen: 41.70 ng

RT: 24.20 min Scan# 3635

Delta R.T. -0.01 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

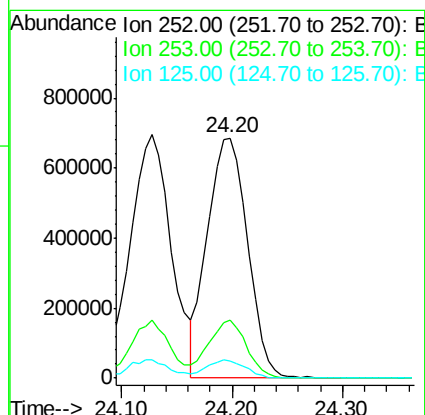
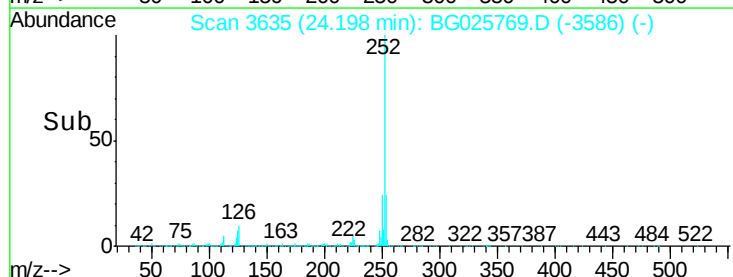
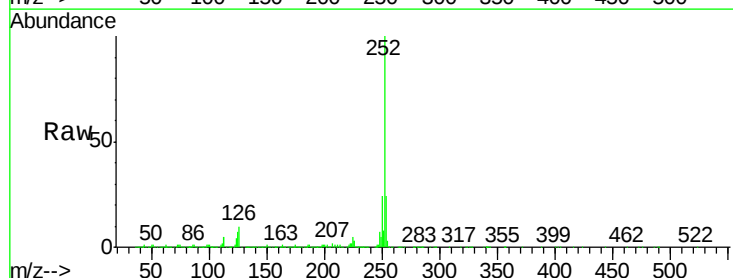
Tgt Ion:252 Resp: 1719261

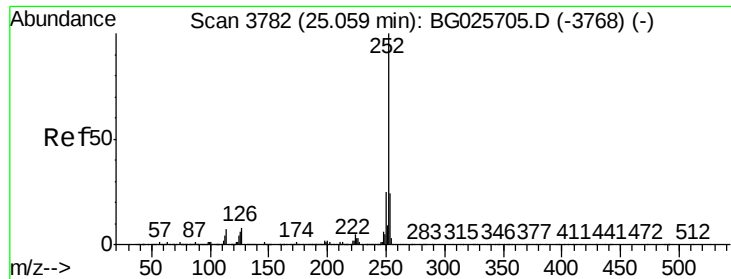
Ion Ratio Lower Upper

252 100

253 23.9 20.2 30.2

125 7.0 5.1 7.7





#89

Benzo(a)pyrene

Concen: 43.25 ng

RT: 25.05 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

Instrument :

BNA_G

ClientSampleId :

PB96675BS

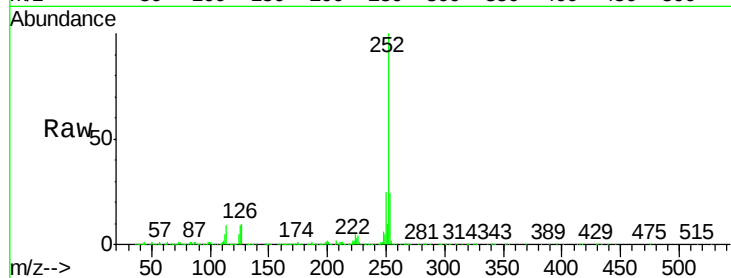
Tgt Ion:252 Resp: 1733017

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

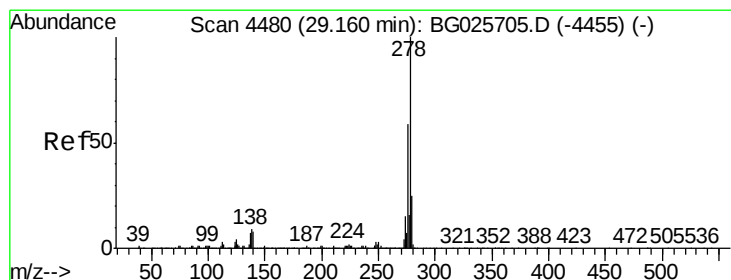
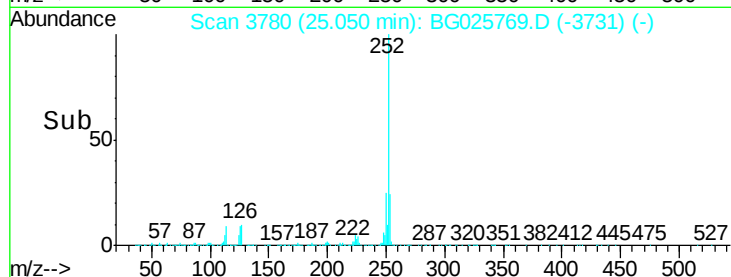
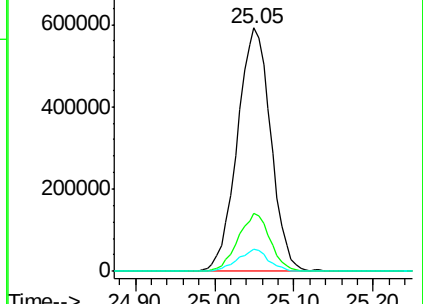
125 9.0 5.4 8.0#



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: 42.70 ng

RT: 29.15 min Scan# 4478

Delta R.T. -0.01 min

Lab File: BG025769.D

Acq: 2 Feb 2017 22:16

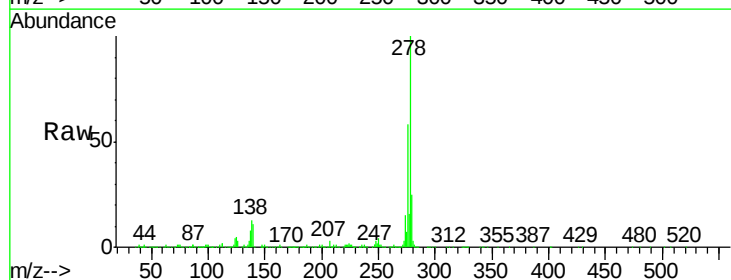
Tgt Ion:278 Resp: 1769503

Ion Ratio Lower Upper

278 100

139 10.6 7.7 11.5

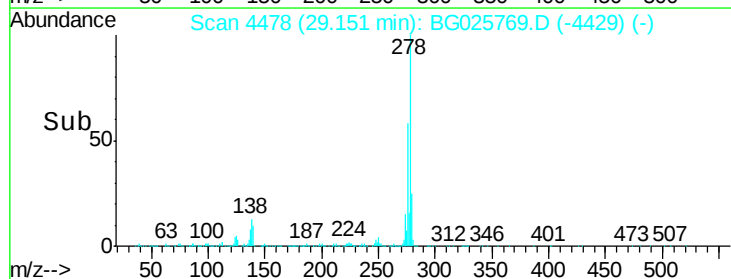
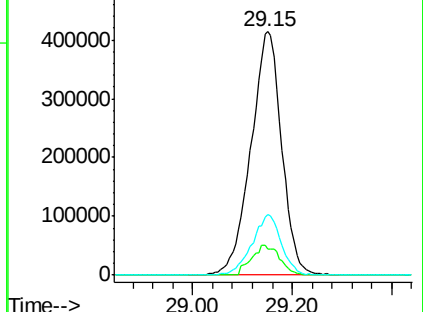
279 24.8 19.1 28.7

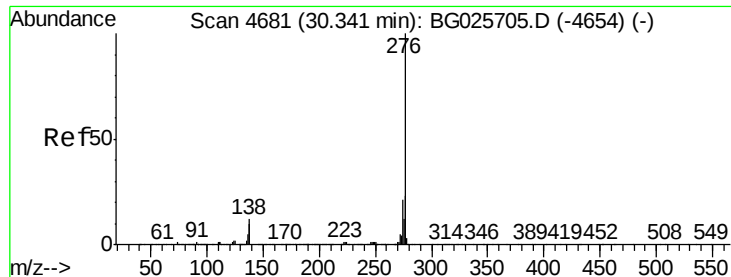


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 42.73 ng
 RT: 30.34 min Scan# 4680
 Delta R.T. -0.00 min
 Lab File: BG025769.D
 Acq: 2 Feb 2017 22:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96675BS

Tgt Ion: 276 Resp: 1759508
 Ion Ratio Lower Upper
 276 100
 277 25.4 18.6 27.8
 138 13.8 8.1 12.1#

