

Data File : BG025965.D
Acq On : 27 Feb 2017 15:53
Operator : SJ/MA
Sample : PB97193BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97193BS

Quant Time: Feb 27 23:57:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	85420	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	425856	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	296447	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	758217	20.00	ng	0.00
75) Chrysene-d12	21.66	240	762742	20.00	ng	-0.02
86) Perylene-d12	24.86	264	747764	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	691314	140.90	ng	-0.01
7) Phenol-d6	7.23	99	987509	136.01	ng	0.00
23) Nitrobenzene-d5	9.23	82	532925	78.97	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	437889	159.88	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1488163	87.72	ng	-0.01
78) Terphenyl-d14	20.00	244	2180610	69.53	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	63975	28.53	ng	# 87
3) Pyridine	3.93	79	188359	28.19	ng	# 78
4) n-Nitrosodimethylamine	3.84	42	78895	32.83	ng	# 45
6) Aniline	7.40	93	203215	20.13	ng	# 89
8) 2-Chlorophenol	7.64	128	244673	41.96	ng	# 87
9) Benzaldehyde	7.21	77	66263	15.40	ng	# 71
10) Phenol	7.26	94	336738	42.68	ng	# 73
11) bis(2-Chloroethyl)ether	7.49	93	214477	33.07	ng	# 91
12) 1,3-Dichlorobenzene	7.97	146	227554	33.76	ng	# 88
13) 1,4-Dichlorobenzene	8.11	146	233239	34.16	ng	# 94
14) 1,2-Dichlorobenzene	8.44	146	227956	34.00	ng	# 91
15) Benzyl Alcohol	8.31	79	216805	40.78	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	293441	31.18	ng	# 89
17) 2-Methylphenol	8.51	107	230905	40.63	ng	# 83
18) Hexachloroethane	9.16	117	77449	34.22	ng	# 89
19) n-Nitroso-di-n-propylamine	8.88	70	186722	35.21	ng	# 79
20) 3+4-Methylphenols	8.84	107	333683	41.21	ng	# 86
22) Acetophenone	8.89	105	358613	35.09	ng	# 81
24) Nitrobenzene	9.28	77	260313	35.67	ng	# 80
25) Isophorone	9.80	82	539648	36.34	ng	# 93
26) 2-Nitrophenol	9.99	139	138714	40.65	ng	# 71
27) 2,4-Dimethylphenol	10.04	122	273955	43.02	ng	# 88
28) bis(2-Chloroethoxy)methane	10.27	93	333534	35.44	ng	# 98
29) 2,4-Dichlorophenol	10.52	162	272513	44.83	ng	# 97
30) 1,2,4-Trichlorobenzene	10.74	180	233843	35.37	ng	# 99
31) Naphthalene	10.93	128	769042	34.93	ng	# 99
32) Benzoic acid	10.16	122	228180	46.92	ng	# 77
33) 4-Chloroaniline	11.03	127	133352	13.94	ng	# 87
34) Hexachlorobutadiene	11.22	225	128553	34.17	ng	# 98
35) Caprolactam	11.78	113	83725	34.11	ng	# 79
36) 4-Chloro-3-methylphenol	12.14	107	326106	44.84	ng	# 86
37) 2-Methylnaphthalene	12.52	142	628845	37.50	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	277739	37.38	ng	# 98
40) Hexachlorocyclopentadiene	12.87	237	312171	76.78	ng	# 95

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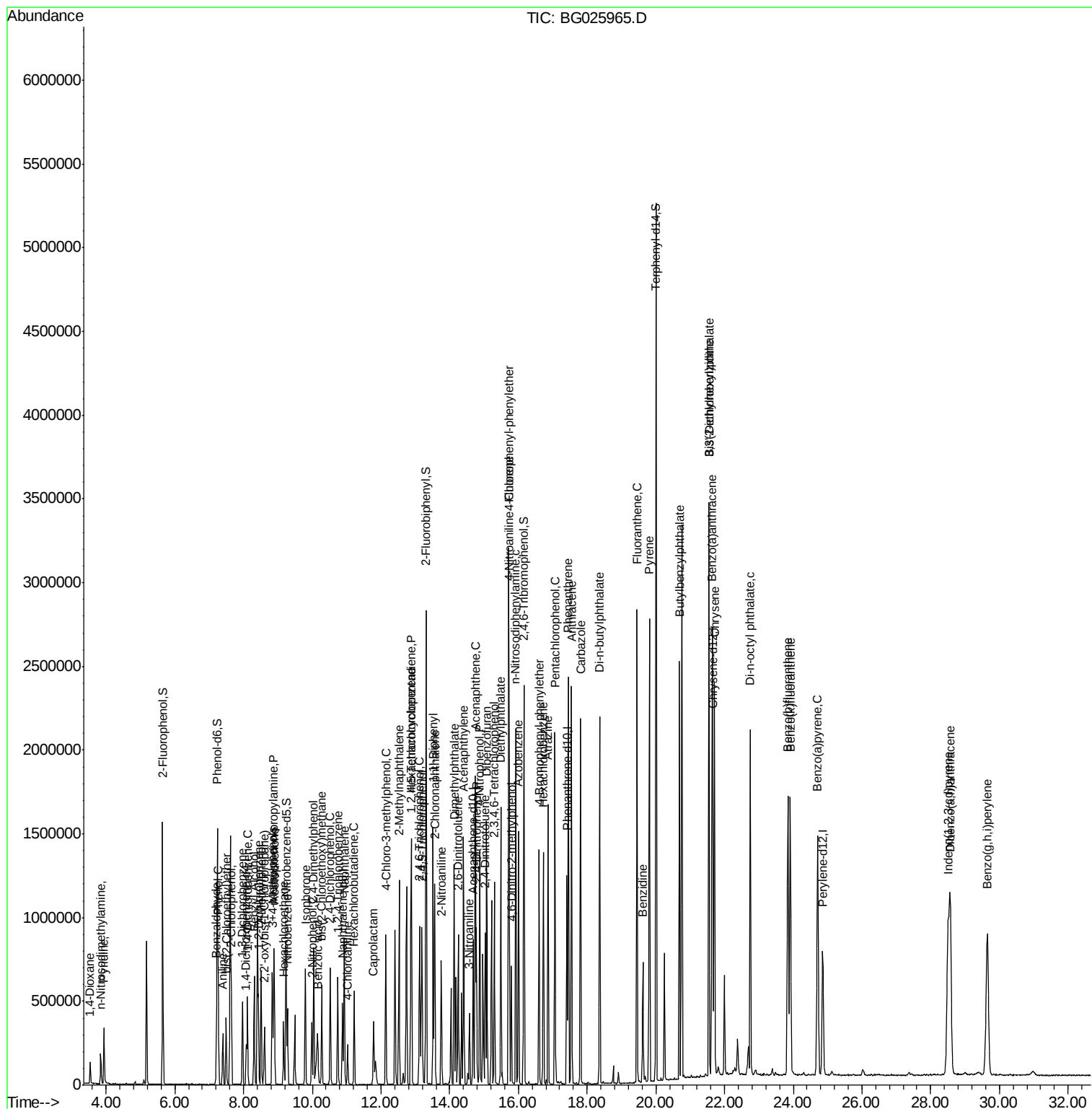
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	232666	48.49	ng	94
43) 2,4,5-Trichlorophenol	13.19	196	250183	45.93	ng	94
45) 1,1'-Biphenyl	13.52	154	856411	39.86	ng	99
46) 2-Chloronaphthalene	13.56	162	624016	40.18	ng	98
47) 2-Nitroaniline	13.75	65	228726	46.43	ng	# 75
48) Acenaphthylene	14.40	152	1118157	40.43	ng	99
49) Dimethylphthalate	14.13	163	891834	43.85	ng	97
50) 2,6-Dinitrotoluene	14.25	165	208106	45.55	ng	# 68
51) Acenaphthene	14.75	154	818353	44.81	ng	98
52) 3-Nitroaniline	14.57	138	123060	24.08	ng	# 75
53) 2,4-Dinitrophenol	14.78	184	235650	98.57	ng	# 87
54) Dibenzofuran	15.07	168	1087531	44.67	ng	92
55) 4-Nitrophenol	14.88	139	412235	99.12	ng	# 51
56) 2,4-Dinitrotoluene	15.03	165	305228	49.66	ng	# 75
57) Fluorene	15.72	166	911389	41.89	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	245135	51.01	ng	96
59) Diethylphthalate	15.49	149	950446	45.18	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	425179	42.18	ng	95
61) 4-Nitroaniline	15.73	138	246582	46.55	ng	# 55
62) Azobenzene	16.00	77	863001	47.73	ng	86
64) 4,6-Dinitro-2-methylphenol	15.79	198	171345	38.62	ng	93
65) n-Nitrosodiphenylamine	15.92	169	841594	36.60	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	288717	36.33	ng	99
67) Hexachlorobenzene	16.73	284	296037	36.14	ng	96
68) Atrazine	16.86	200	310314	38.13	ng	97
69) Pentachlorophenol	17.06	266	383058	75.82	ng	98
70) Phenanthrene	17.45	178	1487471	36.14	ng	97
71) Anthracene	17.54	178	1550798	36.96	ng	99
72) Carbazole	17.81	167	1455900	34.54	ng	96
73) Di-n-butylphthalate	18.37	149	1688884	40.81	ng	# 94
74) Fluoranthene	19.45	202	1677537	37.02	ng	94
76) Benzidine	19.62	184	445412	18.50	ng	96
77) Pyrene	19.81	202	1709500	35.44	ng	98
79) Butylbenzylphthalate	20.69	149	754610	41.22	ng	89
80) Benzo(a)anthracene	21.64	228	1597159	35.86	ng	97
81) 3,3'-Dichlorobenzidine	21.55	252	343379	21.63	ng	# 97
82) Chrysene	21.71	228	1477157	34.49	ng	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1055066	39.91	ng	# 98
84) Di-n-octyl phthalate	22.75	149	1831512	41.96	ng	# 86
85) Indeno(1,2,3-cd)pyrene	28.51	276	1887366	37.42	ng	# 87
87) Benzo(b)fluoranthene	23.85	252	1617645	36.12	ng	# 95
88) Benzo(k)fluoranthene	23.91	252	1590834	36.41	ng	# 92
89) Benzo(a)pyrene	24.71	252	1590911	37.52	ng	# 94
90) Dibenzo(a,h)anthracene	28.57	278	1568386	36.81	ng	# 91
91) Benzo(g,h,i)perylene	29.65	276	1576297	36.90	ng	# 88

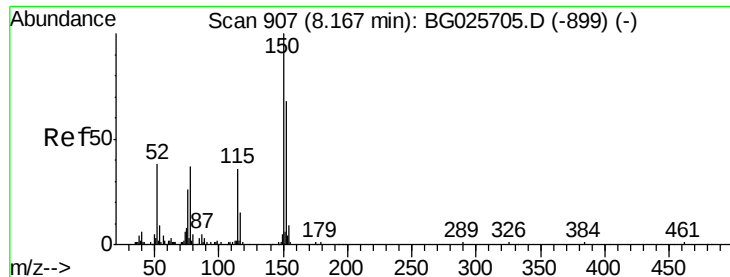
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 806

Delta R.T. -0.01 min

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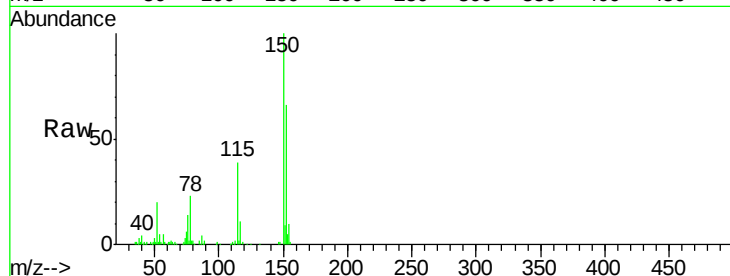
Tgt Ion:152 Resp: 85420

Ion Ratio Lower Upper

152 100

150 151.5 114.0 171.0

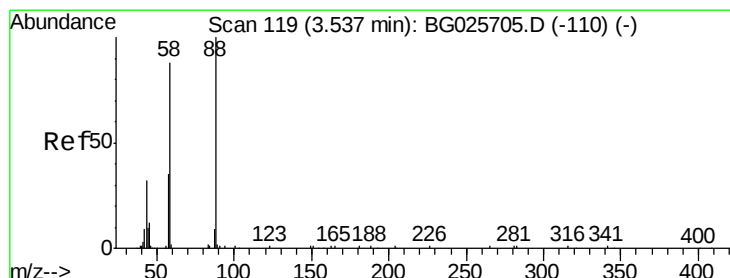
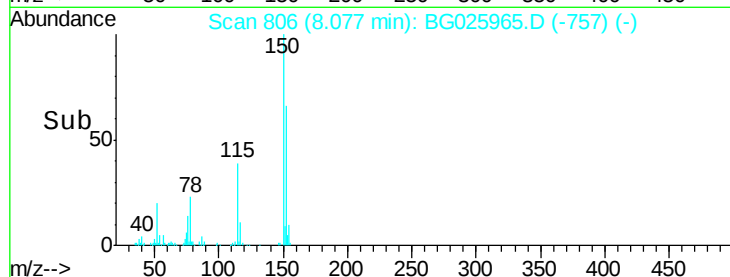
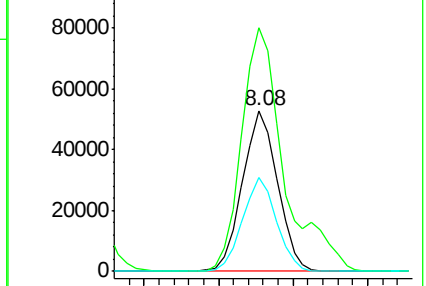
115 58.7 48.1 72.1



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: 28.53 ng

RT: 3.54 min Scan# 33

Delta R.T. -0.02 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

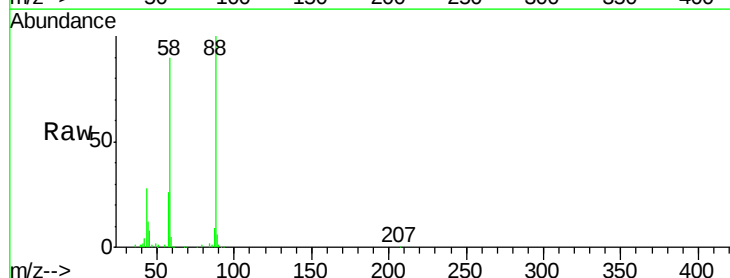
Tgt Ion: 88 Resp: 63975

Ion Ratio Lower Upper

88 100

58 90.2 79.4 119.2

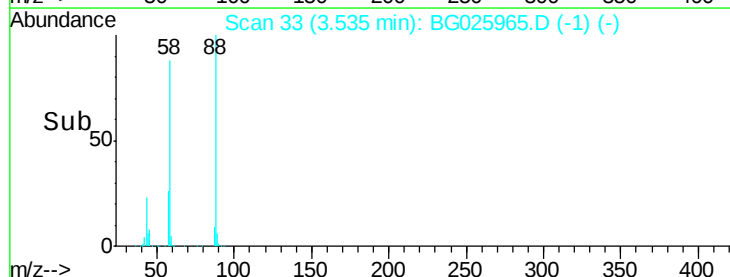
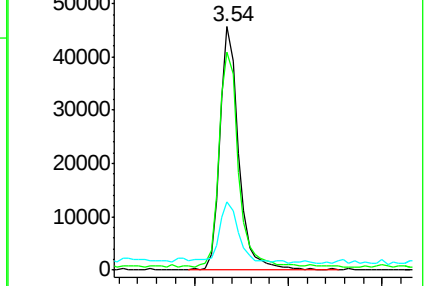
43 28.0 33.8 50.6#

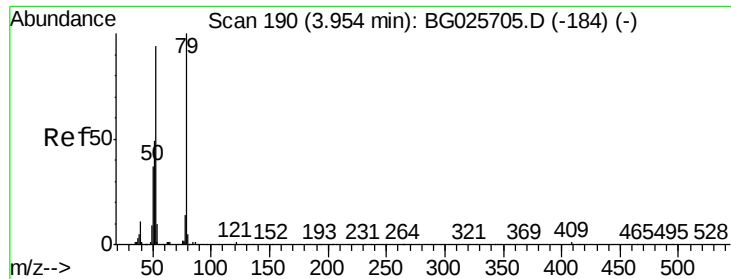


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 28.19 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

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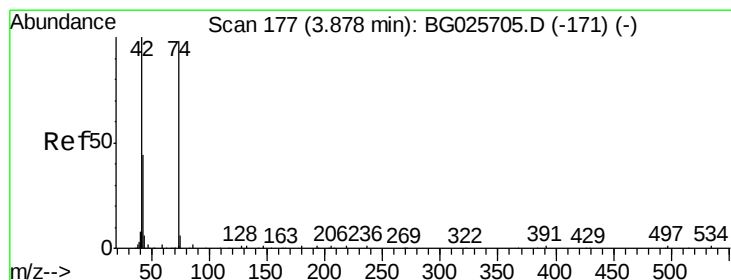
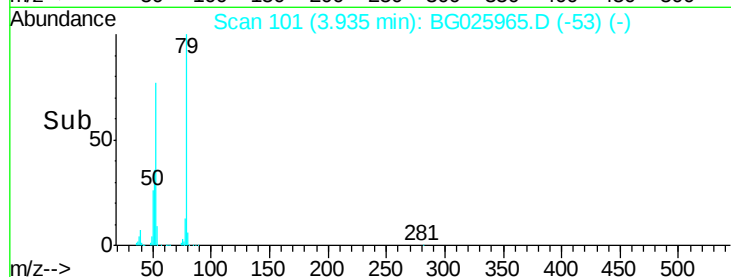
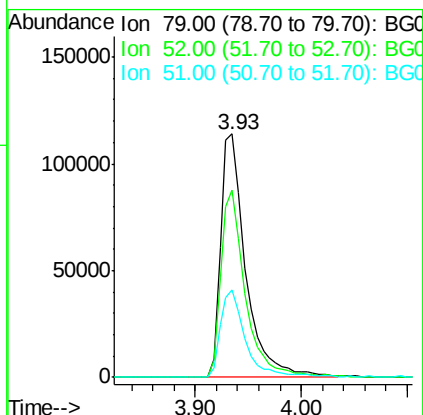
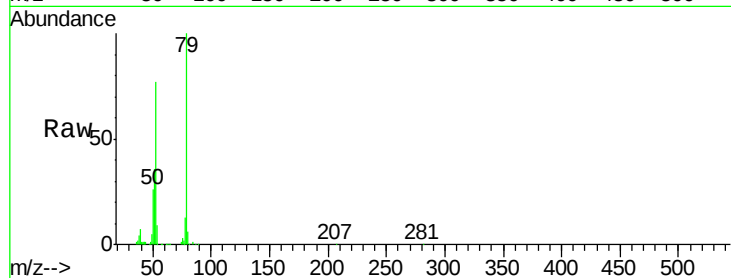
Tgt Ion: 79 Resp: 188359

Ion Ratio Lower Upper

79 100

52 77.0 77.8 116.6#

51 35.7 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 32.83 ng

RT: 3.84 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

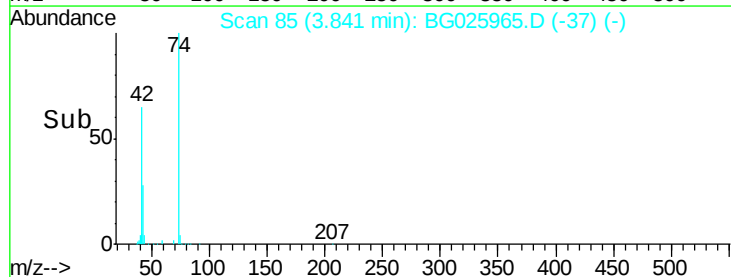
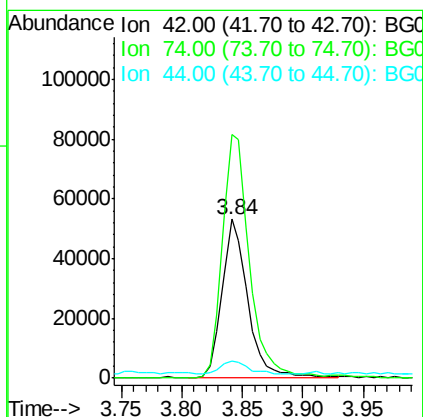
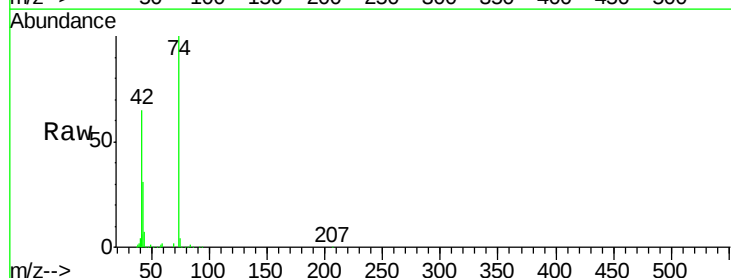
Tgt Ion: 42 Resp: 78895

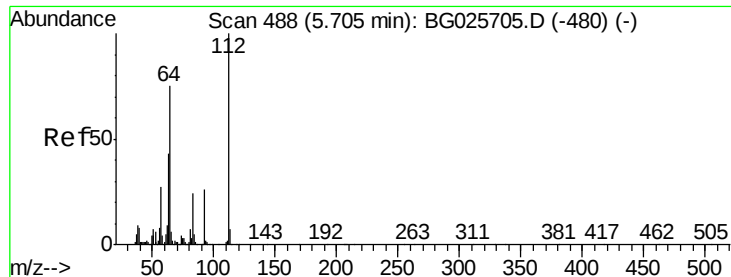
Ion Ratio Lower Upper

42 100

74 153.3 76.7 115.1#

44 10.6 6.1 9.1#





#5

2-Fluorophenol

Concen: 140.90 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

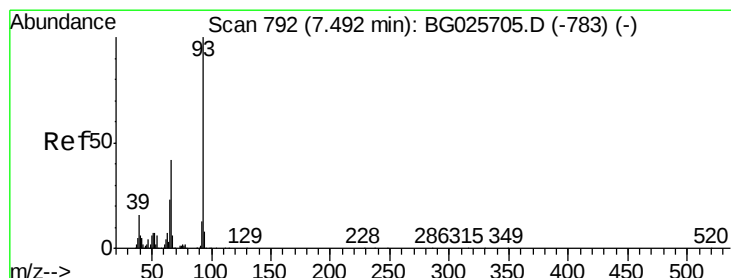
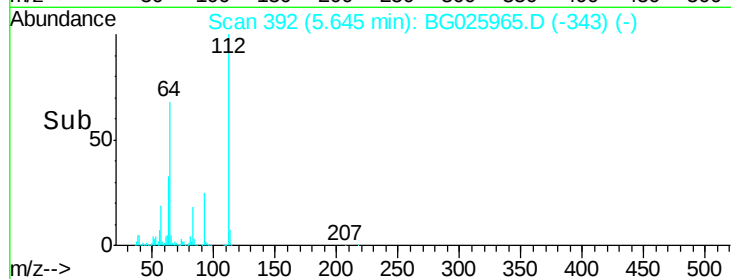
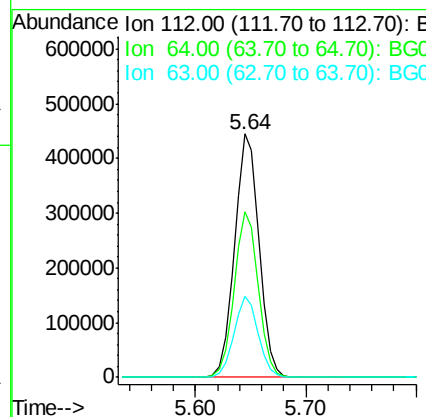
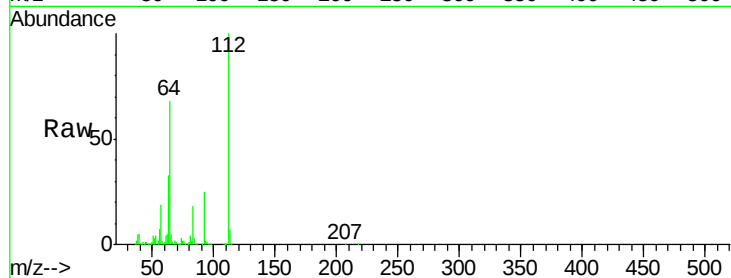
Instrument :

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Tgt Ion:	112	Resp:	691314
Ion	Ratio	Lower	Upper
112	100		
64	67.9	61.8	92.6
63	33.1	37.2	55.8#



#6

Aniline

Concen: 20.13 ng

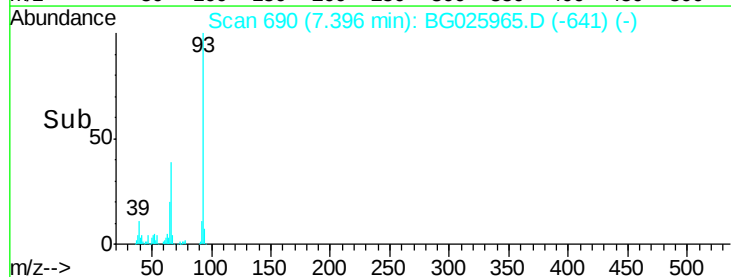
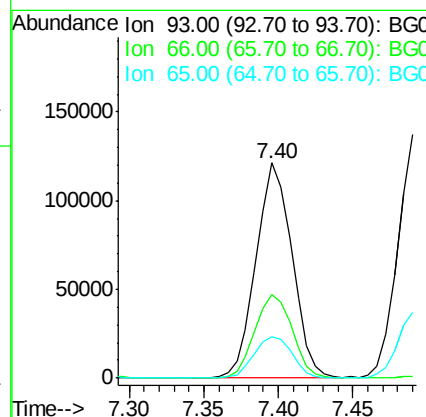
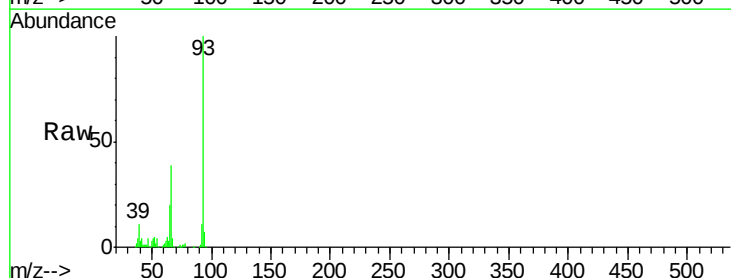
RT: 7.40 min Scan# 690

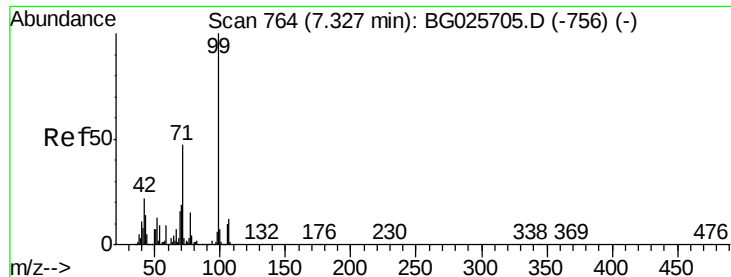
Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Tgt Ion:	93	Resp:	203215
Ion	Ratio	Lower	Upper
93	100		
66	38.6	35.4	53.2
65	19.5	21.2	31.8#





#7

Phenol-d6

Concen: 136.01 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

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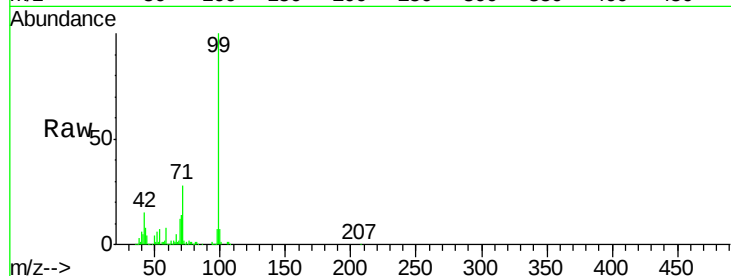
Tgt Ion: 99 Resp: 987509

Ion Ratio Lower Upper

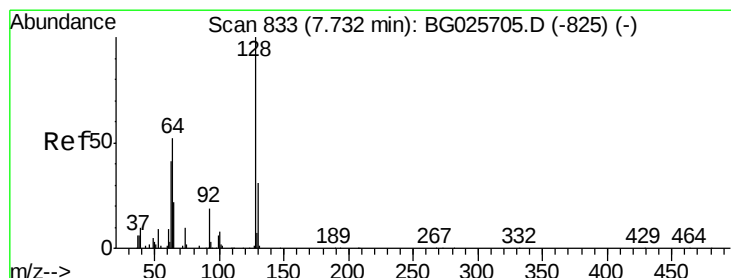
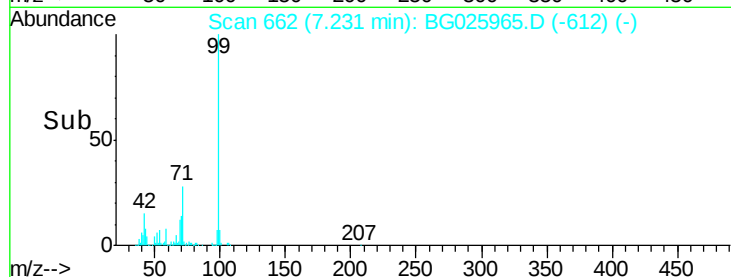
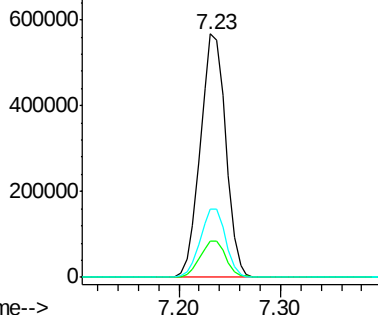
99 100

42 15.0 20.5 30.7#

71 28.1 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: 41.96 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.01 min

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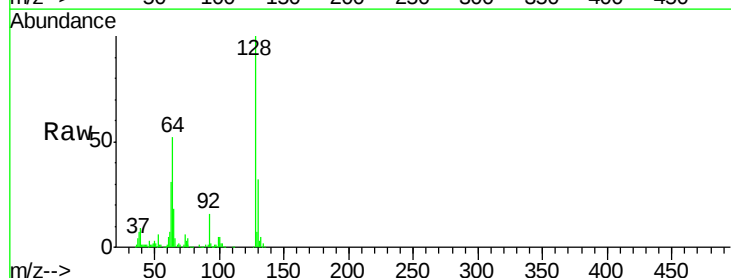
Tgt Ion: 128 Resp: 244673

Ion Ratio Lower Upper

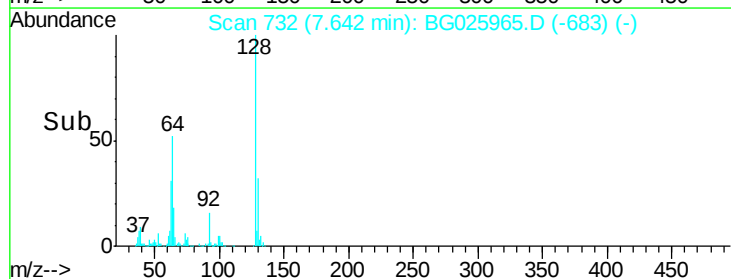
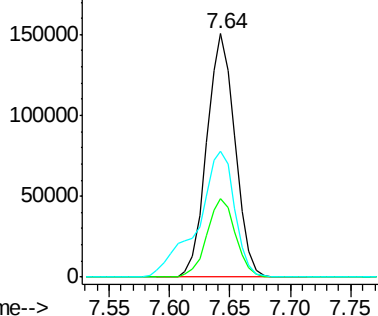
128 100

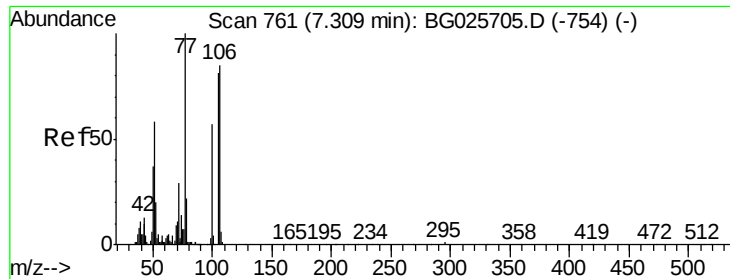
130 32.3 11.4 51.4

64 51.5 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: 15.40 ng

RT: 7.21 min Scan# 658

Delta R.T. -0.02 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

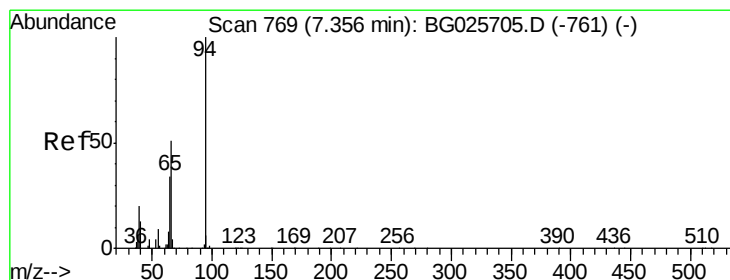
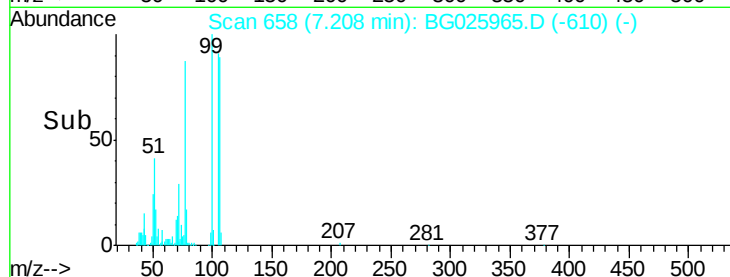
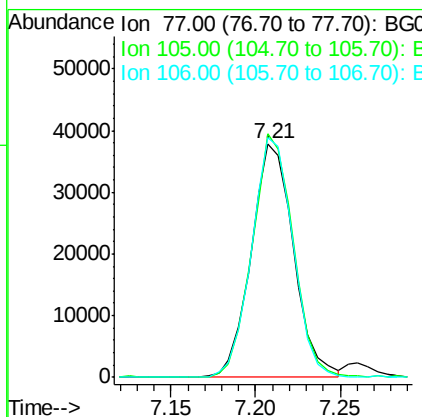
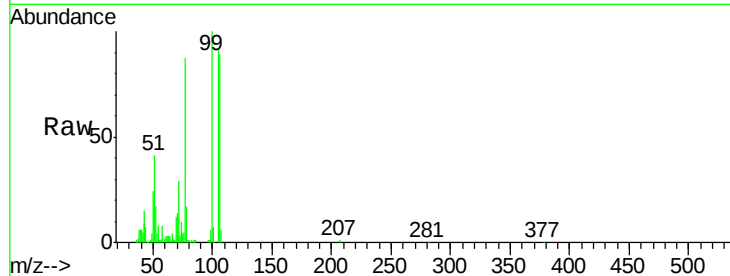
Instrument :

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Tgt Ion:	77	Resp:	66263
Ion Ratio	Lower	Upper	
77	100		
105	104.0	60.9	100.9#
106	102.4	55.1	95.1#



#10

Phenol

Concen: 42.68 ng

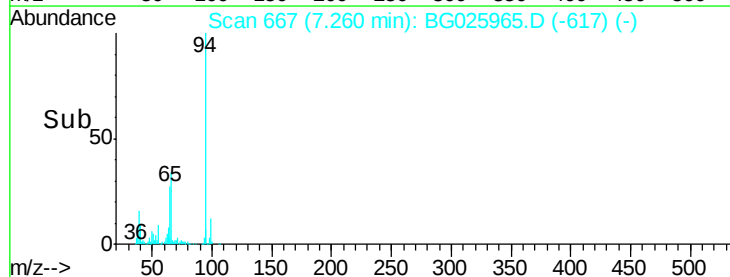
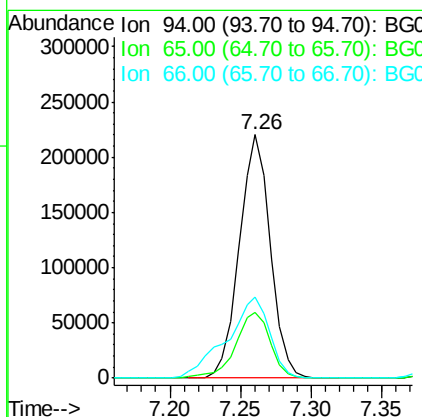
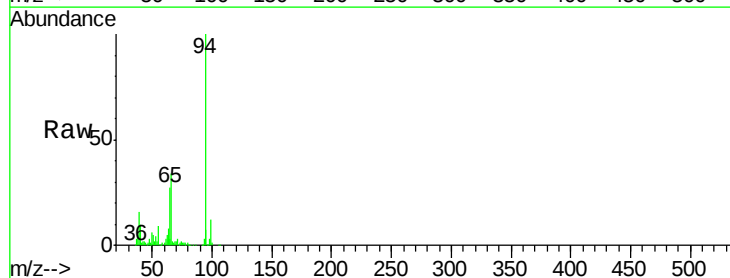
RT: 7.26 min Scan# 667

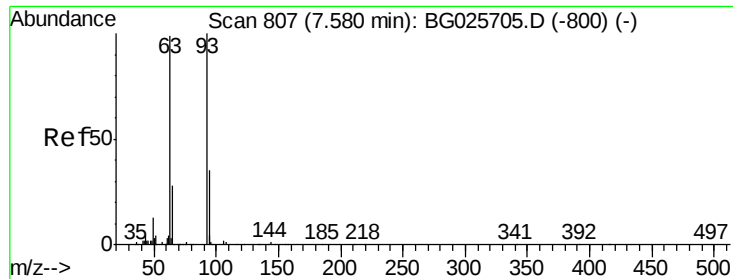
Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Tgt Ion:	94	Resp:	336738
Ion Ratio	Lower	Upper	
94	100		
65	27.2	20.6	60.6
66	33.5	35.5	75.5#

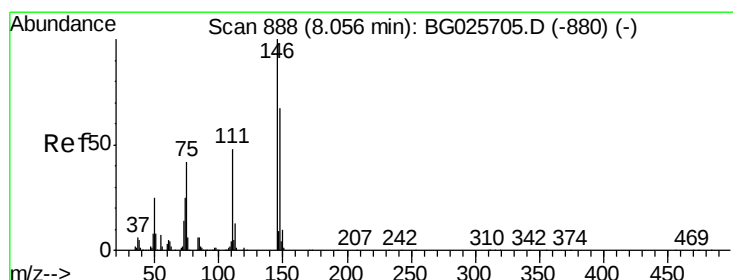
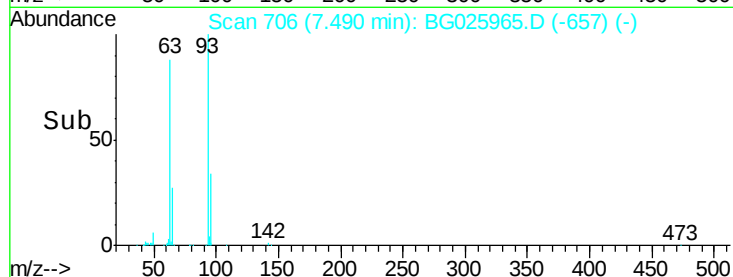
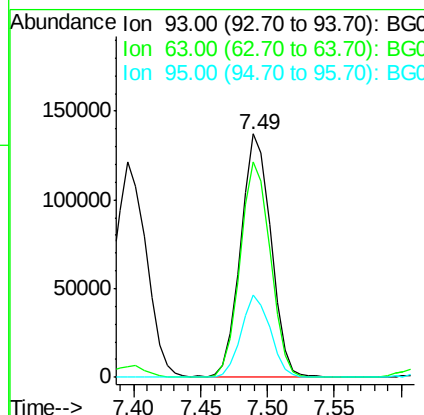
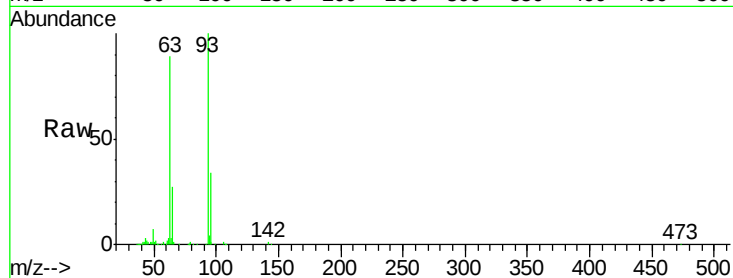




#11
 bis(2-Chloroethyl)ether
 Concen: 33.07 ng
 RT: 7.49 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

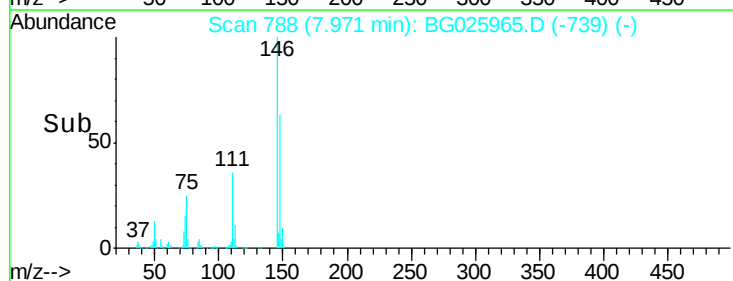
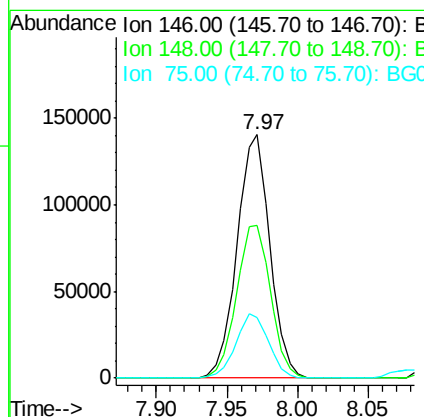
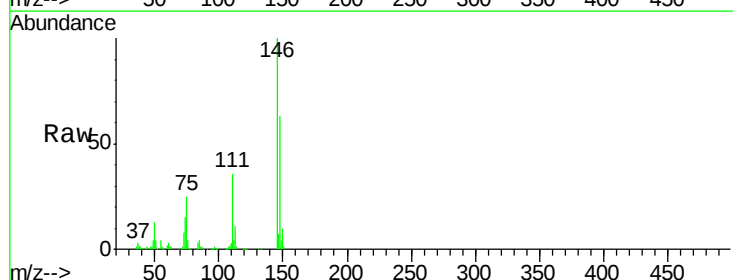
Instrument :
 BNA_G
 ClientSampleId :
 PB97193BS

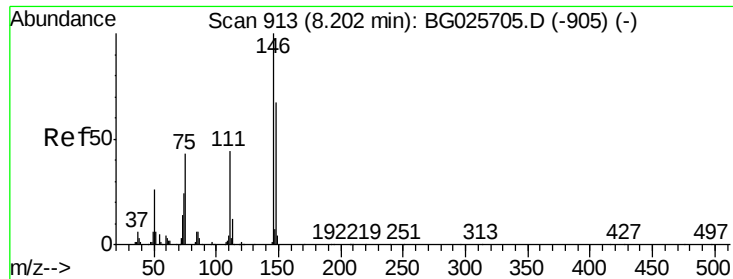
Tgt Ion: 93 Resp: 214477
 Ion Ratio Lower Upper
 93 100
 63 88.6 78.5 118.5
 95 33.9 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 33.76 ng
 RT: 7.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

Tgt Ion: 146 Resp: 227554
 Ion Ratio Lower Upper
 146 100
 148 62.8 49.2 73.8
 75 25.1 33.4 50.2#

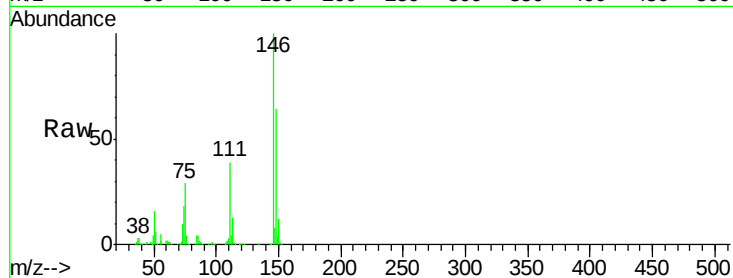




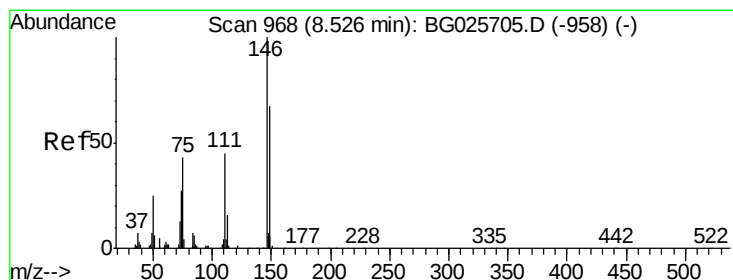
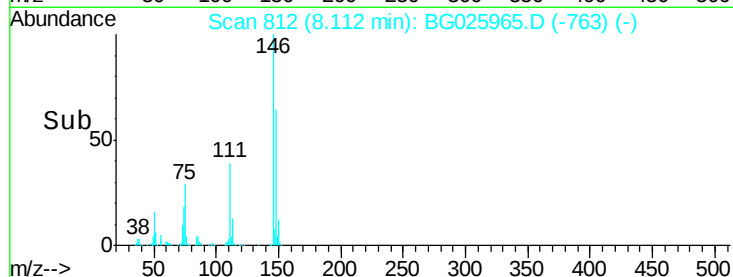
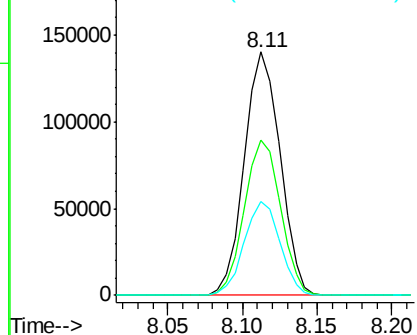
#13
 1,4-Dichlorobenzene
 Concen: 34.16 ng
 RT: 8.11 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB97193BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	38.7	37.0	55.6

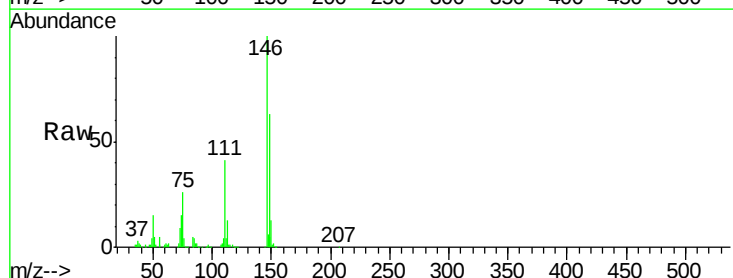


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

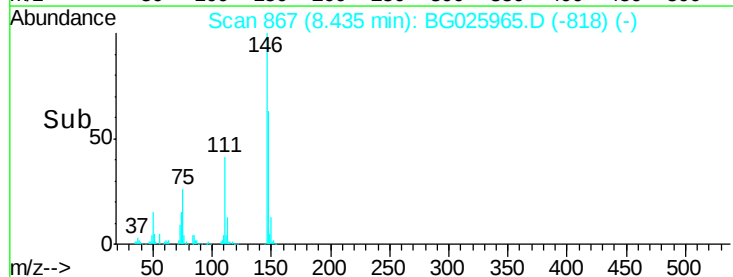
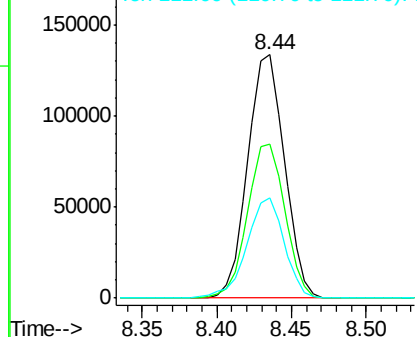


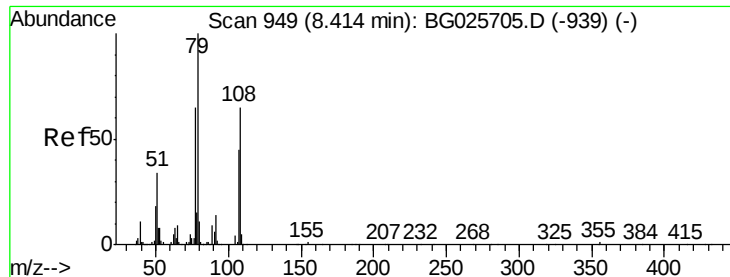
#14
 1,2-Dichlorobenzene
 Concen: 34.00 ng
 RT: 8.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	54.6	81.8
111	41.0	39.7	59.5



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





#15

Benzyl Alcohol

Concen: 40.78 ng

RT: 8.31 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

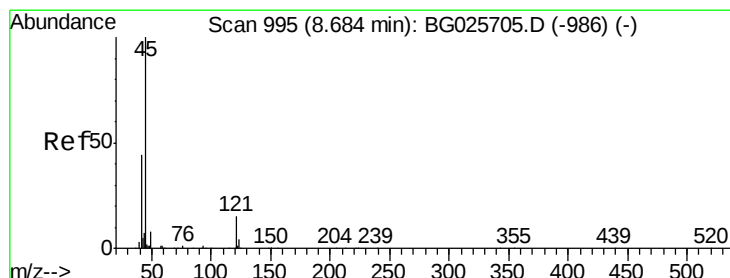
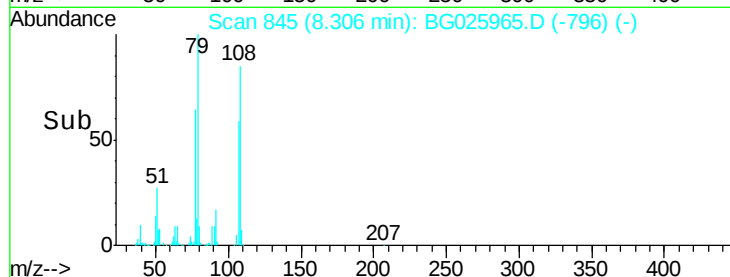
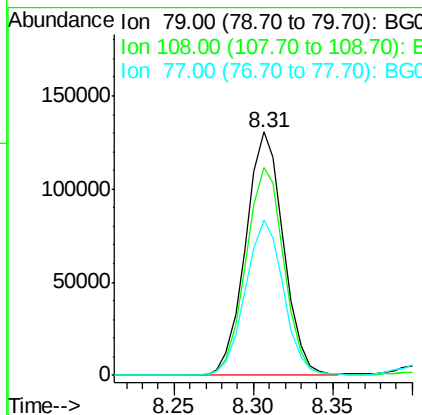
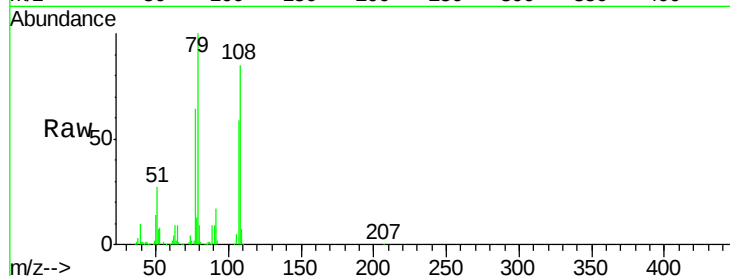
Tgt Ion: 79 Resp: 216805

Ion Ratio Lower Upper

79 100

108 85.2 45.5 68.3#

77 63.7 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.18 ng

RT: 8.61 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

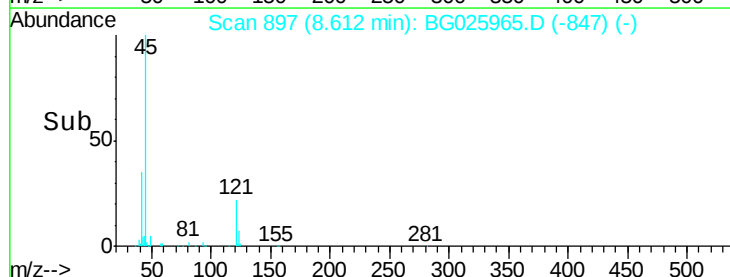
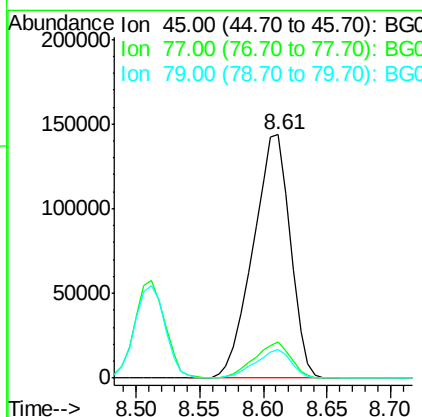
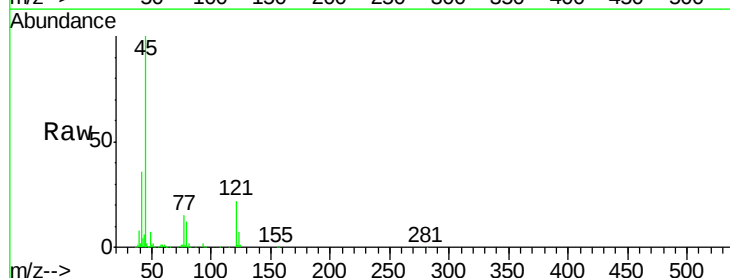
Tgt Ion: 45 Resp: 293441

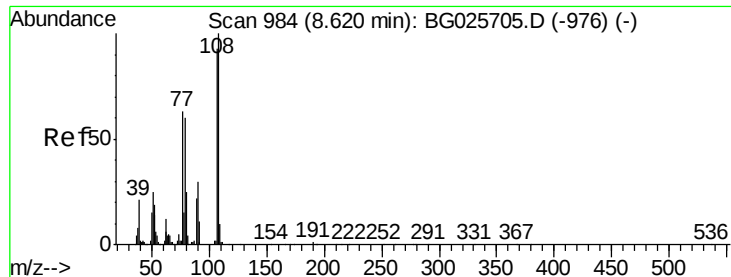
Ion Ratio Lower Upper

45 100

77 15.1 0.0 30.6

79 11.8 0.0 28.5

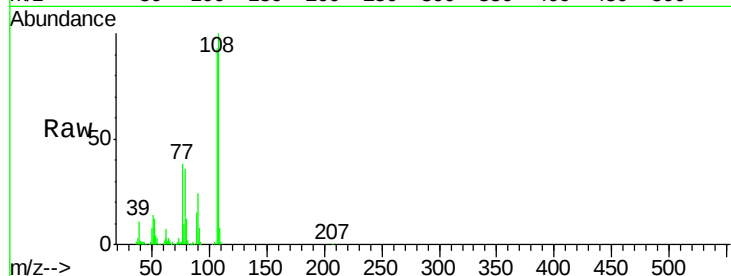




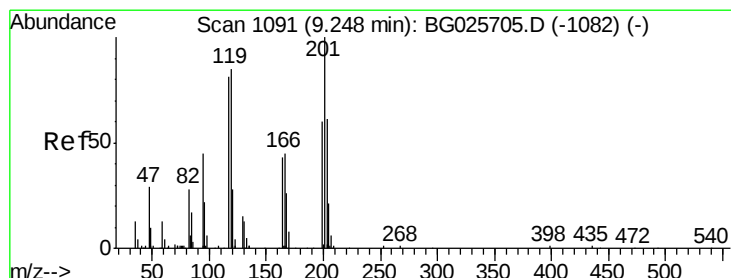
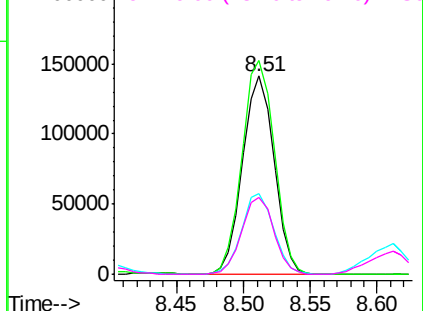
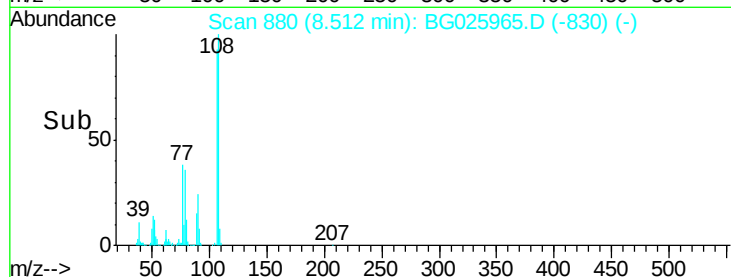
#17
2-Methylphenol
Concen: 40.63 ng
RT: 8.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

Instrument :
BNA_G
ClientSampleId :
PB97193BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	230905		
108	108.0	85.6	128.4	
77	40.8	51.4	77.2#	
79	38.6	49.2	73.8#	

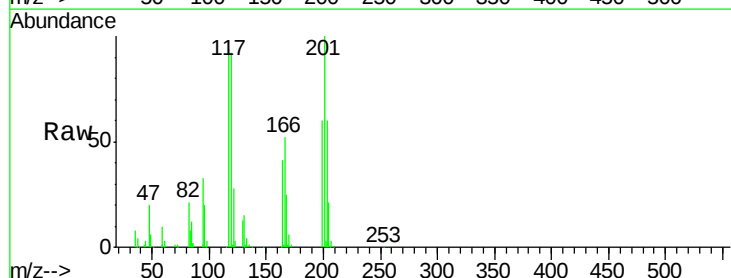


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

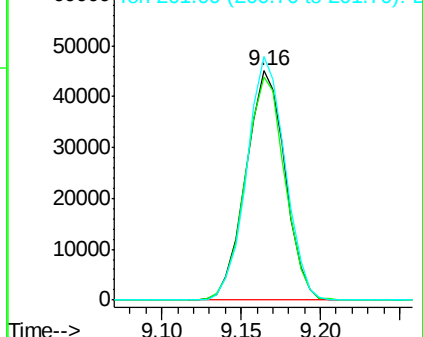
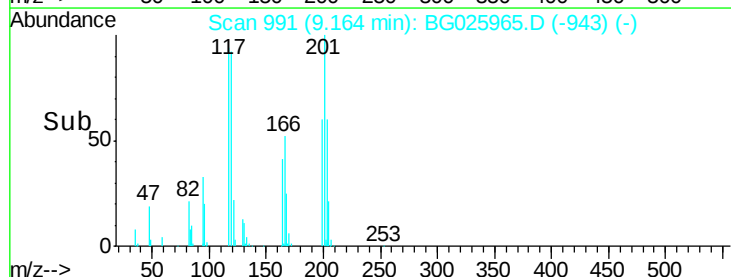


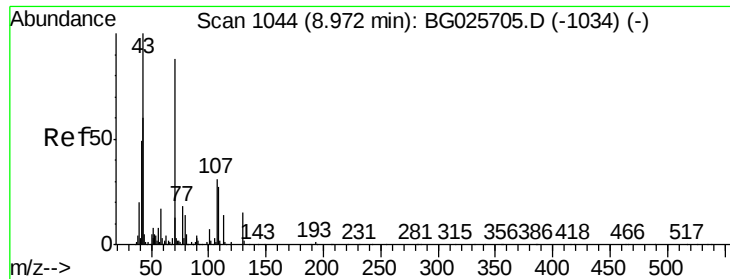
#18
Hexachloroethane
Concen: 34.22 ng
RT: 9.16 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	77449		
119	97.4	69.8	104.6	
201	106.3	95.4	143.0	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

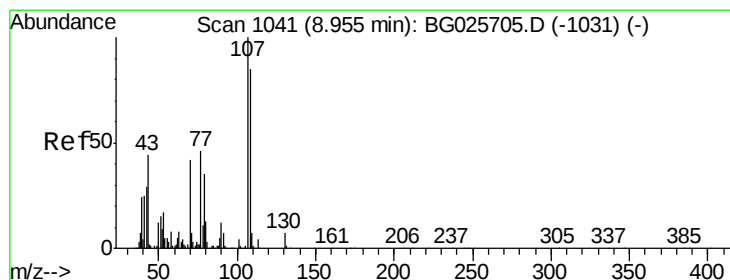
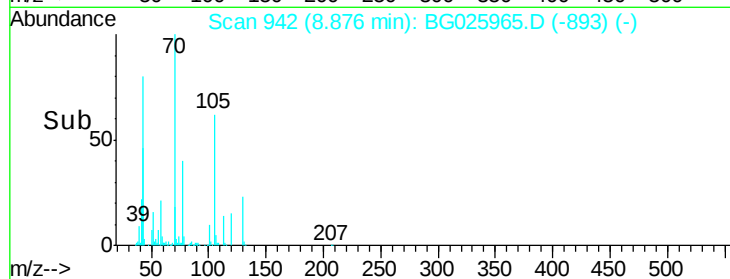
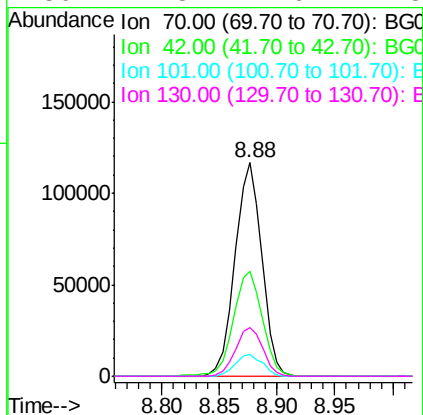
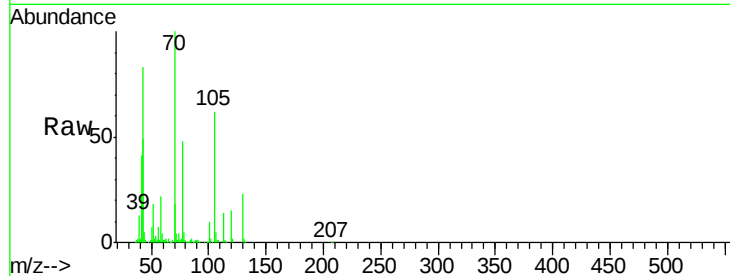




#19
n-Nitroso-di-n-propylamine
Concen: 35.21 ng
RT: 8.88 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

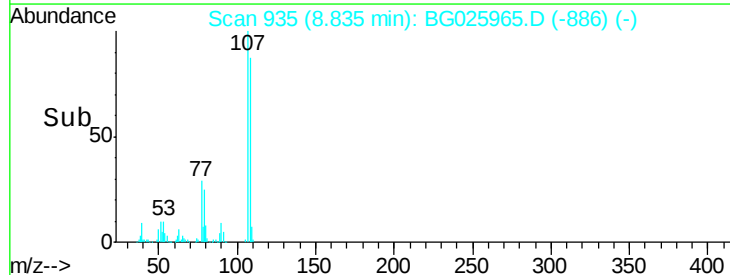
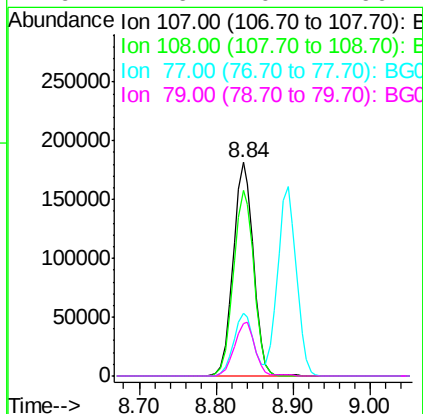
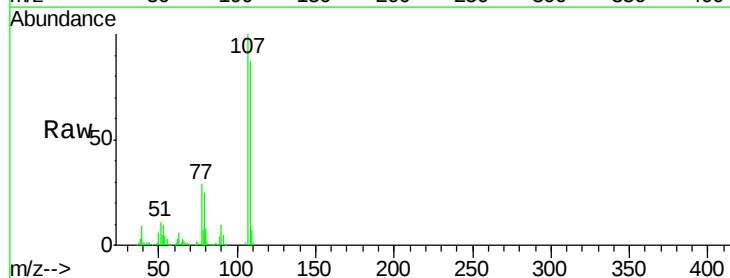
Instrument :
BNA_G
ClientSampleId :
PB97193BS

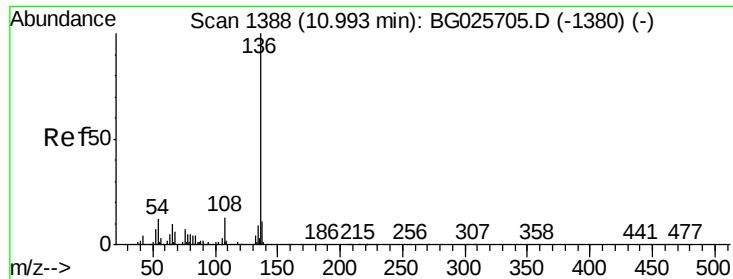
Tgt Ion: 70 Resp: 186722
Ion Ratio Lower Upper
70 100
42 48.9 56.1 84.1#
101 10.4 7.5 11.3
130 22.8 14.6 21.8#



#20
3+4-Methylphenols
Concen: 41.21 ng
RT: 8.84 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

Tgt Ion: 107 Resp: 333683
Ion Ratio Lower Upper
107 100
108 87.0 70.8 110.8
77 29.2 25.8 65.8
79 24.6 20.1 60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

Tgt Ion:136 Resp: 425856

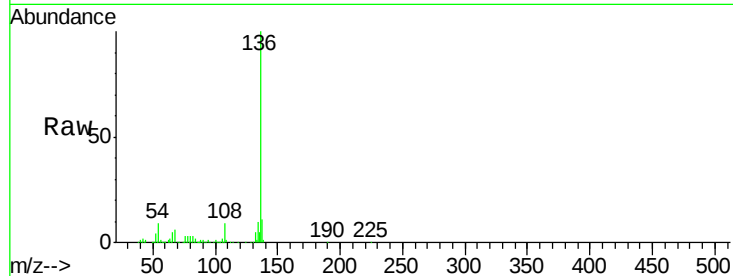
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 9.2 9.3 13.9#

68 6.3 5.1 7.7

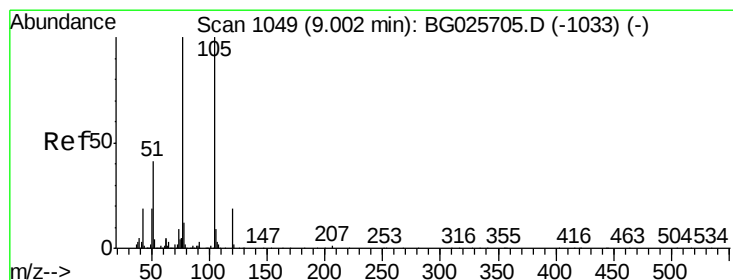
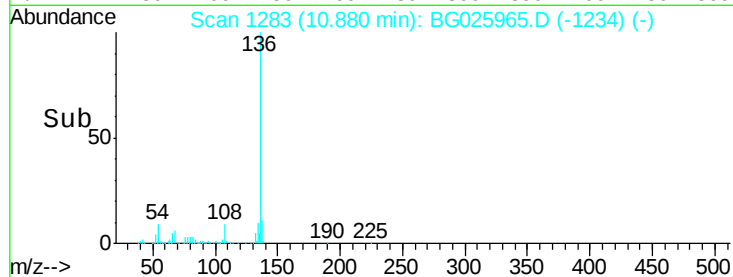
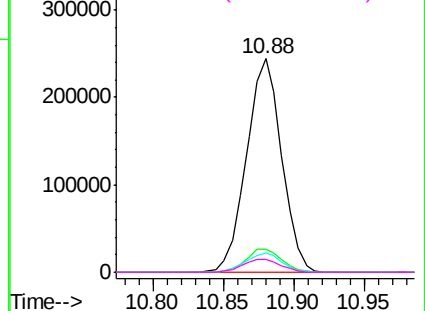


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 35.09 ng

RT: 8.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Tgt Ion:105 Resp: 358613

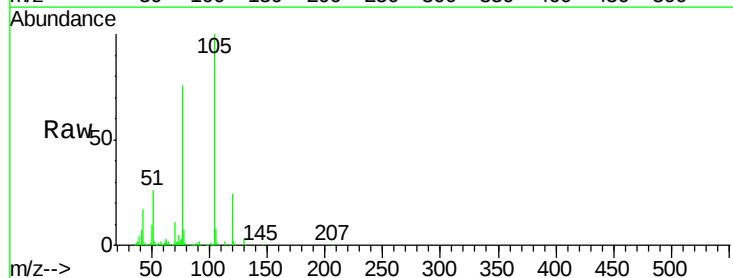
Ion Ratio Lower Upper

105 100

71 1.7 0.9 1.3#

51 25.8 34.0 51.0#

120 24.4 17.3 25.9

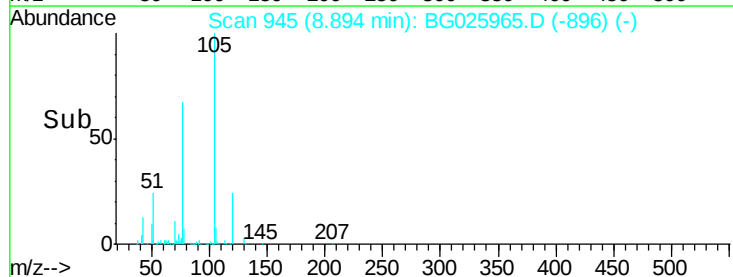
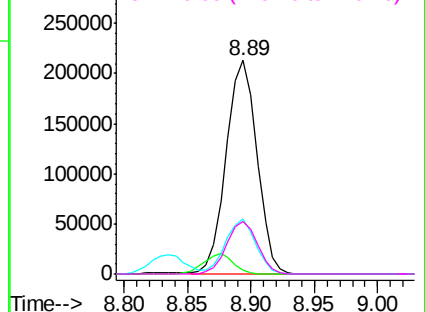


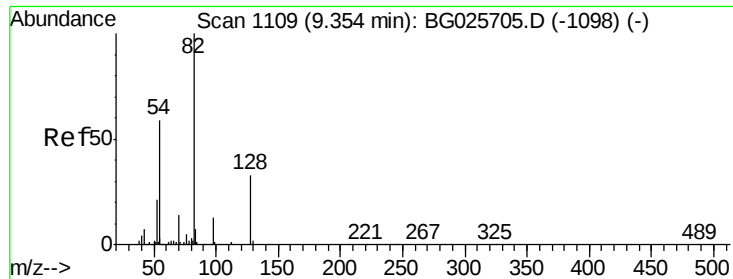
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

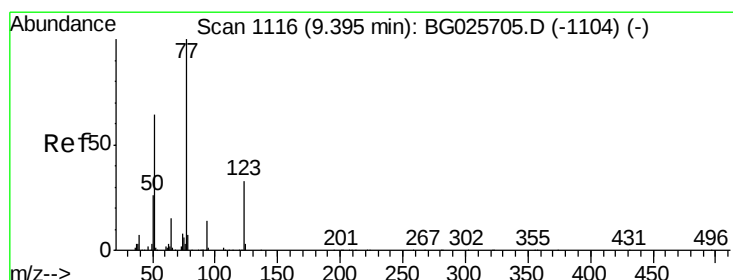
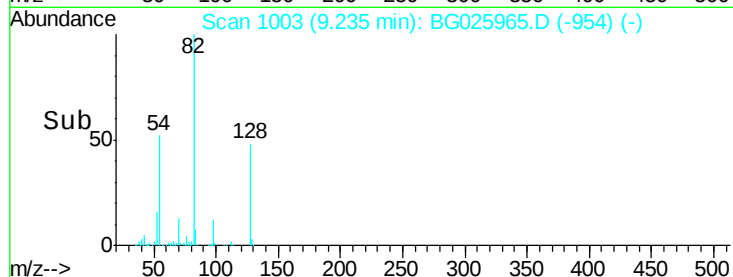
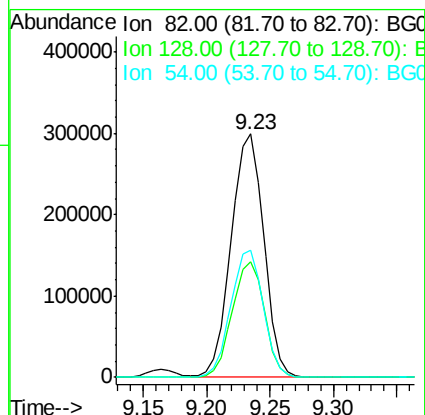
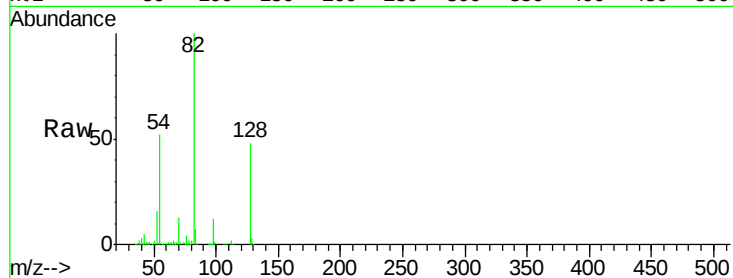




#23
 Nitrobenzene-d5
 Concen: 78.97 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

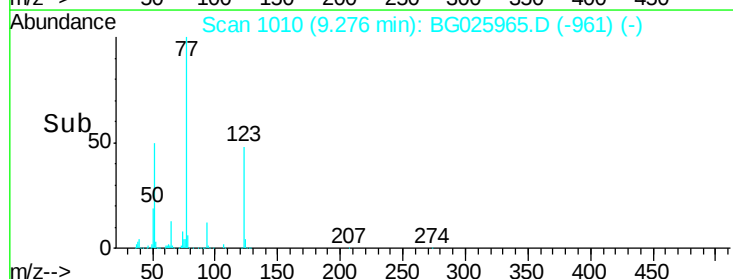
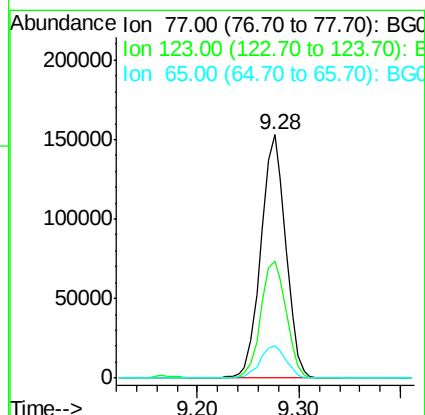
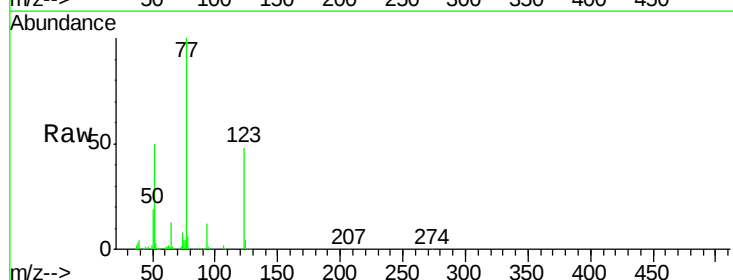
Instrument :
 BNA_G
 ClientSampleId :
 PB97193BS

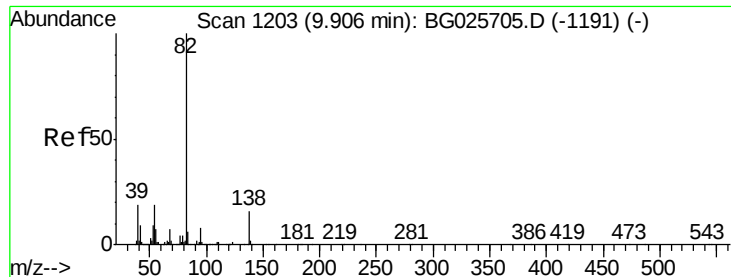
Tgt Ion: 82 Resp: 532925
 Ion Ratio Lower Upper
 82 100
 128 47.6 26.4 39.6#
 54 52.0 49.4 74.2



#24
 Nitrobenzene
 Concen: 35.67 ng
 RT: 9.28 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

Tgt Ion: 77 Resp: 260313
 Ion Ratio Lower Upper
 77 100
 123 48.0 26.1 39.1#
 65 13.2 12.4 18.6





#25

Isophorone

Concen: 36.34 ng

RT: 9.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

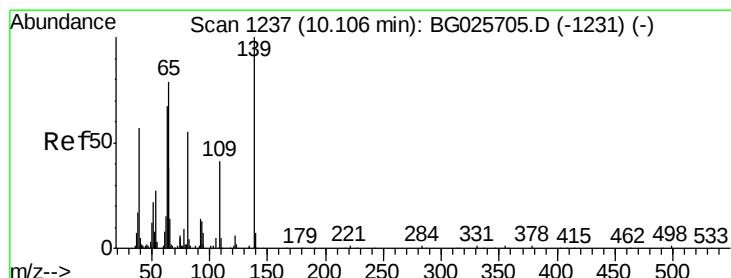
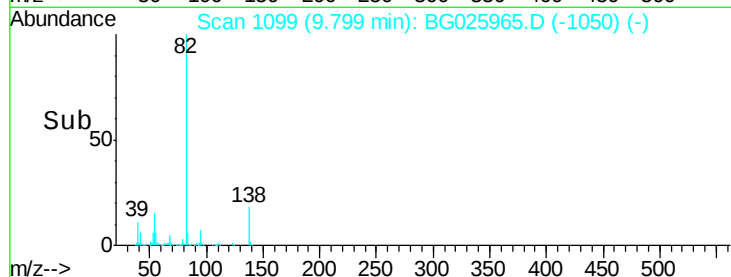
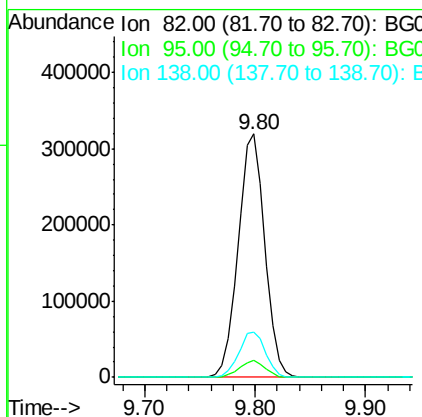
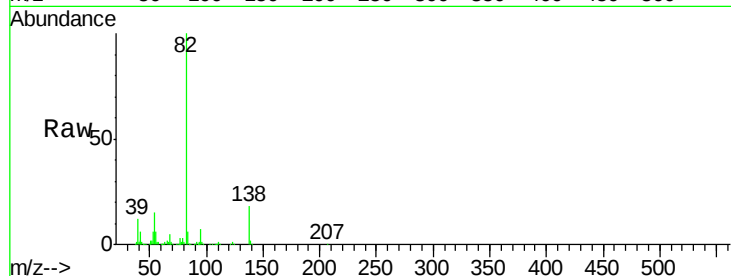
Tgt Ion: 82 Resp: 539648

Ion Ratio Lower Upper

82 100

95 6.8 7.5 11.3#

138 18.5 12.3 18.5



#26

2-Nitrophenol

Concen: 40.65 ng

RT: 9.99 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

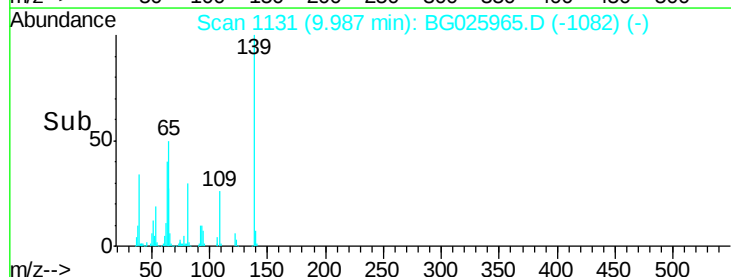
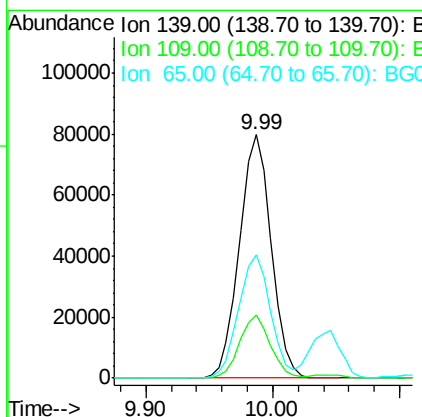
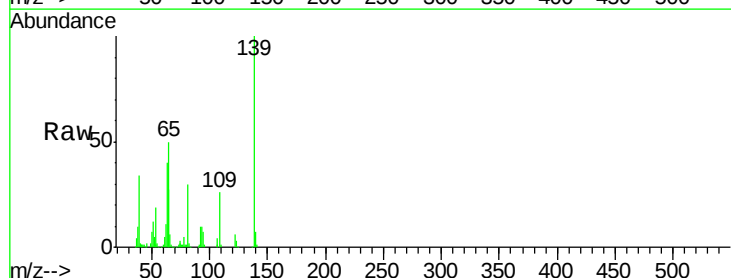
Tgt Ion: 139 Resp: 138714

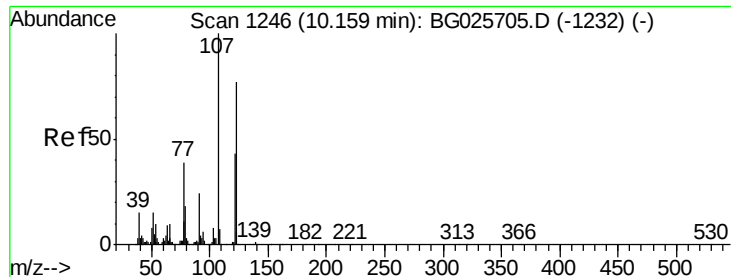
Ion Ratio Lower Upper

139 100

109 25.7 38.6 58.0#

65 50.5 57.1 85.7#

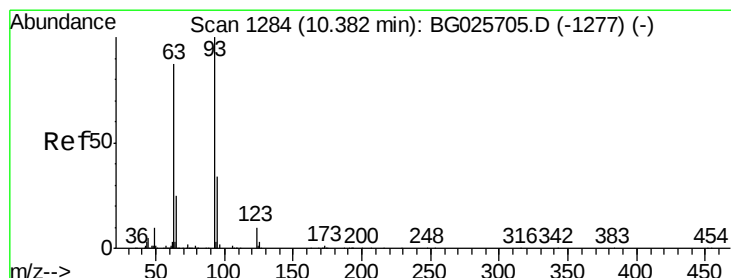
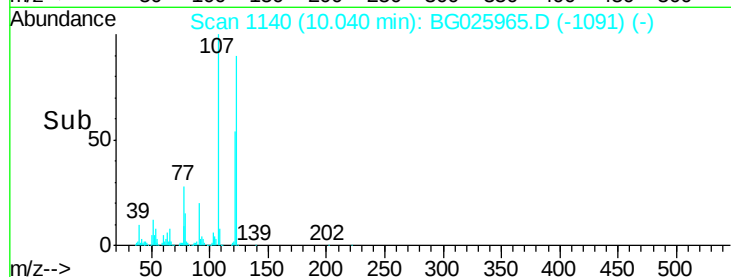
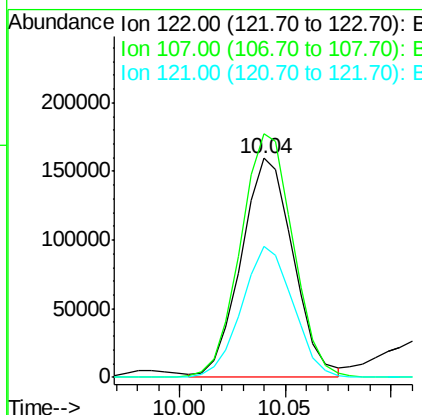
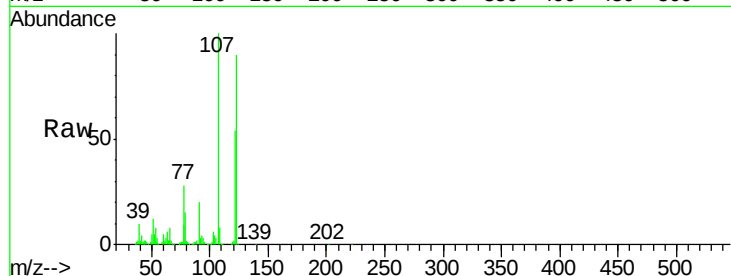




#27
 2,4-Dimethylphenol
 Concen: 43.02 ng
 RT: 10.04 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

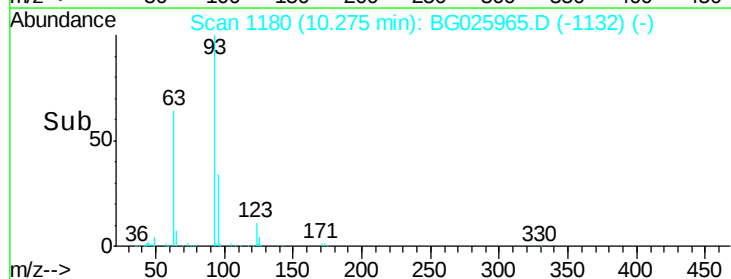
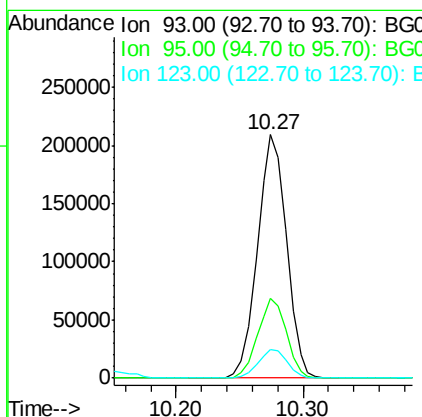
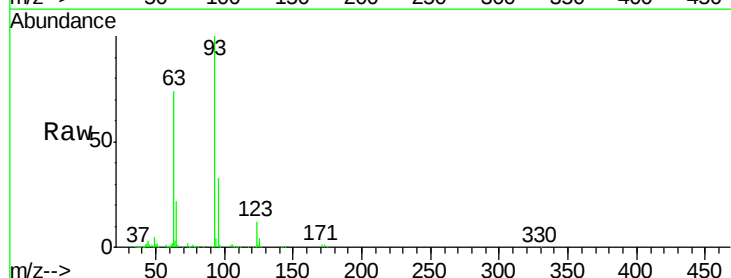
Instrument :
 BNA_G
 ClientSampleId :
 PB97193BS

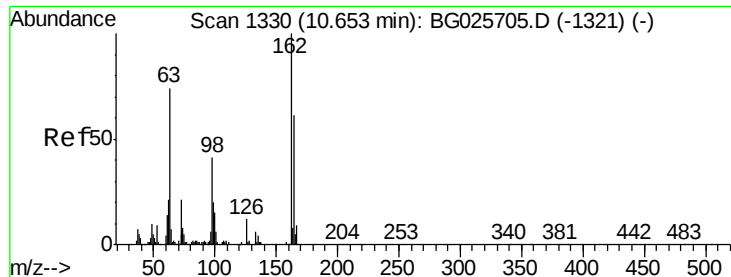
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.1	104.2	156.4
121	59.9	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.44 ng
 RT: 10.27 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.7	38.5
123	11.9	8.3	12.5

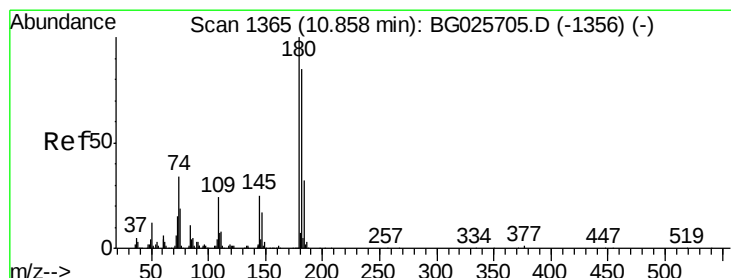
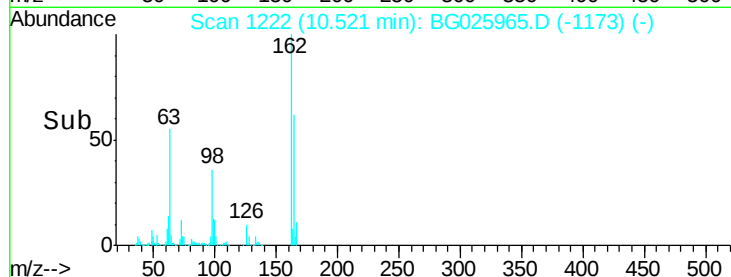
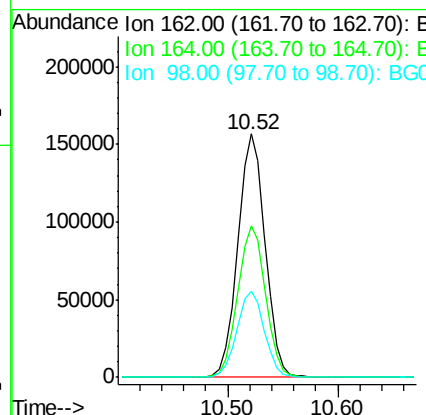
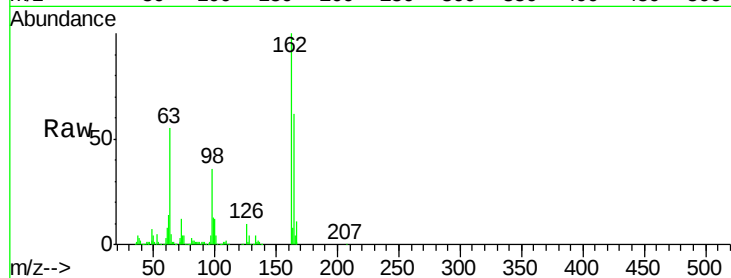




#29
2,4-Dichlorophenol
Concen: 44.83 ng
RT: 10.52 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

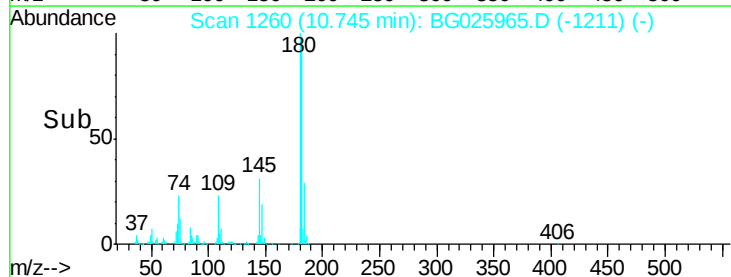
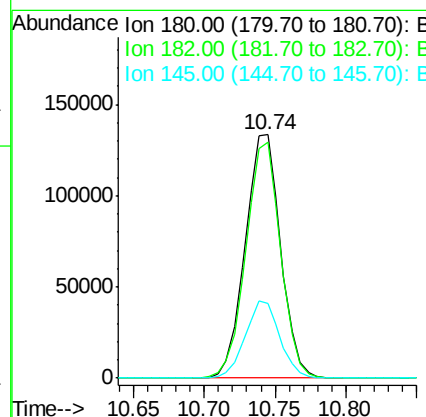
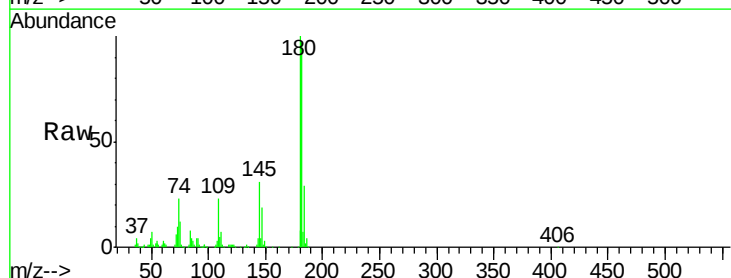
Instrument :
BNA_G
ClientSampleId :
PB97193BS

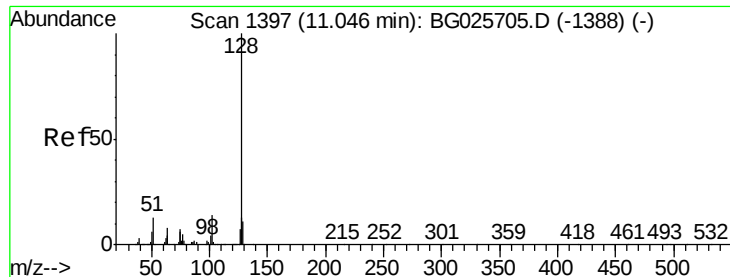
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.1	42.4	82.4
98	35.6	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 35.37 ng
RT: 10.74 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.0	115.4
145	30.8	23.4	35.0

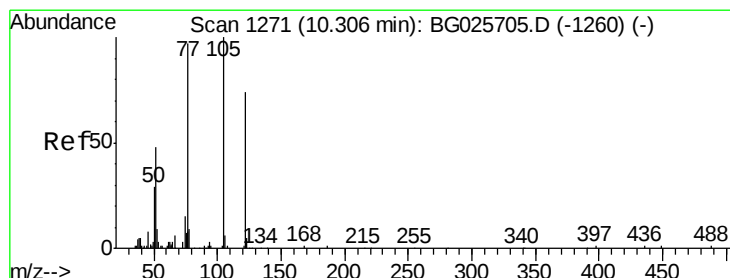
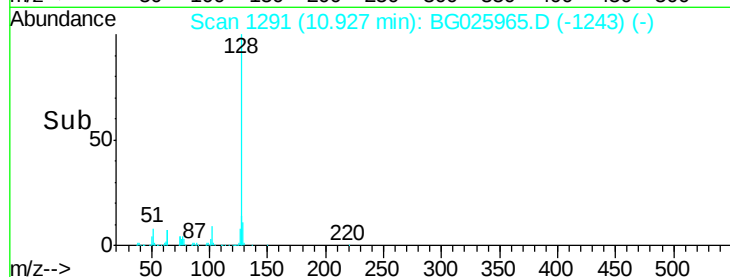
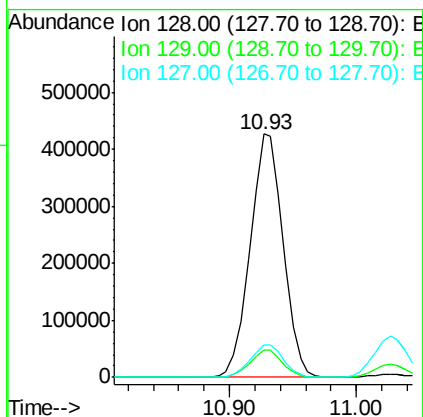
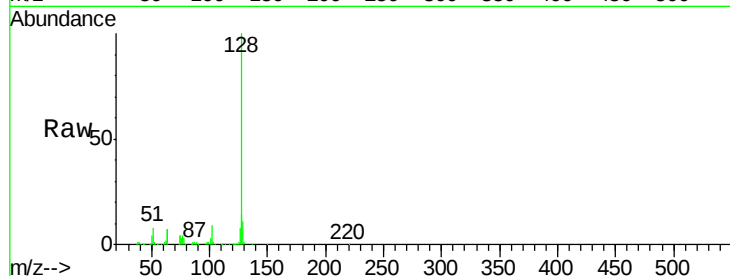




#31
Naphthalene
Concen: 34.93 ng
RT: 10.93 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

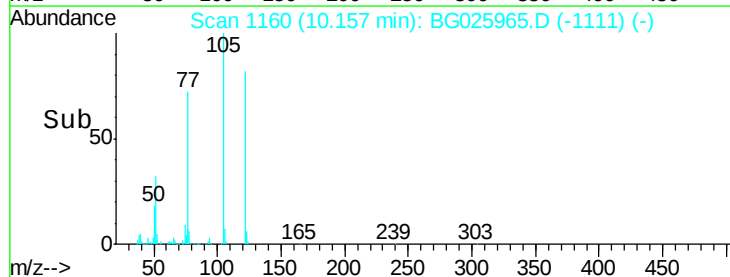
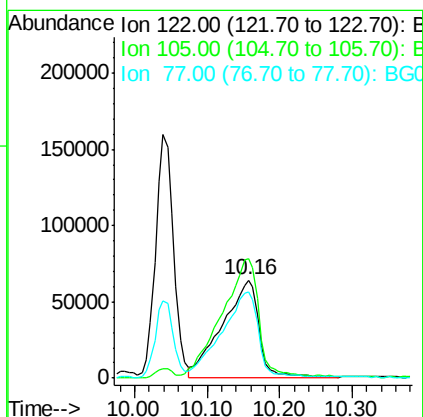
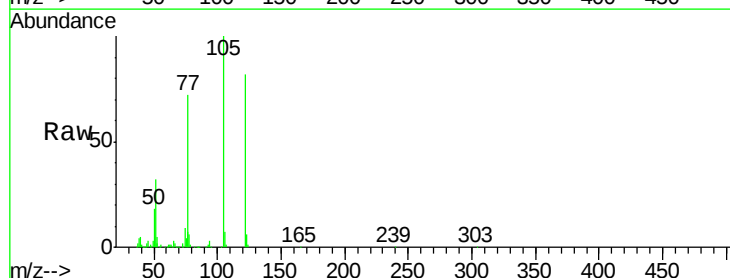
Instrument :
BNA_G
ClientSampleId :
PB97193BS

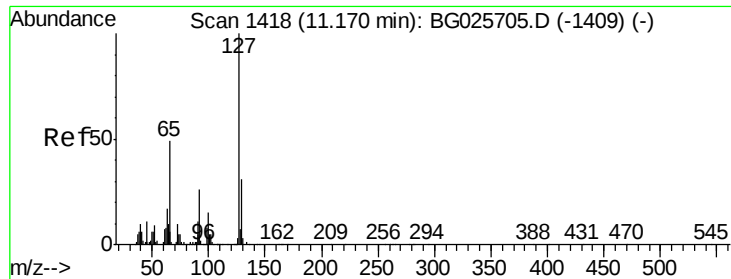
Tgt Ion:128 Resp: 769042
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.5 11.4 17.0



#32
Benzoic acid
Concen: 46.92 ng
RT: 10.16 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

Tgt Ion:122 Resp: 228180
Ion Ratio Lower Upper
122 100
105 122.0 120.1 160.1
77 87.9 104.6 144.6#

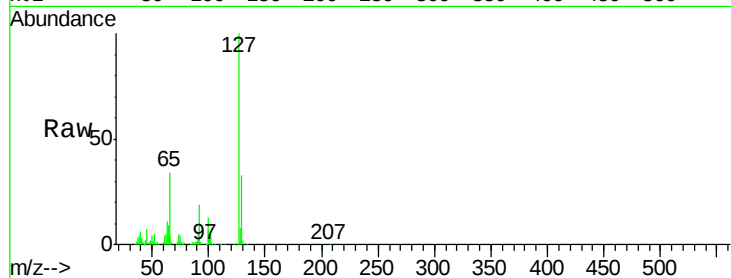




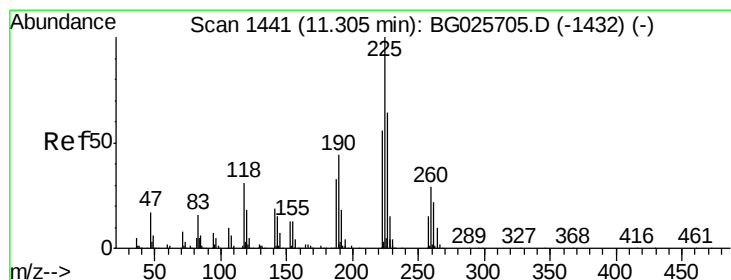
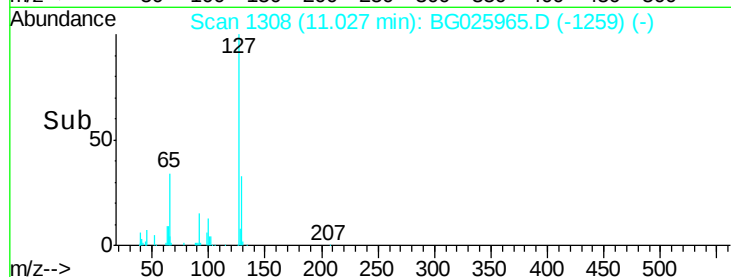
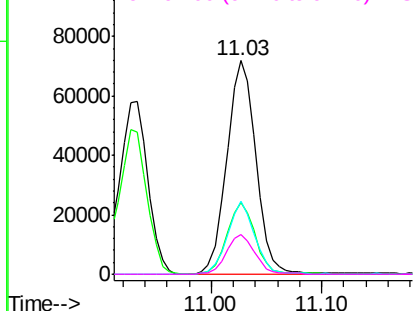
#33
4-Chloroaniline
Concen: 13.94 ng
RT: 11.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

Instrument :
BNA_G
ClientSampleId :
PB97193BS

Tgt Ion:	127	Resp:	133352
Ion	Ratio	Lower	Upper
127	100		
129	33.3	23.6	35.4
65	34.0	37.7	56.5#
92	18.6	17.6	26.4

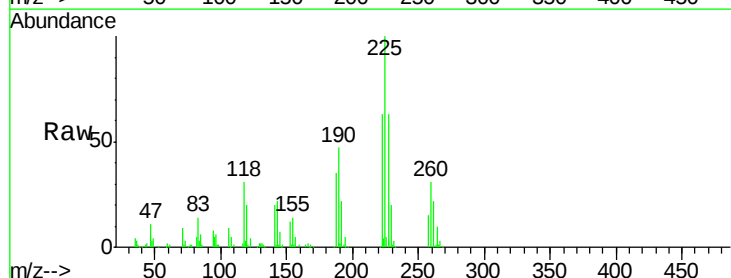


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

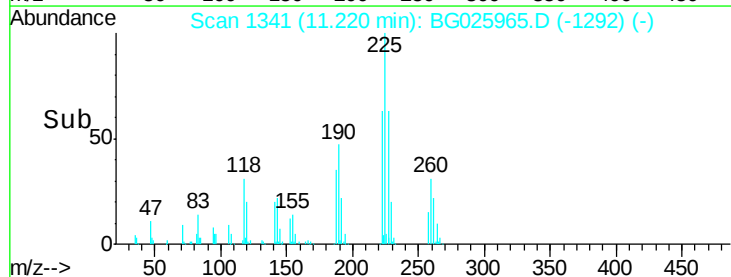
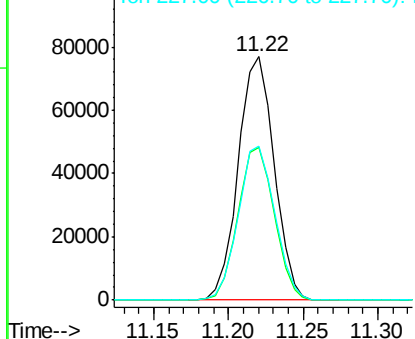


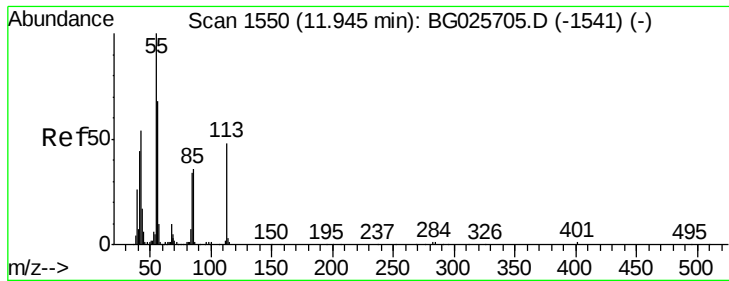
#34
Hexachlorobutadiene
Concen: 34.17 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

Tgt Ion:	225	Resp:	128553
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	63.3	49.0	73.6



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





#35

Caprolactam

Concen: 34.11 ng

RT: 11.78 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

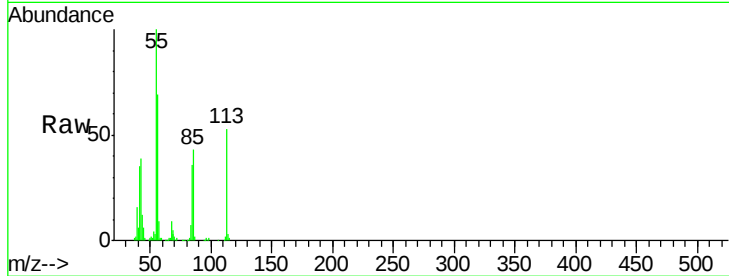
Tgt Ion:113 Resp: 83725

Ion Ratio Lower Upper

113 100

55 187.6 198.6 238.6#

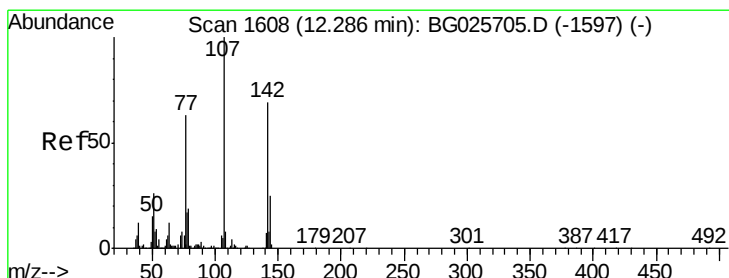
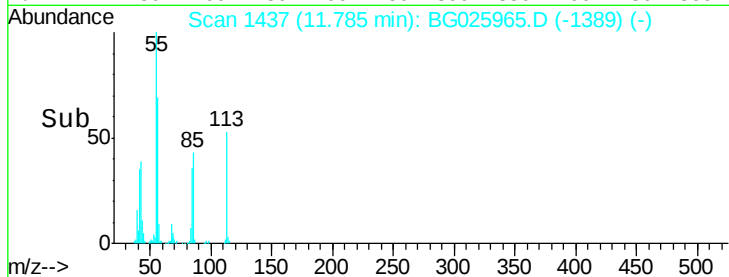
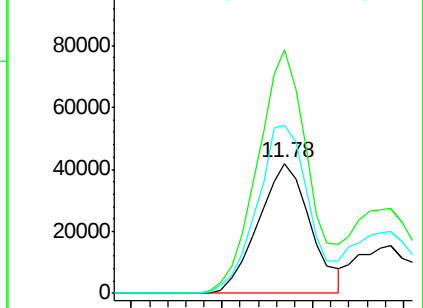
56 129.5 140.4 180.4#



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: 44.84 ng

RT: 12.14 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

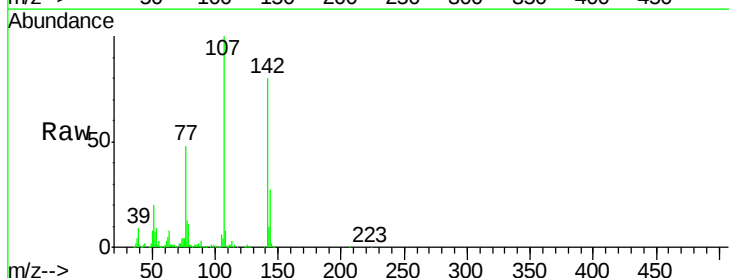
Tgt Ion:107 Resp: 326106

Ion Ratio Lower Upper

107 100

144 27.1 17.4 26.0#

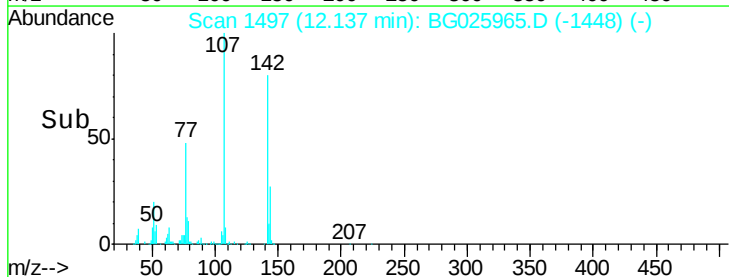
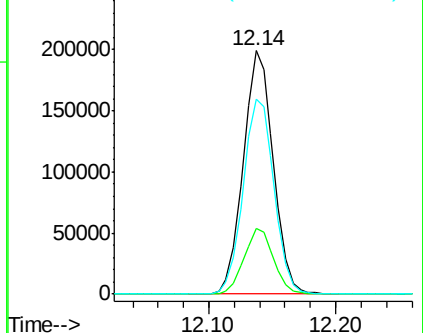
142 80.0 54.1 81.1

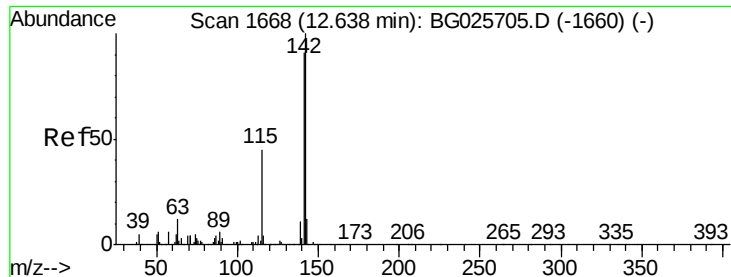


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

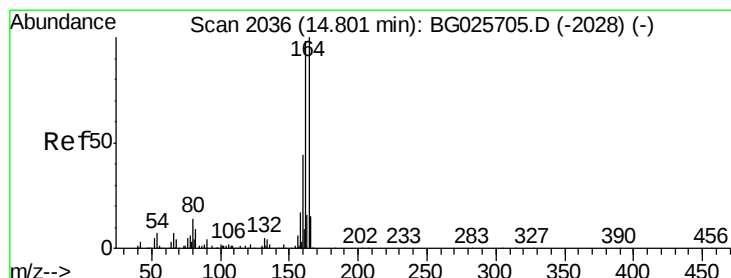
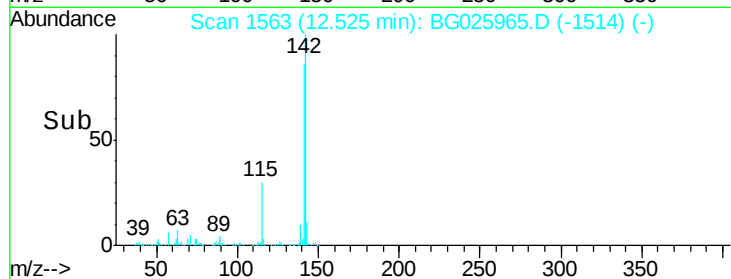
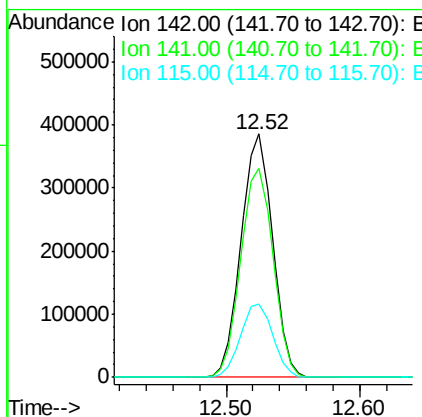
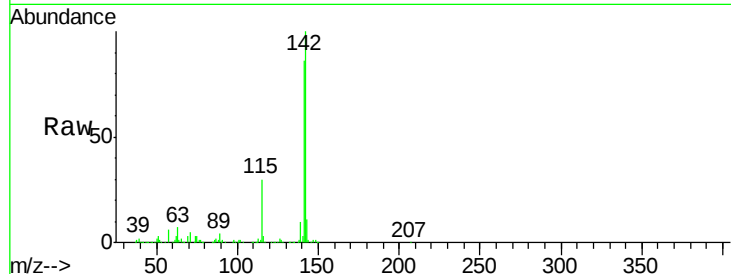




#37
 2-Methylnaphthalene
 Concen: 37.50 ng
 RT: 12.52 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

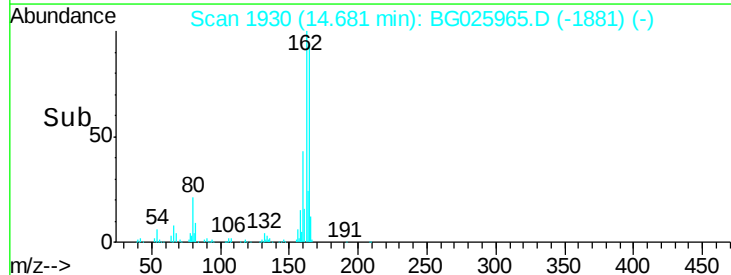
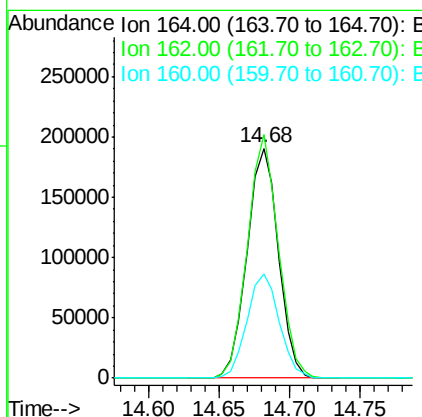
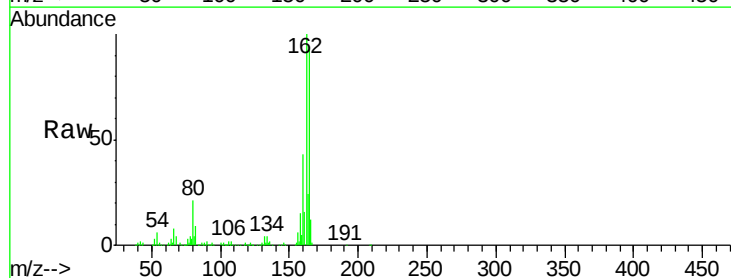
Instrument :
 BNA_G
 ClientSampleId :
 PB97193BS

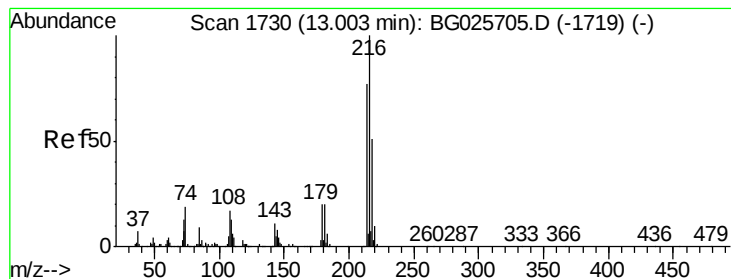
Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.9	70.4	105.6
115	30.3	35.5	53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.1	127.7
160	45.5	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.38 ng

RT: 12.89 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

Tgt Ion:216 Resp: 277739

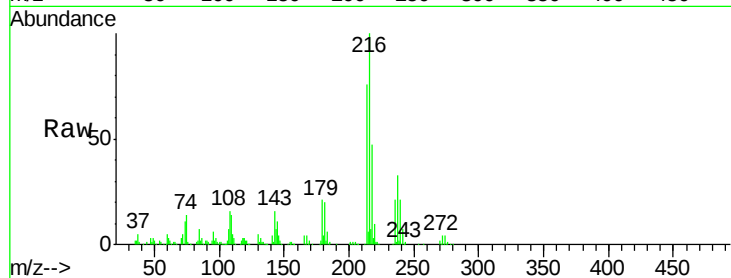
Ion Ratio Lower Upper

216 100

214 79.0 64.4 96.6

179 21.2 17.4 26.0

108 20.0 15.6 23.4

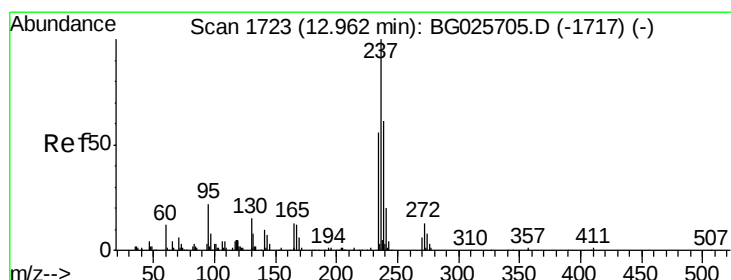
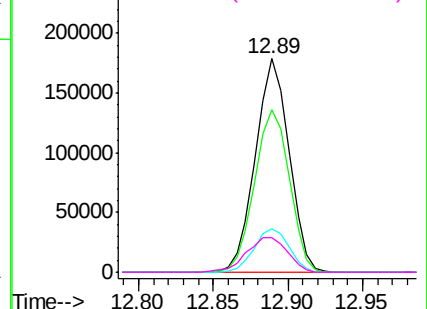
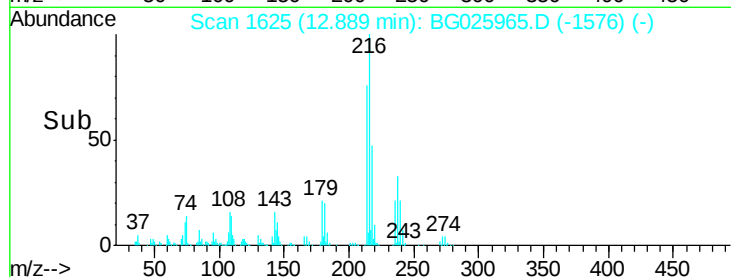


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.78 ng

RT: 12.87 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

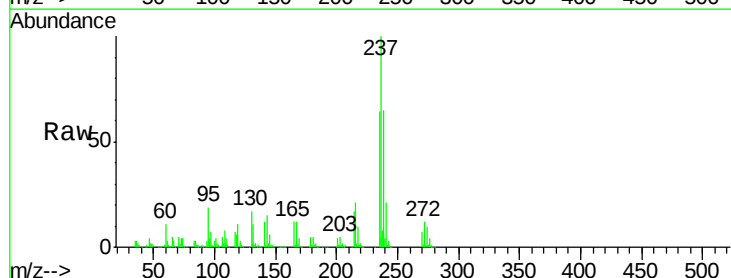
Tgt Ion:237 Resp: 312171

Ion Ratio Lower Upper

237 100

235 63.5 39.4 79.4

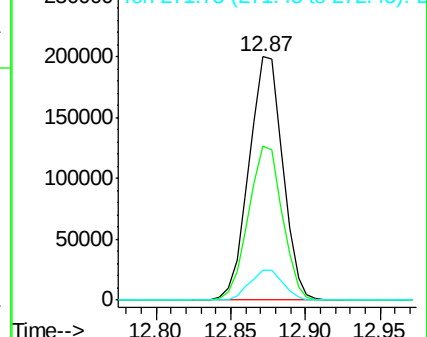
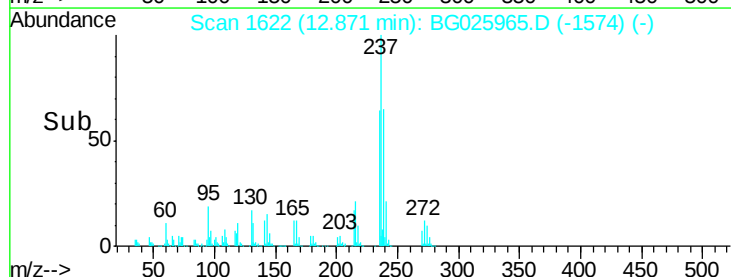
272 12.0 0.0 32.0

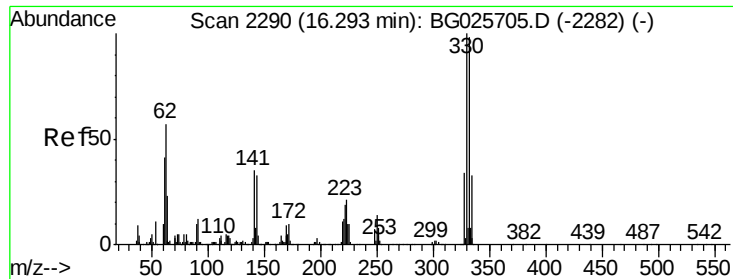


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

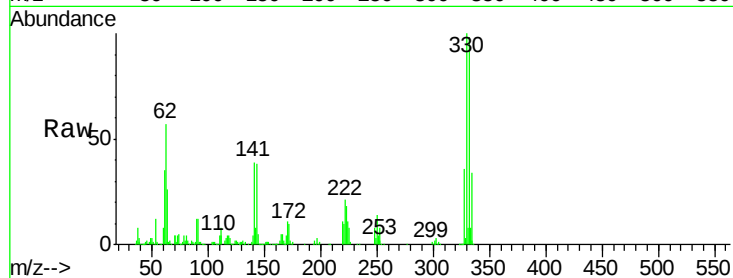




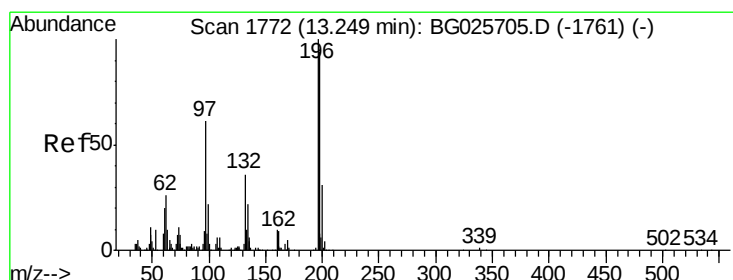
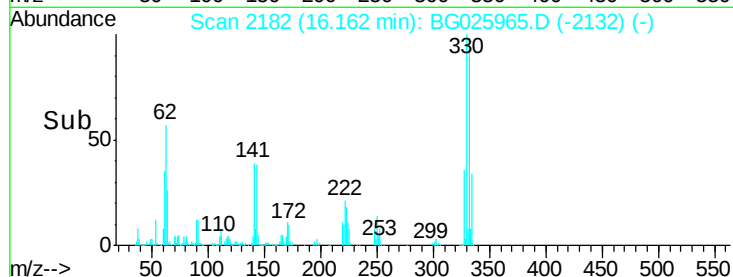
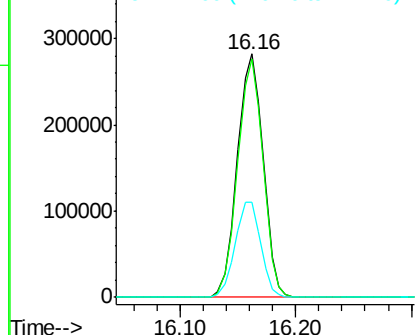
#41
 2,4,6-Tribromophenol
 Concen: 159.88 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB97193BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	38.9	32.1	48.1

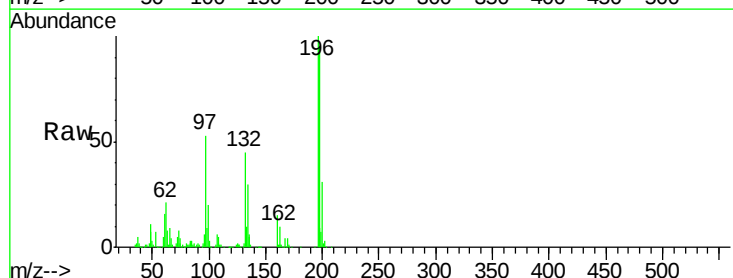


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

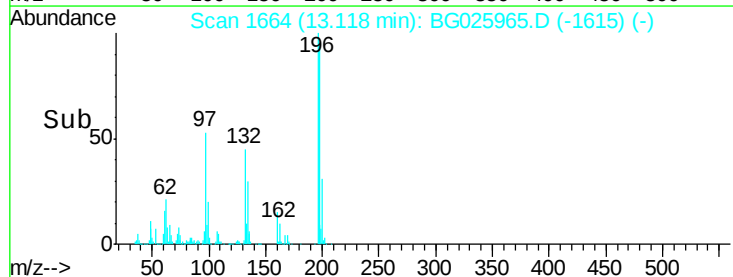
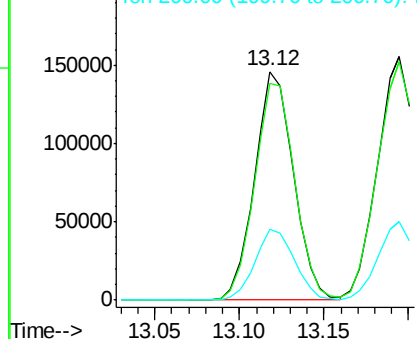


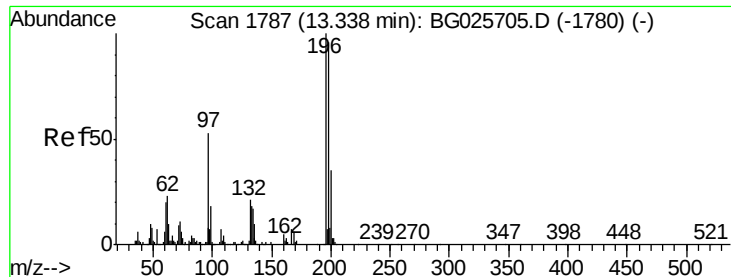
#42
 2,4,6-Trichlorophenol
 Concen: 48.49 ng
 RT: 13.12 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	81.4	122.2
200	31.0	27.0	40.6



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

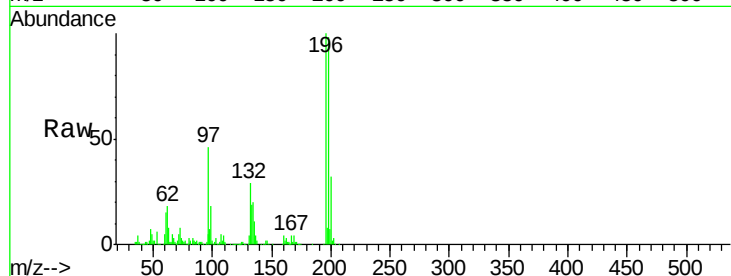




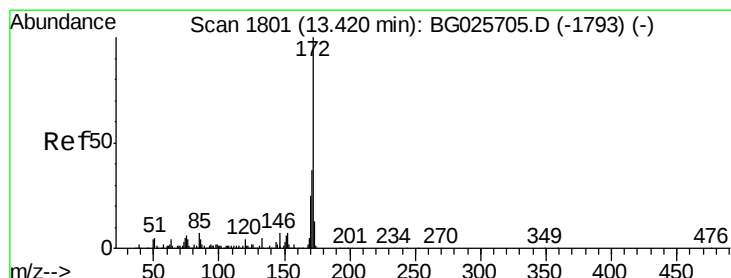
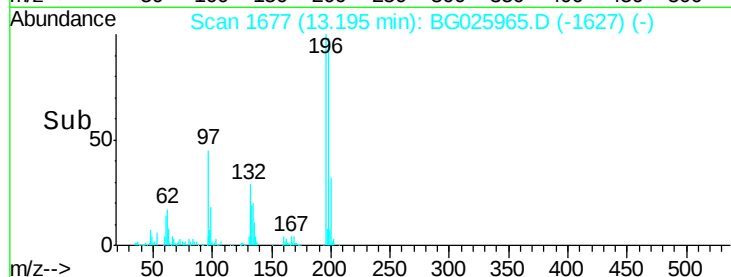
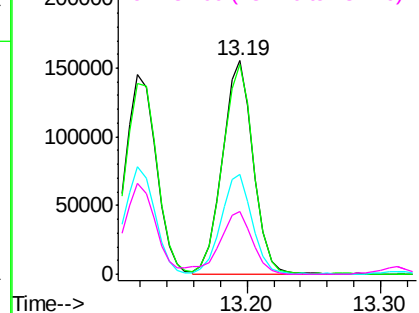
#43
 2,4,5-Trichlorophenol
 Concen: 45.93 ng
 RT: 13.19 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB97193BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	79.9	119.9
97	46.5	45.4	68.0
132	29.1	20.7	31.1

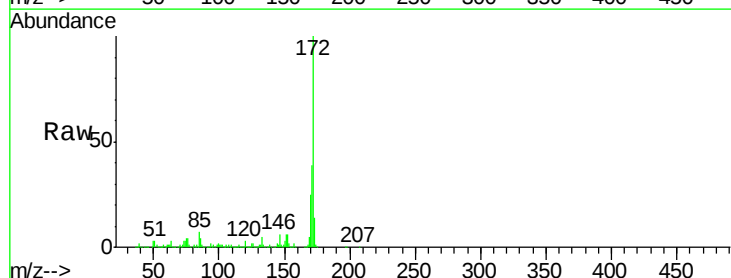


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

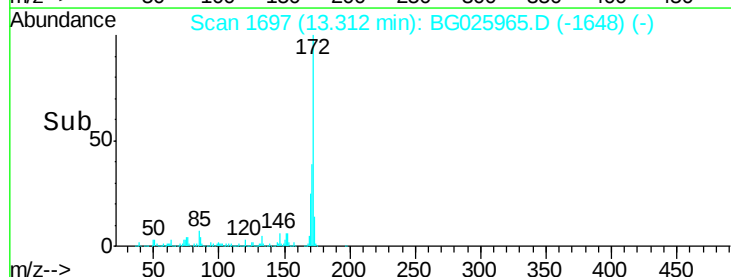
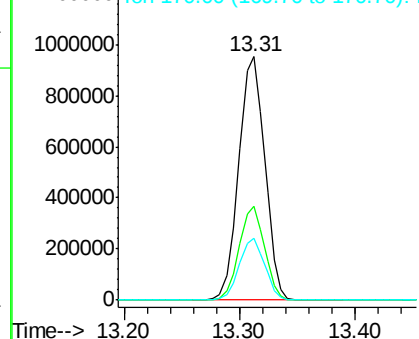


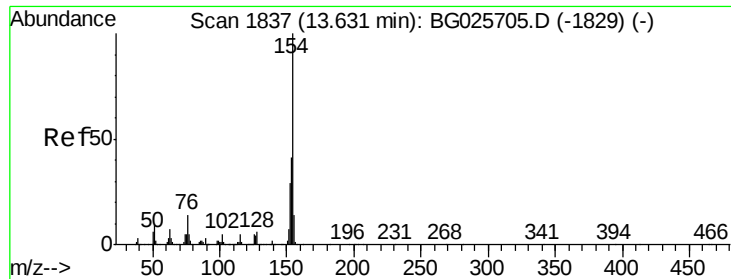
#44
 2-Fluorobiphenyl
 Concen: 87.72 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.2	48.2
170	25.2	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

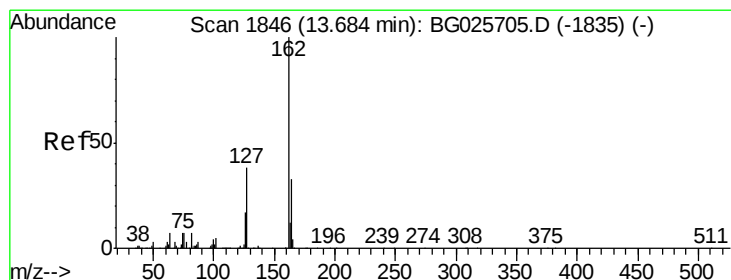
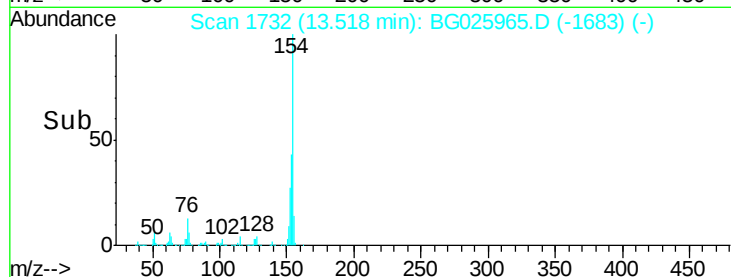
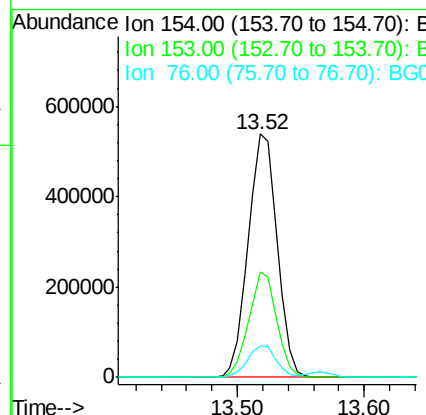
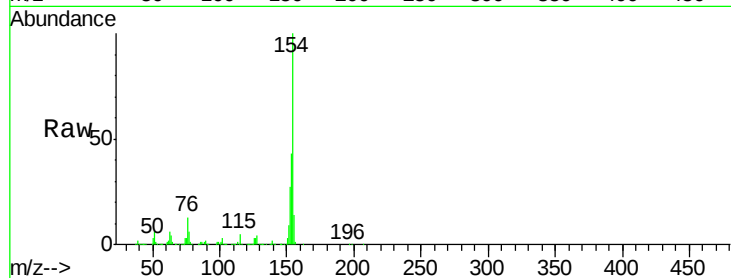




#45
 1,1'-Biphenyl
 Concen: 39.86 ng
 RT: 13.52 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

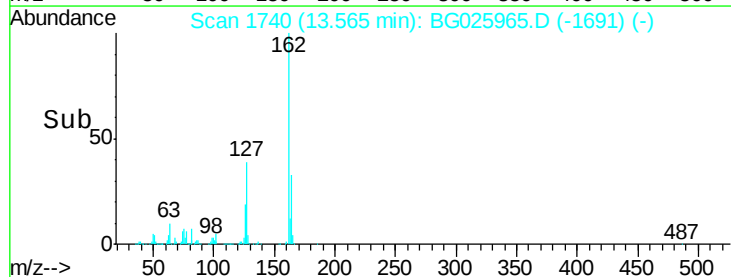
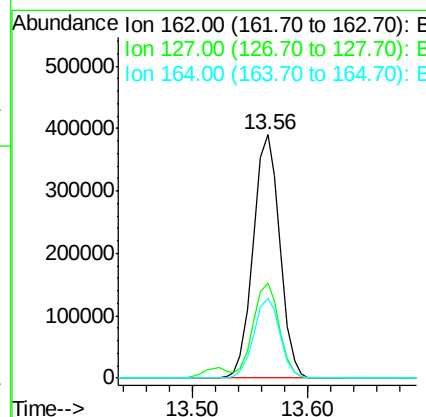
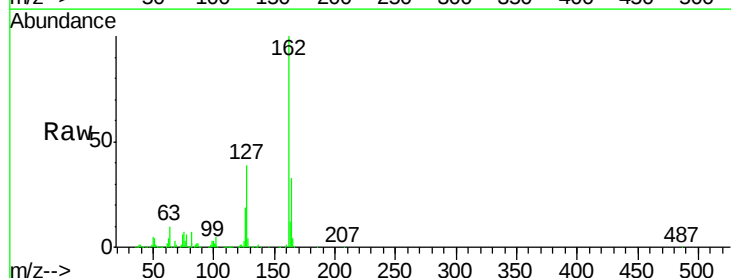
Instrument :
 BNA_G
 ClientSampleId :
 PB97193BS

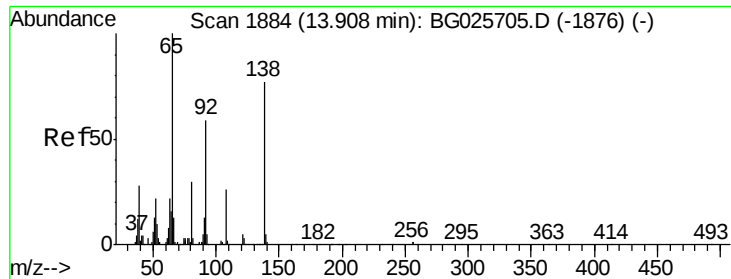
Tgt Ion:	154	Resp:	856411
Ion	Ratio	Lower	Upper
154	100		
153	43.2	23.0	63.0
76	13.0	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 40.18 ng
 RT: 13.56 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

Tgt Ion:	162	Resp:	624016
Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.2	48.4
164	32.6	27.3	40.9

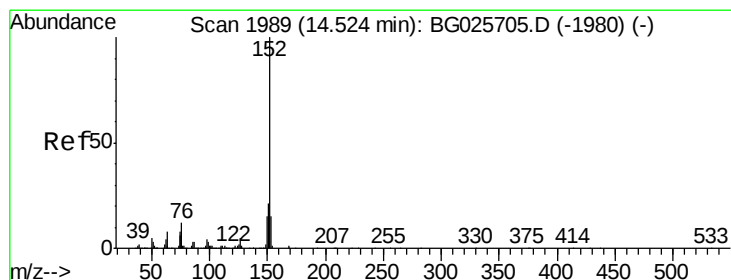
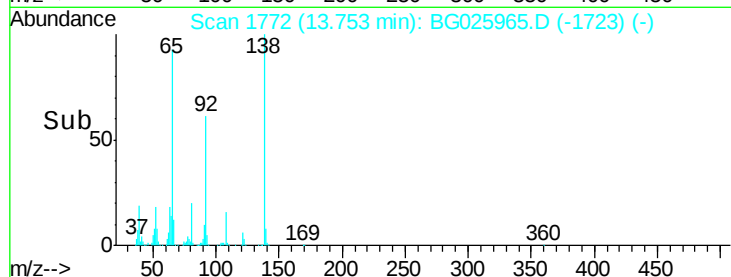
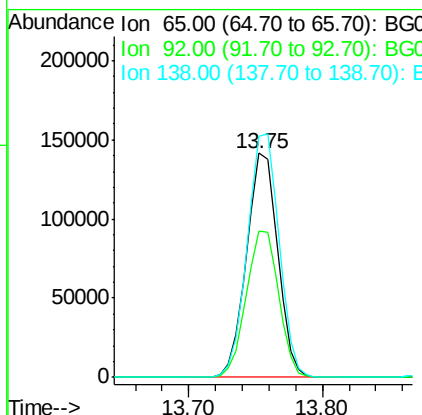
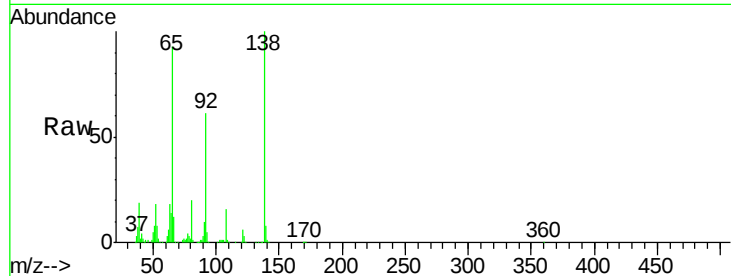




#47
2-Nitroaniline
Concen: 46.43 ng
RT: 13.75 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

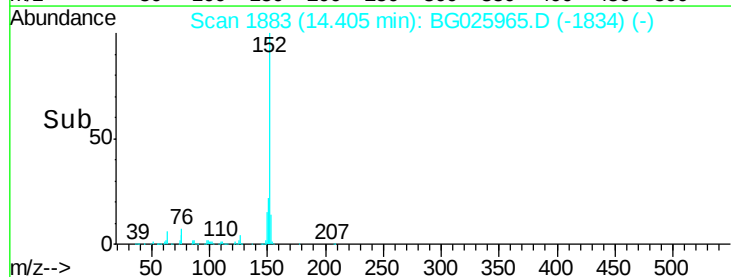
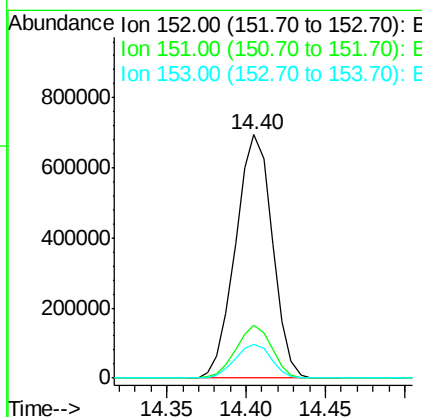
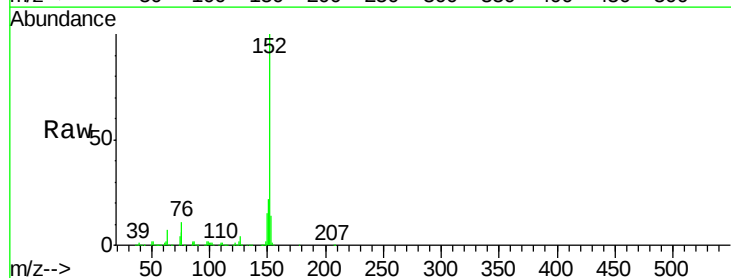
Instrument :
BNA_G
ClientSampleId :
PB97193BS

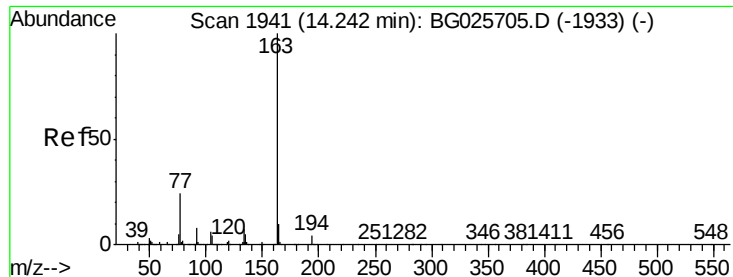
Tgt Ion: 65 Resp: 228726
Ion Ratio Lower Upper
65 100
92 65.6 49.0 73.4
138 107.6 58.6 87.8#



#48
Acenaphthylene
Concen: 40.43 ng
RT: 14.40 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

Tgt Ion: 152 Resp: 1118157
Ion Ratio Lower Upper
152 100
151 21.8 18.2 27.2
153 13.9 11.3 16.9





#49

Dimethylphthalate

Concen: 43.85 ng

RT: 14.13 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

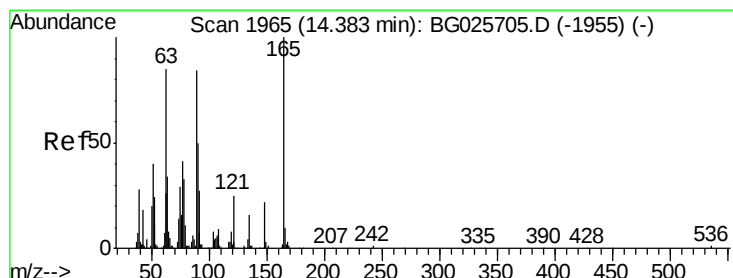
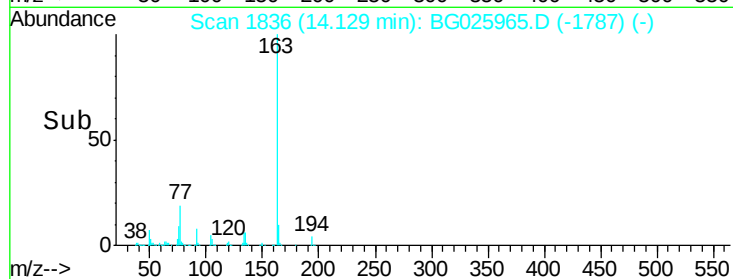
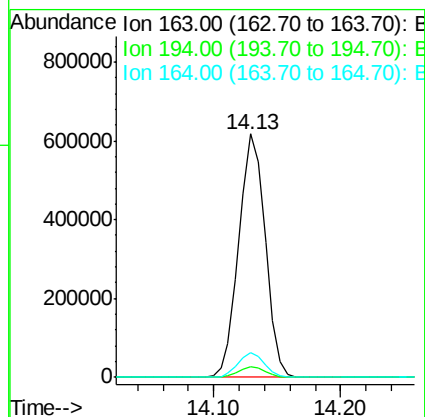
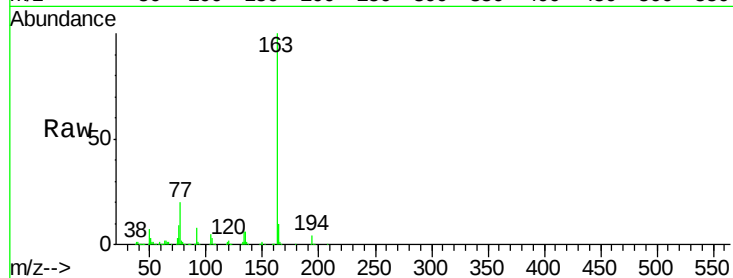
Instrument :

BNA_G

ClientSampleId :

PB97193BS

Tgt Ion:163	Resp:	891834
Ion Ratio	Lower	Upper
163	100	
194	4.4	3.8 5.6
164	10.3	9.3 13.9



#50

2,6-Dinitrotoluene

Concen: 45.55 ng

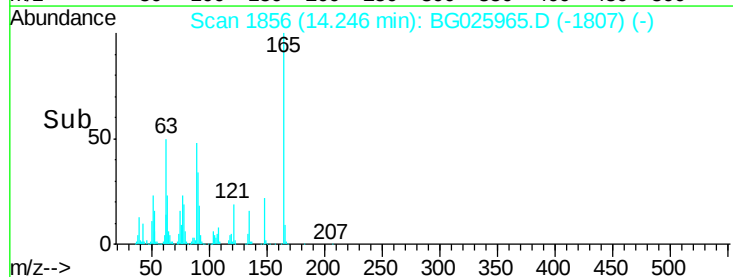
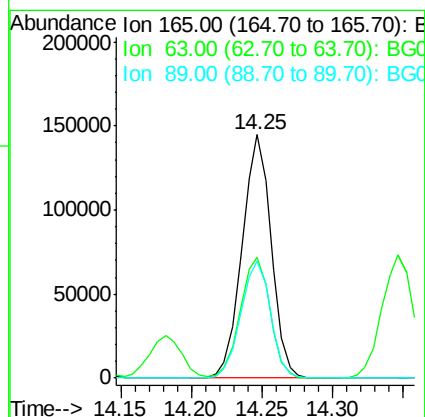
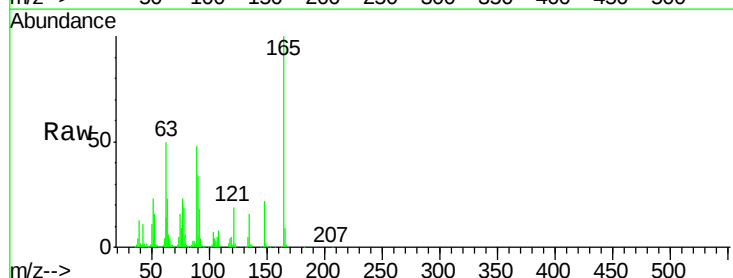
RT: 14.25 min Scan# 1856

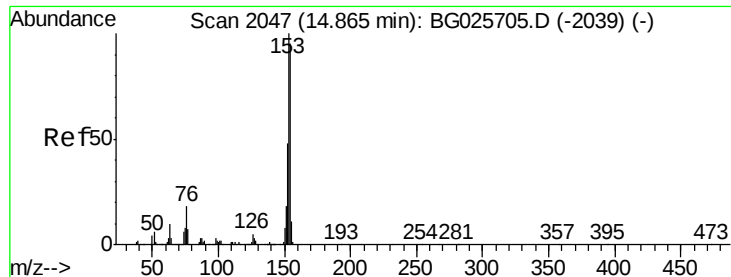
Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Tgt Ion:165	Resp:	208106
Ion Ratio	Lower	Upper
165	100	
63	49.8	63.9 95.9#
89	47.8	58.6 88.0#





#51

Acenaphthene

Concen: 44.81 ng

RT: 14.75 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

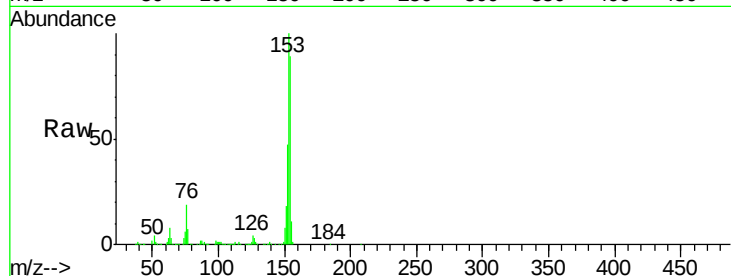
Tgt Ion:154 Resp: 818353

Ion Ratio Lower Upper

154 100

153 112.3 87.8 131.6

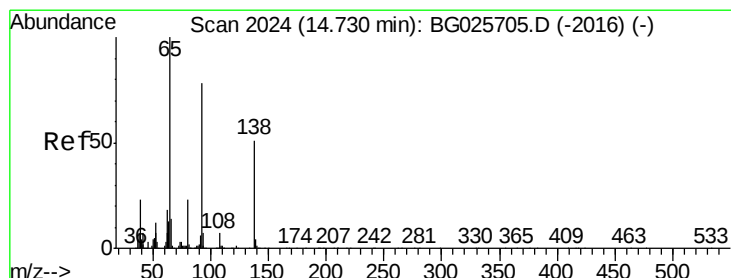
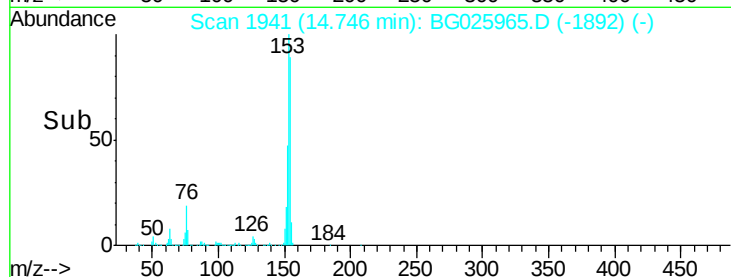
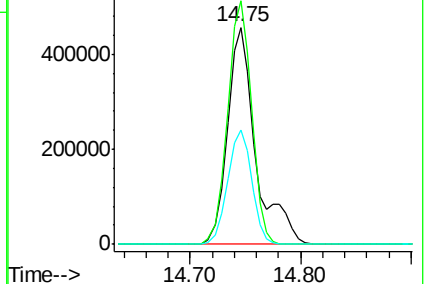
152 52.6 42.2 63.4



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: 24.08 ng

RT: 14.57 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

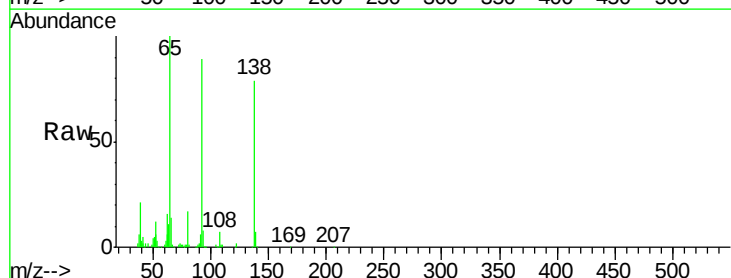
Tgt Ion:138 Resp: 123060

Ion Ratio Lower Upper

138 100

108 8.7 10.9 16.3#

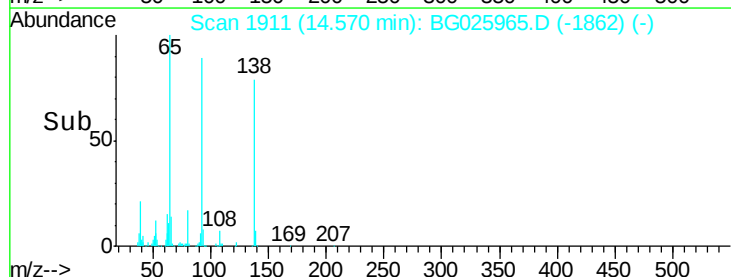
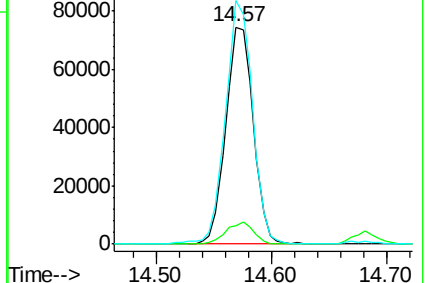
92 112.0 115.3 172.9#

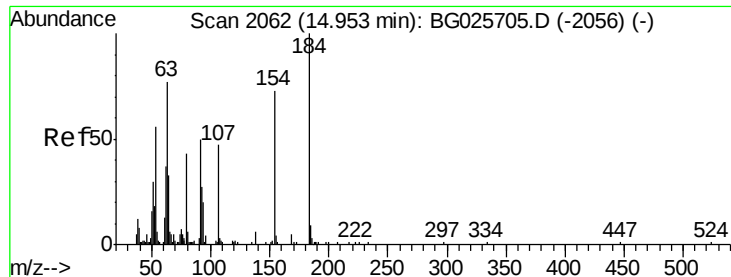


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 98.57 ng

RT: 14.78 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

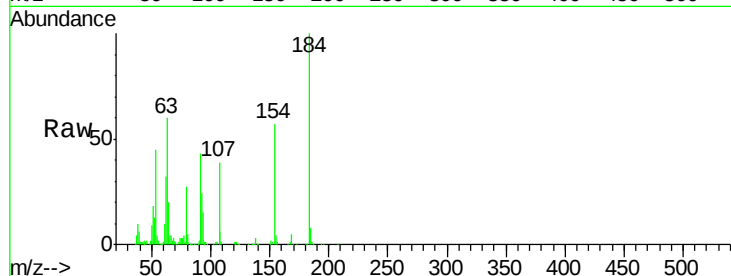
Tgt Ion:184 Resp: 235650

Ion Ratio Lower Upper

184 100

63 60.2 52.7 79.1

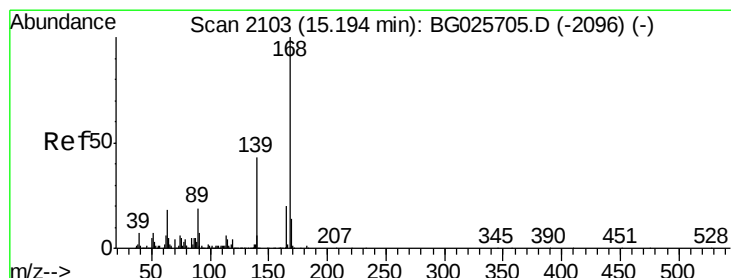
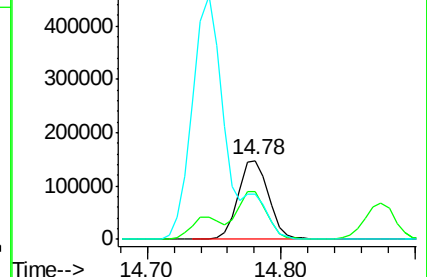
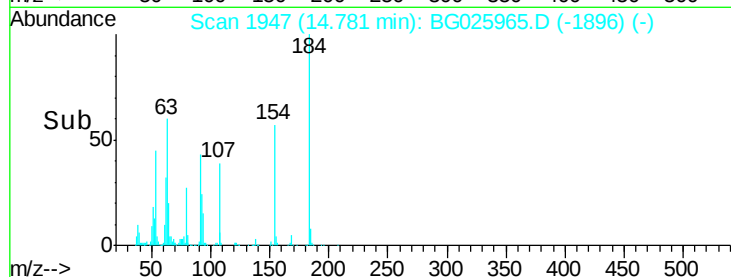
154 56.9 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.67 ng

RT: 15.07 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

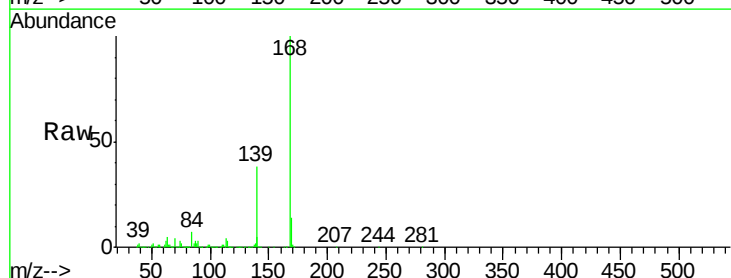
Tgt Ion:168 Resp: 1087531

Ion Ratio Lower Upper

168 100

139 37.6 35.3 52.9

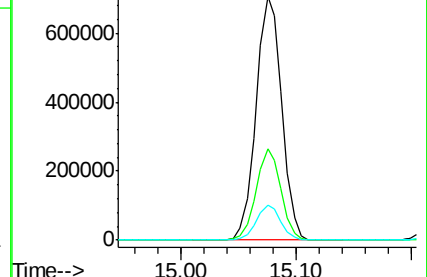
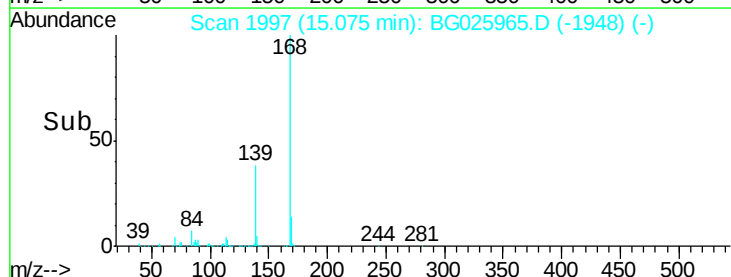
169 14.4 11.5 17.3

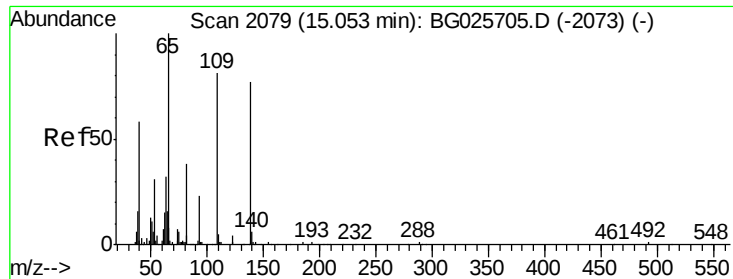


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 99.12 ng

RT: 14.88 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

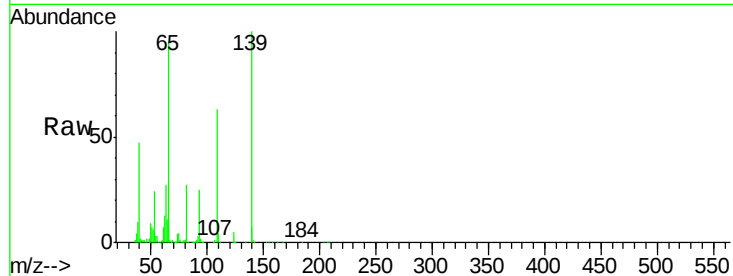
Tgt Ion:139 Resp: 412235

Ion Ratio Lower Upper

139 100

109 62.6 101.2 141.2#

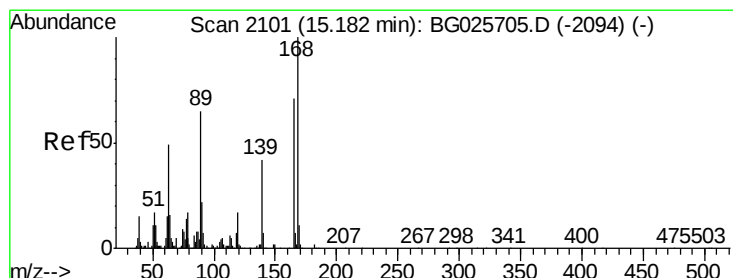
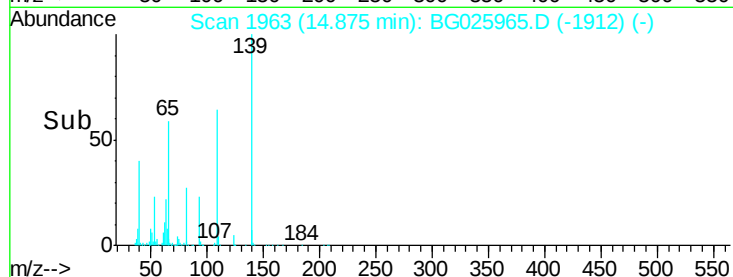
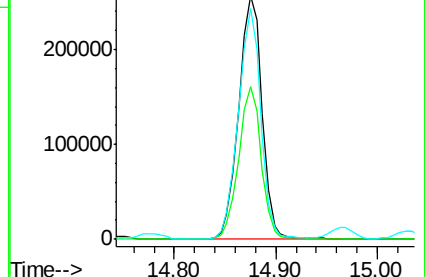
65 94.9 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 49.66 ng

RT: 15.03 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Tgt Ion:165 Resp: 305228

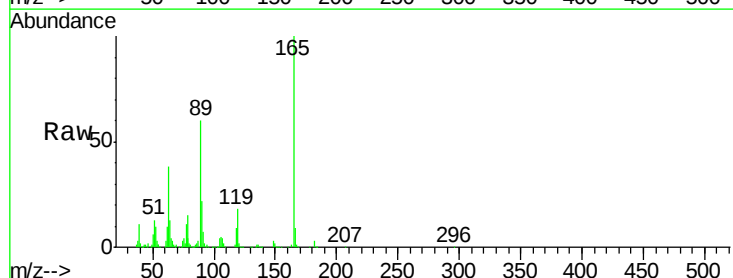
Ion Ratio Lower Upper

165 100

63 37.6 44.0 66.0#

89 60.0 67.3 100.9#

182 2.6 3.8 5.6#

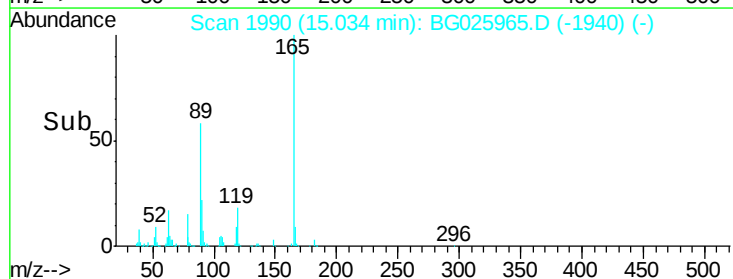
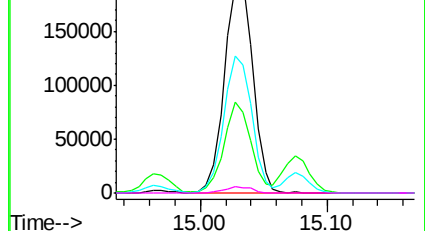


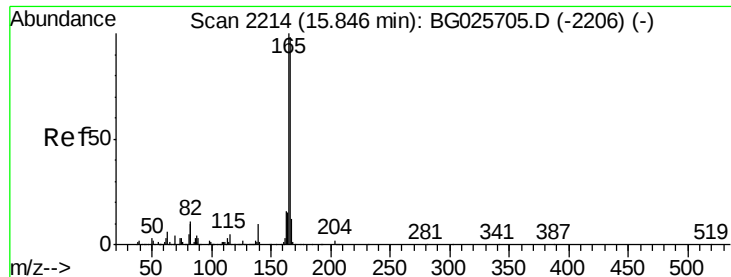
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.89 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

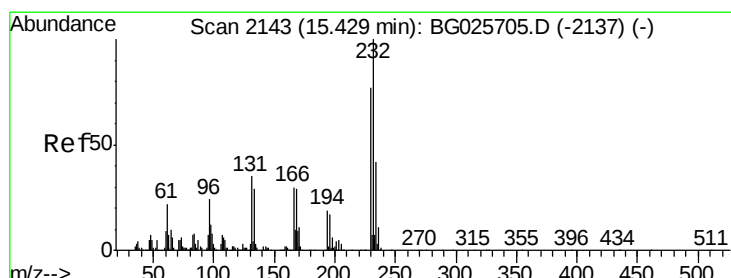
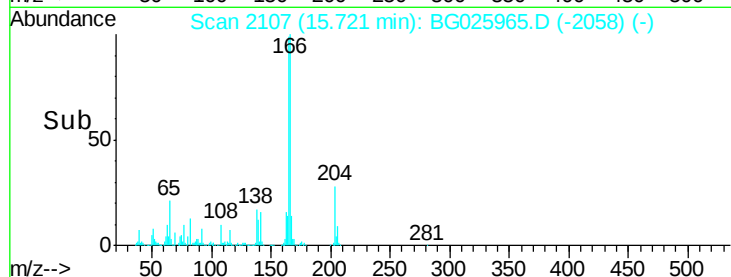
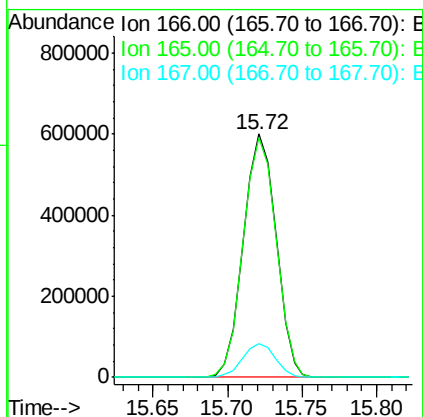
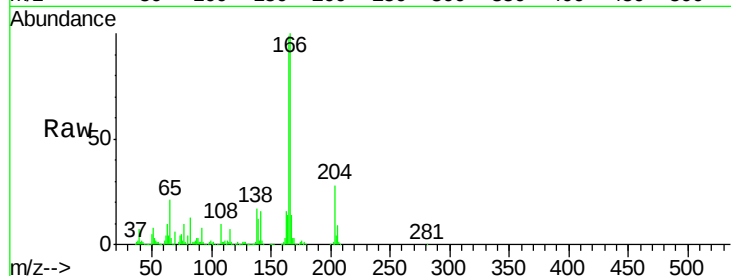
Tgt Ion:166 Resp: 911389

Ion Ratio Lower Upper

166 100

165 98.6 78.6 117.8

167 13.8 11.6 17.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.01 ng

RT: 15.30 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Tgt Ion:232 Resp: 245135

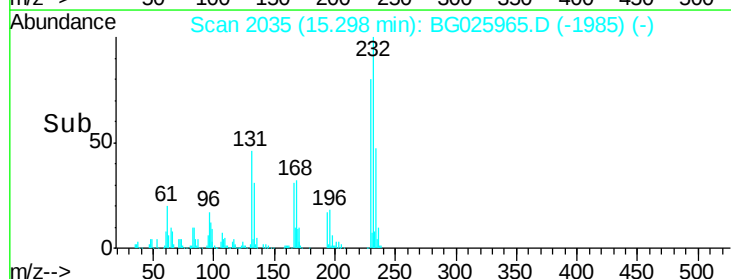
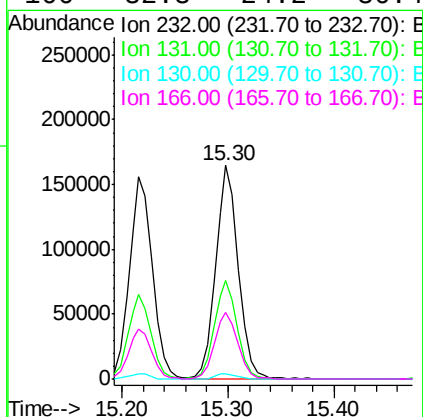
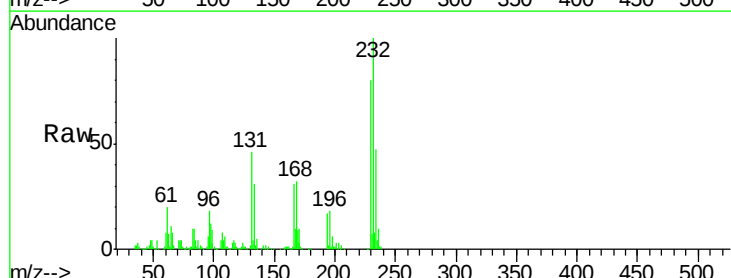
Ion Ratio Lower Upper

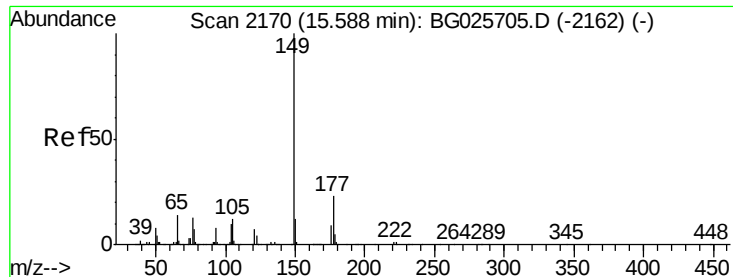
232 100

131 46.0 34.9 52.3

130 2.5 2.3 3.5

166 32.3 24.2 36.4

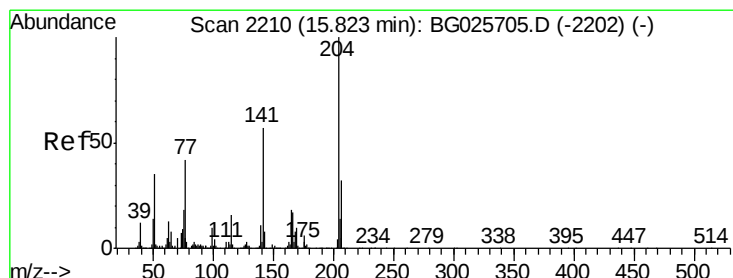
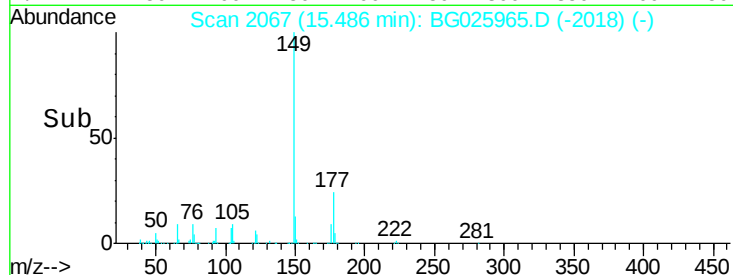
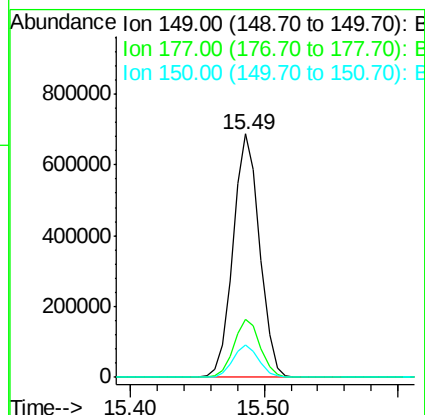
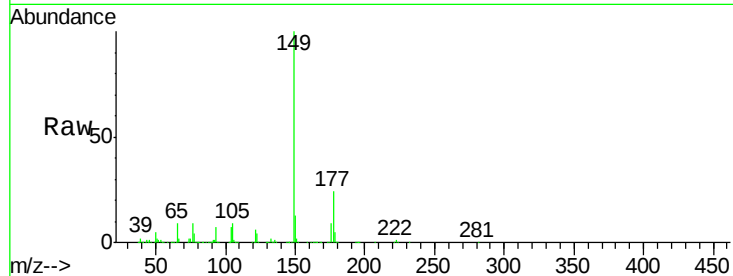




#59
Diethylphthalate
Concen: 45.18 ng
RT: 15.49 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

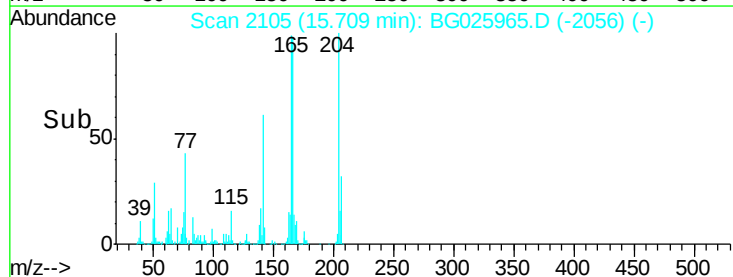
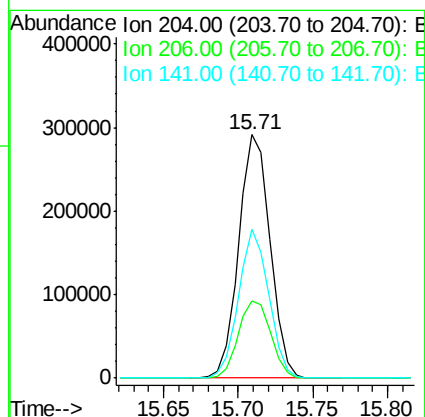
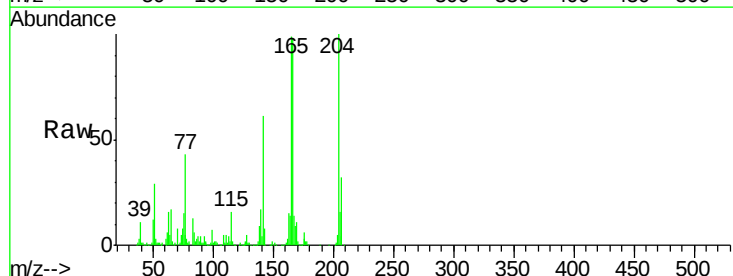
Instrument :
BNA_G
ClientSampleId :
PB97193BS

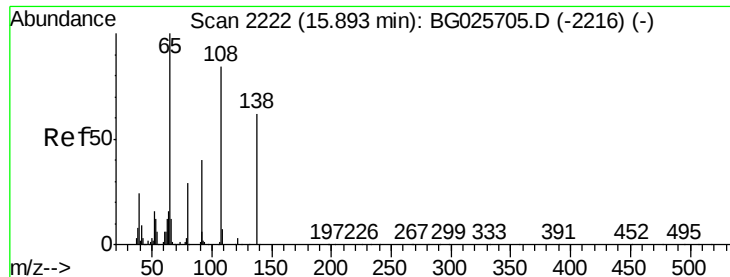
Tgt Ion:149 Resp: 950446
Ion Ratio Lower Upper
149 100
177 24.1 20.1 30.1
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.18 ng
RT: 15.71 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

Tgt Ion:204 Resp: 425179
Ion Ratio Lower Upper
204 100
206 31.9 30.1 45.1
141 60.9 50.6 76.0

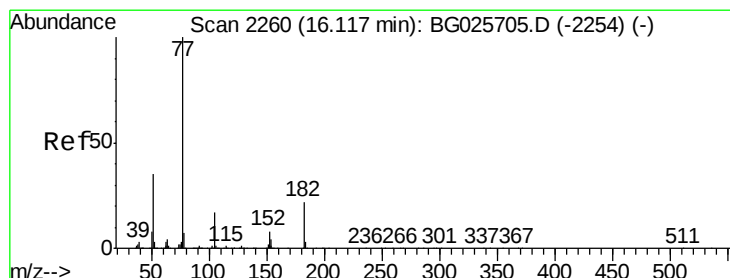
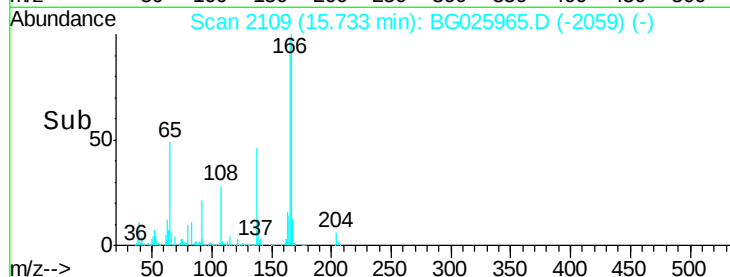
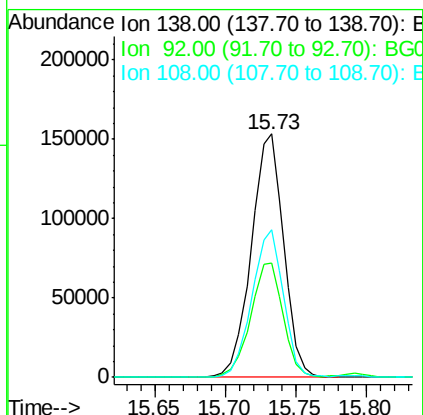
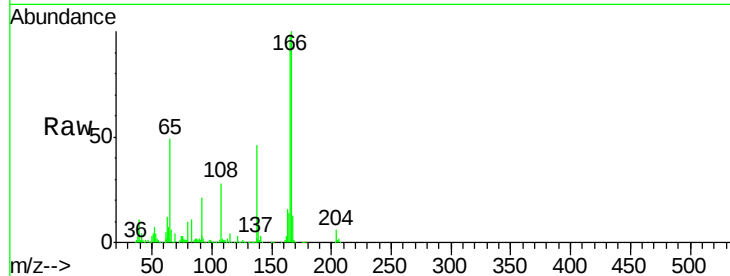




#61
4-Nitroaniline
Concen: 46.55 ng
RT: 15.73 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

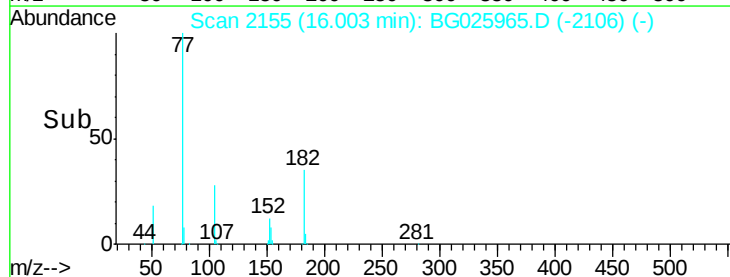
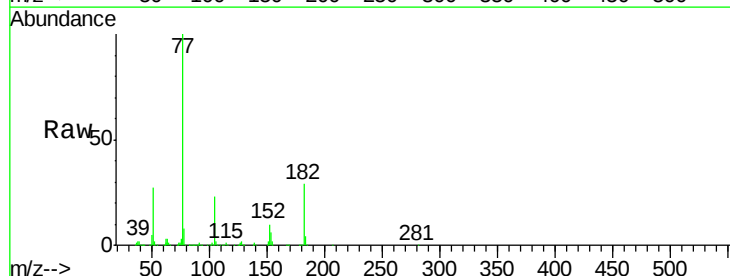
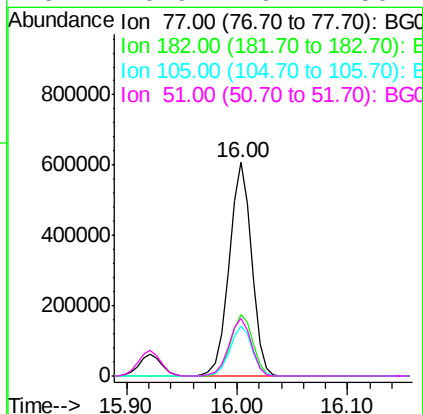
Instrument :
BNA_G
ClientSampleId :
PB97193BS

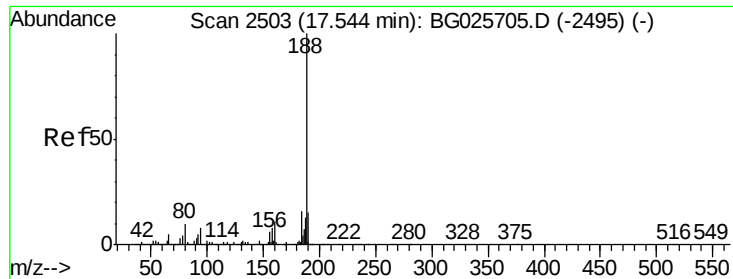
Tgt Ion: 138 Resp: 246582
Ion Ratio Lower Upper
138 100
92 46.9 44.2 84.2
108 60.7 104.8 144.8#



#62
Azobenzene
Concen: 47.73 ng
RT: 16.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

Tgt Ion: 77 Resp: 863001
Ion Ratio Lower Upper
77 100
182 29.0 4.7 44.7
105 23.2 0.0 36.3
51 26.9 16.4 56.4

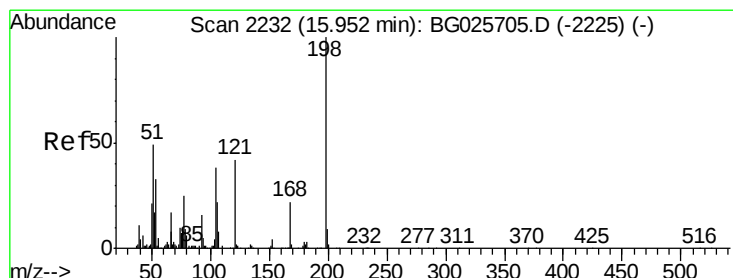
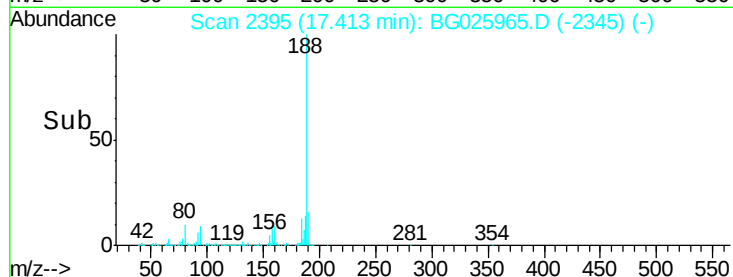
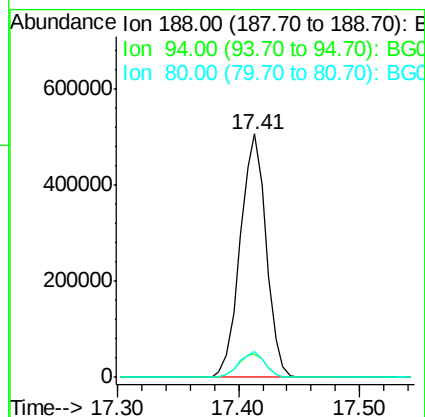
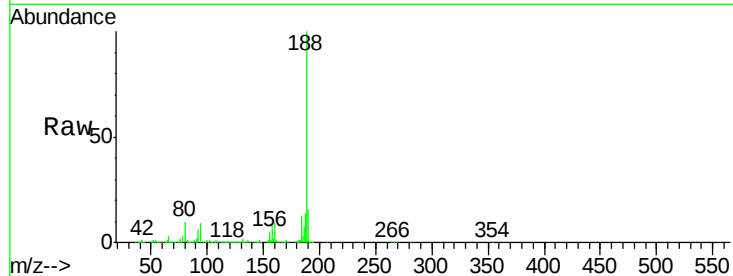




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

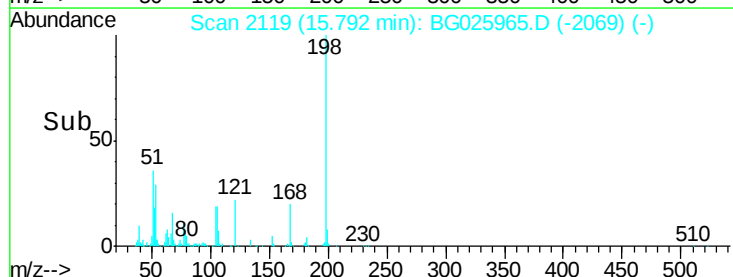
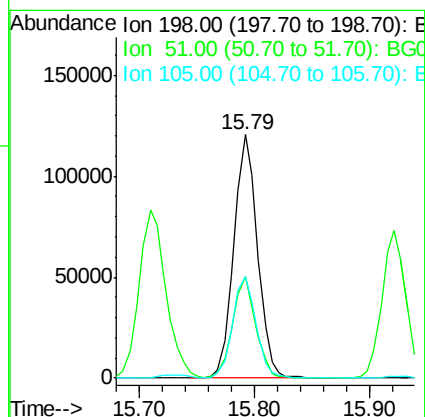
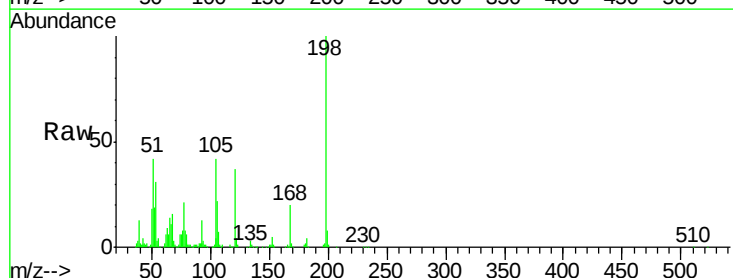
Instrument :
BNA_G
ClientSampleId :
PB97193BS

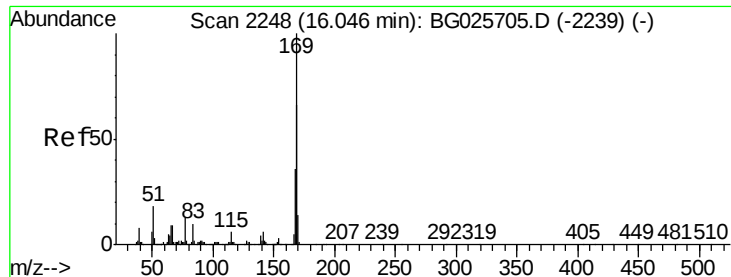
Tgt Ion:188 Resp: 758217
Ion Ratio Lower Upper
188 100
94 9.4 5.8 8.8#
80 10.4 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 38.62 ng
RT: 15.79 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

Tgt Ion:198 Resp: 171345
Ion Ratio Lower Upper
198 100
51 41.7 22.6 62.6
105 41.8 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 36.60 ng

RT: 15.92 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

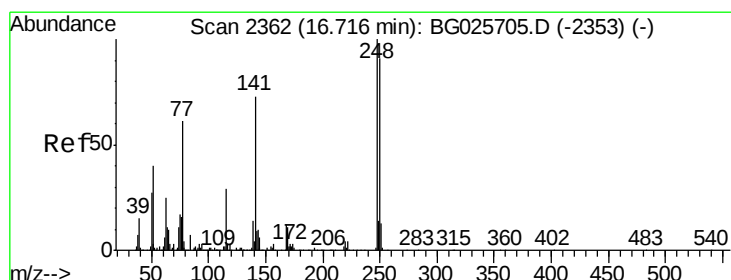
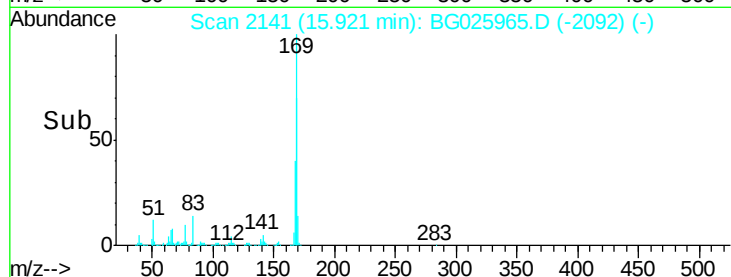
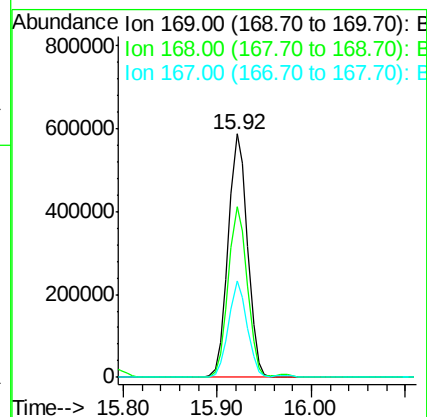
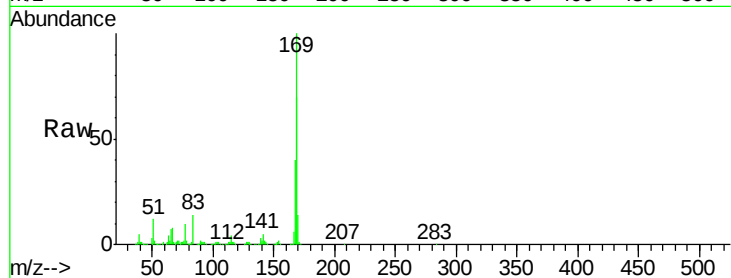
Tgt Ion:169 Resp: 841594

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

167 39.5 29.8 44.6



#66

4-Bromophenyl-phenylether

Concen: 36.33 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

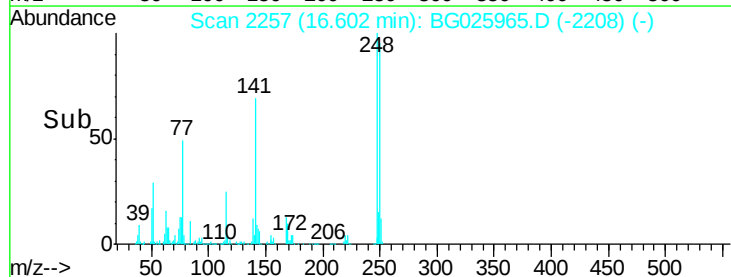
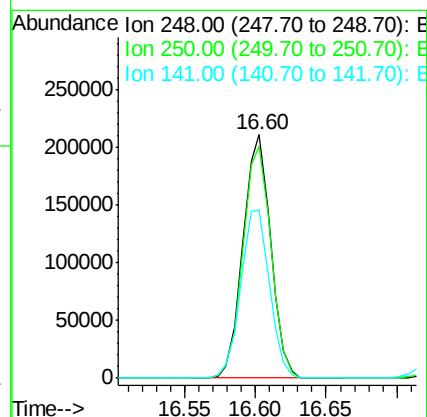
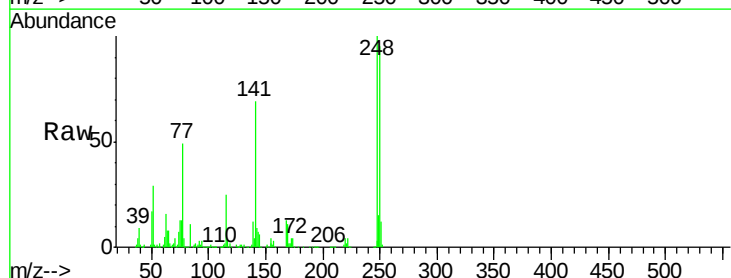
Tgt Ion:248 Resp: 288717

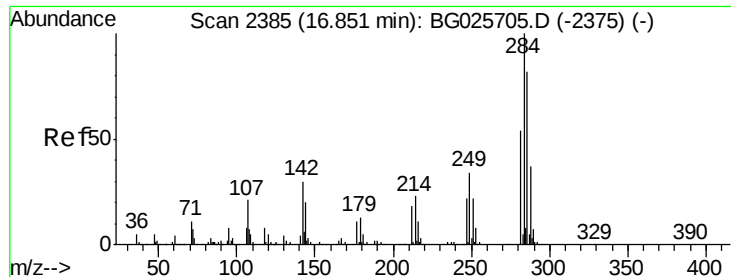
Ion Ratio Lower Upper

248 100

250 95.5 75.0 112.6

141 69.0 55.2 82.8





#67

Hexachlorobenzene

Concen: 36.14 ng

RT: 16.73 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

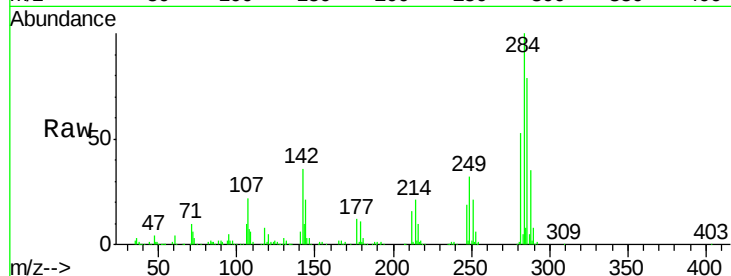
Tgt Ion:284 Resp: 296037

Ion Ratio Lower Upper

284 100

142 36.3 29.9 44.9

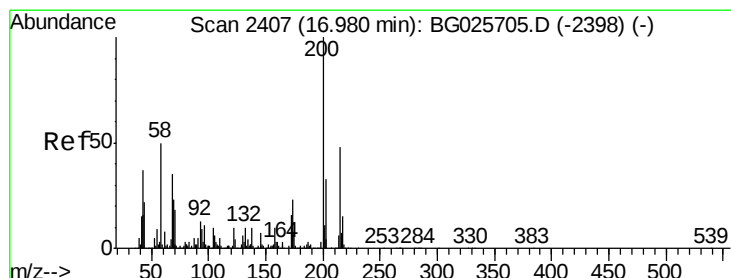
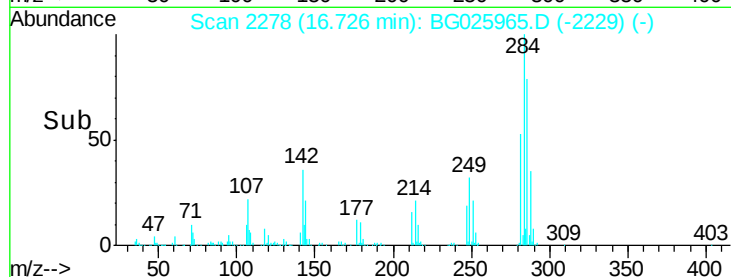
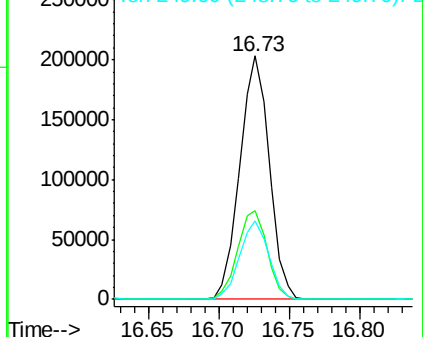
249 32.2 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.13 ng

RT: 16.86 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

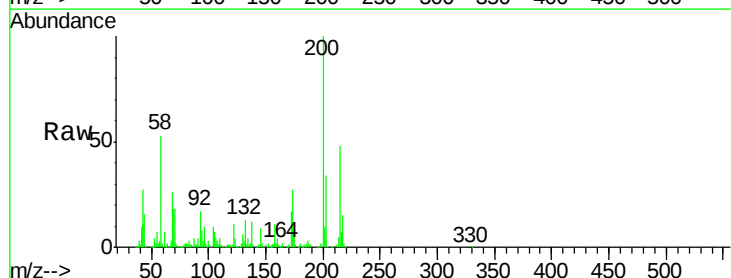
Tgt Ion:200 Resp: 310314

Ion Ratio Lower Upper

200 100

173 26.7 3.0 43.0

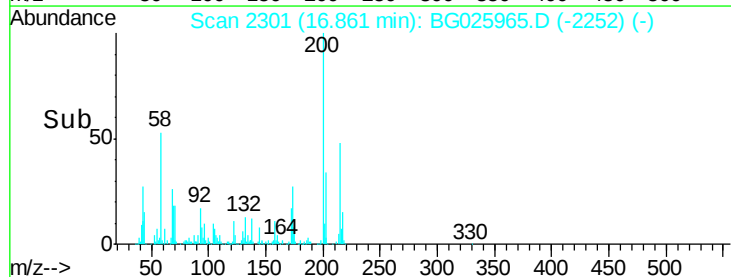
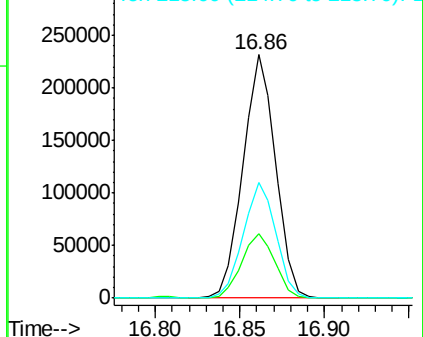
215 47.6 28.4 68.4

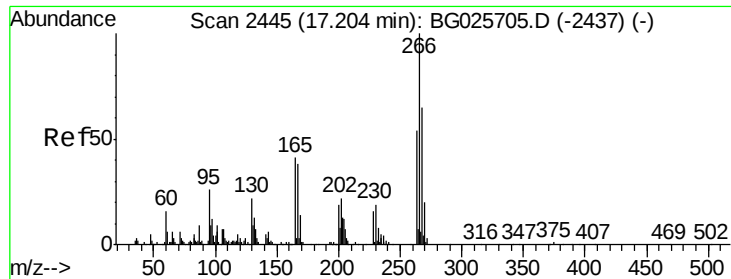


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 75.82 ng

RT: 17.06 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

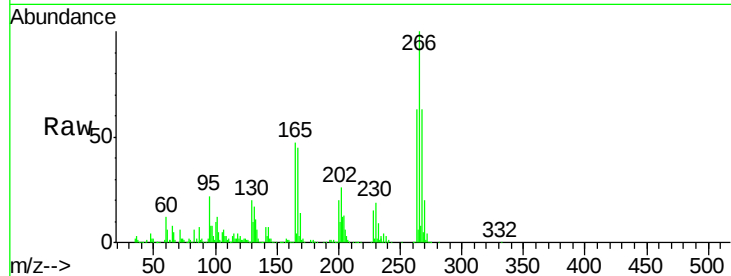
Tgt Ion:266 Resp: 383058

Ion Ratio Lower Upper

266 100

268 63.2 48.6 72.8

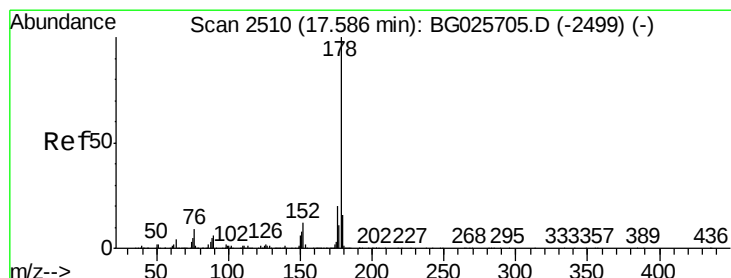
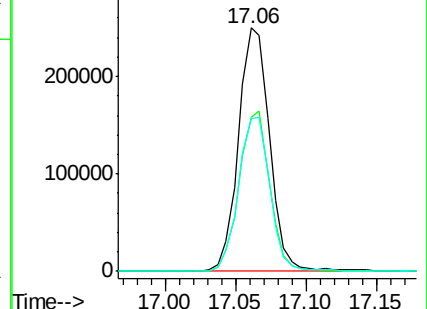
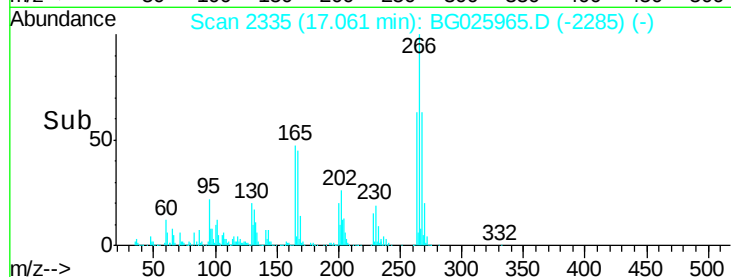
264 62.6 50.1 75.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 36.14 ng

RT: 17.45 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

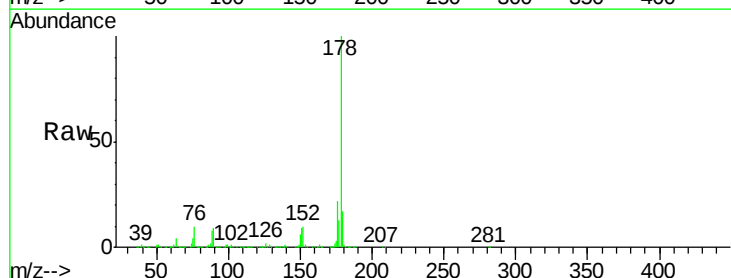
Tgt Ion:178 Resp: 1487471

Ion Ratio Lower Upper

178 100

176 21.5 17.7 26.5

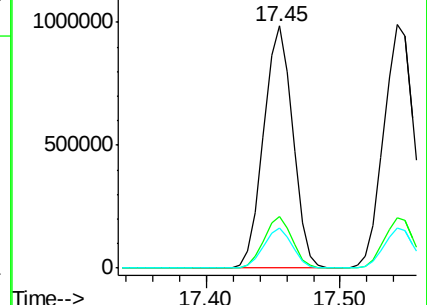
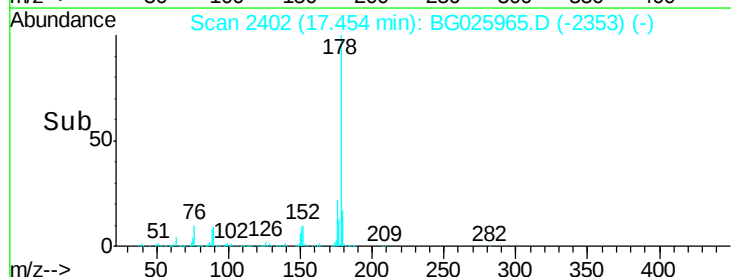
179 16.7 15.0 22.6

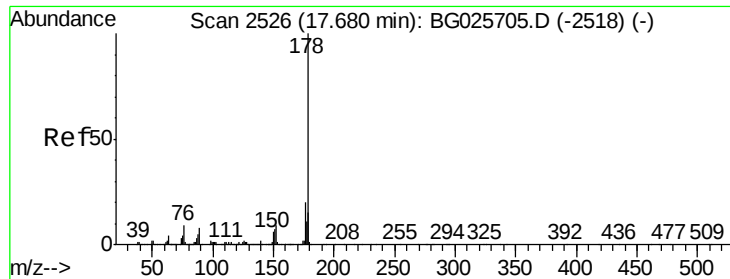


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 36.96 ng

RT: 17.54 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

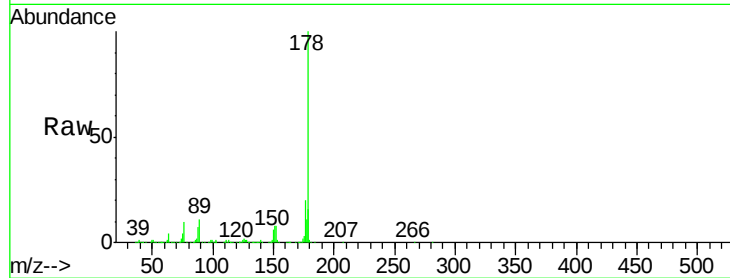
BNA_G

ClientSampleId :

PB97193BS

Tgt Ion:178 Resp: 1550798

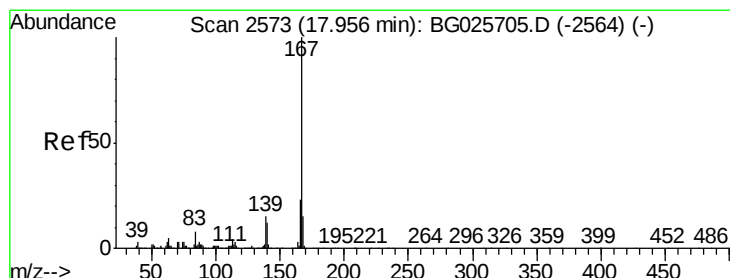
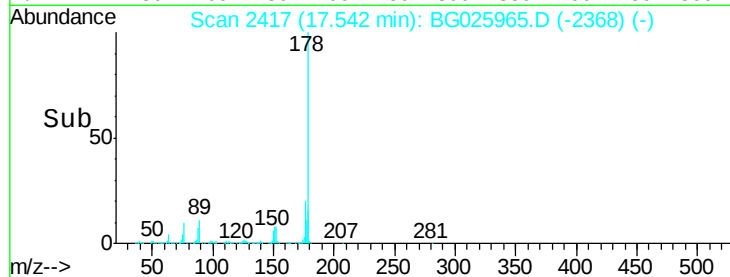
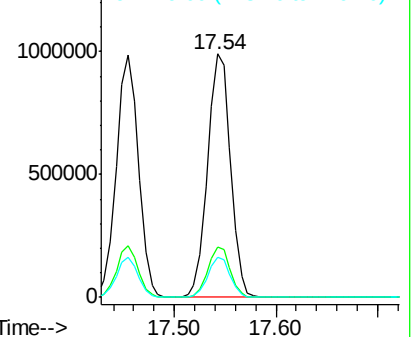
Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.4	24.6
179	16.3	13.8	20.8



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: 34.54 ng

RT: 17.81 min Scan# 2462

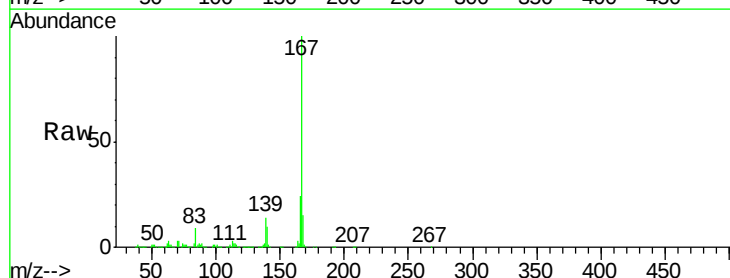
Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Tgt Ion:167 Resp: 1455900

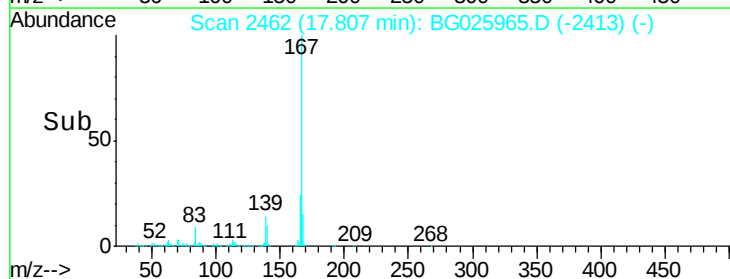
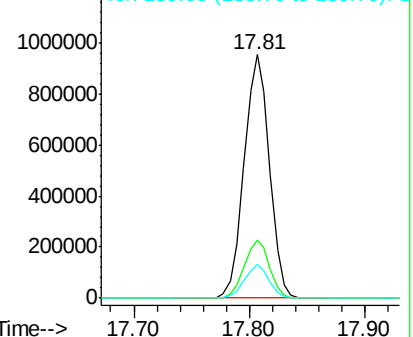
Ion	Ratio	Lower	Upper
167	100		
166	23.8	20.2	30.2
139	13.8	12.8	19.2



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

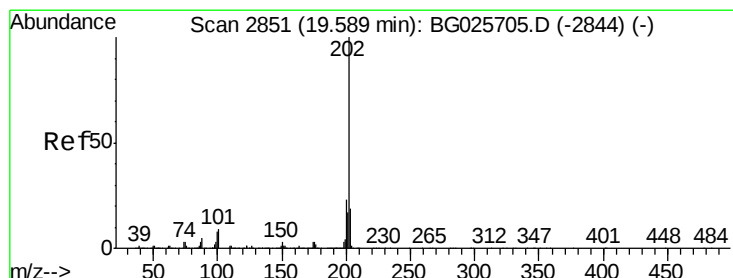
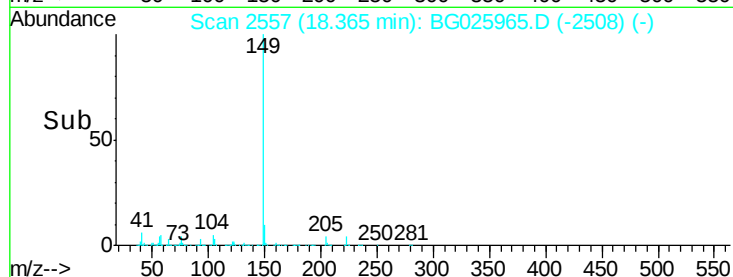
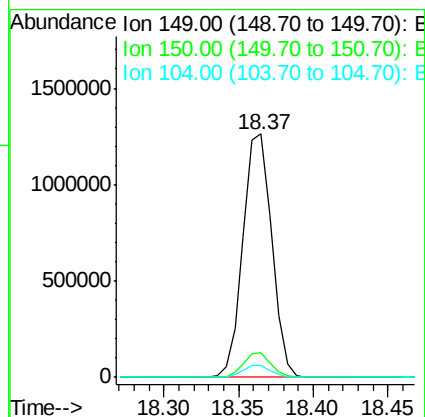
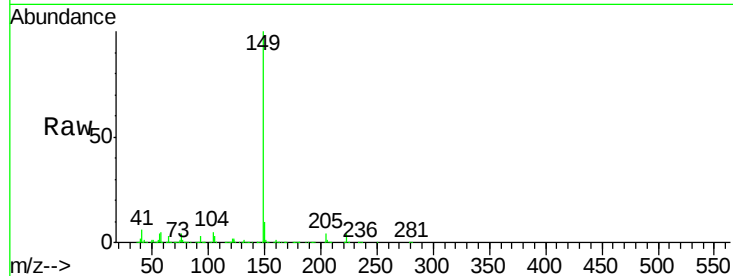




#73
Di-n-butylphthalate
Concen: 40.81 ng
RT: 18.37 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

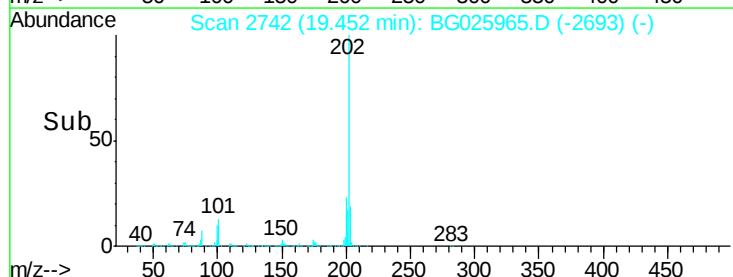
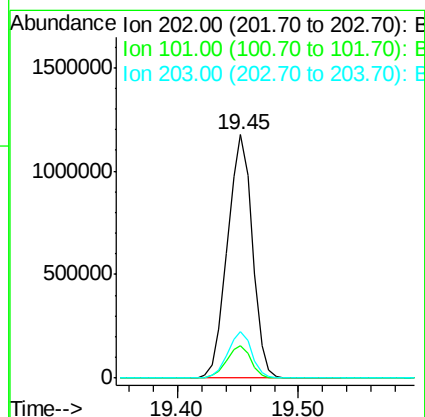
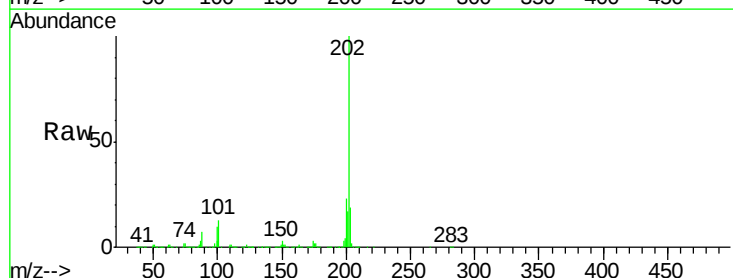
Instrument :
BNA_G
ClientSampleId :
PB97193BS

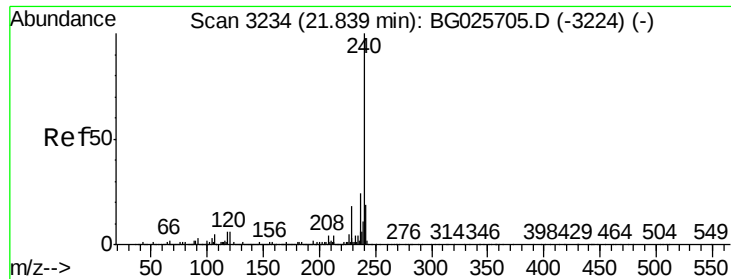
Tgt Ion:149 Resp: 1688884
Ion Ratio Lower Upper
149 100
150 10.1 9.1 13.7
104 4.8 6.7 10.1#



#74
Fluoranthene
Concen: 37.02 ng
RT: 19.45 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

Tgt Ion:202 Resp: 1677537
Ion Ratio Lower Upper
202 100
101 13.3 0.0 30.1
203 18.8 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

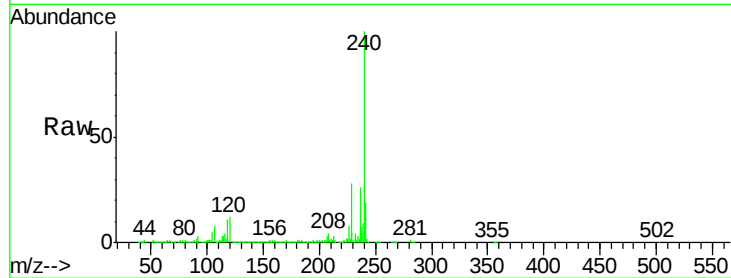
Tgt Ion:240 Resp: 762742

Ion Ratio Lower Upper

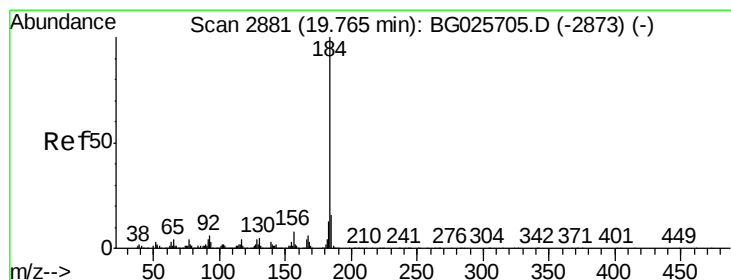
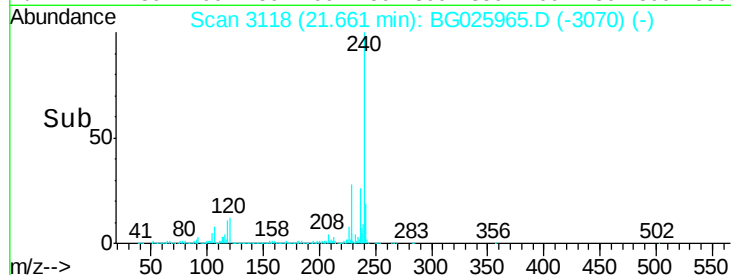
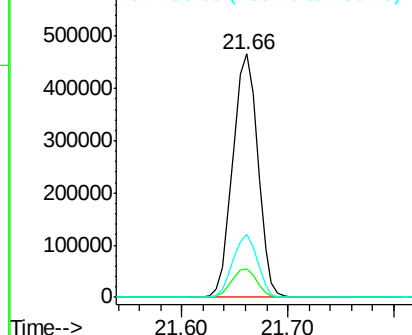
240 100

120 11.9 5.7 8.5#

236 26.0 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.50 ng

RT: 19.62 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

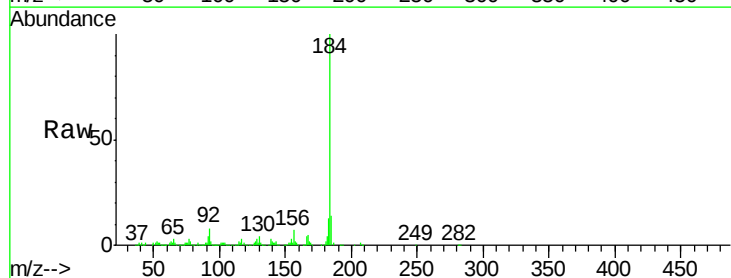
Tgt Ion:184 Resp: 445412

Ion Ratio Lower Upper

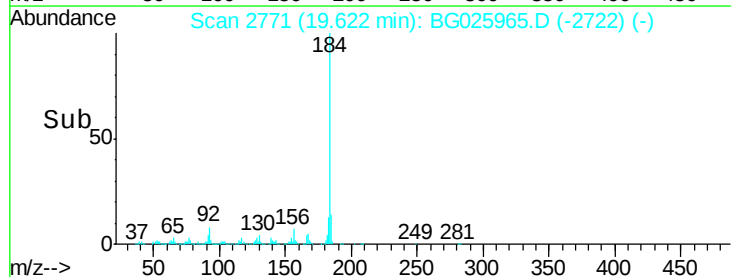
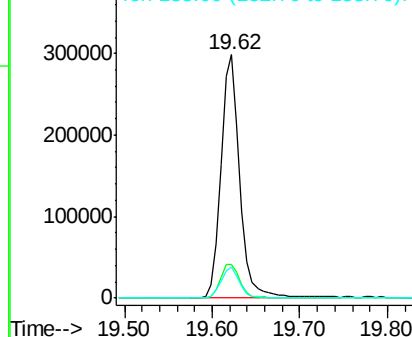
184 100

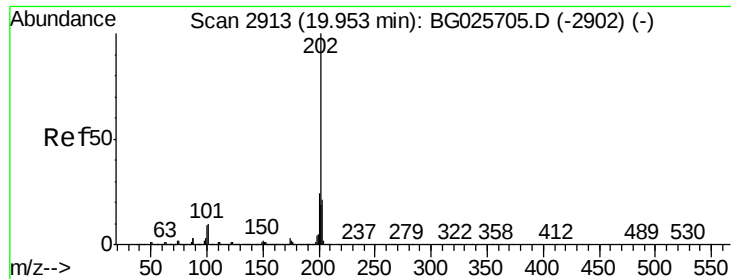
185 14.0 13.0 19.6

183 13.0 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

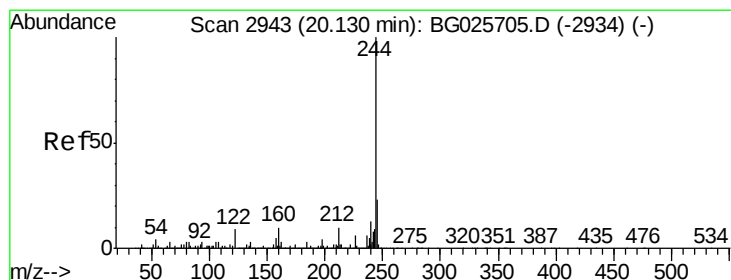
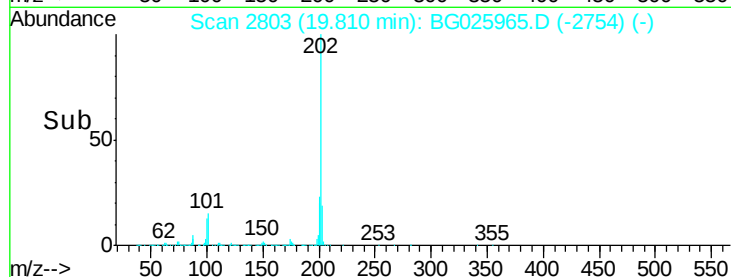
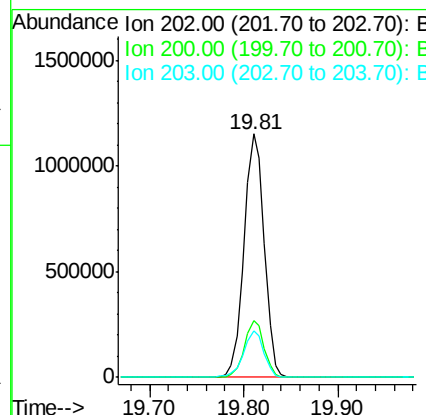
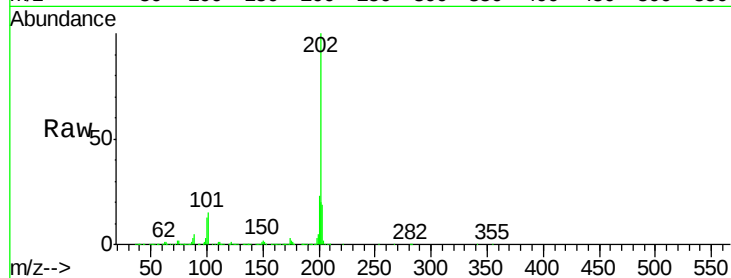




#77
 Pyrene
 Concen: 35.44 ng
 RT: 19.81 min Scan# 2803
 Delta R.T. -0.01 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

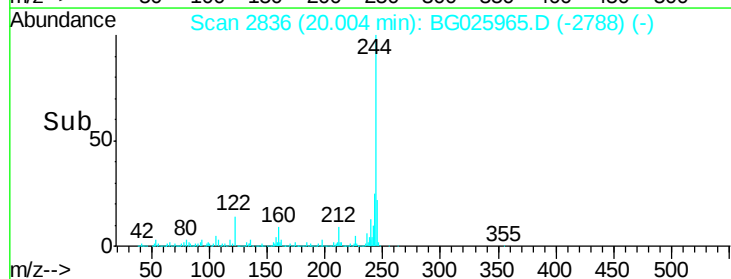
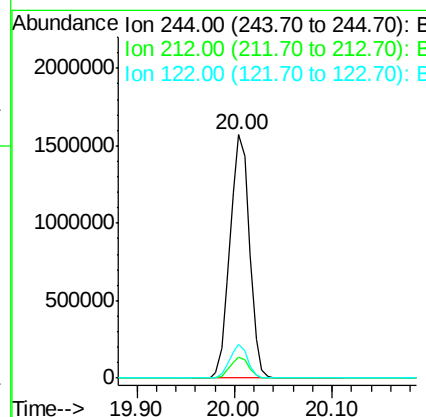
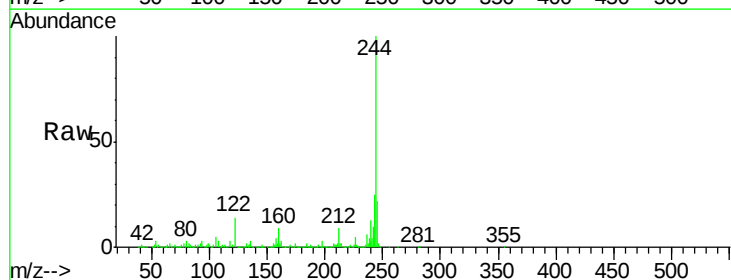
Instrument :
 BNA_G
 ClientSampleId :
 PB97193BS

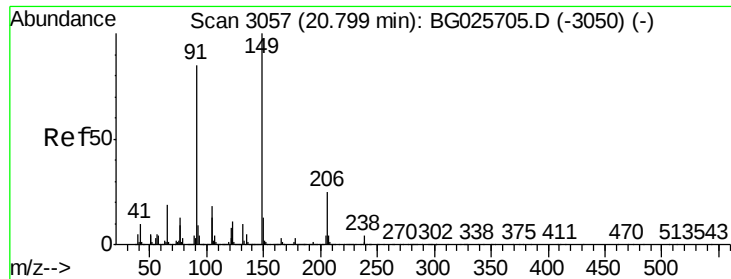
Tgt Ion: 202 Resp: 1709500
 Ion Ratio Lower Upper
 202 100
 200 23.3 19.6 29.4
 203 18.9 15.8 23.8



#78
 Terphenyl-d14
 Concen: 69.53 ng
 RT: 20.00 min Scan# 2836
 Delta R.T. -0.02 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

Tgt Ion: 244 Resp: 2180610
 Ion Ratio Lower Upper
 244 100
 212 8.8 10.0 15.0#
 122 14.1 8.6 12.8#





#79

Butylbenzylphthalate

Concen: 41.22 ng

RT: 20.69 min Scan# 2952

Delta R.T. -0.02 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

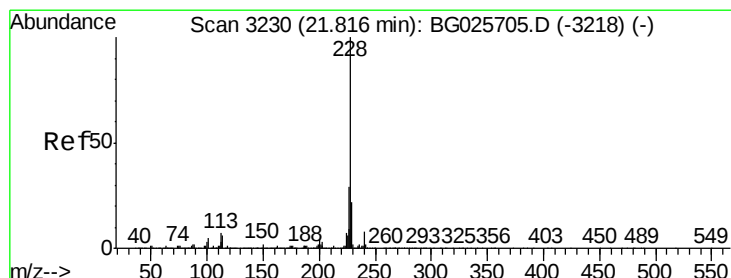
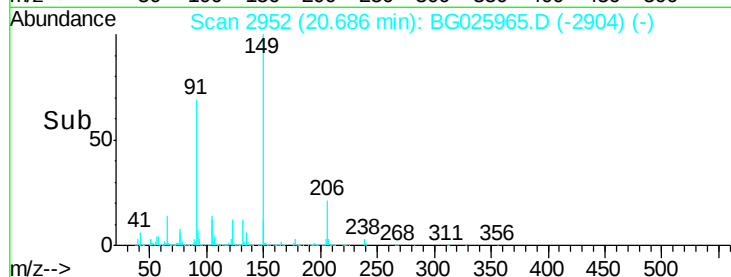
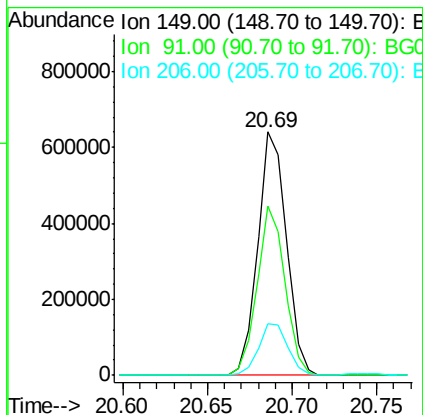
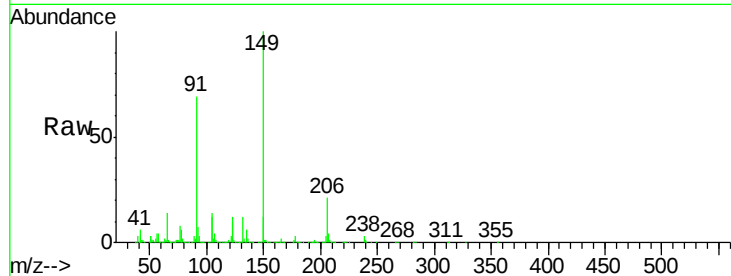
Instrument :

BNA_G

ClientSampleId :

PB97193BS

Tgt Ion:	149	Resp:	754610
Ion Ratio	Lower	Upper	
149	100		
91	69.4	63.5	95.3
206	21.1	21.0	31.6



#80

Benzo(a)anthracene

Concen: 35.86 ng

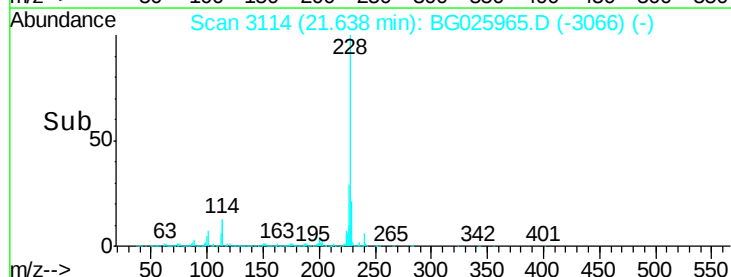
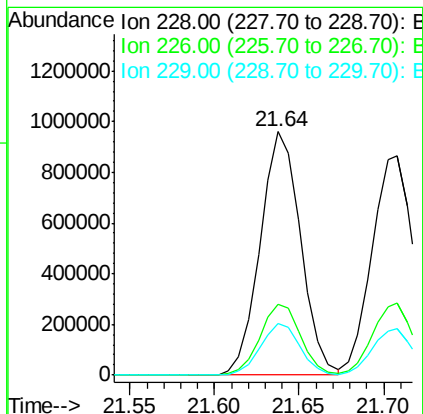
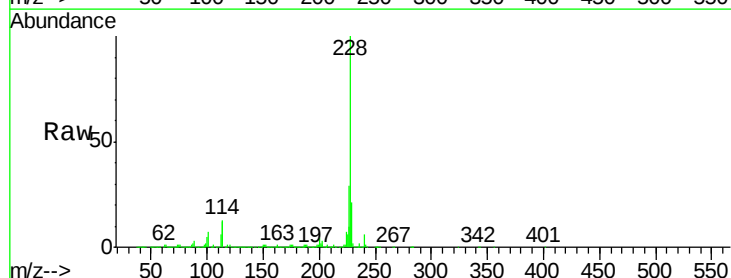
RT: 21.64 min Scan# 3114

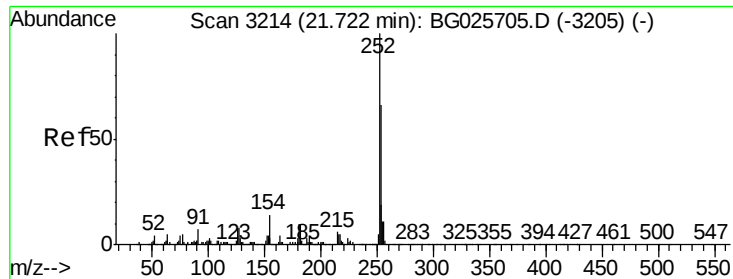
Delta R.T. -0.02 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Tgt Ion:	228	Resp:	1597159
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.9	37.3
229	21.3	18.2	27.2





#81

3,3'-Dichlorobenzidine

Concen: 21.63 ng

RT: 21.55 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

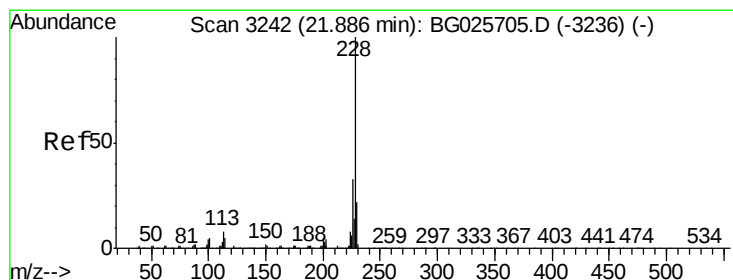
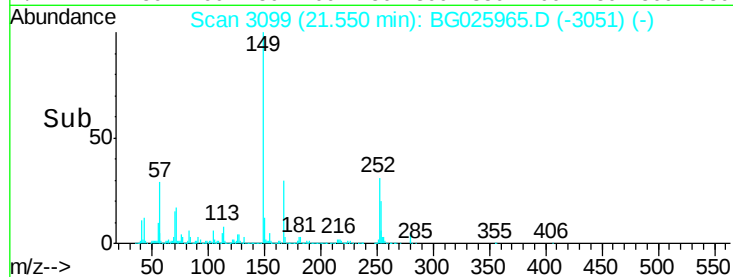
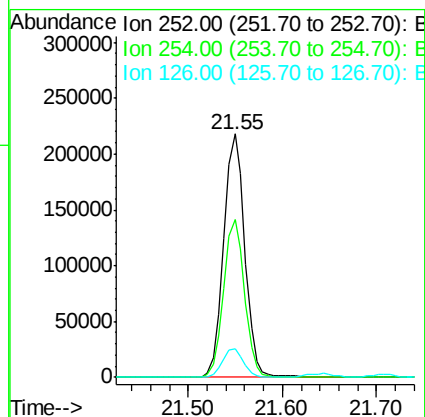
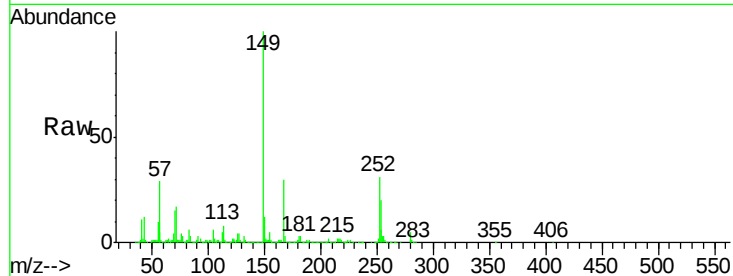
Tgt Ion:252 Resp: 343379

Ion Ratio Lower Upper

252 100

254 64.6 53.1 79.7

126 11.6 7.0 10.4#



#82

Chrysene

Concen: 34.49 ng

RT: 21.71 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

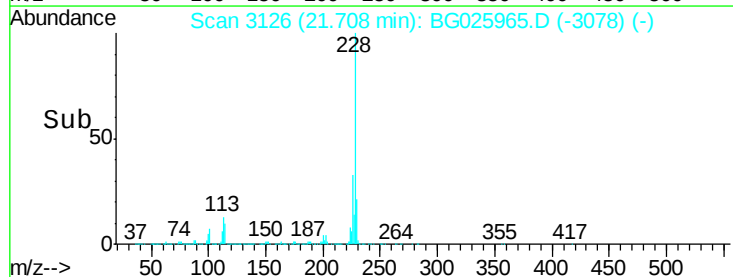
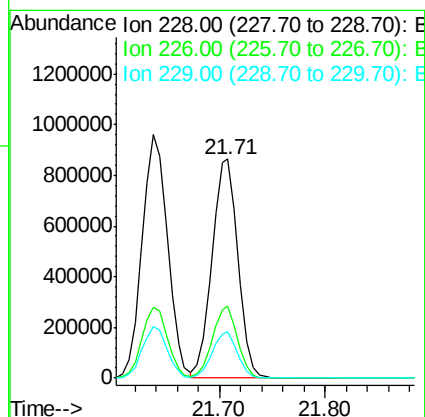
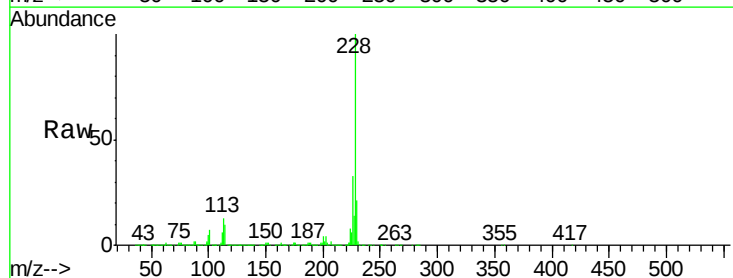
Tgt Ion:228 Resp: 1477157

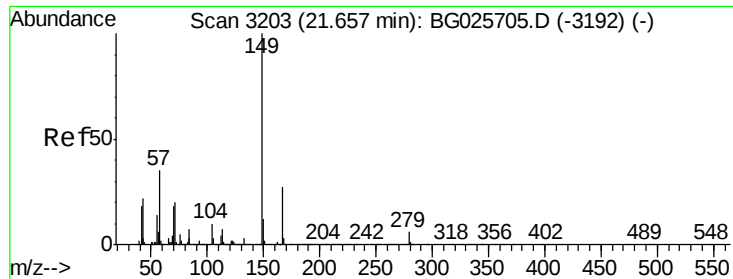
Ion Ratio Lower Upper

228 100

226 32.7 27.0 40.4

229 21.0 17.8 26.6

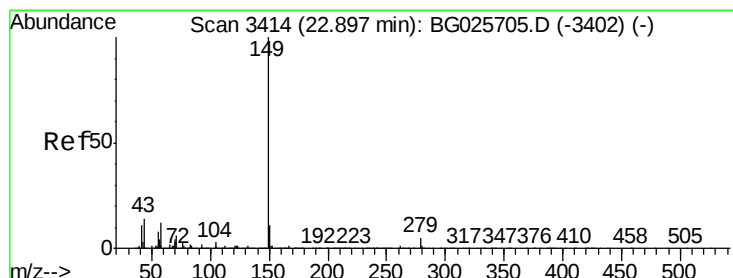
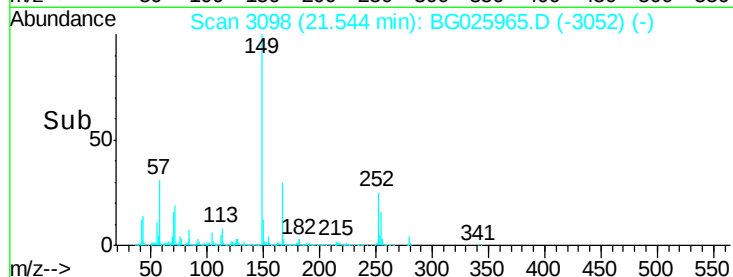
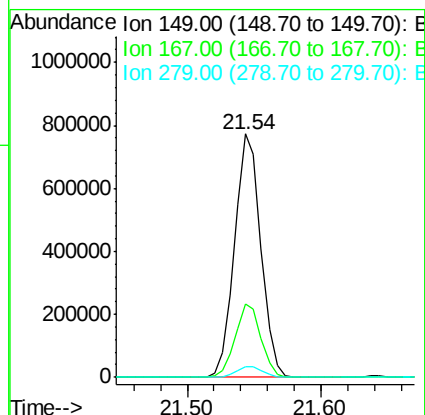
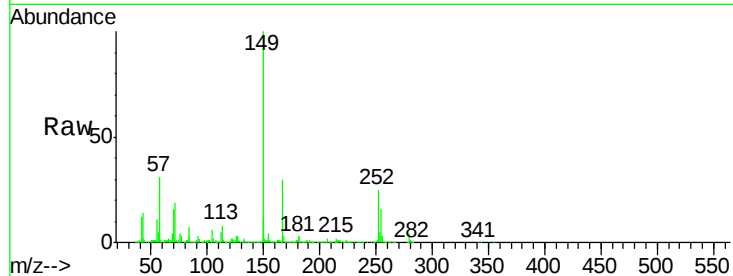




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.91 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.03 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

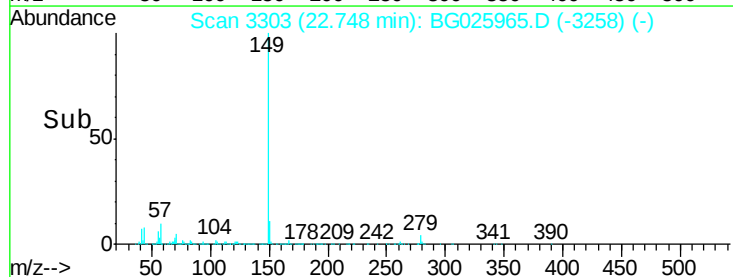
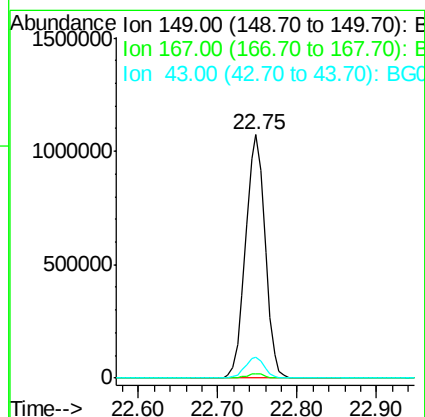
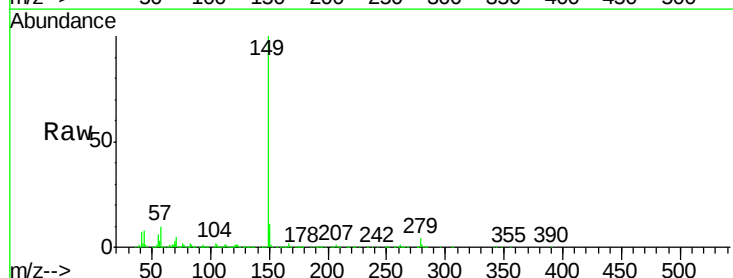
Instrument :
 BNA_G
 ClientSampleId :
 PB97193BS

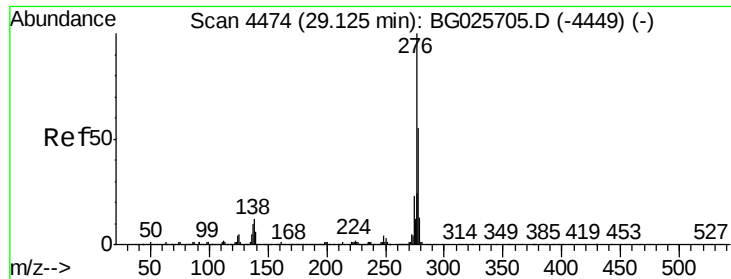
Tgt Ion:149 Resp: 1055066
 Ion Ratio Lower Upper
 149 100
 167 30.3 23.7 35.5
 279 4.5 4.6 6.8#



#84
 Di-n-octyl phthalate
 Concen: 41.96 ng
 RT: 22.75 min Scan# 3303
 Delta R.T. -0.03 min
 Lab File: BG025965.D
 Acq: 27 Feb 2017 15:53

Tgt Ion:149 Resp: 1831512
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 8.2 11.8 17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.42 ng

RT: 28.51 min Scan# 4283

Delta R.T. -0.04 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

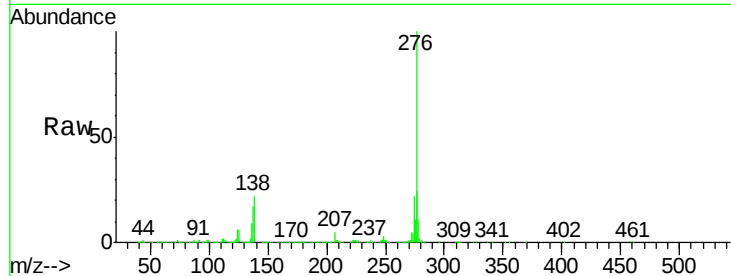
Tgt Ion:276 Resp: 1887366

Ion Ratio Lower Upper

276 100

138 28.2 4.7 7.1#

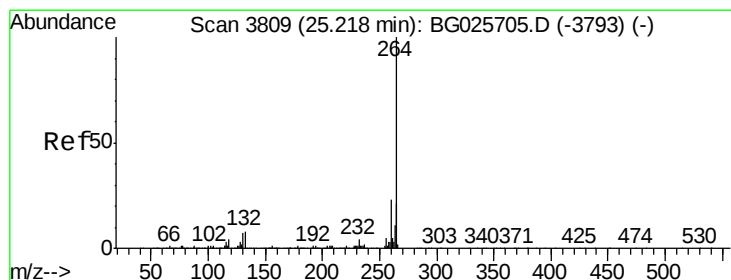
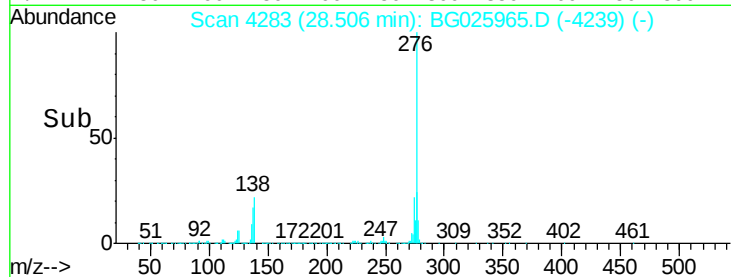
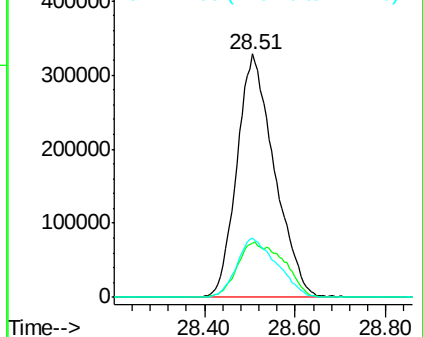
277 26.2 20.6 31.0



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: 24.86 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

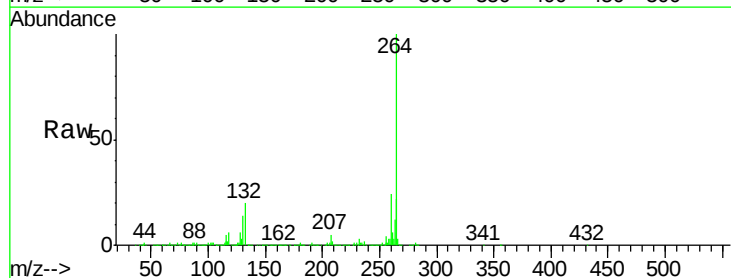
Tgt Ion:264 Resp: 747764

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

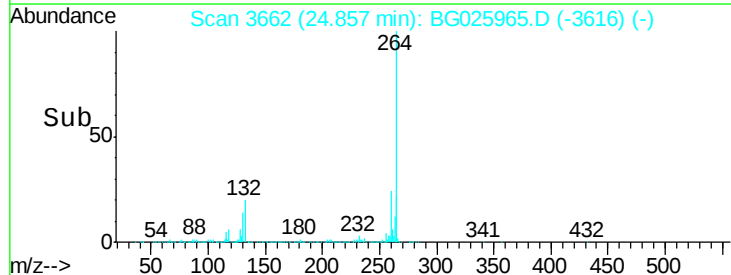
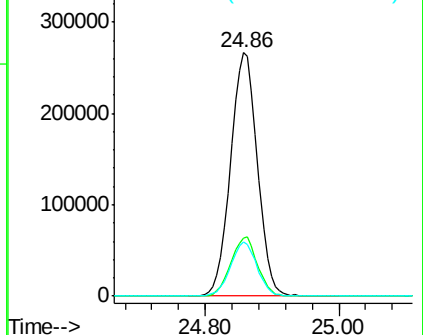
265 22.5 18.2 27.4

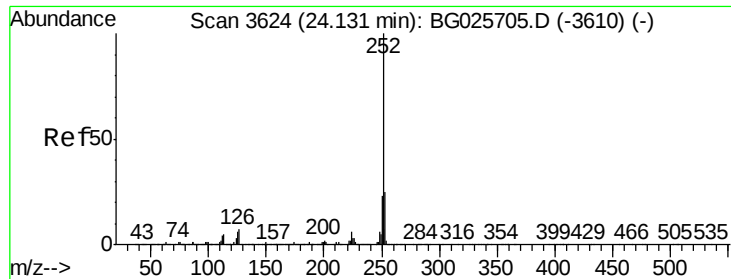


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

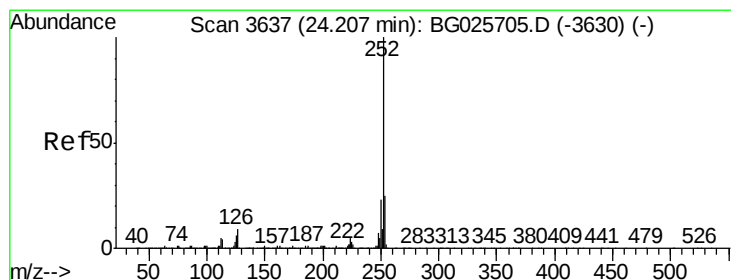
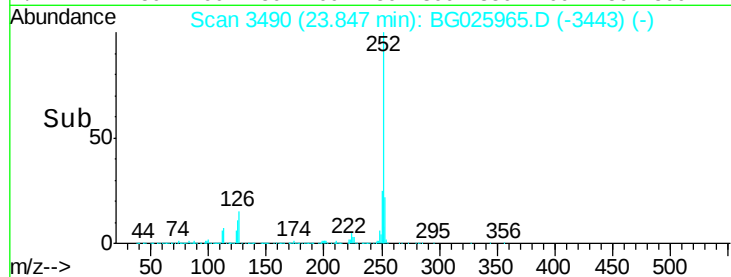
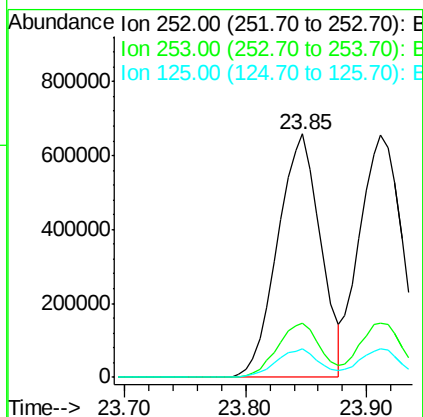
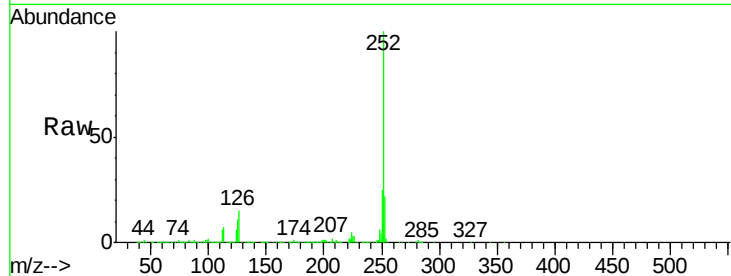




#87
Benzo(b)fluoranthene
Concen: 36.12 ng
RT: 23.85 min Scan# 3490
Delta R.T. -0.02 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

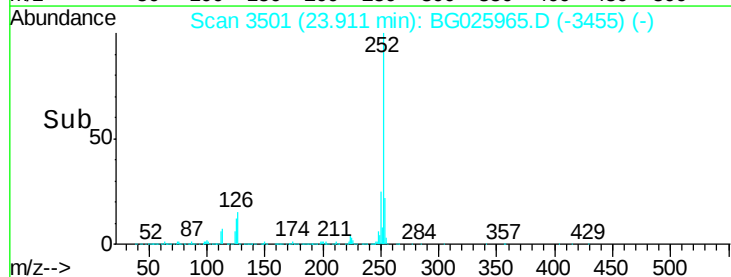
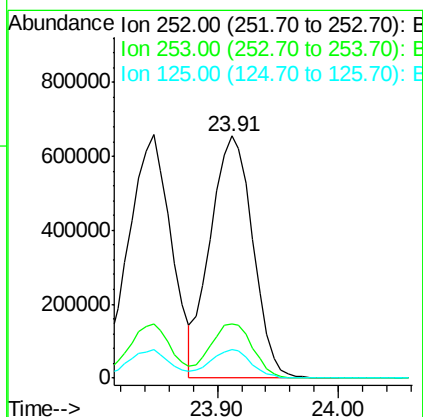
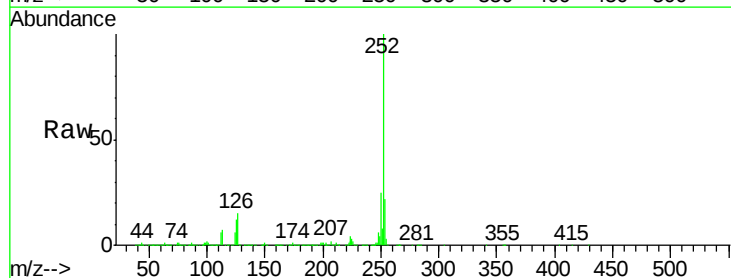
Instrument :
BNA_G
ClientSampleId :
PB97193BS

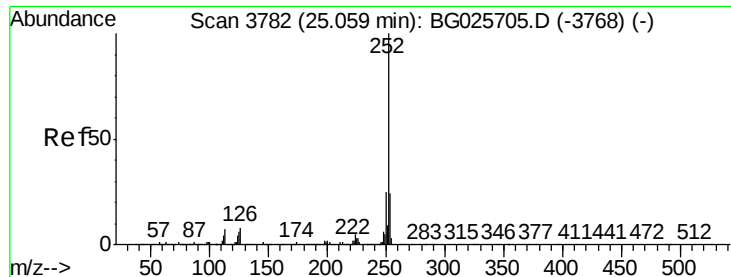
Tgt Ion:252 Resp: 1617645
Ion Ratio Lower Upper
252 100
253 22.2 18.7 28.1
125 11.5 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 36.41 ng
RT: 23.91 min Scan# 3501
Delta R.T. -0.03 min
Lab File: BG025965.D
Acq: 27 Feb 2017 15:53

Tgt Ion:252 Resp: 1590834
Ion Ratio Lower Upper
252 100
253 22.4 20.2 30.2
125 11.9 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 37.52 ng

RT: 24.71 min Scan# 3637

Delta R.T. -0.03 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

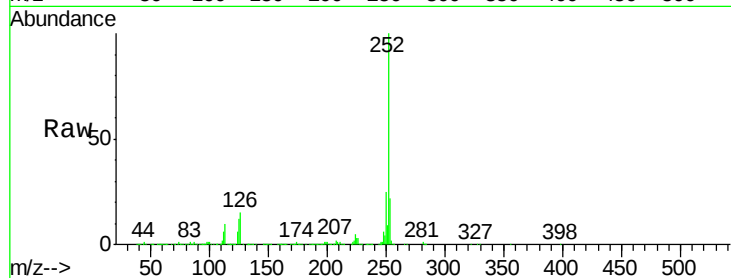
Tgt Ion:252 Resp: 1590911

Ion Ratio Lower Upper

252 100

253 22.1 19.2 28.8

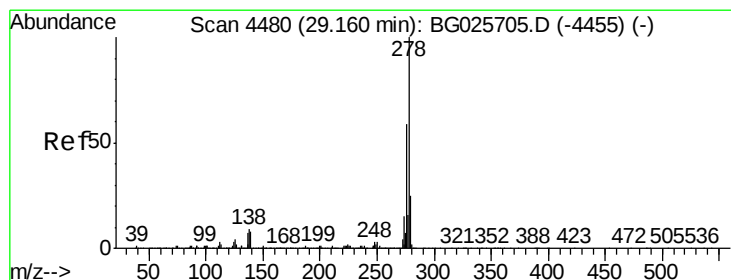
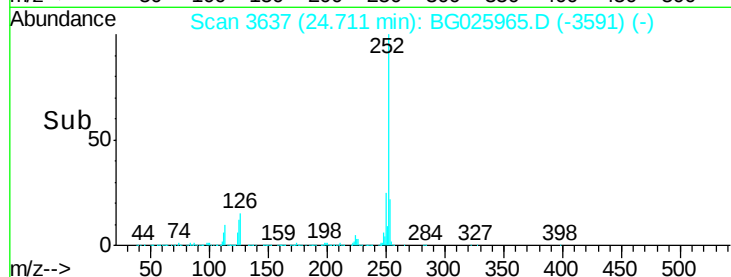
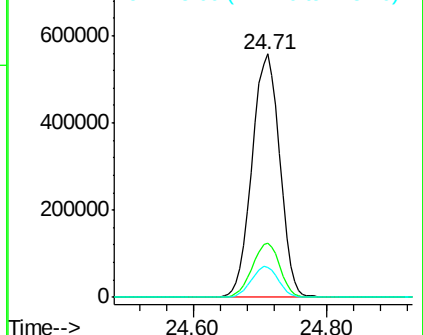
125 12.0 5.4 8.0#



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: 36.81 ng

RT: 28.57 min Scan# 4294

Delta R.T. -0.05 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

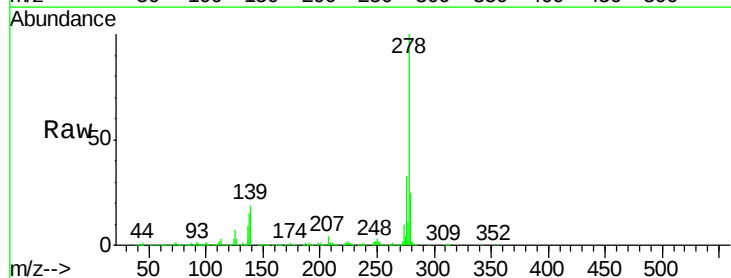
Tgt Ion:278 Resp: 1568386

Ion Ratio Lower Upper

278 100

139 19.2 7.7 11.5#

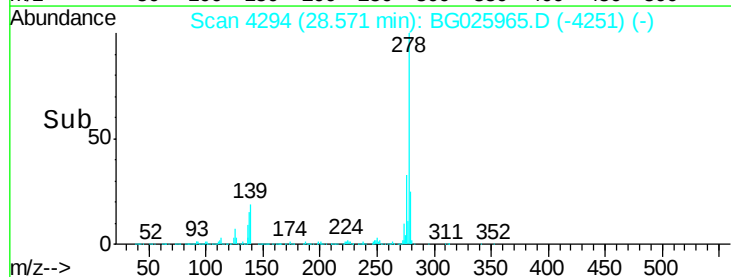
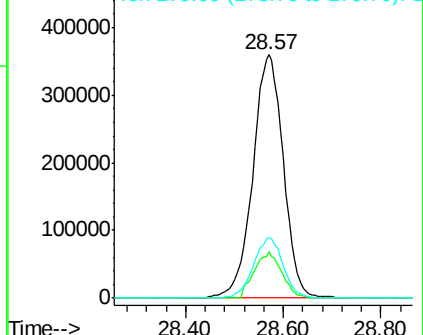
279 24.9 19.1 28.7

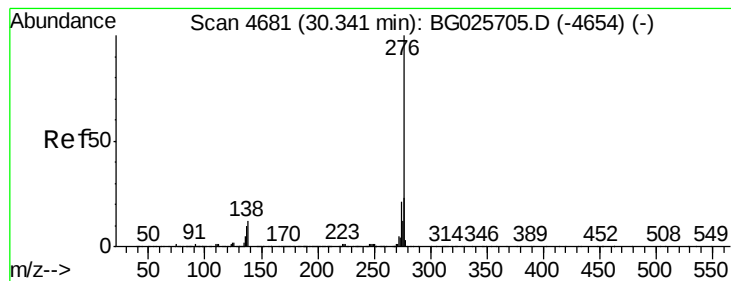


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.90 ng

RT: 29.65 min Scan# 4478

Delta R.T. -0.04 min

Lab File: BG025965.D

Acq: 27 Feb 2017 15:53

Instrument :

BNA_G

ClientSampleId :

PB97193BS

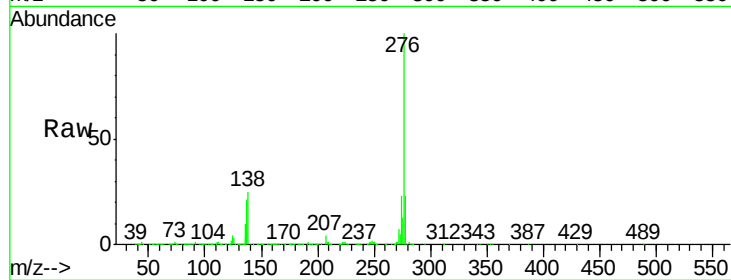
Tgt Ion:276 Resp: 1576297

Ion Ratio Lower Upper

276 100

277 23.2 18.6 27.8

138 24.8 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

