

Data File : BG026014.D
Acq On : 1 Mar 2017 2:23
Operator : SJ/MA
Sample : PB97225BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Quant Time: Mar 01 03:24:25 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	111522	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	537475	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	366789	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	928036	20.00	ng	0.00
75) Chrysene-d12	21.66	240	915310	20.00	ng	-0.02
86) Perylene-d12	24.86	264	909930	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	841104	131.31	ng	0.00
7) Phenol-d6	7.23	99	1176378	124.10	ng	0.00
23) Nitrobenzene-d5	9.23	82	641884	75.37	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	505875	149.28	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1694991	80.75	ng	-0.02
78) Terphenyl-d14	20.01	244	2391964	63.56	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	81166	27.72	ng	# 82
3) Pyridine	3.93	79	235001	26.94	ng	# 74
4) n-Nitrosodimethylamine	3.84	42	98157	31.29	ng	# 29
6) Aniline	7.40	93	206246	15.65	ng	93
8) 2-Chlorophenol	7.64	128	307135	40.34	ng	86
9) Benzaldehyde	7.21	77	76185	13.56	ng	# 67
10) Phenol	7.26	94	409694	39.77	ng	# 74
11) bis(2-Chloroethyl)ether	7.49	93	270001	31.89	ng	89
12) 1,3-Dichlorobenzene	7.97	146	296030	33.64	ng	# 89
13) 1,4-Dichlorobenzene	8.11	146	302387	33.92	ng	95
14) 1,2-Dichlorobenzene	8.43	146	293144	33.49	ng	91
15) Benzyl Alcohol	8.31	79	278138	40.07	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.61	45	338818	27.58	ng	87
17) 2-Methylphenol	8.51	107	286206	38.57	ng	# 84
18) Hexachloroethane	9.17	117	100527	34.02	ng	89
19) n-Nitroso-di-n-propylamine	8.88	70	224099	32.37	ng	# 79
20) 3+4-Methylphenols	8.84	107	404296	38.24	ng	86
22) Acetophenone	8.89	105	439125	34.05	ng	# 80
24) Nitrobenzene	9.28	77	322260	34.99	ng	# 78
25) Isophorone	9.79	82	634741	33.87	ng	# 92
26) 2-Nitrophenol	9.99	139	174864	40.60	ng	# 68
27) 2,4-Dimethylphenol	10.04	122	329429	40.98	ng	89
28) bis(2-Chloroethoxy)methane	10.28	93	396394	33.37	ng	# 96
29) 2,4-Dichlorophenol	10.52	162	331911	43.26	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	296274	35.51	ng	99
31) Naphthalene	10.93	128	945530	34.03	ng	100
32) Benzoic acid	10.16	122	274763	44.77	ng	# 76
33) 4-Chloroaniline	11.03	127	78417	6.50	ng	# 82
34) Hexachlorobutadiene	11.22	225	160977	33.91	ng	97
35) Caprolactam	11.79	113	110809	35.77	ng	# 73
36) 4-Chloro-3-methylphenol	12.14	107	402010	43.80	ng	# 82
37) 2-Methylnaphthalene	12.52	142	754356	35.64	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	335972	36.55	ng	99
40) Hexachlorocyclopentadiene	12.87	237	379306	75.40	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	281685	47.44	ng	98
43) 2,4,5-Trichlorophenol	13.19	196	310367	46.05	ng	95
45) 1,1'-Biphenyl	13.52	154	1014685	38.17	ng	99
46) 2-Chloronaphthalene	13.57	162	747794	38.92	ng	98
47) 2-Nitroaniline	13.75	65	284606	46.70	ng	# 74
48) Acenaphthylene	14.41	152	1335417	39.03	ng	99
49) Dimethylphthalate	14.13	163	1049286	41.70	ng	98
50) 2,6-Dinitrotoluene	14.25	165	250429	44.31	ng	# 70
51) Acenaphthene	14.75	154	872457	38.61	ng	97
52) 3-Nitroaniline	14.57	138	121566	19.23	ng	# 73
53) 2,4-Dinitrophenol	14.78	184	318339	107.62	ng	# 86
54) Dibenzofuran	15.08	168	1309750	43.48	ng	92
55) 4-Nitrophenol	14.88	139	481092	93.50	ng	# 49
56) 2,4-Dinitrotoluene	15.03	165	368074	48.40	ng	# 80
57) Fluorene	15.72	166	1086046	40.35	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	297364	50.01	ng	96
59) Diethylphthalate	15.49	149	1124173	43.19	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	506391	40.60	ng	95
61) 4-Nitroaniline	15.73	138	297219	45.35	ng	# 58
62) Azobenzene	16.00	77	1040164	46.49	ng	86
64) 4,6-Dinitro-2-methylphenol	15.79	198	221975	40.87	ng	92
65) n-Nitrosodiphenylamine	15.92	169	1004002	35.67	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	347406	35.72	ng	95
67) Hexachlorobenzene	16.73	284	352789	35.19	ng	93
68) Atrazine	16.86	200	369286	37.07	ng	97
69) Pentachlorophenol	17.06	266	466268	75.40	ng	96
70) Phenanthrene	17.46	178	1767556	35.09	ng	97
71) Anthracene	17.54	178	1842992	35.88	ng	99
72) Carbazole	17.81	167	1682625	32.61	ng	96
73) Di-n-butylphthalate	18.36	149	1961818	38.73	ng	# 95
74) Fluoranthene	19.45	202	1952428	35.20	ng	94
76) Benzidine	19.62	184	668079	23.12	ng	97
77) Pyrene	19.81	202	1958702	33.84	ng	98
79) Butylbenzylphthalate	20.69	149	884039	40.24	ng	89
80) Benzo(a)anthracene	21.64	228	1878858	35.16	ng	97
81) 3,3'-Dichlorobenzidine	21.55	252	432352	22.69	ng	# 98
82) Chrysene	21.71	228	1703449	33.15	ng	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	1243423	39.20	ng	# 98
84) Di-n-octyl phthalate	22.74	149	2147598	41.00	ng	# 86
85) Indeno(1,2,3-cd)pyrene	28.51	276	2251361	37.20	ng	# 87
87) Benzo(b)fluoranthene	23.85	252	1930856	35.43	ng	# 96
88) Benzo(k)fluoranthene	23.91	252	1891996	35.58	ng	# 92
89) Benzo(a)pyrene	24.71	252	1871454	36.27	ng	# 93
90) Dibenzo(a,h)anthracene	28.57	278	1850977	35.70	ng	# 92
91) Benzo(g,h,i)perylene	29.66	276	1879168	36.15	ng	# 86

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

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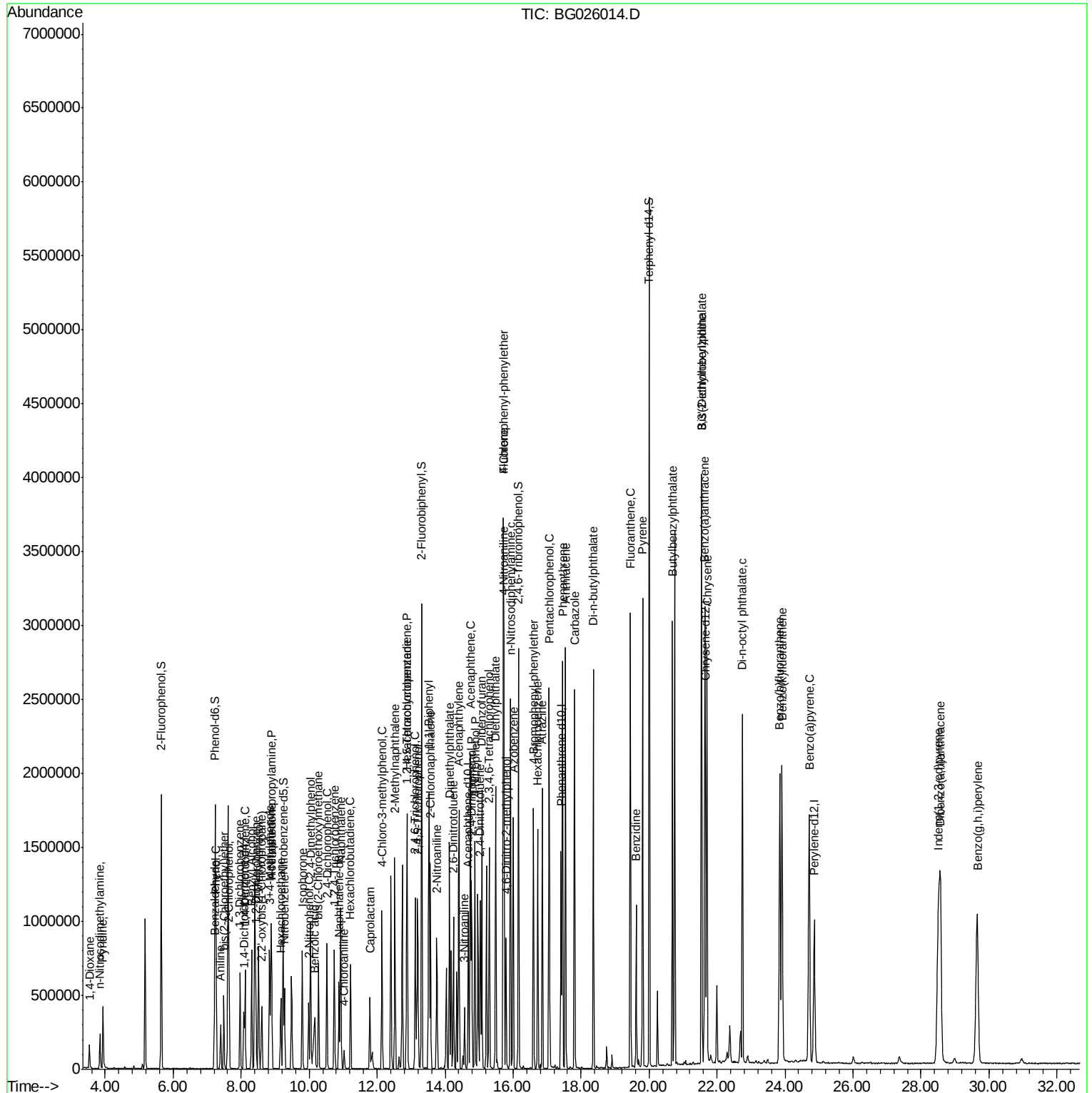
Quant Time: Mar 01 03:24:25 2017

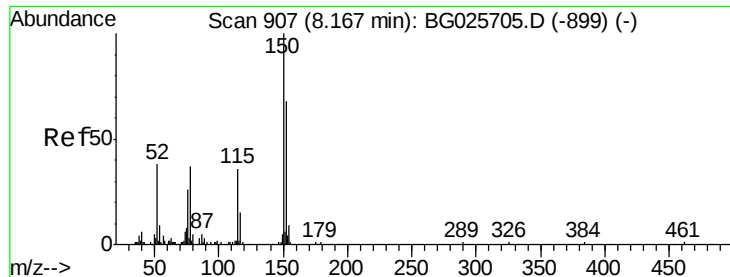
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

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Instrument :

BNA_G

ClientSampleId :

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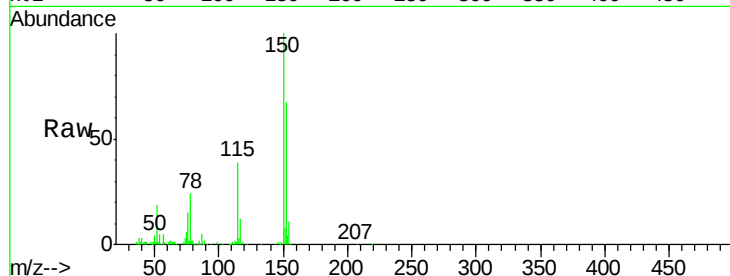
Tgt Ion:152 Resp: 111522

Ion Ratio Lower Upper

152 100

150 149.8 114.0 171.0

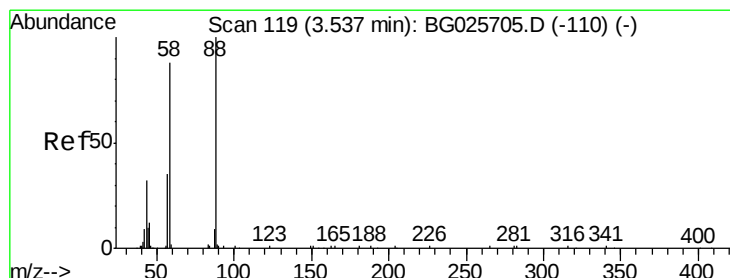
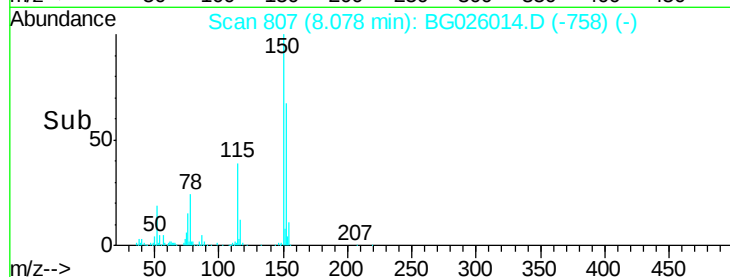
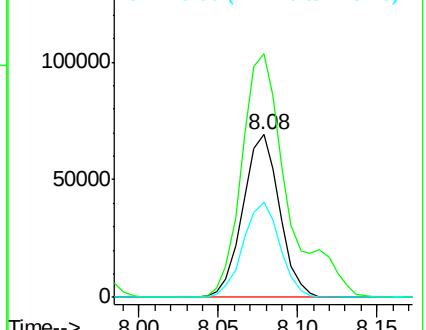
115 58.2 48.1 72.1



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: 27.72 ng

RT: 3.54 min Scan# 34

Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

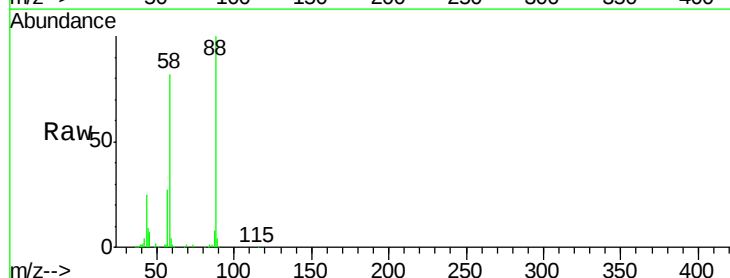
Tgt Ion: 88 Resp: 81166

Ion Ratio Lower Upper

88 100

58 84.6 79.4 119.2

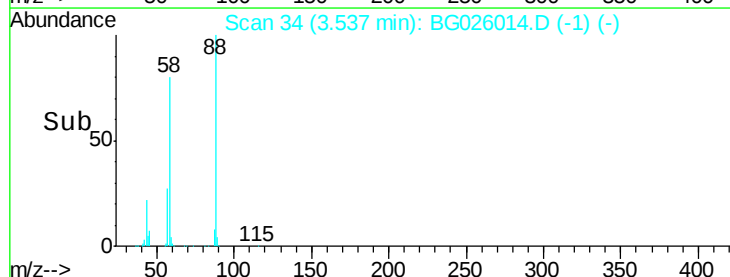
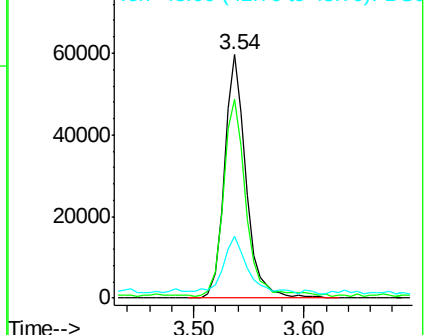
43 26.9 33.8 50.6#

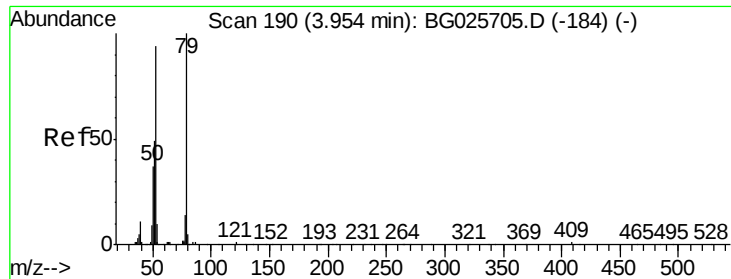


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 26.94 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

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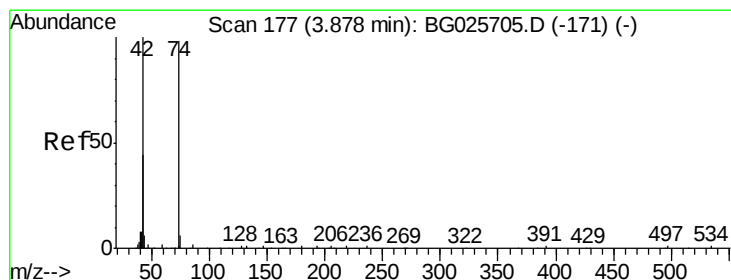
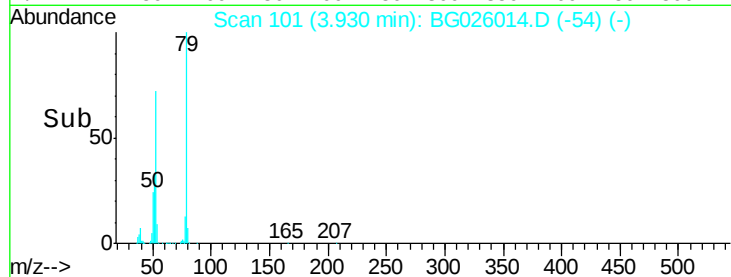
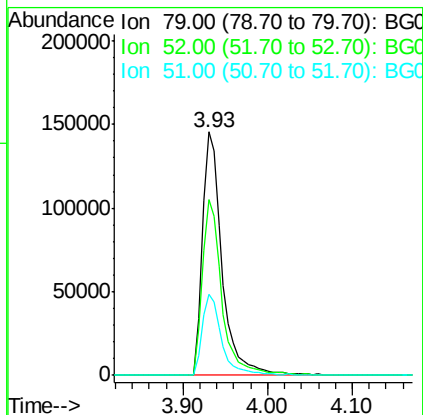
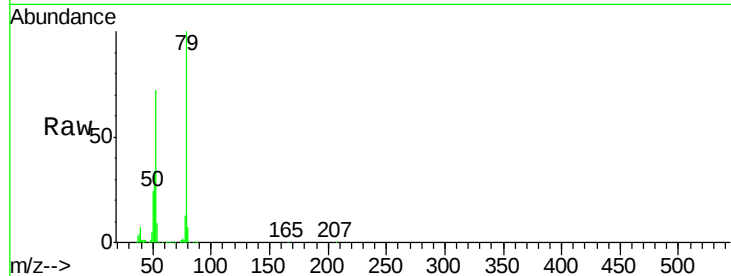
Tgt Ion: 79 Resp: 235001

Ion Ratio Lower Upper

79 100

52 72.3 77.8 116.6#

51 33.5 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 31.29 ng

RT: 3.84 min Scan# 86

Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

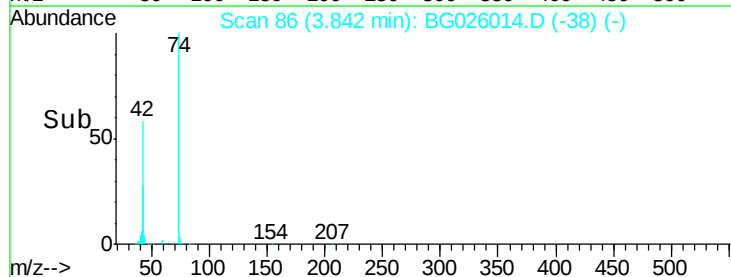
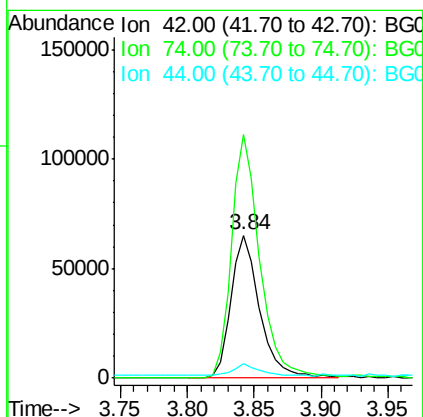
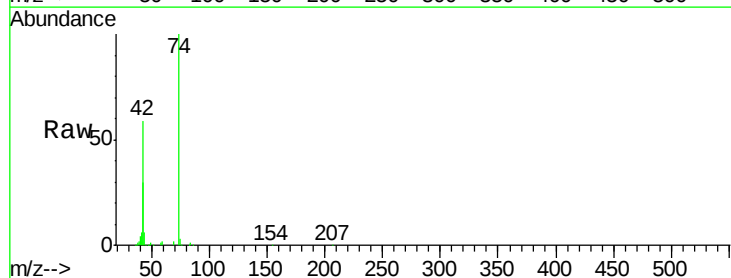
Tgt Ion: 42 Resp: 98157

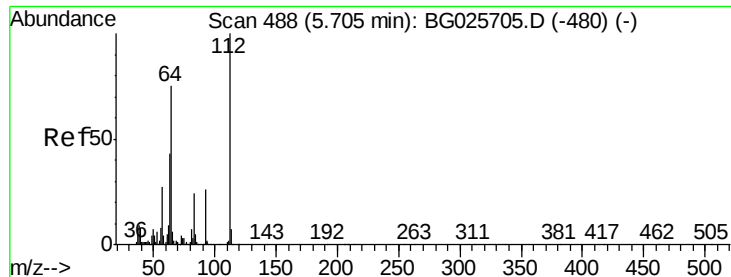
Ion Ratio Lower Upper

42 100

74 170.4 76.7 115.1#

44 10.0 6.1 9.1#





#5

2-Fluorophenol

Concen: 131.31 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

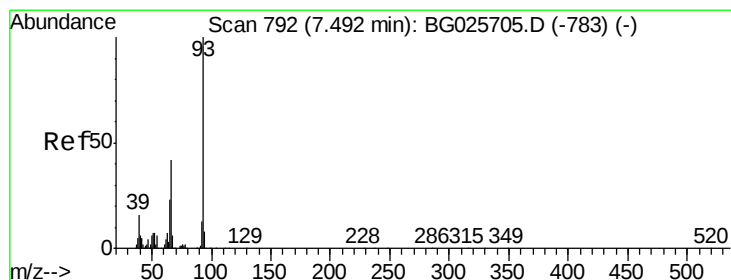
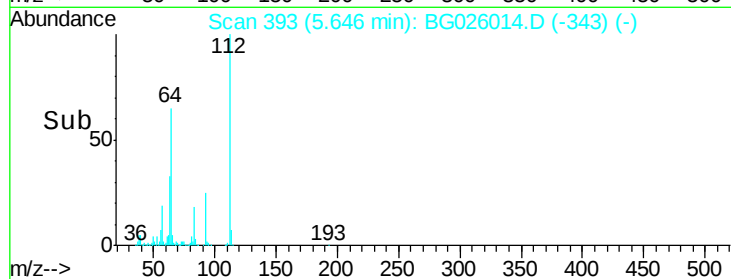
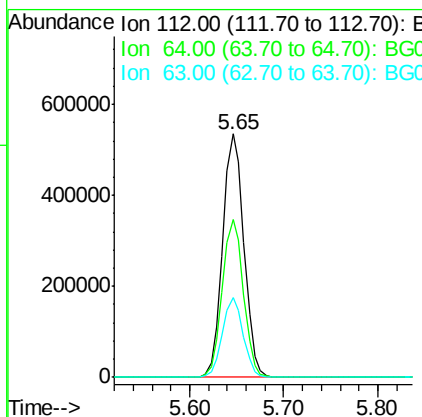
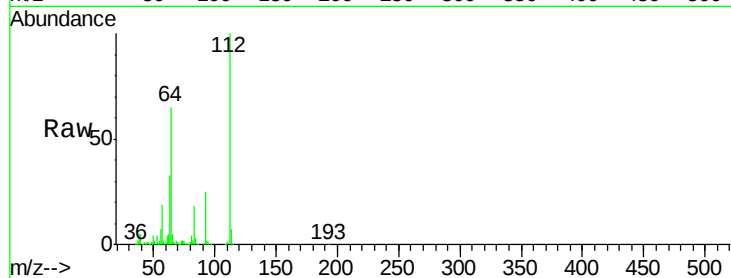
Instrument :

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Tgt Ion:	112	Resp:	841104
Ion Ratio	Lower	Upper	
112	100		
64	65.1	61.8	92.6
63	32.6	37.2	55.8#



#6

Aniline

Concen: 15.65 ng

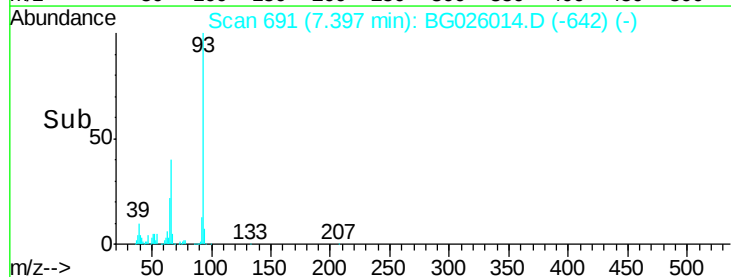
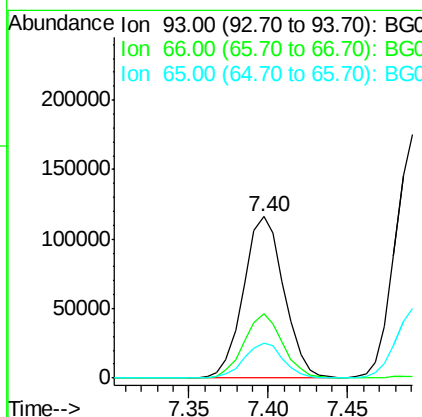
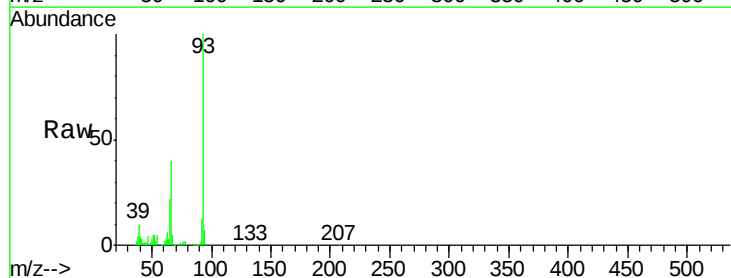
RT: 7.40 min Scan# 691

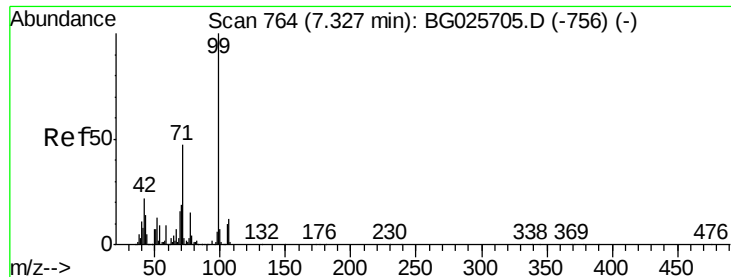
Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Tgt Ion:	93	Resp:	206246
Ion Ratio	Lower	Upper	
93	100		
66	40.0	35.4	53.2
65	22.1	21.2	31.8





#7

Phenol-d6

Concen: 124.10 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

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ClientSampleId :

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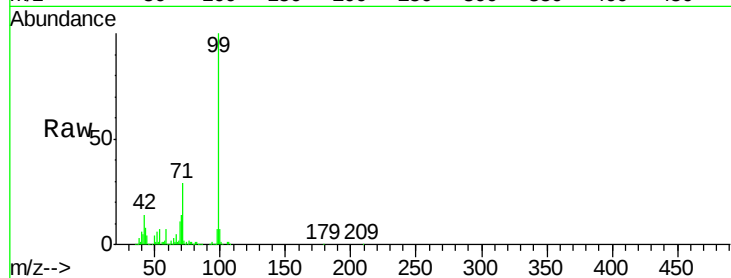
Tgt Ion: 99 Resp: 1176378

Ion Ratio Lower Upper

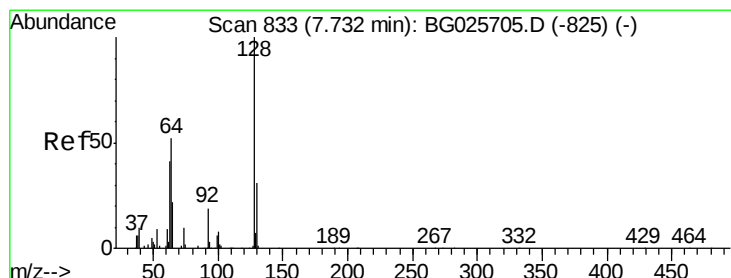
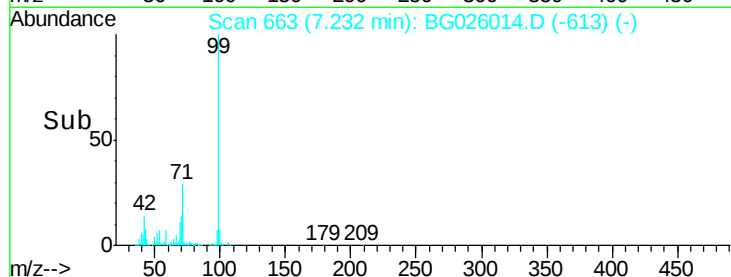
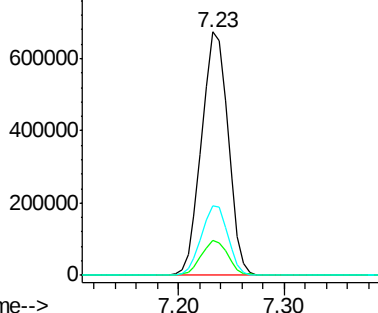
99 100

42 14.3 20.5 30.7#

71 28.7 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.34 ng

RT: 7.64 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

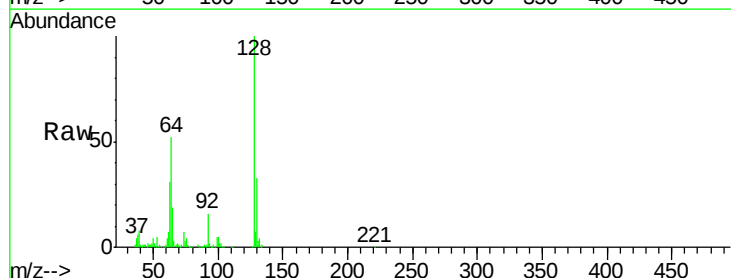
Tgt Ion: 128 Resp: 307135

Ion Ratio Lower Upper

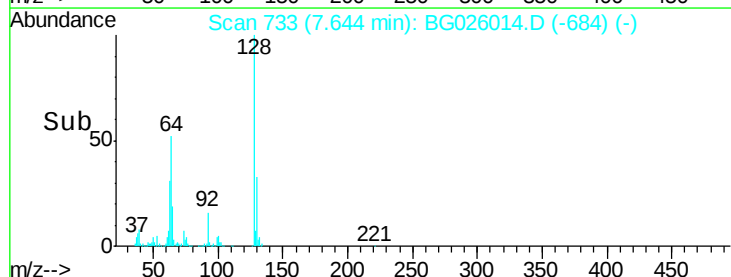
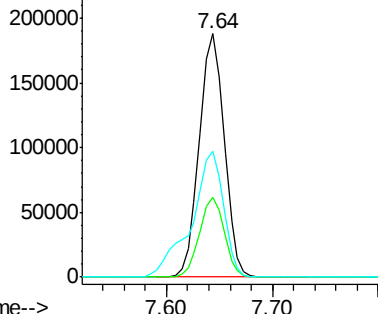
128 100

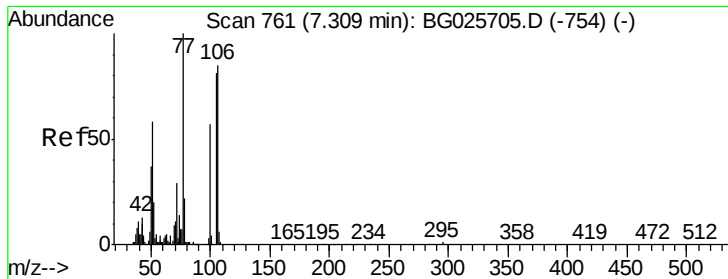
130 32.7 11.4 51.4

64 51.6 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: 13.56 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.02 min

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Acq: 1 Mar 2017 2:23

Instrument :

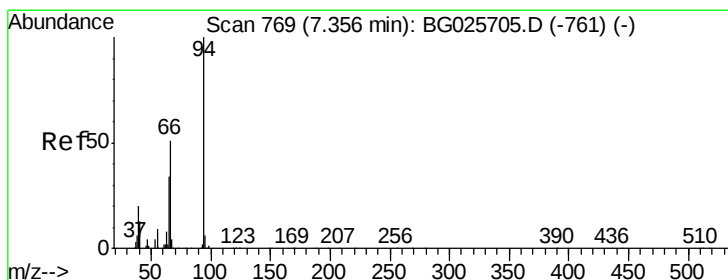
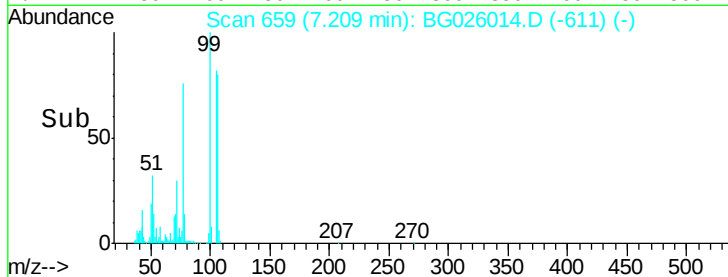
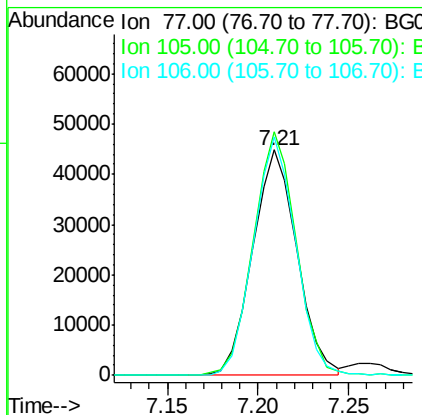
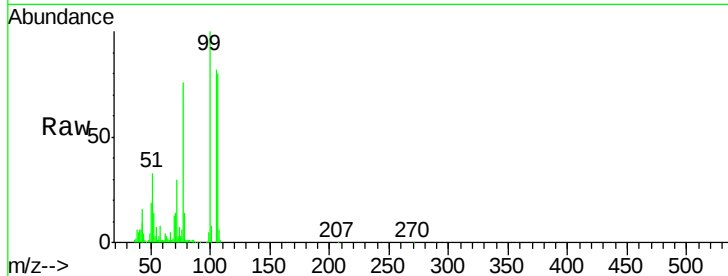
BNA_G

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Tgt Ion: 77 Resp: 76185

Ion	Ratio	Lower	Upper
77	100		
105	107.9	60.9	100.9#
106	105.6	55.1	95.1#



#10

Phenol

Concen: 39.77 ng

RT: 7.26 min Scan# 668

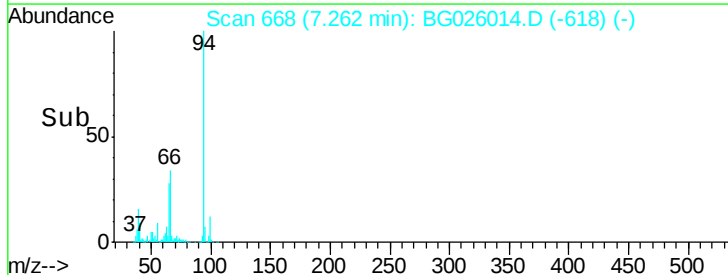
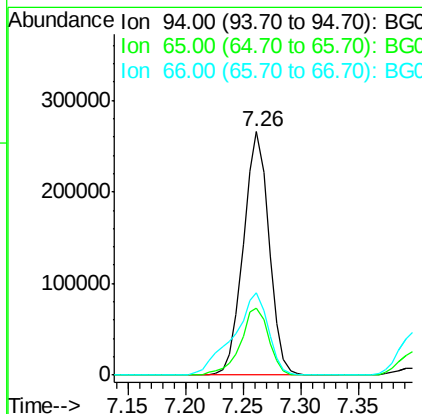
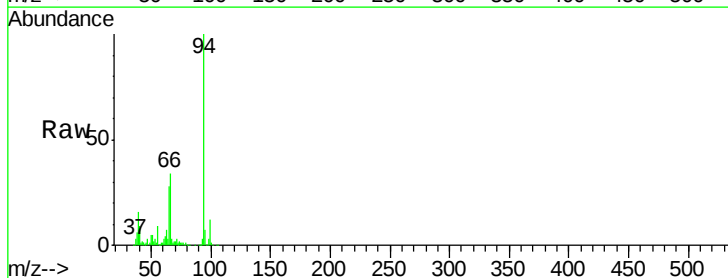
Delta R.T. -0.00 min

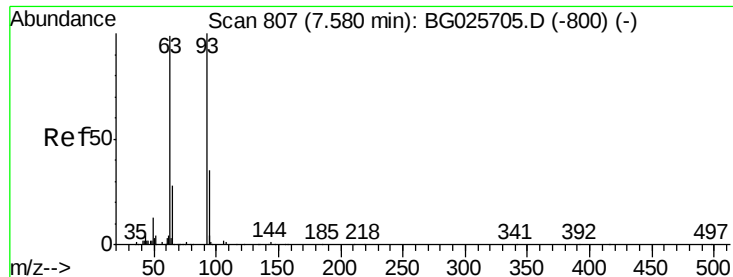
Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Tgt Ion: 94 Resp: 409694

Ion	Ratio	Lower	Upper
94	100		
65	27.6	20.6	60.6
66	33.9	35.5	75.5#

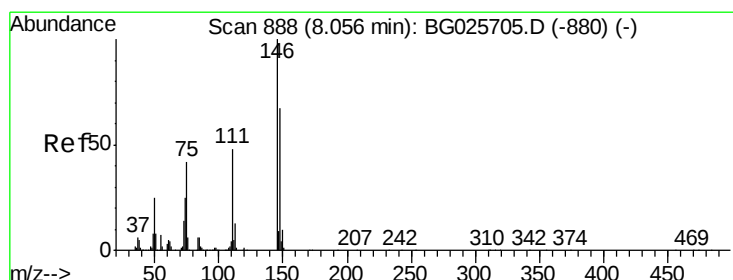
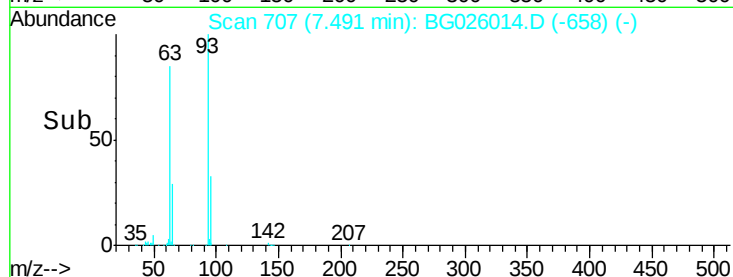
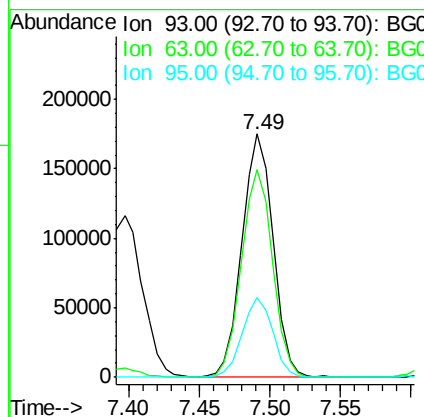
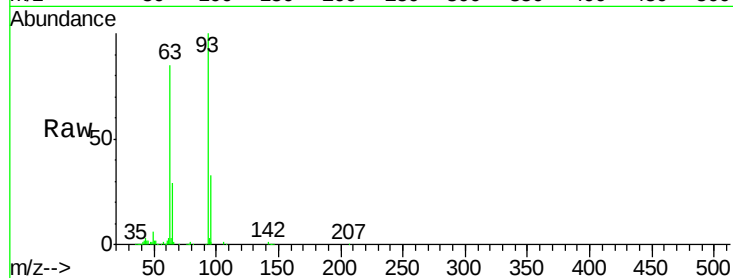




#11
bis(2-Chloroethyl)ether
Concen: 31.89 ng
RT: 7.49 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

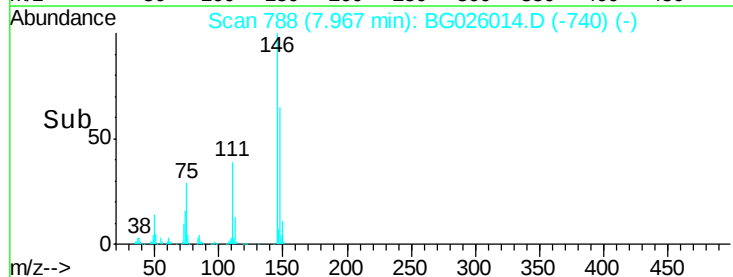
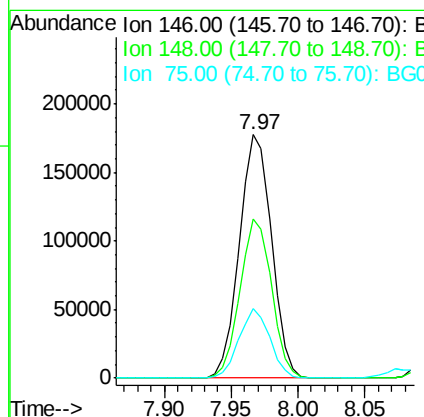
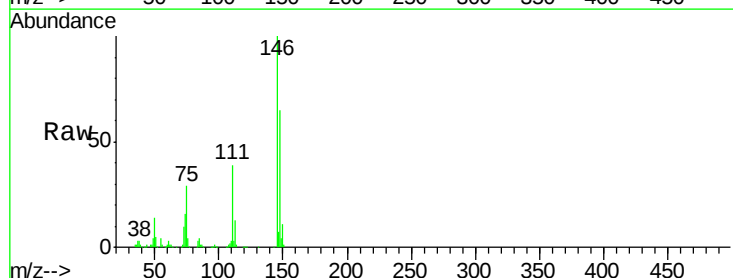
Instrument :
BNA_G
ClientSampleId :
PB97225BS

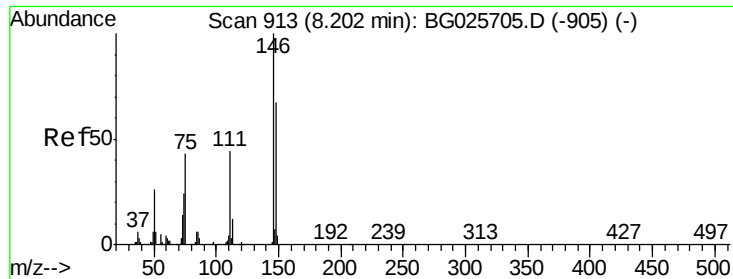
Tgt Ion: 93 Resp: 270001
Ion Ratio Lower Upper
93 100
63 85.5 78.5 118.5
95 32.7 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 33.64 ng
RT: 7.97 min Scan# 788
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion: 146 Resp: 296030
Ion Ratio Lower Upper
146 100
148 65.4 49.2 73.8
75 28.7 33.4 50.2#

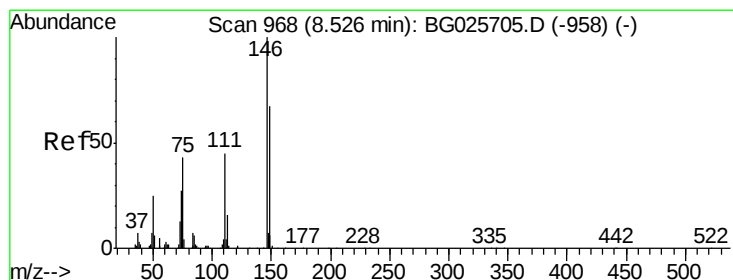
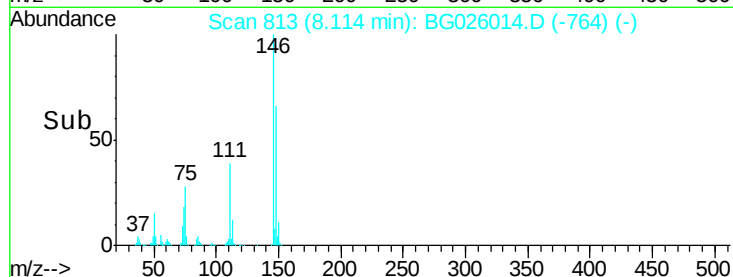
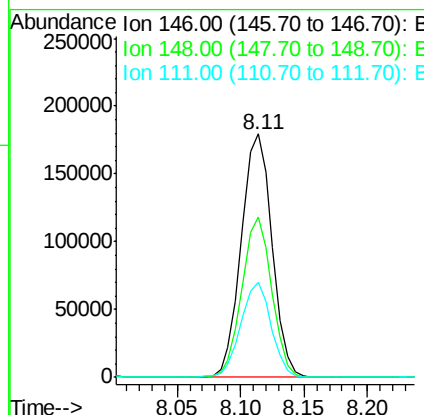
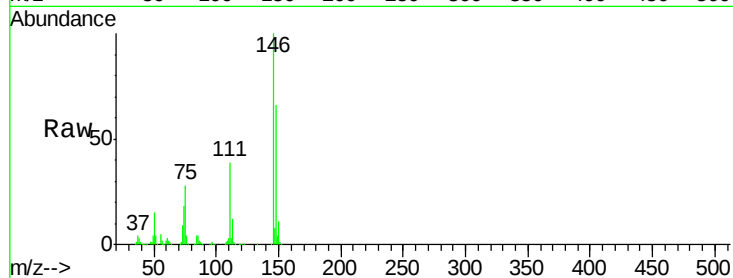




#13
1,4-Dichlorobenzene
Concen: 33.92 ng
RT: 8.11 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

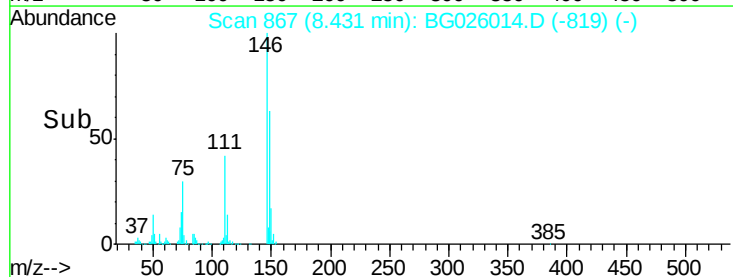
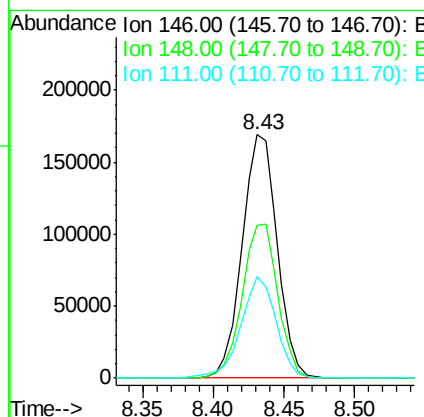
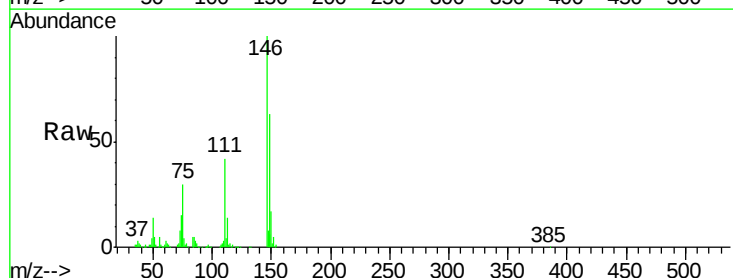
Instrument :
BNA_G
ClientSampleId :
PB97225BS

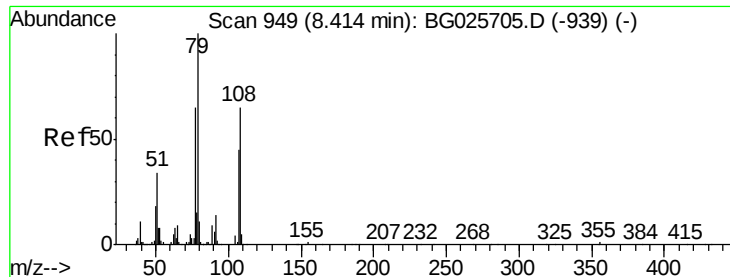
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.2	78.2
111	39.2	37.0	55.6



#14
1,2-Dichlorobenzene
Concen: 33.49 ng
RT: 8.43 min Scan# 867
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	54.6	81.8
111	41.7	39.7	59.5





#15

Benzyl Alcohol

Concen: 40.07 ng

RT: 8.31 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

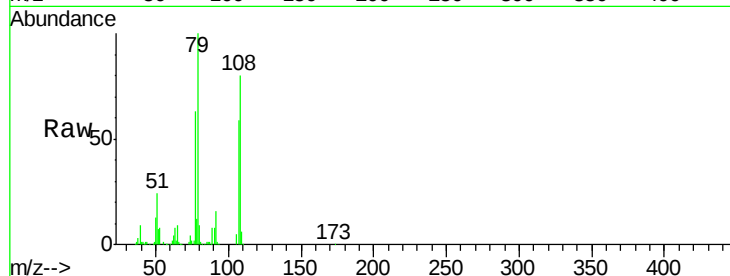
Tgt Ion: 79 Resp: 278138

Ion Ratio Lower Upper

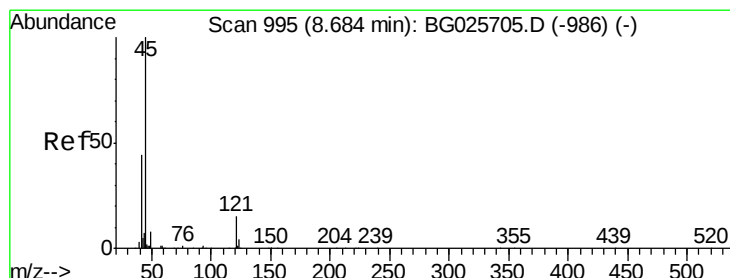
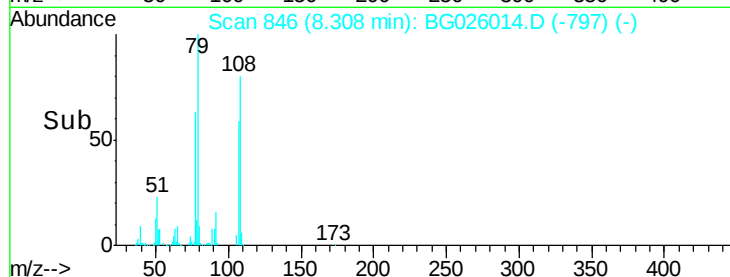
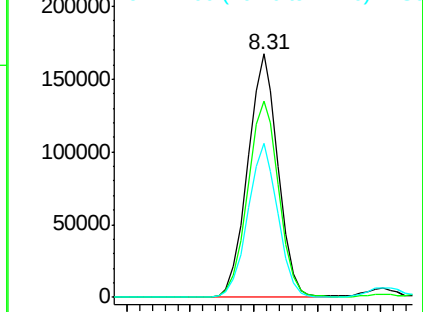
79 100

108 80.4 45.5 68.3#

77 63.3 54.3 81.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.58 ng

RT: 8.61 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

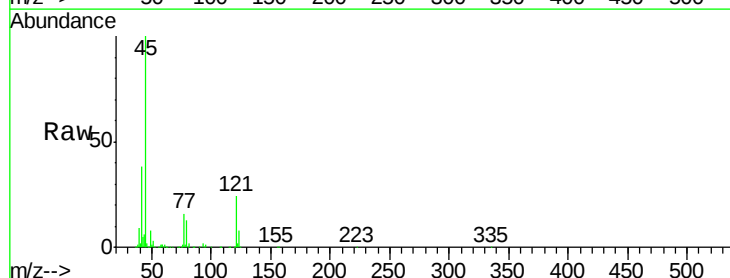
Tgt Ion: 45 Resp: 338818

Ion Ratio Lower Upper

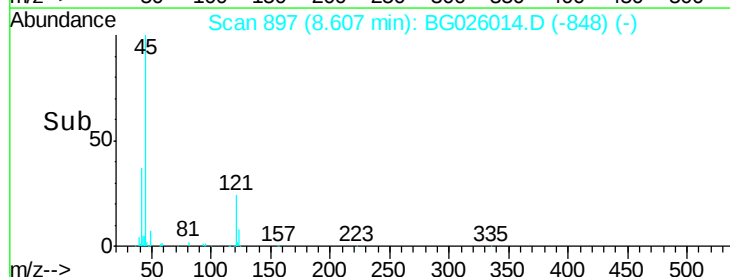
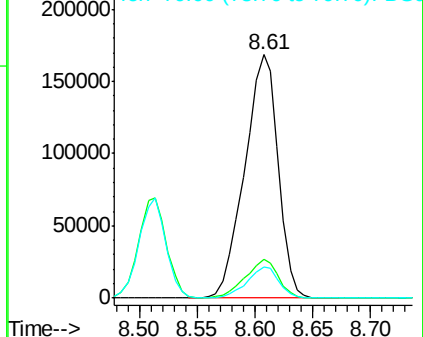
45 100

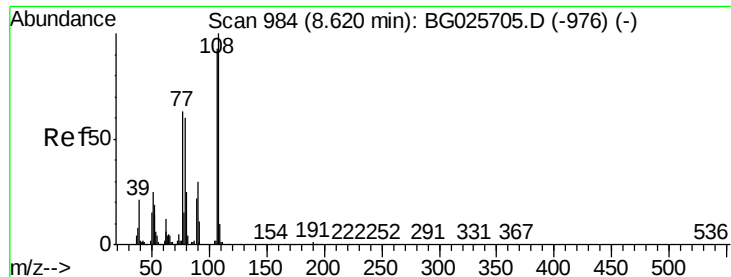
77 15.9 0.0 30.6

79 12.5 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

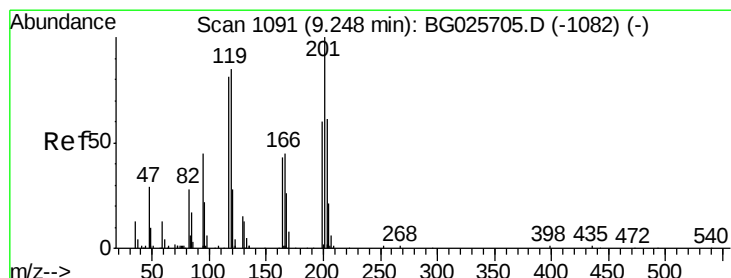
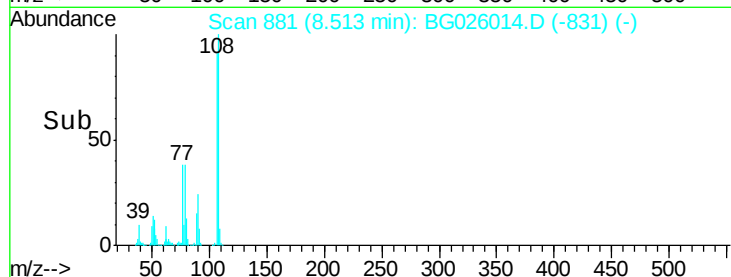
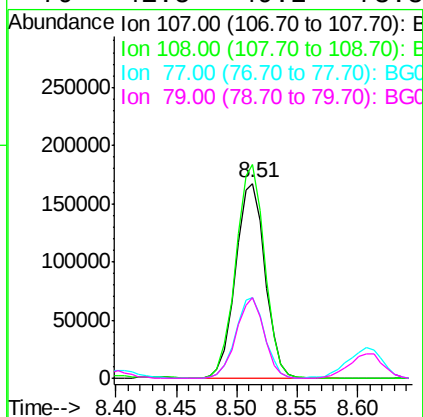
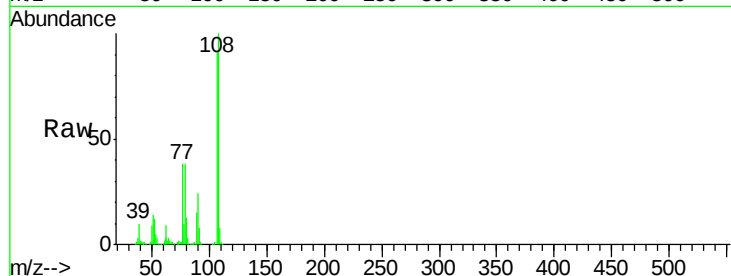




#17
2-Methylphenol
Concen: 38.57 ng
RT: 8.51 min Scan# 881
Delta R.T. -0.00 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

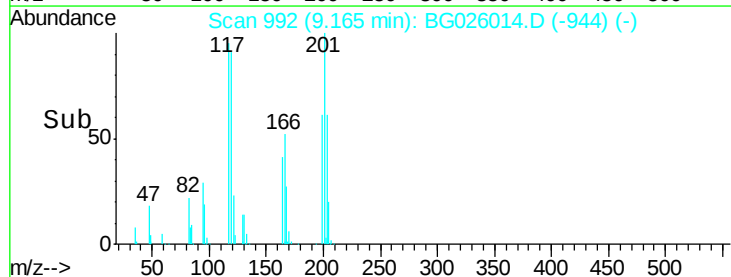
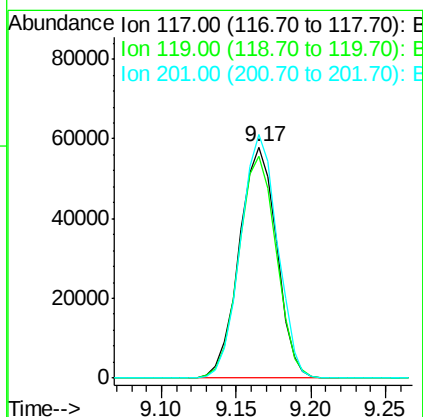
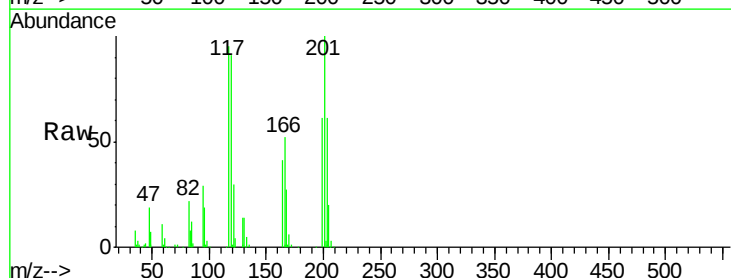
Instrument :
BNA_G
ClientSampleId :
PB97225BS

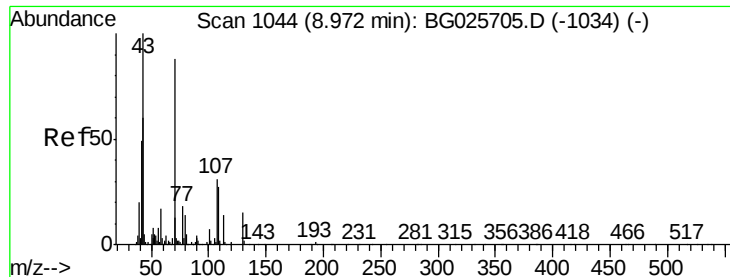
Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.5	85.6	128.4
77	41.2	51.4	77.2#
79	41.5	49.2	73.8#



#18
Hexachloroethane
Concen: 34.02 ng
RT: 9.17 min Scan# 992
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	69.8	104.6
201	105.5	95.4	143.0

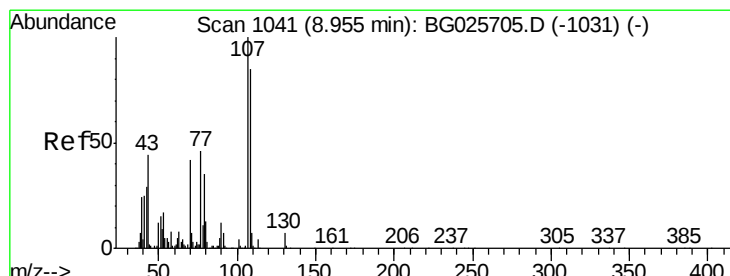
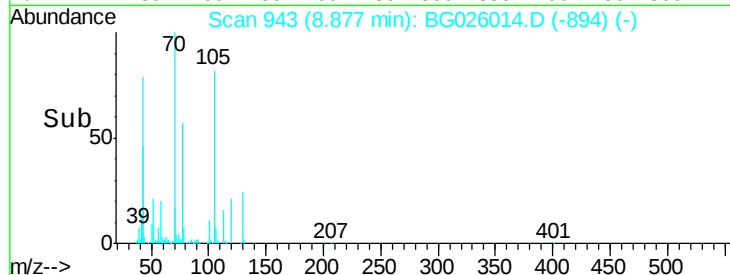
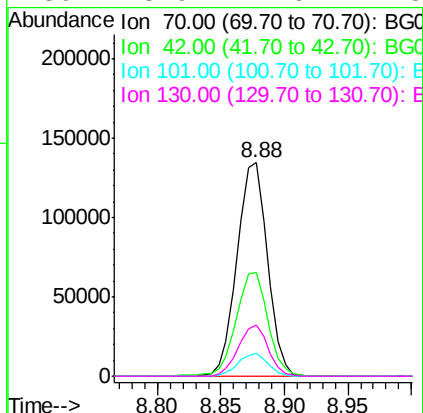
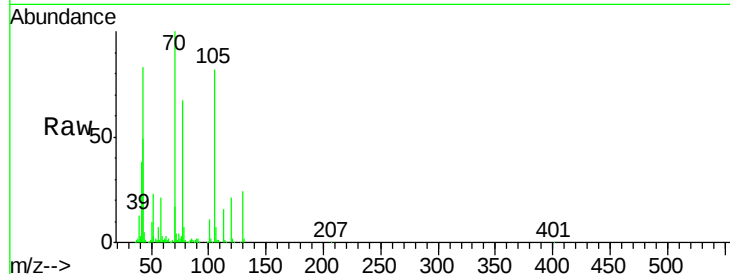




#19
 n-Nitroso-di-n-propylamine
 Concen: 32.37 ng
 RT: 8.88 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

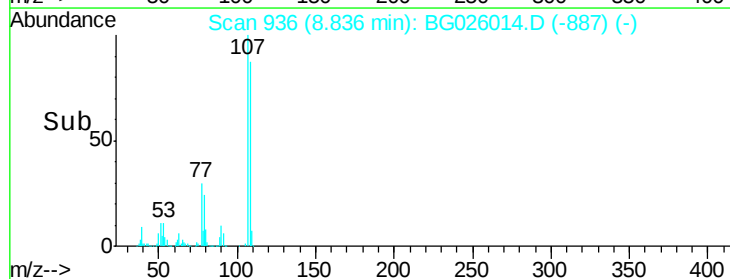
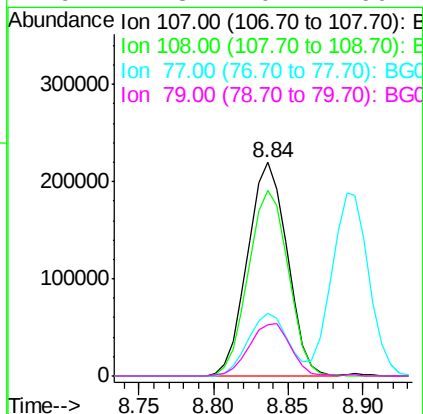
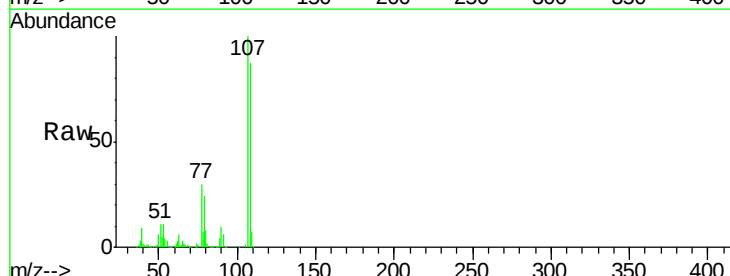
Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

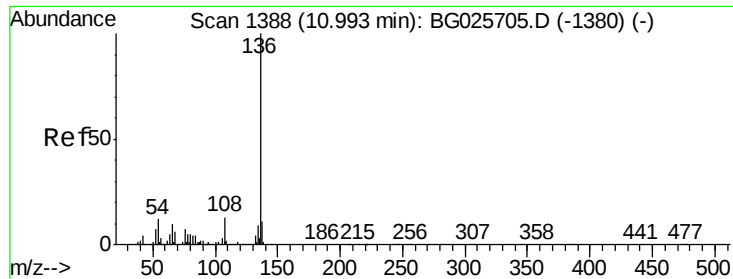
Tgt Ion:	70	Resp:	224099
Ion	Ratio	Lower	Upper
70	100		
42	48.7	56.1	84.1#
101	10.6	7.5	11.3
130	23.9	14.6	21.8#



#20
 3+4-Methylphenols
 Concen: 38.24 ng
 RT: 8.84 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion:	107	Resp:	404296
Ion	Ratio	Lower	Upper
107	100		
108	86.8	70.8	110.8
77	29.7	25.8	65.8
79	24.3	20.1	60.1

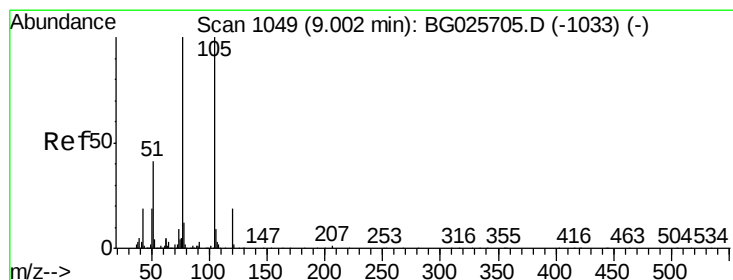
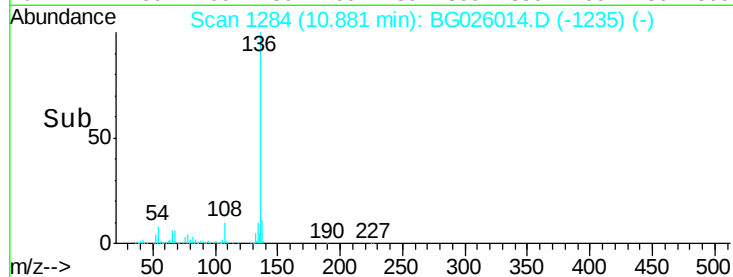
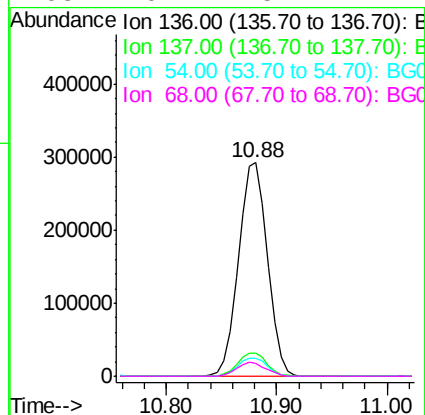
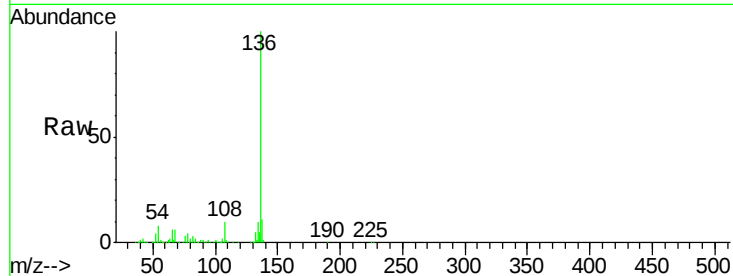




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

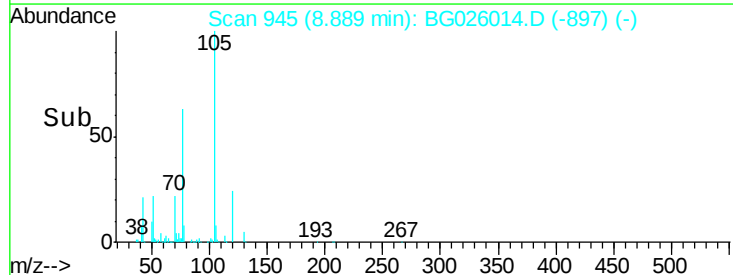
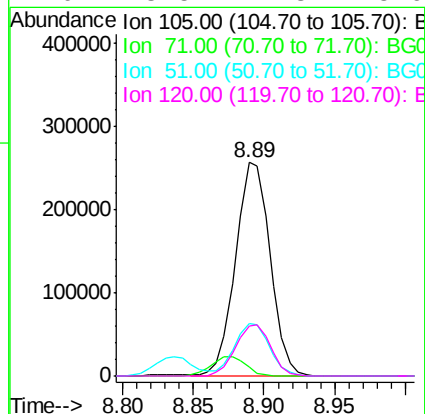
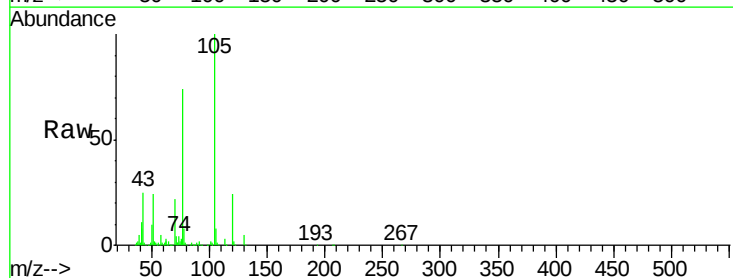
Instrument :
BNA_G
ClientSampleId :
PB97225BS

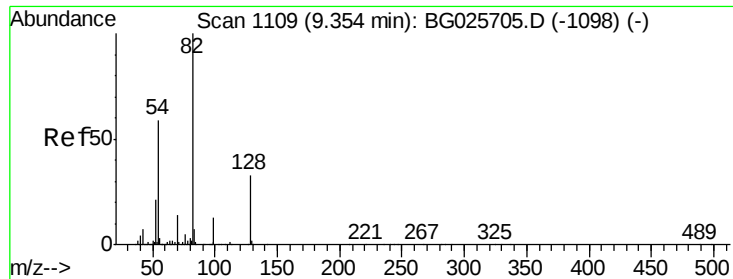
Tgt Ion:	136	Resp:	537475
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	9.3	13.9#
68	6.2	5.1	7.7



#22
Acetophenone
Concen: 34.05 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion:	105	Resp:	439125
Ion	Ratio	Lower	Upper
105	100		
71	4.1	0.9	1.3#
51	24.3	34.0	51.0#
120	23.5	17.3	25.9

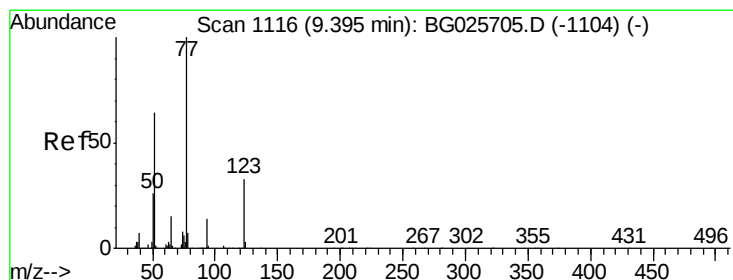
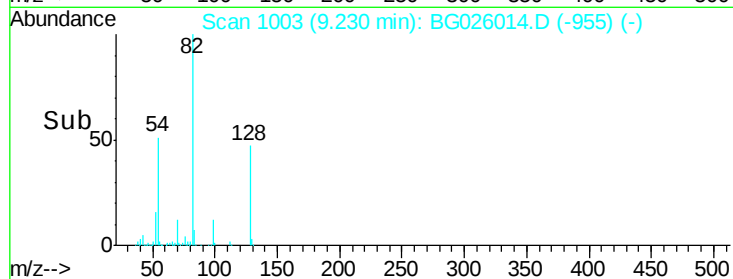
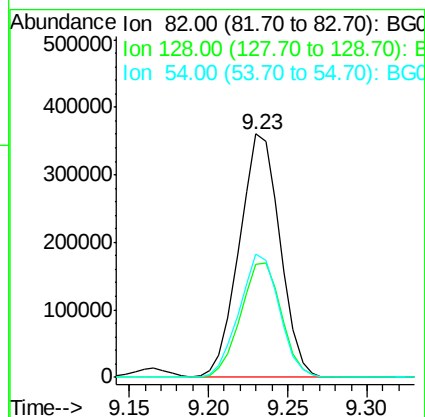
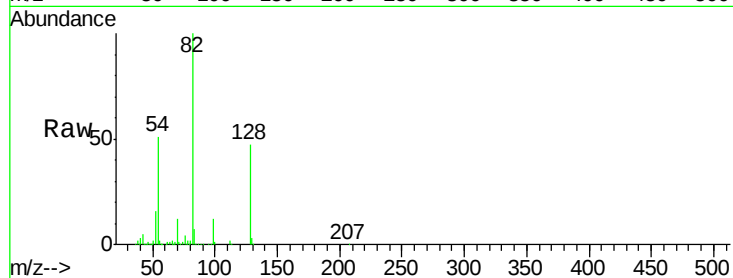




#23
 Nitrobenzene-d5
 Concen: 75.37 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

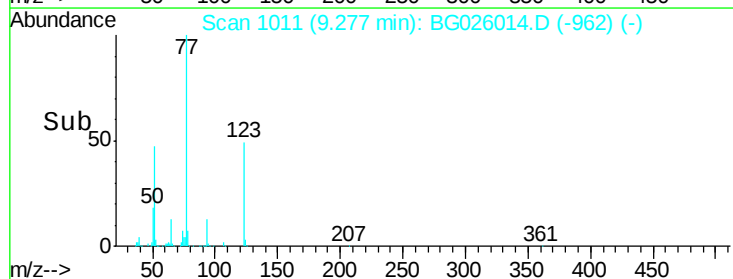
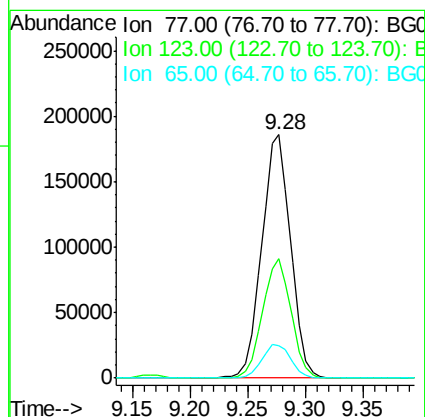
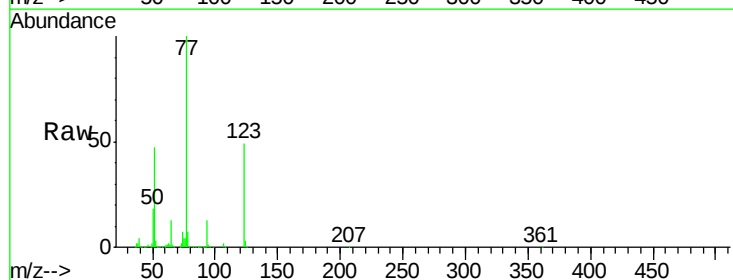
Instrument :
 BNA_G
 ClientSampleID :
 PB97225BS

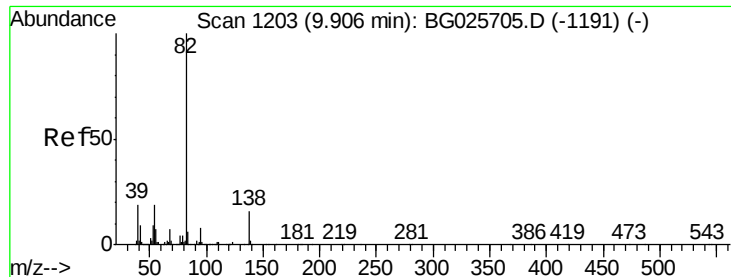
Tgt Ion: 82 Resp: 641884
 Ion Ratio Lower Upper
 82 100
 128 46.6 26.4 39.6#
 54 50.5 49.4 74.2



#24
 Nitrobenzene
 Concen: 34.99 ng
 RT: 9.28 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion: 77 Resp: 322260
 Ion Ratio Lower Upper
 77 100
 123 49.0 26.1 39.1#
 65 13.2 12.4 18.6





#25

Isophorone

Concen: 33.87 ng

RT: 9.79 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

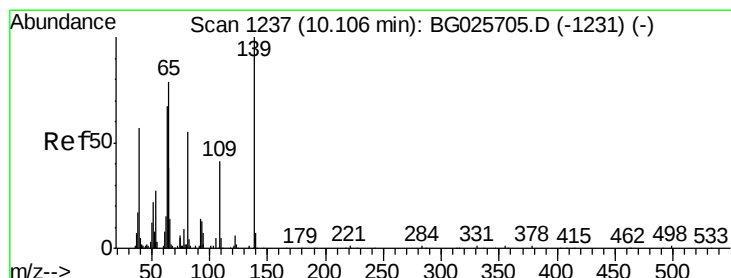
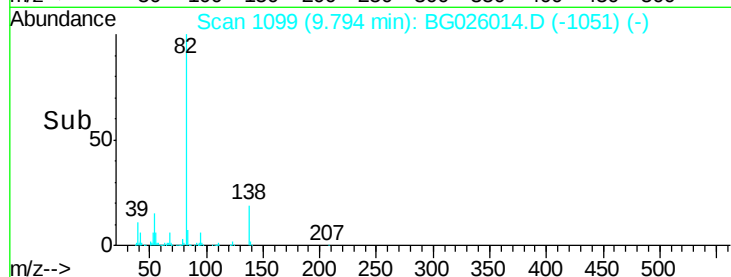
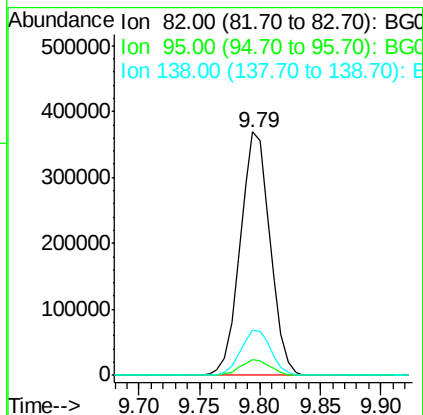
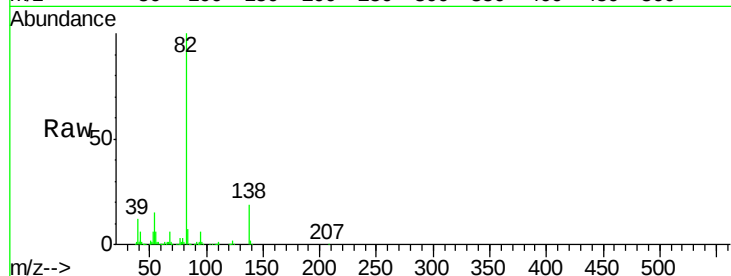
Tgt Ion: 82 Resp: 634741

Ion Ratio Lower Upper

82 100

95 6.5 7.5 11.3#

138 18.5 12.3 18.5#



#26

2-Nitrophenol

Concen: 40.60 ng

RT: 9.99 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

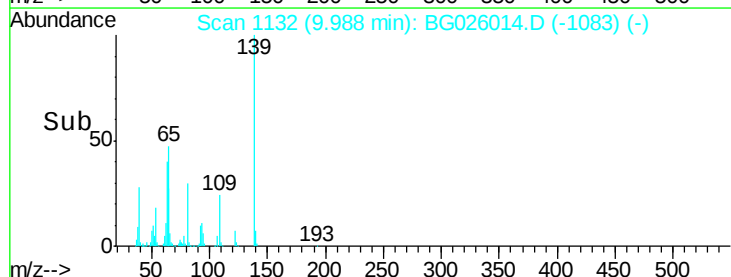
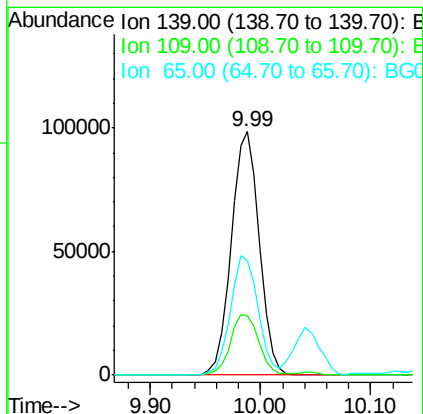
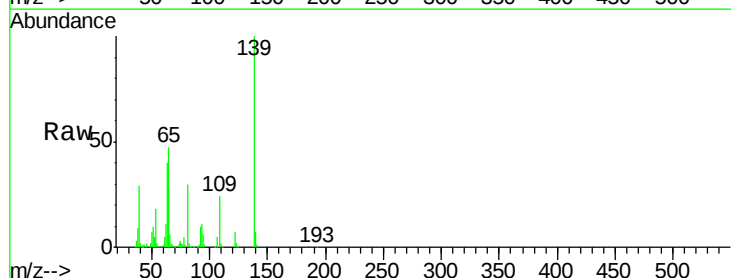
Tgt Ion: 139 Resp: 174864

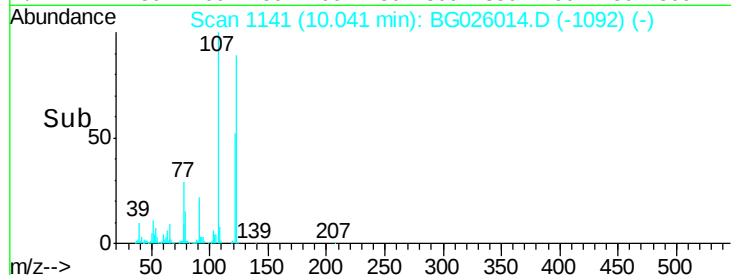
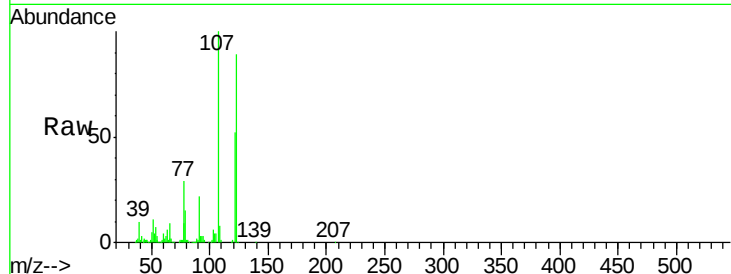
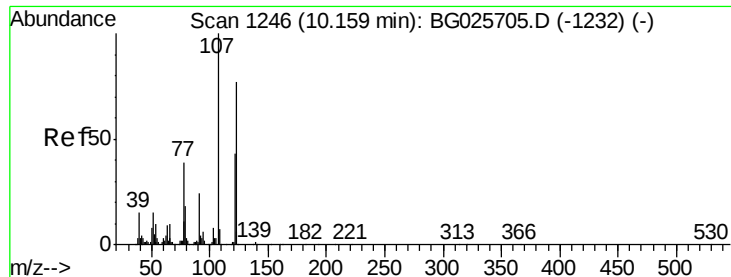
Ion Ratio Lower Upper

139 100

109 24.4 38.6 58.0#

65 47.1 57.1 85.7#

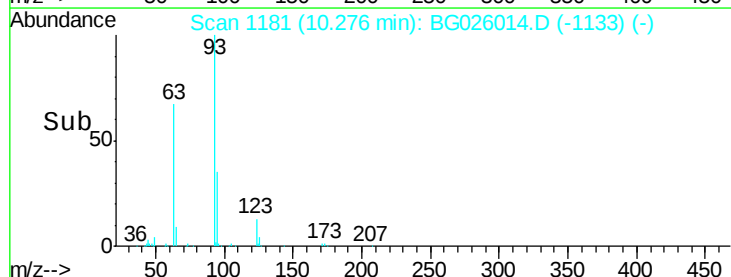
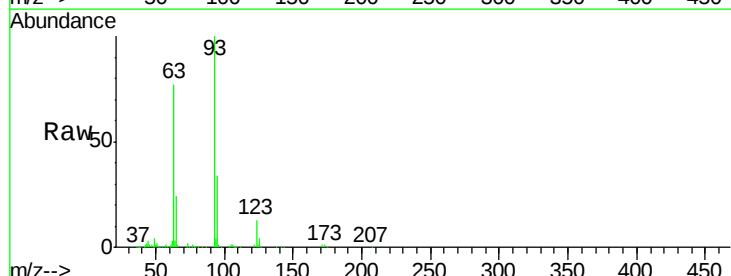
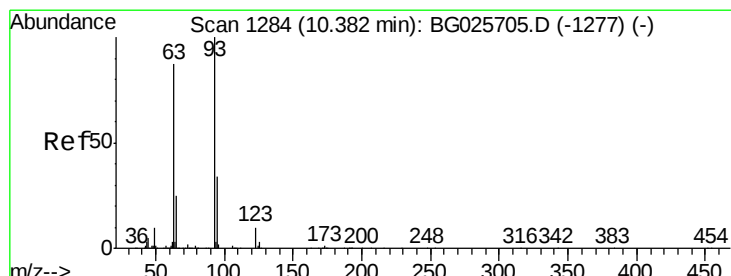
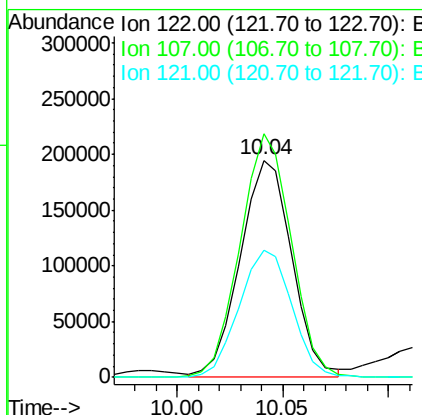




#27
2,4-Dimethylphenol
Concen: 40.98 ng
RT: 10.04 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

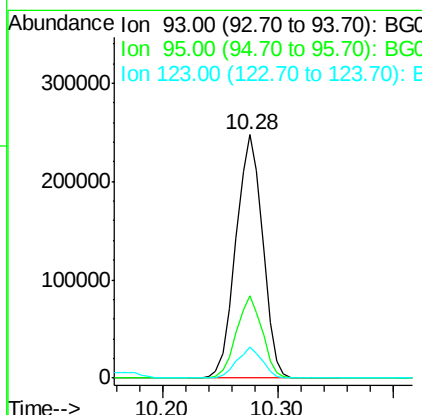
Instrument :
BNA_G
ClientSampleId :
PB97225BS

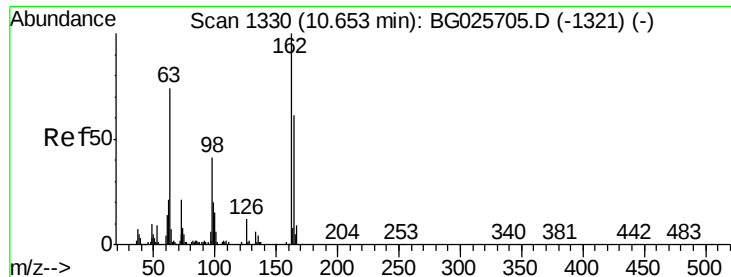
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.1	104.2	156.4
121	58.3	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 33.37 ng
RT: 10.28 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.7	38.5
123	12.7	8.3	12.5

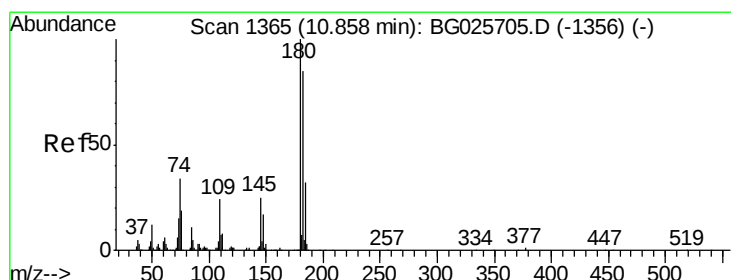
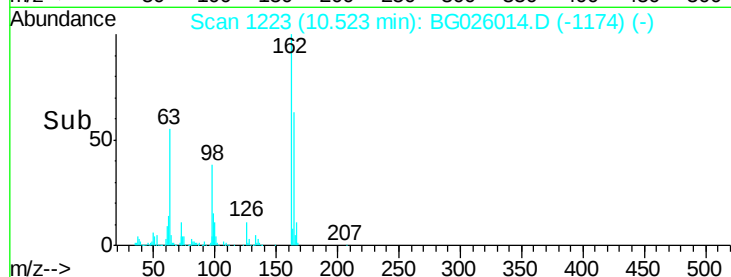
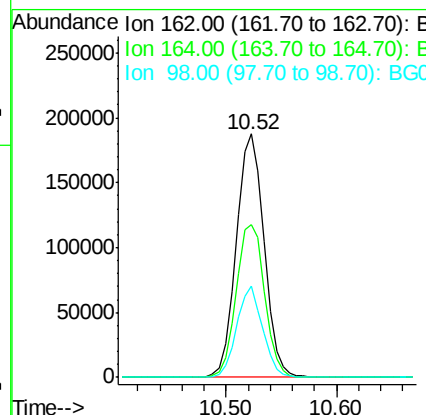
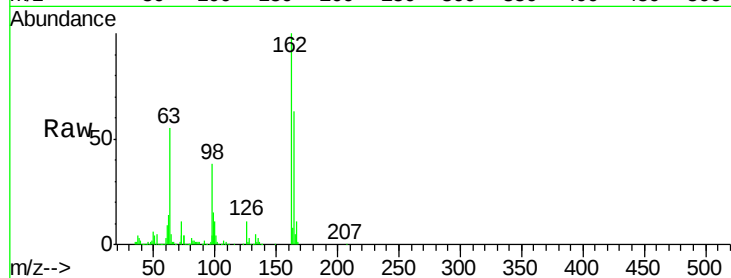




#29
2,4-Dichlorophenol
Concen: 43.26 ng
RT: 10.52 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

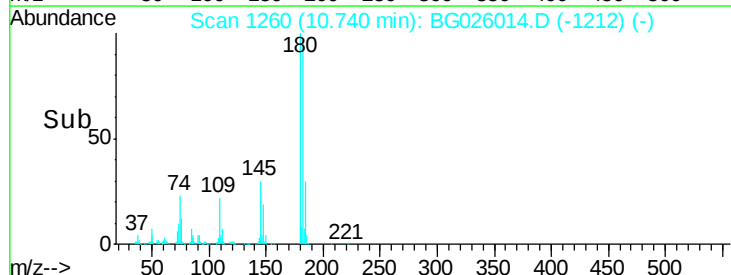
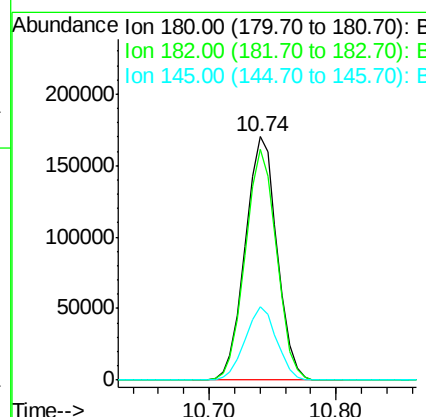
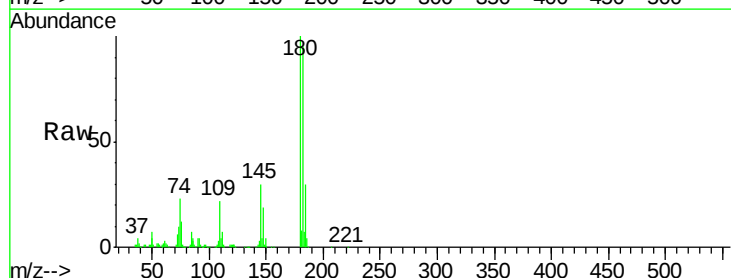
Instrument :
BNA_G
ClientSampleId :
PB97225BS

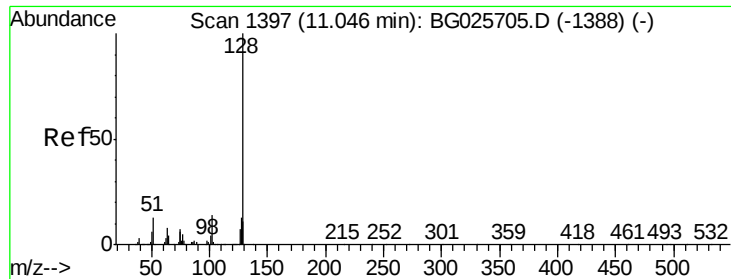
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	42.4	82.4
98	37.5	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 35.51 ng
RT: 10.74 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.0	115.4
145	30.0	23.4	35.0

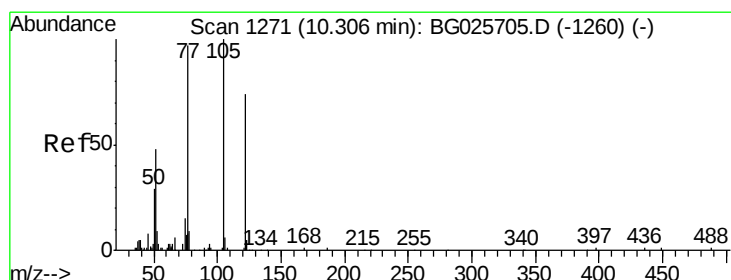
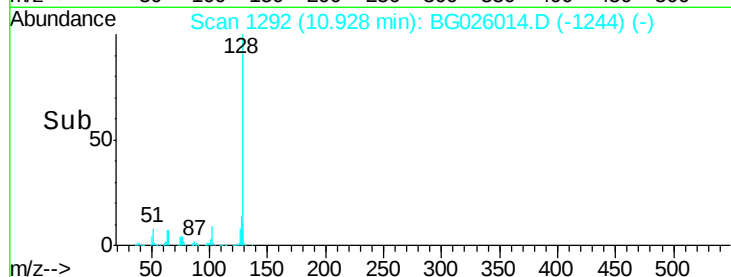
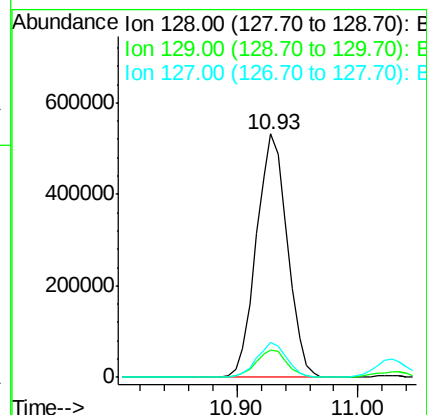
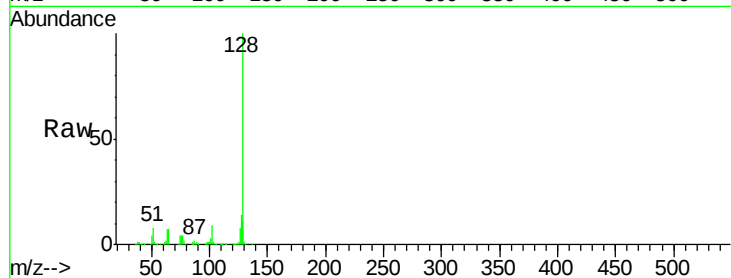




#31
Naphthalene
Concen: 34.03 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

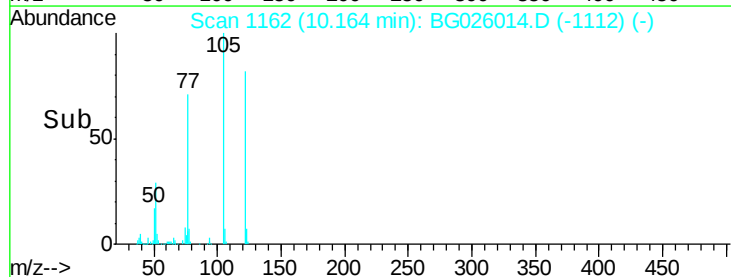
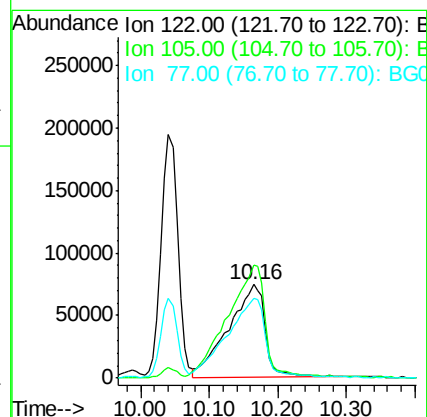
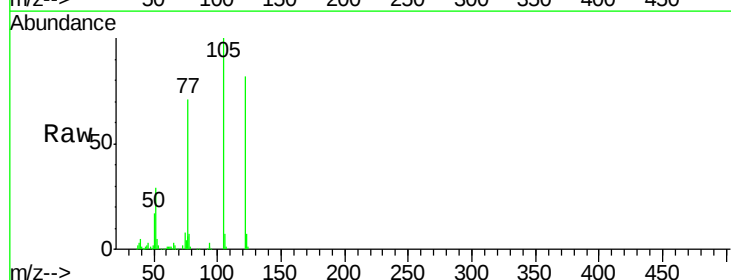
Instrument :
BNA_G
ClientSampleId :
PB97225BS

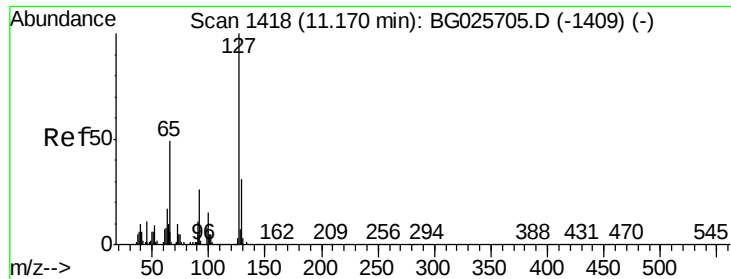
Tgt Ion:128 Resp: 945530
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 14.3 11.4 17.0



#32
Benzoic acid
Concen: 44.77 ng
RT: 10.16 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion:122 Resp: 274763
Ion Ratio Lower Upper
122 100
105 121.2 120.1 160.1
77 85.9 104.6 144.6#

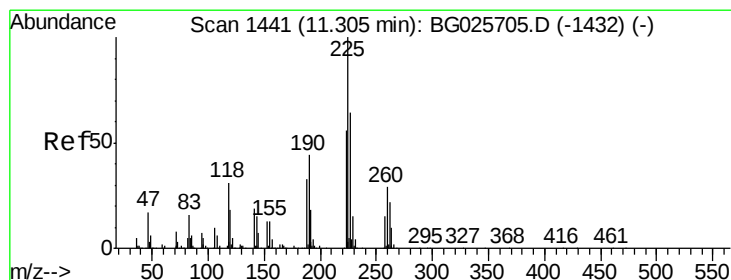
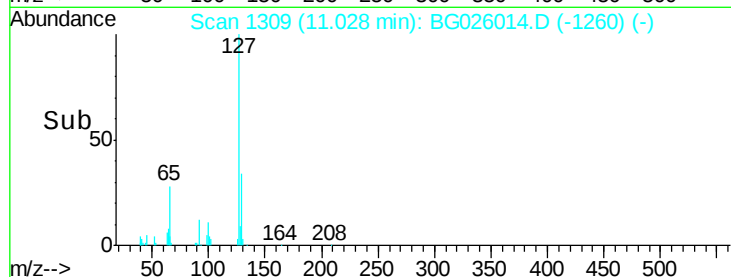
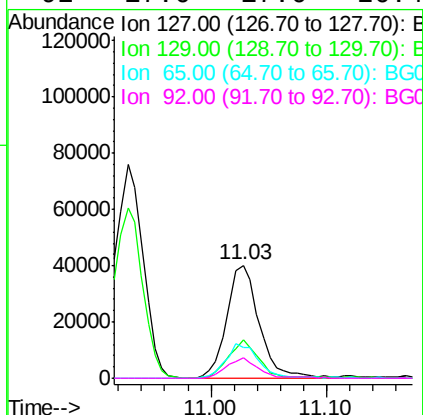
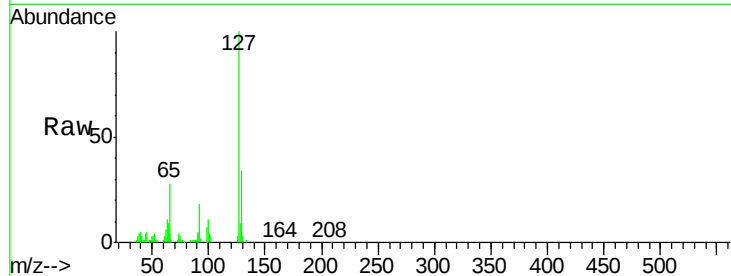




#33
4-Chloroaniline
Concen: 6.50 ng
RT: 11.03 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

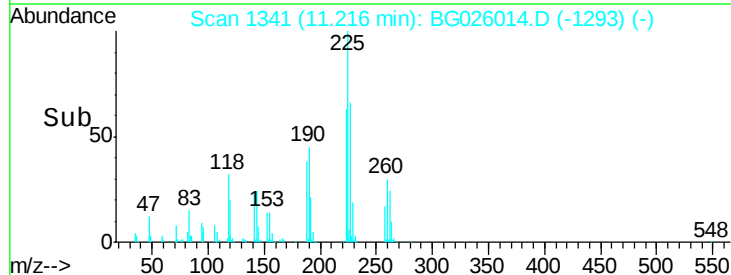
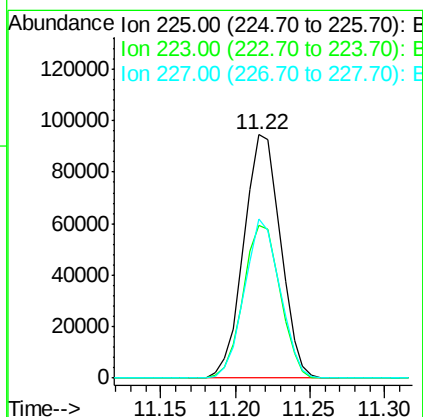
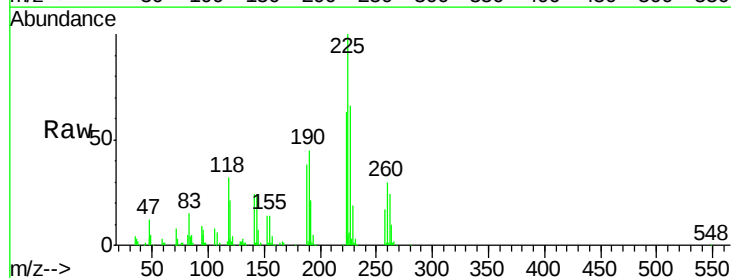
Instrument :
BNA_G
ClientSampleId :
PB97225BS

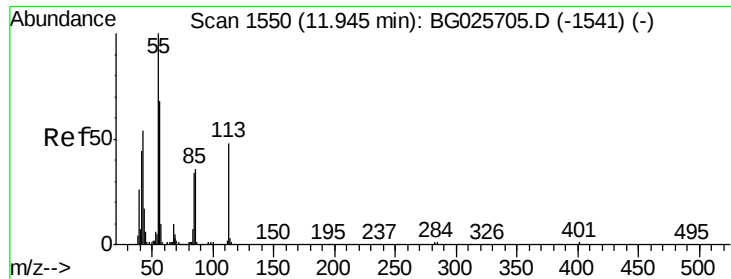
Tgt Ion:	127	Resp:	78417
Ion Ratio	Lower	Upper	
127	100		
129	33.5	23.6	35.4
65	27.7	37.7	56.5#
92	17.6	17.6	26.4



#34
Hexachlorobutadiene
Concen: 33.91 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion:	225	Resp:	160977
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.7	76.1
227	65.6	49.0	73.6

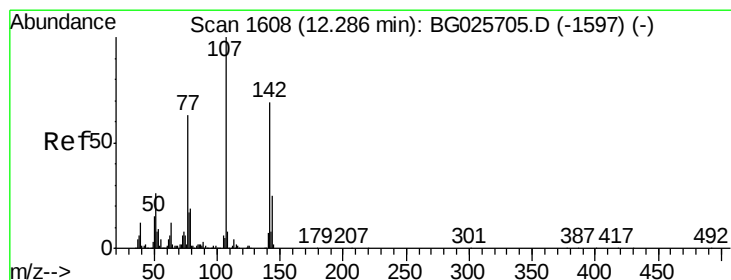
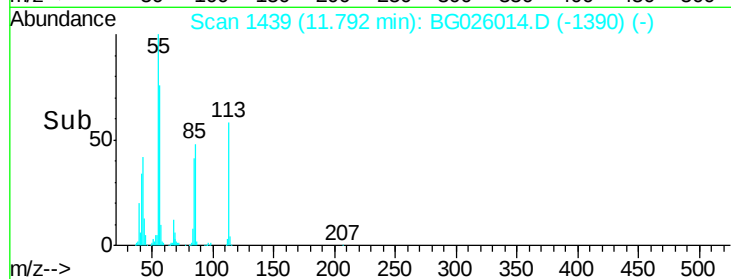
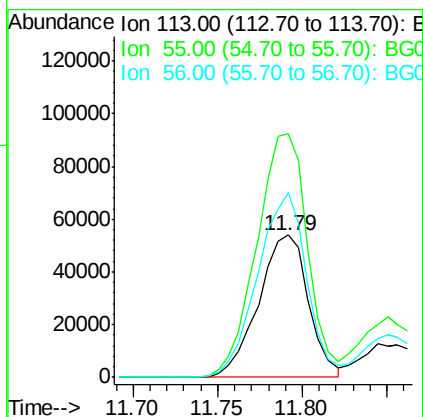
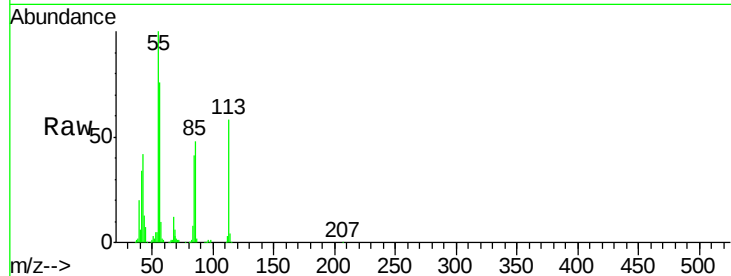




#35
 Caprolactam
 Concen: 35.77 ng
 RT: 11.79 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

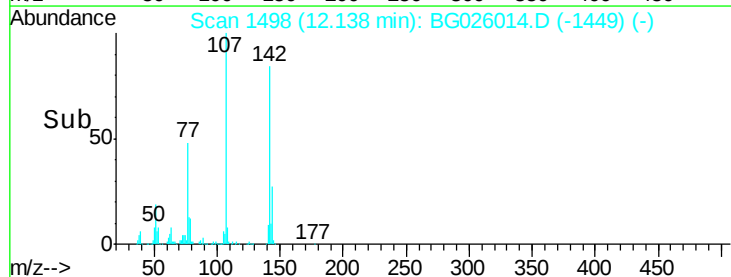
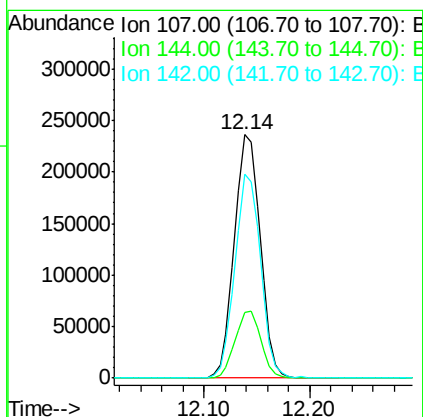
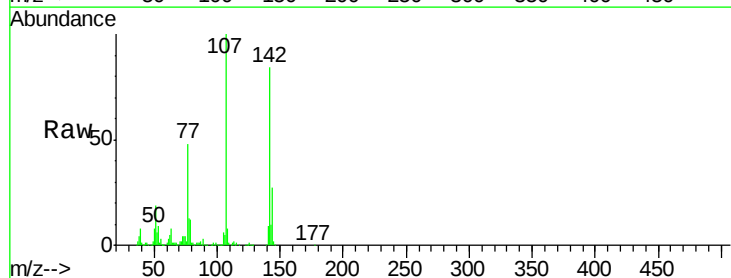
Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

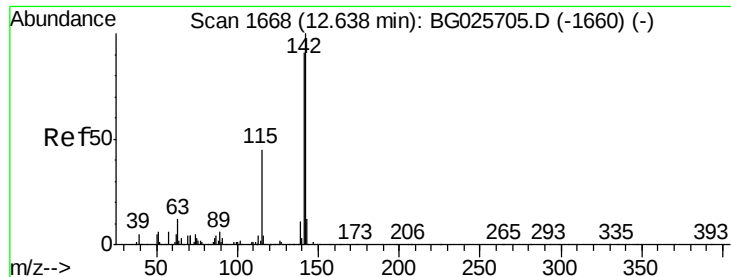
Tgt Ion:113 Resp: 110809
 Ion Ratio Lower Upper
 113 100
 55 171.0 198.6 238.6#
 56 129.7 140.4 180.4#



#36
 4-Chloro-3-methylphenol
 Concen: 43.80 ng
 RT: 12.14 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion:107 Resp: 402010
 Ion Ratio Lower Upper
 107 100
 144 26.8 17.4 26.0#
 142 83.6 54.1 81.1#

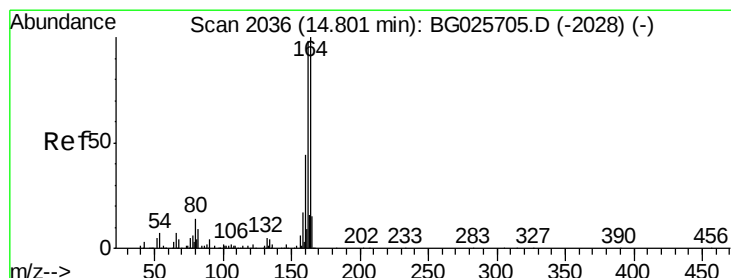
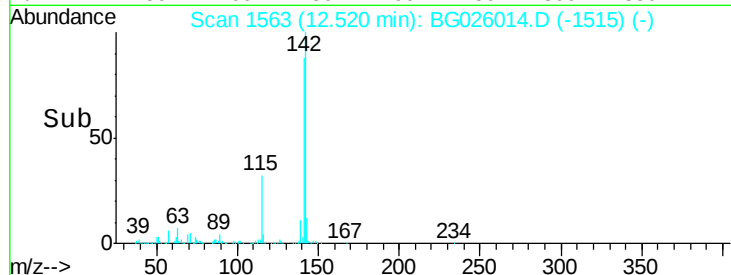
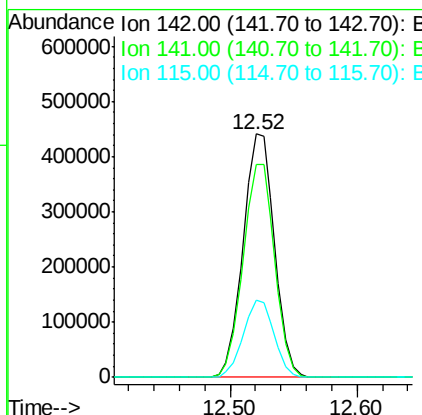
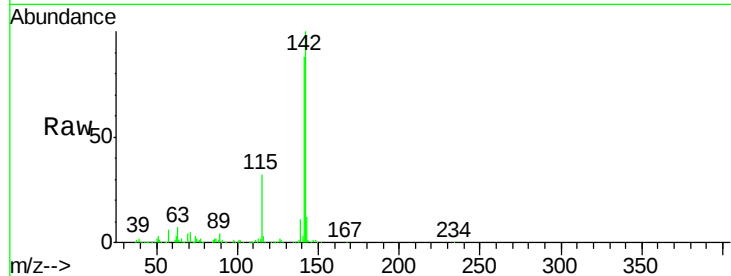




#37
 2-Methylnaphthalene
 Concen: 35.64 ng
 RT: 12.52 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

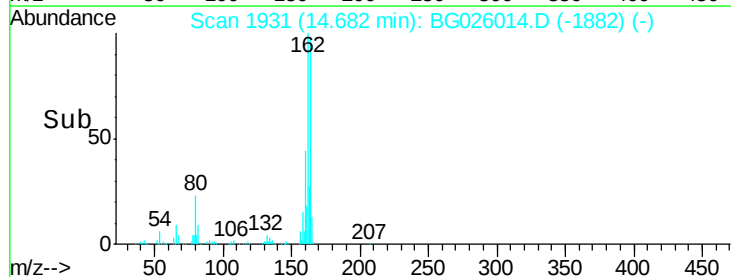
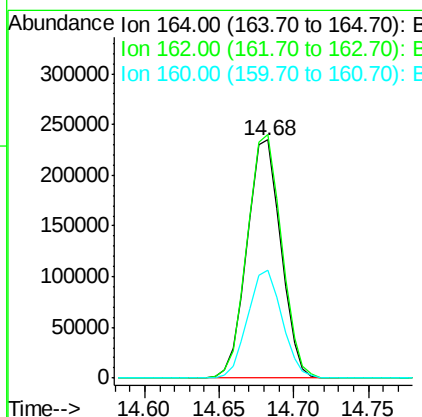
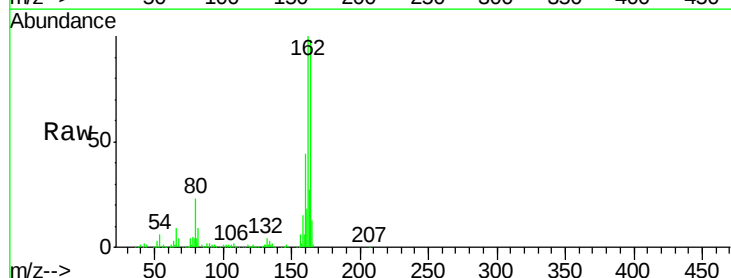
Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

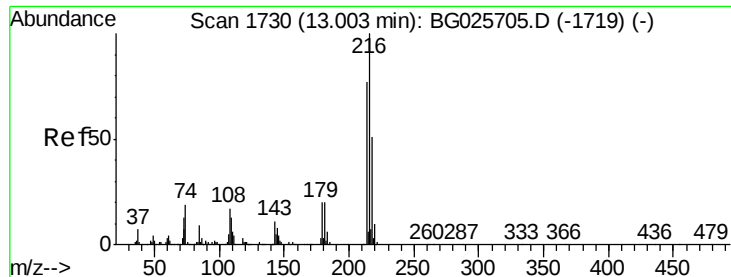
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	31.9	35.5	53.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	85.1	127.7
160	45.2	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.55 ng

RT: 12.89 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

Tgt Ion:216 Resp: 335972

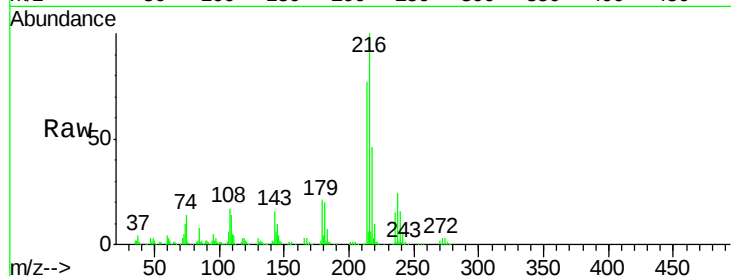
Ion Ratio Lower Upper

216 100

214 79.6 64.4 96.6

179 21.2 17.4 26.0

108 19.8 15.6 23.4

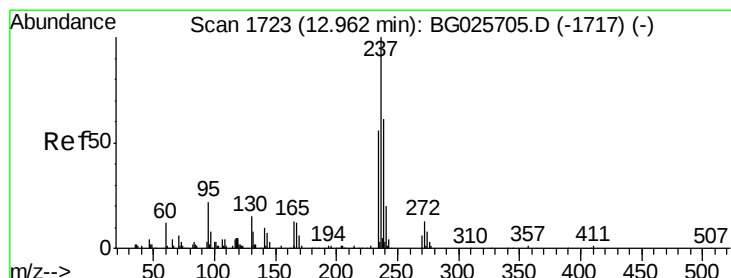
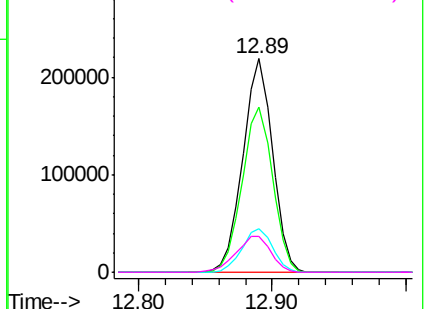
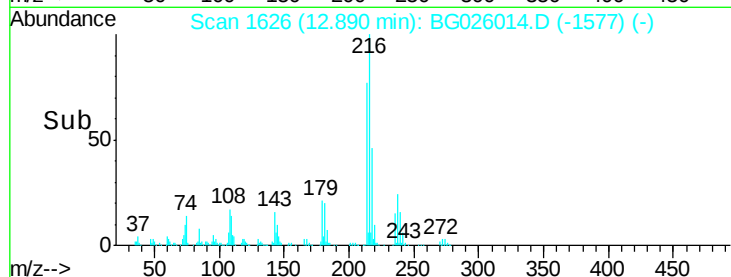


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.40 ng

RT: 12.87 min Scan# 1623

Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

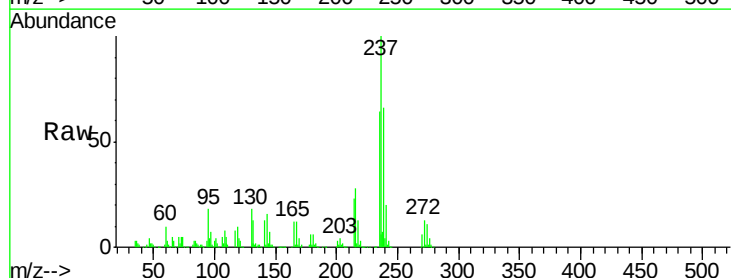
Tgt Ion:237 Resp: 379306

Ion Ratio Lower Upper

237 100

235 64.5 39.4 79.4

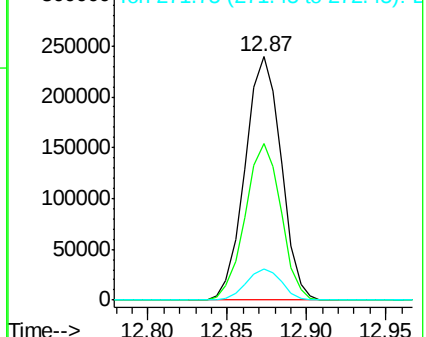
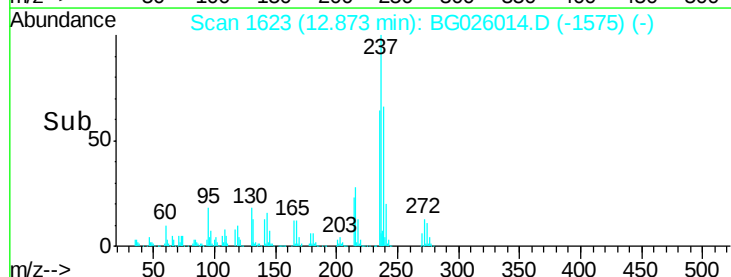
272 12.9 0.0 32.0

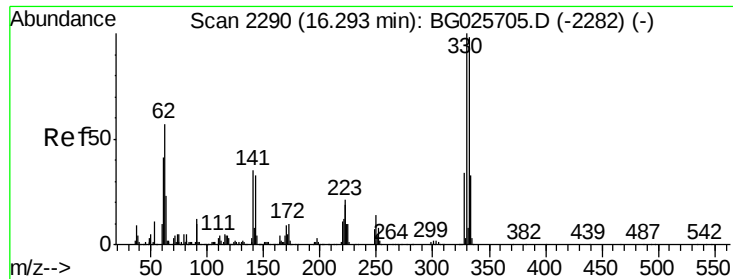


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

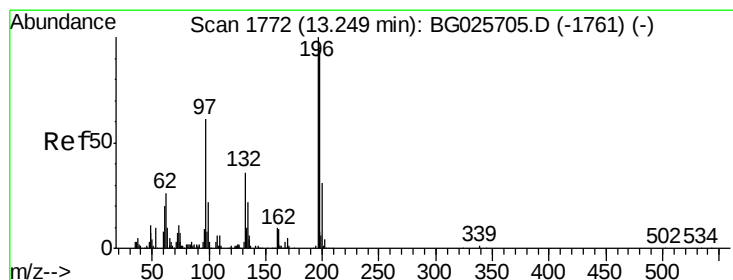
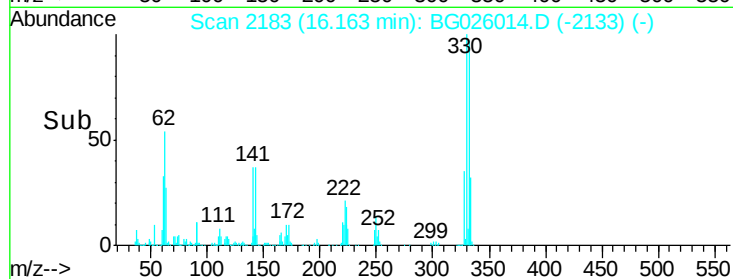
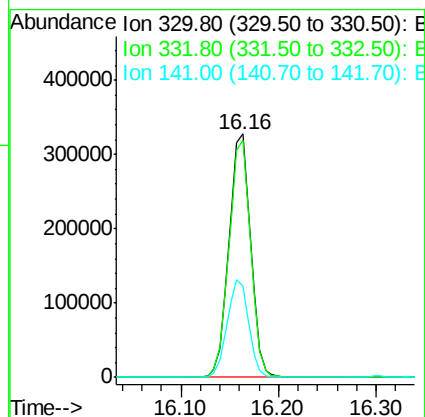
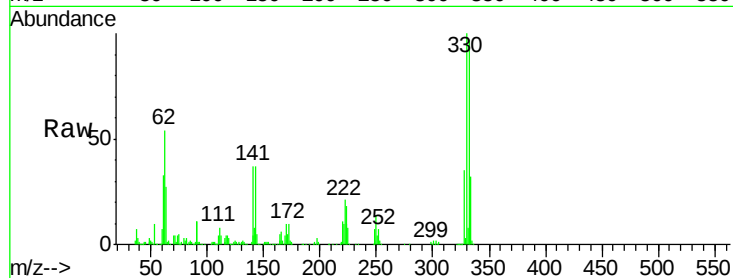




#41
 2,4,6-Tribromophenol
 Concen: 149.28 ng
 RT: 16.16 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

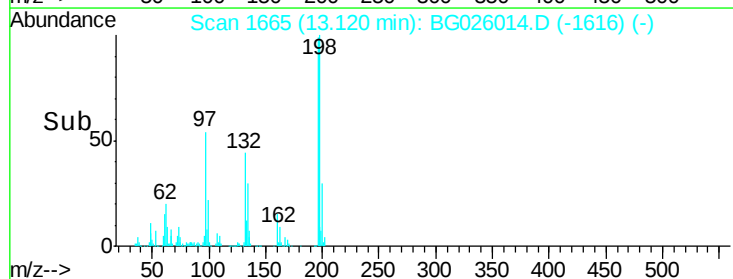
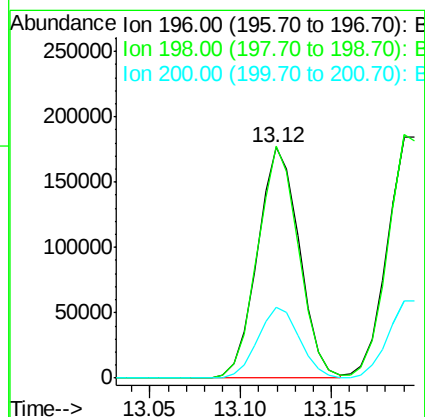
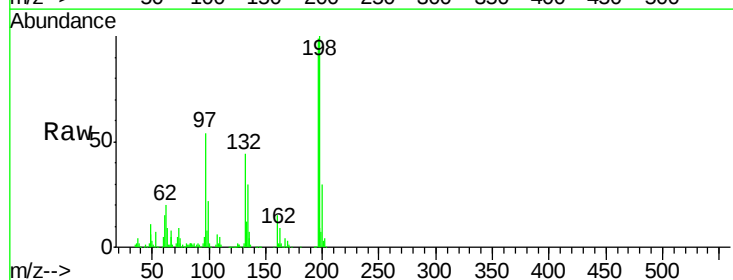
Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

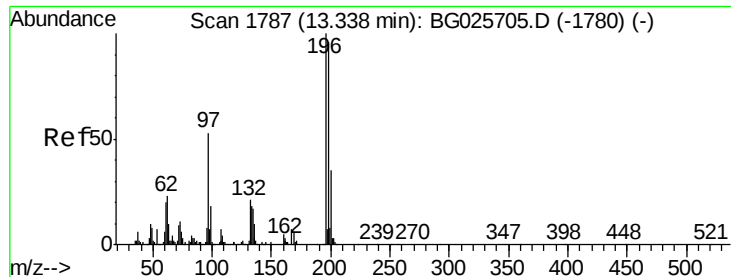
Tgt Ion:330 Resp: 505875
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 39.6 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 47.44 ng
 RT: 13.12 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion:196 Resp: 281685
 Ion Ratio Lower Upper
 196 100
 198 100.8 81.4 122.2
 200 30.6 27.0 40.6

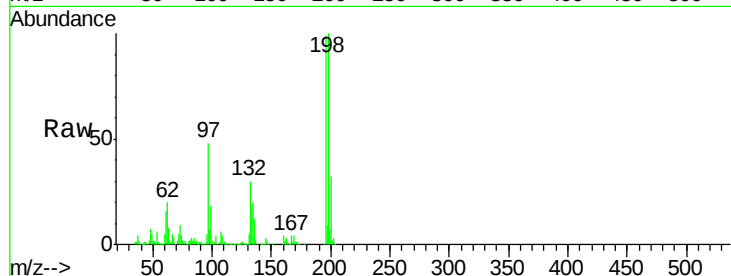




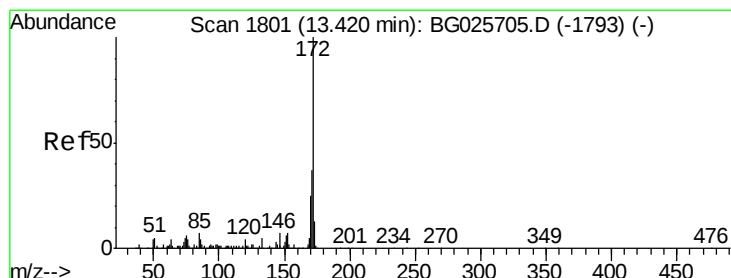
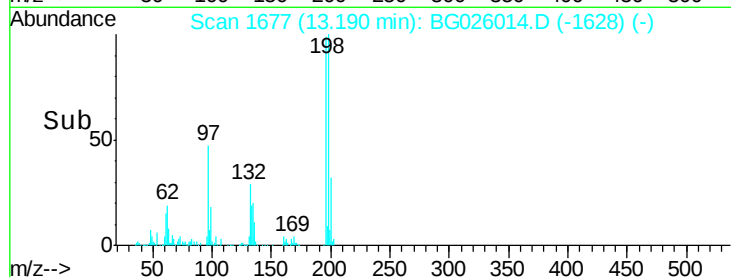
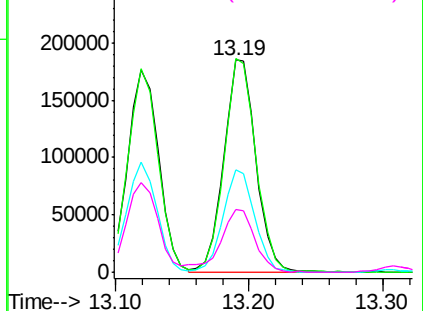
#43
 2,4,5-Trichlorophenol
 Concen: 46.05 ng
 RT: 13.19 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.8	79.9	119.9
97	48.3	45.4	68.0
132	29.8	20.7	31.1



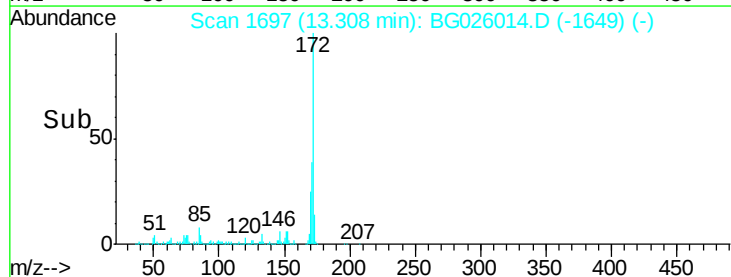
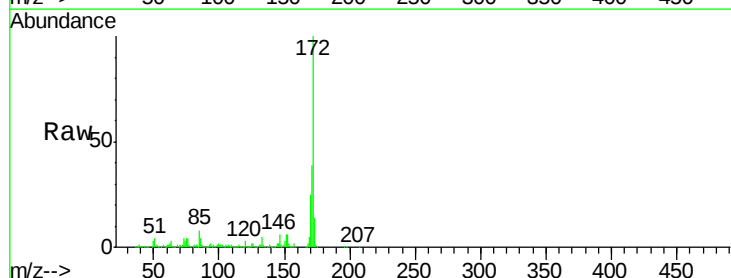
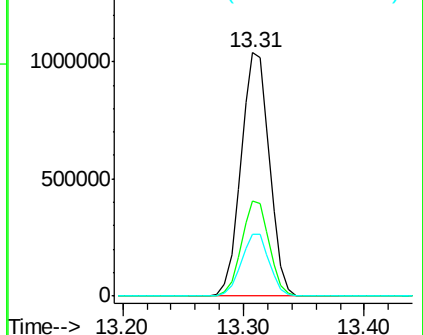
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

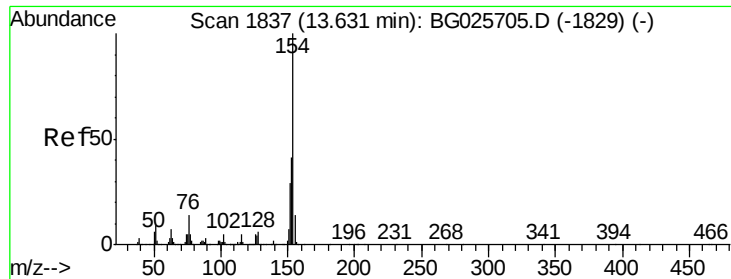


#44
 2-Fluorobiphenyl
 Concen: 80.75 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	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

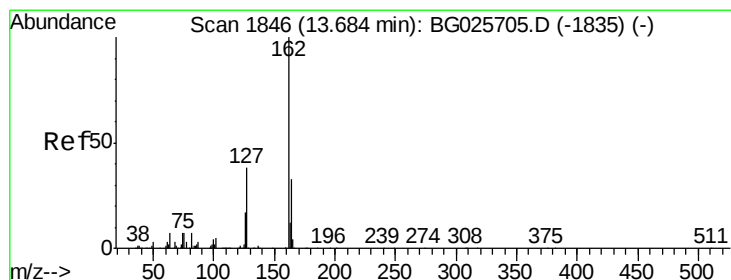
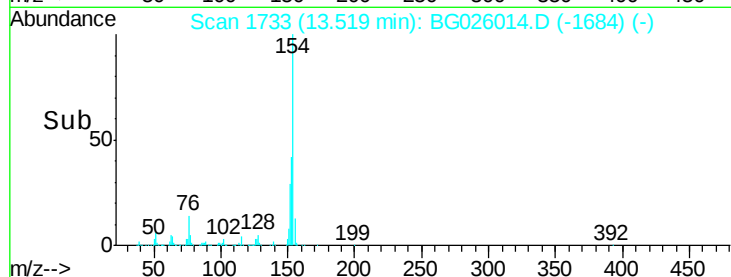
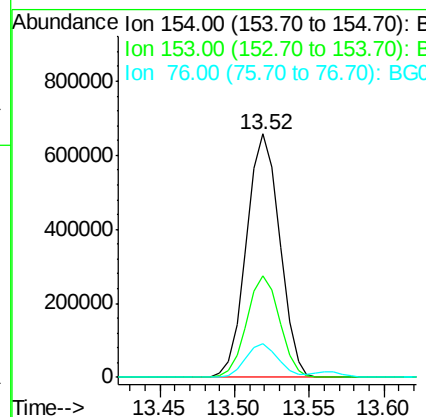
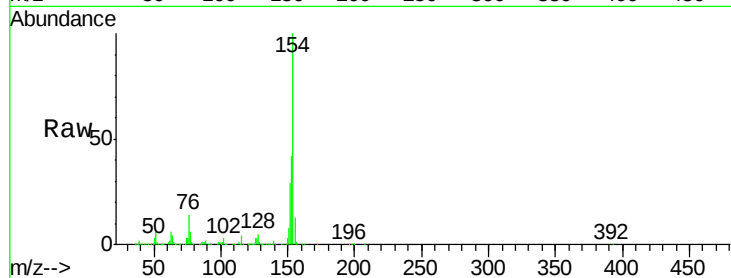




#45
 1,1'-Biphenyl
 Concen: 38.17 ng
 RT: 13.52 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

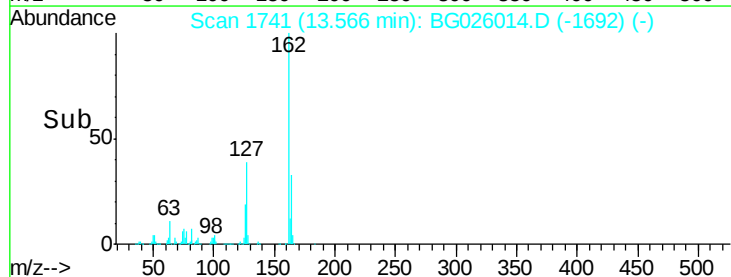
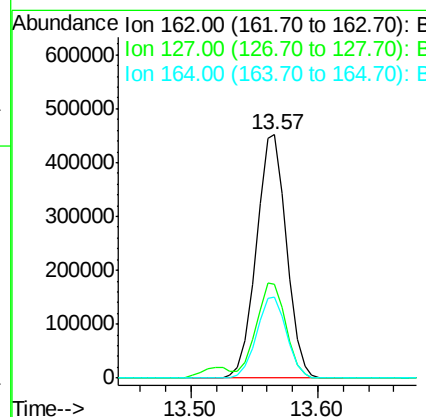
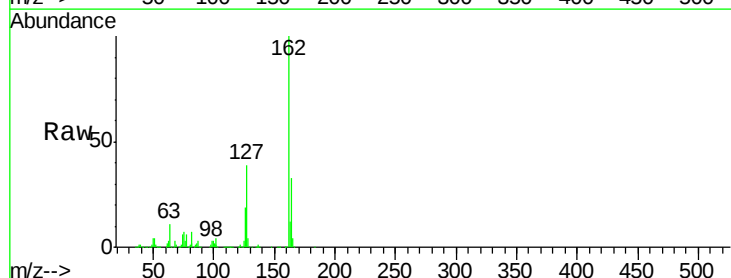
Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

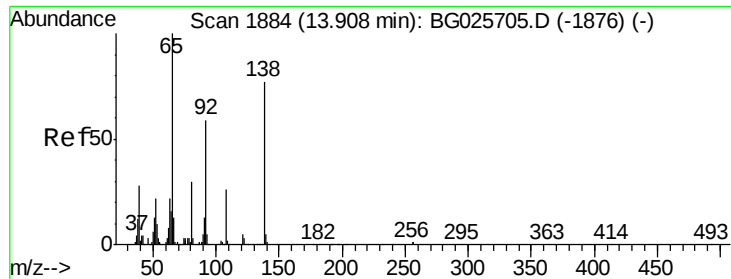
Tgt Ion:154 Resp: 1014685
 Ion Ratio Lower Upper
 154 100
 153 41.9 23.0 63.0
 76 13.7 0.0 33.5



#46
 2-Chloronaphthalene
 Concen: 38.92 ng
 RT: 13.57 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion:162 Resp: 747794
 Ion Ratio Lower Upper
 162 100
 127 38.7 32.2 48.4
 164 33.4 27.3 40.9

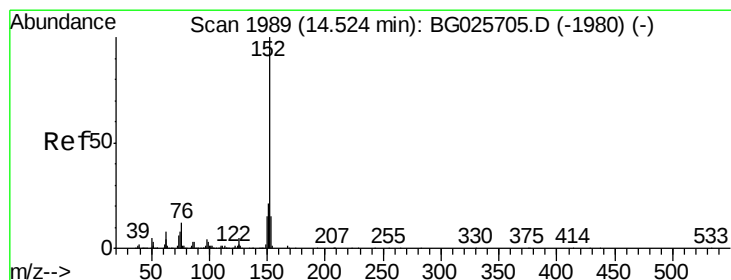
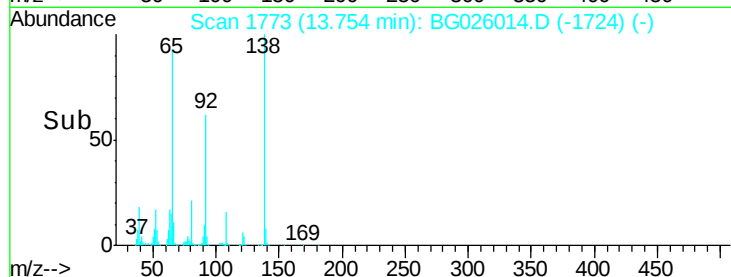
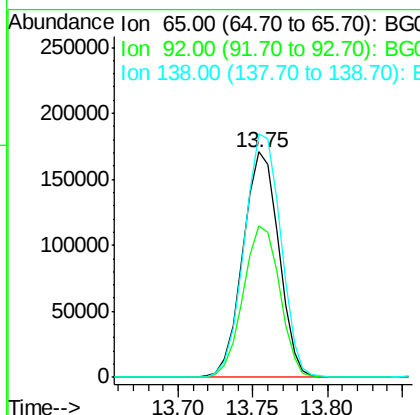
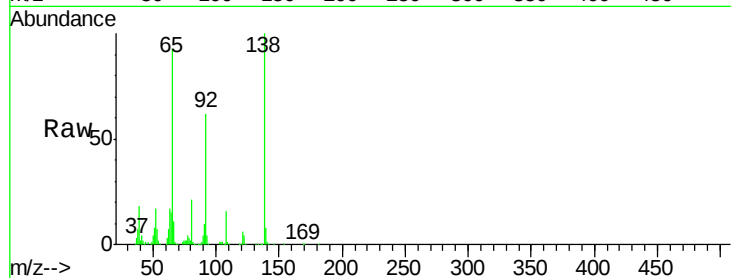




#47
2-Nitroaniline
Concen: 46.70 ng
RT: 13.75 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

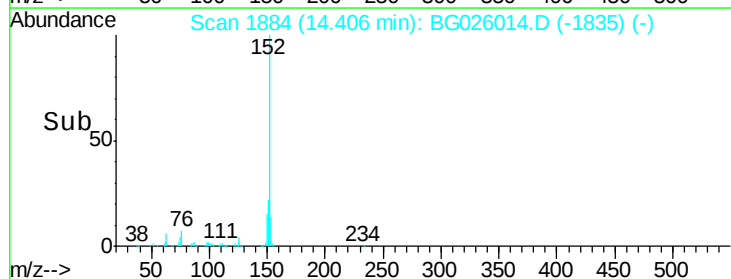
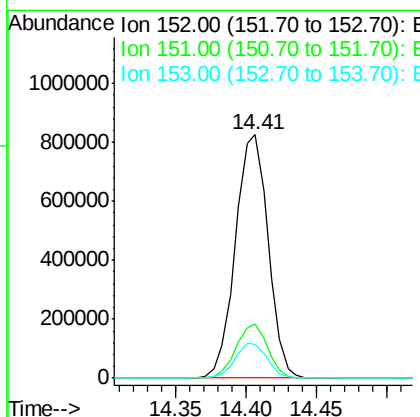
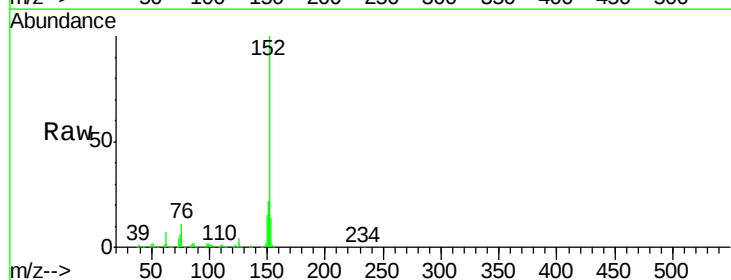
Instrument :
BNA_G
ClientSampleId :
PB97225BS

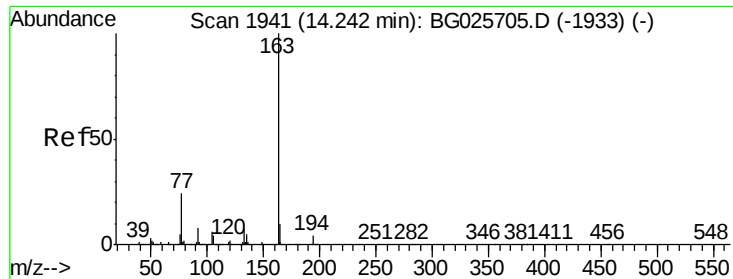
Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	49.0	73.4
138	108.0	58.6	87.8#



#48
Acenaphthylene
Concen: 39.03 ng
RT: 14.41 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	18.2	27.2
153	13.9	11.3	16.9





#49

Dimethylphthalate

Concen: 41.70 ng

RT: 14.13 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

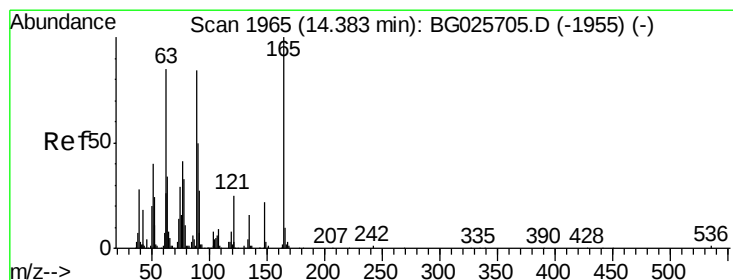
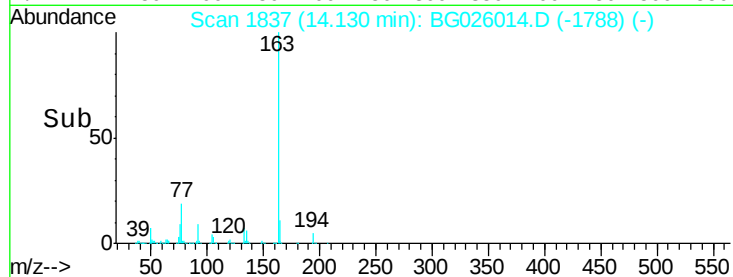
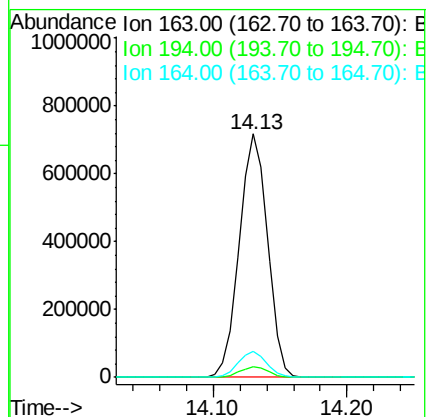
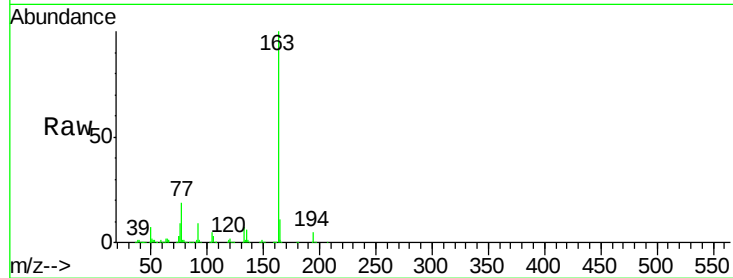
Tgt Ion:163 Resp: 1049286

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

164 10.5 9.3 13.9



#50

2,6-Dinitrotoluene

Concen: 44.31 ng

RT: 14.25 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

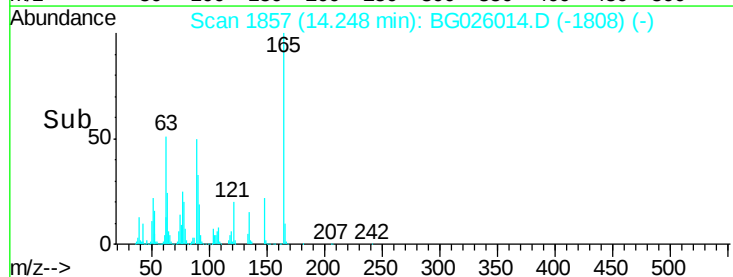
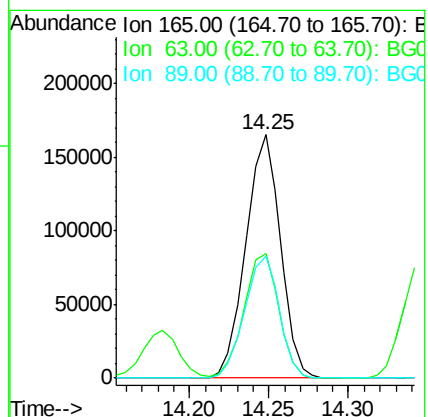
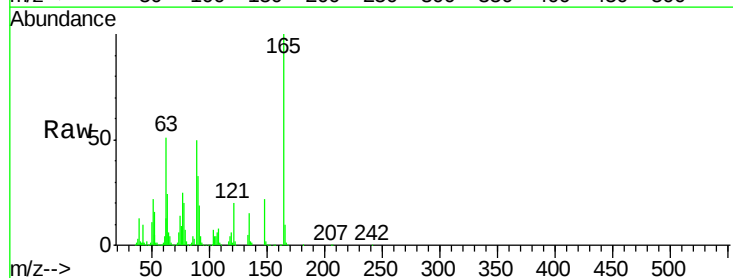
Tgt Ion:165 Resp: 250429

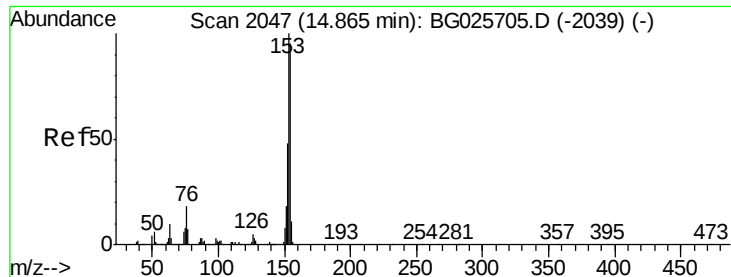
Ion Ratio Lower Upper

165 100

63 51.3 63.9 95.9#

89 50.3 58.6 88.0#





#51

Acenaphthene

Concen: 38.61 ng

RT: 14.75 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

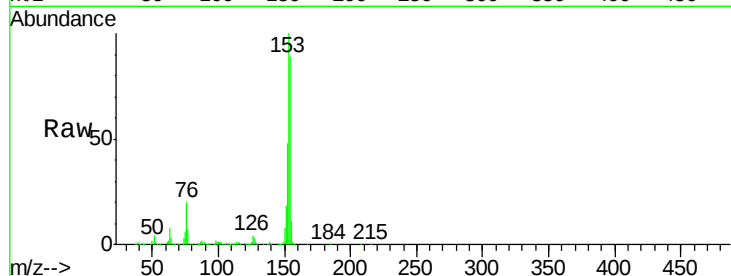
Tgt Ion:154 Resp: 872457

Ion Ratio Lower Upper

154 100

153 112.7 87.8 131.6

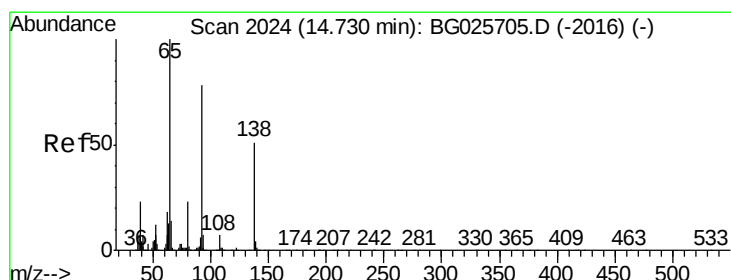
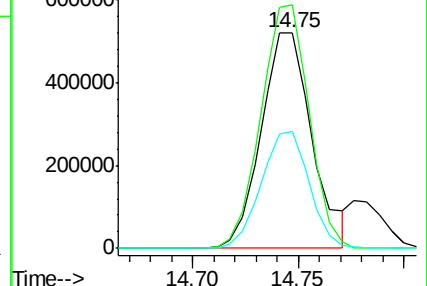
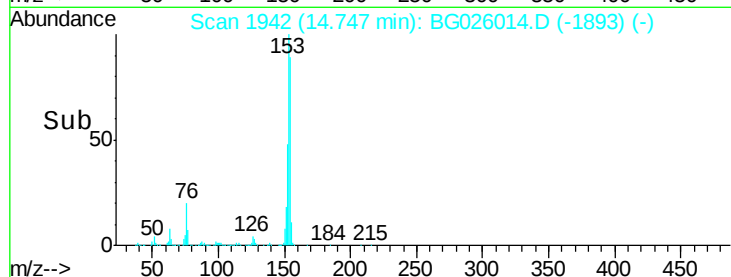
152 54.3 42.2 63.4



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: 19.23 ng

RT: 14.57 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

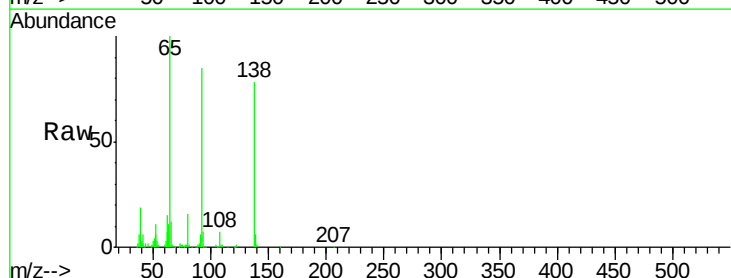
Tgt Ion:138 Resp: 121566

Ion Ratio Lower Upper

138 100

108 8.8 10.9 16.3#

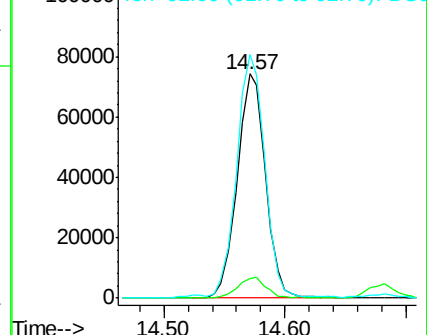
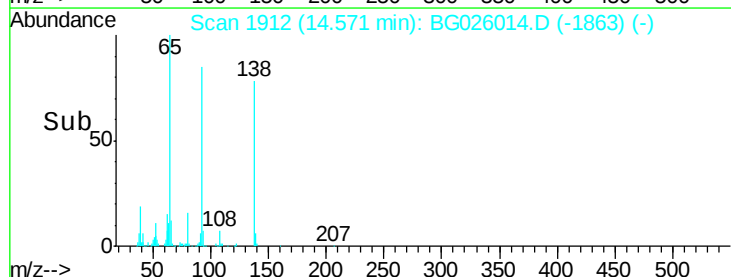
92 108.7 115.3 172.9#

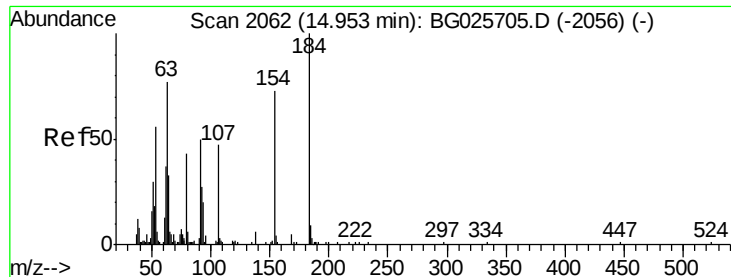


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

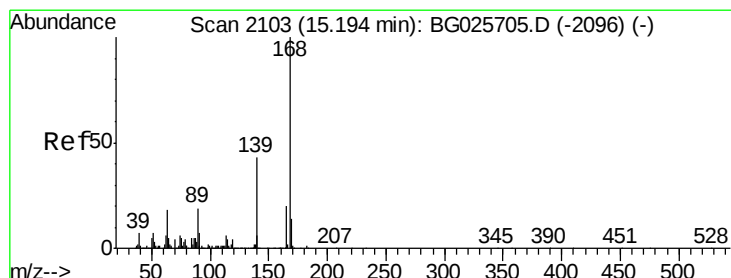
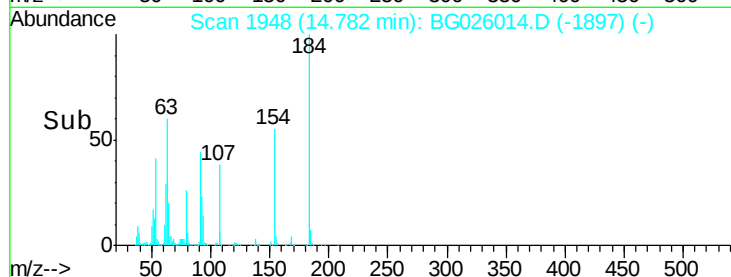
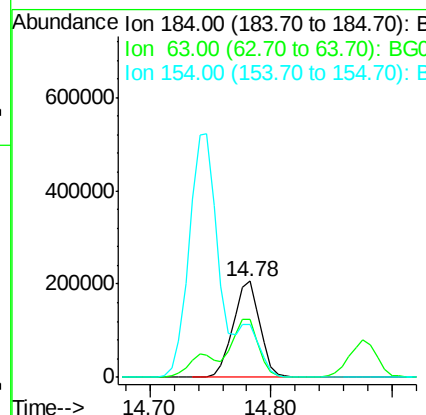
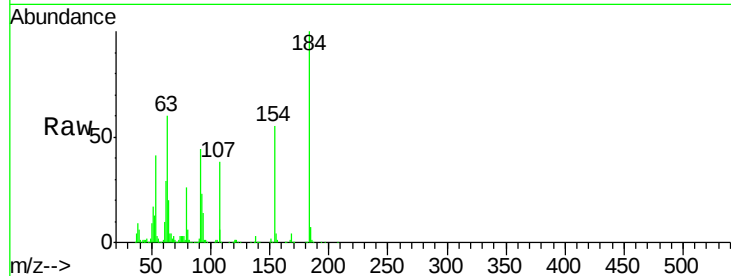




#53
2,4-Dinitrophenol
Concen: 107.62 ng
RT: 14.78 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

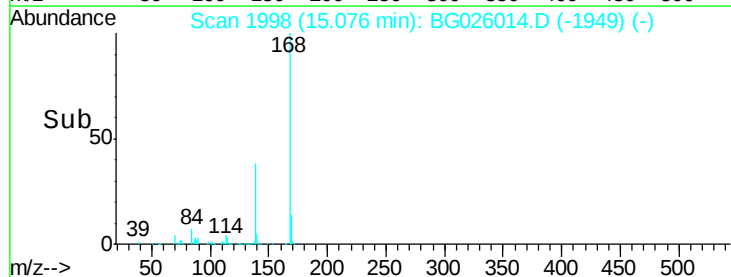
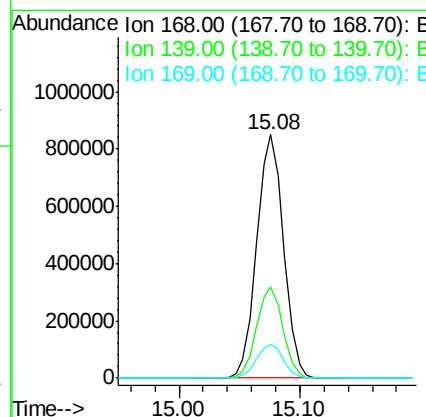
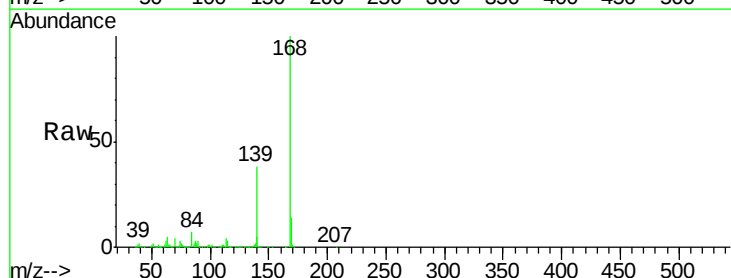
Instrument :
BNA_G
ClientSampleId :
PB97225BS

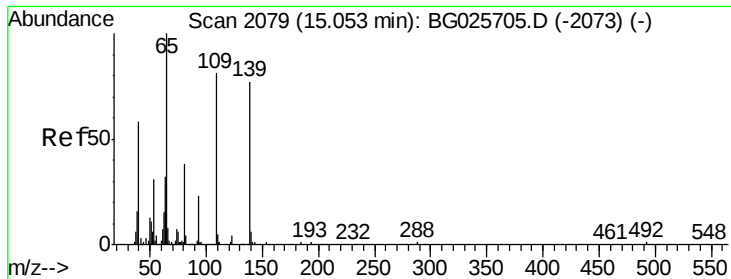
Tgt Ion:184 Resp: 318339
Ion Ratio Lower Upper
184 100
63 60.3 52.7 79.1
154 55.0 57.3 85.9#



#54
Dibenzofuran
Concen: 43.48 ng
RT: 15.08 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion:168 Resp: 1309750
Ion Ratio Lower Upper
168 100
139 37.6 35.3 52.9
169 13.9 11.5 17.3





#55

4-Nitrophenol

Concen: 93.50 ng

RT: 14.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

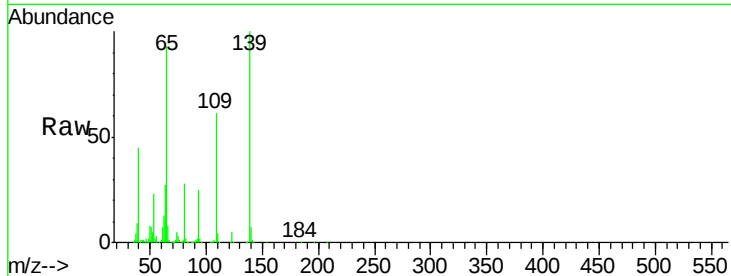
Tgt Ion:139 Resp: 481092

Ion Ratio Lower Upper

139 100

109 61.1 101.2 141.2#

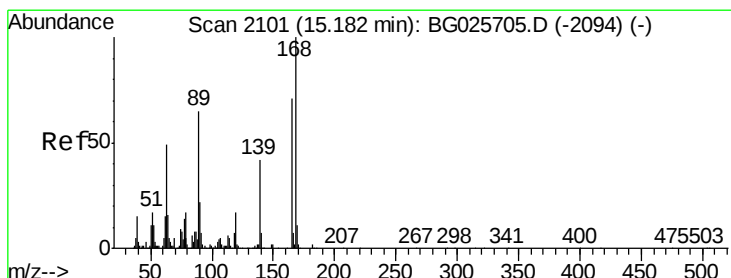
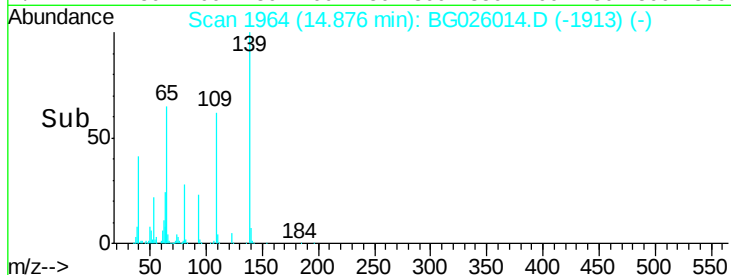
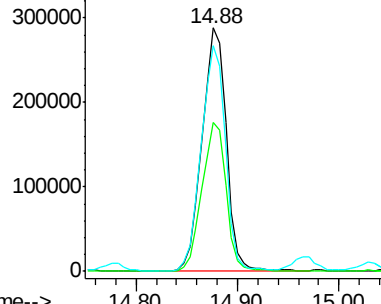
65 92.7 135.3 175.3#



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: 48.40 ng

RT: 15.03 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Tgt Ion:165 Resp: 368074

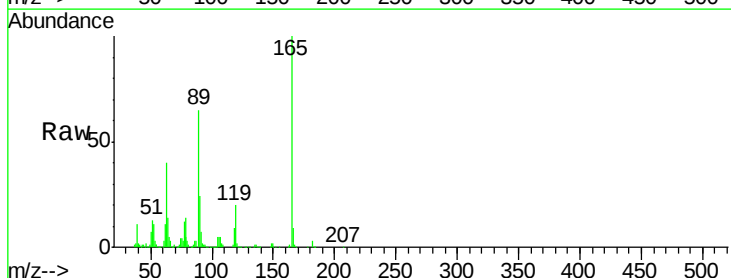
Ion Ratio Lower Upper

165 100

63 40.1 44.0 66.0#

89 65.3 67.3 100.9#

182 3.0 3.8 5.6#

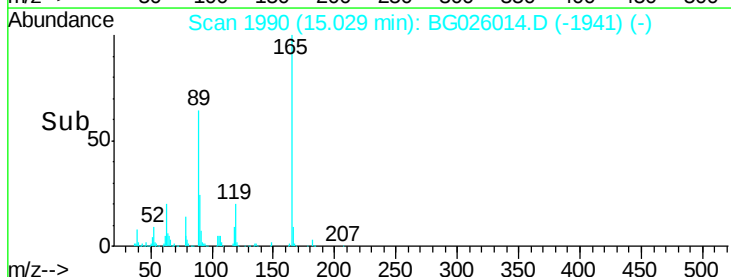
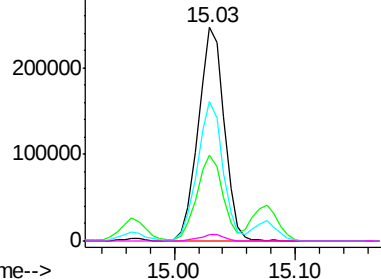


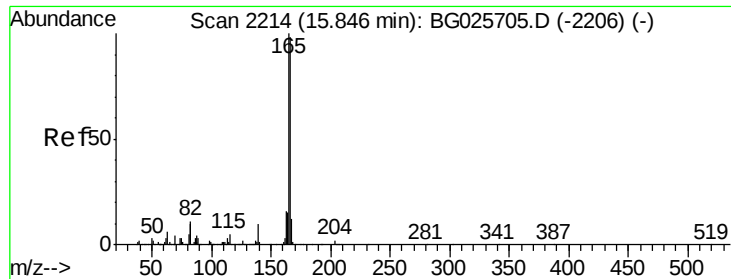
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.35 ng

RT: 15.72 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

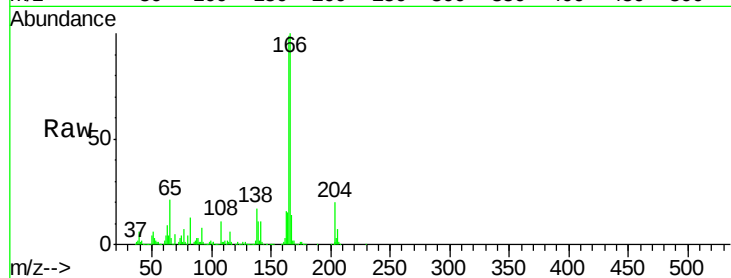
Tgt Ion:166 Resp: 1086046

Ion Ratio Lower Upper

166 100

165 98.6 78.6 117.8

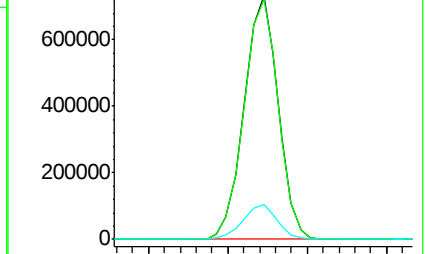
167 14.3 11.6 17.4



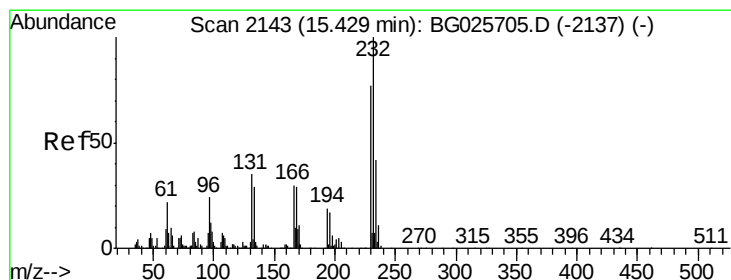
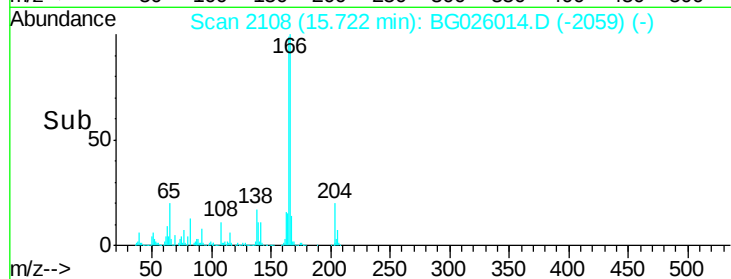
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.65 15.70 15.75 15.80



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.01 ng

RT: 15.30 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Tgt Ion:232 Resp: 297364

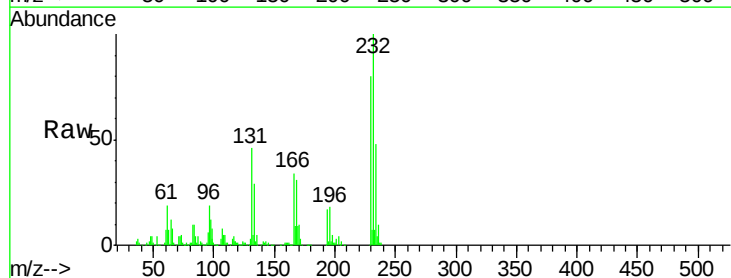
Ion Ratio Lower Upper

232 100

131 46.1 34.9 52.3

130 2.6 2.3 3.5

166 33.2 24.2 36.4

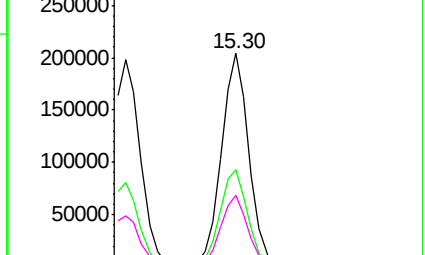


Abundance Ion 232.00 (231.70 to 232.70): E

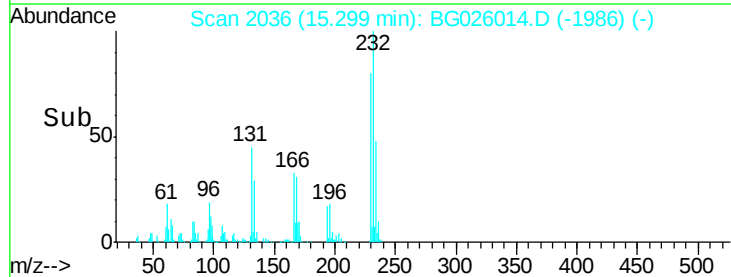
Ion 131.00 (130.70 to 131.70): E

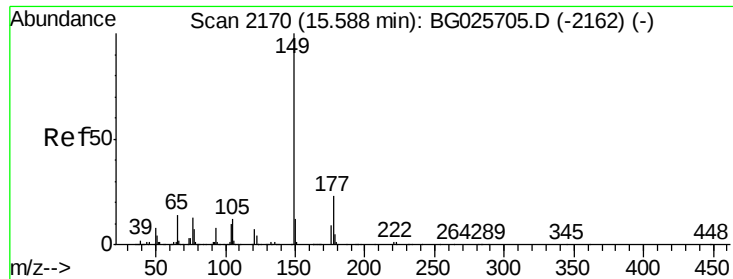
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time--> 15.30 15.40

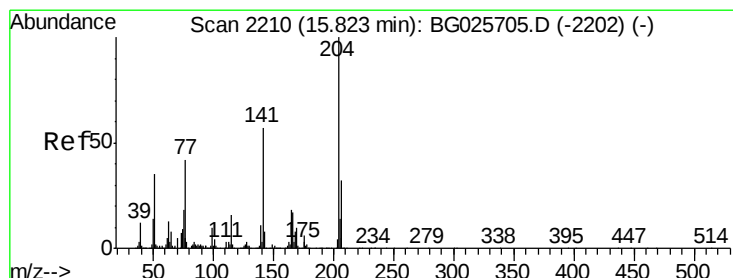
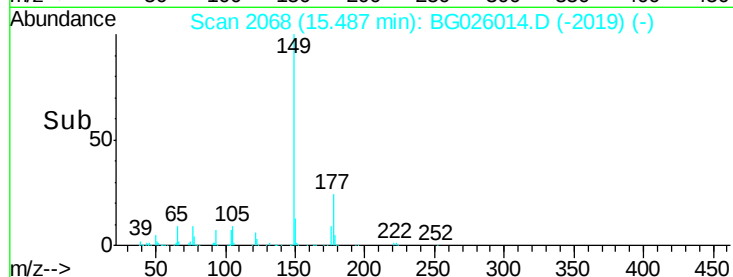
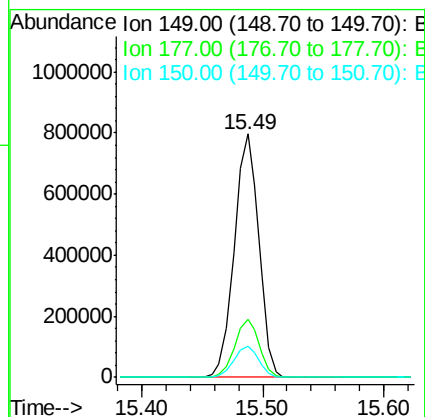
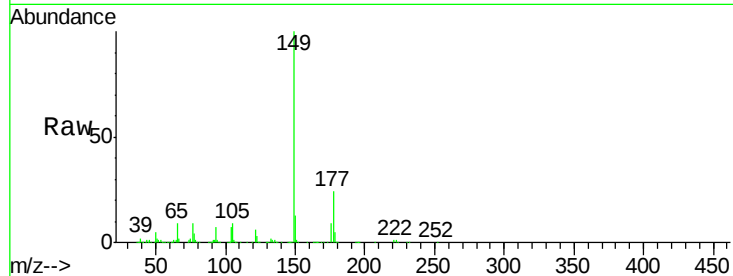




#59
Diethylphthalate
Concen: 43.19 ng
RT: 15.49 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

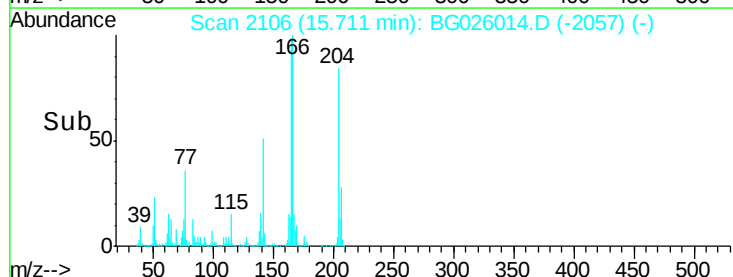
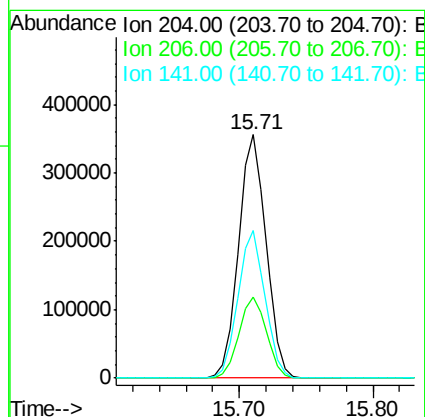
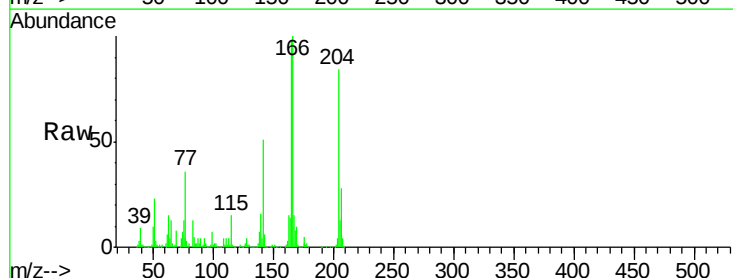
Instrument :
BNA_G
ClientSampleId :
PB97225BS

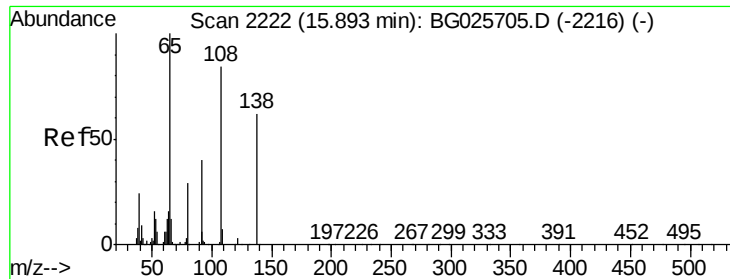
Tgt Ion:149 Resp: 1124173
Ion Ratio Lower Upper
149 100
177 23.9 20.1 30.1
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.60 ng
RT: 15.71 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion:204 Resp: 506391
Ion Ratio Lower Upper
204 100
206 33.5 30.1 45.1
141 60.5 50.6 76.0

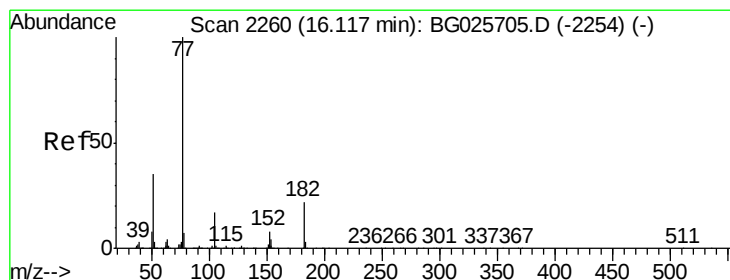
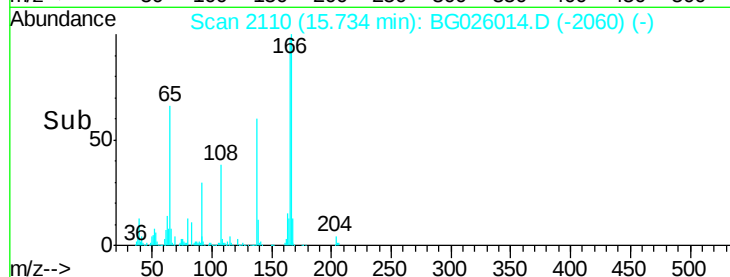
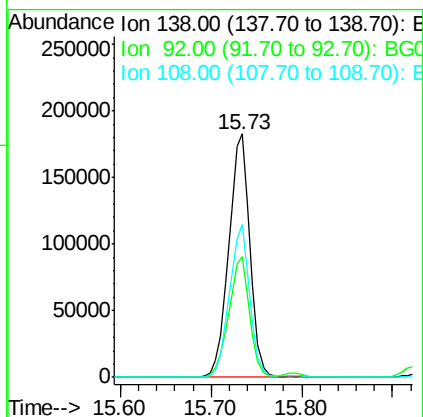
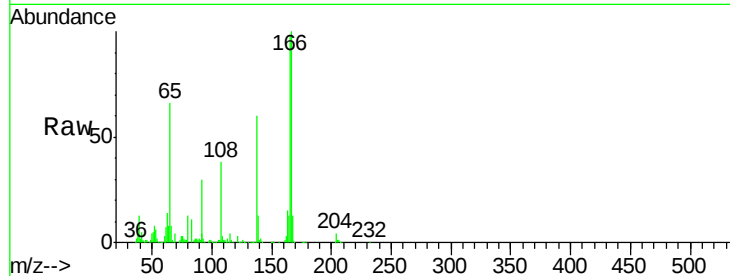




#61
4-Nitroaniline
Concen: 45.35 ng
RT: 15.73 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

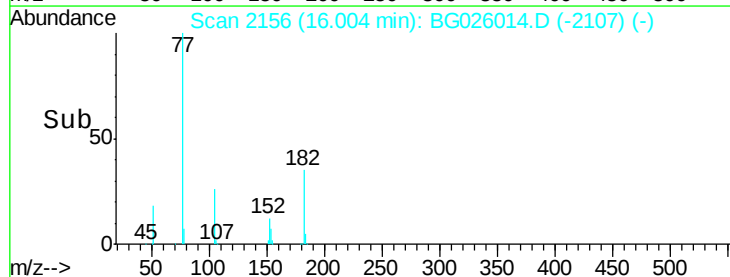
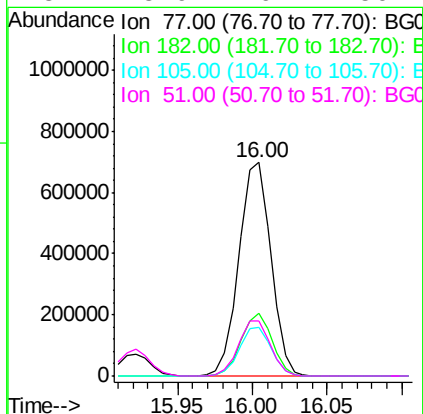
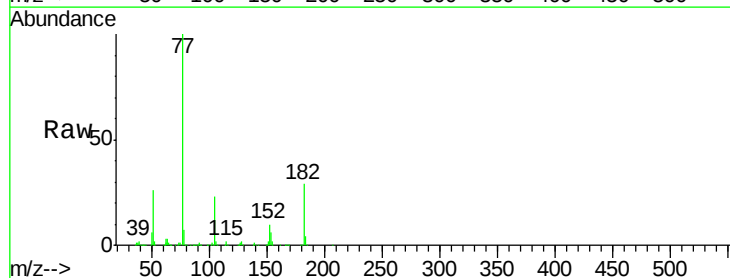
Instrument :
BNA_G
ClientSampleId :
PB97225BS

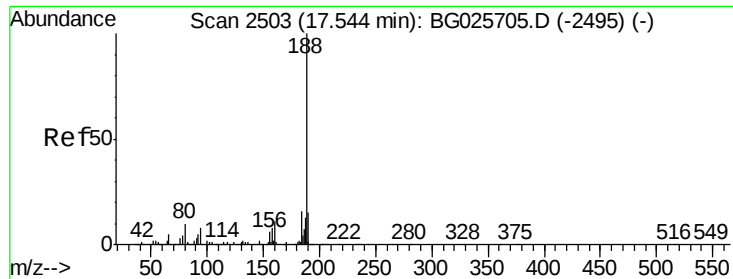
Tgt Ion: 138 Resp: 297219
Ion Ratio Lower Upper
138 100
92 49.6 44.2 84.2
108 62.8 104.8 144.8#



#62
Azobenzene
Concen: 46.49 ng
RT: 16.00 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion: 77 Resp: 1040164
Ion Ratio Lower Upper
77 100
182 29.4 4.7 44.7
105 22.5 0.0 36.3
51 25.9 16.4 56.4

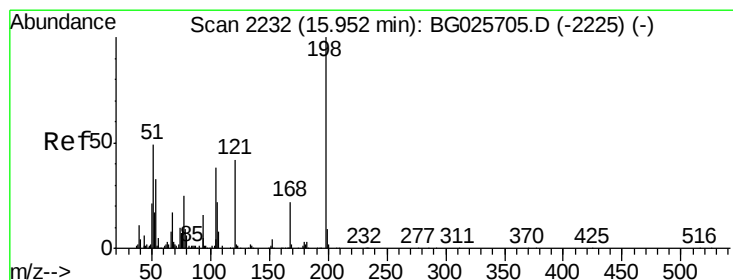
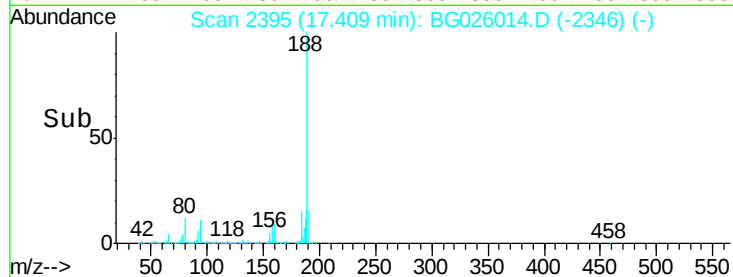
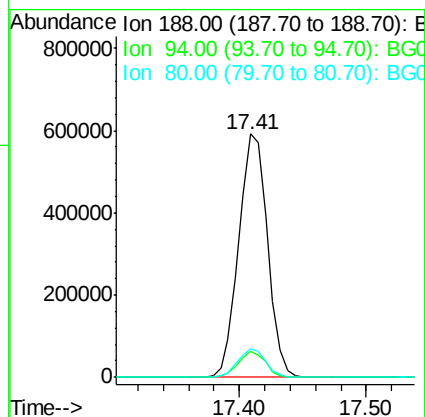
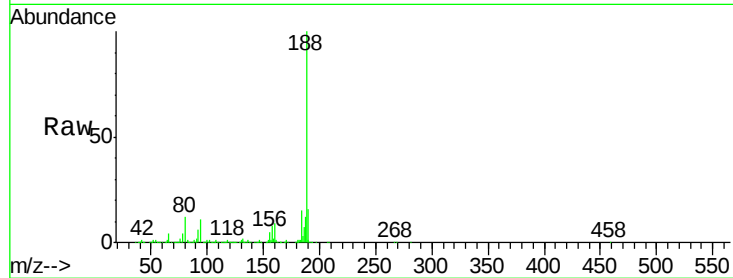




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

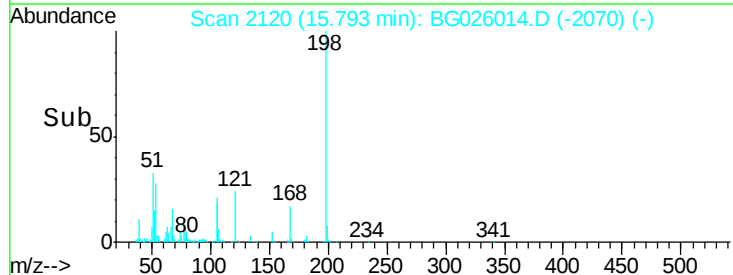
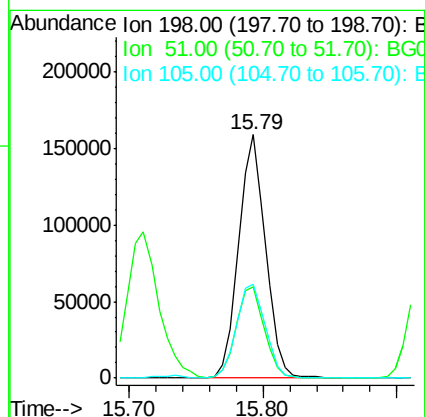
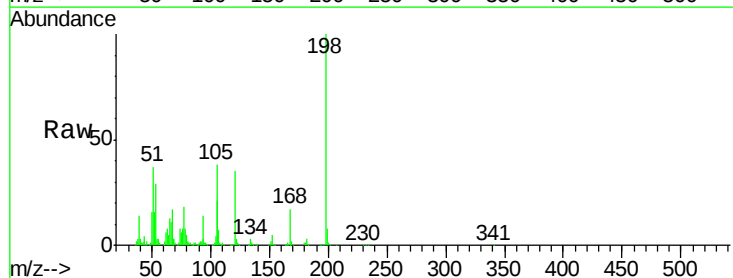
Instrument :
BNA_G
ClientSampleId :
PB97225BS

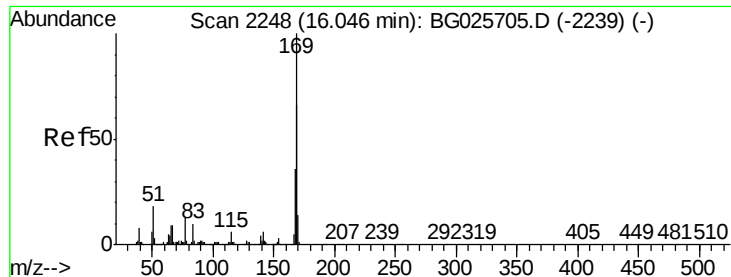
Tgt Ion:188 Resp: 928036
Ion Ratio Lower Upper
188 100
94 10.7 5.8 8.8#
80 11.6 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.87 ng
RT: 15.79 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion:198 Resp: 221975
Ion Ratio Lower Upper
198 100
51 37.3 22.6 62.6
105 38.3 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 35.67 ng

RT: 15.92 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

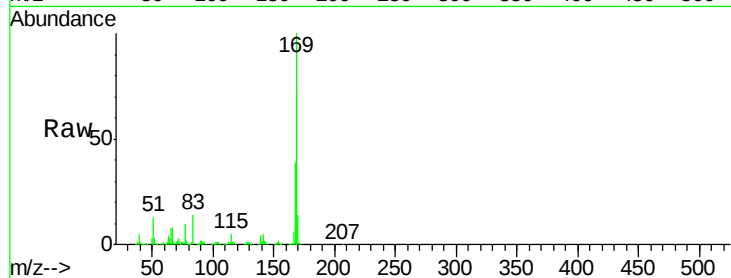
Tgt Ion:169 Resp: 1004002

Ion Ratio Lower Upper

169 100

168 70.5 55.7 83.5

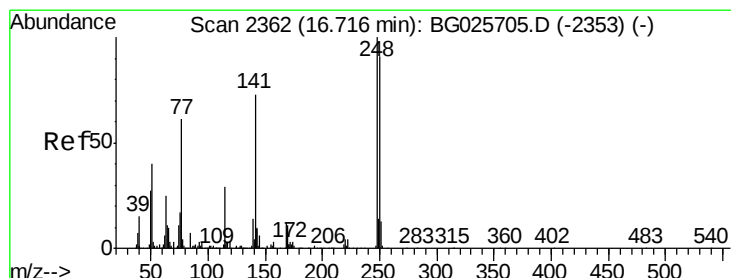
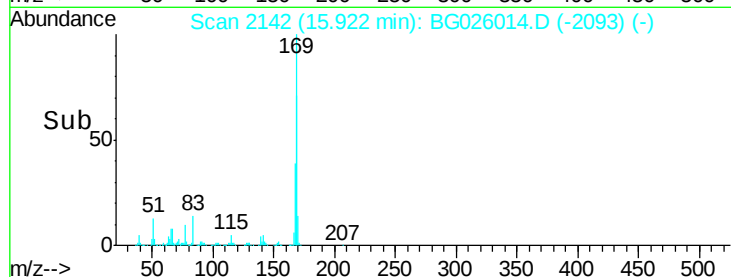
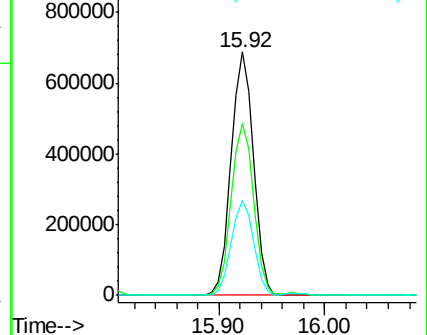
167 39.3 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.72 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

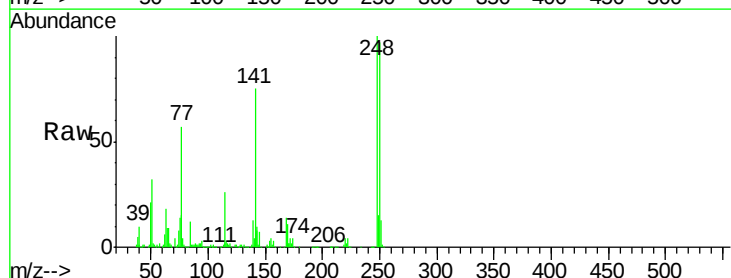
Tgt Ion:248 Resp: 347406

Ion Ratio Lower Upper

248 100

250 96.6 75.0 112.6

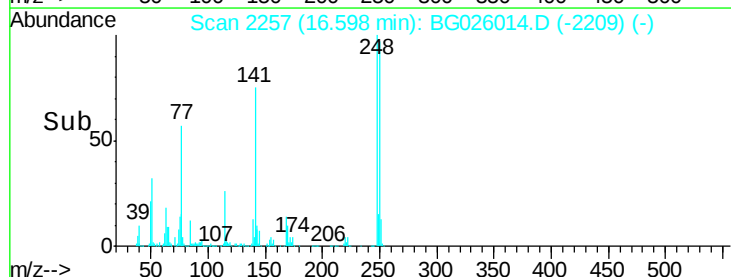
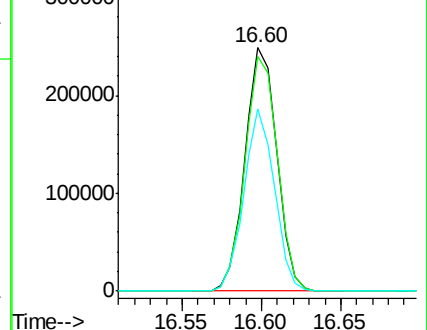
141 74.8 55.2 82.8

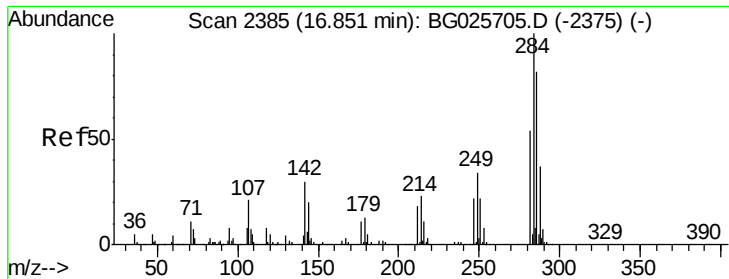


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.19 ng

RT: 16.73 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

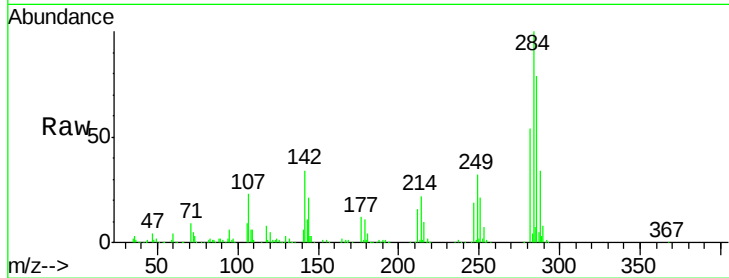
Tgt Ion:284 Resp: 352789

Ion Ratio Lower Upper

284 100

142 34.3 29.9 44.9

249 31.6 29.2 43.8

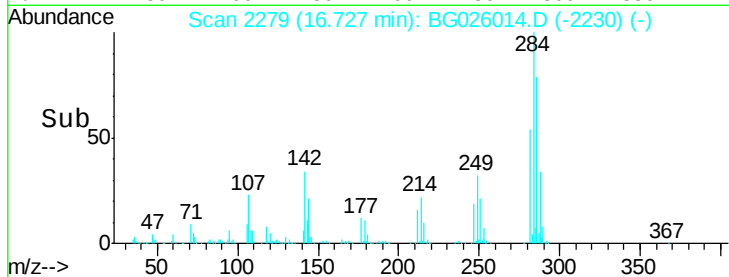


Abundance Ion 283.80 (283.50 to 284.50): E

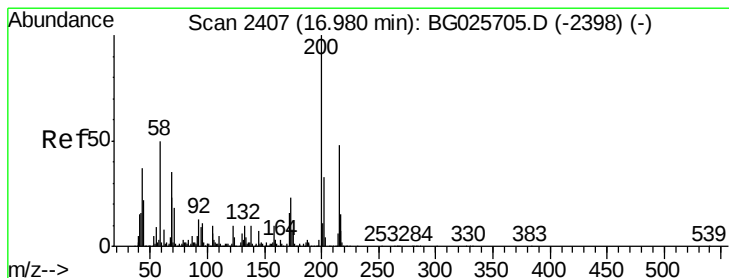
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



Time-->



#68

Atrazine

Concen: 37.07 ng

RT: 16.86 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

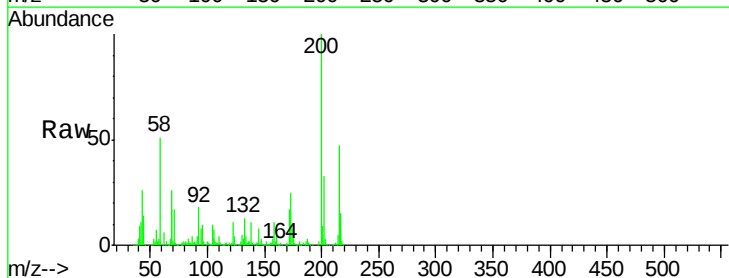
Tgt Ion:200 Resp: 369286

Ion Ratio Lower Upper

200 100

173 25.4 3.0 43.0

215 47.4 28.4 68.4

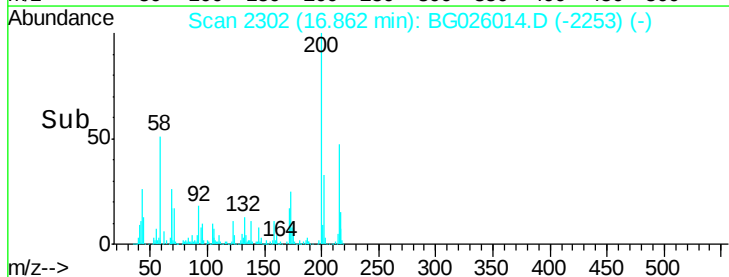


Abundance Ion 200.00 (199.70 to 200.70): E

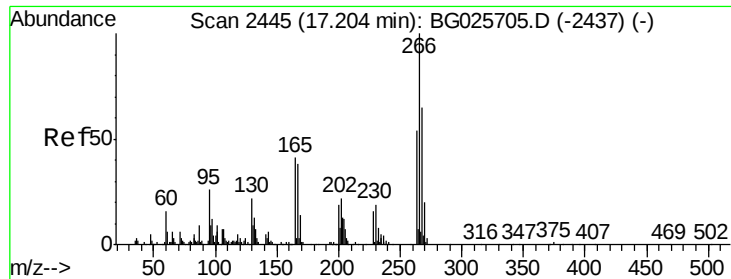
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

Time-->



Time-->



#69

Pentachlorophenol

Concen: 75.40 ng

RT: 17.06 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

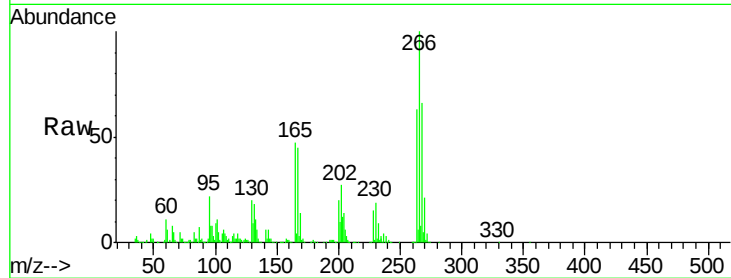
Tgt Ion:266 Resp: 466268

Ion Ratio Lower Upper

266 100

268 65.5 48.6 72.8

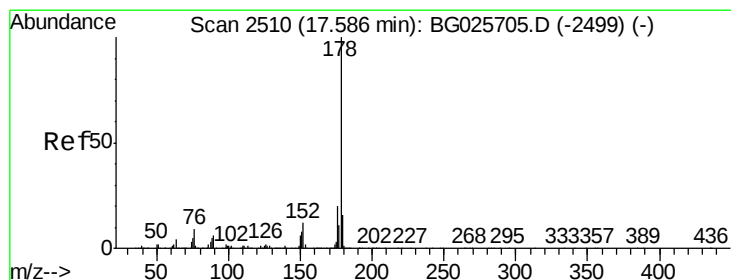
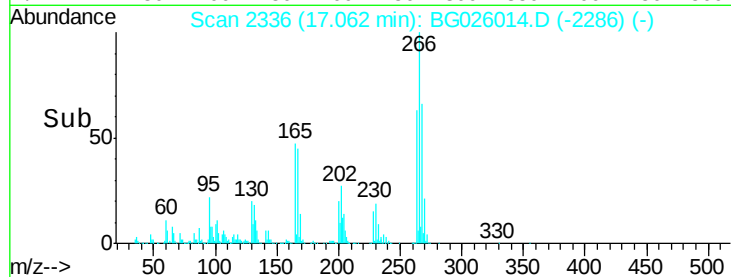
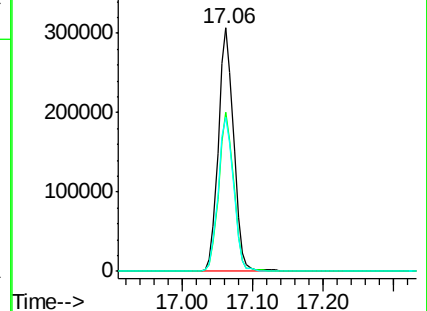
264 63.2 50.1 75.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 35.09 ng

RT: 17.46 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

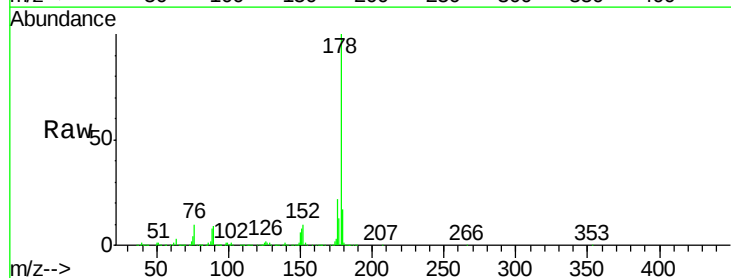
Tgt Ion:178 Resp: 1767556

Ion Ratio Lower Upper

178 100

176 21.6 17.7 26.5

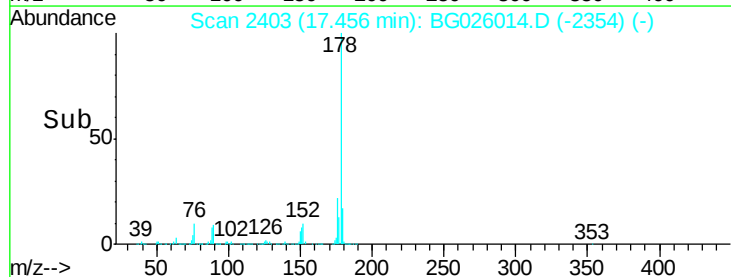
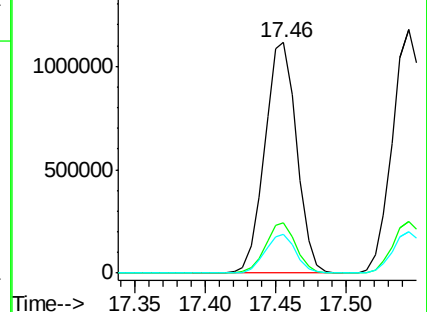
179 16.7 15.0 22.6

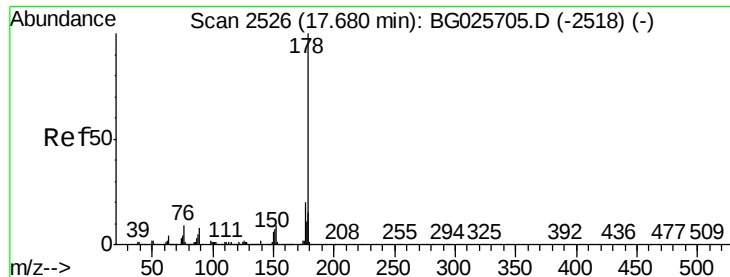


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

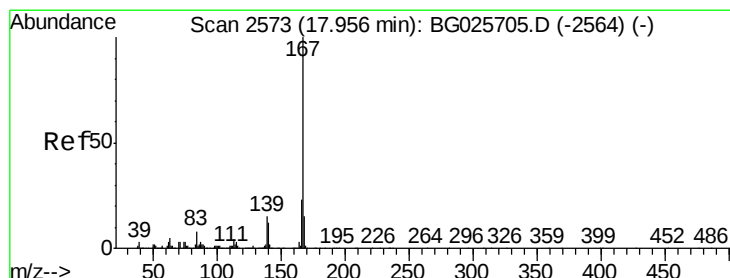
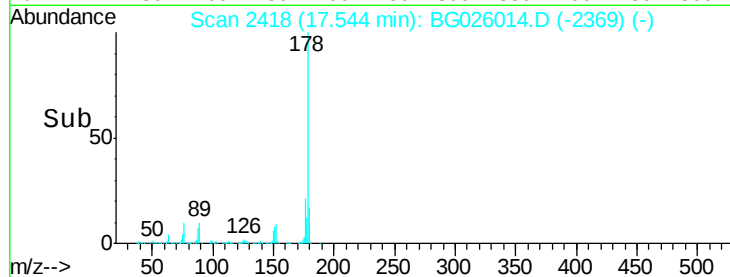
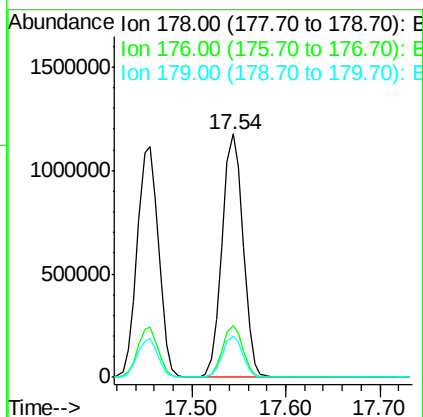
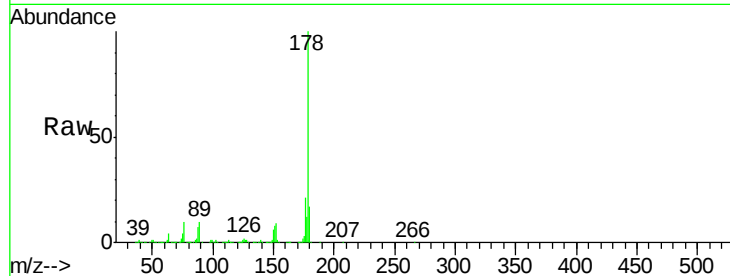




#71
 Anthracene
 Concen: 35.88 ng
 RT: 17.54 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

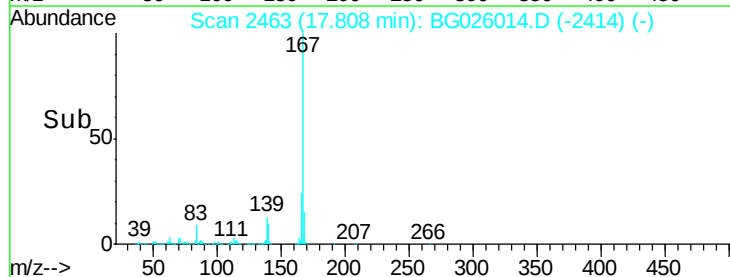
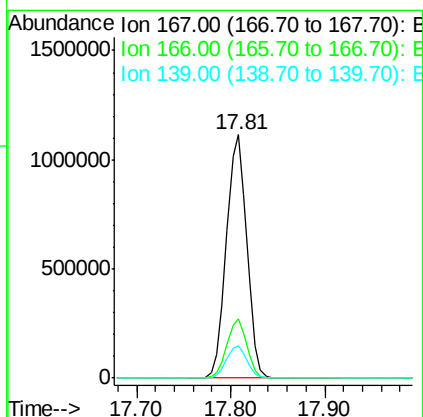
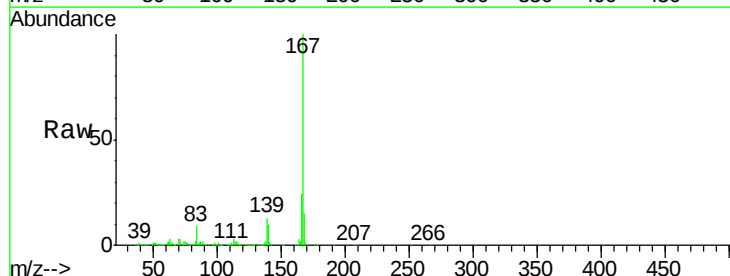
Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

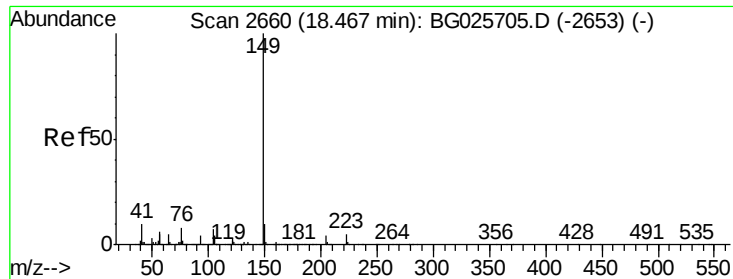
Tgt Ion:178 Resp: 1842992
 Ion Ratio Lower Upper
 178 100
 176 21.3 16.4 24.6
 179 16.8 13.8 20.8



#72
 Carbazole
 Concen: 32.61 ng
 RT: 17.81 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion:167 Resp: 1682625
 Ion Ratio Lower Upper
 167 100
 166 24.3 20.2 30.2
 139 13.1 12.8 19.2

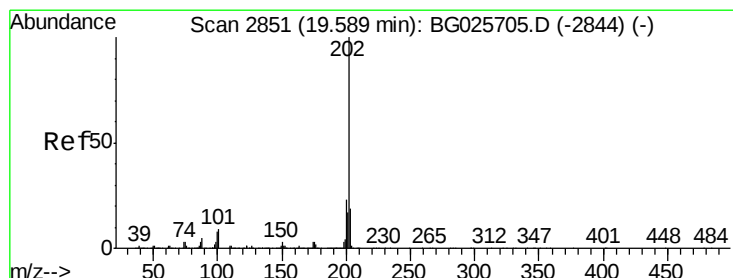
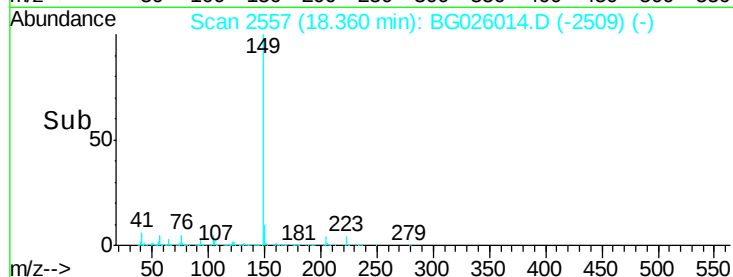
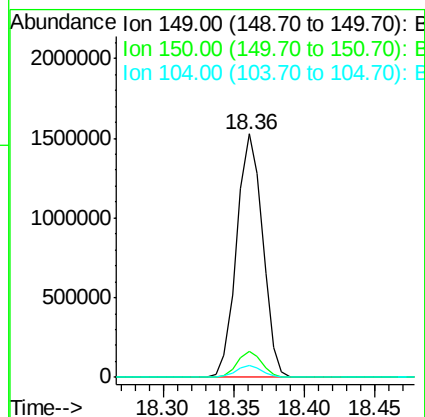
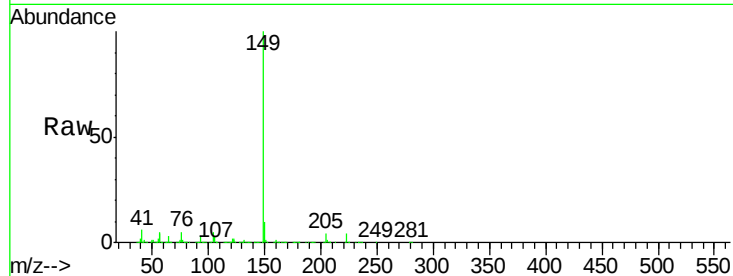




#73
Di-n-butylphthalate
Concen: 38.73 ng
RT: 18.36 min Scan# 2557
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

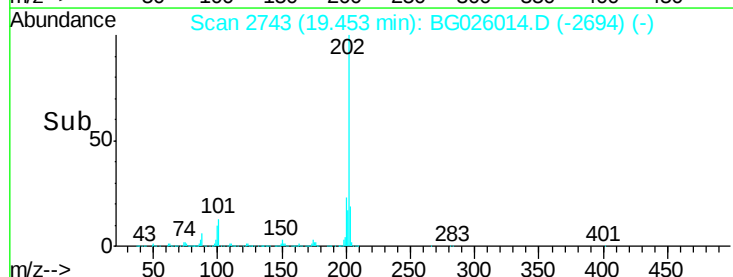
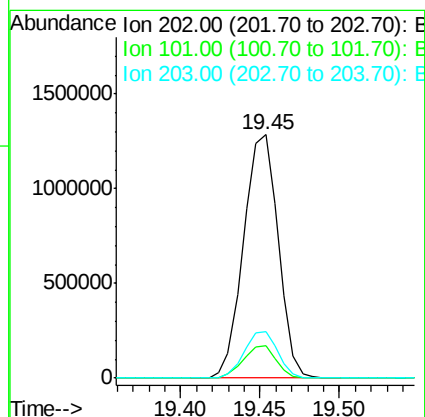
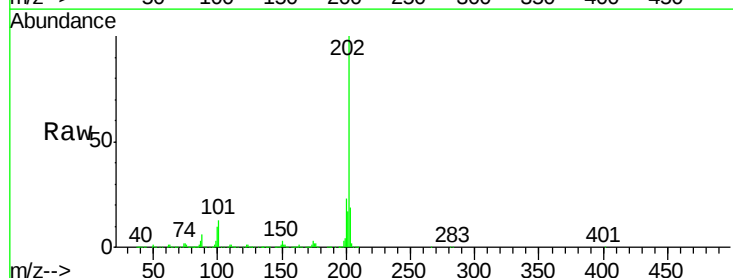
Instrument :
BNA_G
ClientSampleId :
PB97225BS

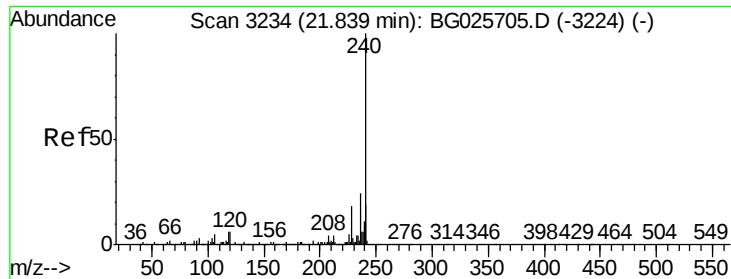
Tgt Ion:149 Resp: 1961818
Ion Ratio Lower Upper
149 100
150 10.4 9.1 13.7
104 5.0 6.7 10.1#



#74
Fluoranthene
Concen: 35.20 ng
RT: 19.45 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion:202 Resp: 1952428
Ion Ratio Lower Upper
202 100
101 13.3 0.0 30.1
203 19.3 1.3 41.3

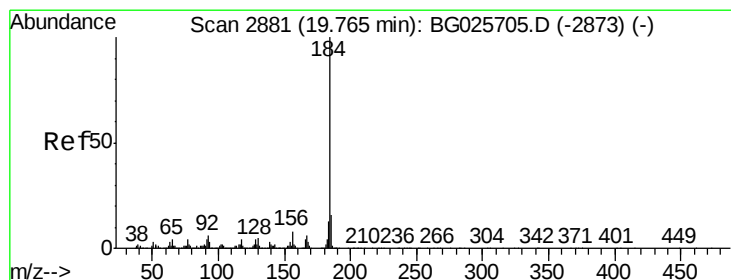
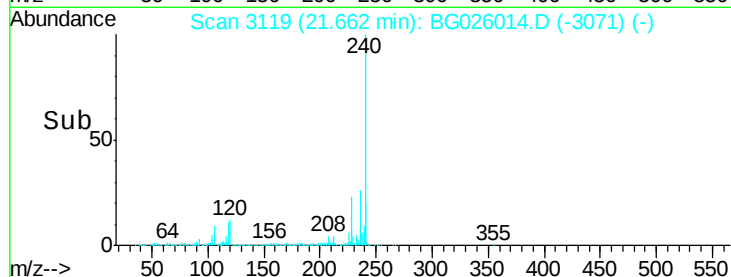
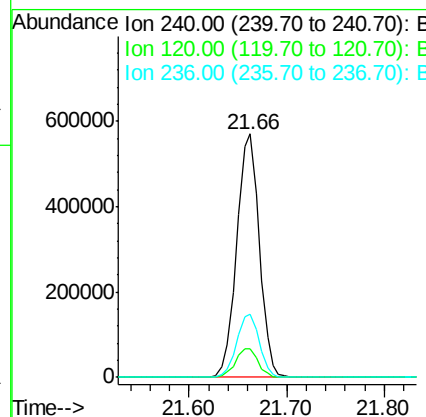
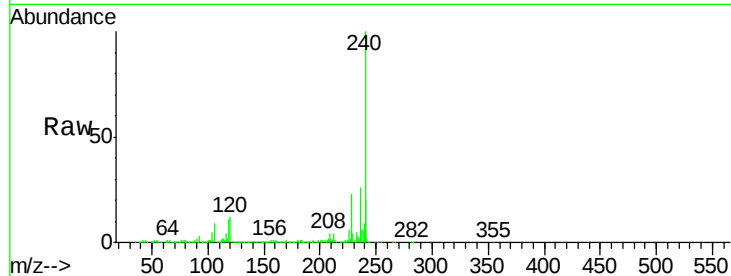




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

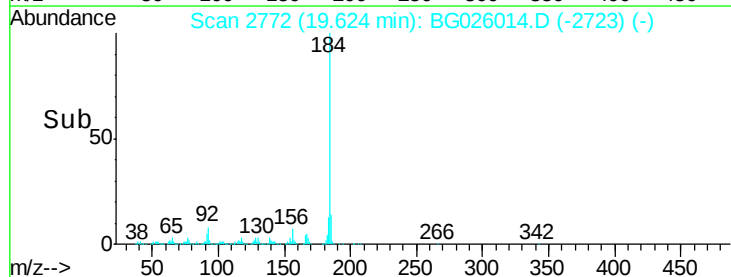
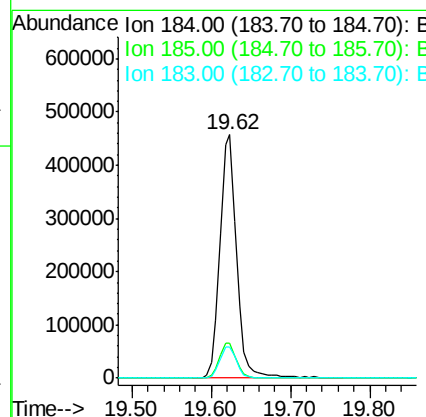
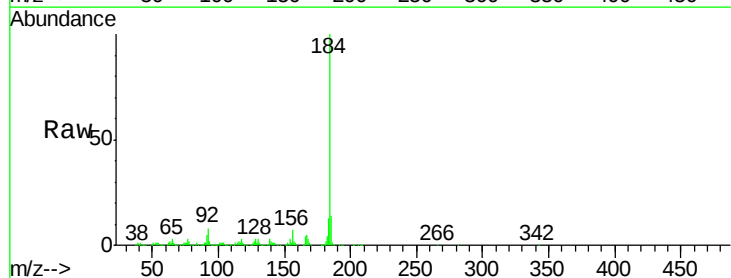
Instrument :
BNA_G
ClientSampleId :
PB97225BS

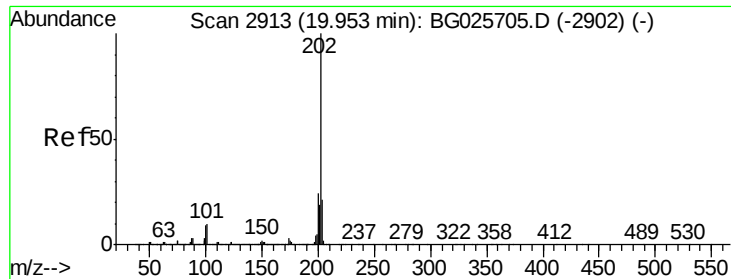
Tgt Ion:240 Resp: 915310
Ion Ratio Lower Upper
240 100
120 11.5 5.7 8.5#
236 25.9 22.2 33.4



#76
Benzidine
Concen: 23.12 ng
RT: 19.62 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion:184 Resp: 668079
Ion Ratio Lower Upper
184 100
185 14.4 13.0 19.6
183 13.0 11.0 16.6

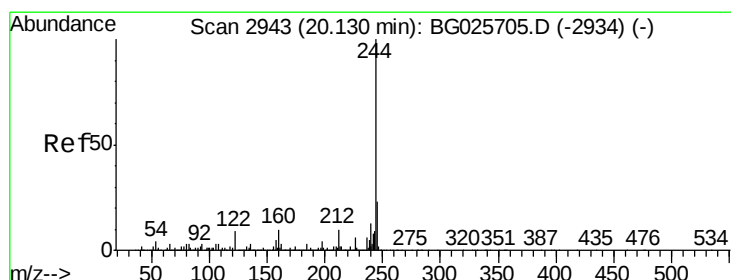
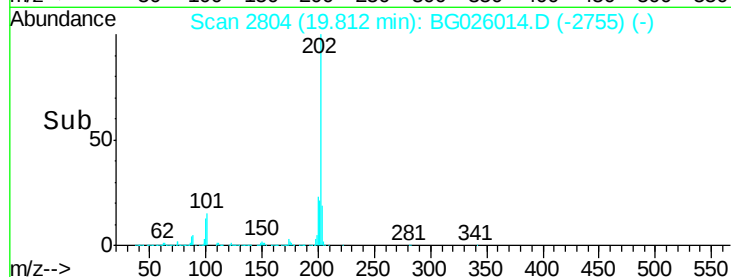
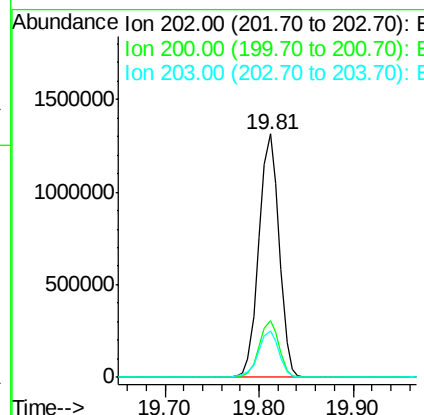
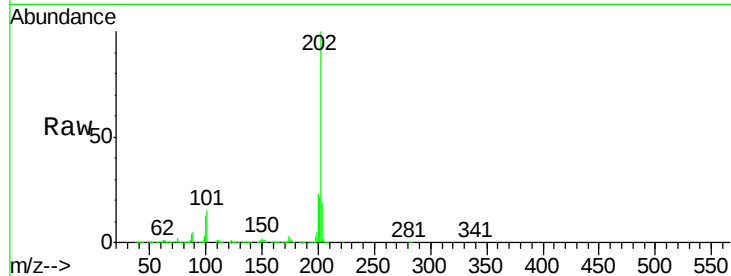




#77
 Pyrene
 Concen: 33.84 ng
 RT: 19.81 min Scan# 2804
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

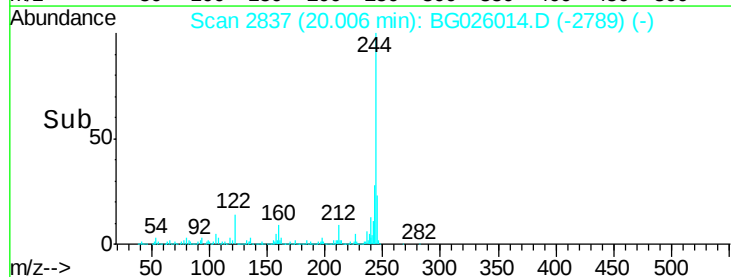
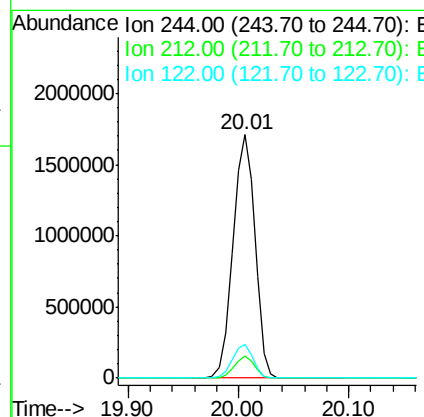
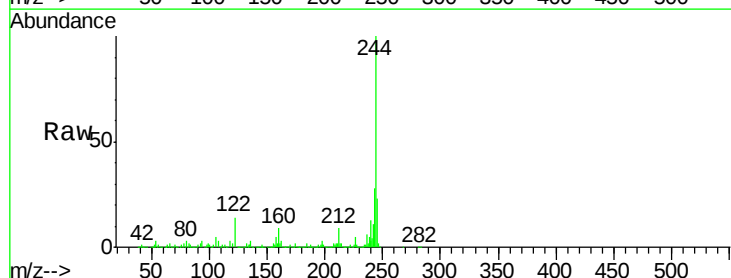
Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

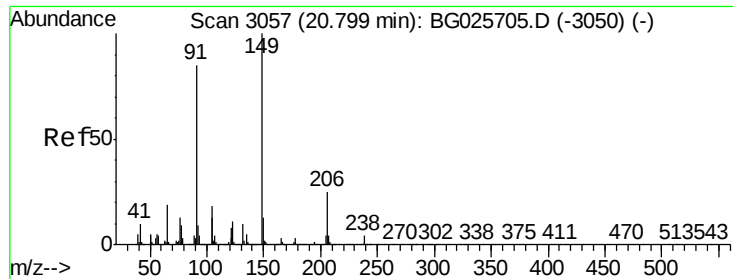
Tgt Ion:202 Resp: 1958702
 Ion Ratio Lower Upper
 202 100
 200 23.5 19.6 29.4
 203 19.2 15.8 23.8



#78
 Terphenyl-d14
 Concen: 63.56 ng
 RT: 20.01 min Scan# 2837
 Delta R.T. -0.02 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion:244 Resp: 2391964
 Ion Ratio Lower Upper
 244 100
 212 9.0 10.0 15.0#
 122 13.8 8.6 12.8#





#79

Butylbenzylphthalate

Concen: 40.24 ng

RT: 20.69 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

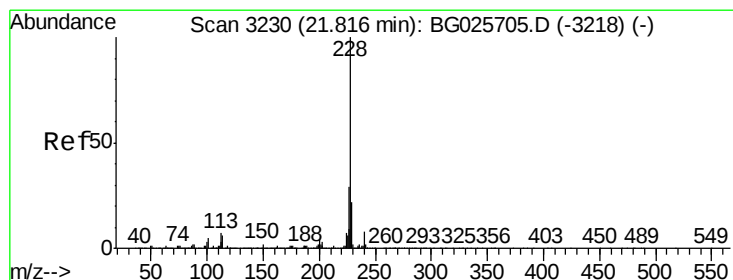
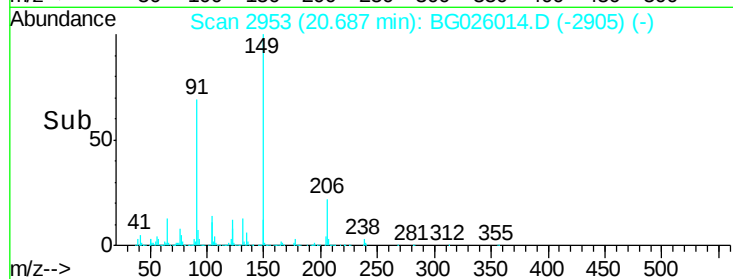
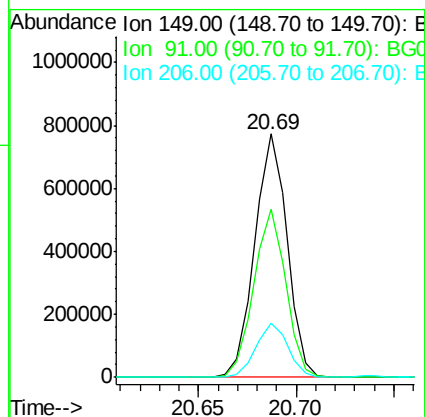
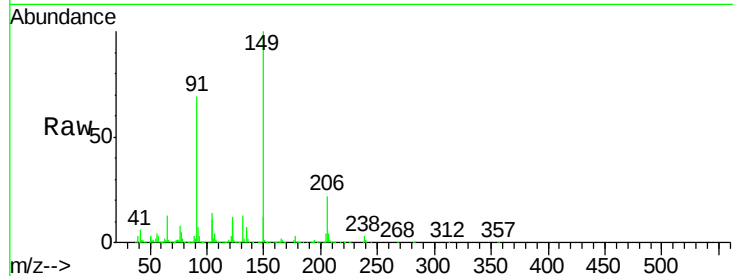
Instrument :

BNA_G

ClientSampleId :

PB97225BS

Tgt Ion:	149	Resp:	884039
Ion Ratio	Lower	Upper	
149	100		
91	69.3	63.5	95.3
206	22.2	21.0	31.6



#80

Benzo(a)anthracene

Concen: 35.16 ng

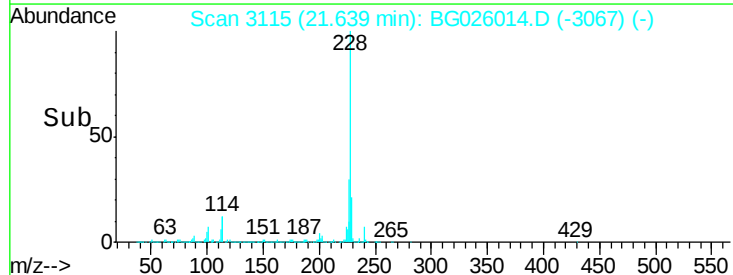
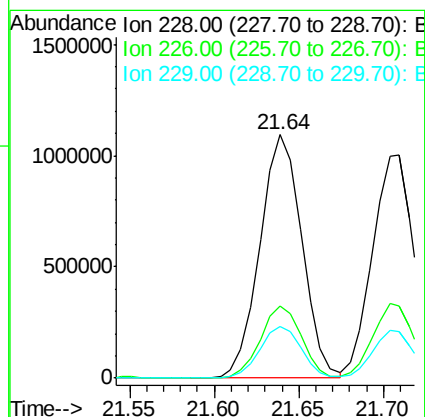
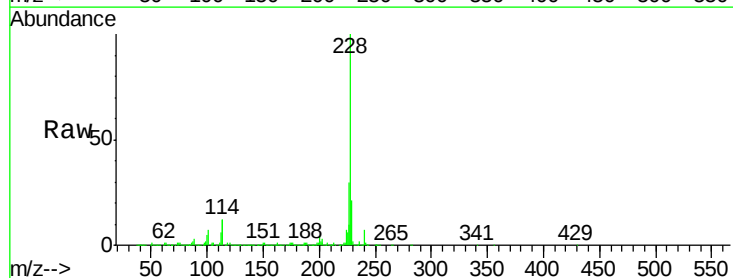
RT: 21.64 min Scan# 3115

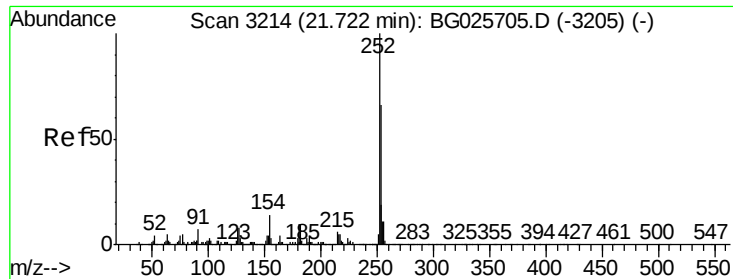
Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Tgt Ion:	228	Resp:	1878858
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.9	37.3
229	21.3	18.2	27.2

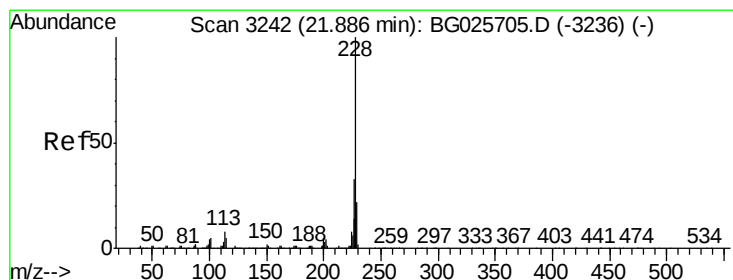
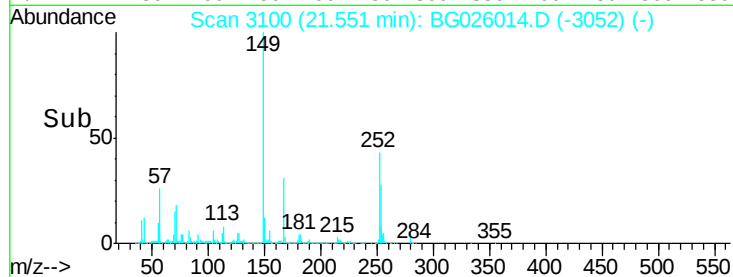
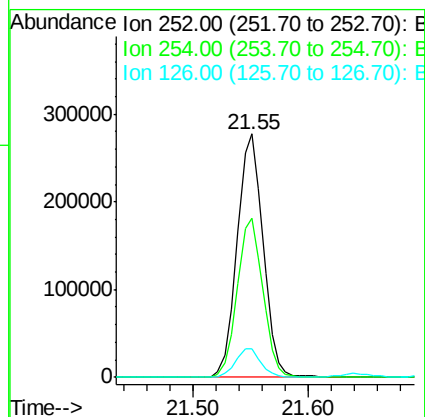
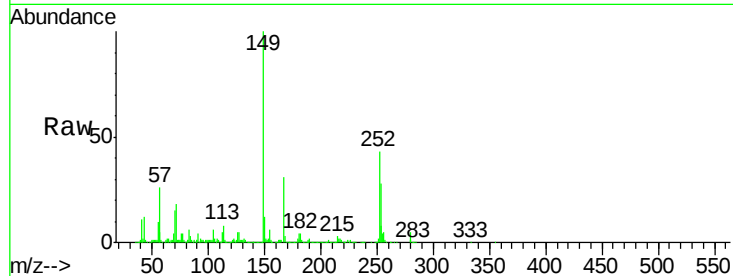




#81
 3,3'-Dichlorobenzidine
 Concen: 22.69 ng
 RT: 21.55 min Scan# 3100
 Delta R.T. -0.02 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

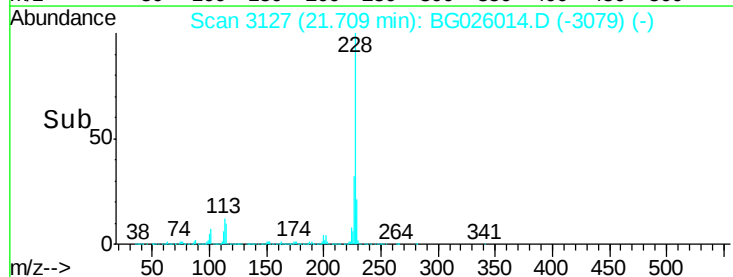
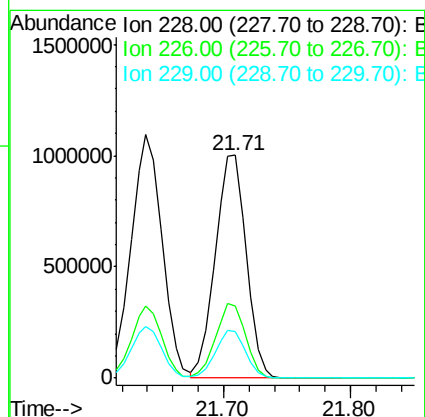
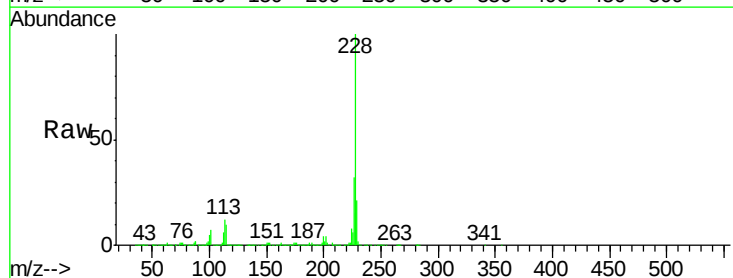
Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

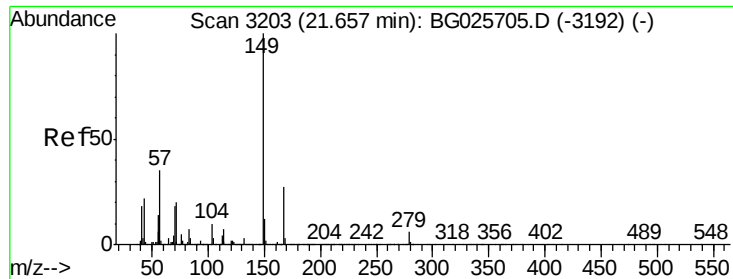
Tgt Ion: 252 Resp: 432352
 Ion Ratio Lower Upper
 252 100
 254 65.5 53.1 79.7
 126 11.7 7.0 10.4#



#82
 Chrysene
 Concen: 33.15 ng
 RT: 21.71 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion: 228 Resp: 1703449
 Ion Ratio Lower Upper
 228 100
 226 32.5 27.0 40.4
 229 20.7 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.20 ng

RT: 21.54 min Scan# 3099

Delta R.T. -0.03 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

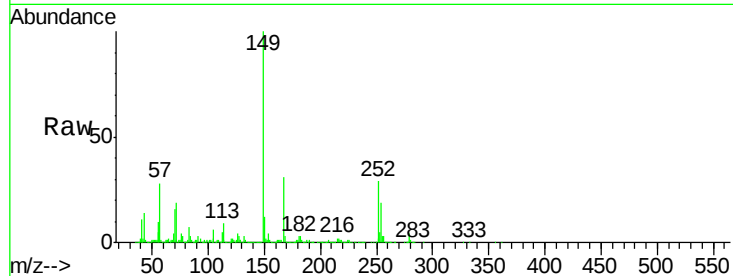
Tgt Ion:149 Resp: 1243423

Ion Ratio Lower Upper

149 100

167 30.6 23.7 35.5

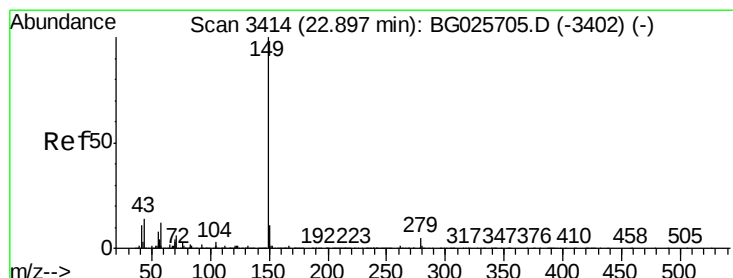
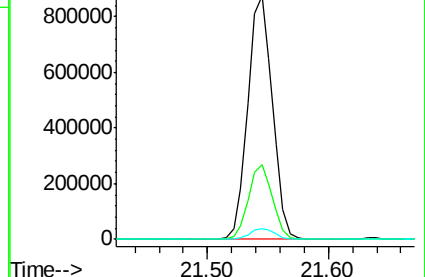
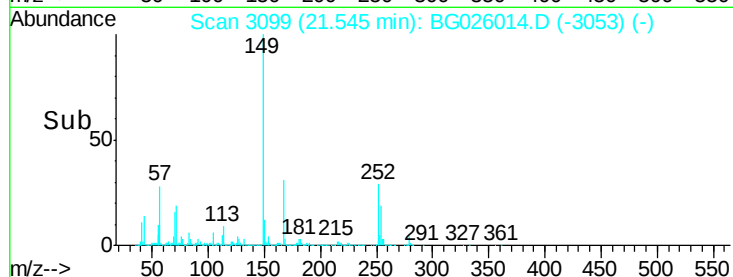
279 4.5 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.00 ng

RT: 22.74 min Scan# 3303

Delta R.T. -0.04 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

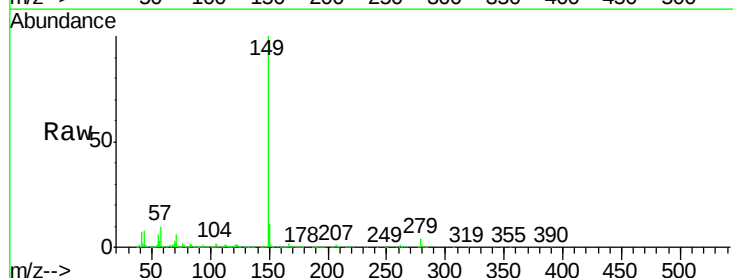
Tgt Ion:149 Resp: 2147598

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

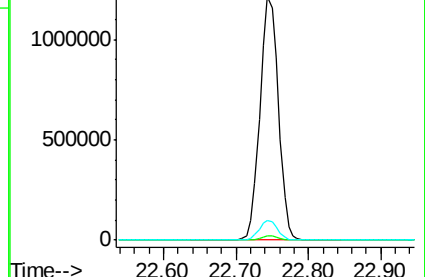
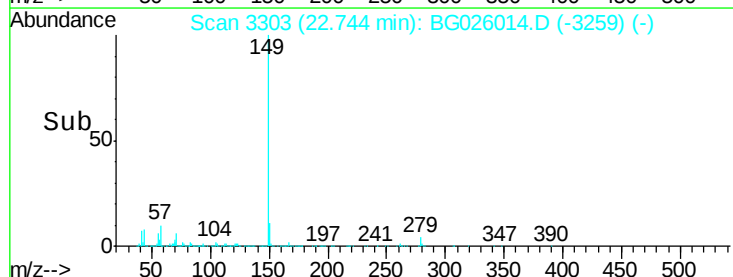
43 8.0 11.8 17.6#

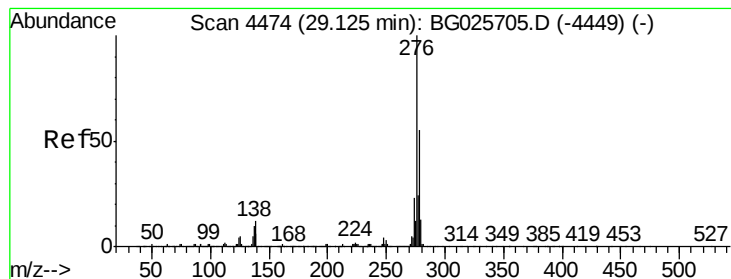


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.20 ng

RT: 28.51 min Scan# 4285

Delta R.T. -0.03 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

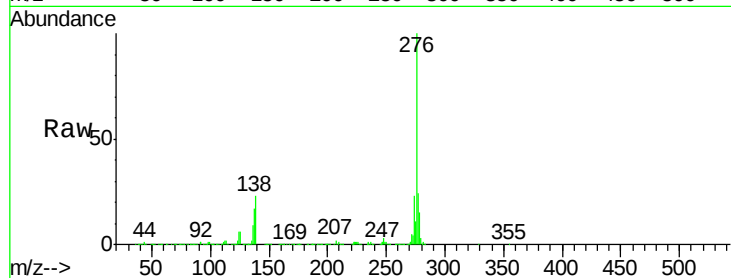
Tgt Ion:276 Resp: 2251361

Ion Ratio Lower Upper

276 100

138 28.4 4.7 7.1#

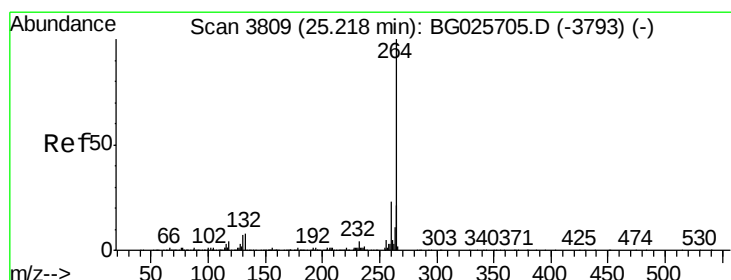
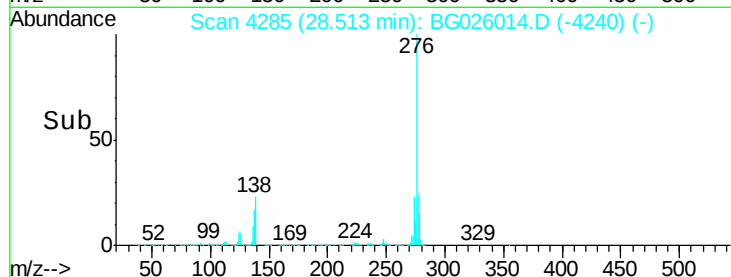
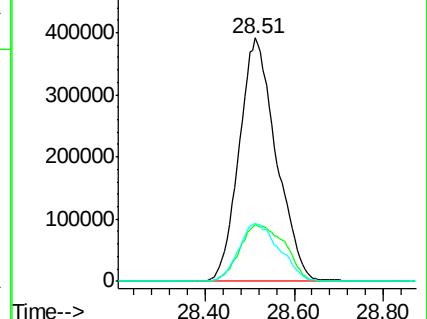
277 26.1 20.6 31.0



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# 3663

Delta R.T. -0.03 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

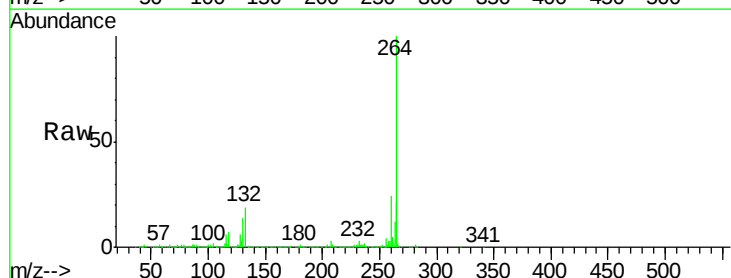
Tgt Ion:264 Resp: 909930

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

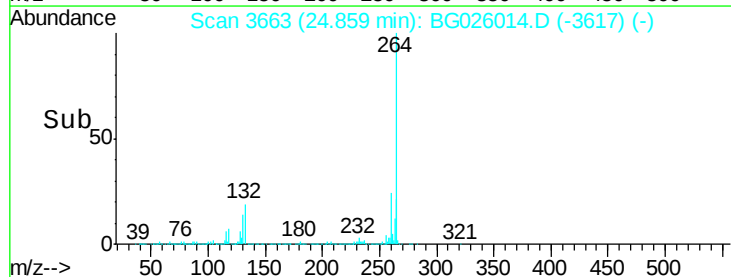
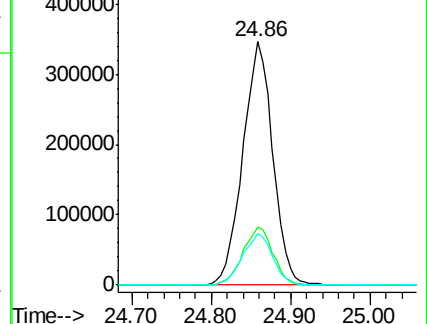
265 21.4 18.2 27.4

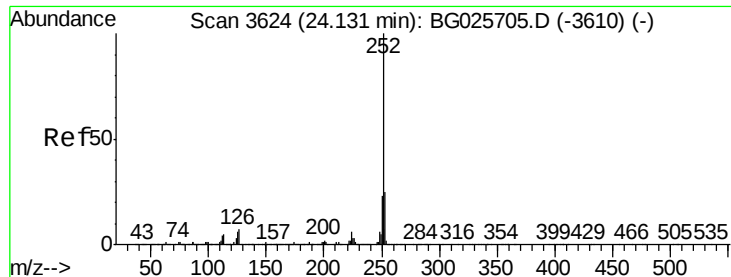


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.43 ng

RT: 23.85 min Scan# 3491

Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

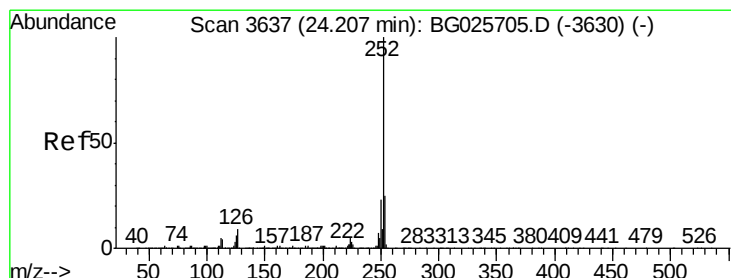
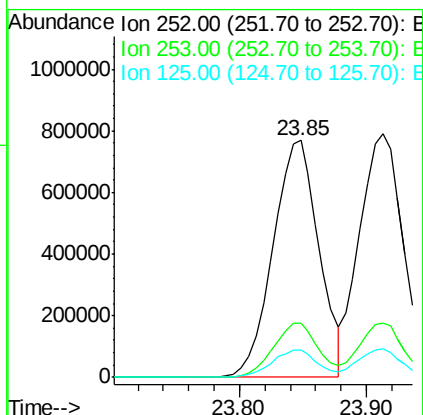
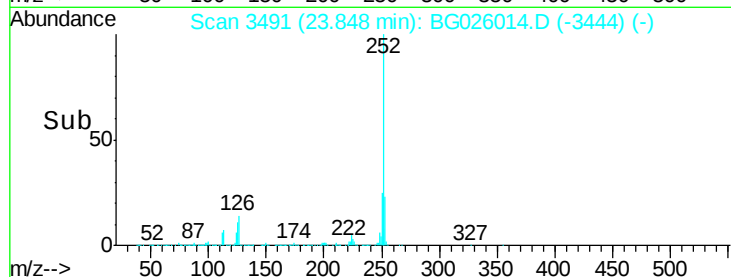
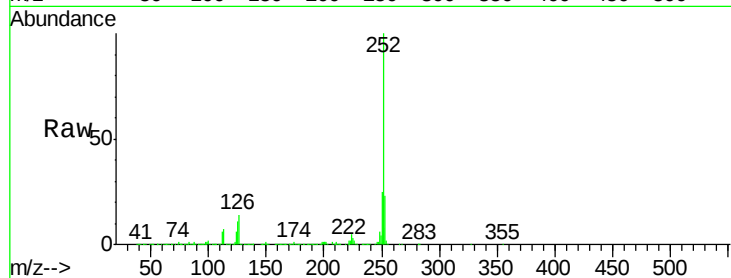
Tgt Ion:252 Resp: 1930856

Ion Ratio Lower Upper

252 100

253 22.8 18.7 28.1

125 11.4 5.3 7.9#



#88

Benzo(k)fluoranthene

Concen: 35.58 ng

RT: 23.91 min Scan# 3502

Delta R.T. -0.03 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

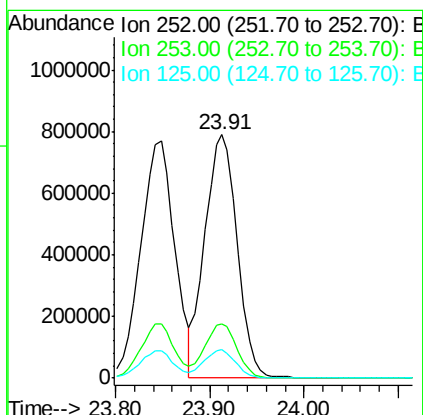
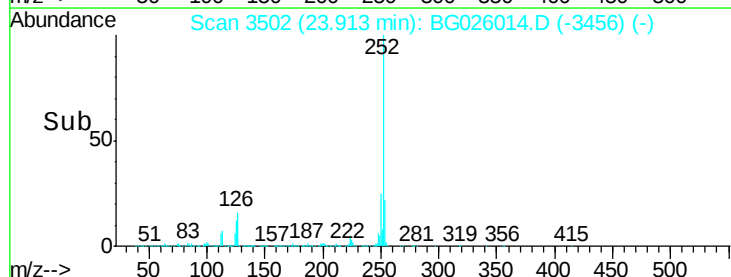
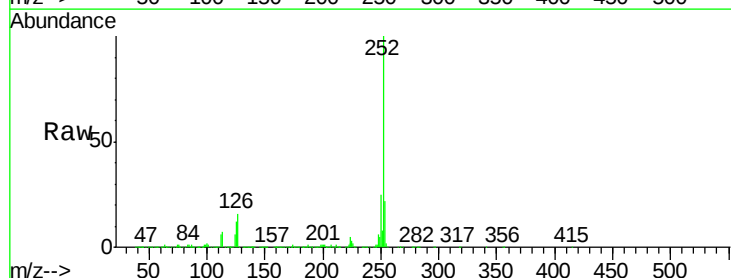
Tgt Ion:252 Resp: 1891996

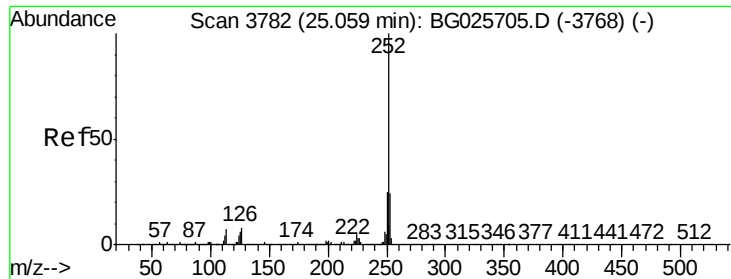
Ion Ratio Lower Upper

252 100

253 22.2 20.2 30.2

125 11.8 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 36.27 ng

RT: 24.71 min Scan# 3638

Delta R.T. -0.03 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

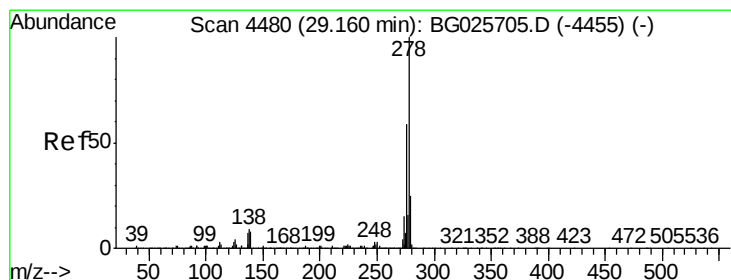
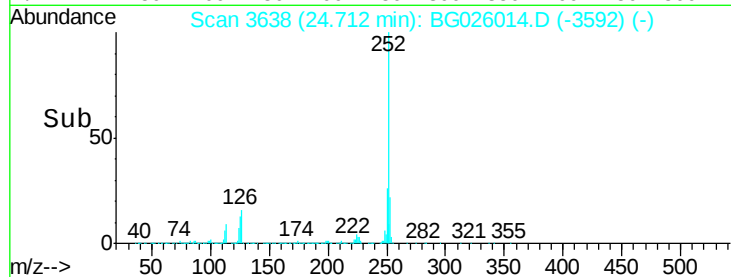
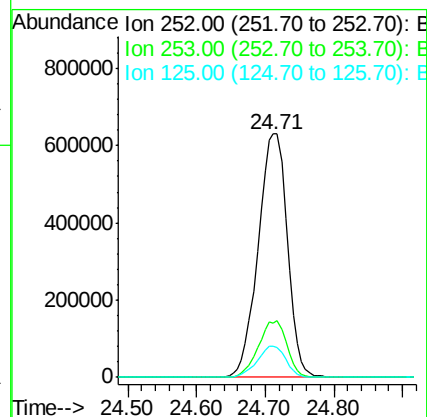
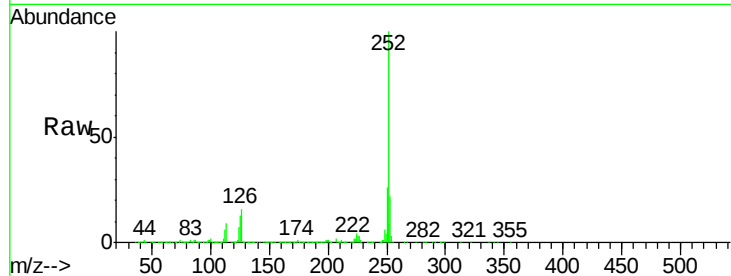
Tgt Ion:252 Resp: 1871454

Ion Ratio Lower Upper

252 100

253 22.4 19.2 28.8

125 12.9 5.4 8.0#



#90

Dibenzo(a,h)anthracene

Concen: 35.70 ng

RT: 28.57 min Scan# 4295

Delta R.T. -0.04 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

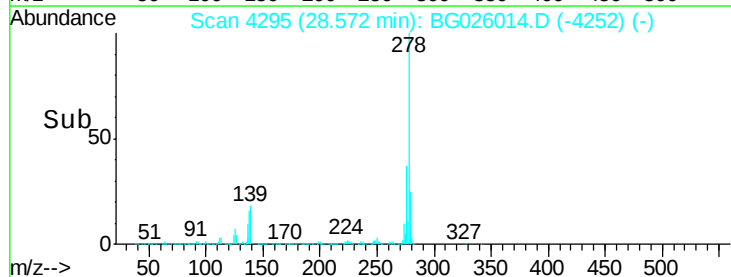
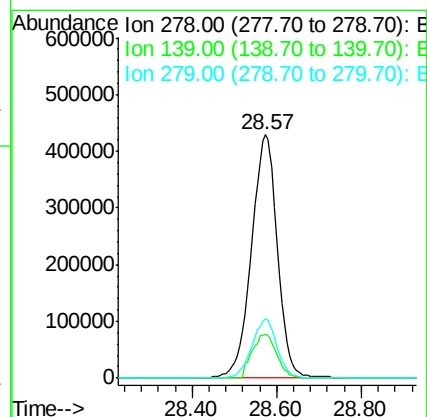
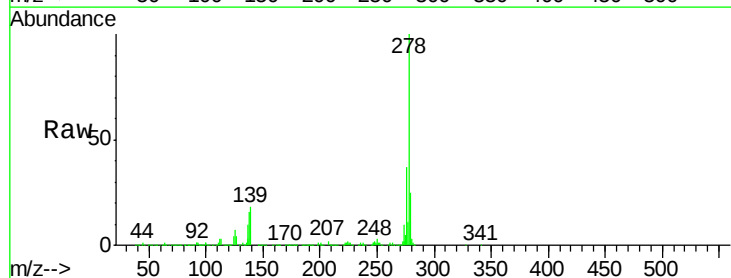
Tgt Ion:278 Resp: 1850977

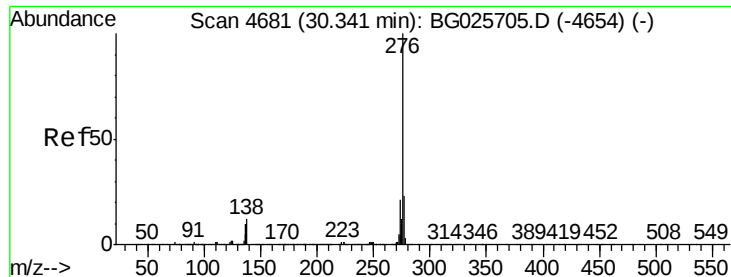
Ion Ratio Lower Upper

278 100

139 18.3 7.7 11.5#

279 24.6 19.1 28.7

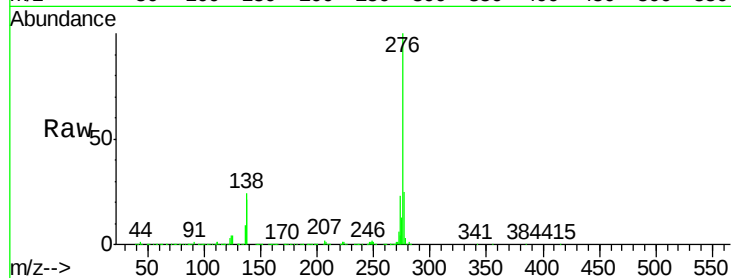




#91
 Benzo(g,h,i)perylene
 Concen: 36.15 ng
 RT: 29.66 min Scan# 4480
 Delta R.T. -0.03 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Tgt Ion: 276 Resp: 1879168
 Ion Ratio Lower Upper
 276 100
 277 24.8 18.6 27.8
 138 24.4 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

