

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020417\
 Data File : BG025800.D
 Acq On : 3 Feb 2017 18:36
 Operator : SJ/MA
 Sample : PB96126BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BS

Quant Time: Feb 03 22:05:43 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	71170	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	324385	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	254684	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	628508	20.00	ng	0.00
75) Chrysene-d12	21.83	240	791495	20.00	ng	0.00
86) Perylene-d12	25.21	264	760943	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	603577	151.99	ng	0.00
7) Phenol-d6	7.33	99	863184	148.83	ng	0.00
23) Nitrobenzene-d5	9.35	82	623092	81.16	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	455597	125.44	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1269407	80.95	ng	0.00
78) Terphenyl-d14	20.12	244	2380232	72.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	57862	32.14	ng	# 90
3) Pyridine	3.95	79	170796	34.96	ng	95
4) n-Nitrosodimethylamine	3.87	42	119503	42.52	ng	94
6) Aniline	7.49	93	138321	16.93	ng	97
8) 2-Chlorophenol	7.73	128	199642	44.29	ng	90
9) Benzaldehyde	7.31	77	104080	21.15	ng	98
10) Phenol	7.36	94	301016	46.18	ng	96
11) bis(2-Chloroethyl)ether	7.57	93	206702	40.10	ng	90
12) 1,3-Dichlorobenzene	8.05	146	209887	38.08	ng	96
13) 1,4-Dichlorobenzene	8.20	146	213634	38.12	ng	98
14) 1,2-Dichlorobenzene	8.52	146	210683	39.23	ng	95
15) Benzyl Alcohol	8.41	79	225083	44.88	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	427859	41.11	ng	98
17) 2-Methylphenol	8.62	107	184629	41.46	ng	95
18) Hexachloroethane	9.24	117	87703	38.43	ng	89
19) n-Nitroso-di-n-propylamine	8.97	70	203052	39.68	ng	97
20) 3+4-Methylphenols	8.95	107	254854	41.94	ng	98
22) Acetophenone	9.00	105	340052	38.29	ng	# 96
24) Nitrobenzene	9.39	77	315113	37.59	ng	96
25) Isophorone	9.91	82	543598	36.34	ng	98
26) 2-Nitrophenol	10.11	139	118832	40.01	ng	96
27) 2,4-Dimethylphenol	10.16	122	215010	41.56	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	306996	38.77	ng	100
29) 2,4-Dichlorophenol	10.66	162	224293	42.25	ng	99
30) 1,2,4-Trichlorobenzene	10.85	180	235044	38.06	ng	98
31) Naphthalene	11.04	128	627525	37.26	ng	98
32) Benzoic acid	10.32	122	127064	39.61	ng	92
33) 4-Chloroaniline	11.18	127	76270	10.90	ng	96
34) Hexachlorobutadiene	11.29	225	171698	34.18	ng	95
35) Caprolactam	11.94	113	49897	22.06	ng	# 86
36) 4-Chloro-3-methylphenol	12.28	107	277455	42.90	ng	98
37) 2-Methylnaphthalene	12.63	142	498209	38.32	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	326914	38.33	ng	98
40) Hexachlorocyclopentadiene	12.95	237	180431	58.13	ng	95

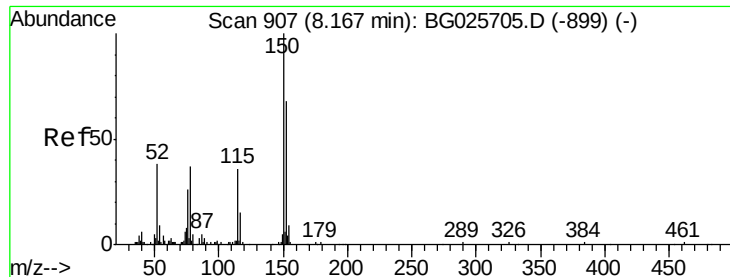
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020417\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	196151	39.29	ng	91
43) 2,4,5-Trichlorophenol	13.34	196	213169	39.55	ng	95
45) 1,1'-Biphenyl	13.63	154	710818	40.12	ng	97
46) 2-Chloronaphthalene	13.68	162	541968	38.95	ng	98
47) 2-Nitroaniline	13.90	65	240113	40.10	ng	98
48) Acenaphthylene	14.52	152	866643	37.44	ng	95
49) Dimethylphthalate	14.24	163	717254	37.40	ng	99
50) 2,6-Dinitrotoluene	14.38	165	162192	37.35	ng	97
51) Acenaphthene	14.86	154	546448	38.21	ng	98
52) 3-Nitroaniline	14.73	138	77396	18.90	ng	93
53) 2,4-Dinitrophenol	14.95	184	184680	72.13	ng	# 86
54) Dibenzofuran	15.19	168	884074	40.91	ng	95
55) 4-Nitrophenol	15.05	139	234559	74.49	ng	91
56) 2,4-Dinitrotoluene	15.18	165	254461	40.04	ng	# 84
57) Fluorene	15.84	166	722067	37.61	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	224337	44.54	ng	96
59) Diethylphthalate	15.59	149	767635	37.75	ng	98
60) 4-Chlorophenyl-phenylether	15.82	204	387704	37.25	ng	99
61) 4-Nitroaniline	15.89	138	160913	39.13	ng	97
62) Azobenzene	16.12	77	912985	44.13	ng	96
64) 4,6-Dinitro-2-methylphenol	15.95	198	161834	36.23	ng	83
65) n-Nitrosodiphenylamine	16.04	169	690072	38.25	ng	99
66) 4-Bromophenyl-phenylether	16.72	248	278490	36.43	ng	95
67) Hexachlorobenzene	16.84	284	303521	35.31	ng	95
68) Atrazine	16.98	200	294018	33.01	ng	99
69) Pentachlorophenol	17.20	266	258085	68.33	ng	97
70) Phenanthrene	17.58	178	1282581	37.55	ng	97
71) Anthracene	17.68	178	1334836	37.90	ng	99
72) Carbazole	17.95	167	1209864	35.47	ng	98
73) Di-n-butylphthalate	18.46	149	1461839	37.04	ng	97
74) Fluoranthene	19.59	202	1666700	35.61	ng	97
76) Benzidine	19.76	184	315434	11.61	ng	95
77) Pyrene	19.95	202	1710241	38.79	ng	99
79) Butylbenzylphthalate	20.79	149	742903	40.58	ng	96
80) Benzo(a)anthracene	21.81	228	1805615	38.52	ng	97
81) 3,3'-Dichlorobenzidine	21.72	252	316769	17.22	ng	94
82) Chrysene	21.88	228	1644349	37.11	ng	99
83) Bis(2-ethylhexyl)phthalate	21.65	149	1036214	40.64	ng	98
84) Di-n-octyl phthalate	22.89	149	1730975	41.80	ng	98
85) Indeno(1,2,3-cd)pyrene	29.12	276	2088697	38.67	ng	# 93
87) Benzo(b)fluoranthene	24.12	252	1816513	41.30	ng	98
88) Benzo(k)fluoranthene	24.19	252	1709998	39.72	ng	# 98
89) Benzo(a)pyrene	25.05	252	1734120	41.45	ng	# 97
90) Dibenzo(a,h)anthracene	29.15	278	1758453	40.65	ng	# 95
91) Benzo(g,h,i)perylene	30.33	276	1757194	40.87	ng	# 95

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

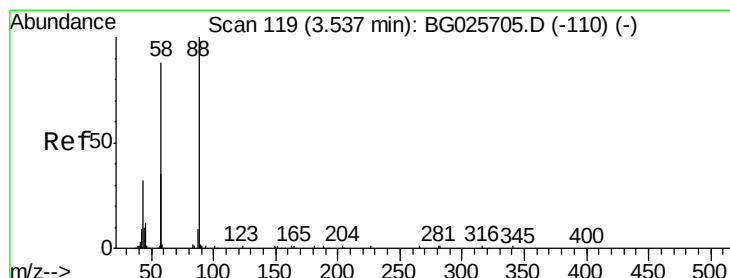
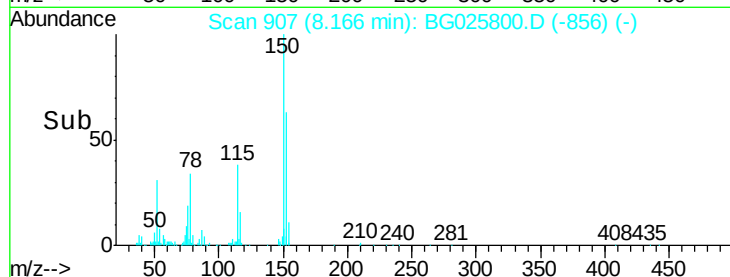
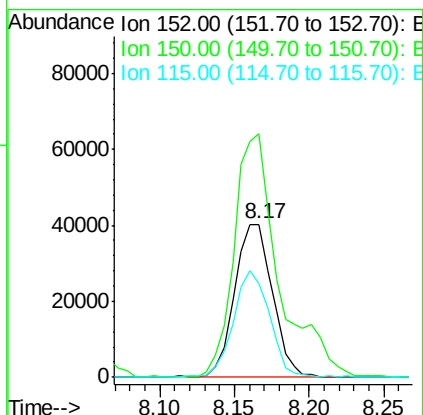
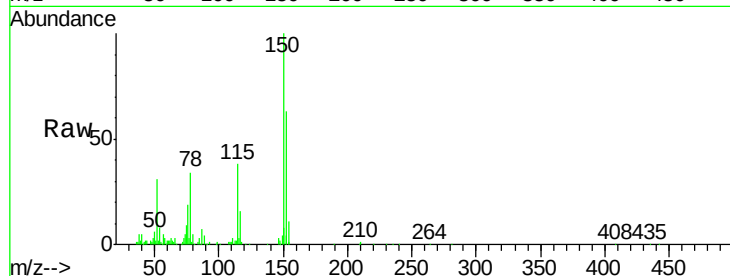


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Instrument :
BNA_G
ClientSampleId :
PB96126BS

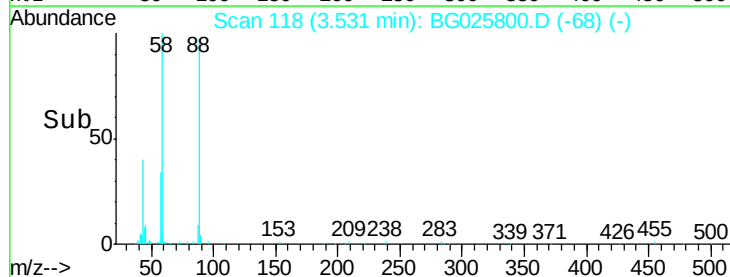
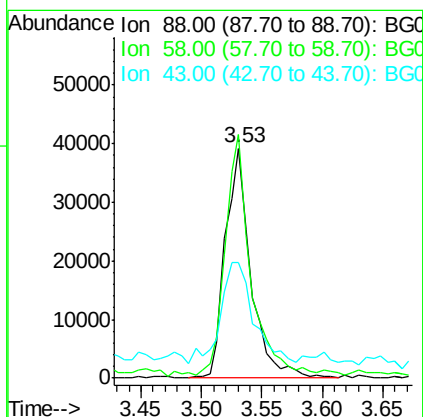
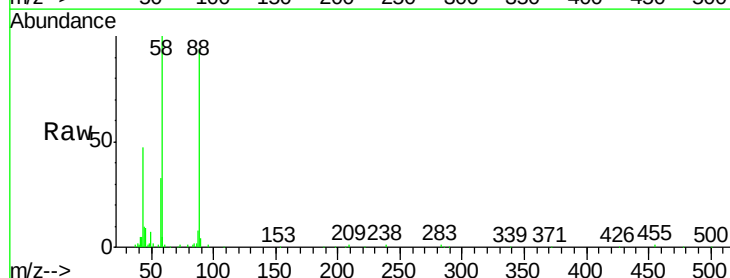
Tgt Ion:152 Resp: 71170
Ion Ratio Lower Upper
152 100
150 158.9 114.0 171.0
115 61.1 48.1 72.1

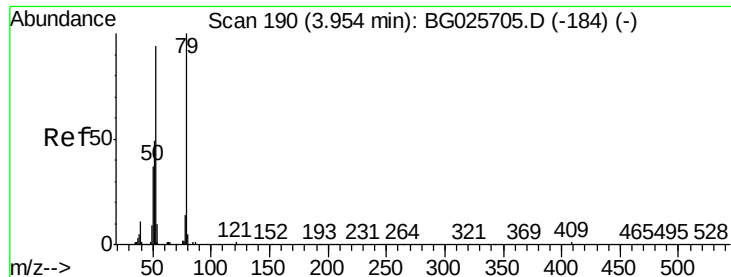


#2

1,4-Dioxane
Concen: 32.14 ng
RT: 3.53 min Scan# 118
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion: 88 Resp: 57862
Ion Ratio Lower Upper
88 100
58 103.4 79.4 119.2
43 57.8 33.8 50.6#





#3

Pyridine

Concen: 34.96 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

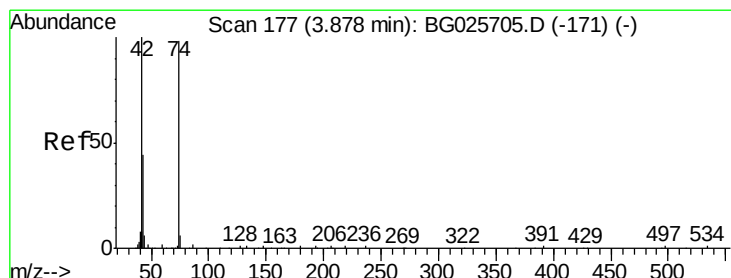
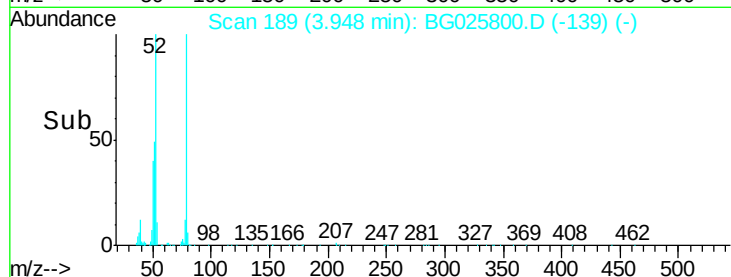
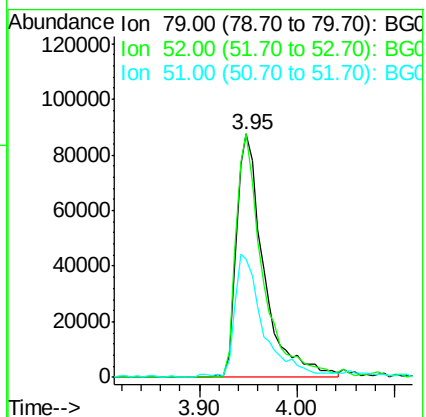
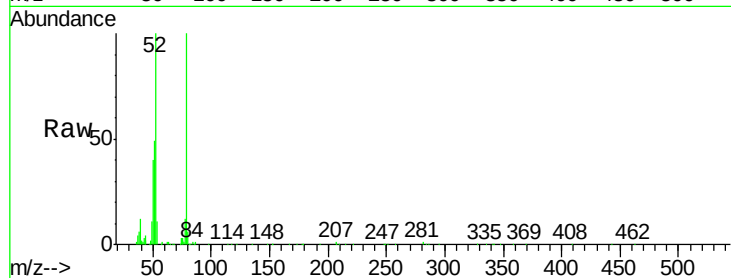
Tgt Ion: 79 Resp: 170796

Ion Ratio Lower Upper

79 100

52 100.1 77.8 116.6

51 48.6 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 42.52 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

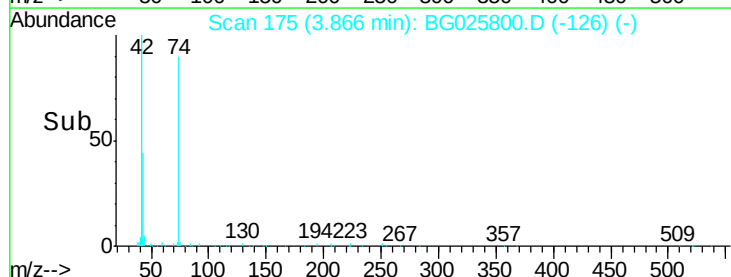
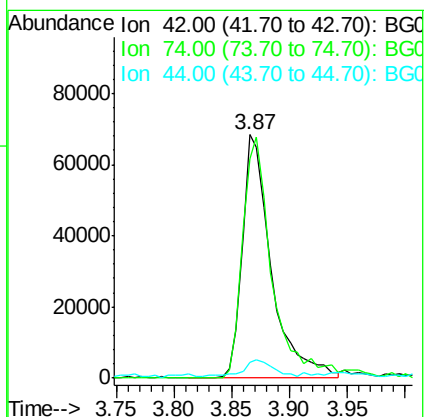
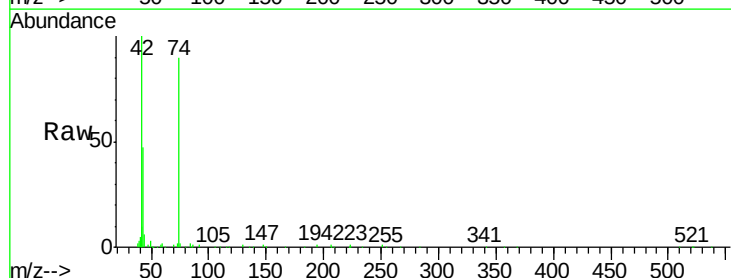
Tgt Ion: 42 Resp: 119503

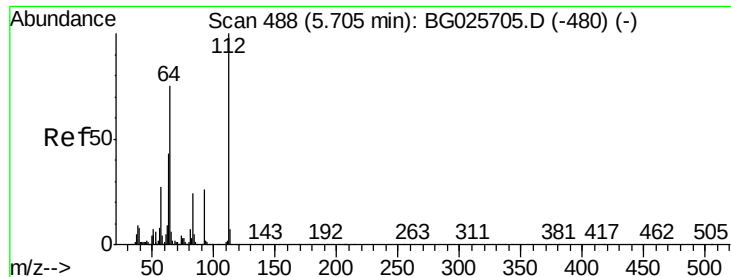
Ion Ratio Lower Upper

42 100

74 90.0 76.7 115.1

44 6.3 6.1 9.1





#5

2-Fluorophenol

Concen: 151.99 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

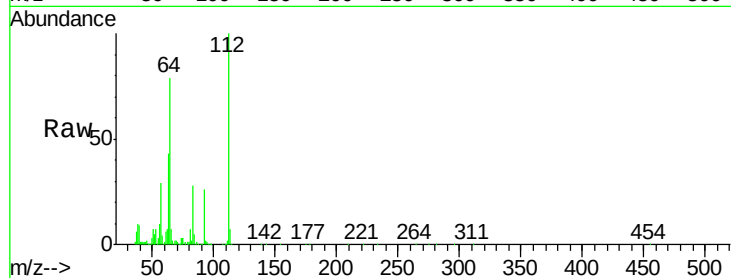
Tgt Ion: 112 Resp: 603577

Ion Ratio Lower Upper

112 100

64 79.4 61.8 92.6

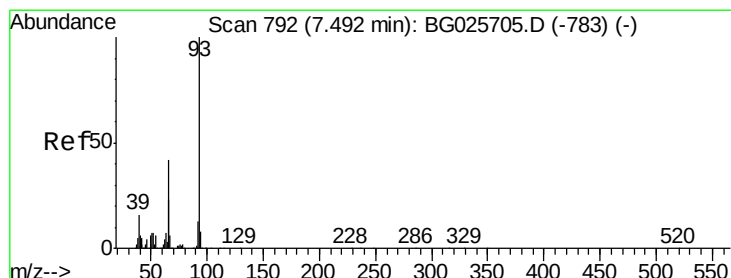
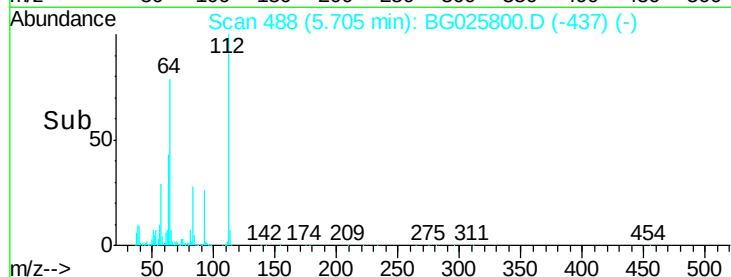
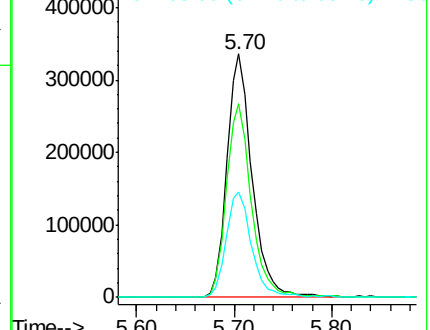
63 43.2 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.93 ng

RT: 7.49 min Scan# 792

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

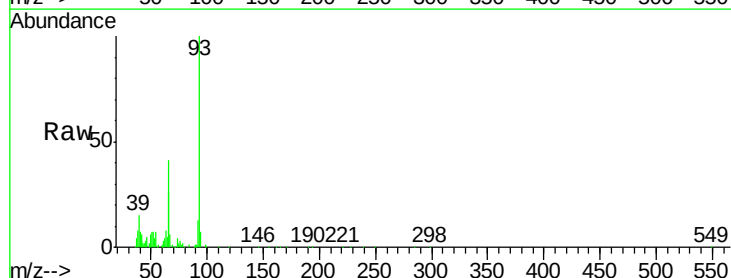
Tgt Ion: 93 Resp: 138321

Ion Ratio Lower Upper

93 100

66 41.5 35.4 53.2

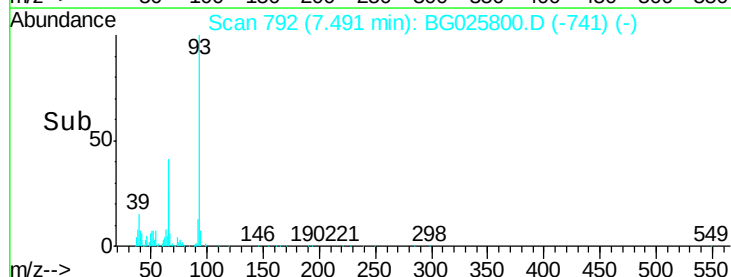
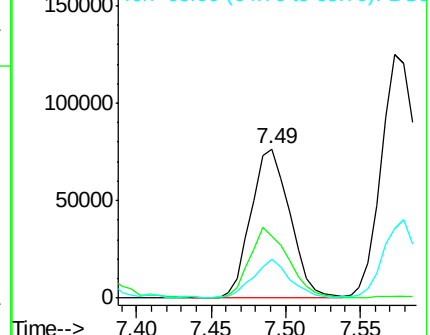
65 26.0 21.2 31.8

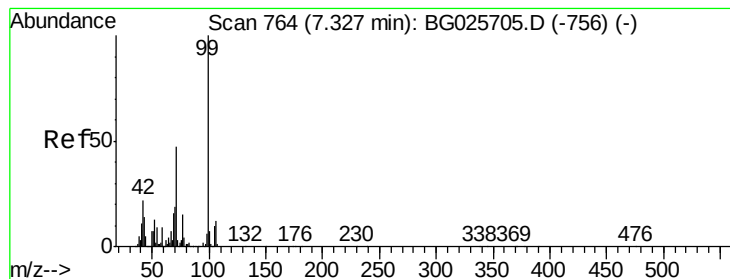


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 148.83 ng

RT: 7.33 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

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ClientSampleId :

PB96126BS

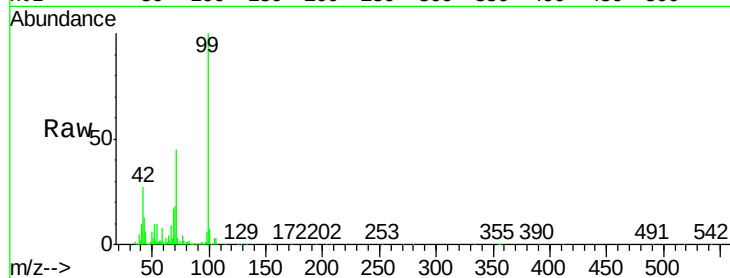
Tgt Ion: 99 Resp: 863184

Ion Ratio Lower Upper

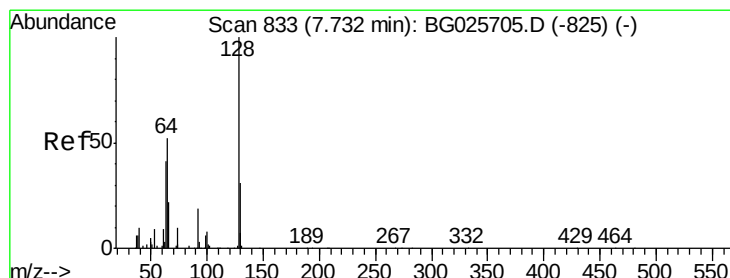
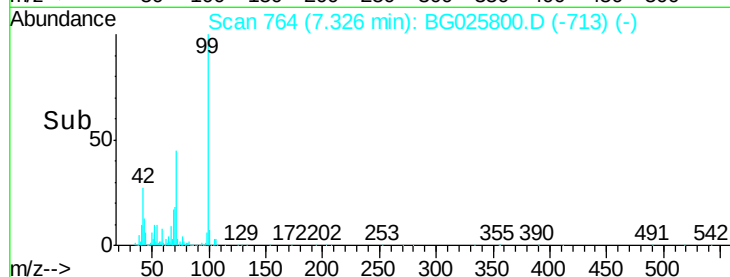
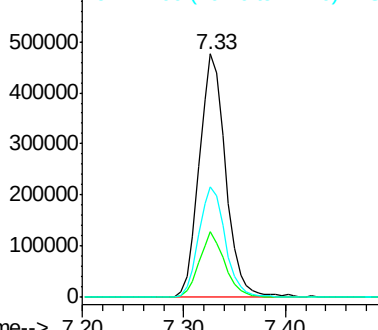
99 100

42 26.8 20.5 30.7

71 45.4 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: 44.29 ng

RT: 7.73 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

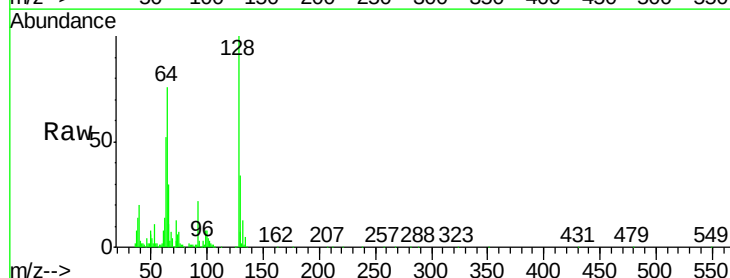
Tgt Ion: 128 Resp: 199642

Ion Ratio Lower Upper

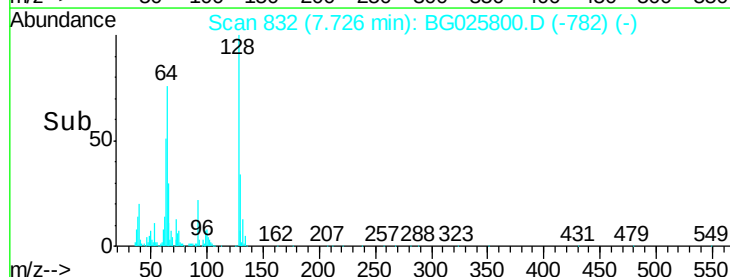
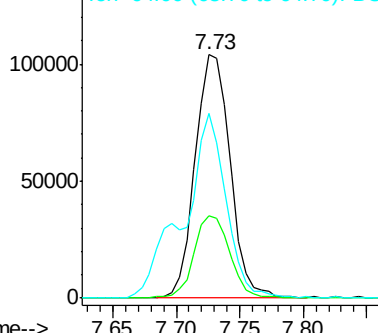
128 100

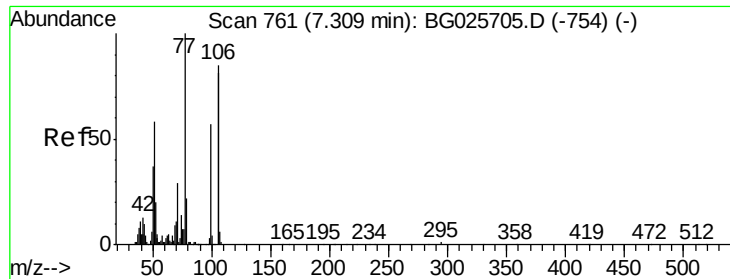
130 34.1 11.4 51.4

64 76.0 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 21.15 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

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ClientSampleId :

PB96126BS

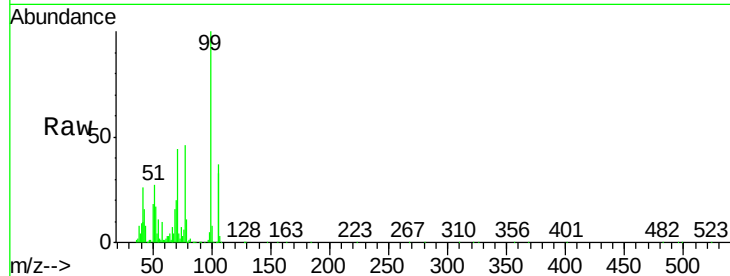
Tgt Ion: 77 Resp: 104080

Ion Ratio Lower Upper

77 100

105 81.2 60.9 100.9

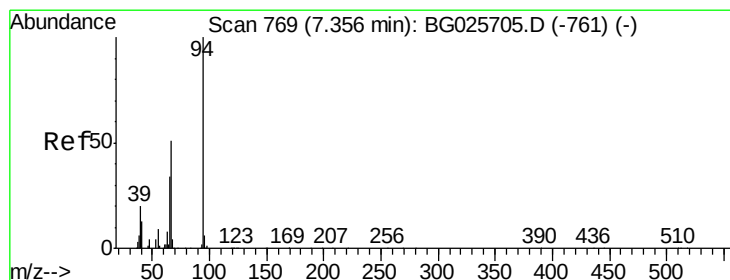
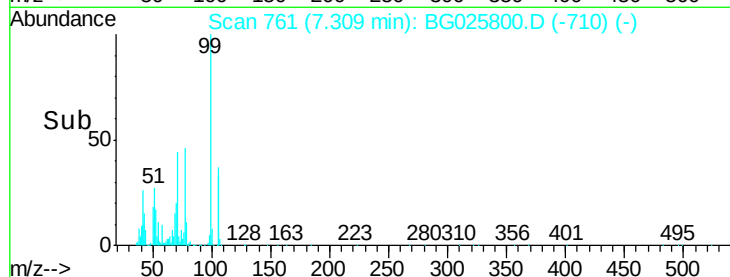
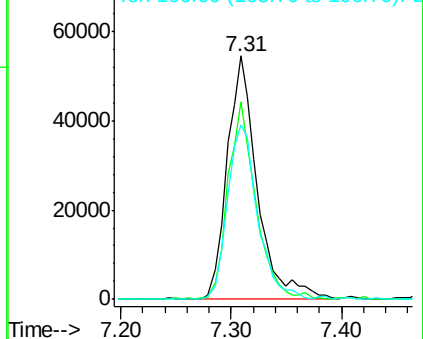
106 71.8 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.18 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

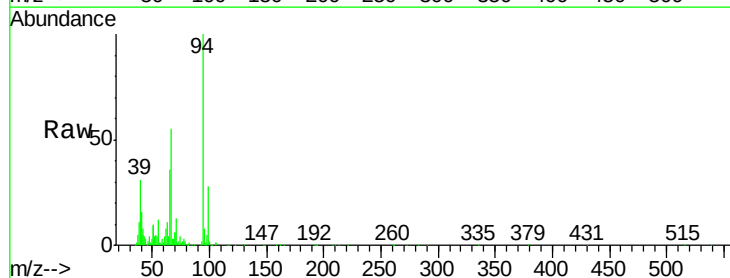
Tgt Ion: 94 Resp: 301016

Ion Ratio Lower Upper

94 100

65 35.6 20.6 60.6

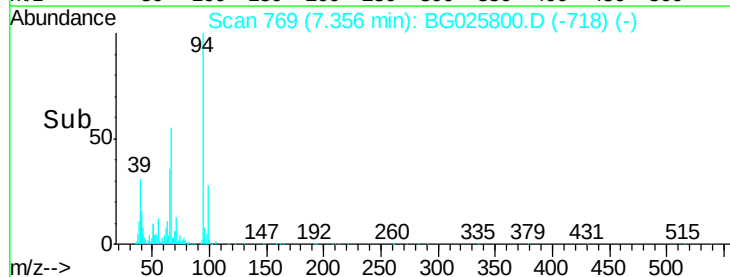
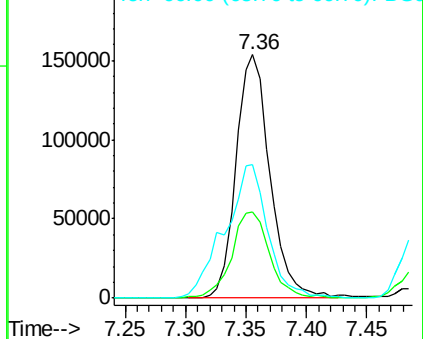
66 54.9 35.5 75.5

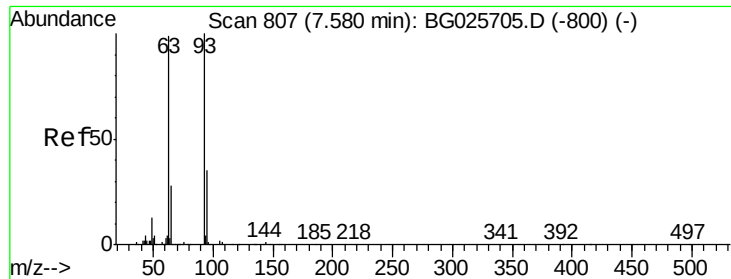


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

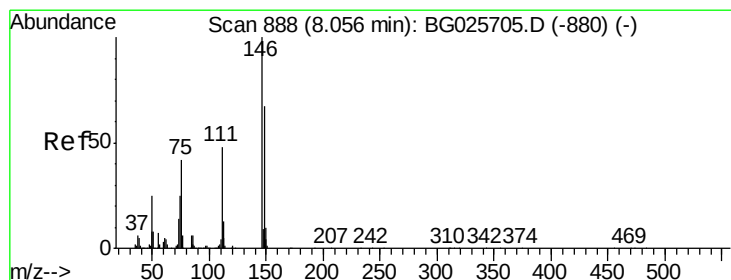
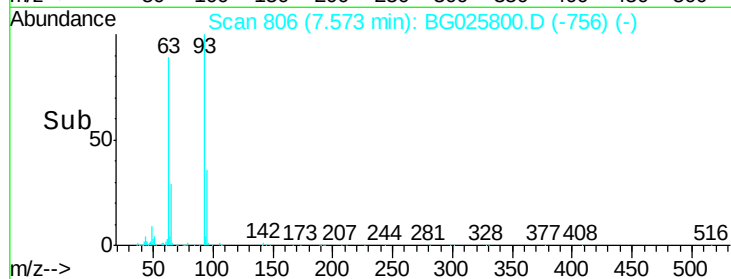
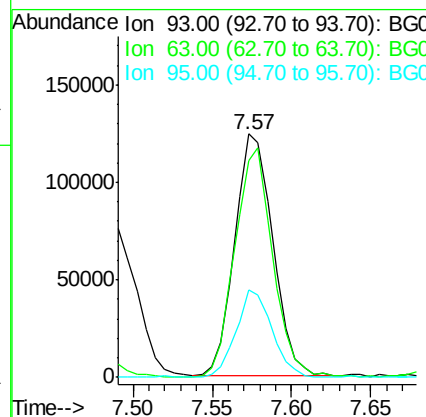
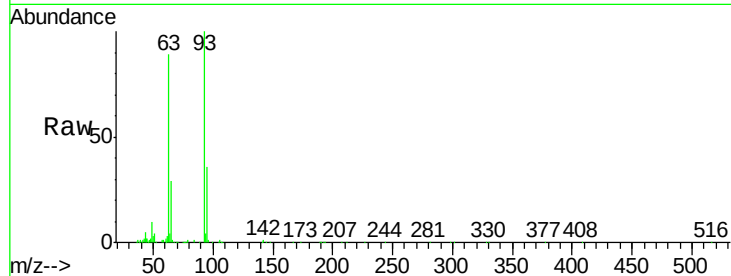




#11
bis(2-Chloroethyl)ether
Concen: 40.10 ng
RT: 7.57 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

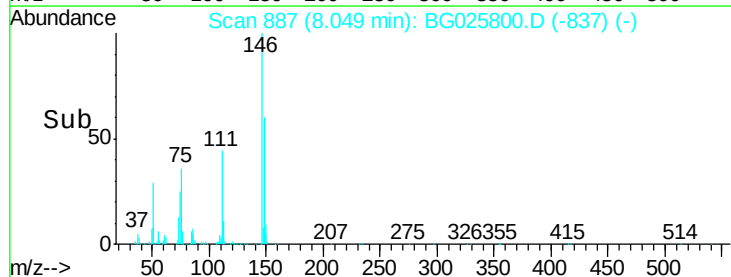
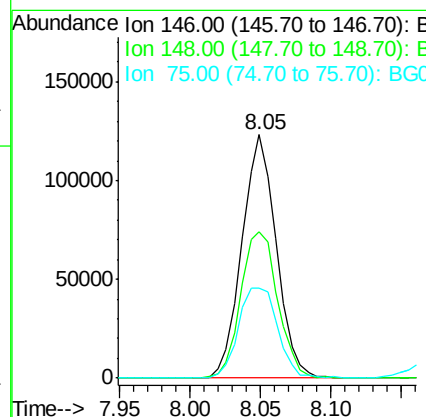
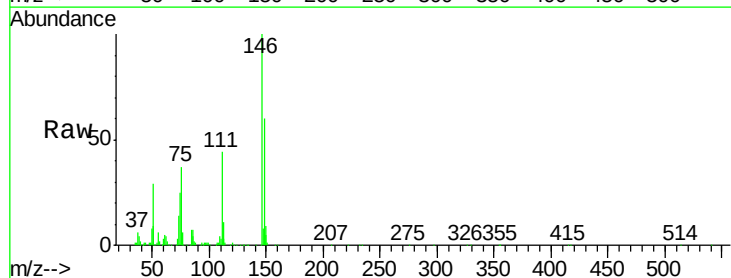
Instrument :
BNA_G
ClientSampleId :
PB96126BS

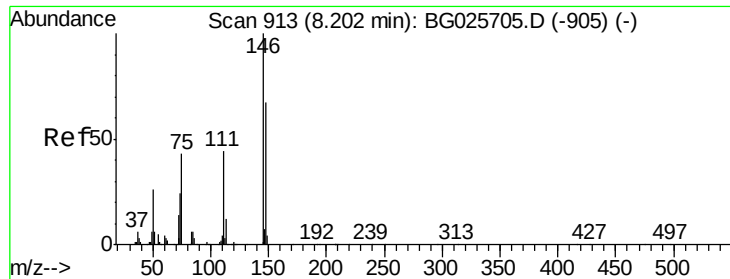
Tgt Ion: 93 Resp: 206702
Ion Ratio Lower Upper
93 100
63 89.0 78.5 118.5
95 35.8 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 38.08 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion: 146 Resp: 209887
Ion Ratio Lower Upper
146 100
148 60.3 49.2 73.8
75 36.9 33.4 50.2

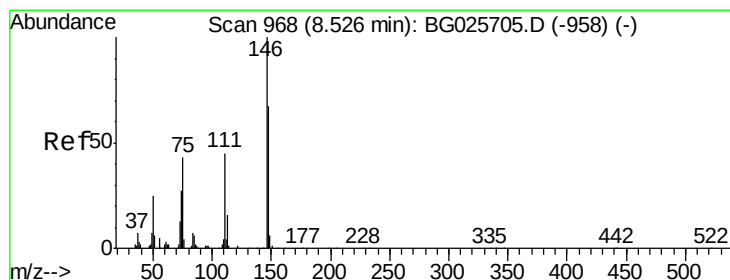
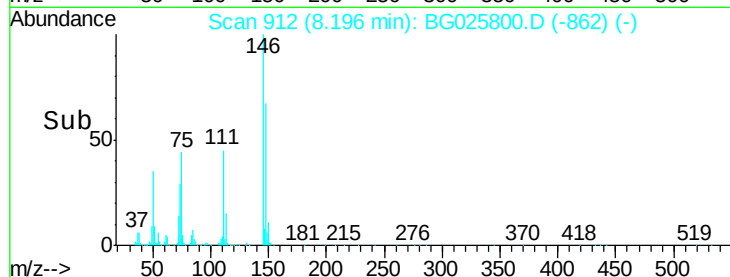
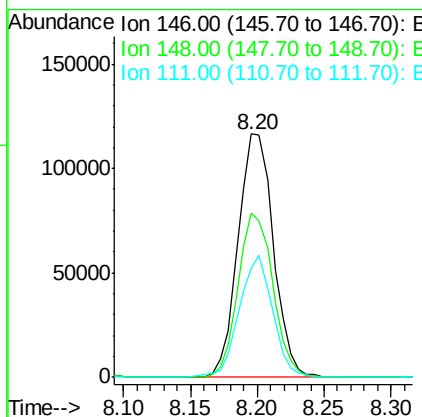
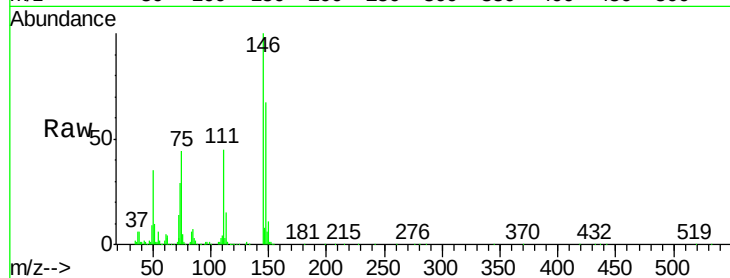




#13
 1,4-Dichlorobenzene
 Concen: 38.12 ng
 RT: 8.20 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

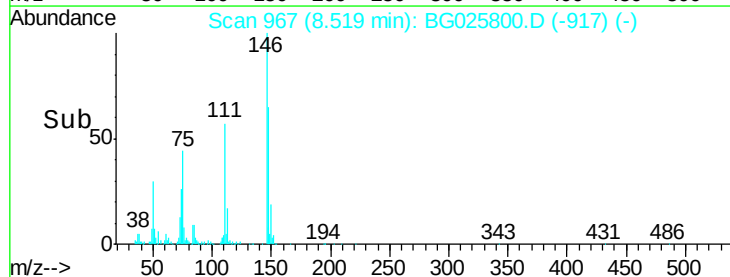
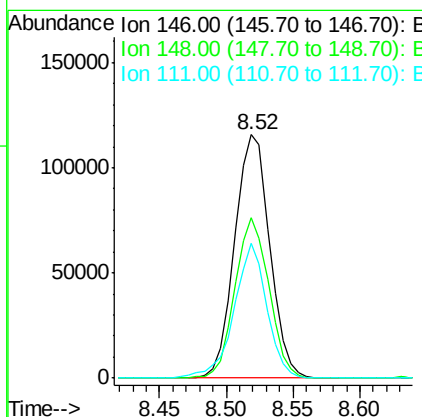
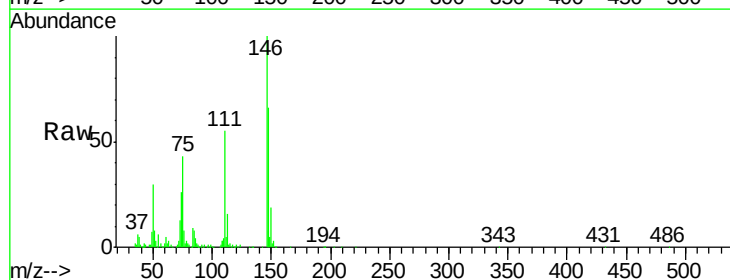
Instrument :
 BNA_G
 ClientSampleId :
 PB96126BS

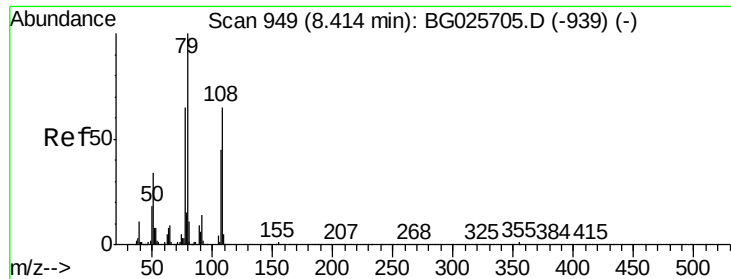
Tgt Ion:146 Resp: 213634
 Ion Ratio Lower Upper
 146 100
 148 67.5 52.2 78.2
 111 45.1 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 39.23 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

Tgt Ion:146 Resp: 210683
 Ion Ratio Lower Upper
 146 100
 148 65.9 54.6 81.8
 111 55.4 39.7 59.5





#15

Benzyl Alcohol

Concen: 44.88 ng

RT: 8.41 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

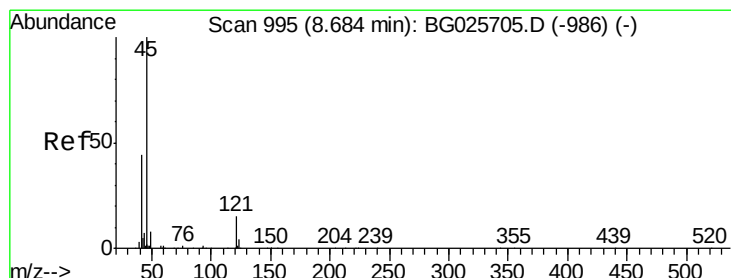
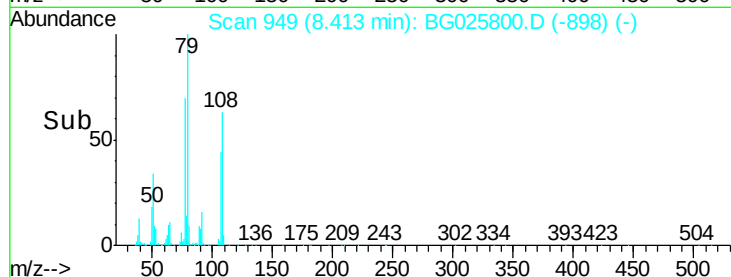
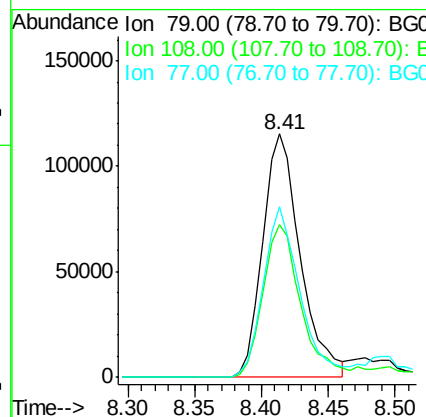
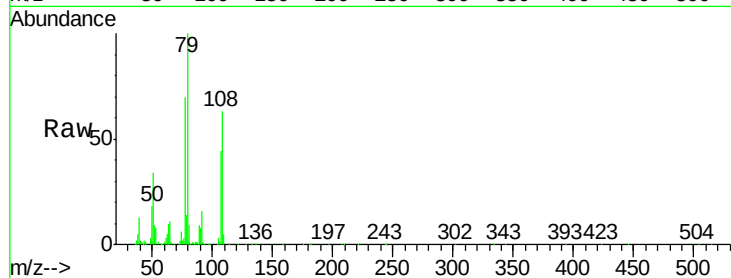
Tgt Ion: 79 Resp: 225083

Ion Ratio Lower Upper

79 100

108 62.5 45.5 68.3

77 69.8 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.11 ng

RT: 8.69 min Scan# 996

Delta R.T. 0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

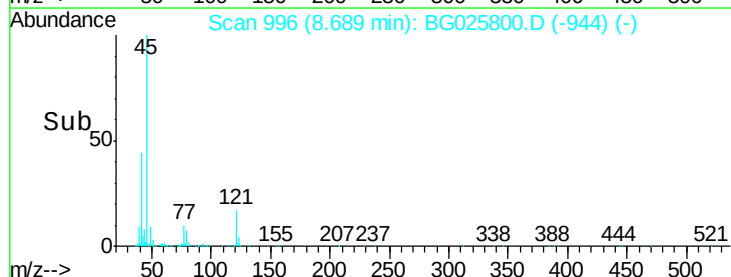
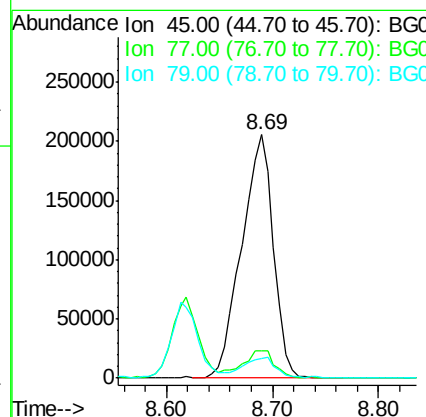
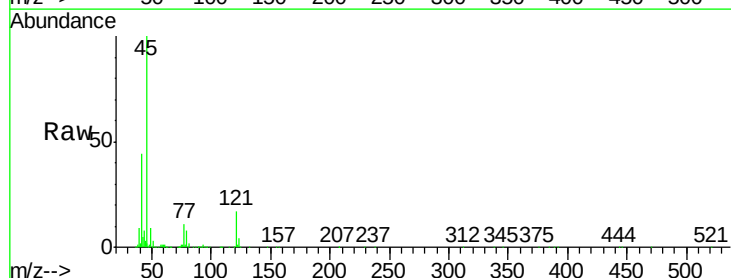
Tgt Ion: 45 Resp: 427859

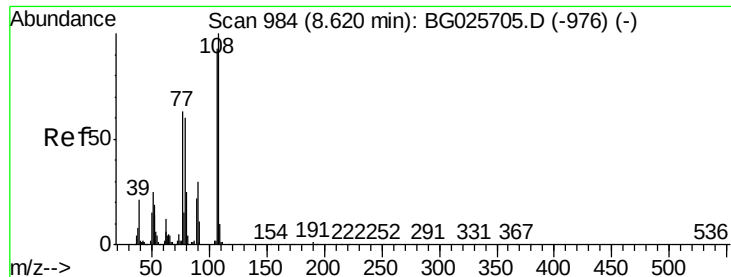
Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.6

79 8.1 0.0 28.5





#17

2-Methylphenol

Concen: 41.46 ng

RT: 8.62 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

Tgt Ion:107 Resp: 184629

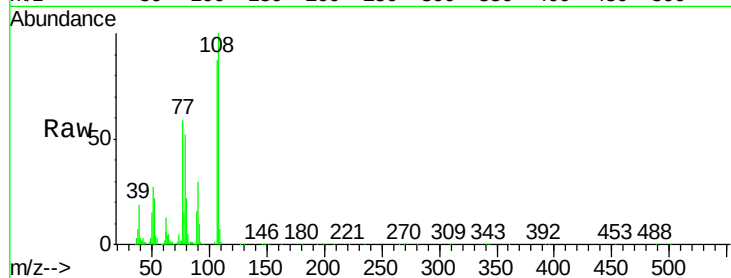
Ion Ratio Lower Upper

107 100

108 115.3 85.6 128.4

77 67.7 51.4 77.2

79 59.9 49.2 73.8

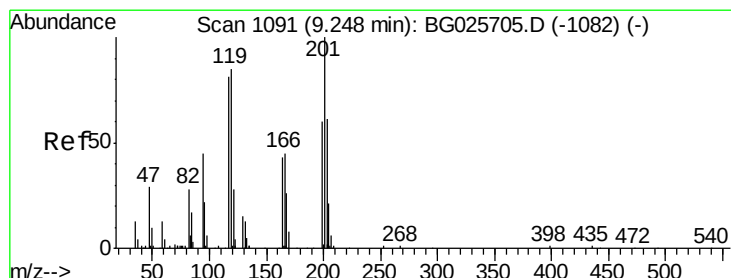
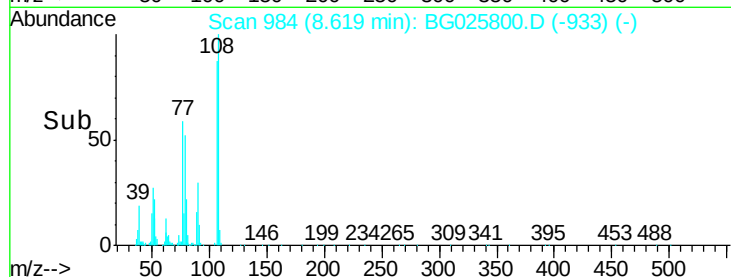
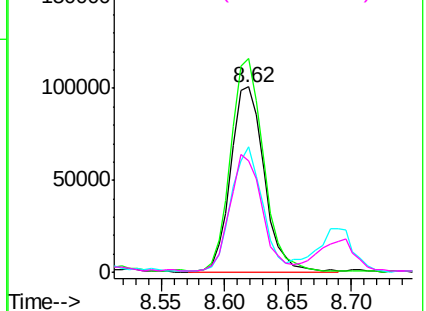


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.43 ng

RT: 9.24 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

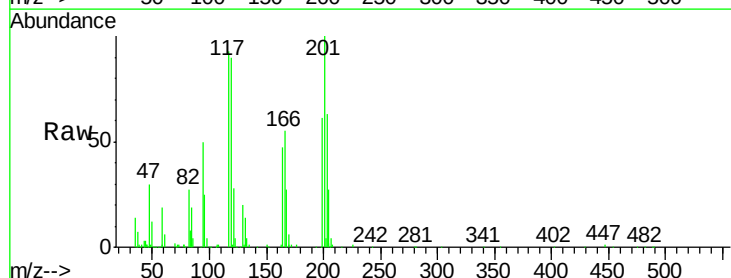
Tgt Ion:117 Resp: 87703

Ion Ratio Lower Upper

117 100

119 96.8 69.8 104.6

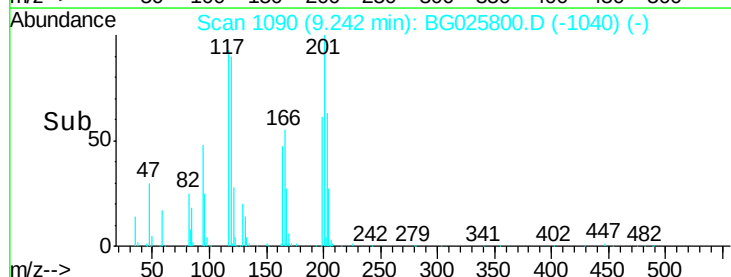
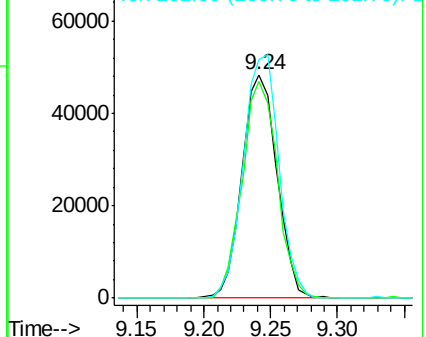
201 107.0 95.4 143.0

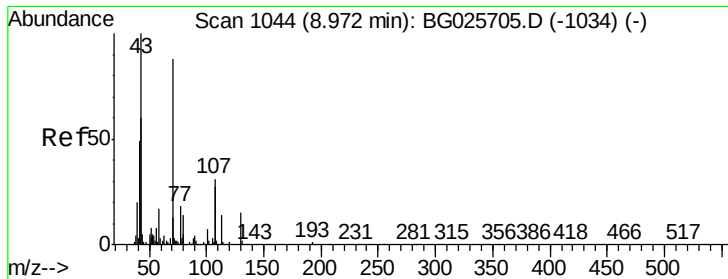


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

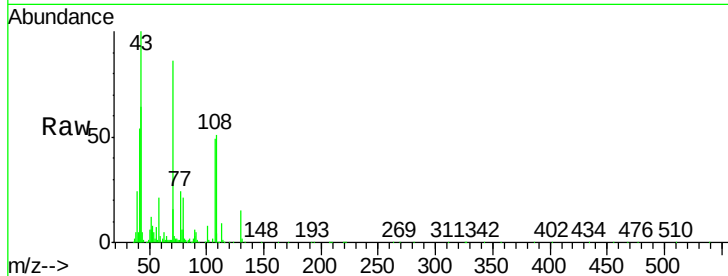




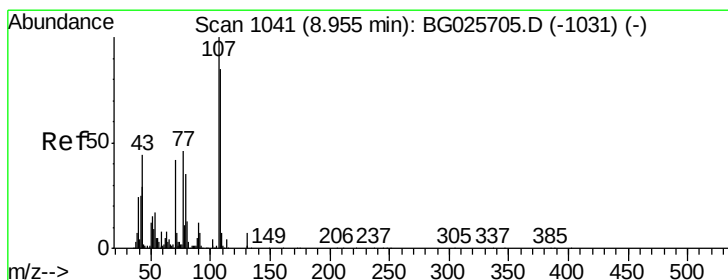
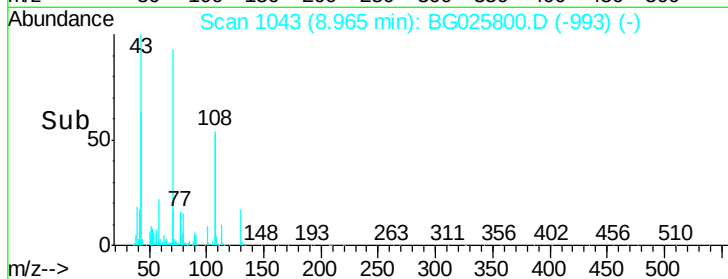
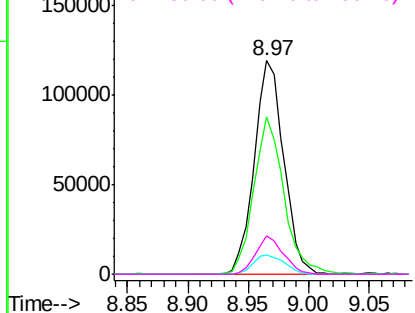
#19
n-Nitroso-di-n-propylamine
Concen: 39.68 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Instrument :
BNA_G
ClientSampleId :
PB96126BS

Tgt Ion:	70	Resp:	203052
Ion	Ratio	Lower	Upper
70	100		
42	73.7	56.1	84.1
101	9.2	7.5	11.3
130	17.9	14.6	21.8

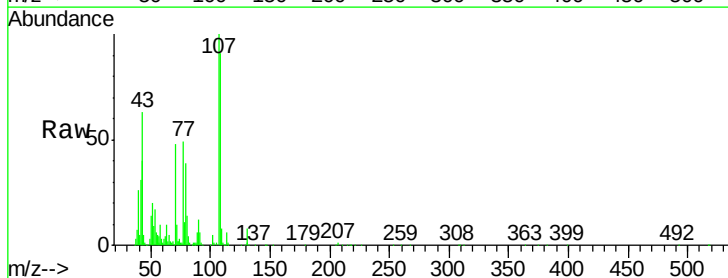


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

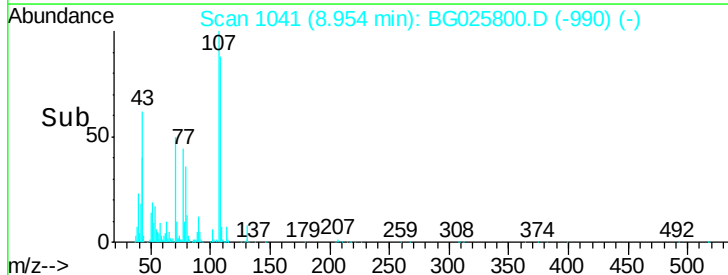
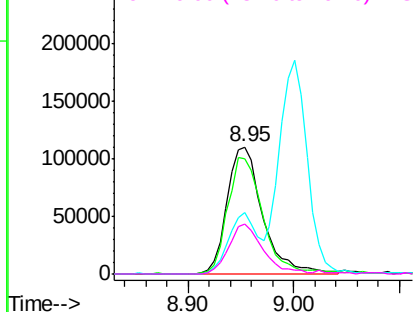


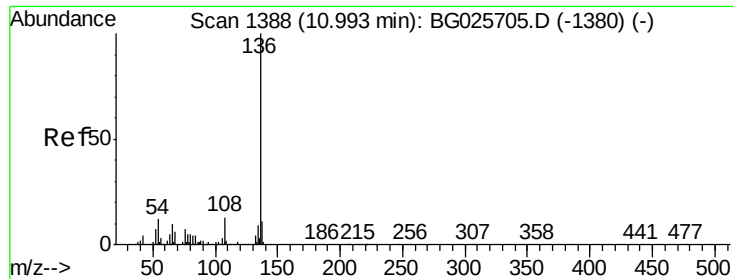
#20
3+4-Methylphenols
Concen: 41.94 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion:	107	Resp:	254854
Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.8	110.8
77	48.7	25.8	65.8
79	38.9	20.1	60.1



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

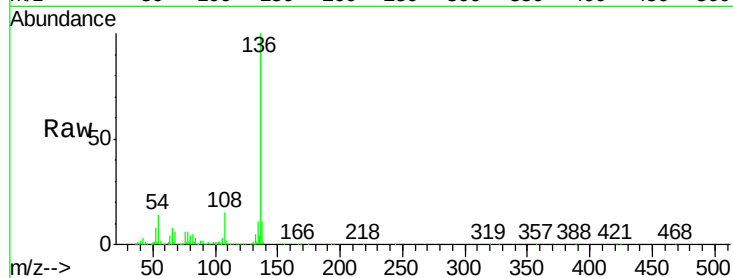




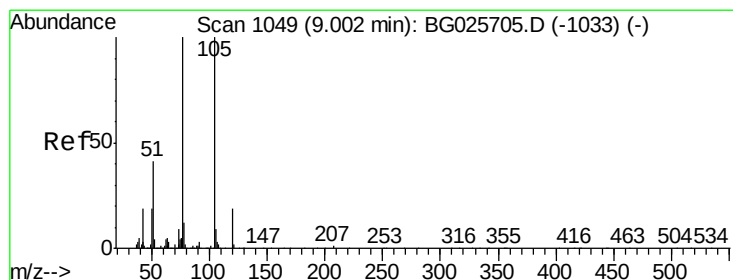
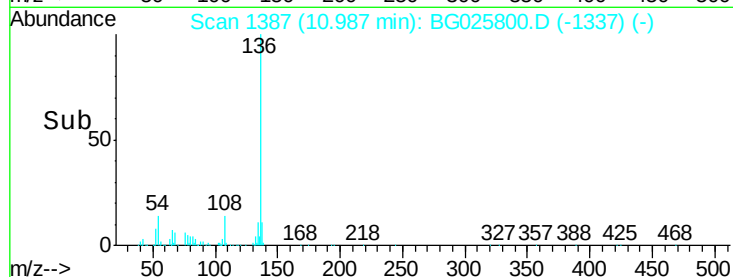
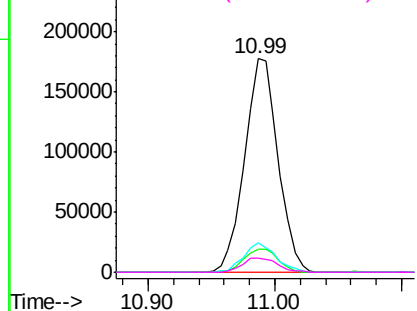
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Instrument :
BNA_G
ClientSampleId :
PB96126BS

Tgt Ion:	136	Resp:	324385
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	13.5	9.3	13.9
68	6.3	5.1	7.7

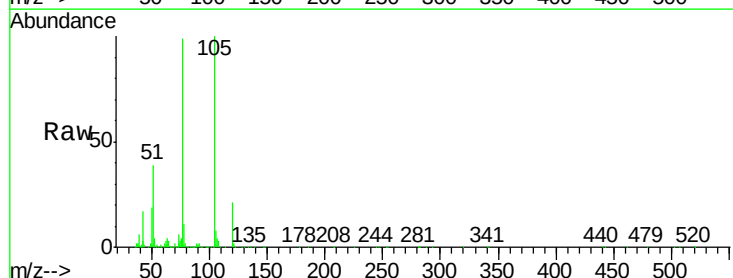


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

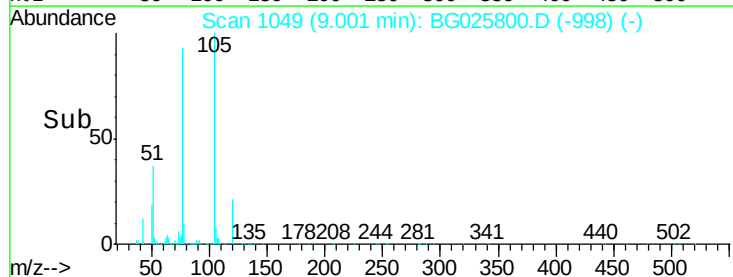
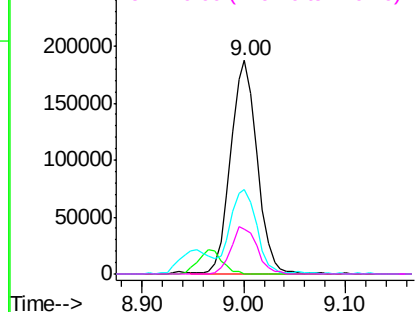


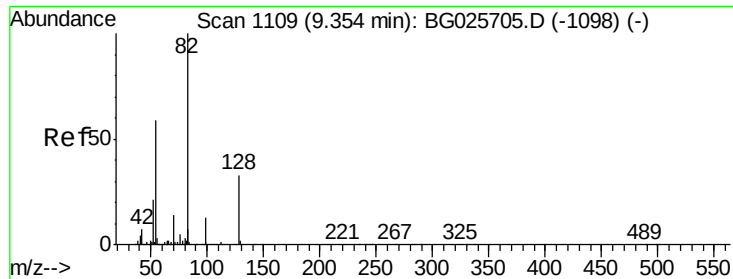
#22
Acetophenone
Concen: 38.29 ng
RT: 9.00 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion:	105	Resp:	340052
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.9	1.3#
51	39.4	34.0	51.0
120	20.8	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

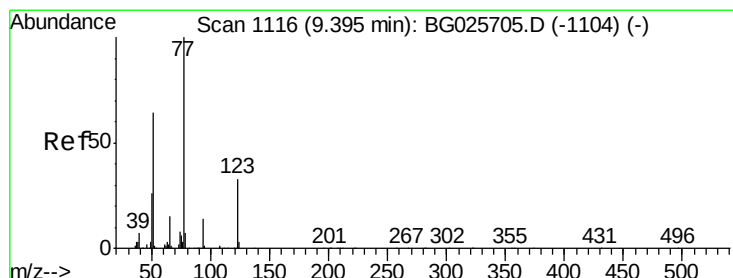
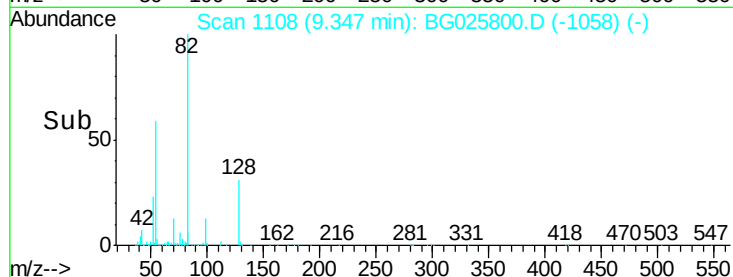
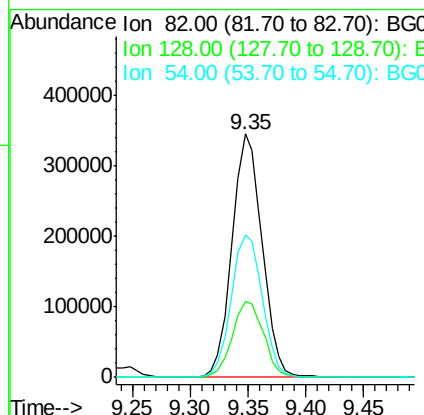
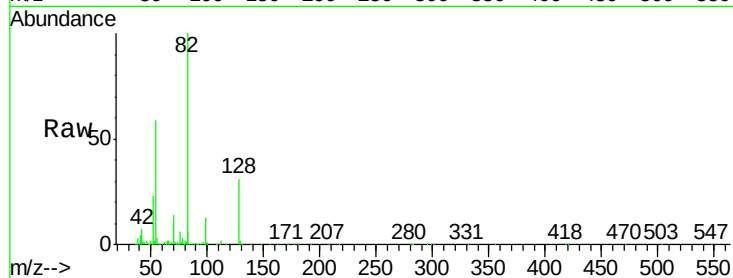




#23
 Nitrobenzene-d5
 Concen: 81.16 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

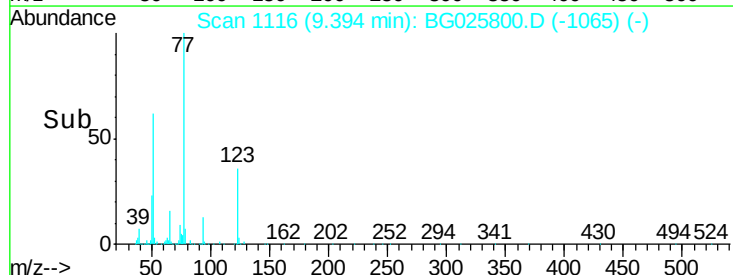
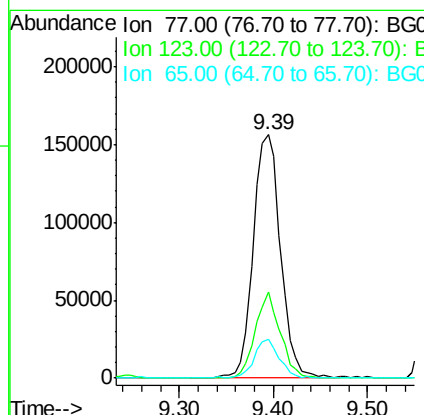
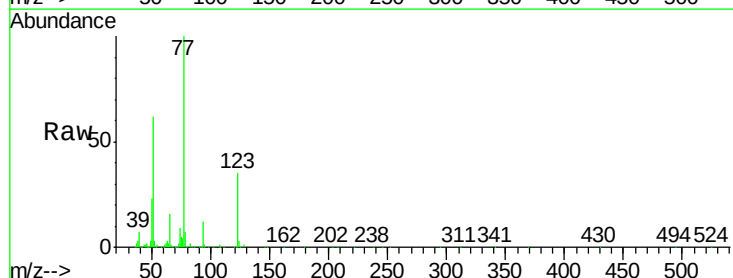
Instrument :
 BNA_G
 ClientSampleId :
 PB96126BS

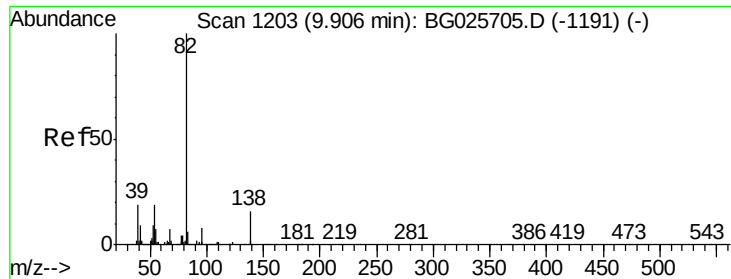
Tgt Ion: 82 Resp: 623092
 Ion Ratio Lower Upper
 82 100
 128 31.2 26.4 39.6
 54 58.7 49.4 74.2



#24
 Nitrobenzene
 Concen: 37.59 ng
 RT: 9.39 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

Tgt Ion: 77 Resp: 315113
 Ion Ratio Lower Upper
 77 100
 123 35.3 26.1 39.1
 65 15.9 12.4 18.6





#25

Isophorone

Concen: 36.34 ng

RT: 9.91 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

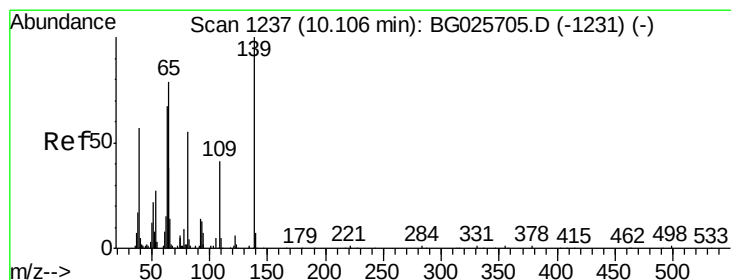
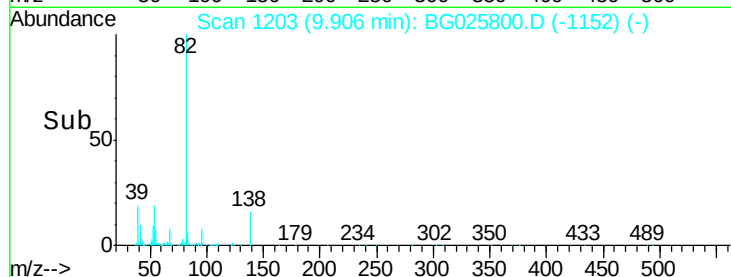
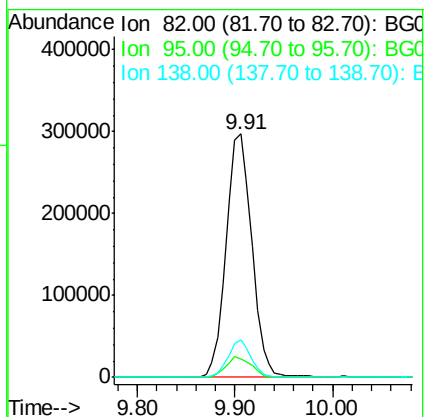
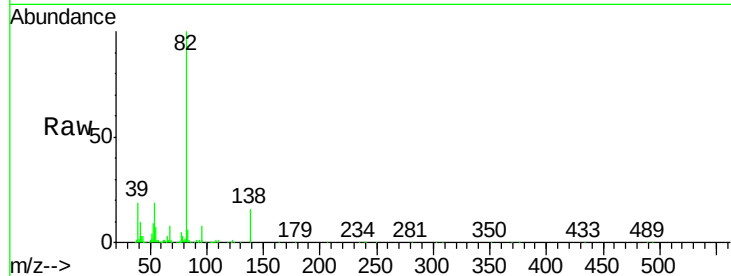
Tgt Ion: 82 Resp: 543598

Ion Ratio Lower Upper

82 100

95 7.5 7.5 11.3

138 15.5 12.3 18.5



#26

2-Nitrophenol

Concen: 40.01 ng

RT: 10.11 min Scan# 1238

Delta R.T. 0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

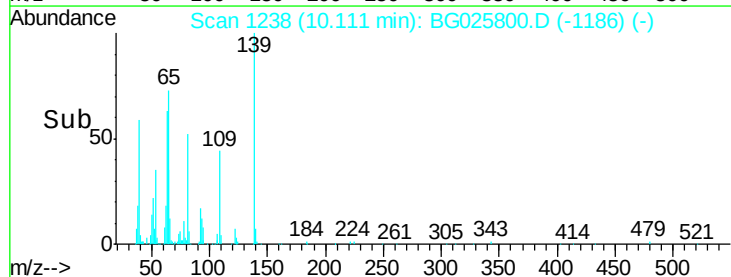
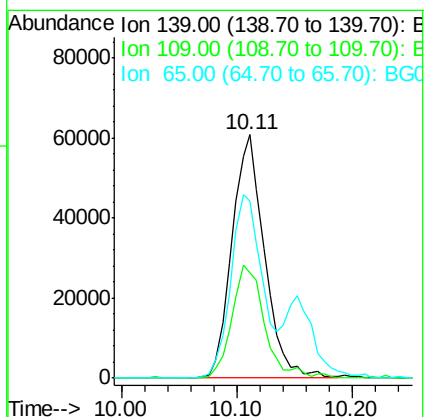
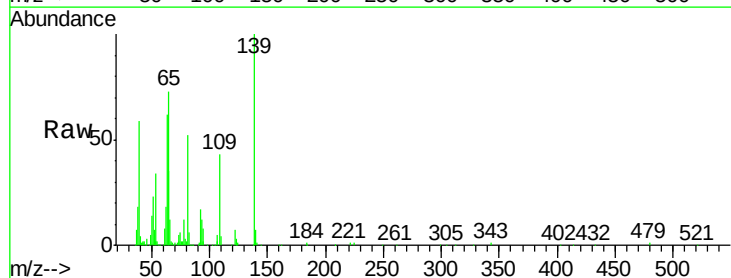
Tgt Ion: 139 Resp: 118832

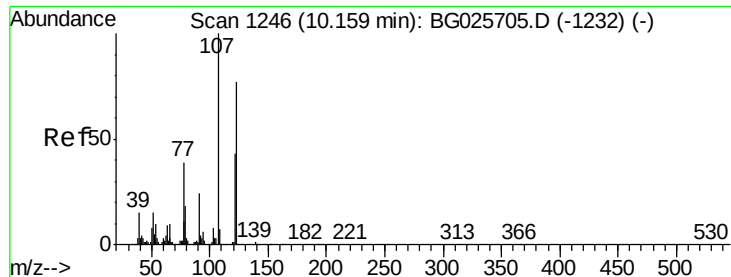
Ion Ratio Lower Upper

139 100

109 43.5 38.6 58.0

65 72.6 57.1 85.7

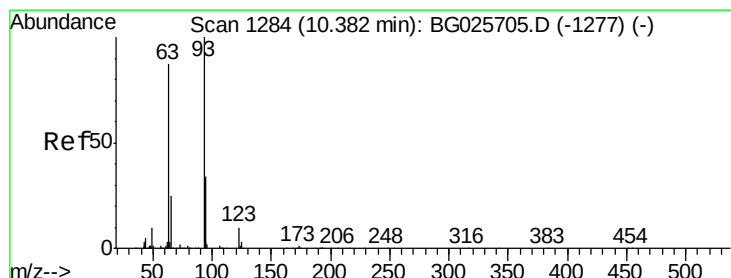
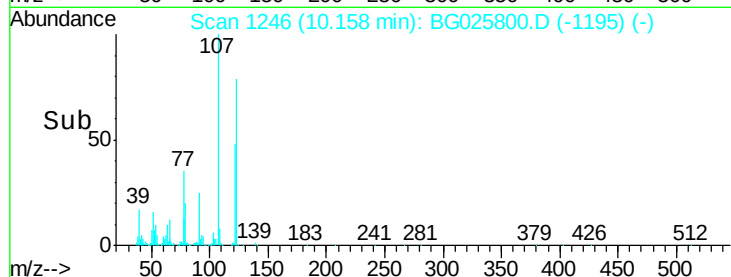
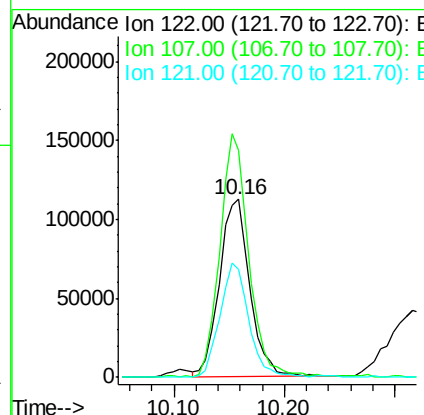
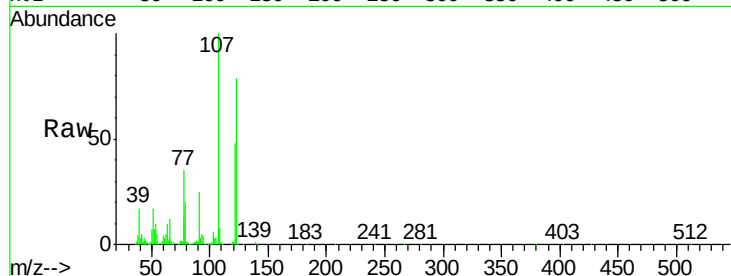




#27
2,4-Dimethylphenol
Concen: 41.56 ng
RT: 10.16 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

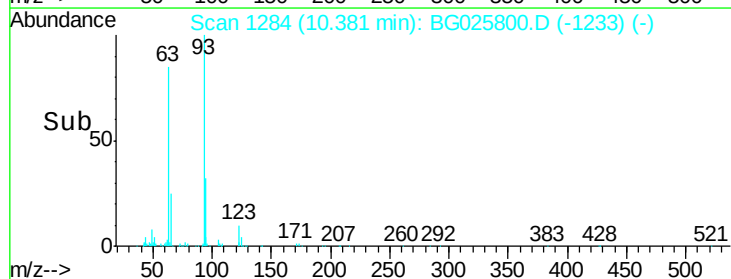
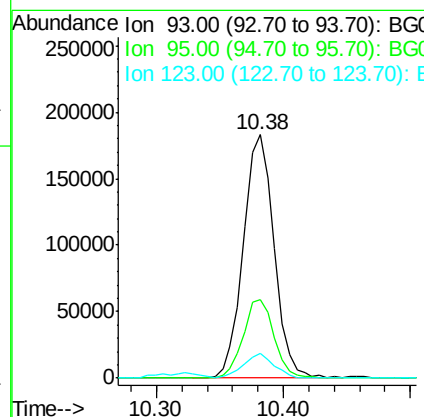
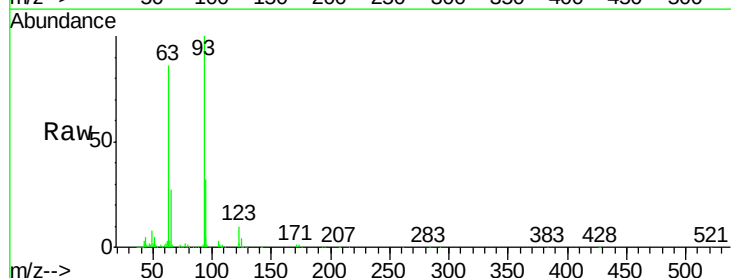
Instrument :
BNA_G
ClientSampleId :
PB96126BS

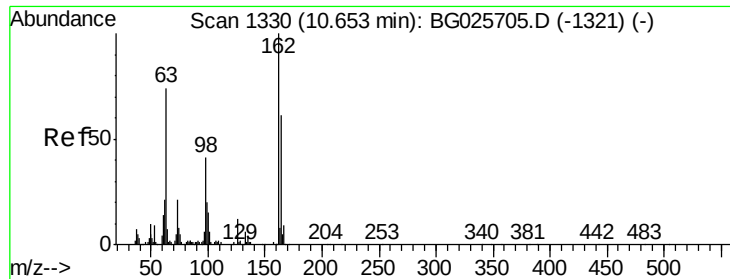
Tgt Ion	Ratio	Lower	Upper
122	100		
107	127.1	104.2	156.4
121	60.6	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 38.77 ng
RT: 10.38 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	10.1	8.3	12.5

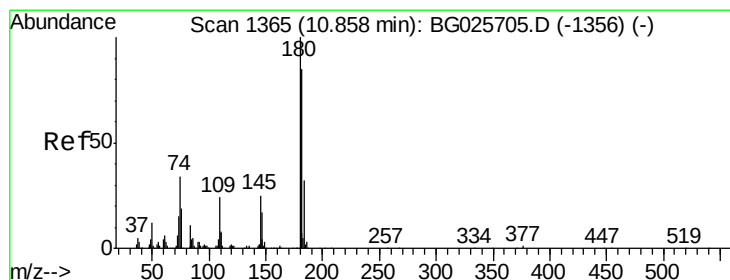
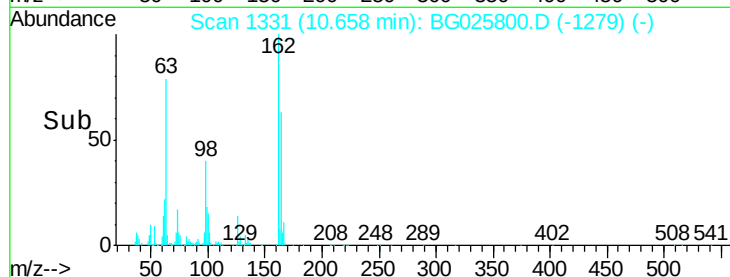
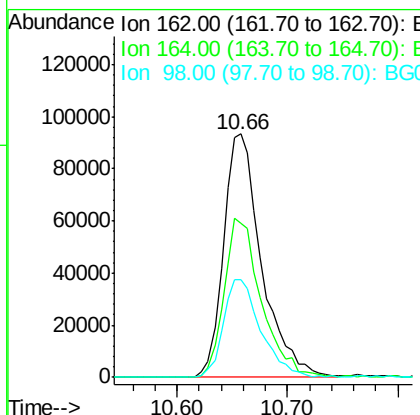
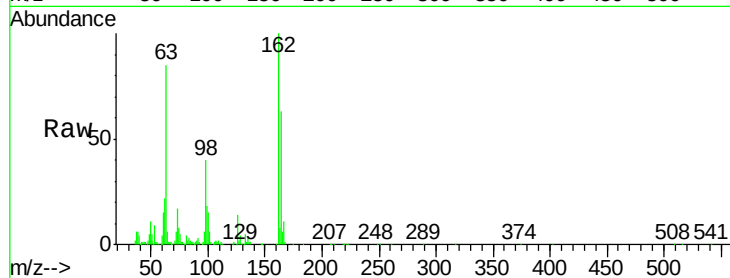




#29
2,4-Dichlorophenol
Concen: 42.25 ng
RT: 10.66 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

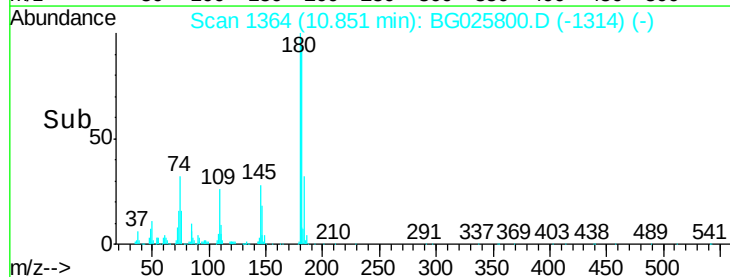
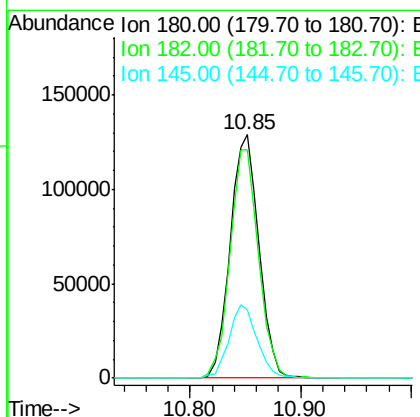
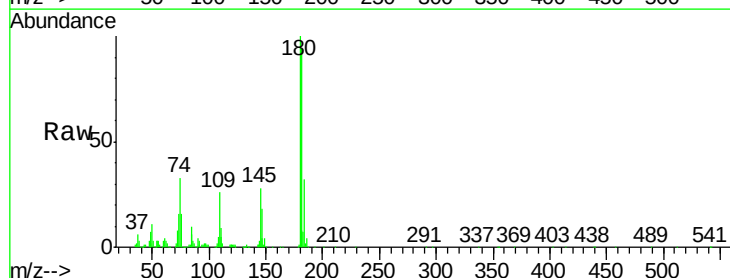
Instrument :
BNA_G
ClientSampleId :
PB96126BS

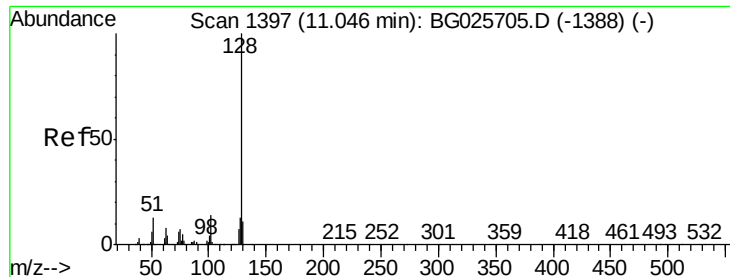
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.4	82.4
98	39.9	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 38.06 ng
RT: 10.85 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.0	115.4
145	27.9	23.4	35.0

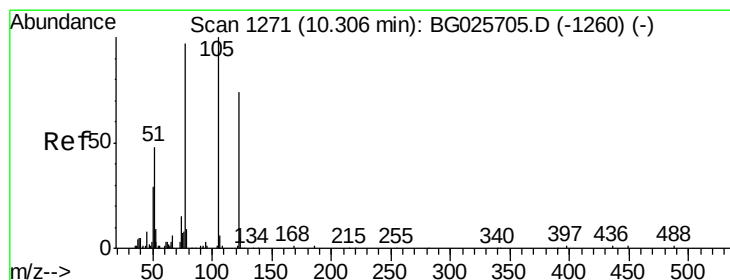
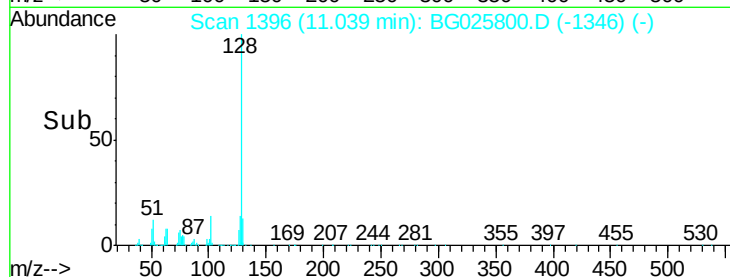
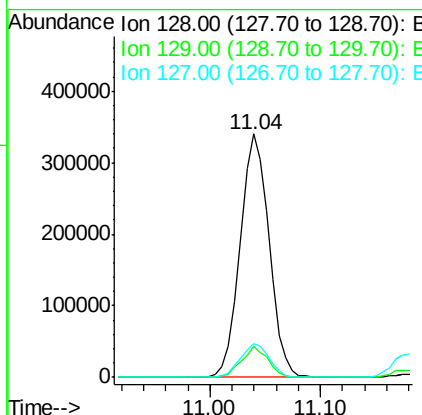
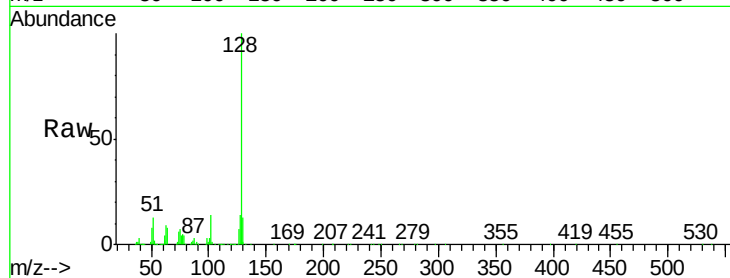




#31
Naphthalene
Concen: 37.26 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

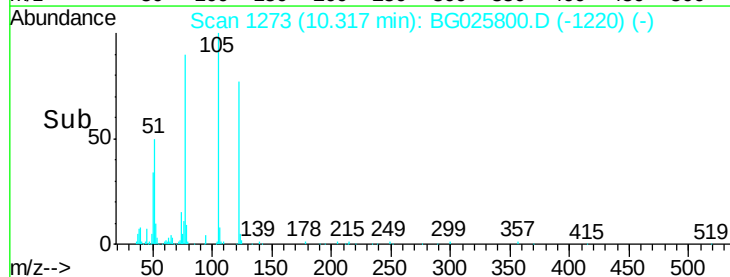
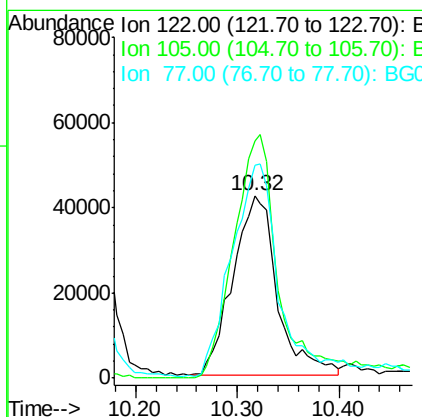
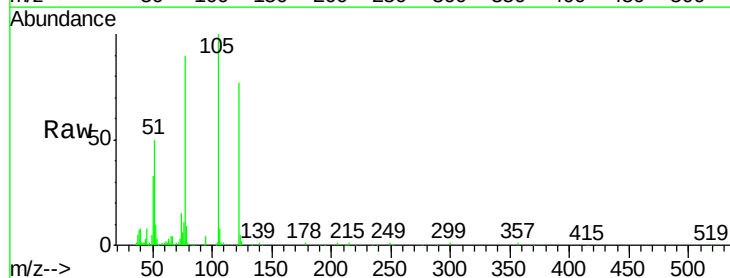
Instrument :
BNA_G
ClientSampleId :
PB96126BS

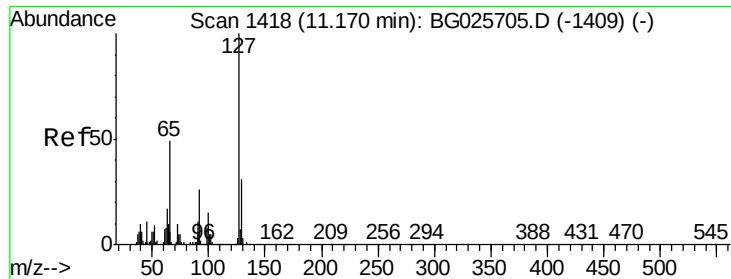
Tgt Ion:128 Resp: 627525
Ion Ratio Lower Upper
128 100
129 12.6 9.3 13.9
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 39.61 ng
RT: 10.32 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion:122 Resp: 127064
Ion Ratio Lower Upper
122 100
105 129.9 120.1 160.1
77 116.7 104.6 144.6

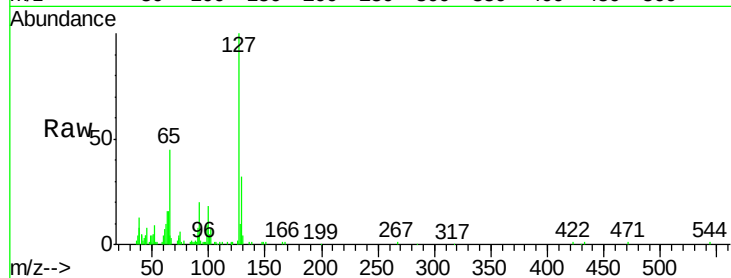




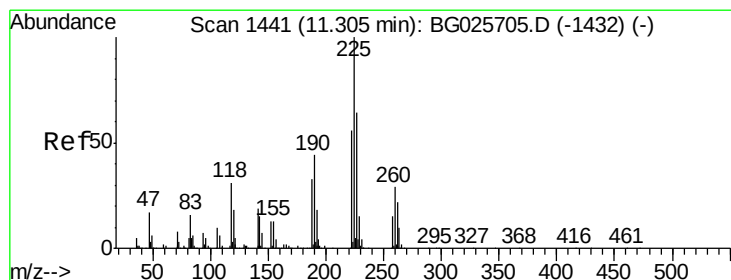
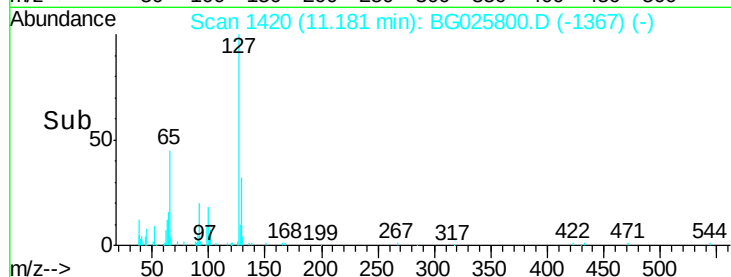
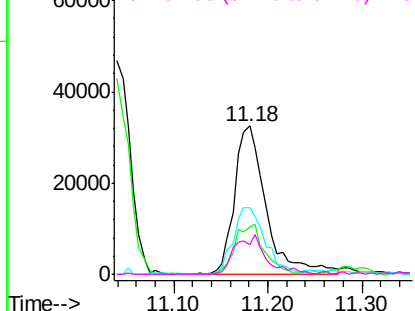
#33
4-Chloroaniline
Concen: 10.90 ng
RT: 11.18 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Instrument :
BNA_G
ClientSampleId :
PB96126BS

Tgt Ion:	127	Resp:	76270
Ion	Ratio	Lower	Upper
127	100		
129	31.5	23.6	35.4
65	45.3	37.7	56.5
92	19.6	17.6	26.4

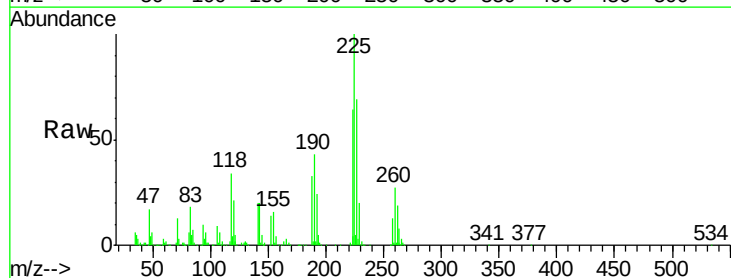


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

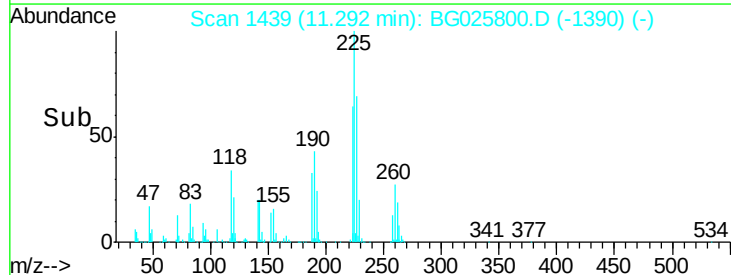
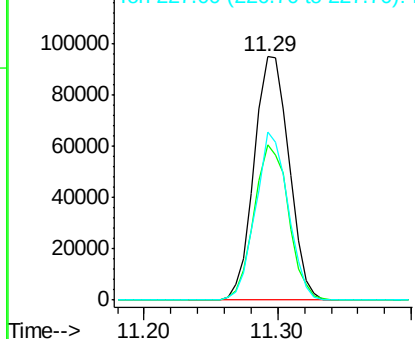


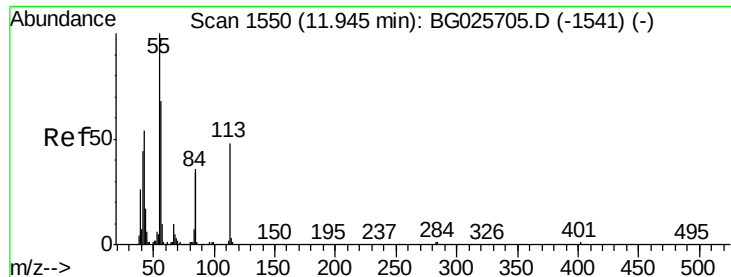
#34
Hexachlorobutadiene
Concen: 34.18 ng
RT: 11.29 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion:	225	Resp:	171698
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.7	76.1
227	68.8	49.0	73.6



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





#35

Caprolactam

Concen: 22.06 ng

RT: 11.94 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

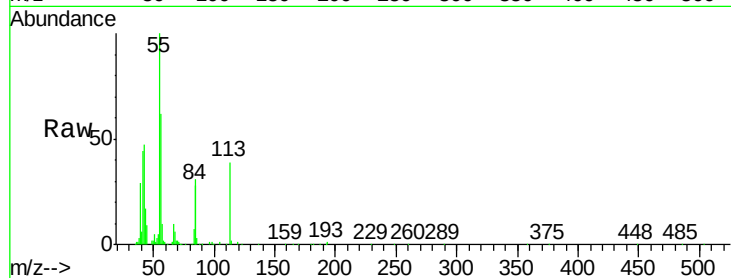
Tgt Ion:113 Resp: 49897

Ion Ratio Lower Upper

113 100

55 257.1 198.6 238.6#

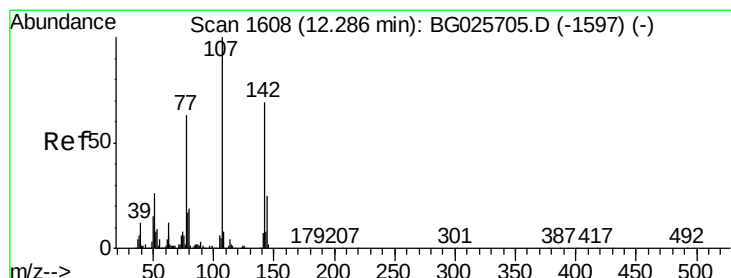
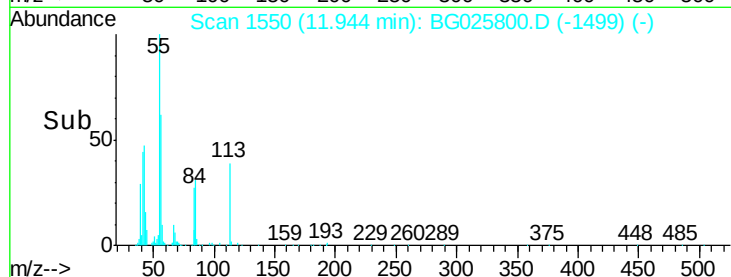
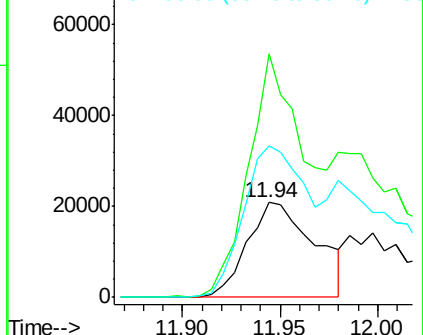
56 159.9 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.90 ng

RT: 12.28 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

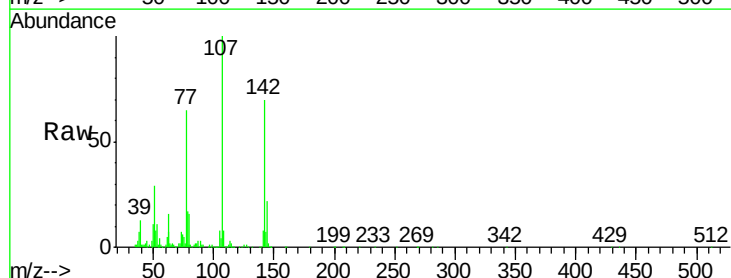
Tgt Ion:107 Resp: 277455

Ion Ratio Lower Upper

107 100

144 21.8 17.4 26.0

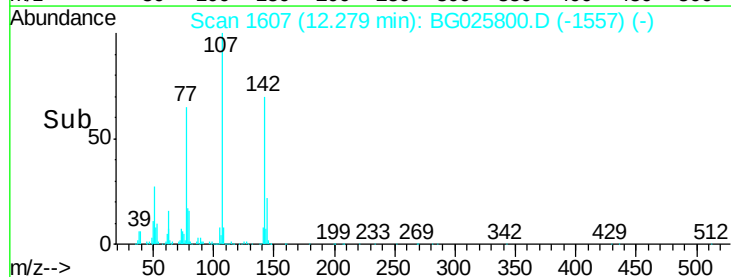
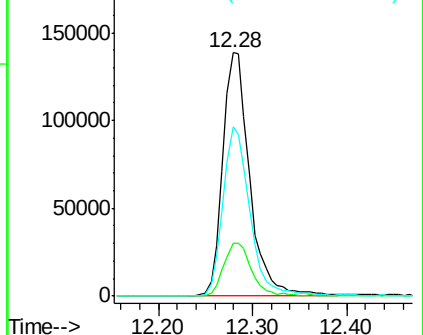
142 69.6 54.1 81.1

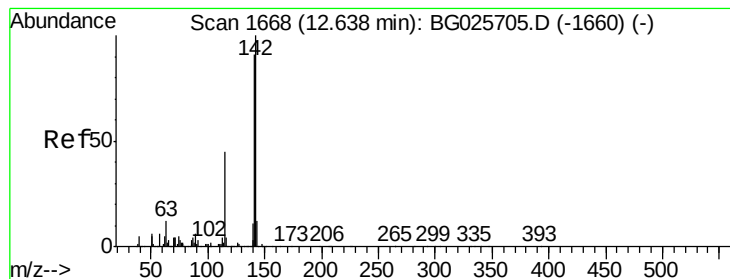


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.32 ng

RT: 12.63 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

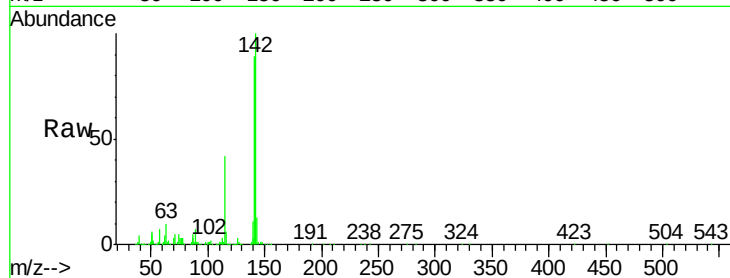
Tgt Ion:142 Resp: 498209

Ion Ratio Lower Upper

142 100

141 88.7 70.4 105.6

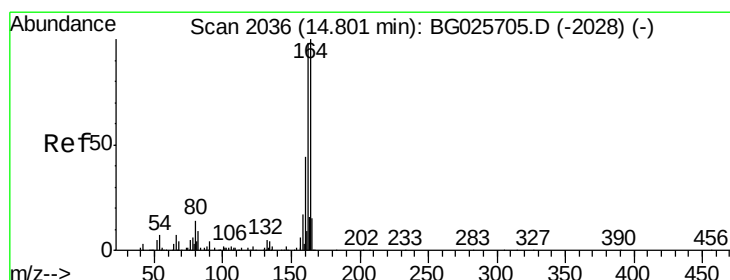
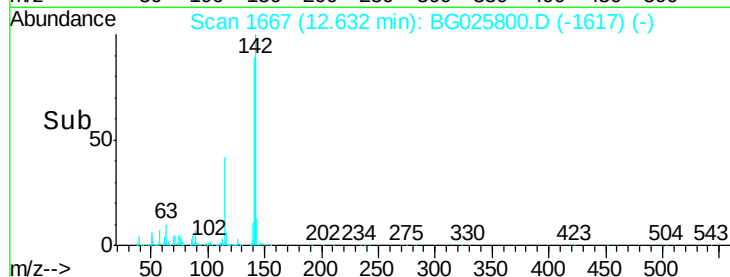
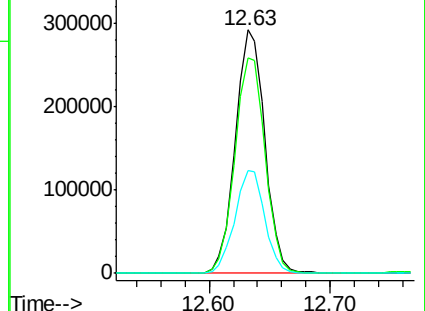
115 42.0 35.5 53.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

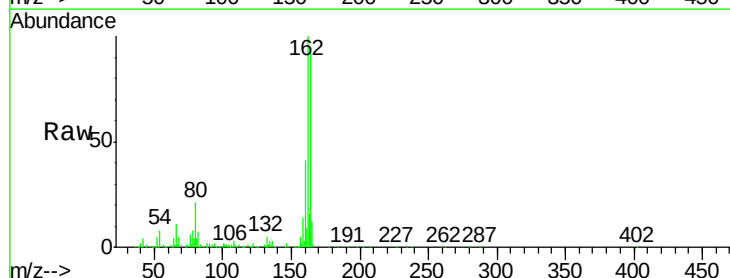
Tgt Ion:164 Resp: 254684

Ion Ratio Lower Upper

164 100

162 108.2 85.1 127.7

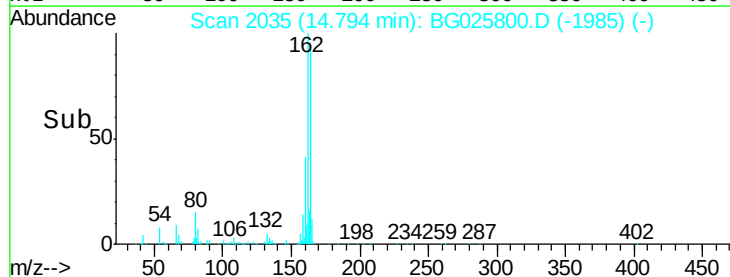
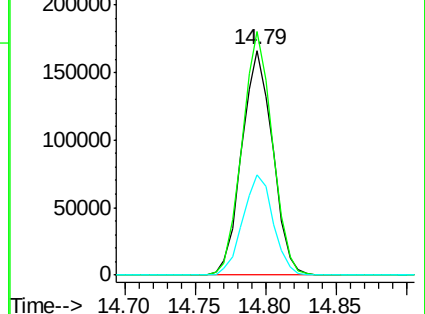
160 44.5 34.7 52.1

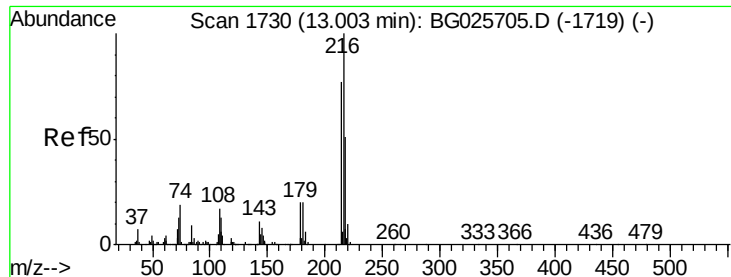


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

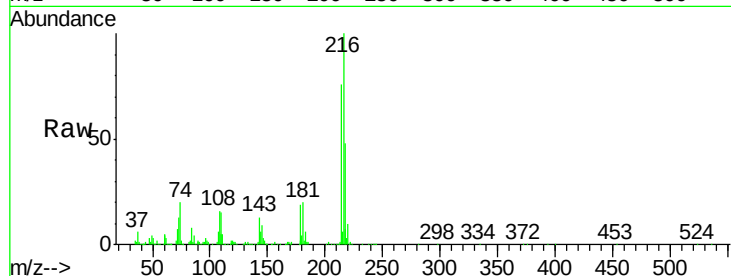




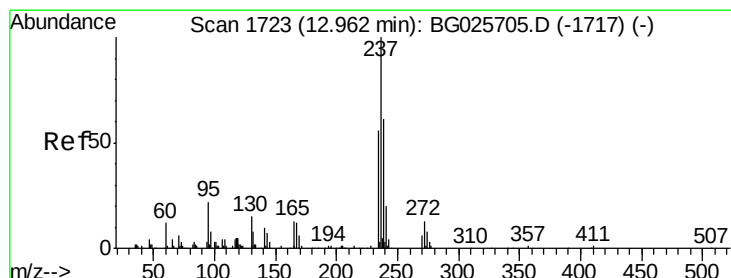
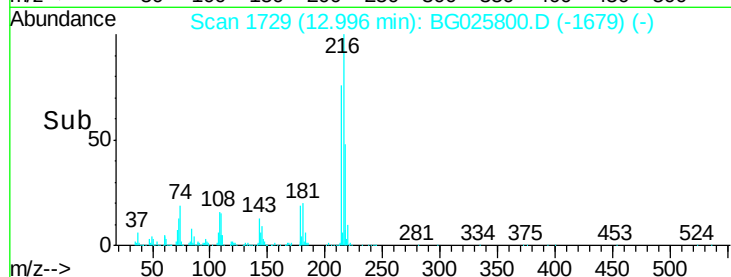
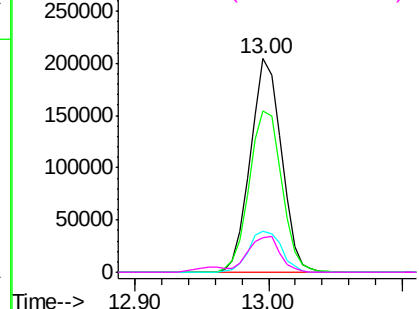
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.33 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BS

Tgt Ion:	216	Resp:	326914
Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.4	96.6
179	20.8	17.4	26.0
108	17.3	15.6	23.4

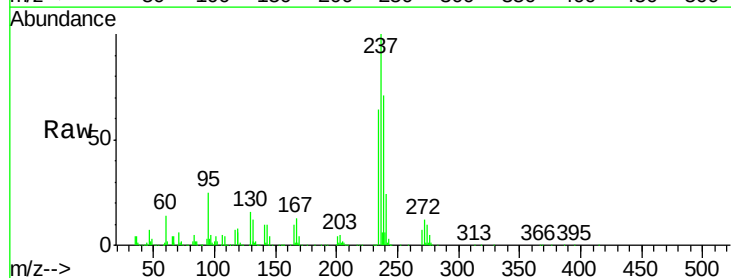


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

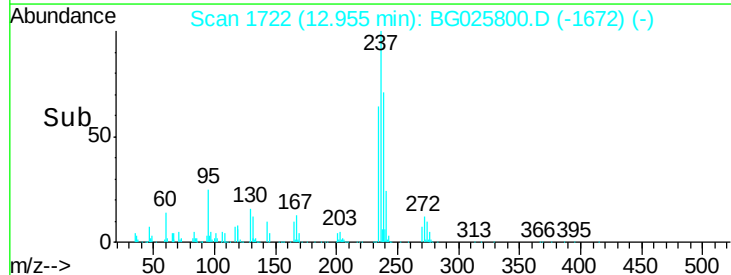
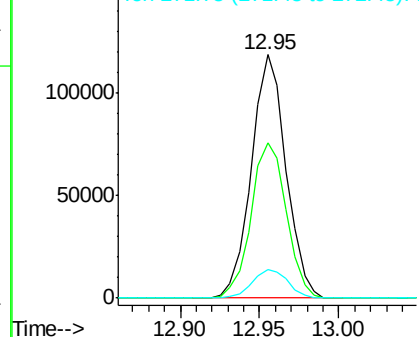


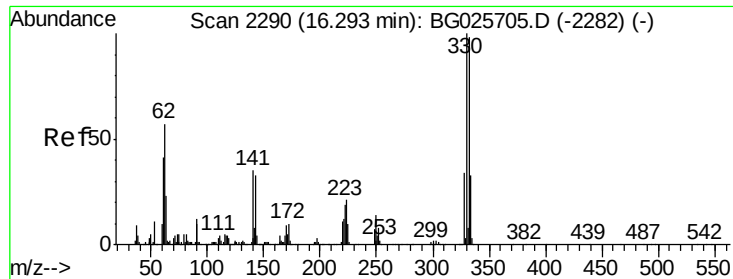
#40
 Hexachlorocyclopentadiene
 Concen: 58.13 ng
 RT: 12.95 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

Tgt Ion:	237	Resp:	180431
Ion	Ratio	Lower	Upper
237	100		
235	63.8	39.4	79.4
272	11.8	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

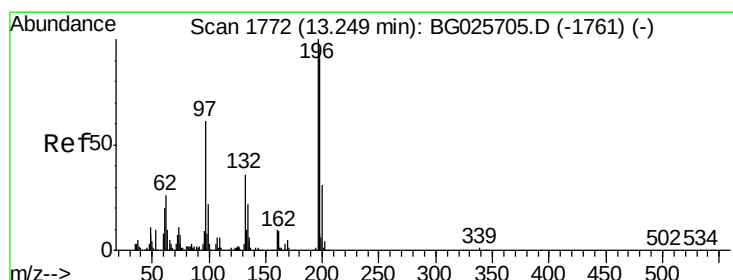
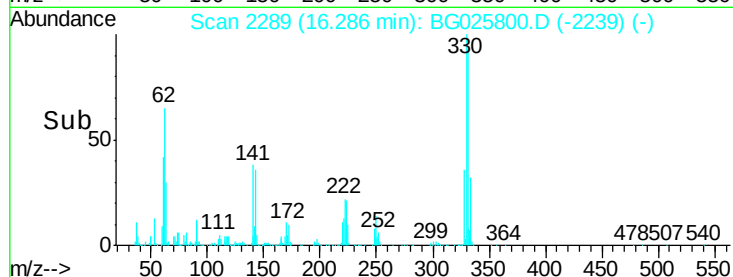
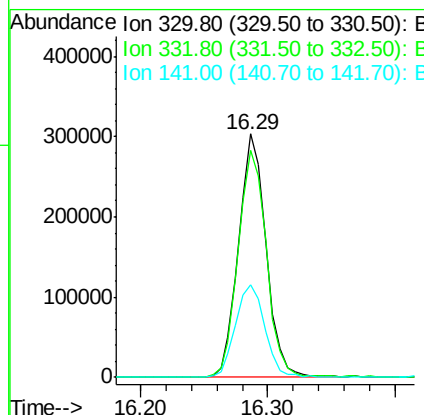
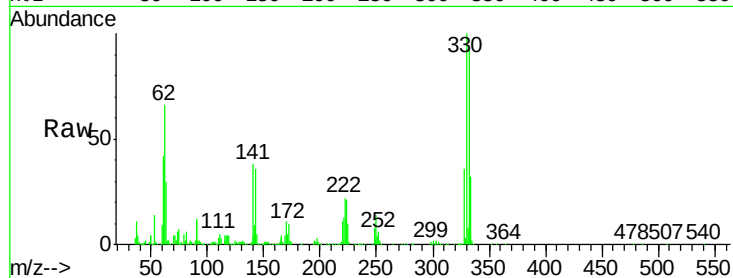




#41
 2,4,6-Tribromophenol
 Concen: 125.44 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

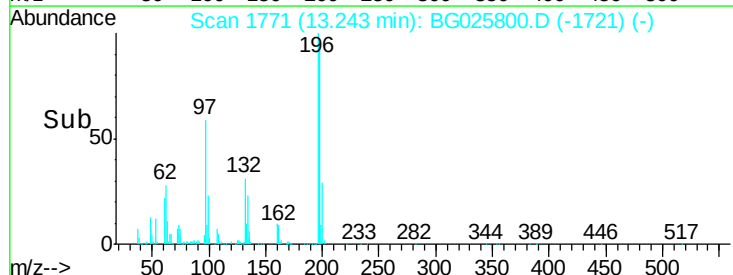
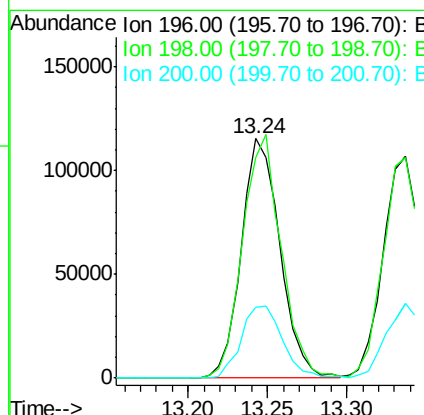
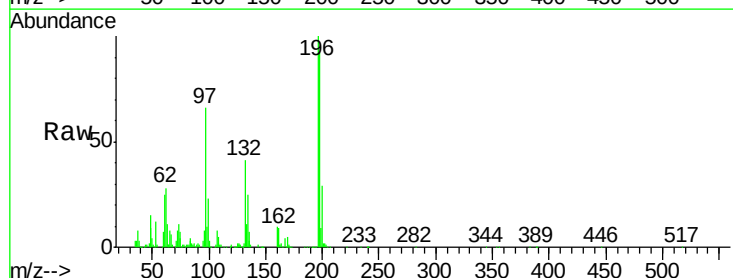
Instrument :
 BNA_G
 ClientSampleId :
 PB96126BS

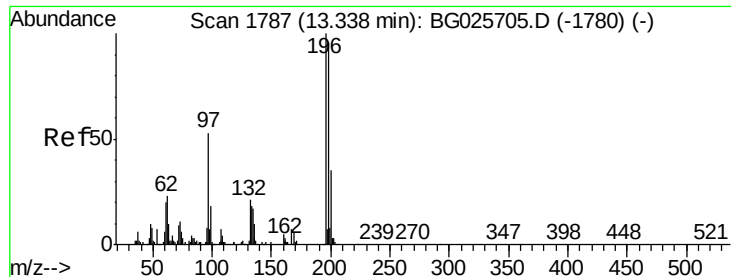
Tgt Ion:330 Resp: 455597
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 40.5 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 39.29 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

Tgt Ion:196 Resp: 196151
 Ion Ratio Lower Upper
 196 100
 198 92.3 81.4 122.2
 200 29.4 27.0 40.6

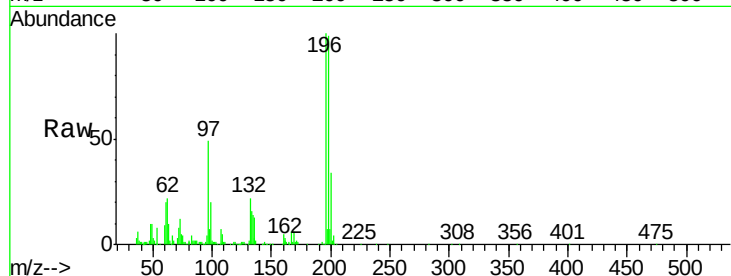




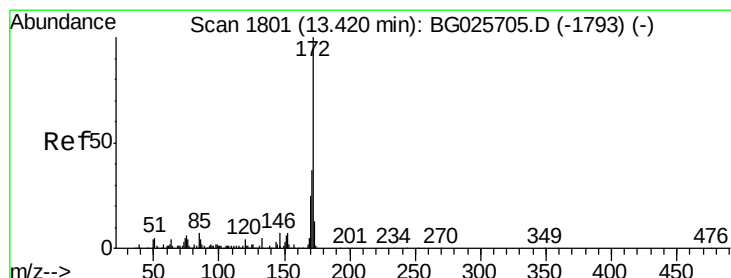
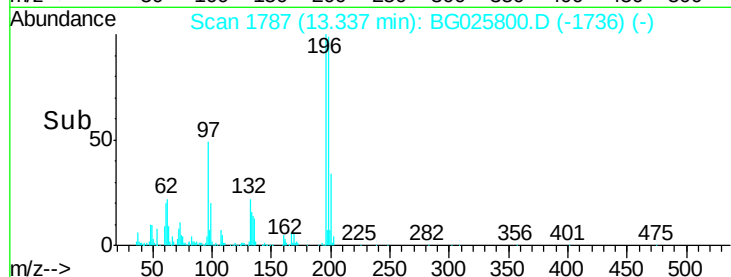
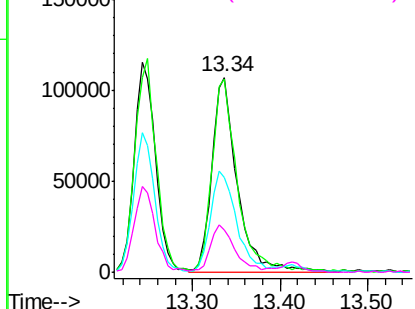
#43
 2,4,5-Trichlorophenol
 Concen: 39.55 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	79.9	119.9
97	48.9	45.4	68.0
132	21.6	20.7	31.1

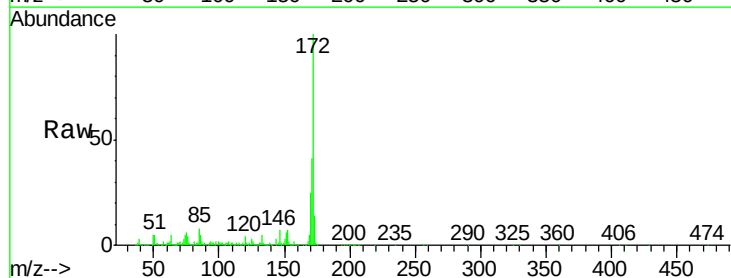


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

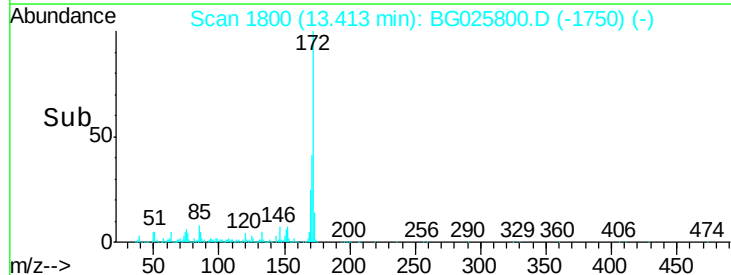
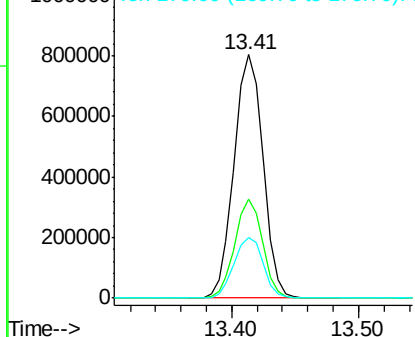


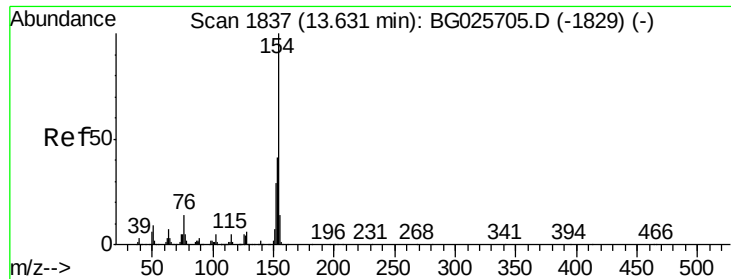
#44
 2-Fluorobiphenyl
 Concen: 80.95 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.9	32.2	48.2
170	25.1	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: 40.12 ng

RT: 13.63 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

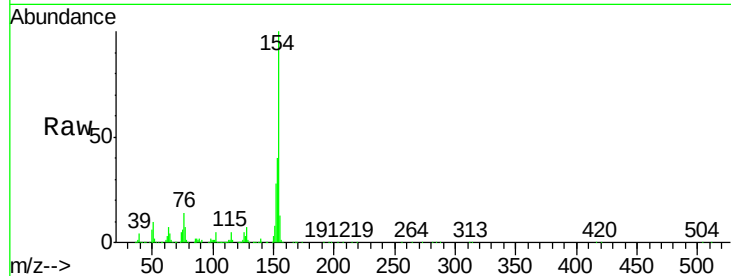
Tgt Ion:154 Resp: 710818

Ion Ratio Lower Upper

154 100

153 40.5 23.0 63.0

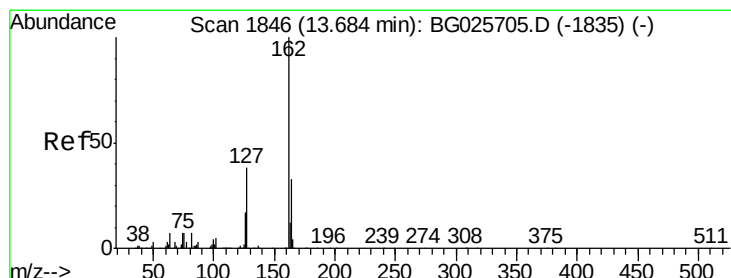
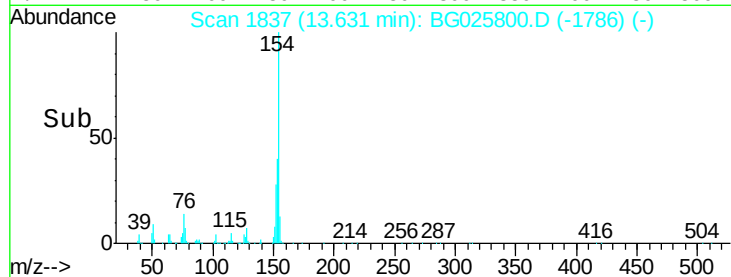
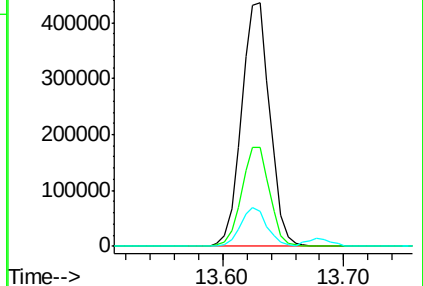
76 14.2 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 38.95 ng

RT: 13.68 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

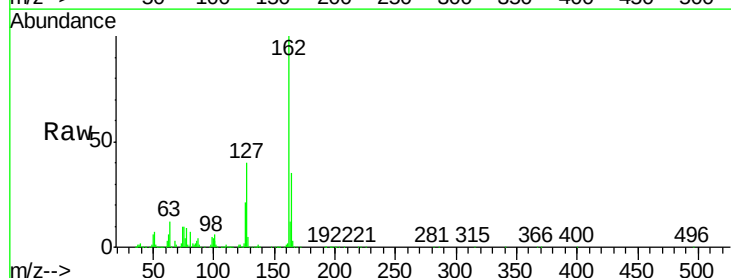
Tgt Ion:162 Resp: 541968

Ion Ratio Lower Upper

162 100

127 39.5 32.2 48.4

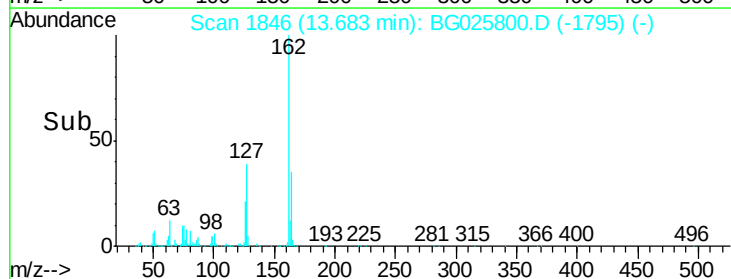
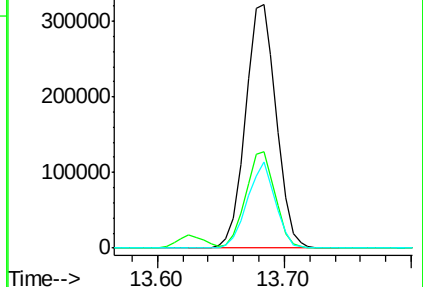
164 35.4 27.3 40.9

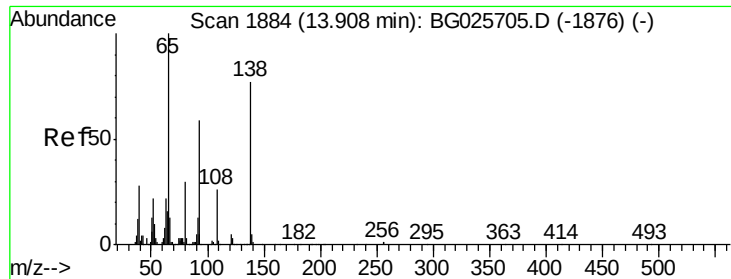


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

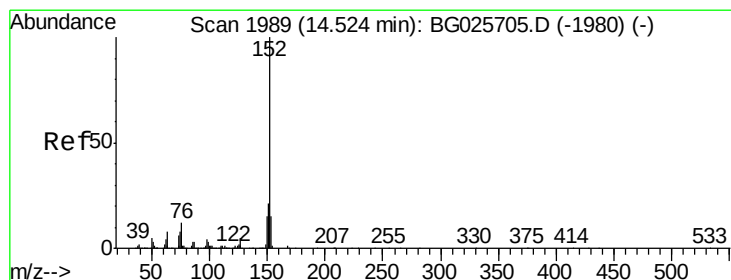
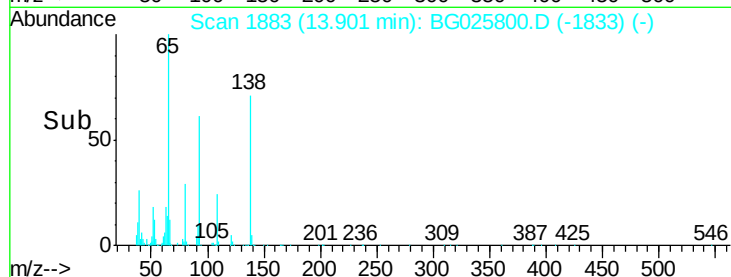
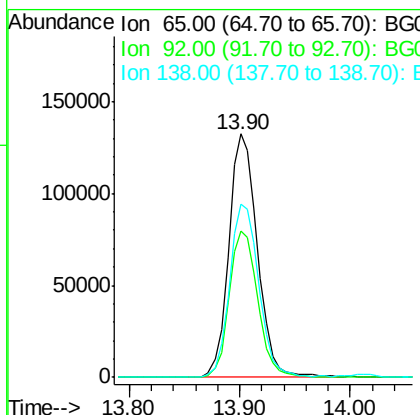
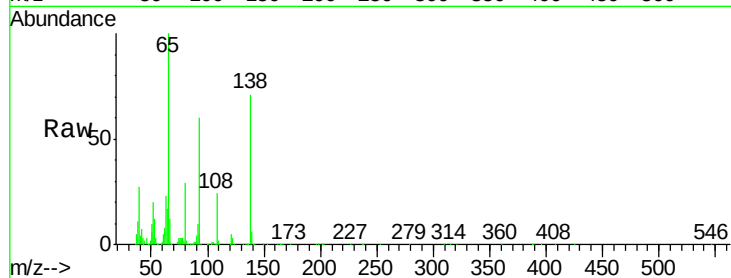




#47
2-Nitroaniline
Concen: 40.10 ng
RT: 13.90 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

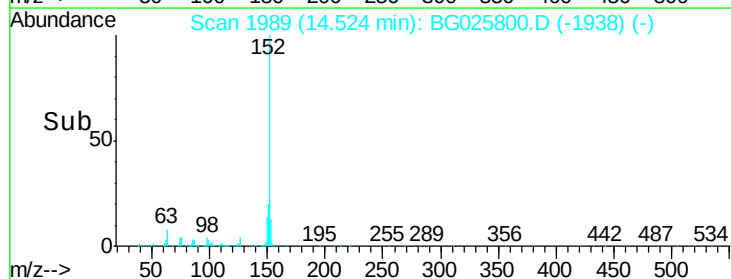
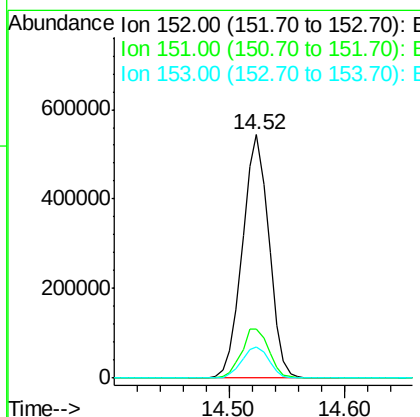
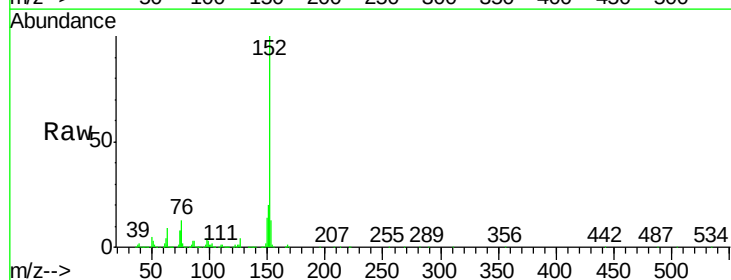
Instrument :
BNA_G
ClientSampleId :
PB96126BS

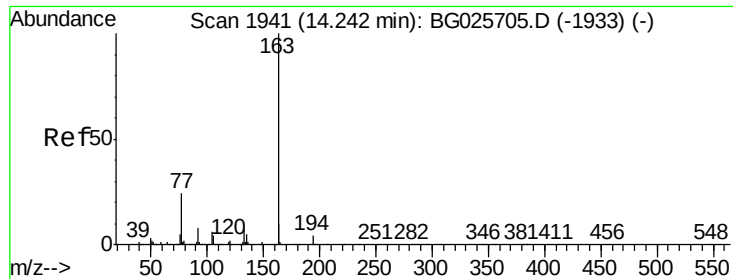
Tgt Ion: 65 Resp: 240113
Ion Ratio Lower Upper
65 100
92 60.3 49.0 73.4
138 71.1 58.6 87.8



#48
Acenaphthylene
Concen: 37.44 ng
RT: 14.52 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion: 152 Resp: 866643
Ion Ratio Lower Upper
152 100
151 19.9 18.2 27.2
153 13.1 11.3 16.9

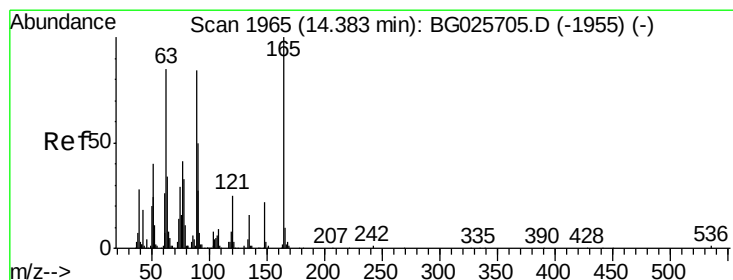
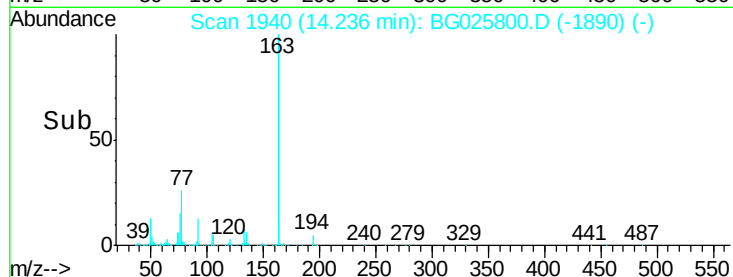
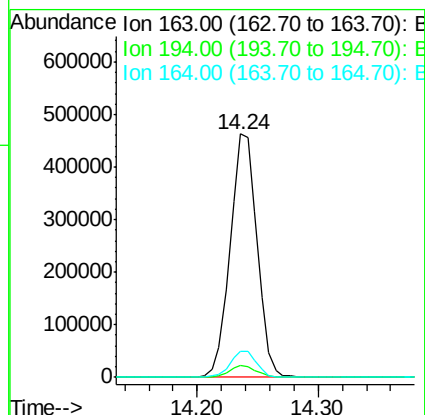
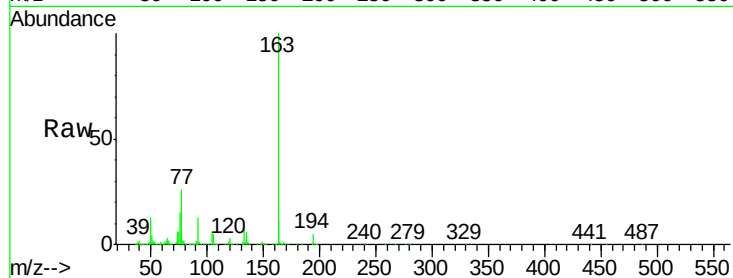




#49
Dimethylphthalate
Concen: 37.40 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

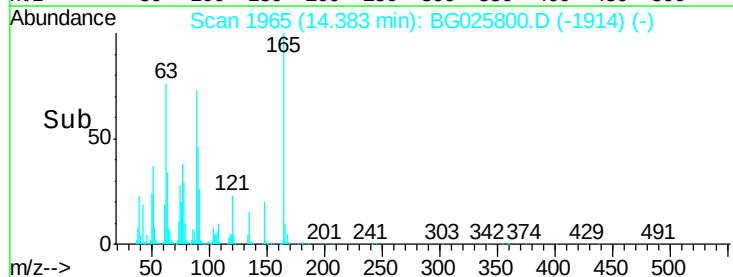
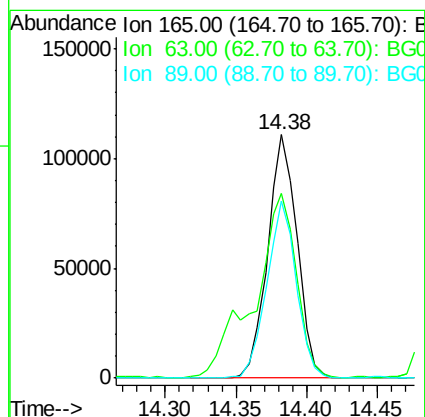
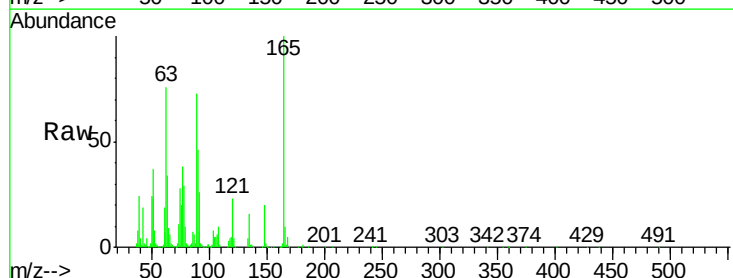
Instrument :
BNA_G
ClientSampleId :
PB96126BS

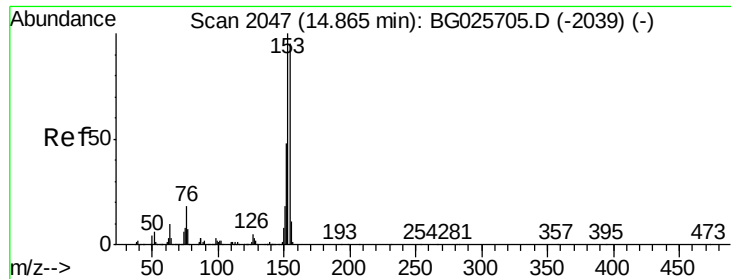
Tgt Ion:163 Resp: 717254
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 10.9 9.3 13.9



#50
2,6-Dinitrotoluene
Concen: 37.35 ng
RT: 14.38 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion:165 Resp: 162192
Ion Ratio Lower Upper
165 100
63 75.7 63.9 95.9
89 72.9 58.6 88.0





#51

Acenaphthene

Concen: 38.21 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

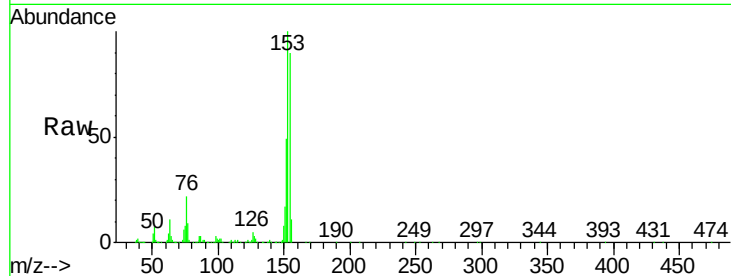
Tgt Ion:154 Resp: 546448

Ion Ratio Lower Upper

154 100

153 111.5 87.8 131.6

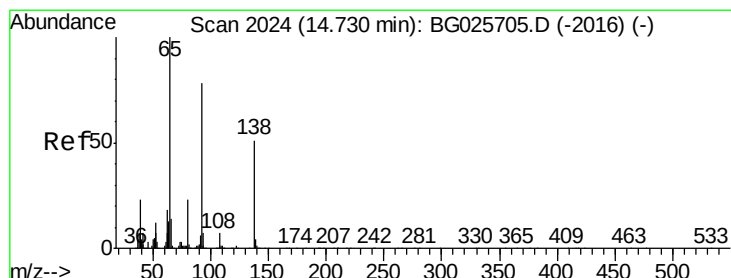
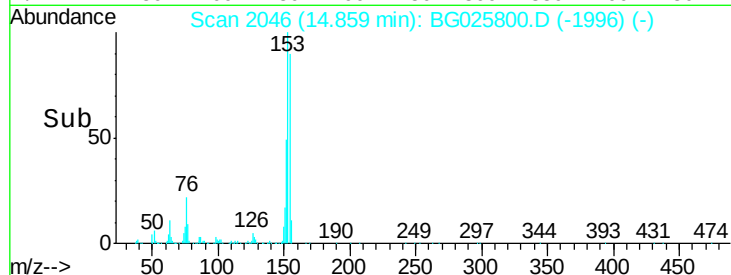
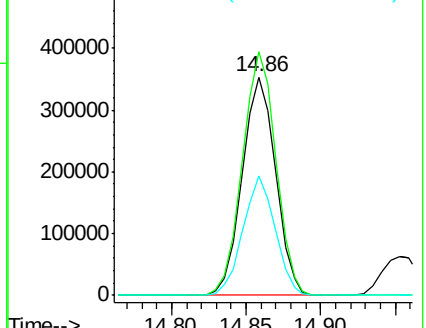
152 54.8 42.2 63.4



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: 18.90 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

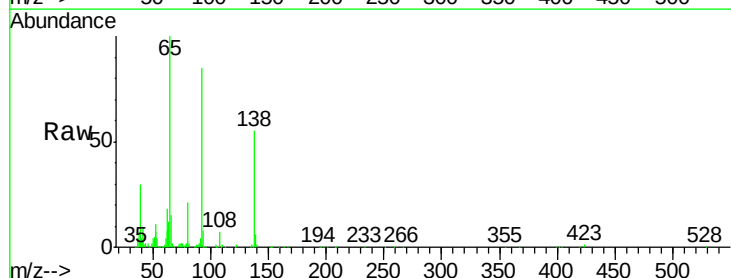
Tgt Ion:138 Resp: 77396

Ion Ratio Lower Upper

138 100

108 12.5 10.9 16.3

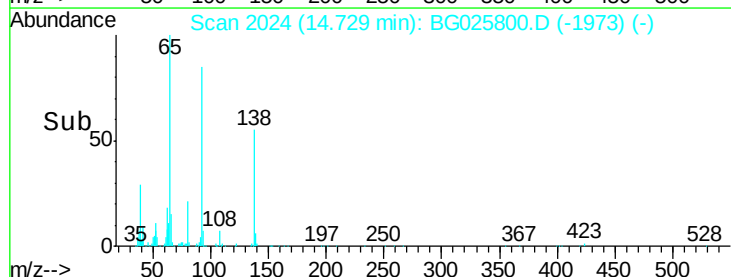
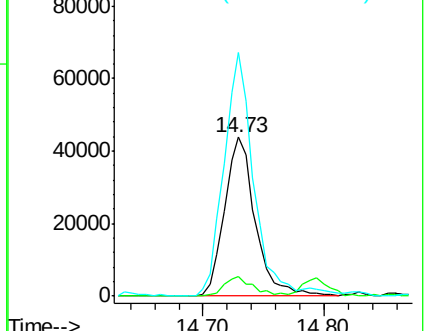
92 153.1 115.3 172.9

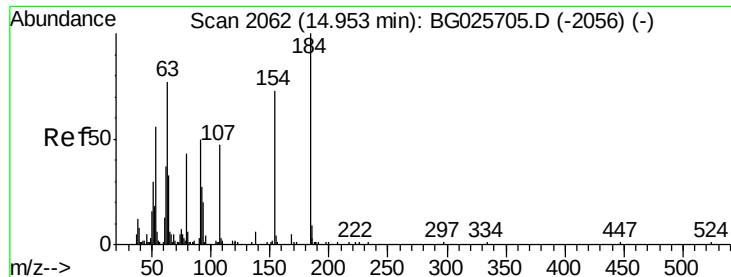


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

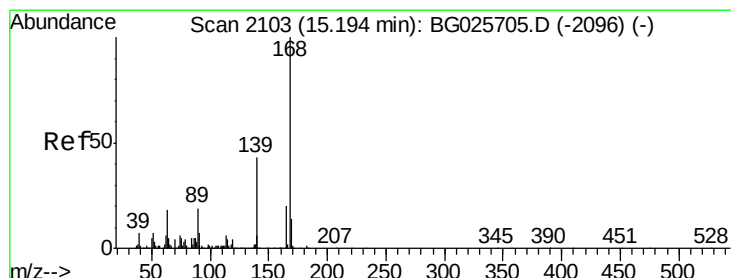
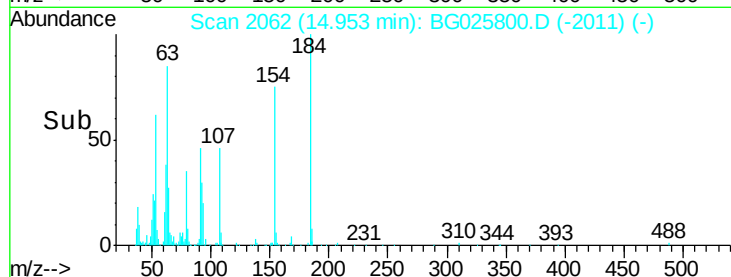
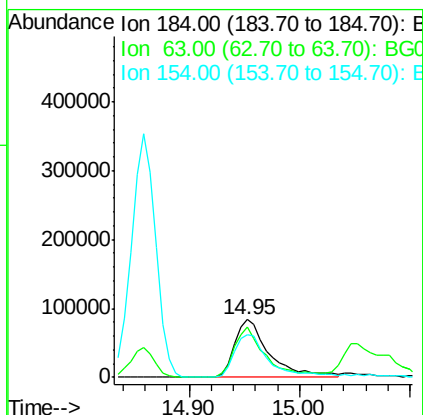
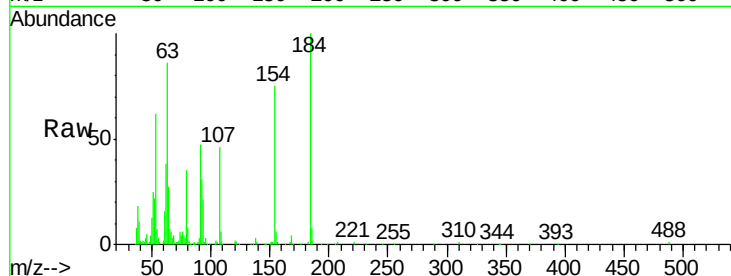




#53
2,4-Dinitrophenol
Concen: 72.13 ng
RT: 14.95 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

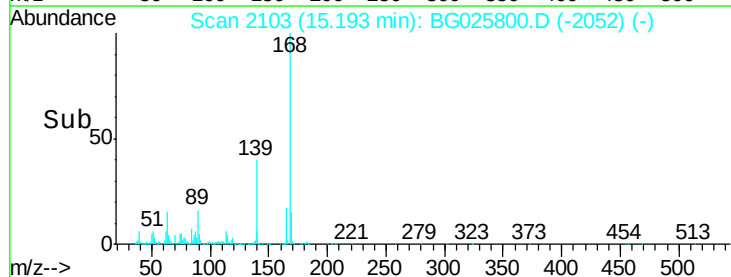
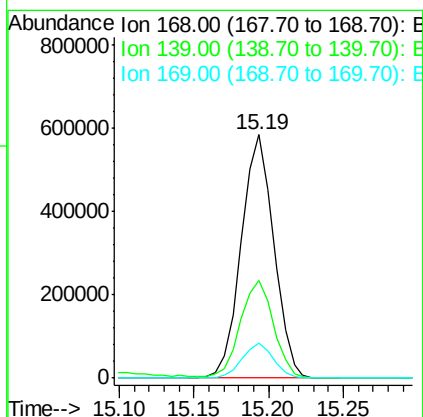
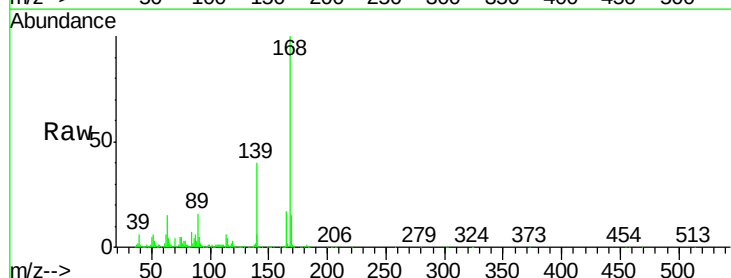
Instrument :
BNA_G
ClientSampleId :
PB96126BS

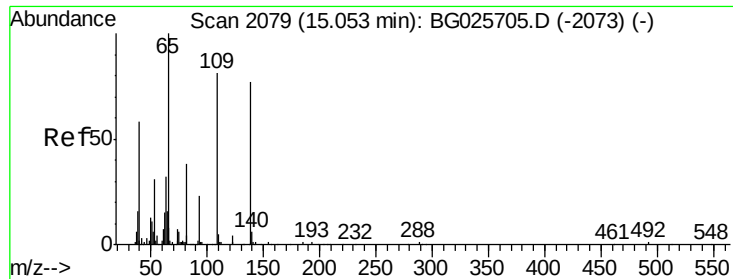
Tgt Ion:184 Resp: 184680
Ion Ratio Lower Upper
184 100
63 85.9 52.7 79.1#
154 74.6 57.3 85.9



#54
Dibenzofuran
Concen: 40.91 ng
RT: 15.19 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion:168 Resp: 884074
Ion Ratio Lower Upper
168 100
139 40.2 35.3 52.9
169 14.5 11.5 17.3

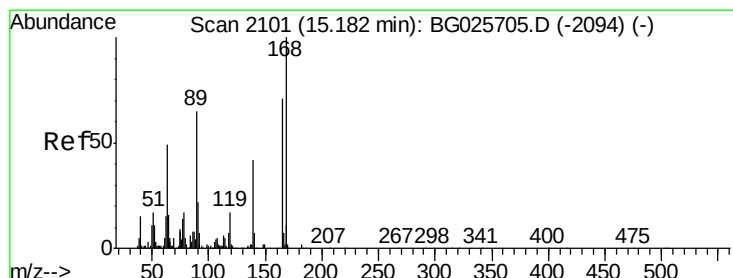
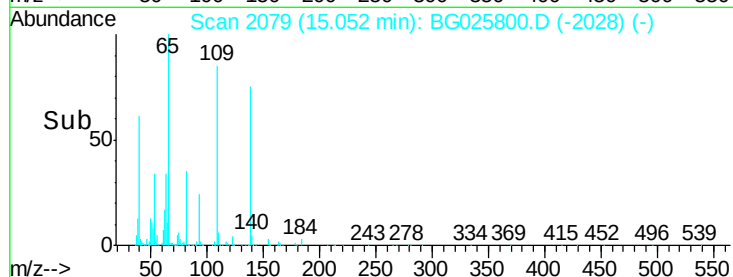
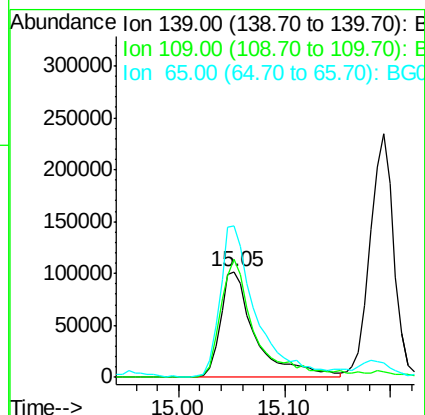
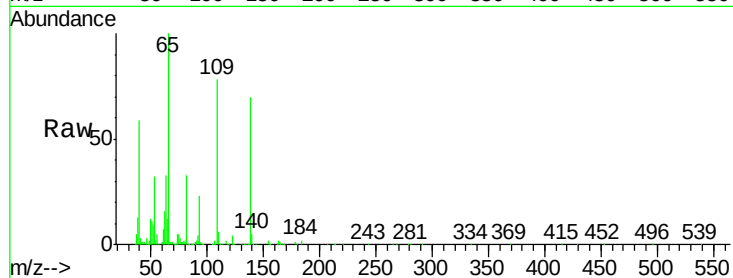




#55
4-Nitrophenol
Concen: 74.49 ng
RT: 15.05 min Scan# 2079
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

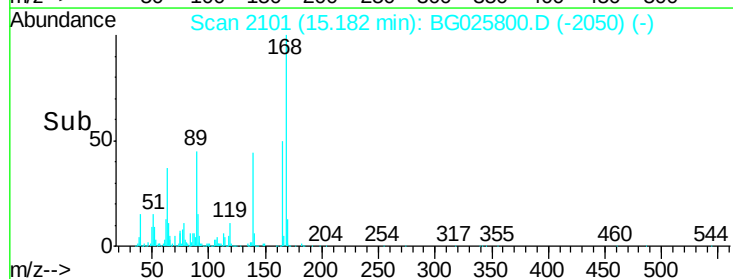
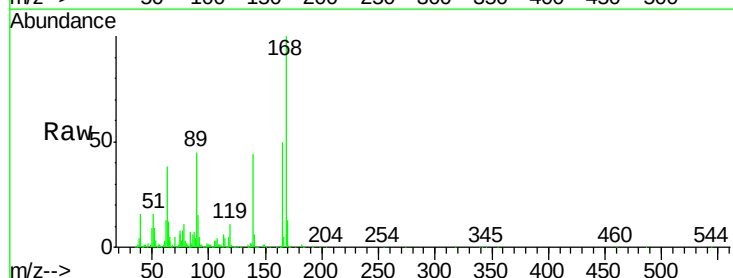
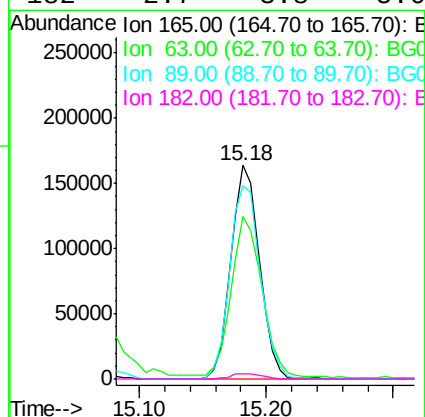
Instrument :
BNA_G
ClientSampleId :
PB96126BS

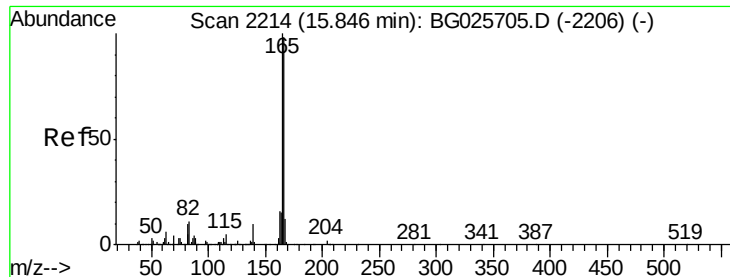
Tgt Ion	Ratio	Lower	Upper
139	100		
109	112.1	101.2	141.2
65	143.1	135.3	175.3



#56
2,4-Dinitrotoluene
Concen: 40.04 ng
RT: 15.18 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	76.1	44.0	66.0#
89	90.7	67.3	100.9
182	2.7	3.8	5.6#





#57

Fluorene

Concen: 37.61 ng

RT: 15.84 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

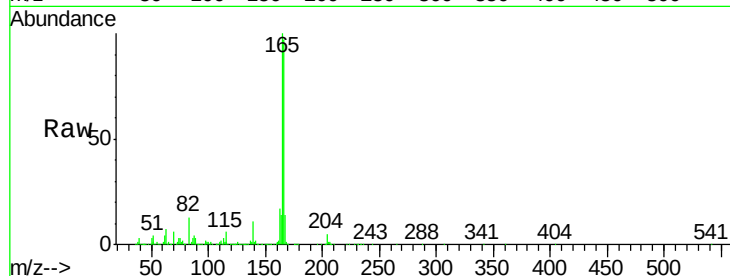
Tgt Ion:166 Resp: 722067

Ion Ratio Lower Upper

166 100

165 103.0 78.6 117.8

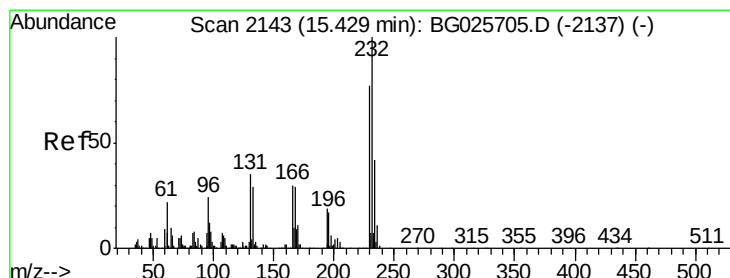
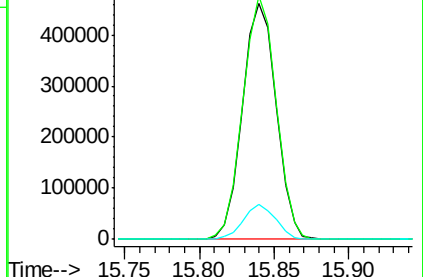
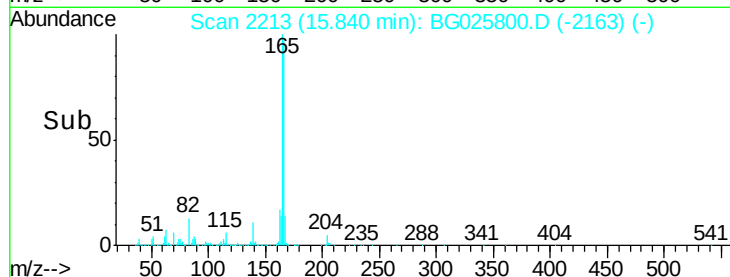
167 14.8 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.54 ng

RT: 15.43 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Tgt Ion:232 Resp: 224337

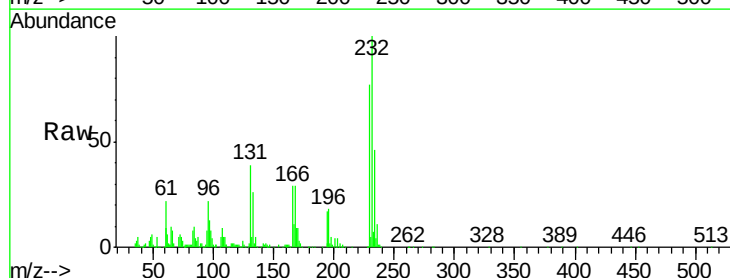
Ion Ratio Lower Upper

232 100

131 40.8 34.9 52.3

130 3.1 2.3 3.5

166 27.7 24.2 36.4

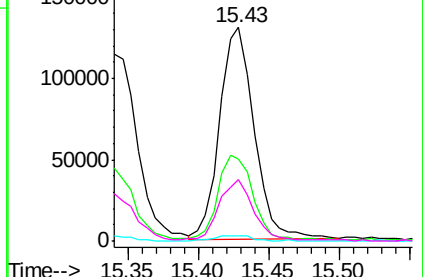
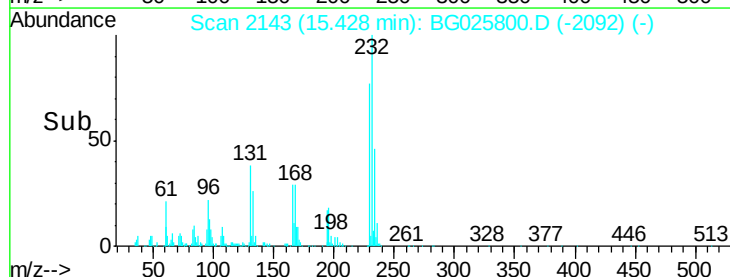


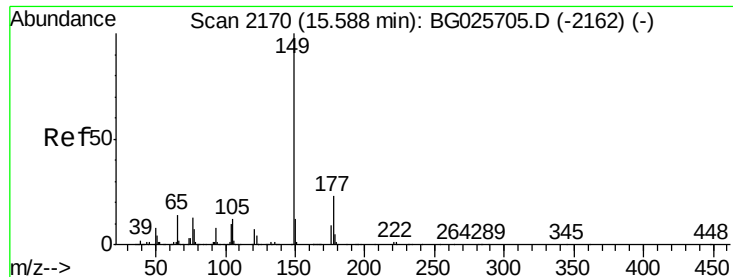
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

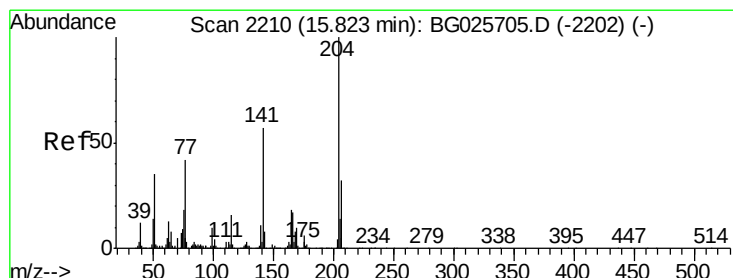
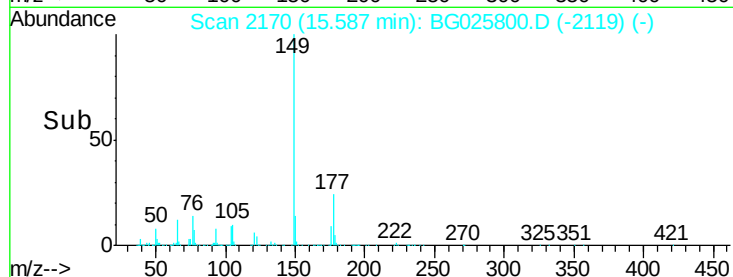
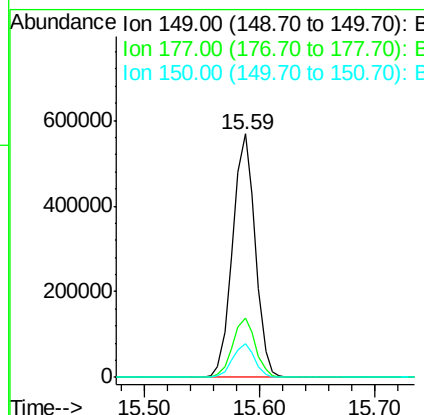
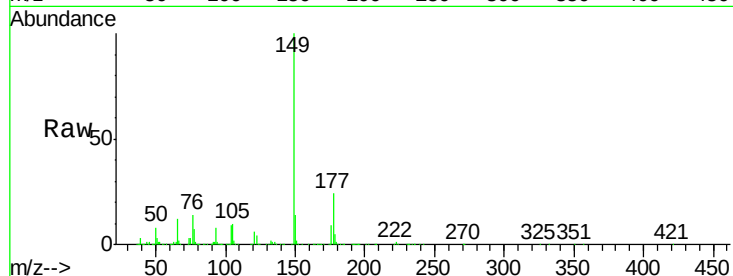




#59
Diethylphthalate
Concen: 37.75 ng
RT: 15.59 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

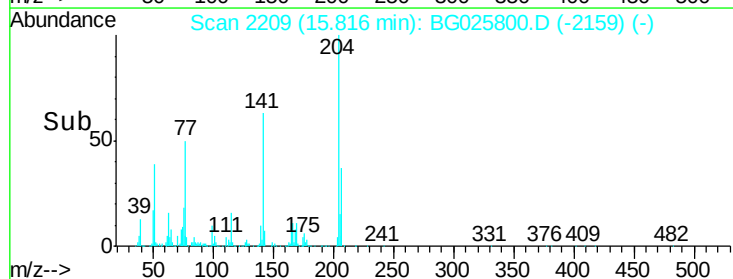
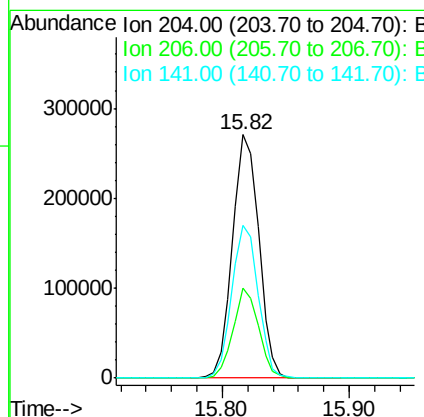
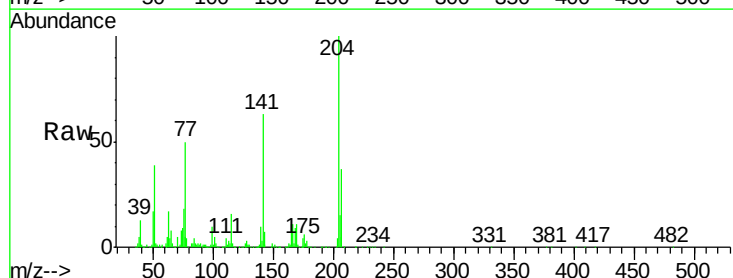
Instrument :
BNA_G
ClientSampleId :
PB96126BS

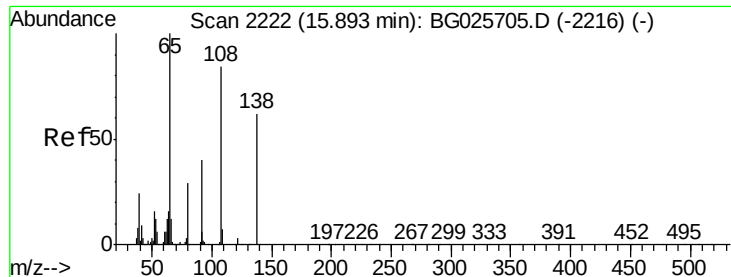
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	20.1	30.1
150	13.9	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 37.25 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	37.0	30.1	45.1
141	62.6	50.6	76.0

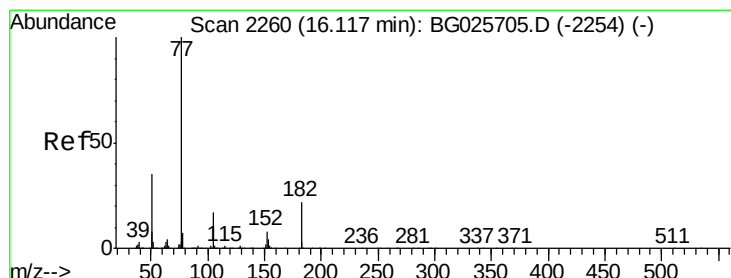
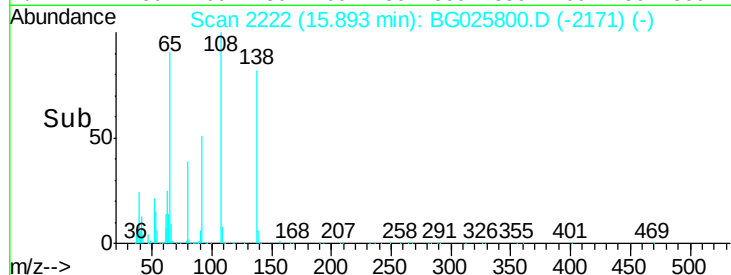
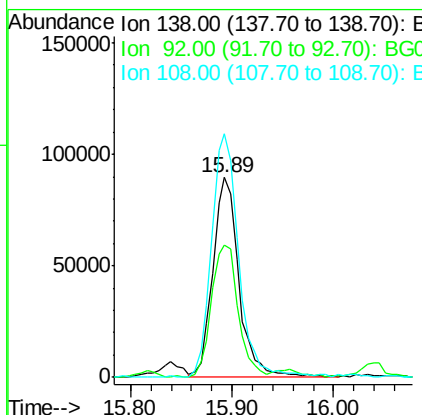
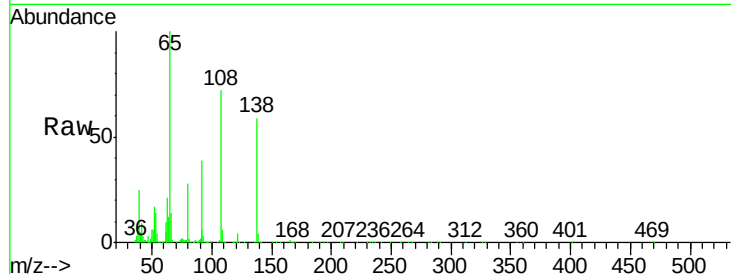




#61
4-Nitroaniline
Concen: 39.13 ng
RT: 15.89 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

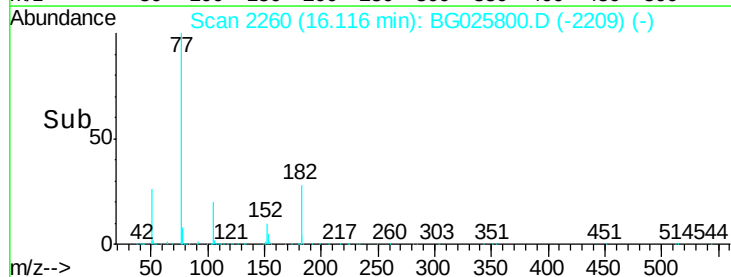
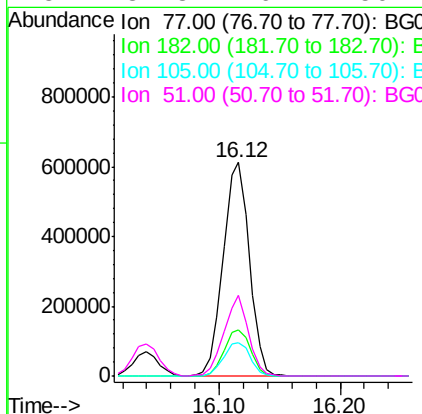
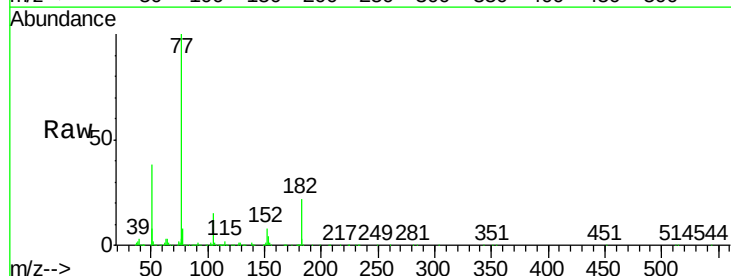
Instrument :
BNA_G
ClientSampleId :
PB96126BS

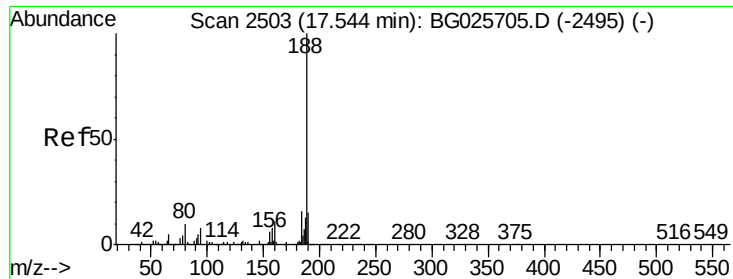
Tgt Ion: 138 Resp: 160913
Ion Ratio Lower Upper
138 100
92 66.0 44.2 84.2
108 121.8 104.8 144.8



#62
Azobenzene
Concen: 44.13 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion: 77 Resp: 912985
Ion Ratio Lower Upper
77 100
182 21.7 4.7 44.7
105 15.4 0.0 36.3
51 37.8 16.4 56.4

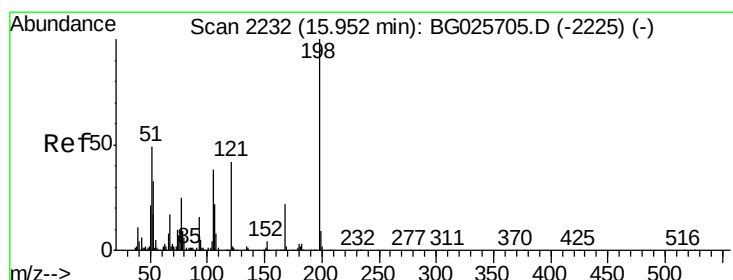
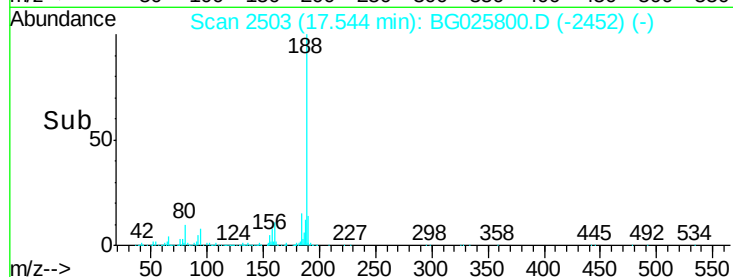
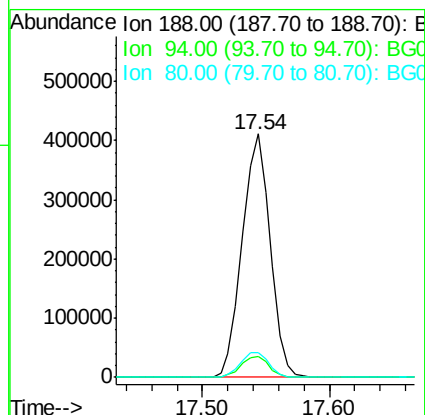
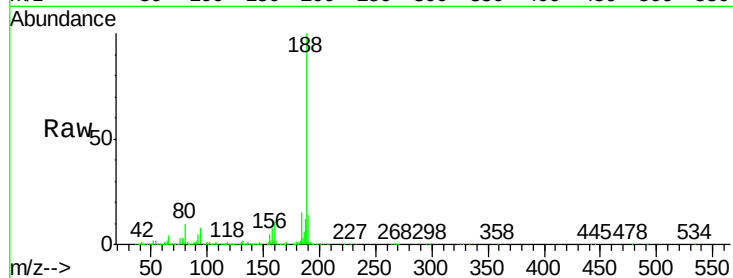




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

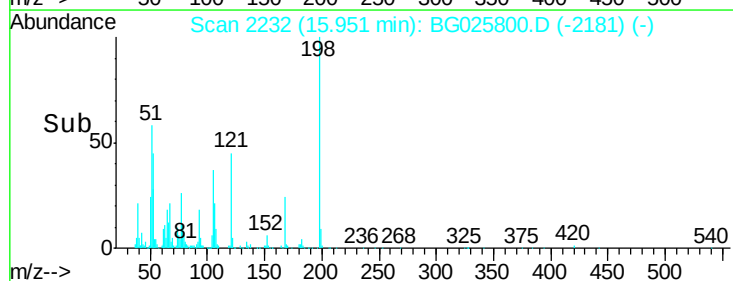
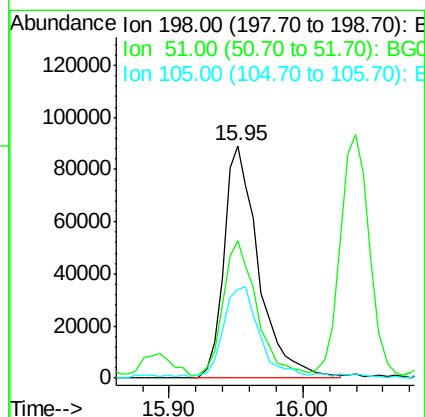
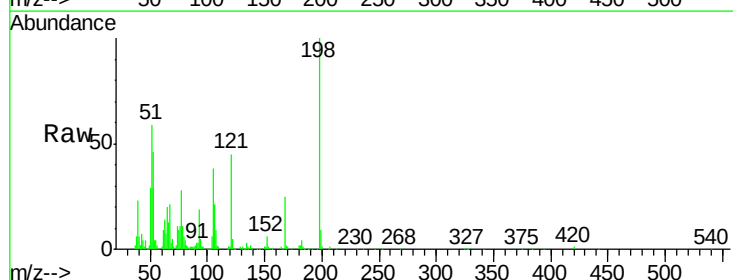
Instrument :
BNA_G
ClientSampleId :
PB96126BS

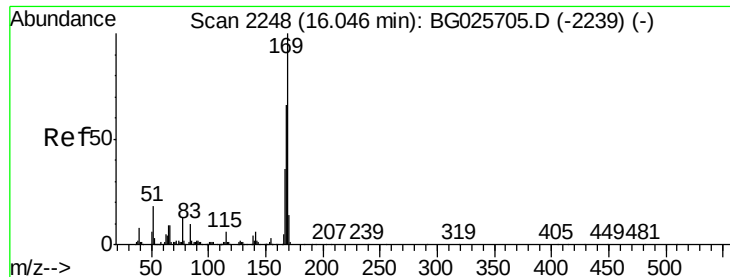
Tgt Ion:188 Resp: 628508
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.8
80 10.1 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 36.23 ng
RT: 15.95 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion:198 Resp: 161834
Ion Ratio Lower Upper
198 100
51 59.0 22.6 62.6
105 38.4 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 38.25 ng

RT: 16.04 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

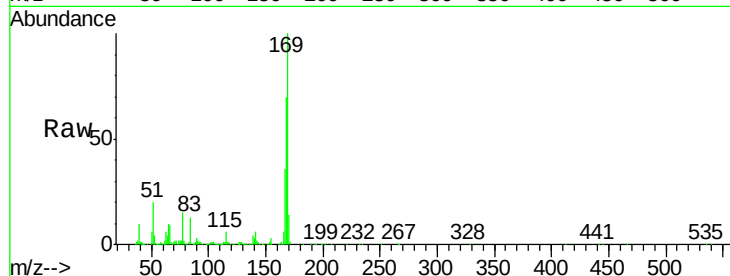
Tgt Ion:169 Resp: 690072

Ion Ratio Lower Upper

169 100

168 69.6 55.7 83.5

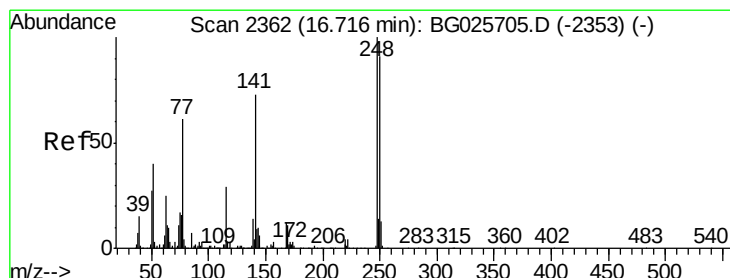
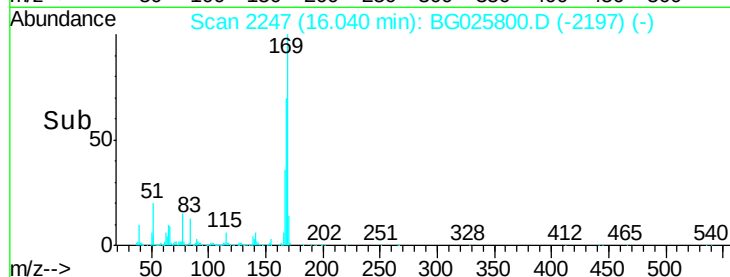
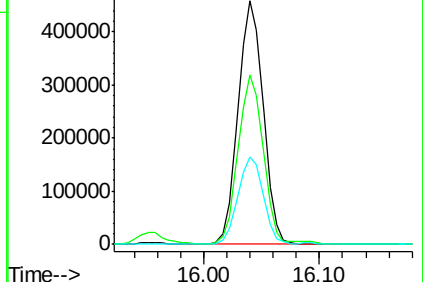
167 35.7 29.8 44.6



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: 36.43 ng

RT: 16.72 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

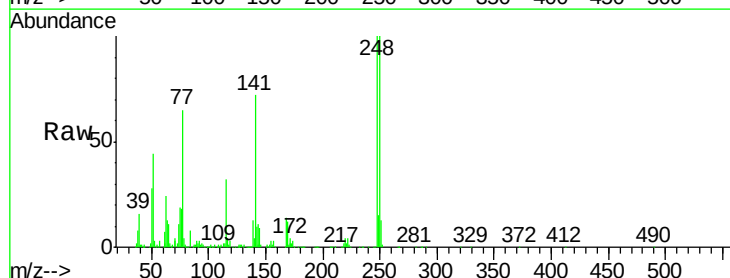
Tgt Ion:248 Resp: 278490

Ion Ratio Lower Upper

248 100

250 99.8 75.0 112.6

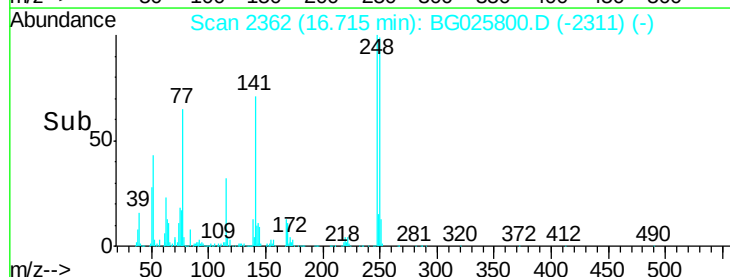
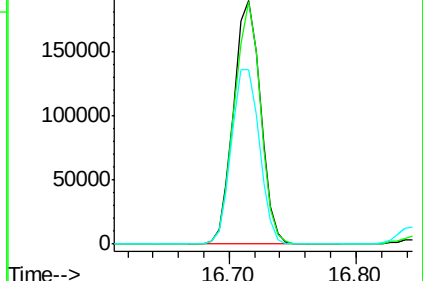
141 71.5 55.2 82.8

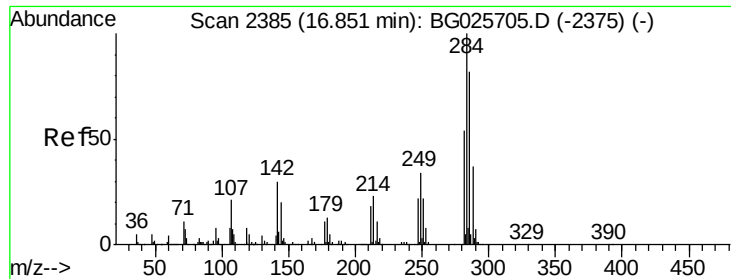


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

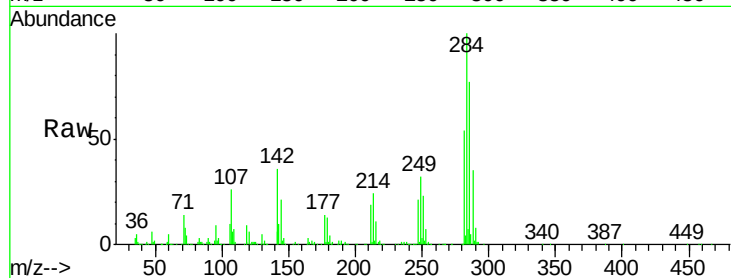




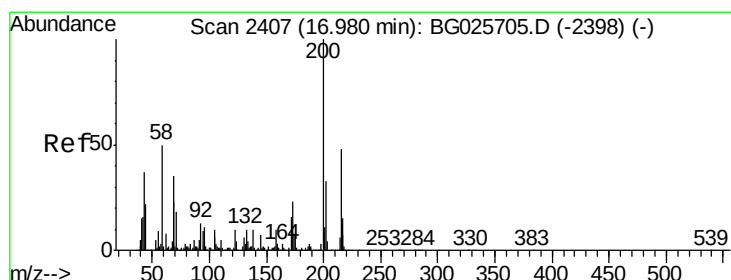
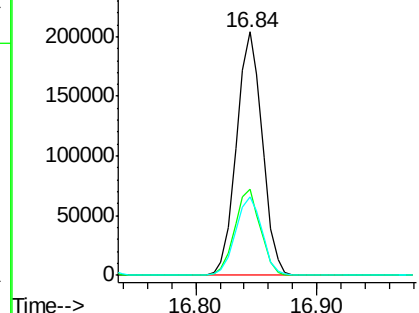
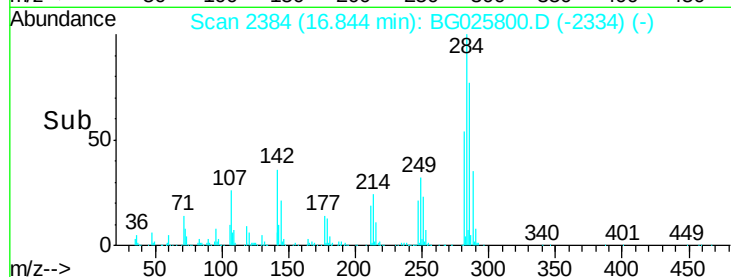
#67
Hexachlorobenzene
Concen: 35.31 ng
RT: 16.84 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Instrument :
BNA_G
ClientSampleId :
PB96126BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	29.9	44.9
249	32.2	29.2	43.8

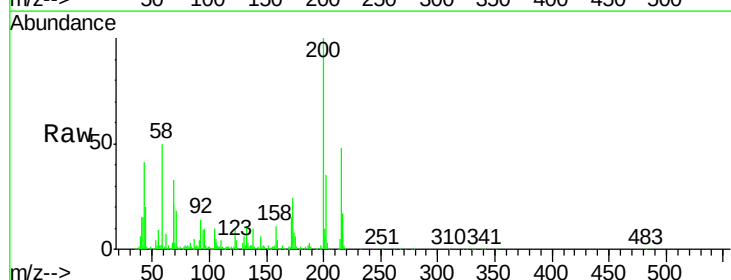


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

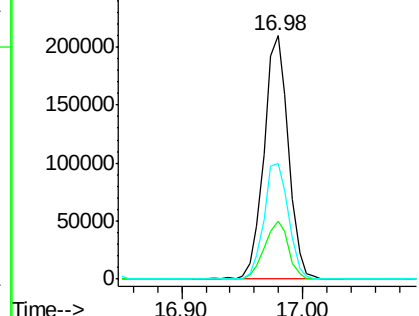
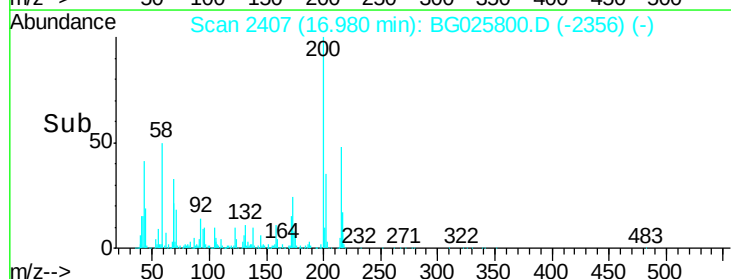


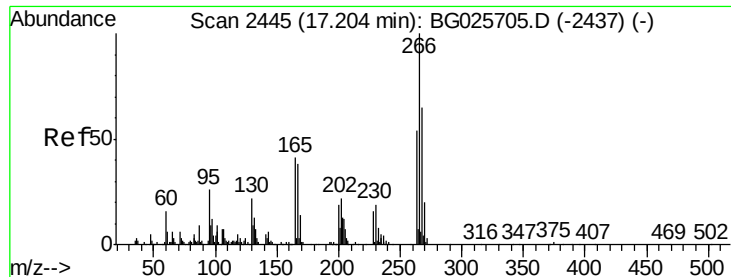
#68
Atrazine
Concen: 33.01 ng
RT: 16.98 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.0	3.0	43.0
215	47.6	28.4	68.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

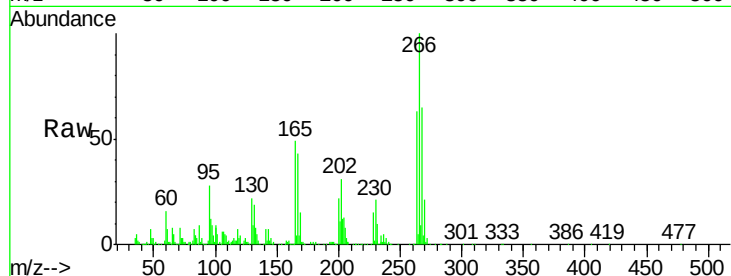




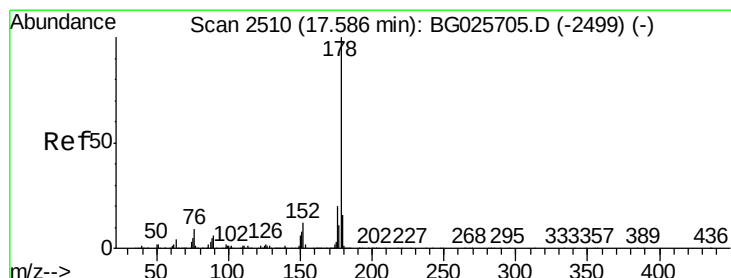
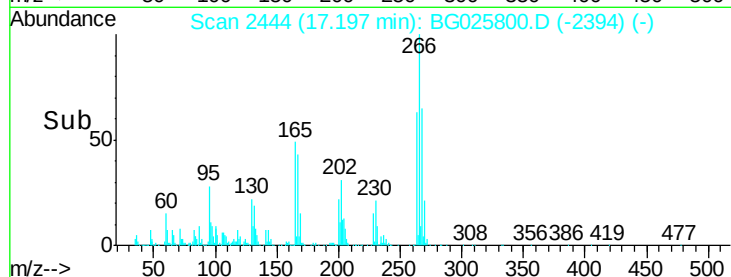
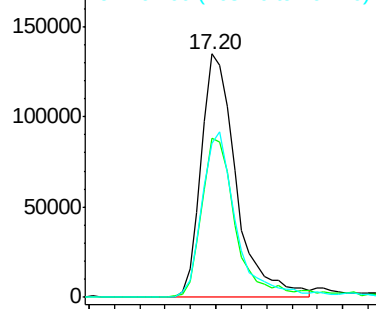
#69
 Pentachlorophenol
 Concen: 68.33 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BS

Tgt Ion:	266	Resp:	258085
Ion	Ratio	Lower	Upper
266	100		
268	65.5	48.6	72.8
264	63.1	50.1	75.1

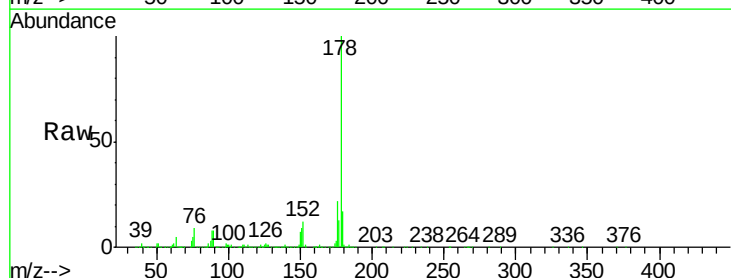


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

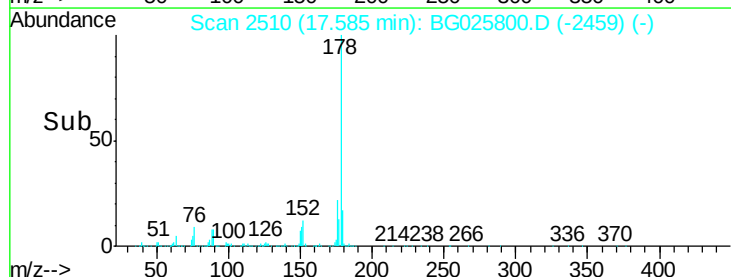
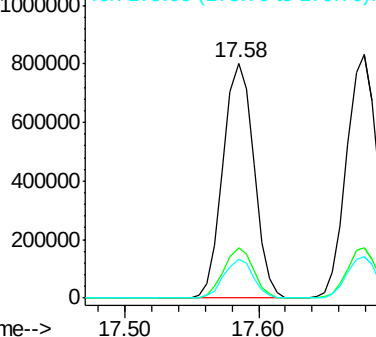


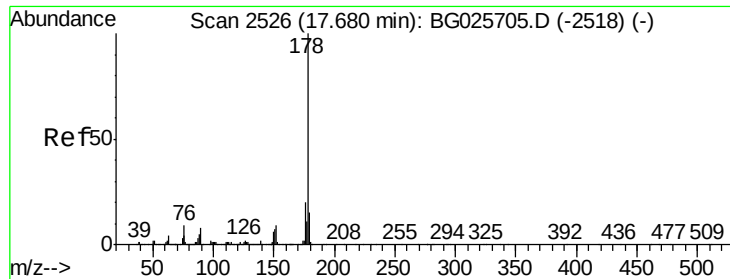
#70
 Phenanthrene
 Concen: 37.55 ng
 RT: 17.58 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

Tgt Ion:	178	Resp:	1282581
Ion	Ratio	Lower	Upper
178	100		
176	21.7	17.7	26.5
179	16.6	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

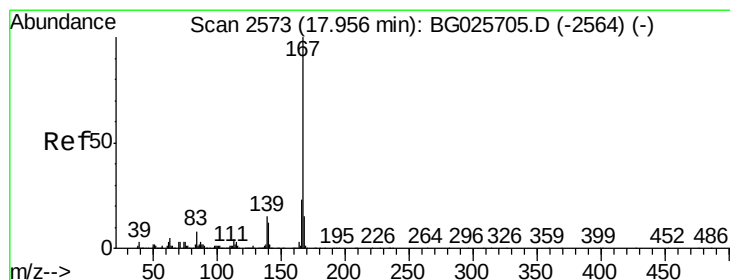
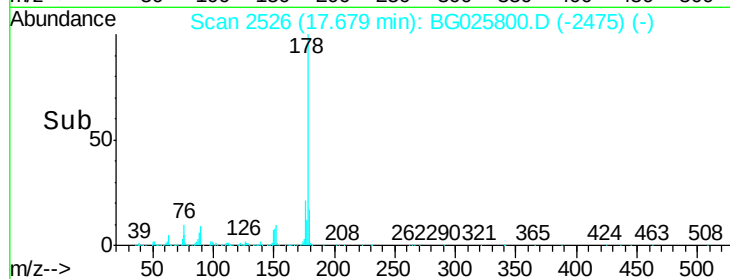
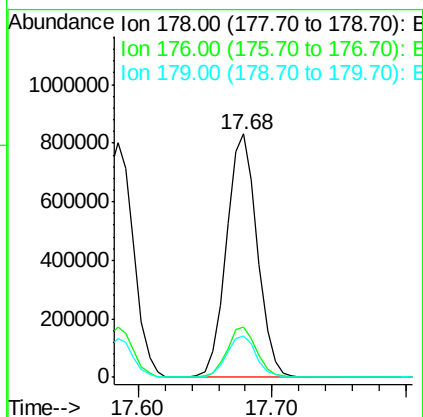
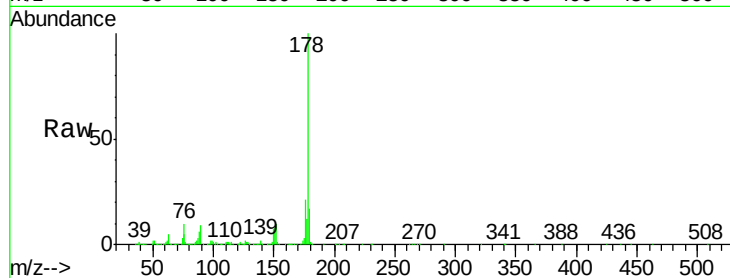




#71
 Anthracene
 Concen: 37.90 ng
 RT: 17.68 min Scan# 2526
 Delta R.T. -0.00 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

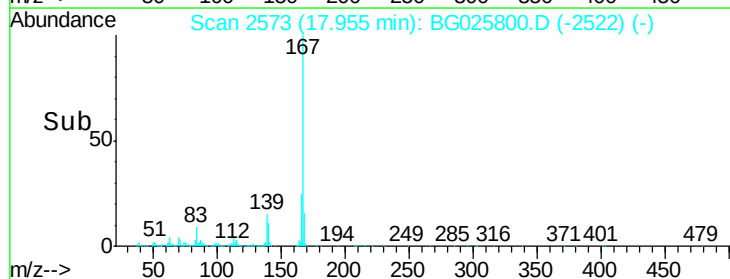
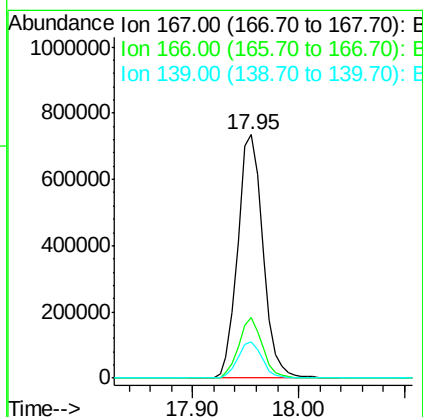
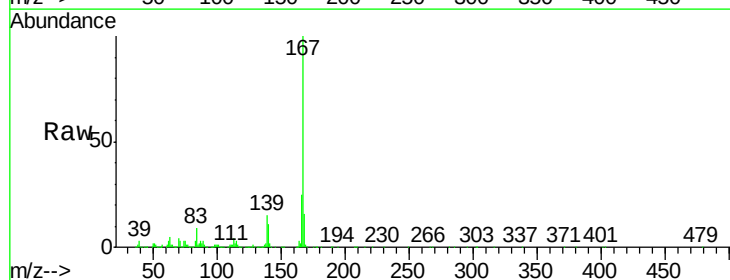
Instrument :
 BNA_G
 ClientSampled :
 PB96126BS

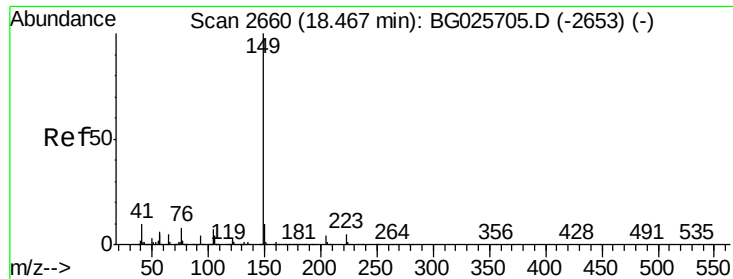
Tgt Ion:178 Resp: 1334836
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.4 24.6
 179 17.0 13.8 20.8



#72
 Carbazole
 Concen: 35.47 ng
 RT: 17.95 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

Tgt Ion:167 Resp: 1209864
 Ion Ratio Lower Upper
 167 100
 166 24.8 20.2 30.2
 139 14.7 12.8 19.2





#73

Di-n-butylphthalate

Concen: 37.04 ng

RT: 18.46 min Scan# 2659

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

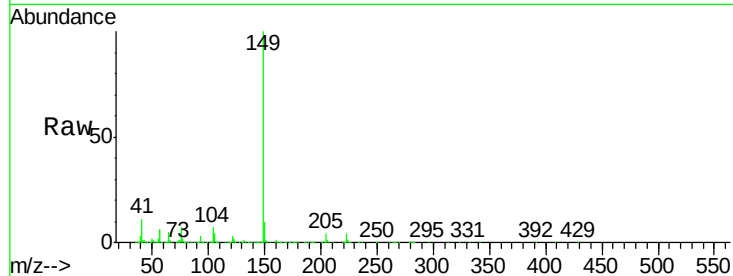
Tgt Ion:149 Resp: 1461839

Ion Ratio Lower Upper

149 100

150 10.2 9.1 13.7

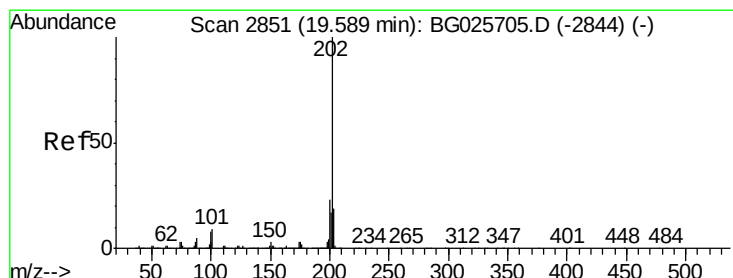
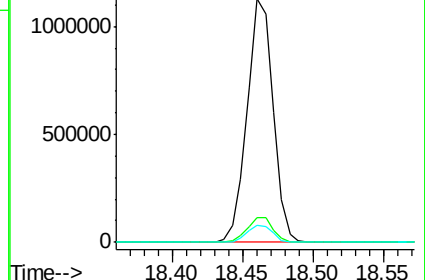
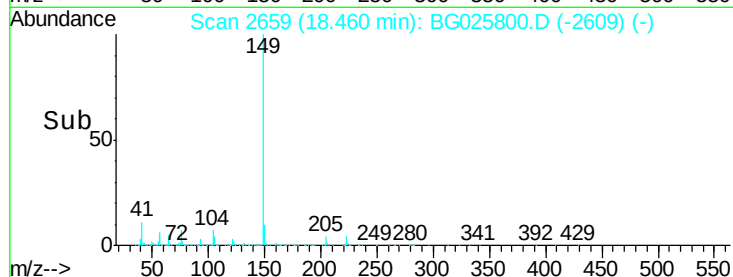
104 7.0 6.7 10.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.61 ng

RT: 19.59 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

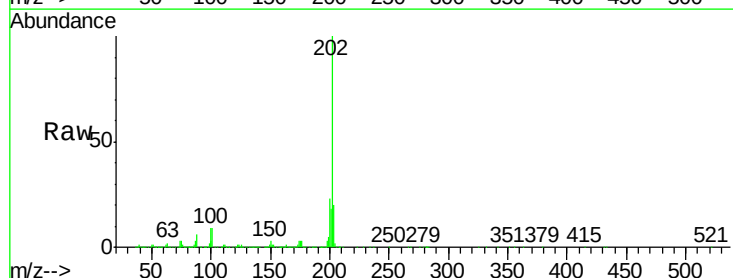
Tgt Ion:202 Resp: 1666700

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.1

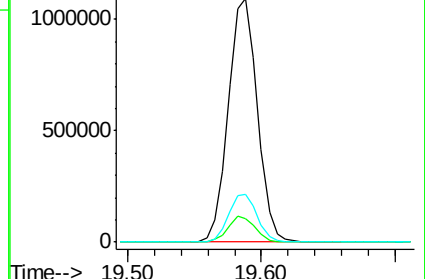
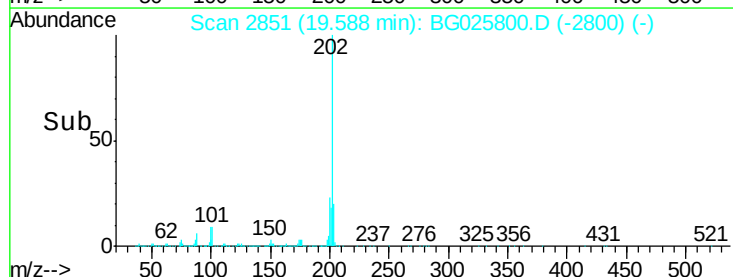
203 19.8 1.3 41.3

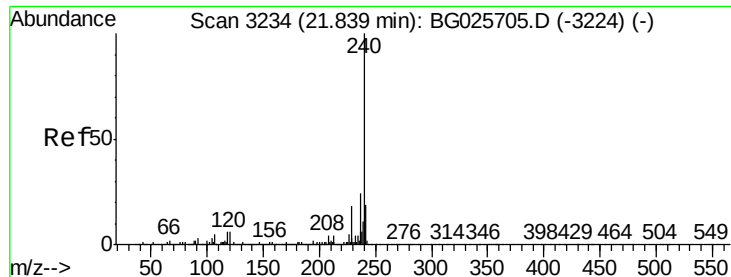


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

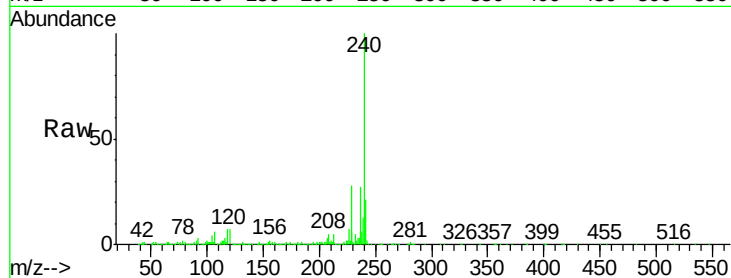
Tgt Ion:240 Resp: 791495

Ion Ratio Lower Upper

240 100

120 7.2 5.7 8.5

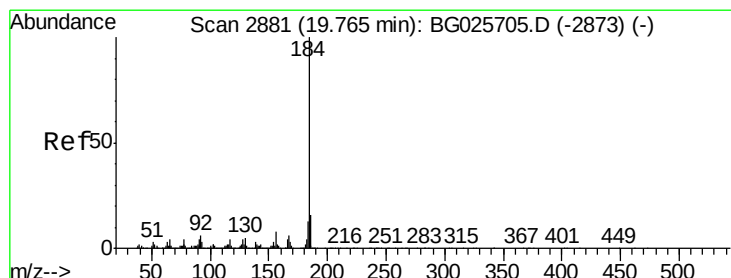
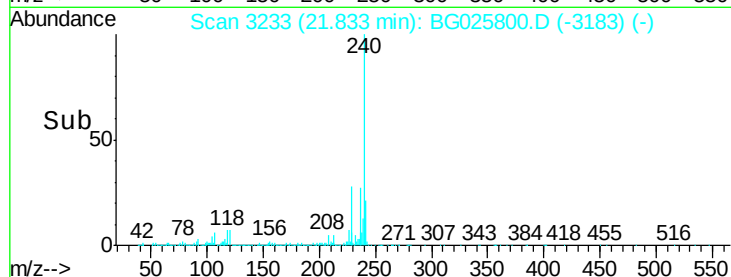
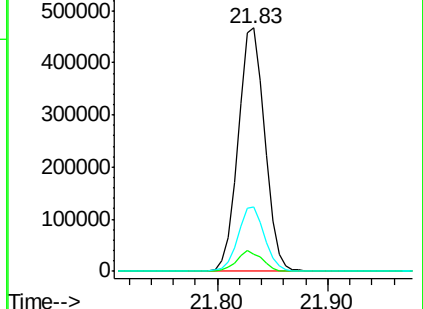
236 26.6 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.61 ng

RT: 19.76 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

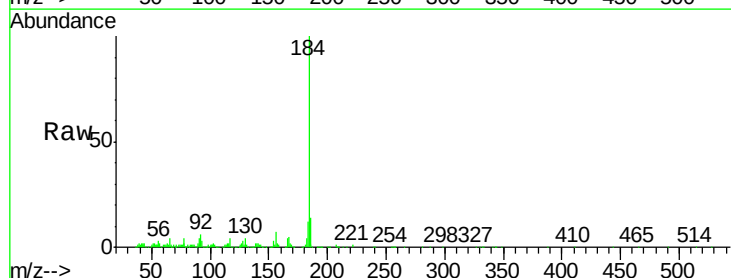
Tgt Ion:184 Resp: 315434

Ion Ratio Lower Upper

184 100

185 14.3 13.0 19.6

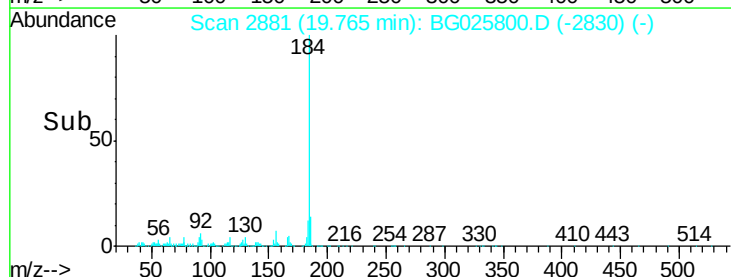
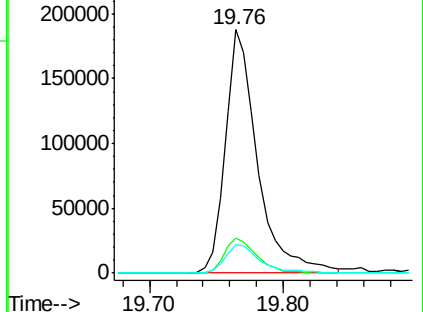
183 11.7 11.0 16.6

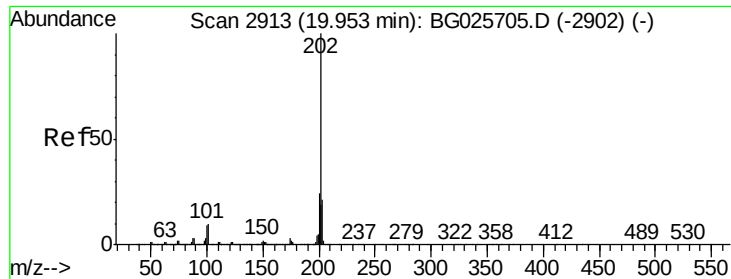


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.79 ng

RT: 19.95 min Scan# 2912

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

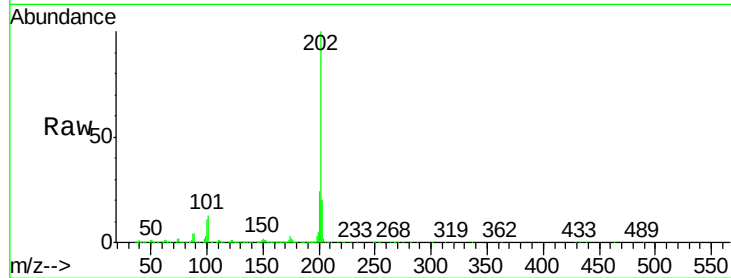
BNA_G

ClientSampleId :

PB96126BS

Tgt Ion:202 Resp: 1710241

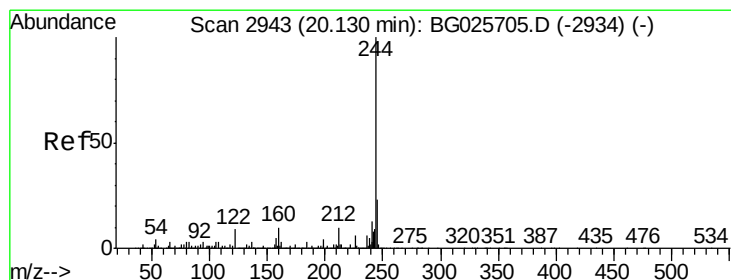
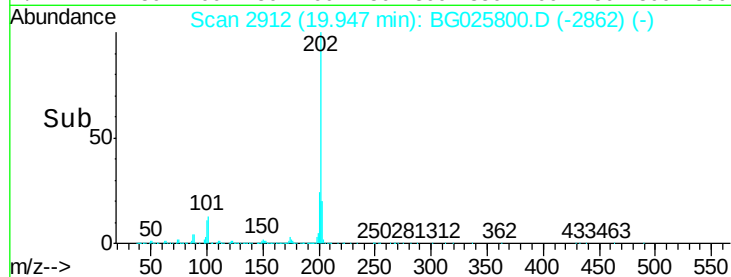
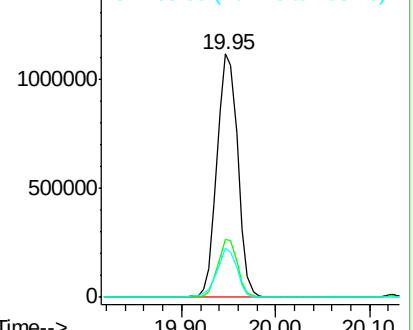
Ion	Ratio	Lower	Upper
202	100		
200	23.8	19.6	29.4
203	20.0	15.8	23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.59 ng

RT: 20.12 min Scan# 2942

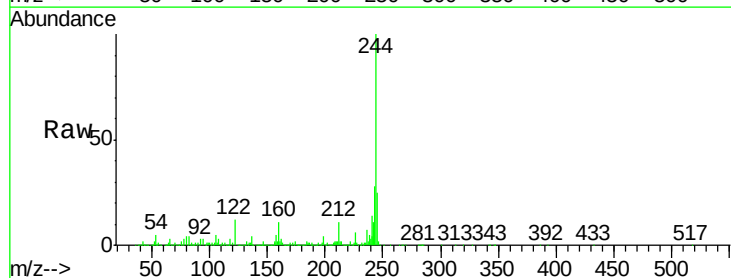
Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Tgt Ion:244 Resp: 2380232

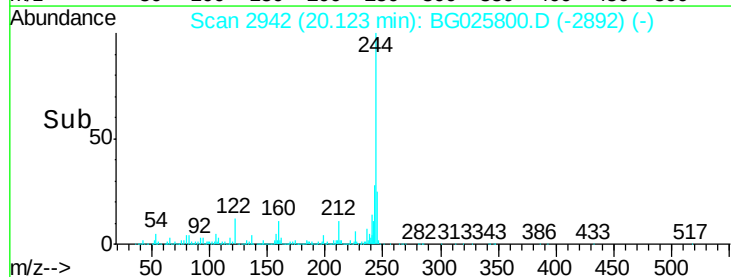
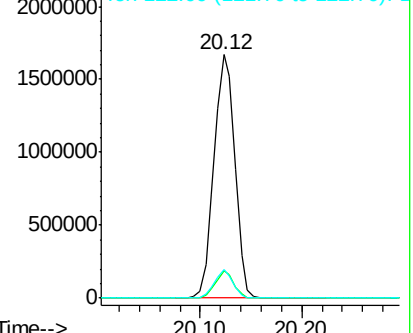
Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.0	15.0
122	11.9	8.6	12.8

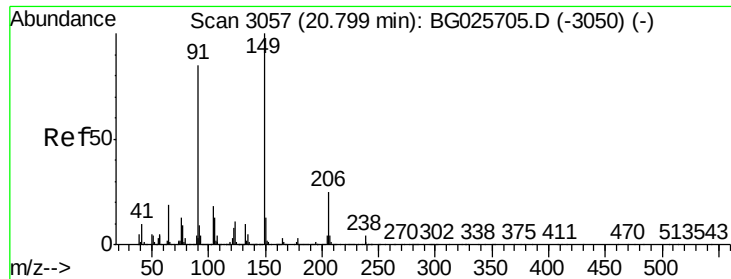


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

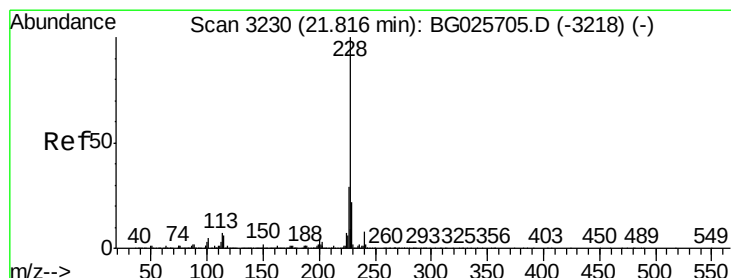
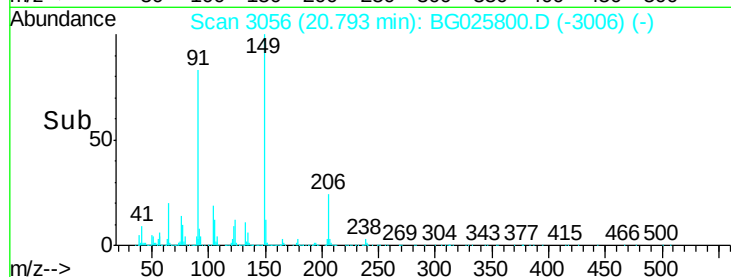
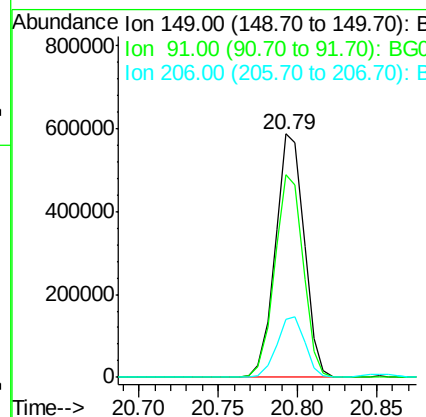
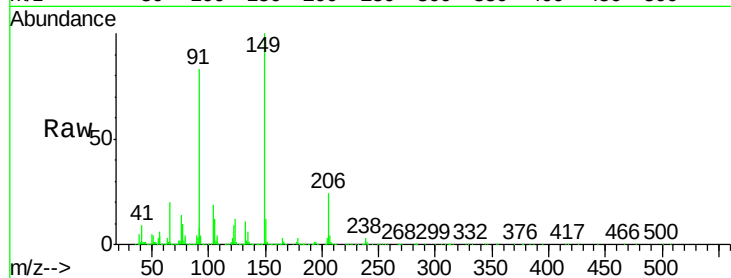




#79
Butylbenzylphthalate
Concen: 40.58 ng
RT: 20.79 min Scan# 3056
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

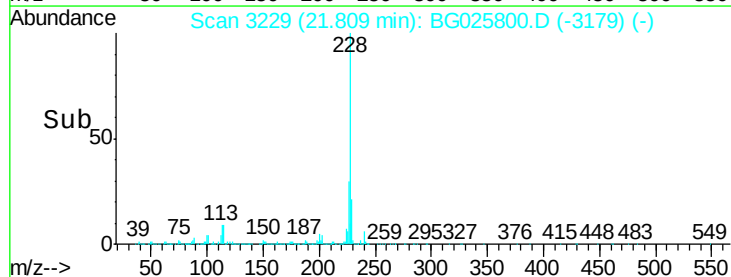
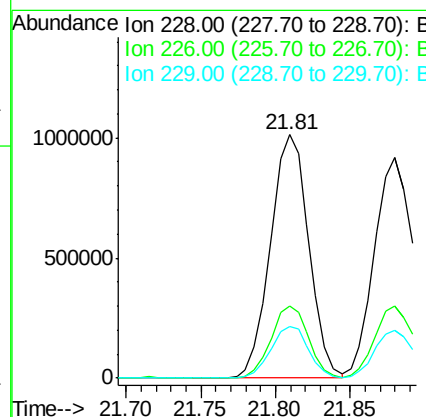
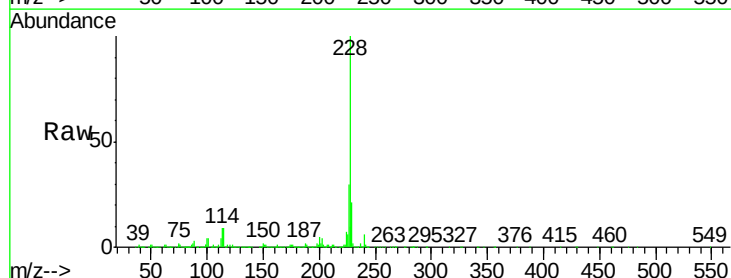
Instrument :
BNA_G
ClientSampleId :
PB96126BS

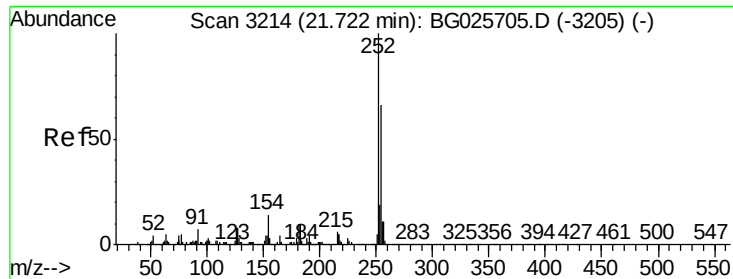
Tgt Ion	Ratio	Lower	Upper
149	100		
91	83.0	63.5	95.3
206	23.8	21.0	31.6



#80
Benzo(a)anthracene
Concen: 38.52 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	21.4	18.2	27.2

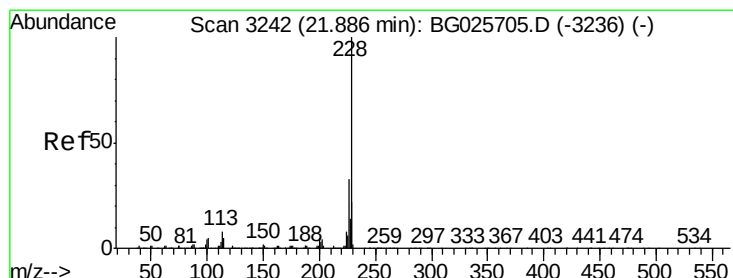
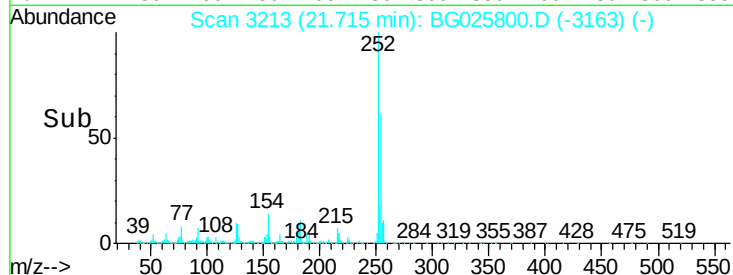
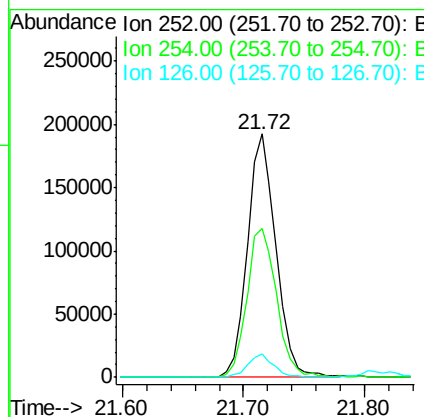
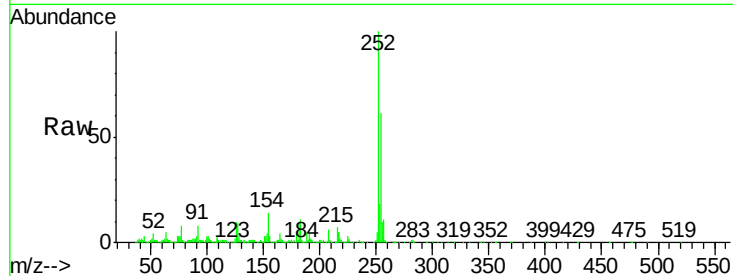




#81
 3,3'-Dichlorobenzidine
 Concen: 17.22 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

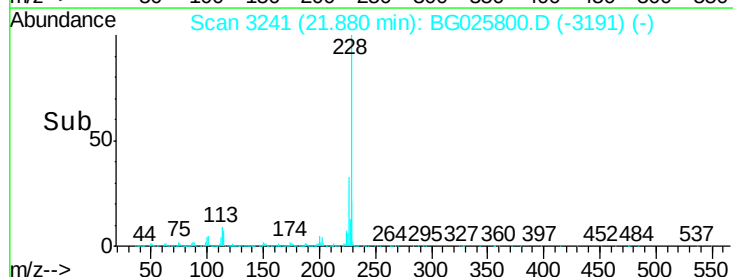
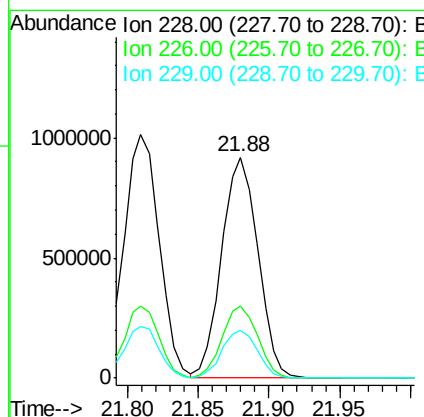
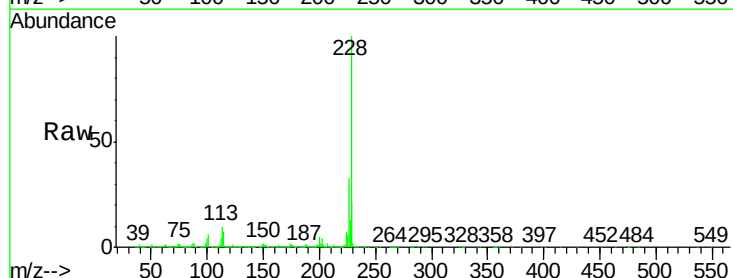
Instrument :
 BNA_G
 ClientSampleId :
 PB96126BS

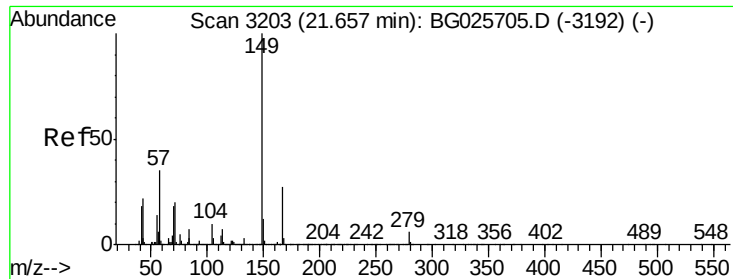
Tgt Ion:252 Resp: 316769
 Ion Ratio Lower Upper
 252 100
 254 61.1 53.1 79.7
 126 9.5 7.0 10.4



#82
 Chrysene
 Concen: 37.11 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

Tgt Ion:228 Resp: 1644349
 Ion Ratio Lower Upper
 228 100
 226 32.9 27.0 40.4
 229 21.5 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.64 ng

RT: 21.65 min Scan# 3202

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

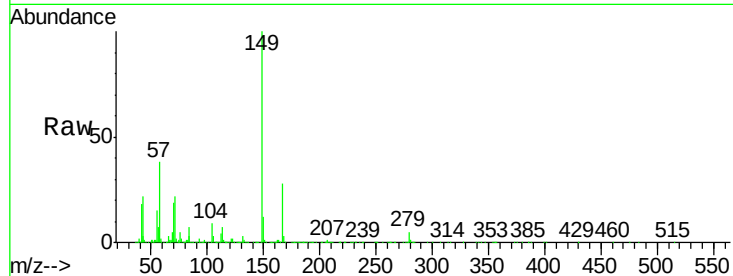
Tgt Ion:149 Resp: 1036214

Ion Ratio Lower Upper

149 100

167 28.2 23.7 35.5

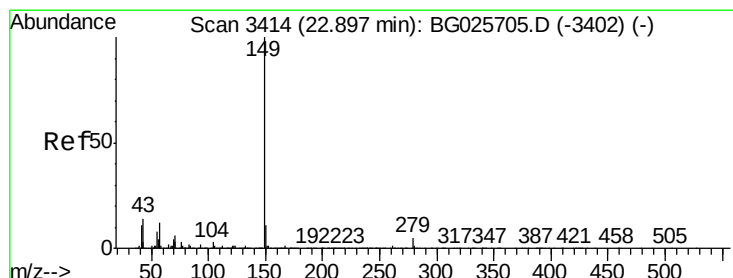
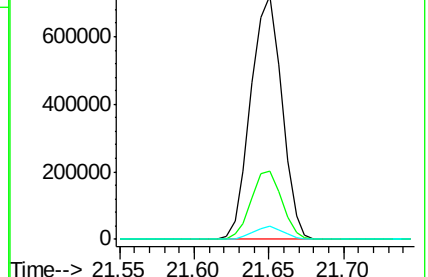
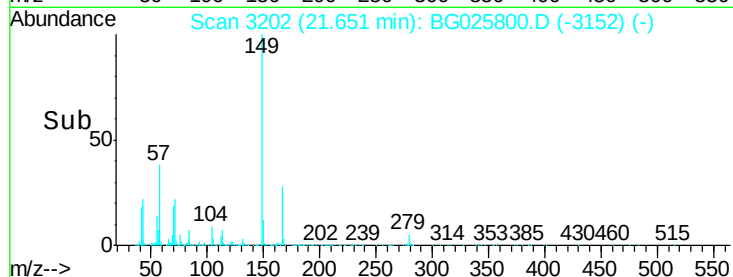
279 5.5 4.6 6.8



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: 41.80 ng

RT: 22.89 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

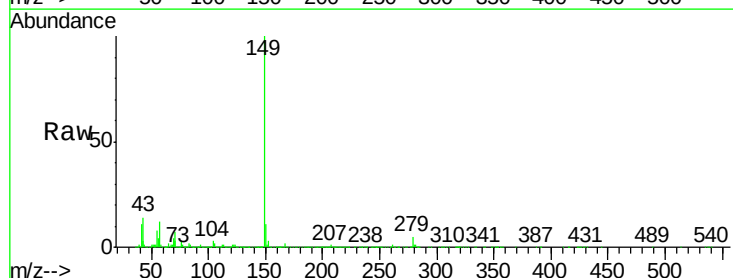
Tgt Ion:149 Resp: 1730975

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

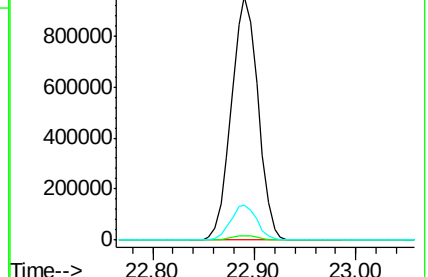
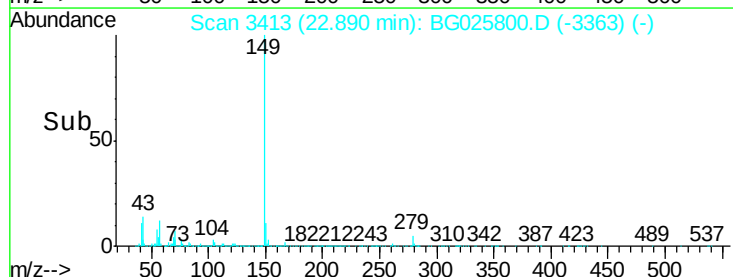
43 13.9 11.8 17.6

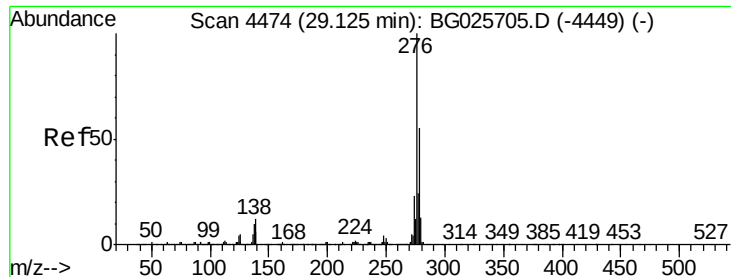


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.67 ng

RT: 29.12 min Scan# 4474

Delta R.T. -0.00 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

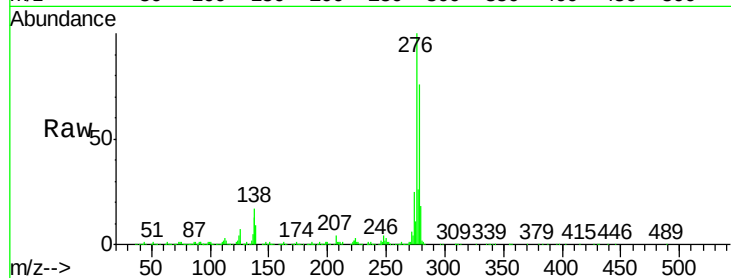
Tgt Ion:276 Resp: 2088697

Ion Ratio Lower Upper

276 100

138 17.2 4.7 7.1#

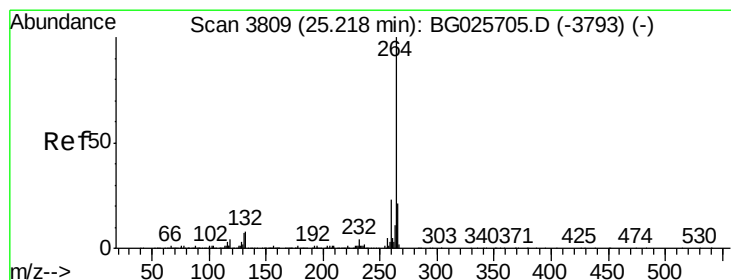
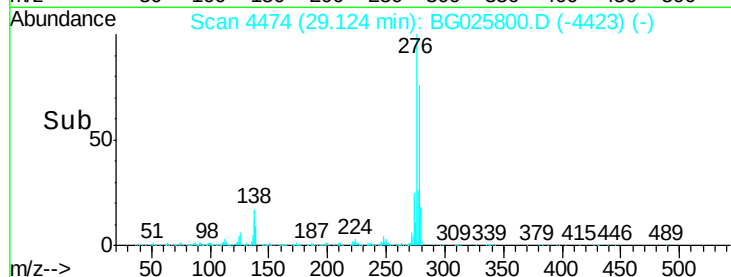
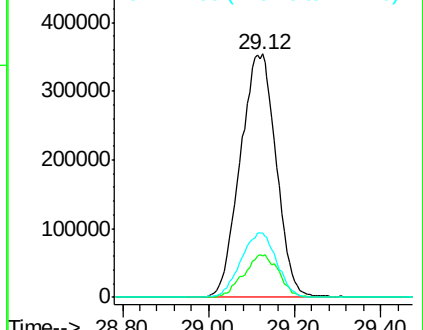
277 26.2 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

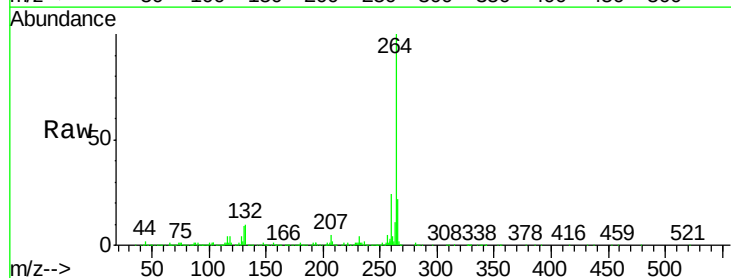
Tgt Ion:264 Resp: 760943

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

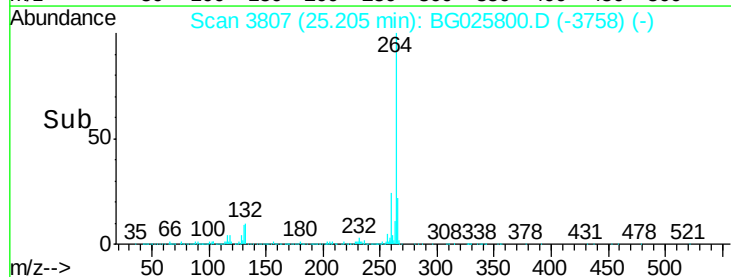
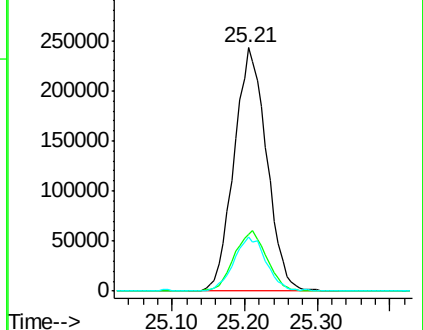
265 22.2 18.2 27.4

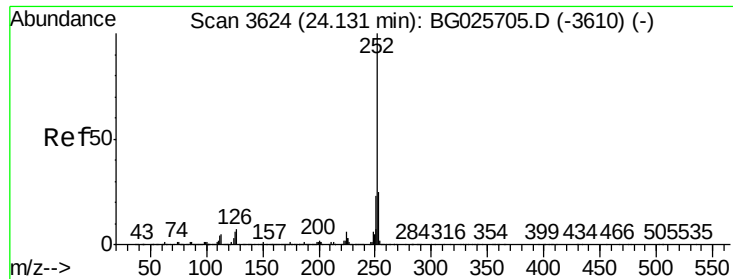


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

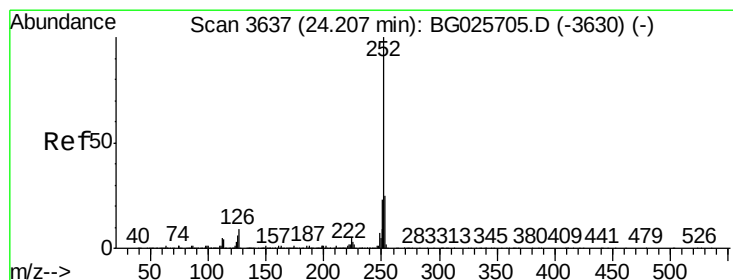
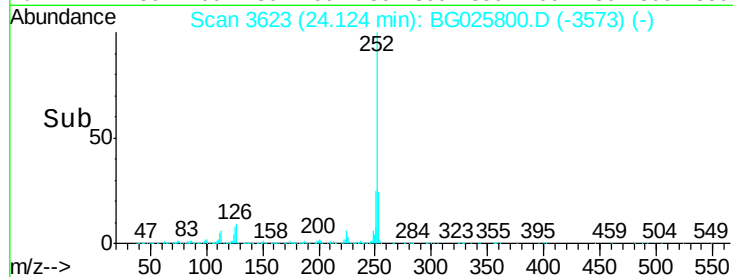
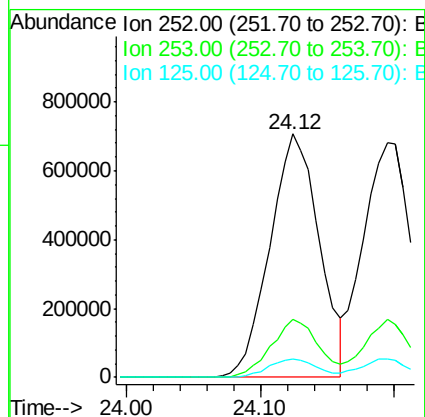
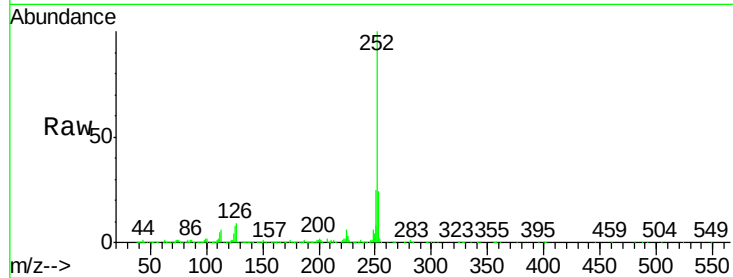




#87
Benzo(b)fluoranthene
Concen: 41.30 ng
RT: 24.12 min Scan# 3623
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

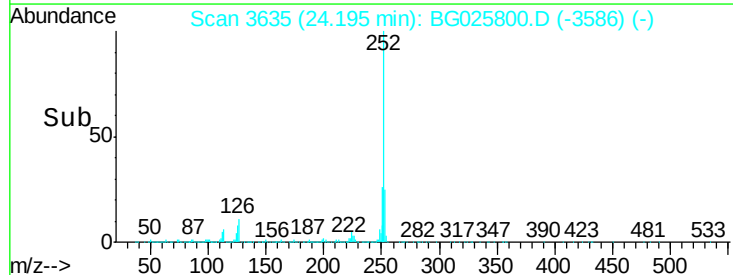
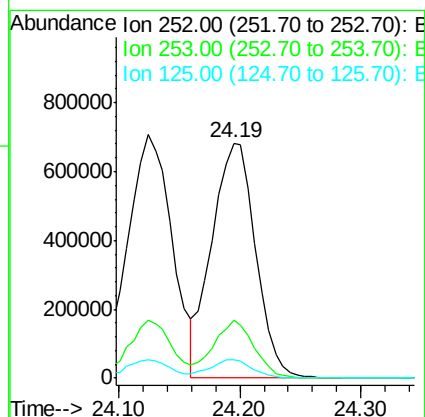
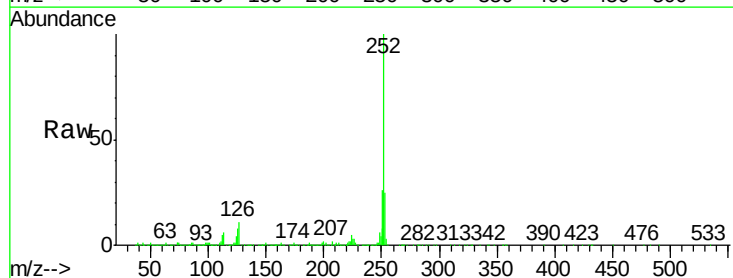
Instrument :
BNA_G
ClientSampleId :
PB96126BS

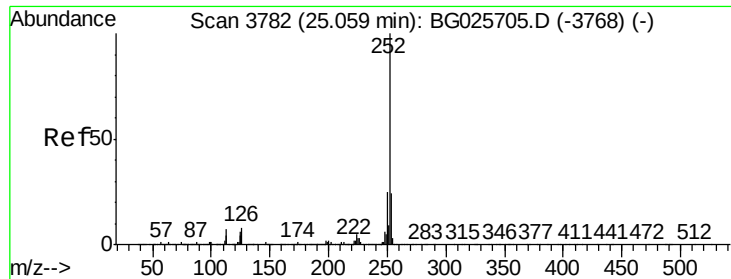
Tgt Ion:252 Resp: 1816513
Ion Ratio Lower Upper
252 100
253 24.0 18.7 28.1
125 7.7 5.3 7.9



#88
Benzo(k)fluoranthene
Concen: 39.72 ng
RT: 24.19 min Scan# 3635
Delta R.T. -0.01 min
Lab File: BG025800.D
Acq: 3 Feb 2017 18:36

Tgt Ion:252 Resp: 1709998
Ion Ratio Lower Upper
252 100
253 24.6 20.2 30.2
125 7.7 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 41.45 ng

RT: 25.05 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

Instrument :

BNA_G

ClientSampleId :

PB96126BS

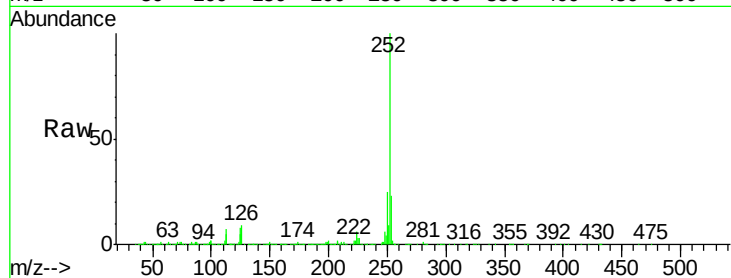
Tgt Ion:252 Resp: 1734120

Ion Ratio Lower Upper

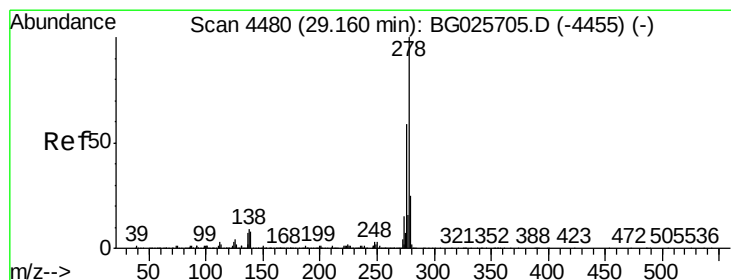
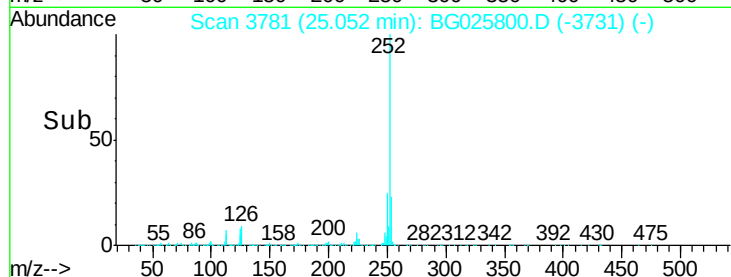
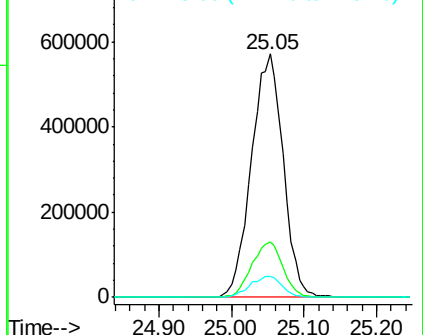
252 100

253 22.7 19.2 28.8

125 8.5 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.65 ng

RT: 29.15 min Scan# 4479

Delta R.T. -0.01 min

Lab File: BG025800.D

Acq: 3 Feb 2017 18:36

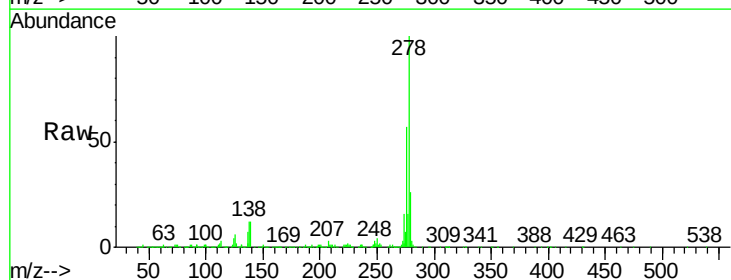
Tgt Ion:278 Resp: 1758453

Ion Ratio Lower Upper

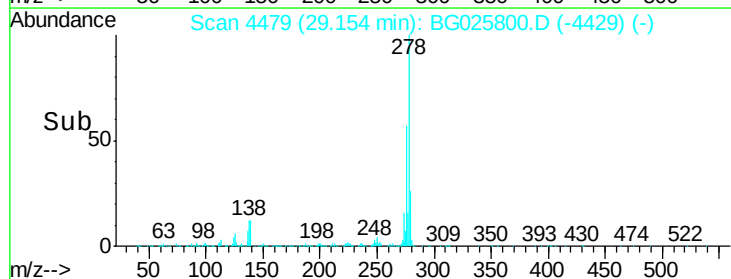
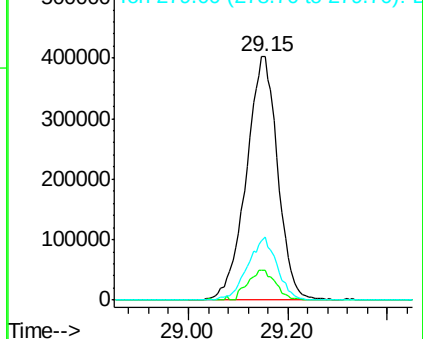
278 100

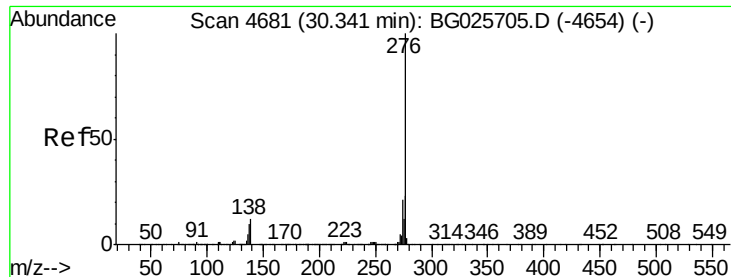
139 12.4 7.7 11.5#

279 25.9 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 40.87 ng
 RT: 30.33 min Scan# 4680
 Delta R.T. -0.01 min
 Lab File: BG025800.D
 Acq: 3 Feb 2017 18:36

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BS

Tgt Ion: 276 Resp: 1757194
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.6 27.8
 138 14.9 8.1 12.1#

