

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG013017\
 Data File : BG025717.D
 Acq On : 30 Jan 2017 23:08
 Operator : SJ/MA
 Sample : 8270SPK
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

Quant Time: Jan 31 00:26:44 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	61475	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	252416	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	200924	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	465055	20.00	ng	0.00
75) Chrysene-d12	21.84	240	658397	20.00	ng	0.00
86) Perylene-d12	25.21	264	676937	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	113	0.03	ng	-0.04
7) Phenol-d6	7.33	99	270	0.05	ng	0.00
23) Nitrobenzene-d5	9.24	82	29017	4.86	ng	-0.11
41) 2,4,6-Tribromophenol	16.29	330	371	0.13	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	99	0.01	ng	-0.01
78) Terphenyl-d14	20.13	244	1221	0.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	76100	48.94	ng	94
3) Pyridine	3.94	79	212449	50.35	ng	94
4) n-Nitrosodimethylamine	3.87	42	131469	54.16	ng	84
6) Aniline	7.49	93	285216	40.41	ng	96
8) 2-Chlorophenol	7.73	128	225984	58.04	ng	96
9) Benzaldehyde	7.31	77	202236	47.58	ng	95
10) Phenol	7.36	94	324267	57.59	ng	95
11) bis(2-Chloroethyl)ether	7.58	93	236159	53.04	ng	92
12) 1,3-Dichlorobenzene	8.05	146	245550	51.57	ng	94
13) 1,4-Dichlorobenzene	8.20	146	248871	51.41	ng	98
14) 1,2-Dichlorobenzene	8.52	146	235602	50.79	ng	98
15) Benzyl Alcohol	8.42	79	261542	60.37	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.69	45	432409	48.10	ng	94
17) 2-Methylphenol	8.62	107	204535	53.18	ng	97
18) Hexachloroethane	9.24	117	98133	49.78	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	217823	49.27	ng	98
20) 3+4-Methylphenols	8.95	107	273208	52.05	ng	96
22) Acetophenone	9.00	105	353564	51.16	ng	# 97
24) Nitrobenzene	9.40	77	324198	49.70	ng	98
25) Isophorone	9.91	82	589241	50.62	ng	98
26) 2-Nitrophenol	10.11	139	131891	57.07	ng	96
27) 2,4-Dimethylphenol	10.15	122	240990	59.86	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	326477	52.99	ng	96
29) 2,4-Dichlorophenol	10.65	162	241056	58.35	ng	98
30) 1,2,4-Trichlorobenzene	10.85	180	256689	53.42	ng	95
31) Naphthalene	11.04	128	681945	52.04	ng	99
32) Benzoic acid	10.32	122	128547	49.13	ng	93
33) 4-Chloroaniline	11.17	127	155604	28.57	ng	94
34) Hexachlorobutadiene	11.30	225	191315	48.94	ng	96
35) Caprolactam	11.95	113	43969	24.98	ng	# 75
36) 4-Chloro-3-methylphenol	12.28	107	283846	56.40	ng	94
37) 2-Methylnaphthalene	12.64	142	521102	51.51	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	326492	48.52	ng	96
40) Hexachlorocyclopentadiene	12.96	237	294416	108.82	ng	98

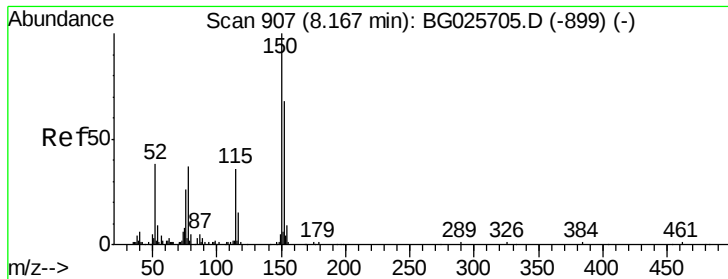
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG013017\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	218832	55.55	ng	96
43) 2,4,5-Trichlorophenol	13.33	196	220108	51.76	ng	94
45) 1,1'-Biphenyl	13.63	154	715490	51.19	ng	94
46) 2-Chloronaphthalene	13.69	162	562893	51.28	ng	98
47) 2-Nitroaniline	13.90	65	243107	51.46	ng	96
48) Acenaphthylene	14.53	152	876523	48.00	ng	97
49) Dimethylphthalate	14.24	163	762986	50.43	ng	100
50) 2,6-Dinitrotoluene	14.39	165	166658	48.64	ng	97
51) Acenaphthene	14.86	154	557117	49.37	ng	98
52) 3-Nitroaniline	14.73	138	109487	33.89	ng	96
53) 2,4-Dinitrophenol	14.95	184	206110	98.12	ng	# 85
54) Dibenzofuran	15.20	168	902009	52.91	ng	96
55) 4-Nitrophenol	15.05	139	247484	97.74	ng	94
56) 2,4-Dinitrotoluene	15.18	165	256537	51.17	ng	# 79
57) Fluorene	15.84	166	732923	48.39	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	235670	59.30	ng	95
59) Diethylphthalate	15.59	149	806262	50.26	ng	97
60) 4-Chlorophenyl-phenylether	15.82	204	401213	48.86	ng	95
61) 4-Nitroaniline	15.90	138	165271	50.94	ng	99
62) Azobenzene	16.12	77	896401	54.92	ng	97
64) 4,6-Dinitro-2-methylphenol	15.95	198	177321	53.65	ng	84
65) n-Nitrosodiphenylamine	16.04	169	688441	51.57	ng	99
66) 4-Bromophenyl-phenylether	16.72	248	291310	51.51	ng	96
67) Hexachlorobenzene	16.85	284	314814	49.49	ng	92
68) Atrazine	16.98	200	311790	47.31	ng	99
69) Pentachlorophenol	17.20	266	318106	113.82	ng	95
70) Phenanthrene	17.59	178	1286755	50.92	ng	96
71) Anthracene	17.68	178	1345311	51.62	ng	99
72) Carbazole	17.96	167	1226294	48.59	ng	98
73) Di-n-butylphthalate	18.47	149	1496420	51.24	ng	99
74) Fluoranthene	19.59	202	1744636	50.37	ng	96
76) Benzidine	19.77	184	1074231	47.51	ng	98
77) Pyrene	19.95	202	1806452	49.25	ng	100
79) Butylbenzylphthalate	20.80	149	787501	51.72	ng	98
80) Benzo(a)anthracene	21.81	228	1915174	49.12	ng	99
81) 3,3'-Dichlorobenzidine	21.72	252	457140	29.87	ng	95
82) Chrysene	21.88	228	1750405	47.49	ng	99
83) Bis(2-ethylhexyl)phthalate	21.65	149	1092216	51.50	ng	98
84) Di-n-octyl phthalate	22.90	149	1835003	53.27	ng	98
85) Indeno(1,2,3-cd)pyrene	29.11	276	2286530	50.89	ng	# 98
87) Benzo(b)fluoranthene	24.13	252	1972887	50.42	ng	99
88) Benzo(k)fluoranthene	24.20	252	1839611	48.04	ng	96
89) Benzo(a)pyrene	25.06	252	1878326	50.47	ng	97
90) Dibenzo(a,h)anthracene	29.16	278	1902413	49.43	ng	97
91) Benzo(g,h,i)perylene	30.34	276	1886084	49.32	ng	# 97

(#) = 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

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8270SPK

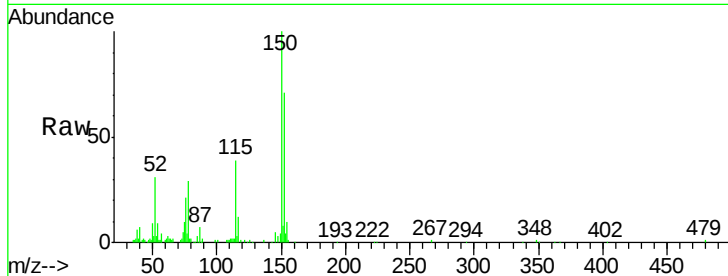
Tgt Ion:152 Resp: 61475

Ion Ratio Lower Upper

152 100

150 140.5 114.0 171.0

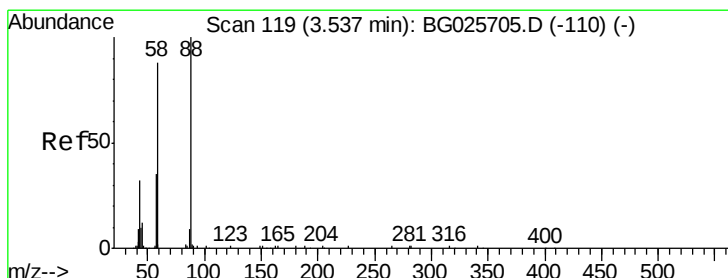
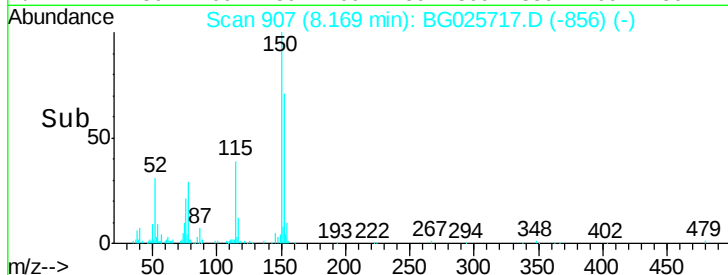
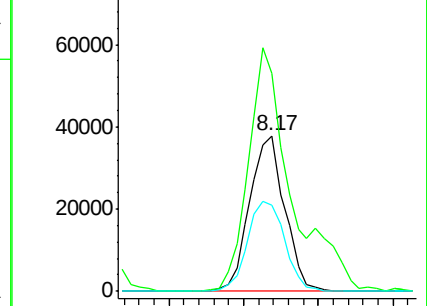
115 55.1 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 48.94 ng

RT: 3.53 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

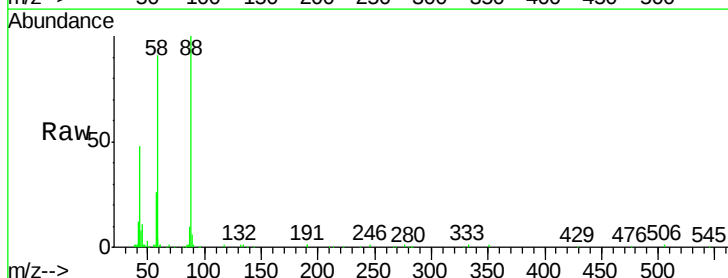
Tgt Ion: 88 Resp: 76100

Ion Ratio Lower Upper

88 100

58 91.2 79.4 119.2

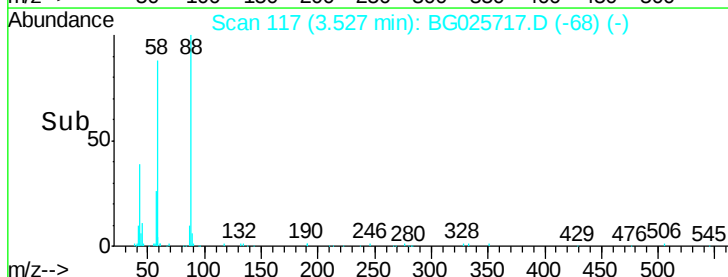
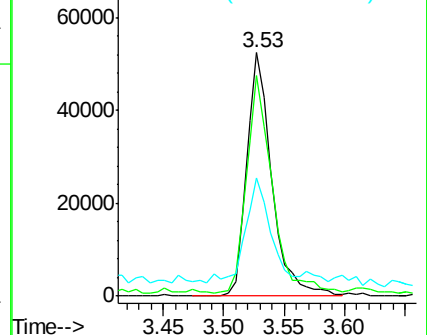
43 43.2 33.8 50.6

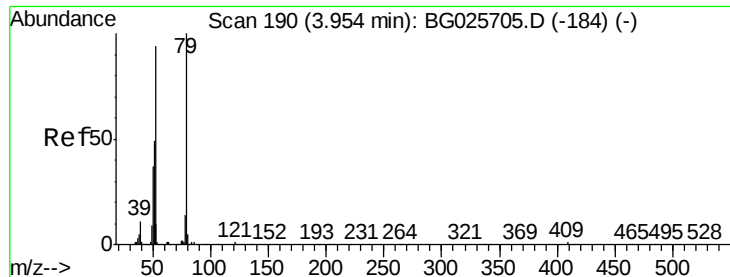


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 50.35 ng

RT: 3.94 min Scan# 188

Delta R.T. -0.01 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

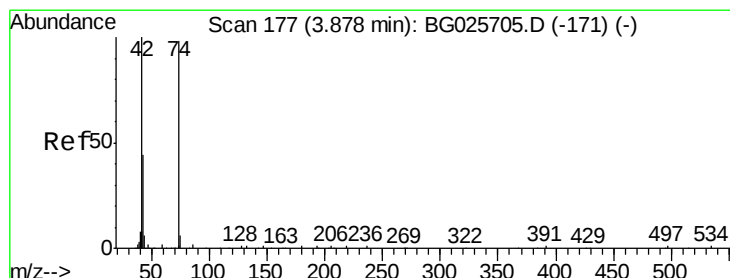
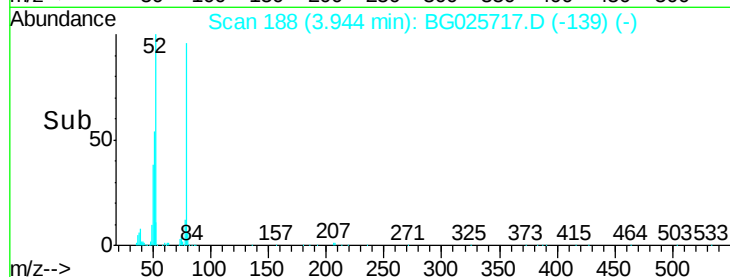
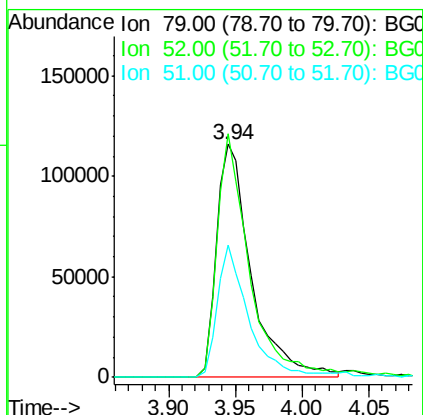
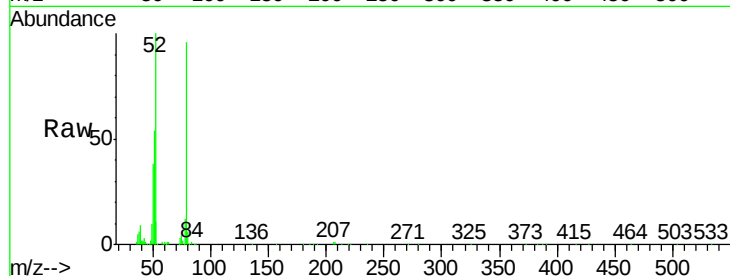
Tgt Ion: 79 Resp: 212449

Ion Ratio Lower Upper

79 100

52 104.6 77.8 116.6

51 56.6 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 54.16 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.01 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

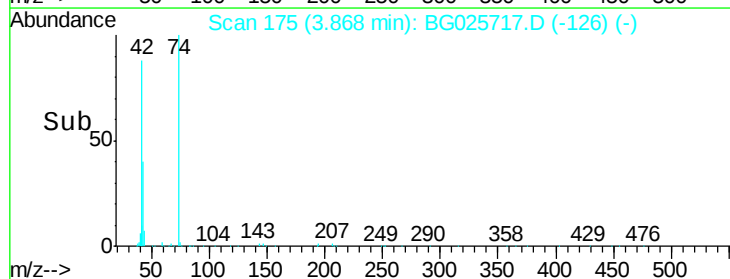
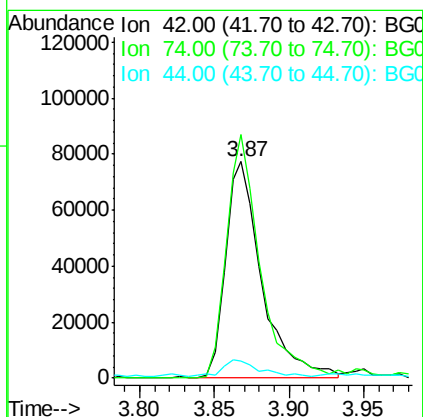
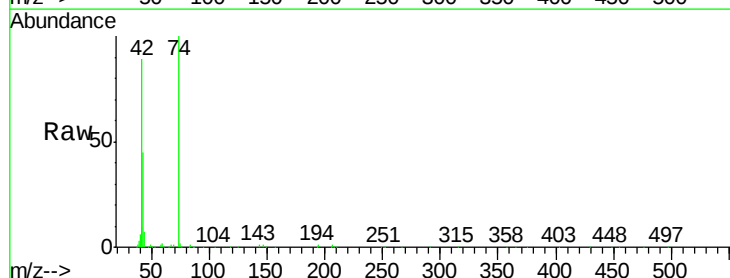
Tgt Ion: 42 Resp: 131469

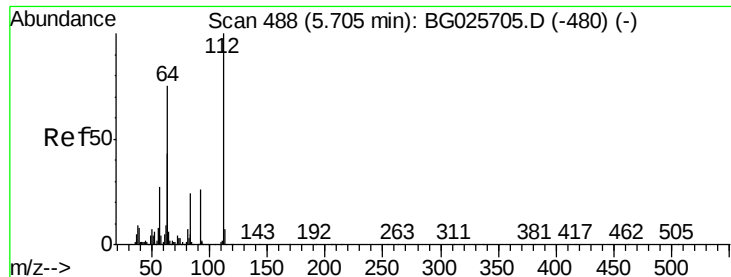
Ion Ratio Lower Upper

42 100

74 112.6 76.7 115.1

44 8.0 6.1 9.1





#5

2-Fluorophenol

Concen: 0.03 ng

RT: 5.67 min Scan# 481

Delta R.T. -0.04 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

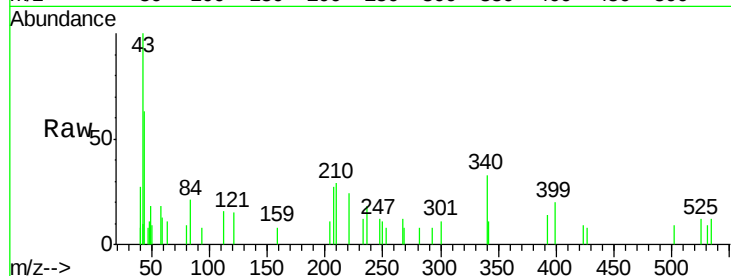
Instrument :

BNA_G

ClientSampleId :

8270SPK

Tgt Ion:	112	Resp:	113
Ion	Ratio	Lower	Upper
112	100		
64	65.9	61.8	92.6
63	0.0	37.2	55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.67

300

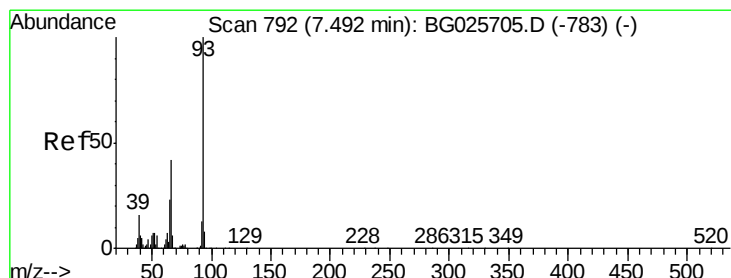
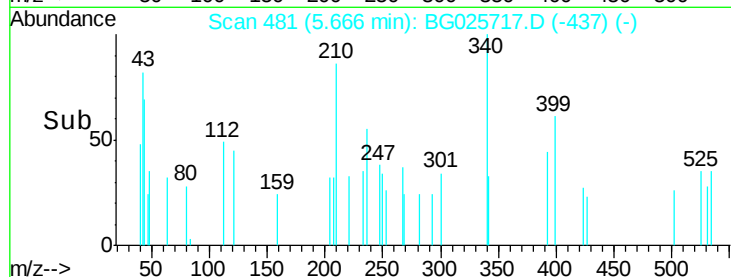
200

100

0

5.65 5.66 5.67 5.68

Time-->



#6

Aniline

Concen: 40.41 ng

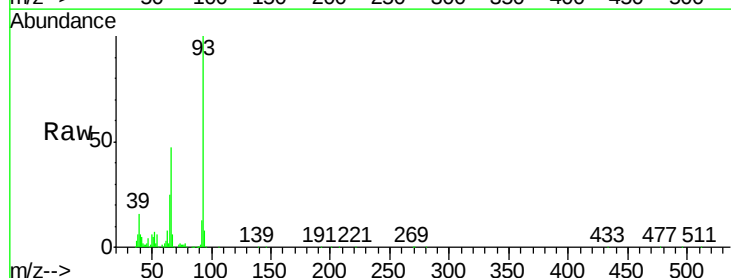
RT: 7.49 min Scan# 791

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion:	93	Resp:	285216
Ion	Ratio	Lower	Upper
93	100		
66	46.7	35.4	53.2
65	24.7	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

7.49

200000

150000

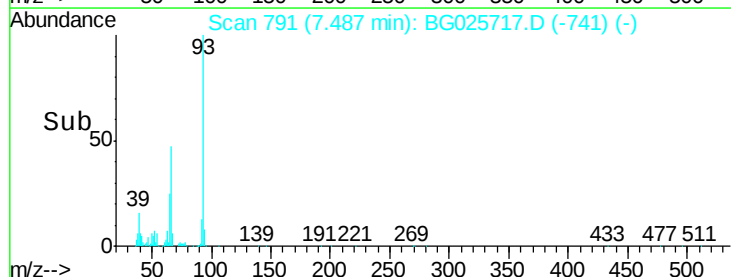
100000

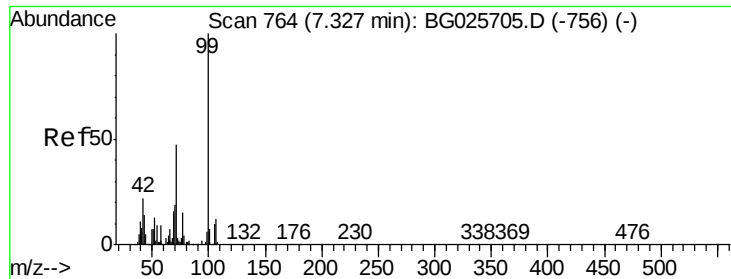
50000

0

7.40 7.45 7.50 7.55

Time-->





#7

Phenol-d6

Concen: 0.05 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

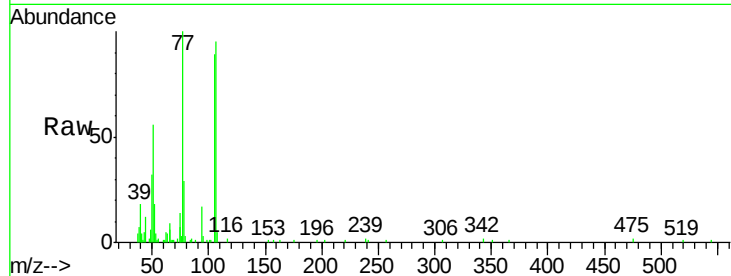
Tgt Ion: 99 Resp: 270

Ion Ratio Lower Upper

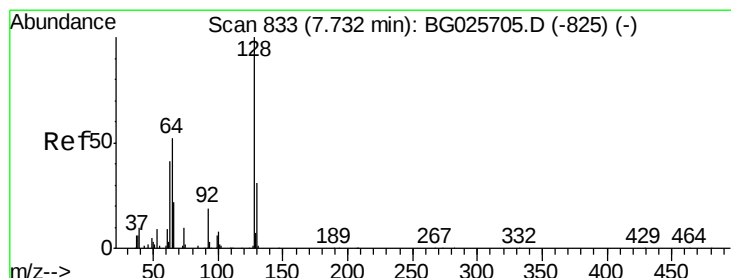
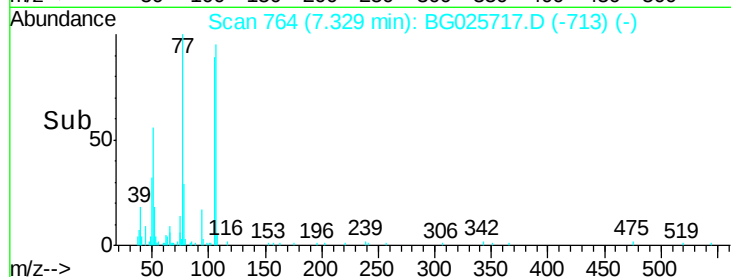
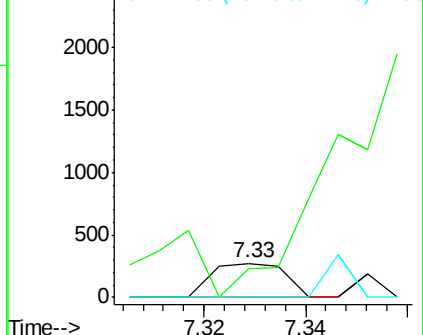
99 100

42 81.8 20.5 30.7#

71 0.0 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: 58.04 ng

RT: 7.73 min Scan# 832

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

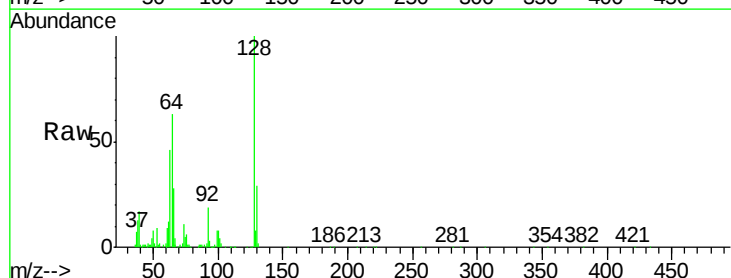
Tgt Ion: 128 Resp: 225984

Ion Ratio Lower Upper

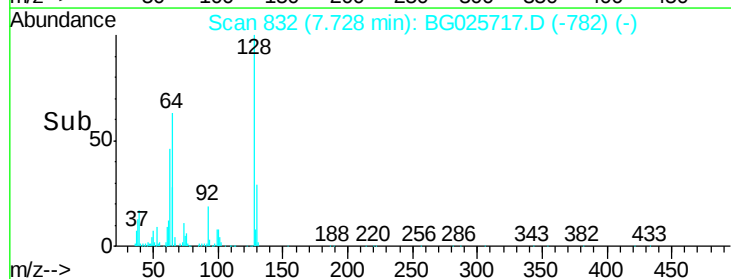
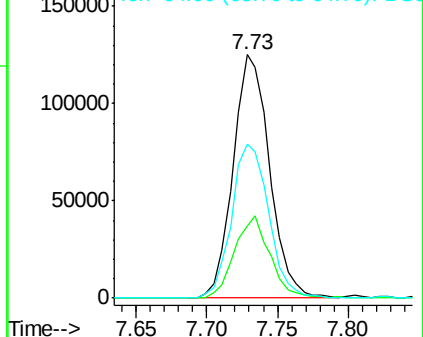
128 100

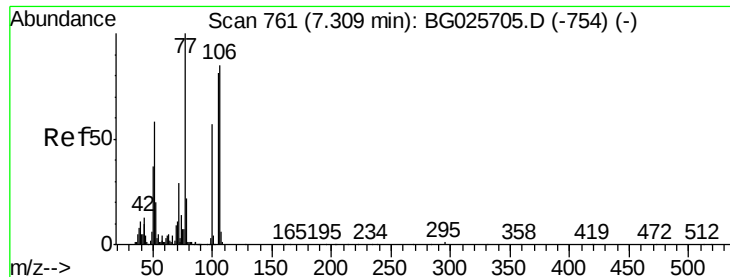
130 29.5 11.4 51.4

64 63.4 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: 47.58 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

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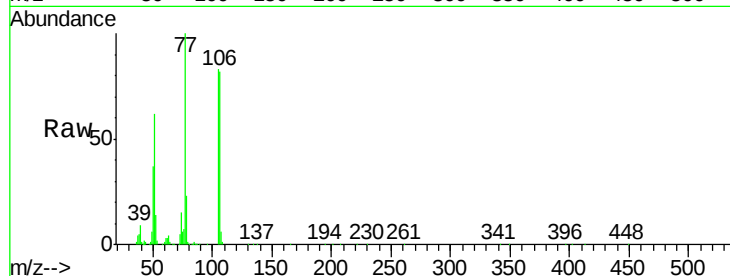
Tgt Ion: 77 Resp: 202236

Ion Ratio Lower Upper

77 100

105 83.2 60.9 100.9

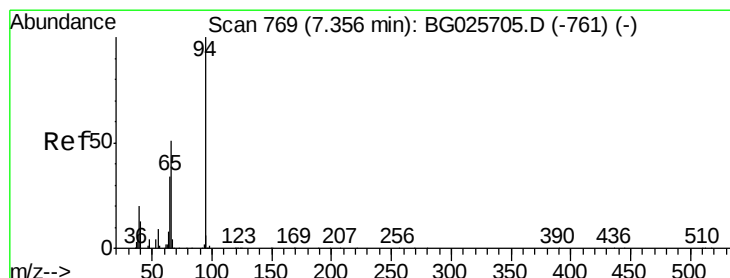
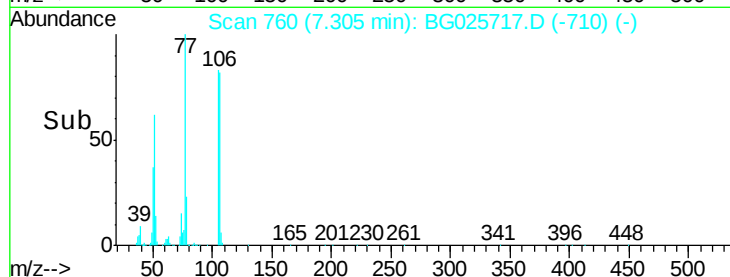
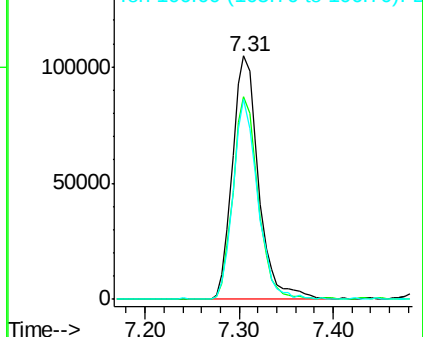
106 82.1 55.1 95.1



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: 57.59 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

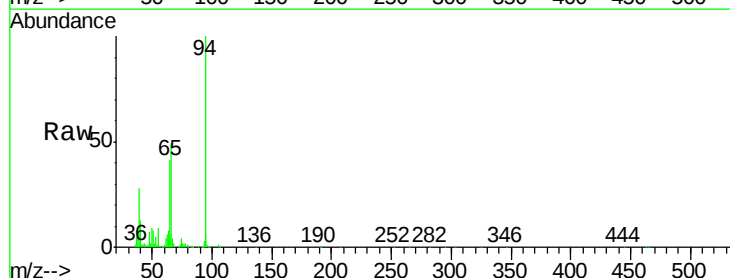
Tgt Ion: 94 Resp: 324267

Ion Ratio Lower Upper

94 100

65 40.6 20.6 60.6

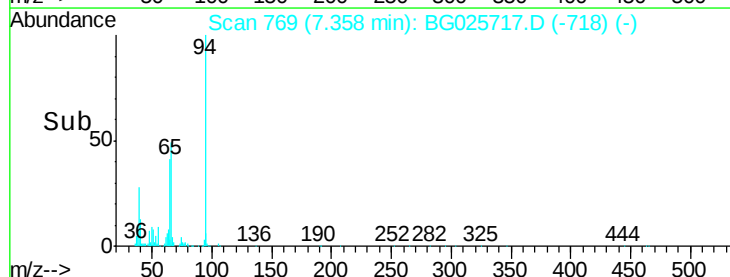
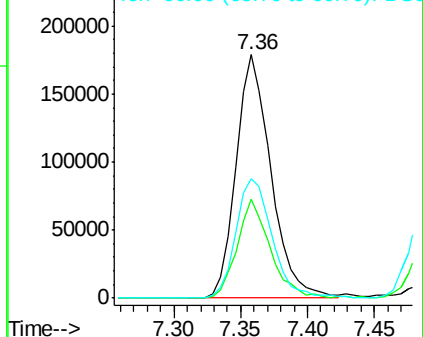
66 48.9 35.5 75.5

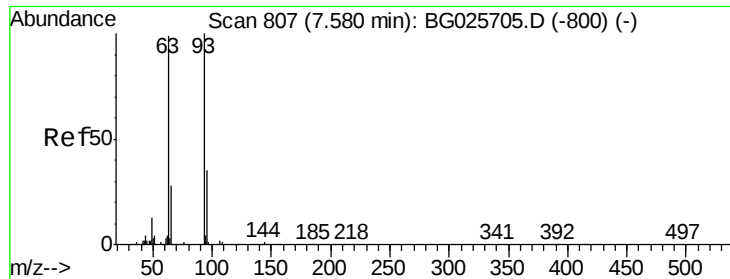


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

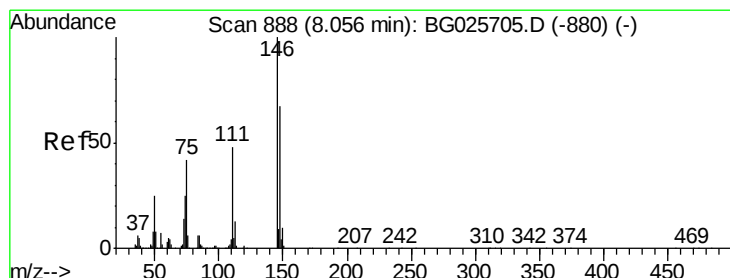
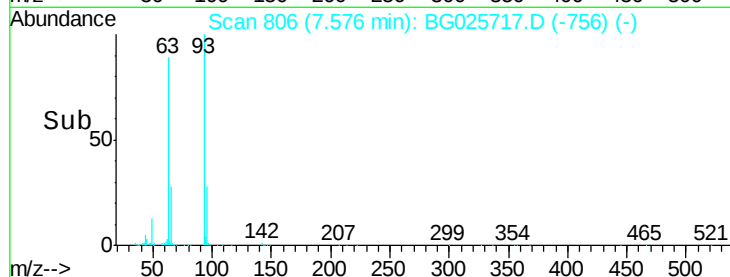
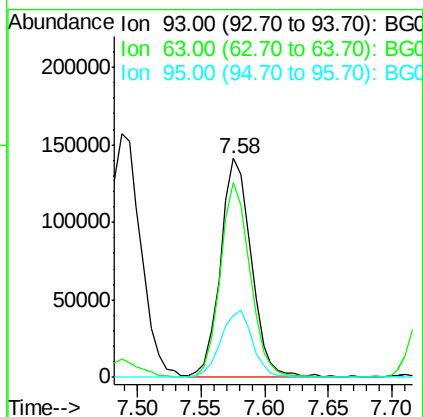
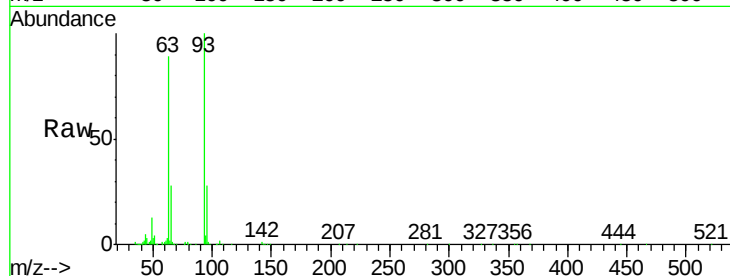




#11
bis(2-Chloroethyl)ether
Concen: 53.04 ng
RT: 7.58 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

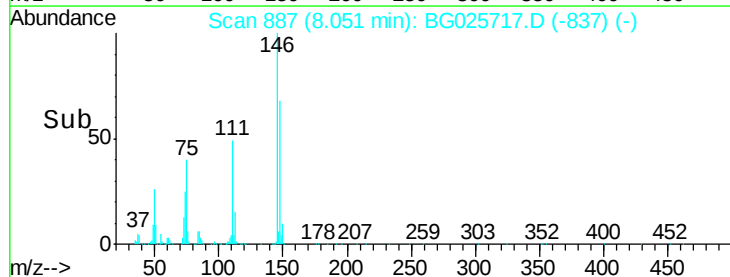
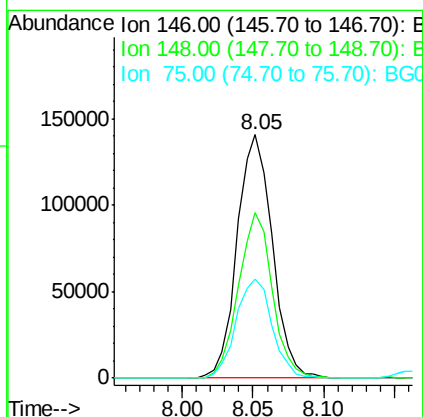
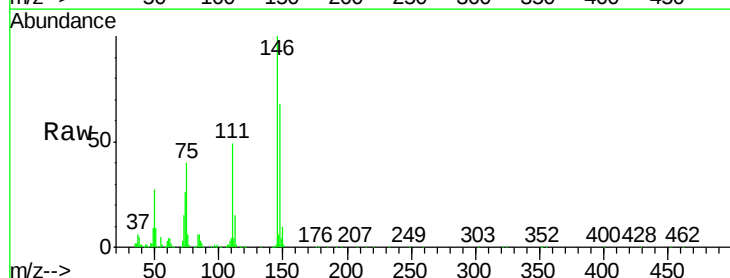
Instrument :
BNA_G
ClientSampleId :
8270SPK

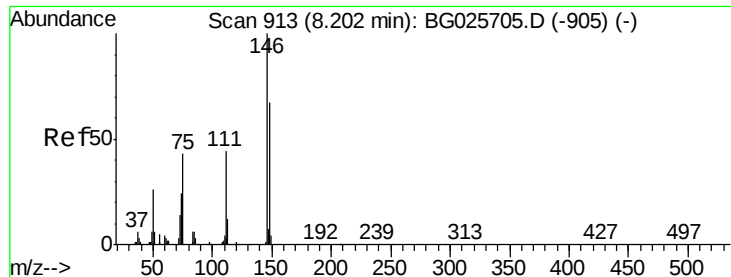
Tgt Ion: 93 Resp: 236159
Ion Ratio Lower Upper
93 100
63 88.9 78.5 118.5
95 28.4 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 51.57 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion: 146 Resp: 245550
Ion Ratio Lower Upper
146 100
148 67.8 49.2 73.8
75 40.4 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 51.41 ng

RT: 8.20 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

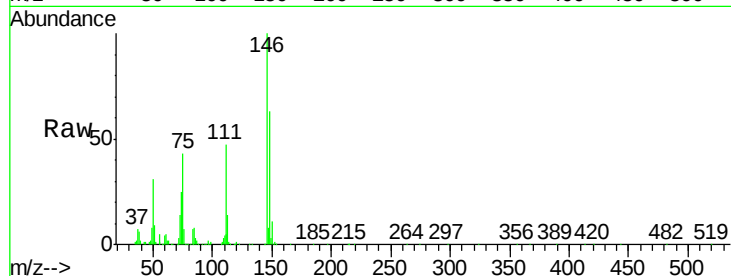
Tgt Ion:146 Resp: 248871

Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.2

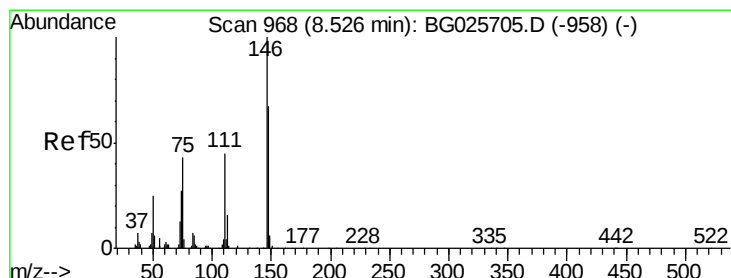
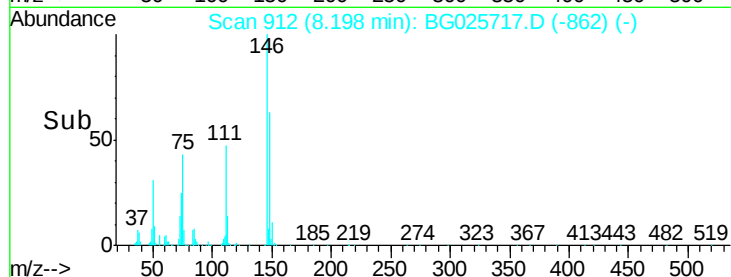
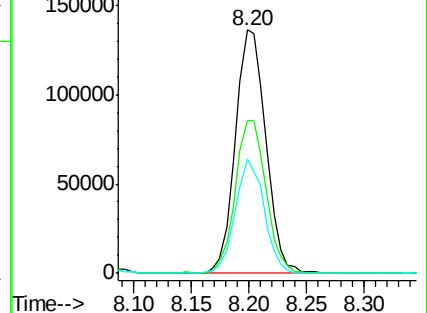
111 47.0 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 50.79 ng

RT: 8.52 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

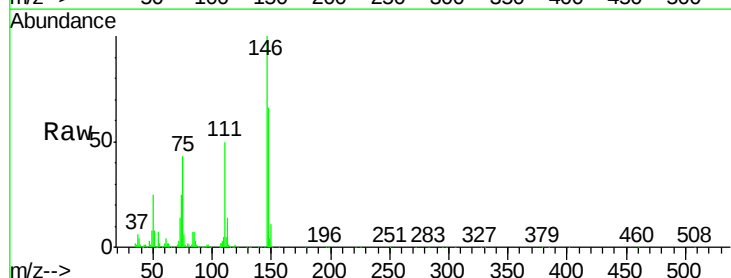
Tgt Ion:146 Resp: 235602

Ion Ratio Lower Upper

146 100

148 66.4 54.6 81.8

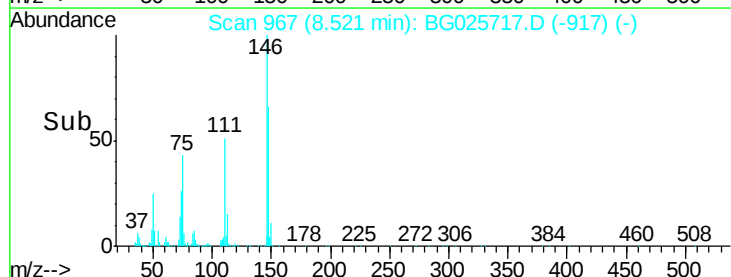
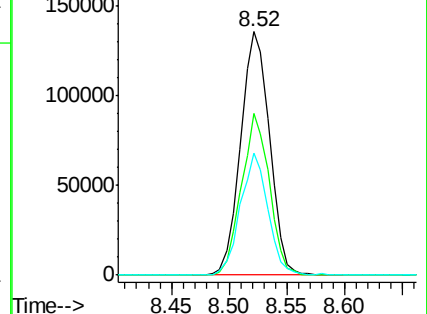
111 50.3 39.7 59.5

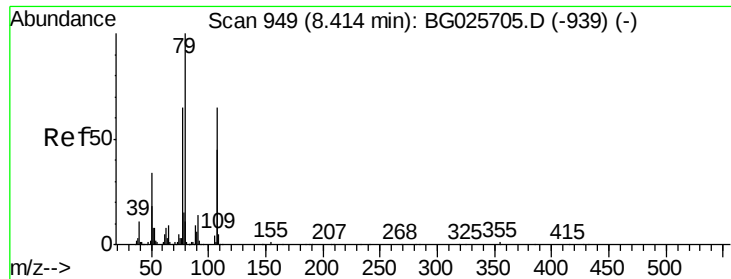


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 60.37 ng

RT: 8.42 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

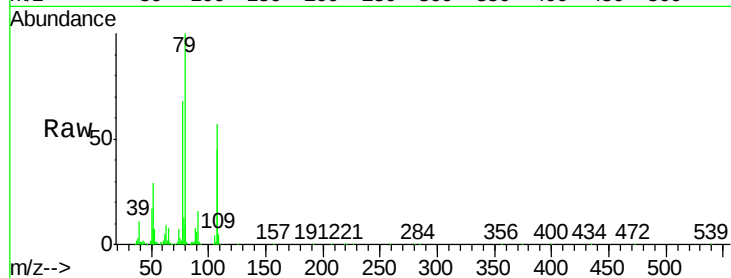
Tgt Ion: 79 Resp: 261542

Ion Ratio Lower Upper

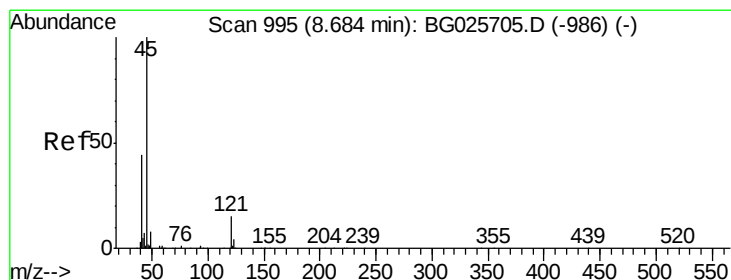
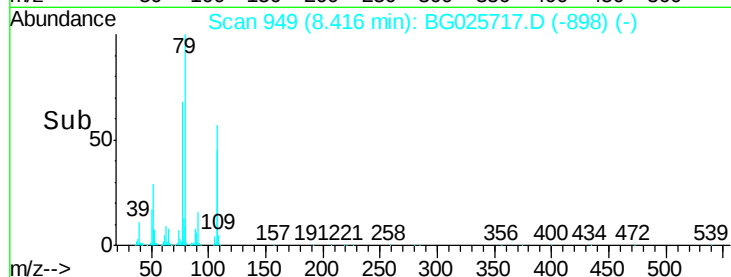
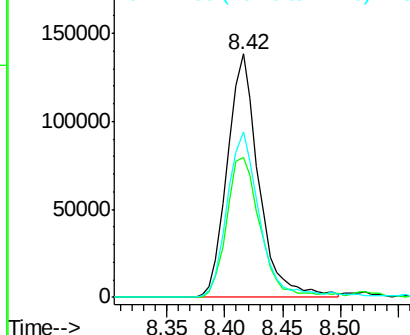
79 100

108 57.3 45.5 68.3

77 67.9 54.3 81.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.10 ng

RT: 8.69 min Scan# 996

Delta R.T. 0.01 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

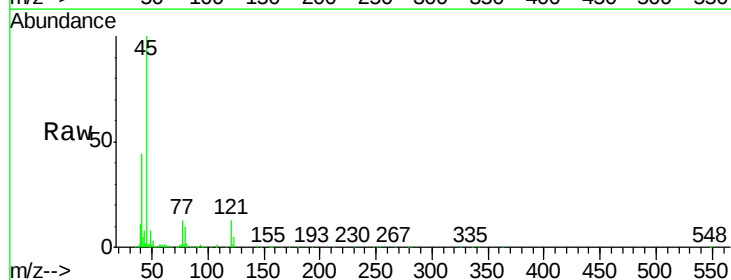
Tgt Ion: 45 Resp: 432409

Ion Ratio Lower Upper

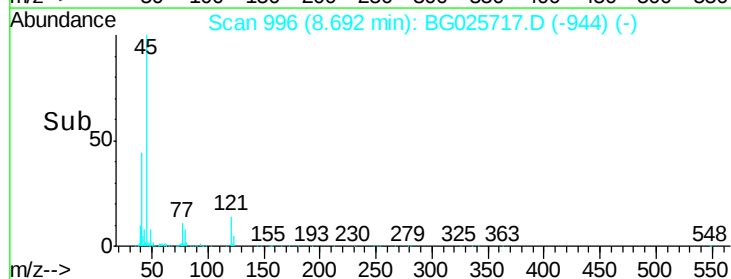
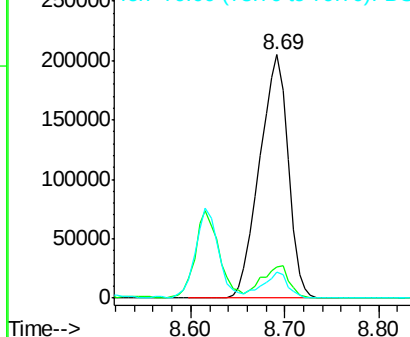
45 100

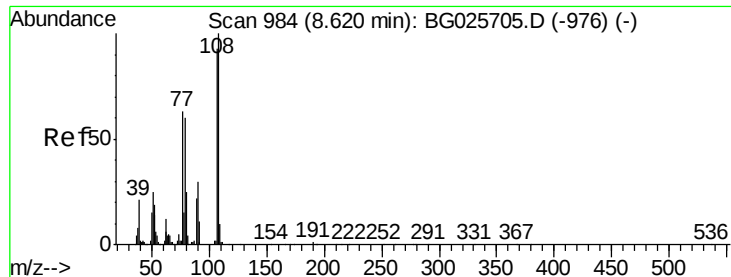
77 13.0 0.0 30.6

79 10.5 0.0 28.5



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

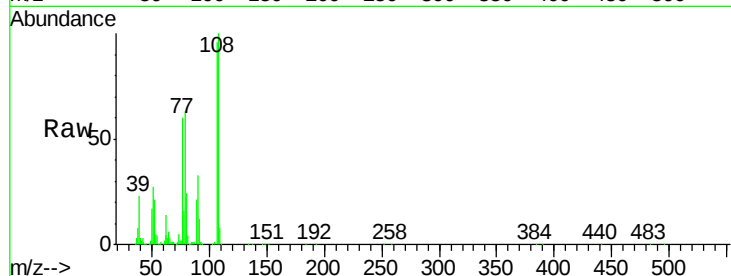




#17
2-Methylphenol
Concen: 53.18 ng
RT: 8.62 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tgt Ion	Ratio	Lower	Upper
107	100		
108	104.3	85.6	128.4
77	62.9	51.4	77.2
79	65.6	49.2	73.8



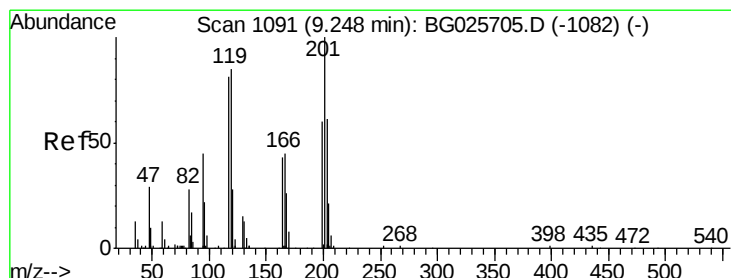
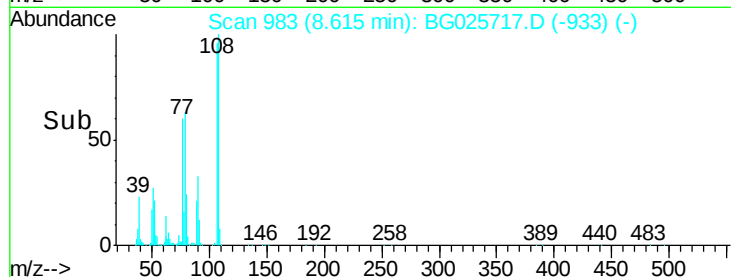
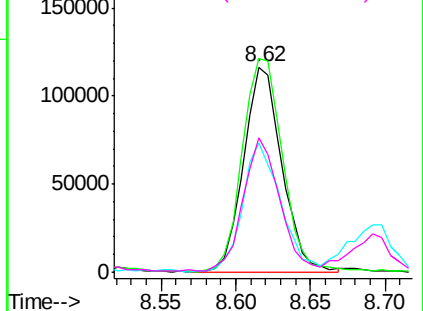
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

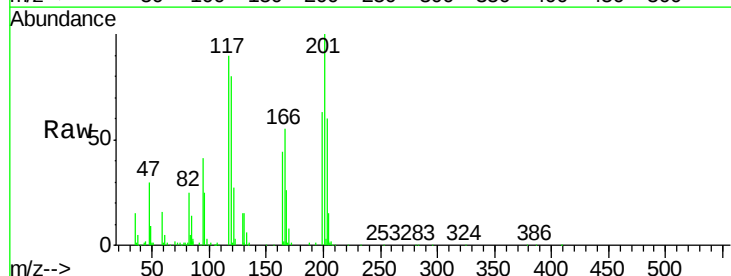
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 49.78 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.4	69.8	104.6
201	111.3	95.4	143.0

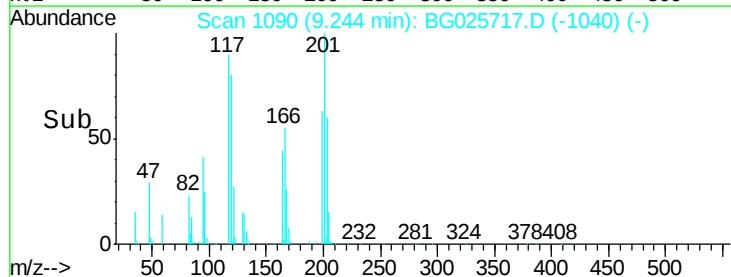
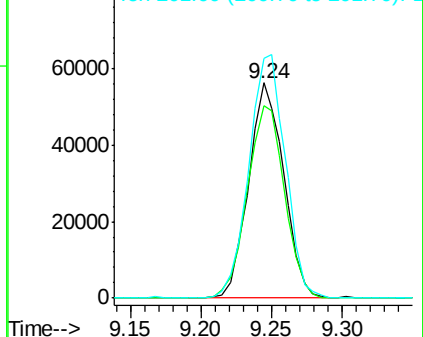


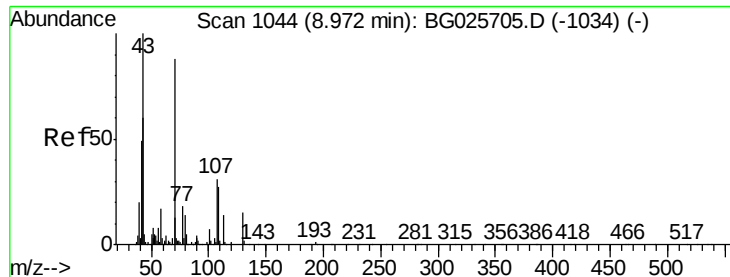
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

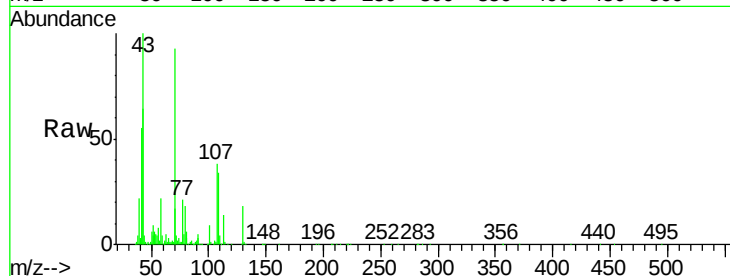




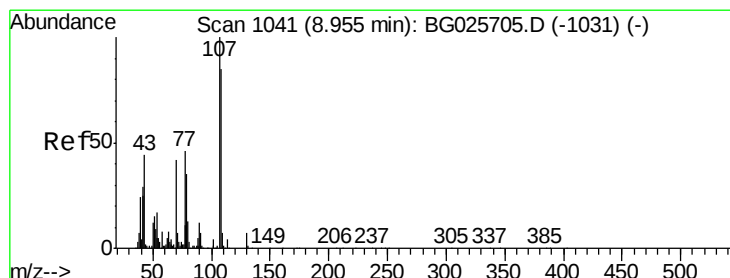
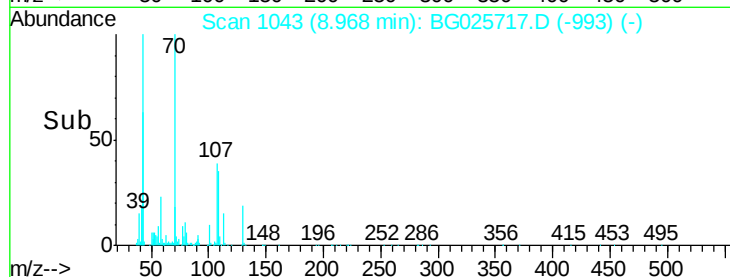
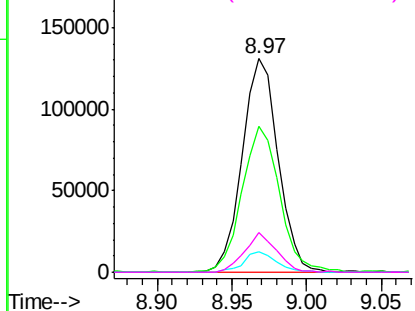
#19
n-Nitroso-di-n-propylamine
Concen: 49.27 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tgt Ion:	70	Resp:	217823
Ion	Ratio	Lower	Upper
70	100		
42	68.3	56.1	84.1
101	9.7	7.5	11.3
130	18.8	14.6	21.8

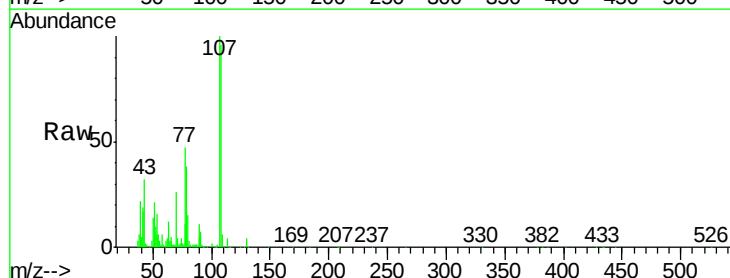


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

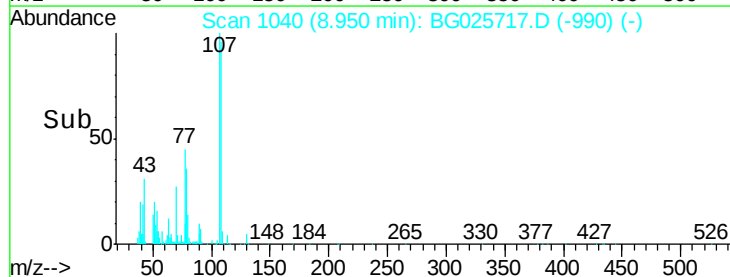
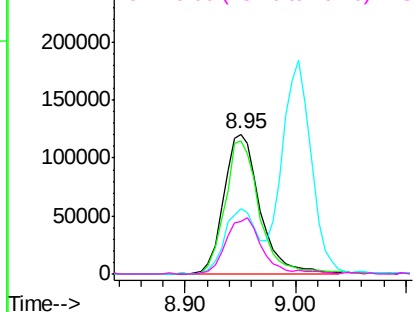


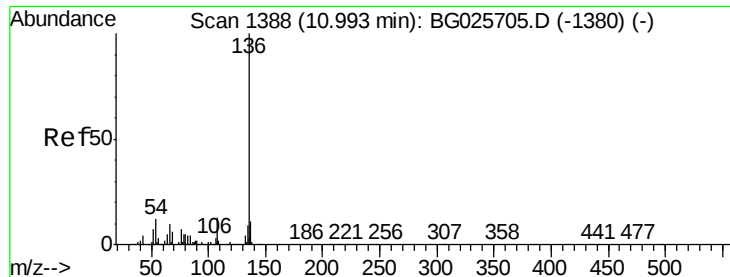
#20
3+4-Methylphenols
Concen: 52.05 ng
RT: 8.95 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion:	107	Resp:	273208
Ion	Ratio	Lower	Upper
107	100		
108	95.8	70.8	110.8
77	46.9	25.8	65.8
79	37.9	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

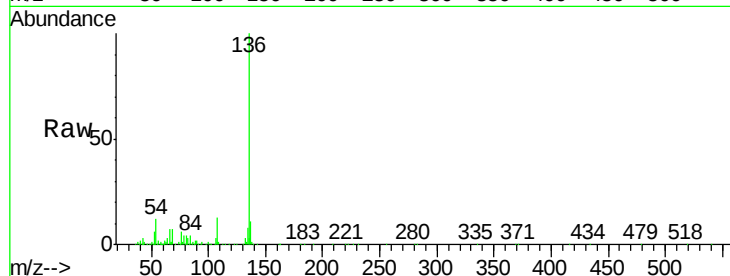




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tgt Ion:	136	Resp:	252416
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	12.3	9.3	13.9
68	6.9	5.1	7.7



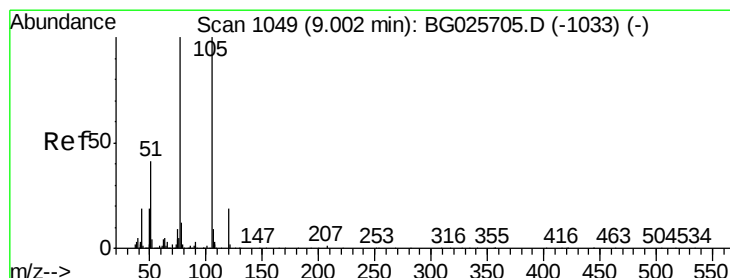
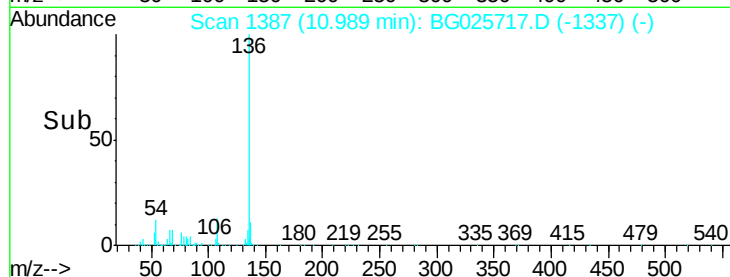
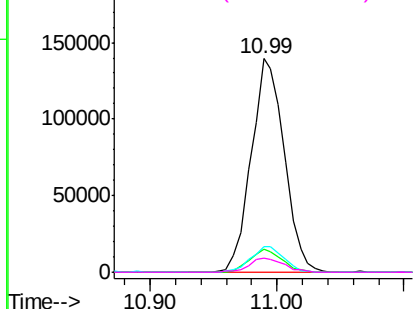
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

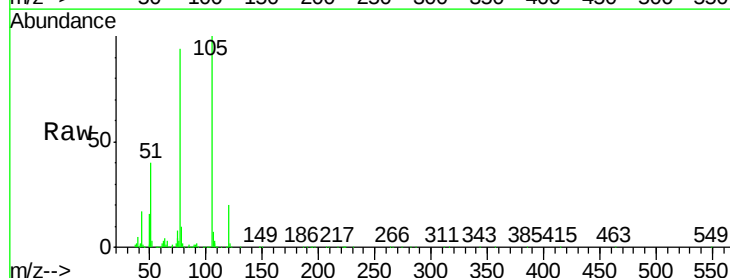
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 51.16 ng
RT: 9.00 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion:	105	Resp:	353564
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	40.2	34.0	51.0
120	20.5	17.3	25.9



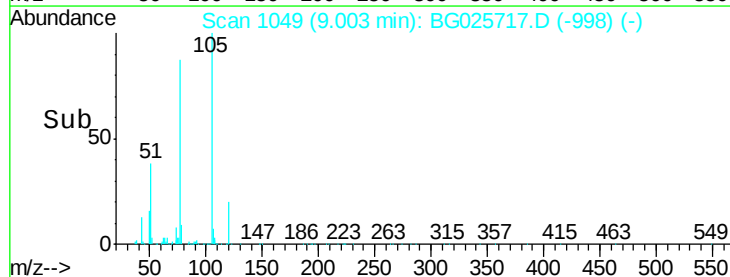
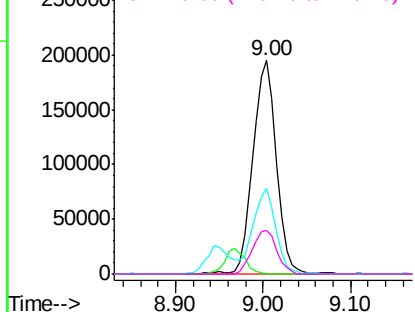
Abundance

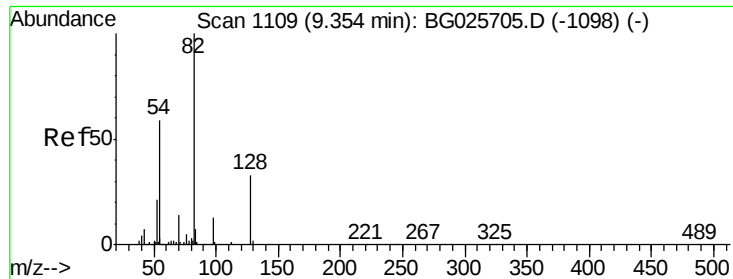
Ion 105.00 (104.70 to 105.70): E

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

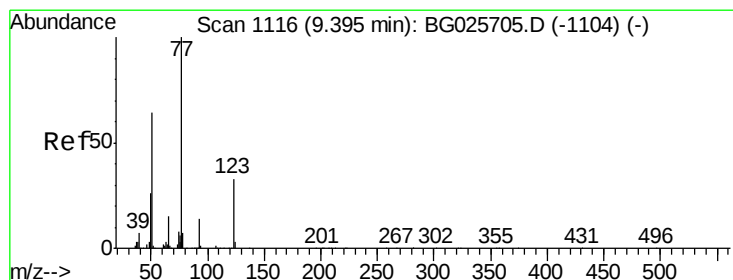
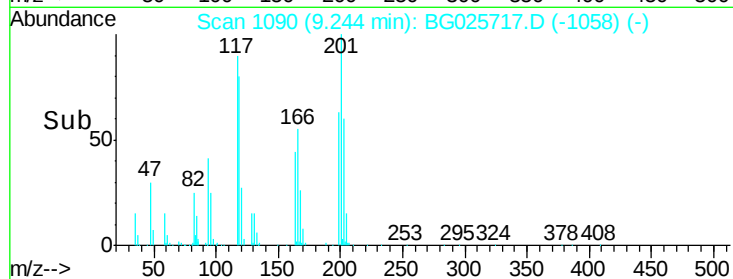
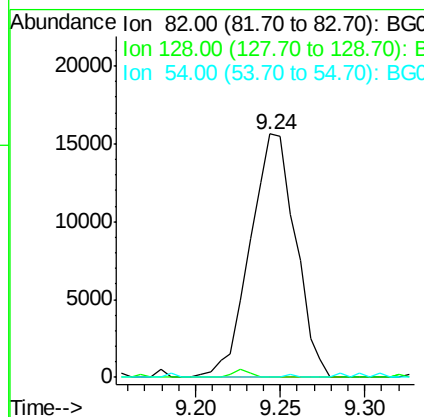
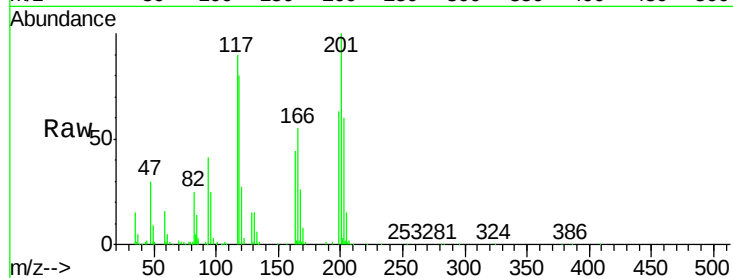




#23
 Nitrobenzene-d5
 Concen: 4.86 ng
 RT: 9.24 min Scan# 1090
 Delta R.T. -0.11 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

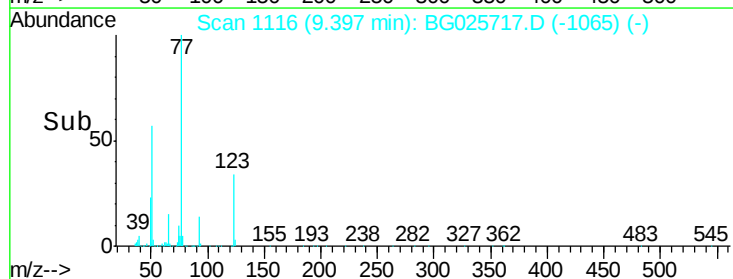
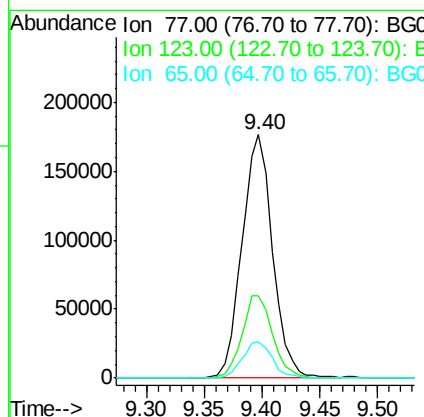
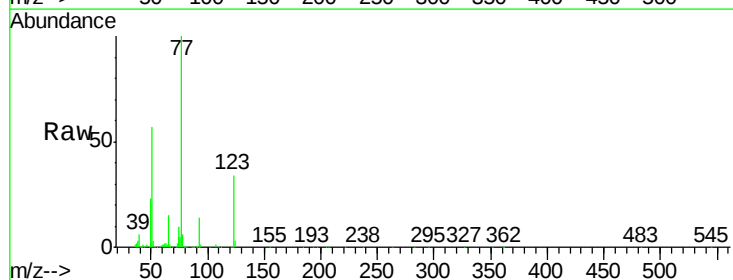
Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

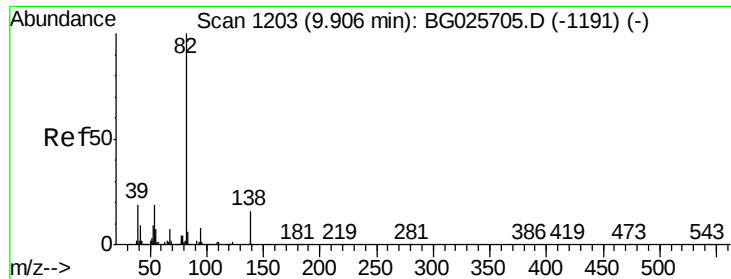
Tgt Ion	Ratio	Lower	Upper
82	100		
128	0.0	26.4	39.6#
54	0.0	49.4	74.2#



#24
 Nitrobenzene
 Concen: 49.70 ng
 RT: 9.40 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.7	26.1	39.1
65	14.9	12.4	18.6





#25

Isophorone

Concen: 50.62 ng

RT: 9.91 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

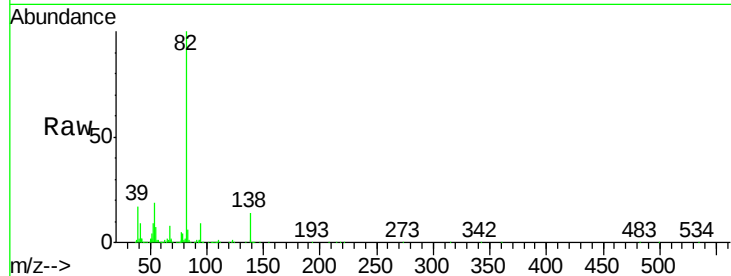
Tgt Ion: 82 Resp: 589241

Ion Ratio Lower Upper

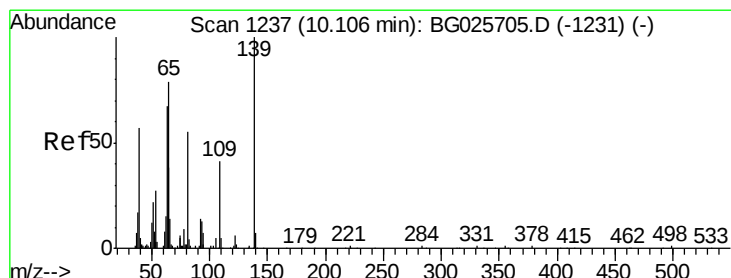
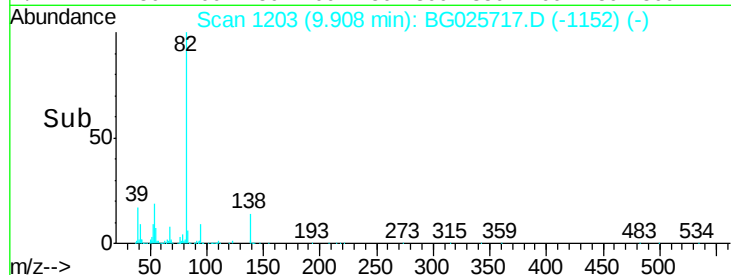
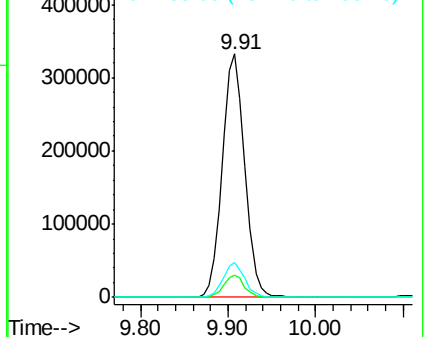
82 100

95 9.2 7.5 11.3

138 14.2 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 57.07 ng

RT: 10.11 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

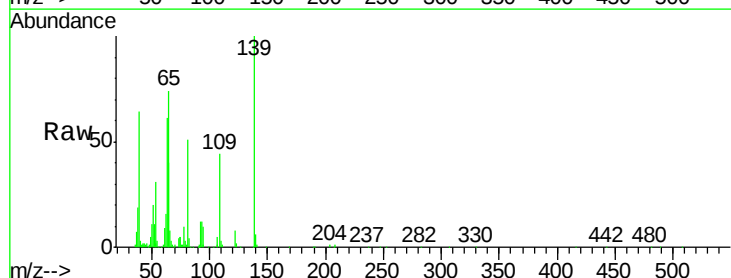
Tgt Ion: 139 Resp: 131891

Ion Ratio Lower Upper

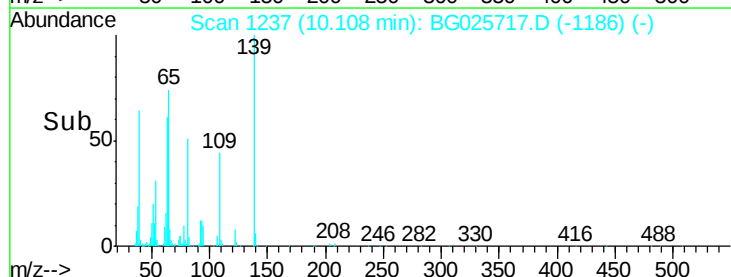
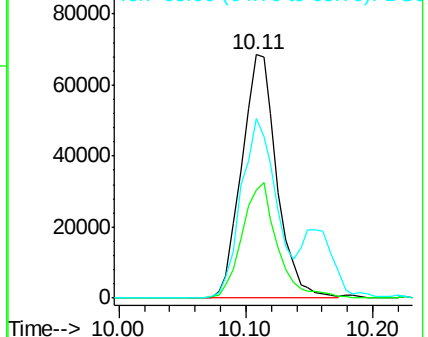
139 100

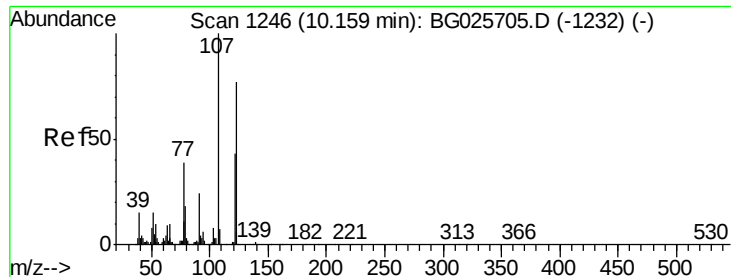
109 44.4 38.6 58.0

65 73.9 57.1 85.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 59.86 ng

RT: 10.15 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

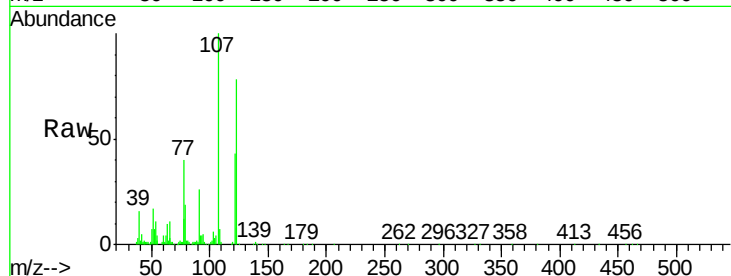
Tgt Ion:122 Resp: 240990

Ion Ratio Lower Upper

122 100

107 128.0 104.2 156.4

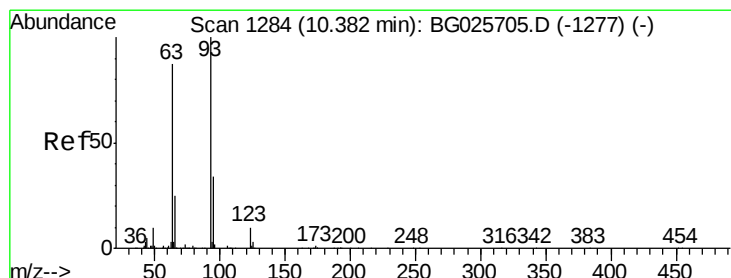
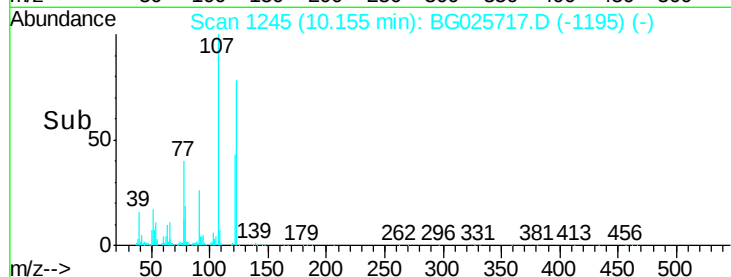
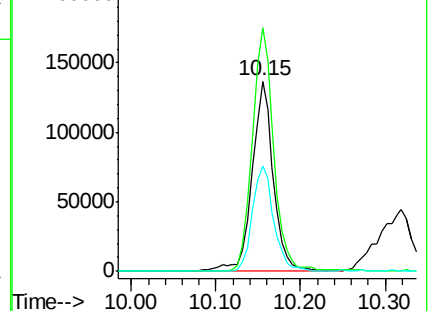
121 55.1 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 52.99 ng

RT: 10.38 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

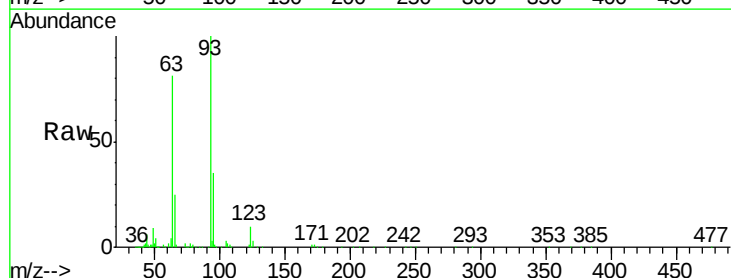
Tgt Ion: 93 Resp: 326477

Ion Ratio Lower Upper

93 100

95 35.2 25.7 38.5

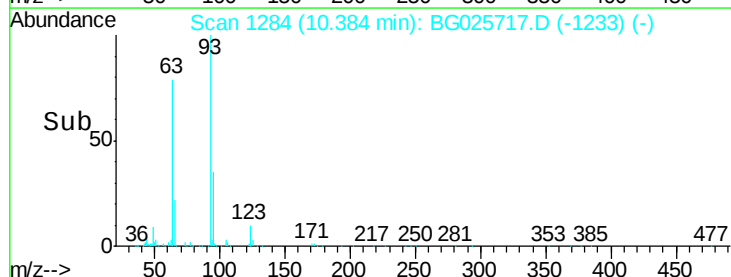
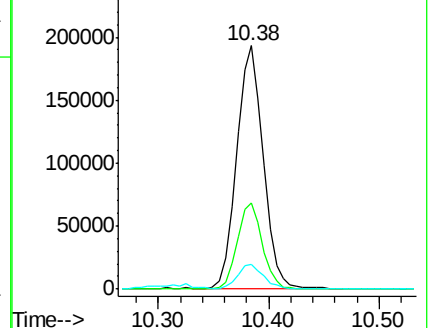
123 10.3 8.3 12.5

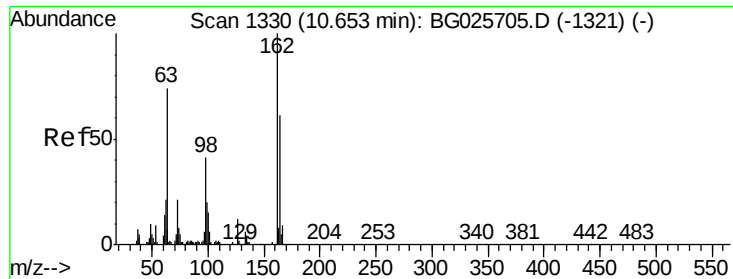


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 58.35 ng

RT: 10.65 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

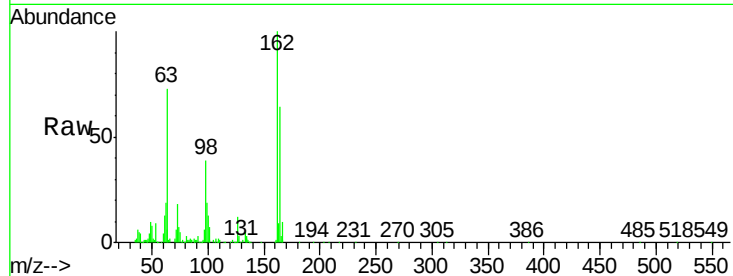
Tgt Ion:162 Resp: 241056

Ion Ratio Lower Upper

162 100

164 63.7 42.4 82.4

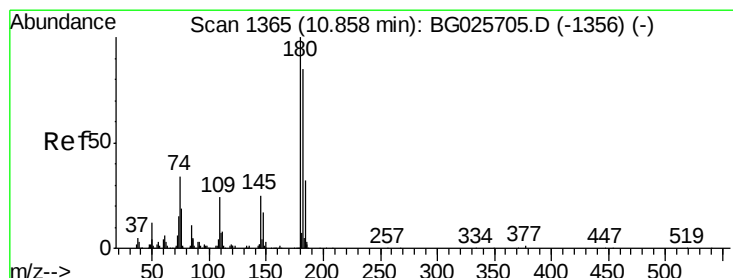
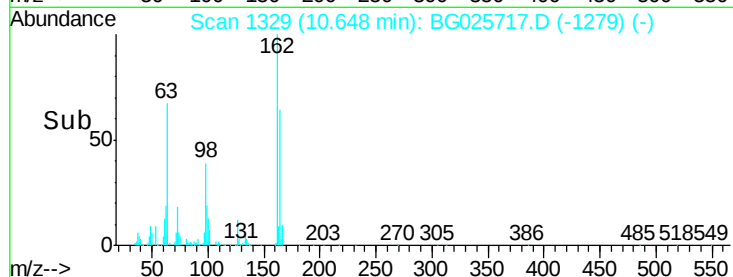
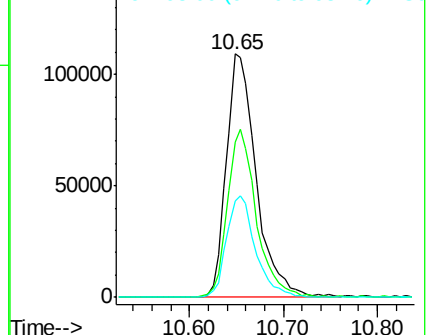
98 39.5 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 53.42 ng

RT: 10.85 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

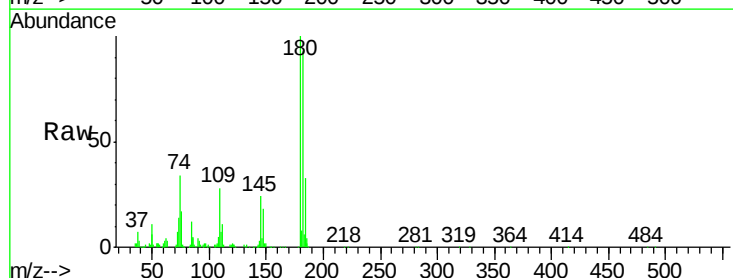
Tgt Ion:180 Resp: 256689

Ion Ratio Lower Upper

180 100

182 92.6 77.0 115.4

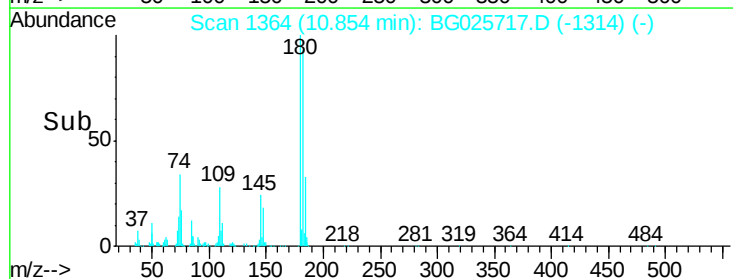
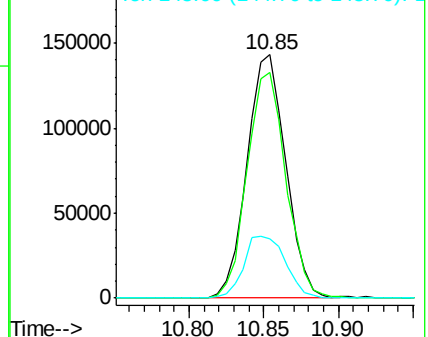
145 24.4 23.4 35.0

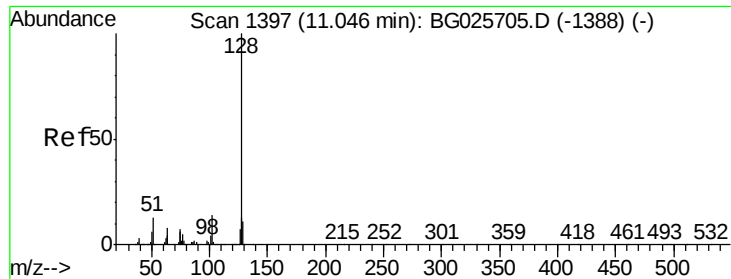


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

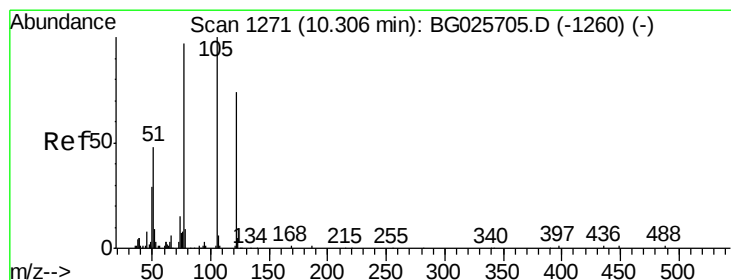
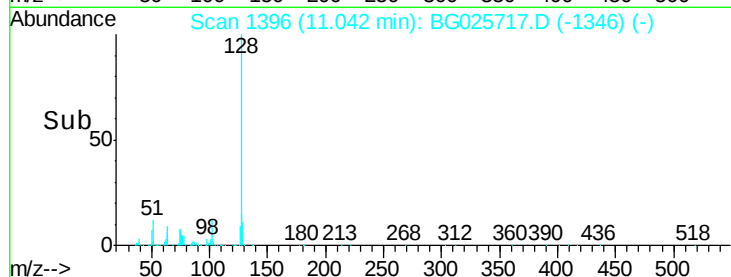
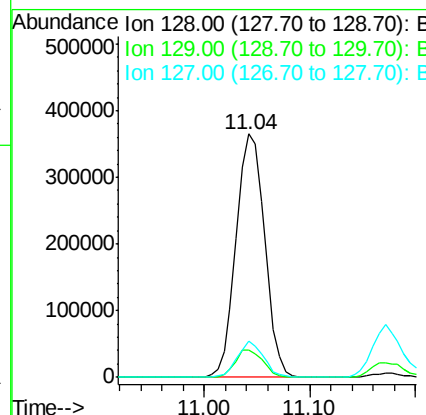
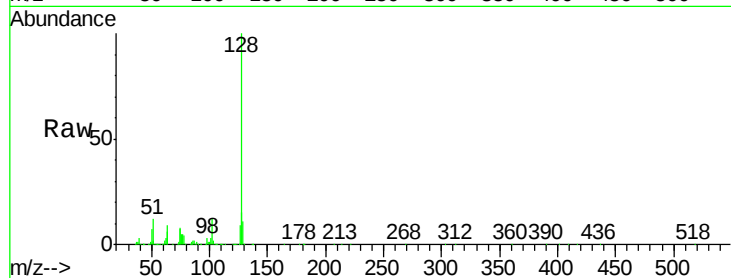




#31
Naphthalene
Concen: 52.04 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

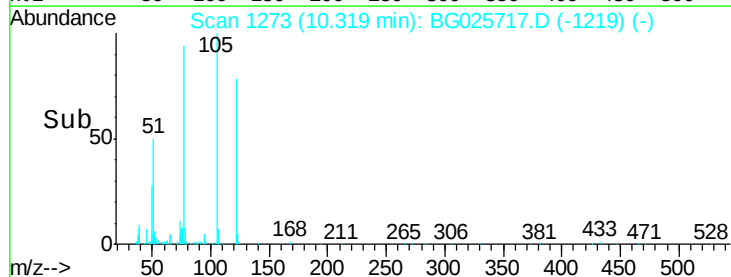
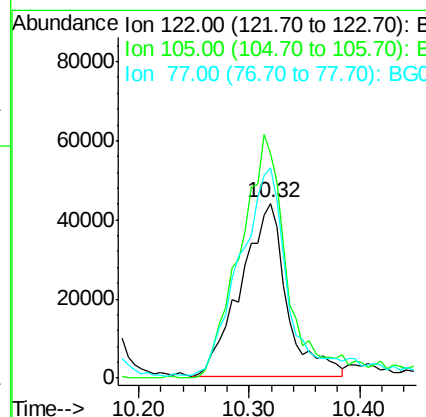
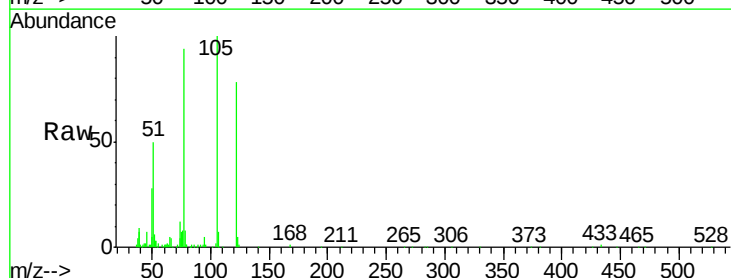
Instrument :
BNA_G
ClientSampleId :
8270SPK

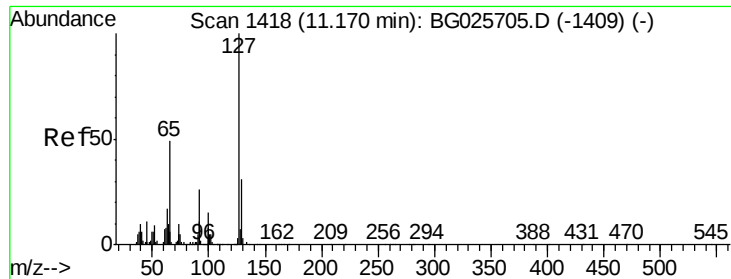
Tgt Ion:128 Resp: 681945
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 14.8 11.4 17.0



#32
Benzoic acid
Concen: 49.13 ng
RT: 10.32 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion:122 Resp: 128547
Ion Ratio Lower Upper
122 100
105 128.4 120.1 160.1
77 120.3 104.6 144.6

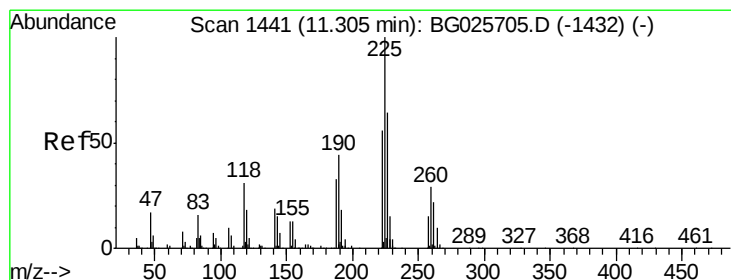
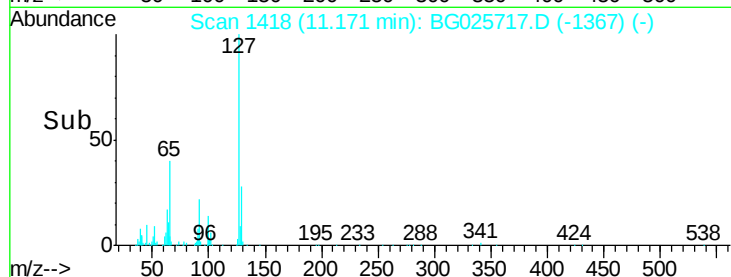
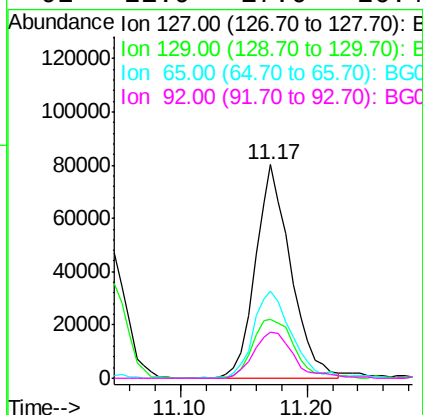
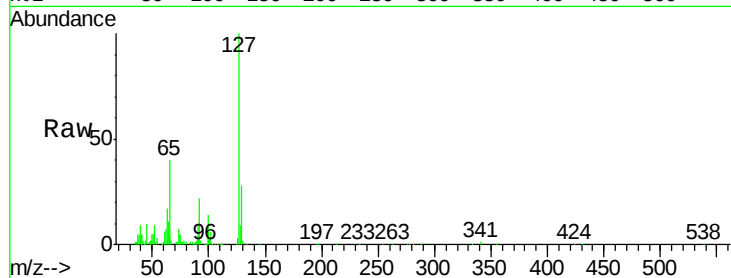




#33
4-Chloroaniline
Concen: 28.57 ng
RT: 11.17 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

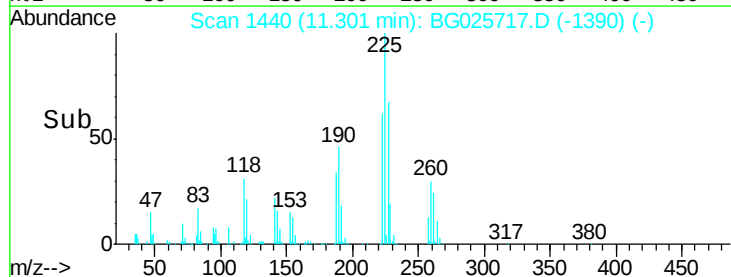
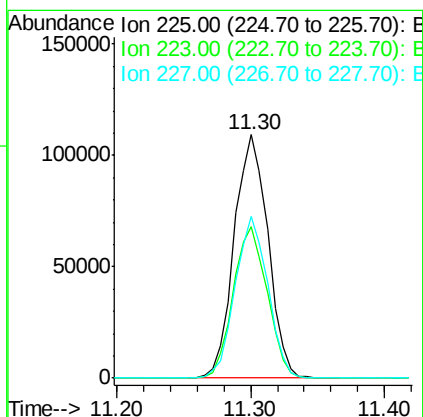
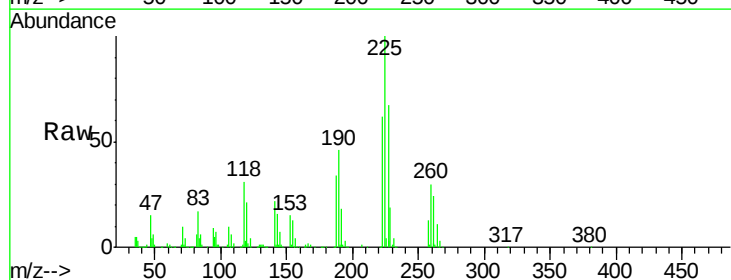
Instrument :
BNA_G
ClientSampleId :
8270SPK

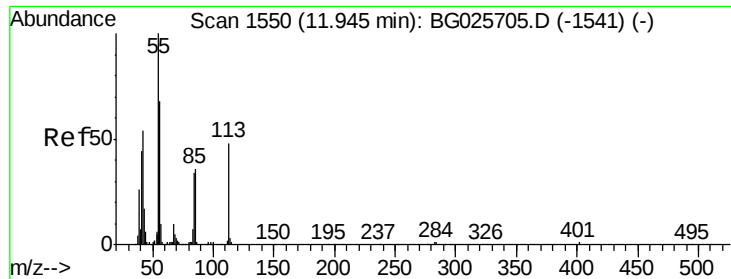
Tgt Ion:	127	Resp:	155604
Ion	Ratio	Lower	Upper
127	100		
129	27.6	23.6	35.4
65	40.5	37.7	56.5
92	21.9	17.6	26.4



#34
Hexachlorobutadiene
Concen: 48.94 ng
RT: 11.30 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion:	225	Resp:	191315
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	66.5	49.0	73.6





#35

Caprolactam

Concen: 24.98 ng

RT: 11.95 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

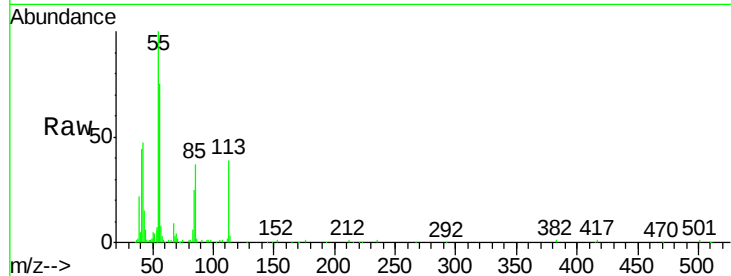
Tgt Ion:113 Resp: 43969

Ion Ratio Lower Upper

113 100

55 258.7 198.6 238.6#

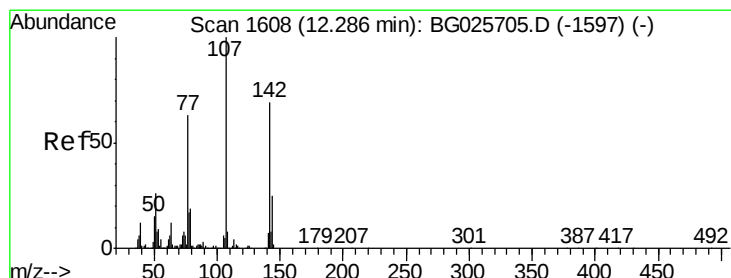
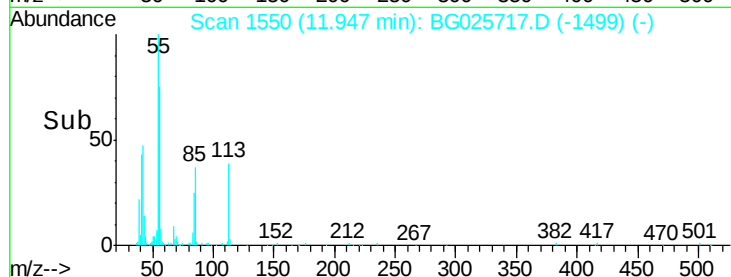
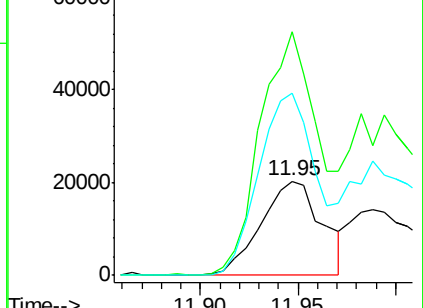
56 194.0 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 56.40 ng

RT: 12.28 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

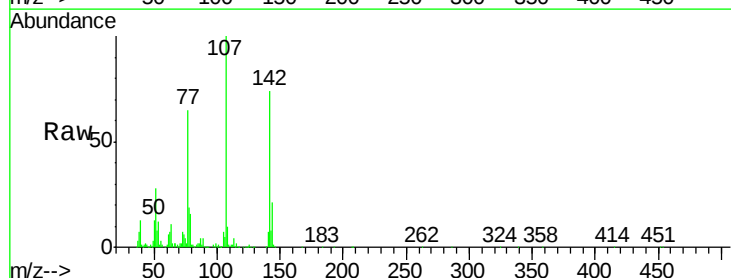
Tgt Ion:107 Resp: 283846

Ion Ratio Lower Upper

107 100

144 21.2 17.4 26.0

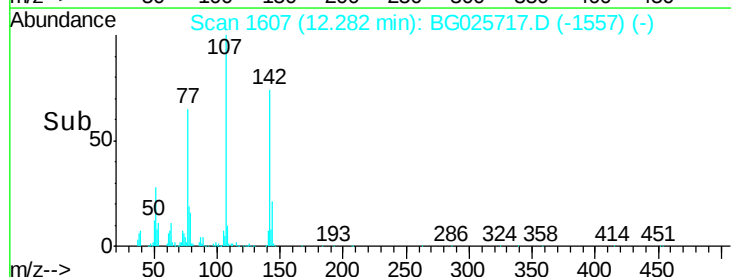
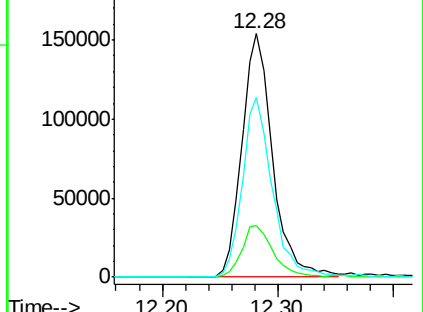
142 73.6 54.1 81.1

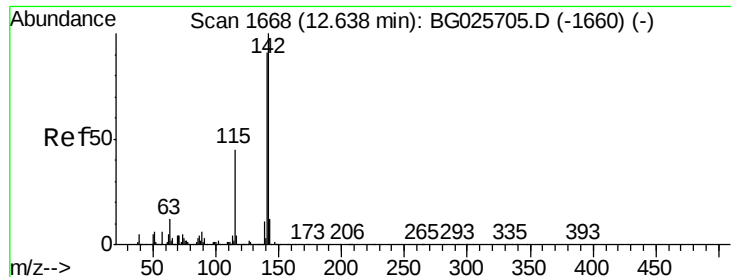


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.51 ng

RT: 12.64 min Scan# 1668

Delta R.T. 0.00 min

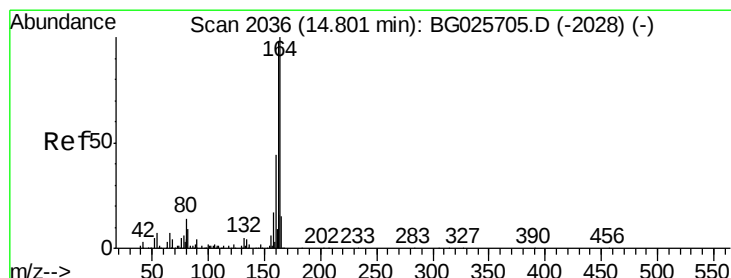
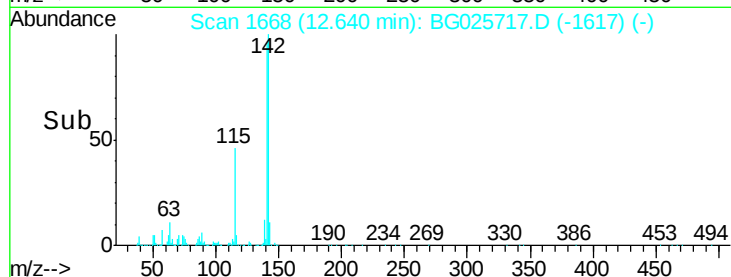
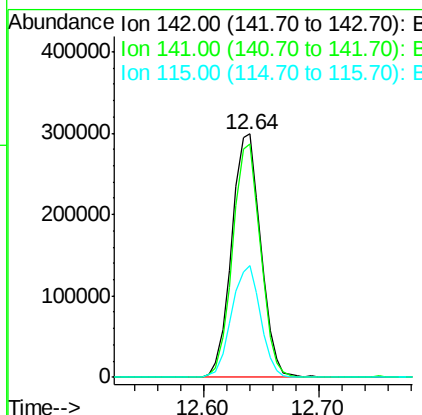
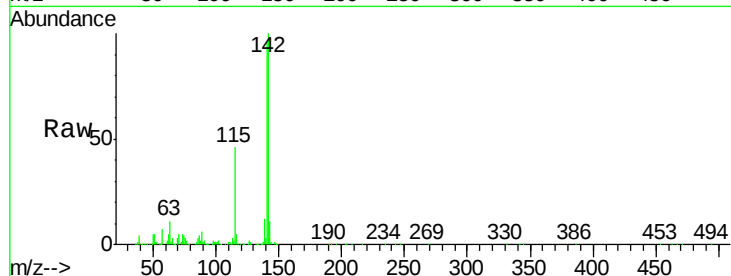
Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tgt Ion:142 Resp: 521102

Ion	Ratio	Lower	Upper
142	100		
141	95.7	70.4	105.6
115	45.8	35.5	53.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

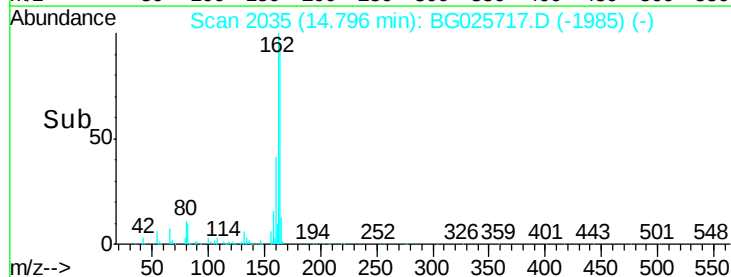
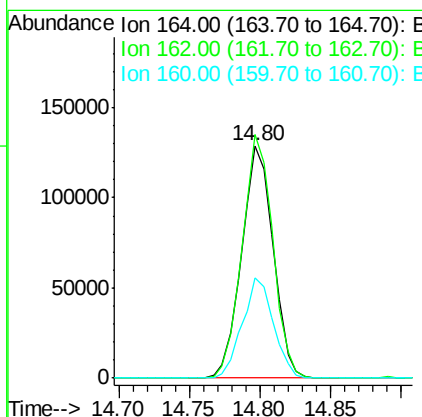
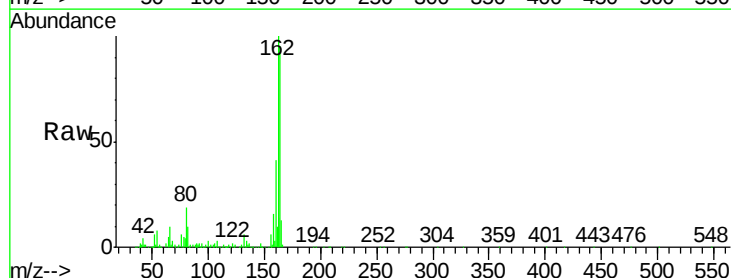
Delta R.T. -0.00 min

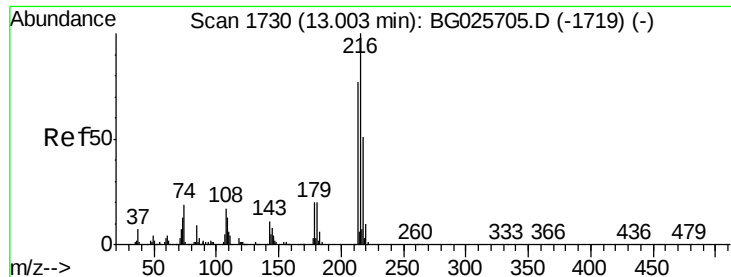
Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion:164 Resp: 200924

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.1	127.7
160	43.1	34.7	52.1

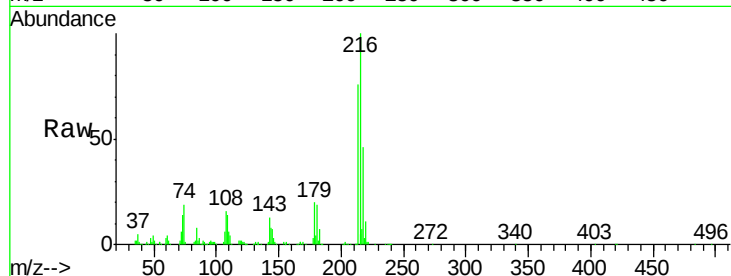




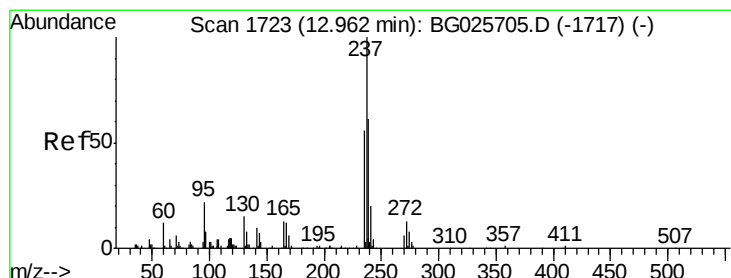
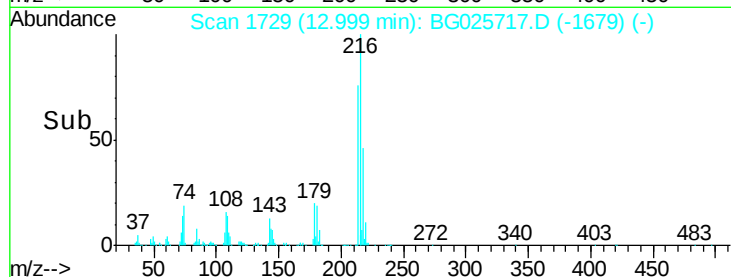
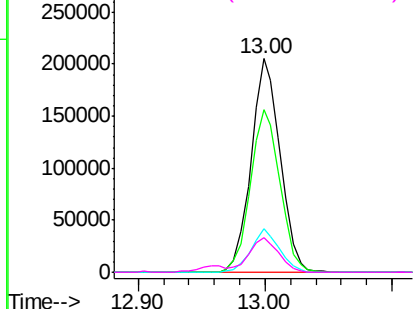
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.52 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

Tgt Ion:	216	Resp:	326492
Ion	Ratio	Lower	Upper
216	100		
214	77.6	64.4	96.6
179	20.0	17.4	26.0
108	16.6	15.6	23.4

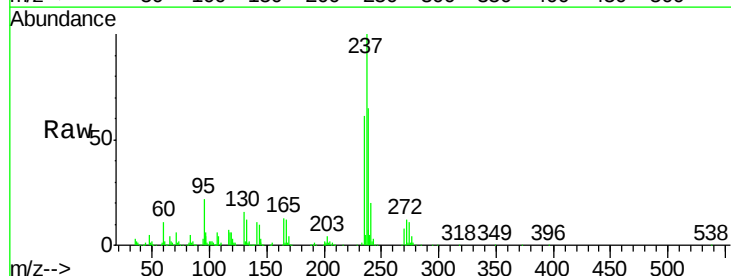


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

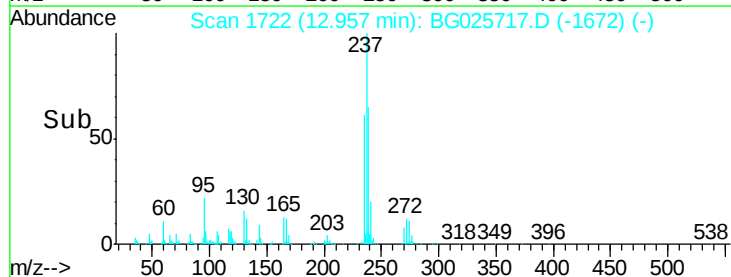
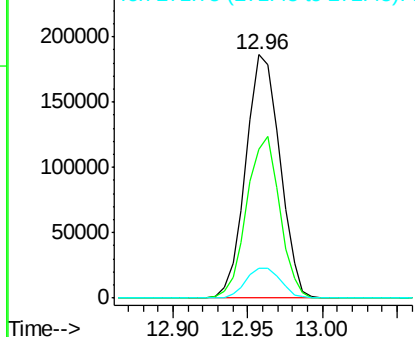


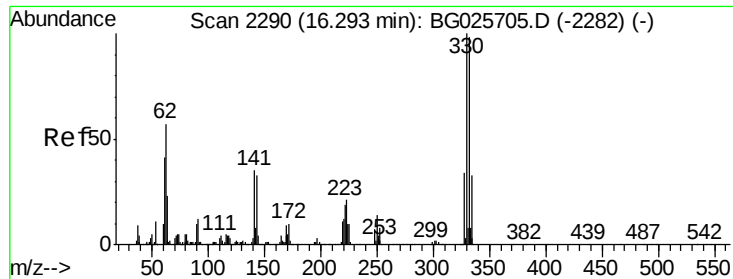
#40
 Hexachlorocyclopentadiene
 Concen: 108.82 ng
 RT: 12.96 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion:	237	Resp:	294416
Ion	Ratio	Lower	Upper
237	100		
235	61.3	39.4	79.4
272	12.2	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

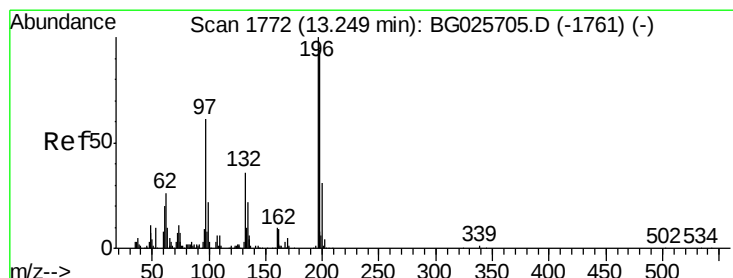
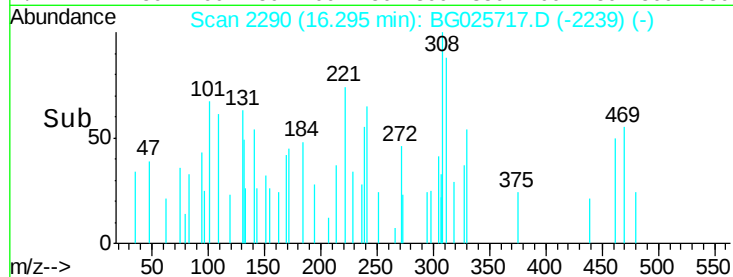
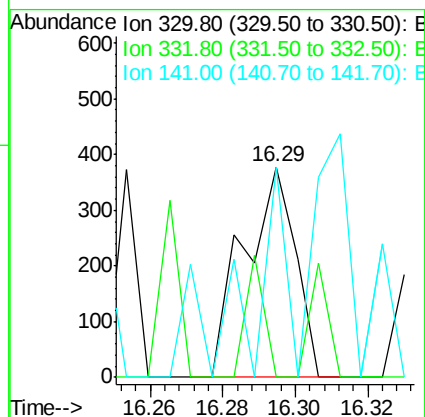
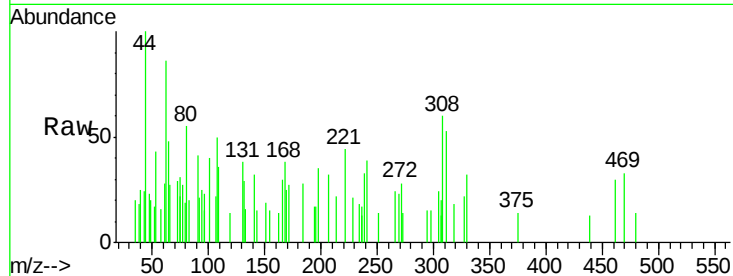




#41
 2,4,6-Tribromophenol
 Concen: 0.13 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

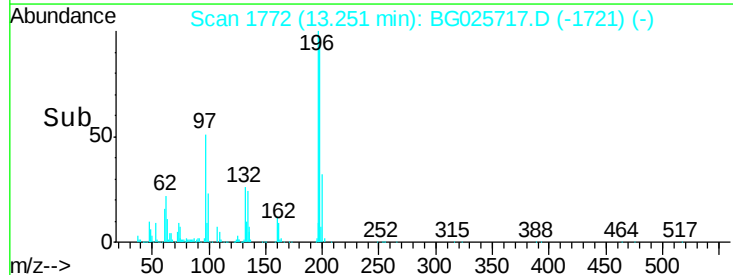
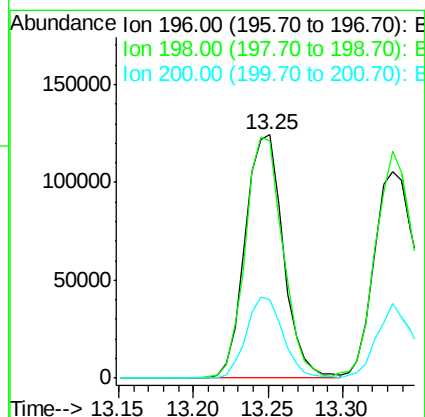
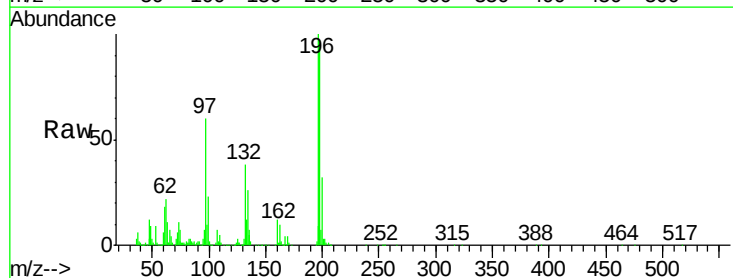
Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

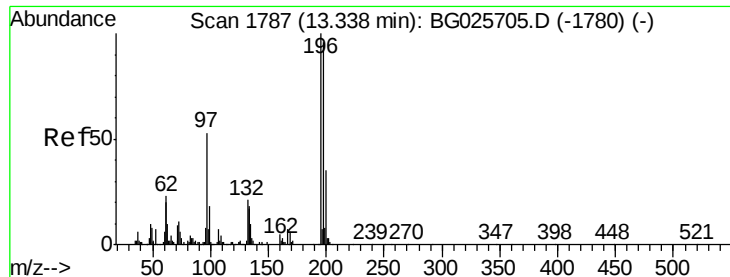
Tgt Ion: 330 Resp: 371
 Ion Ratio Lower Upper
 330 100
 332 21.0 77.3 115.9#
 141 0.0 32.1 48.1#



#42
 2,4,6-Trichlorophenol
 Concen: 55.55 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion: 196 Resp: 218832
 Ion Ratio Lower Upper
 196 100
 198 97.4 81.4 122.2
 200 32.1 27.0 40.6

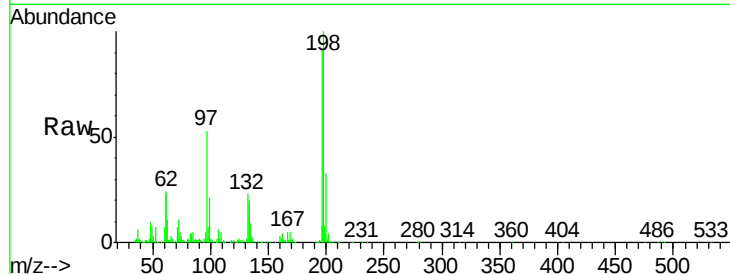




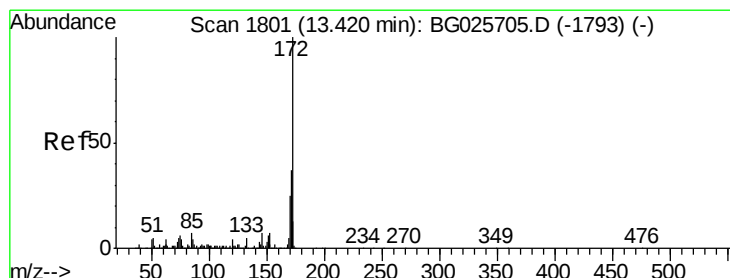
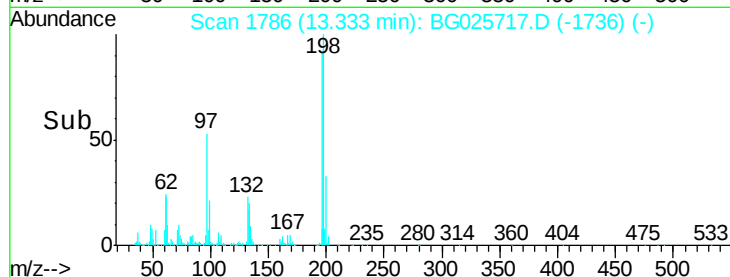
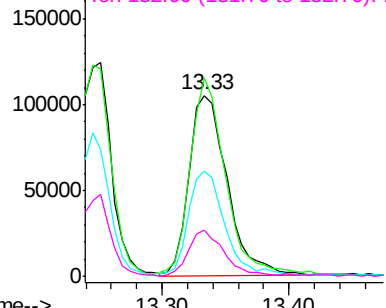
#43
2,4,5-Trichlorophenol
Concen: 51.76 ng
RT: 13.33 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tgt Ion:	196	Resp:	220108
Ion	Ratio	Lower	Upper
196	100		
198	110.0	79.9	119.9
97	57.9	45.4	68.0
132	25.7	20.7	31.1

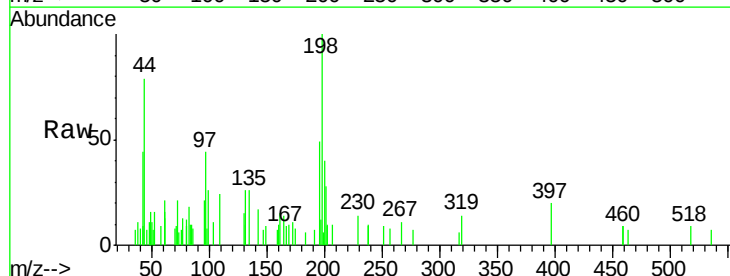


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

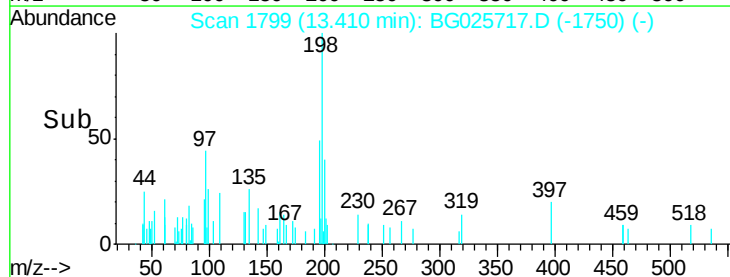
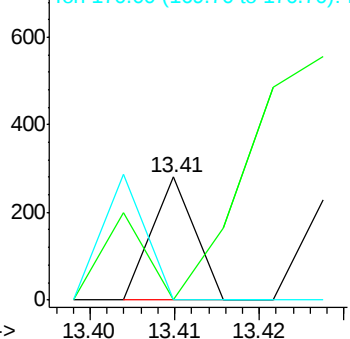


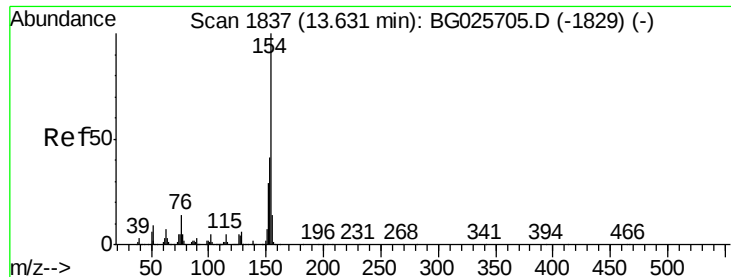
#44
2-Fluorobiphenyl
Concen: 0.01 ng
RT: 13.41 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion:	172	Resp:	99
Ion	Ratio	Lower	Upper
172	100		
171	0.0	32.2	48.2#
170	0.0	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: 51.19 ng

RT: 13.63 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

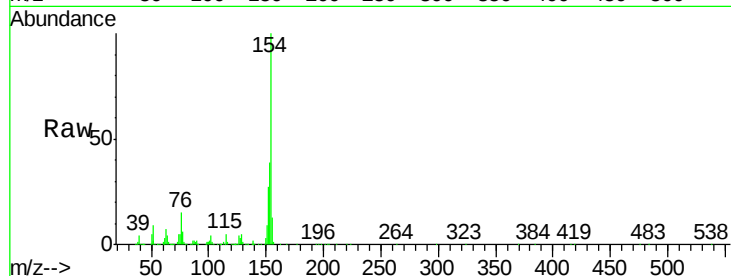
Tgt Ion:154 Resp: 715490

Ion Ratio Lower Upper

154 100

153 38.5 23.0 63.0

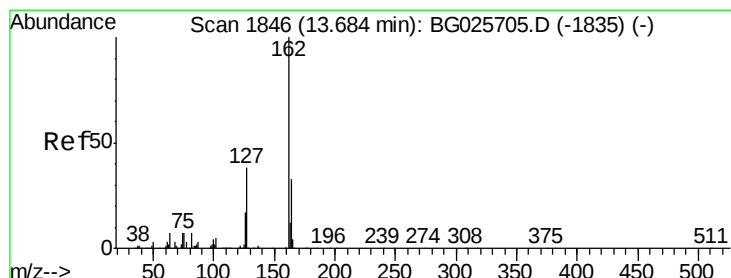
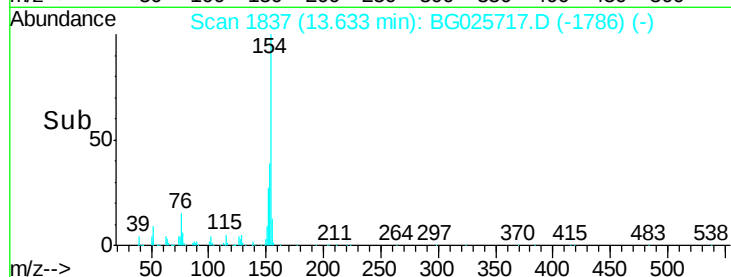
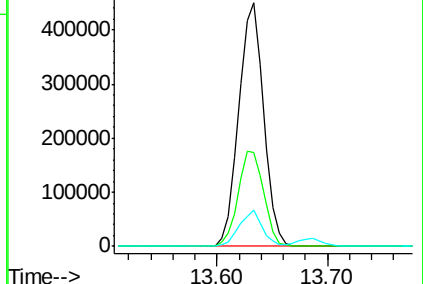
76 14.8 0.0 33.5



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: 51.28 ng

RT: 13.69 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

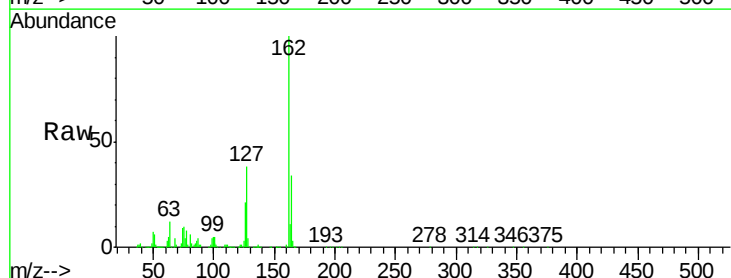
Tgt Ion:162 Resp: 562893

Ion Ratio Lower Upper

162 100

127 38.4 32.2 48.4

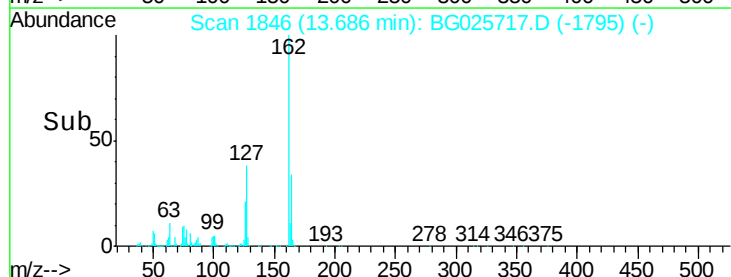
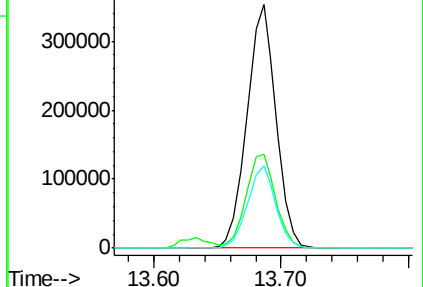
164 34.1 27.3 40.9

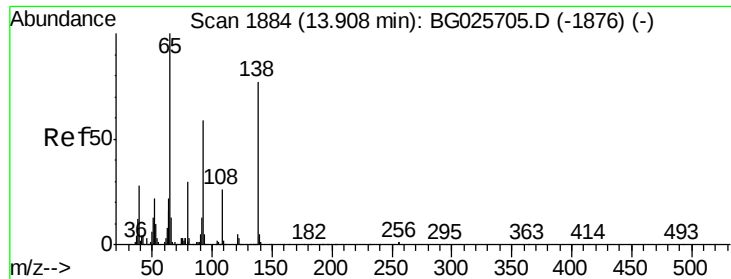


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.46 ng

RT: 13.90 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

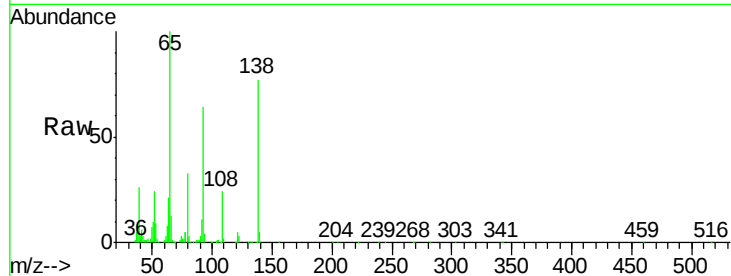
Tgt Ion: 65 Resp: 243107

Ion Ratio Lower Upper

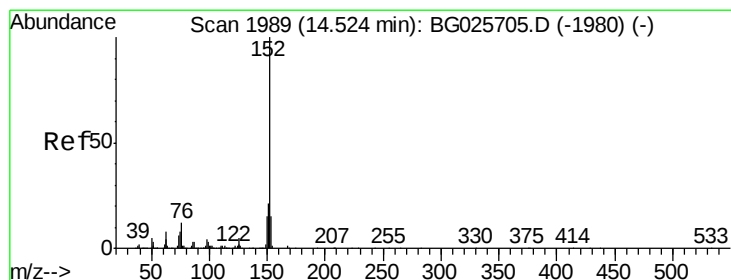
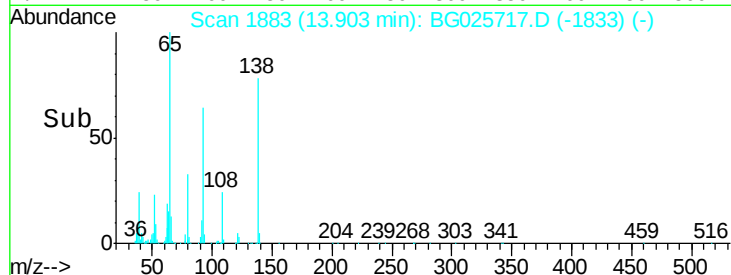
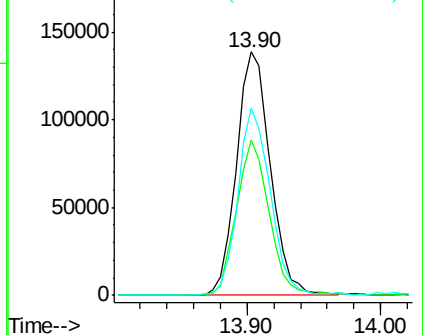
65 100

92 63.8 49.0 73.4

138 77.0 58.6 87.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 48.00 ng

RT: 14.53 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

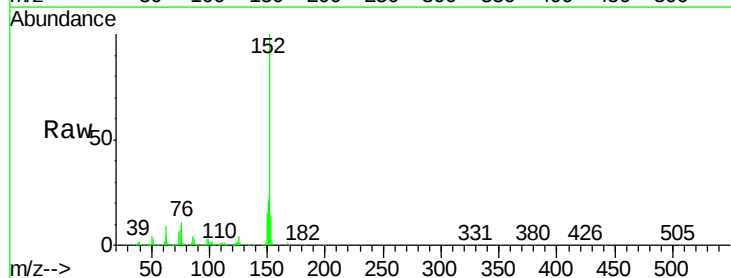
Tgt Ion: 152 Resp: 876523

Ion Ratio Lower Upper

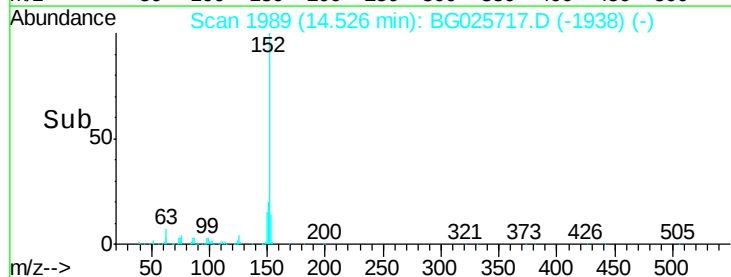
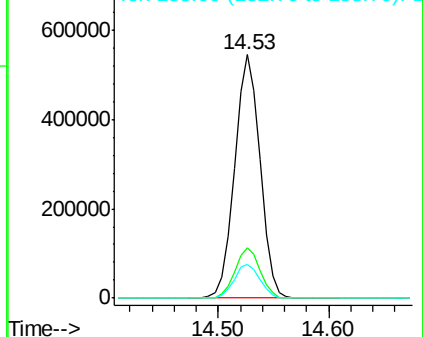
152 100

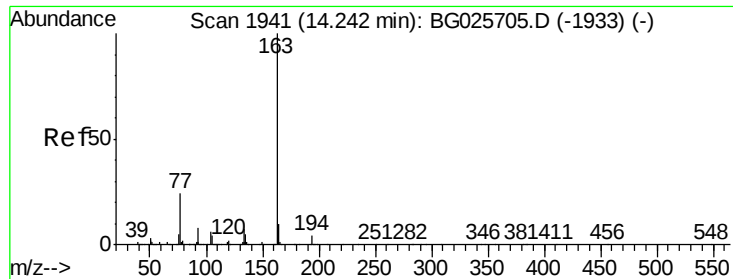
151 20.5 18.2 27.2

153 14.0 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

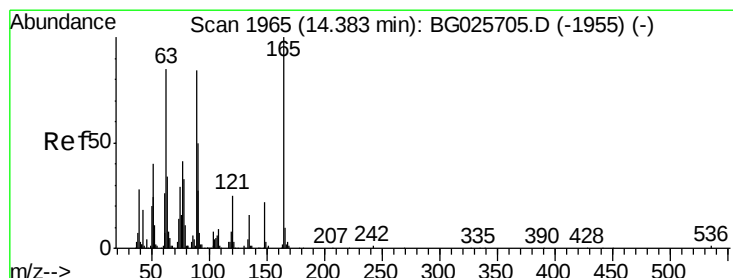
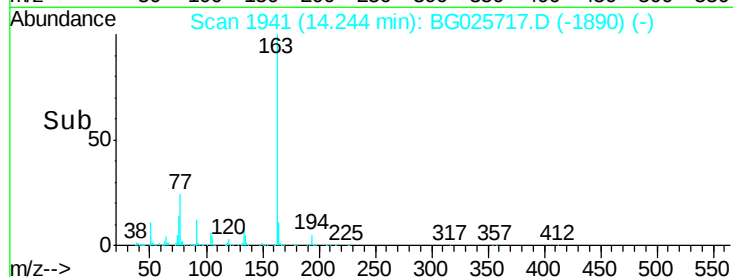
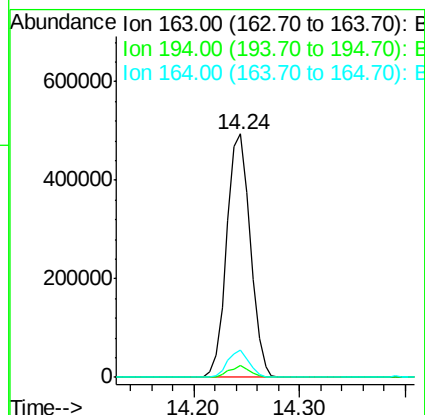
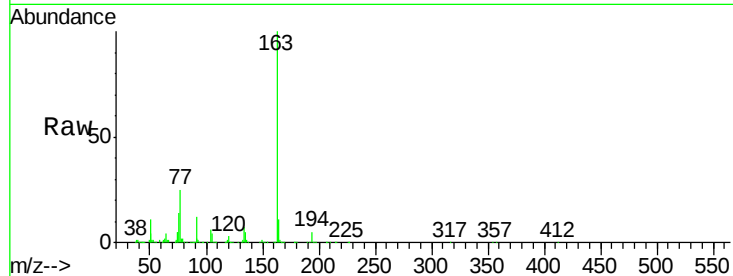




#49
Dimethylphthalate
Concen: 50.43 ng
RT: 14.24 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

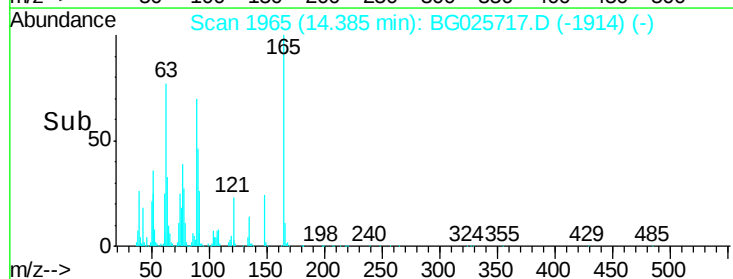
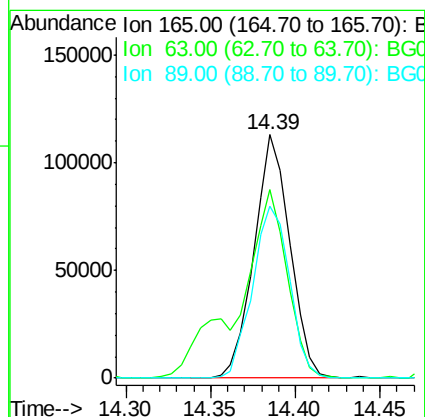
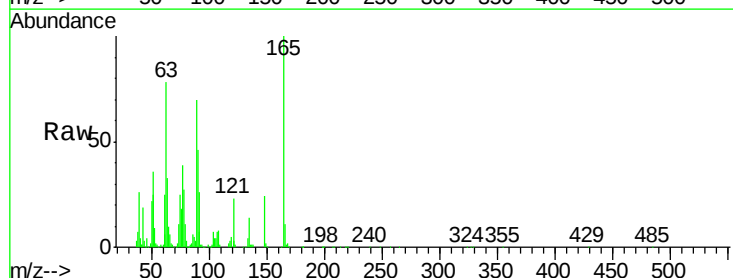
Instrument :
BNA_G
ClientSampleId :
8270SPK

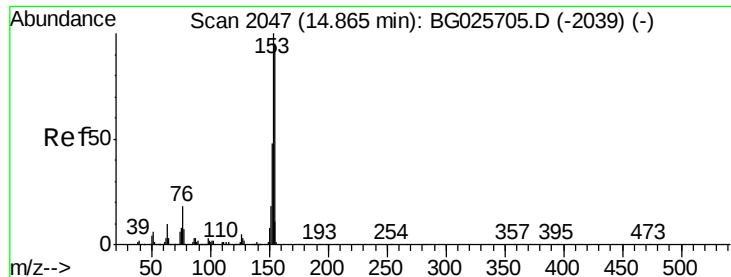
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.6
164	11.4	9.3	13.9



#50
2,6-Dinitrotoluene
Concen: 48.64 ng
RT: 14.39 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	77.6	63.9	95.9
89	70.4	58.6	88.0





#51

Acenaphthene

Concen: 49.37 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

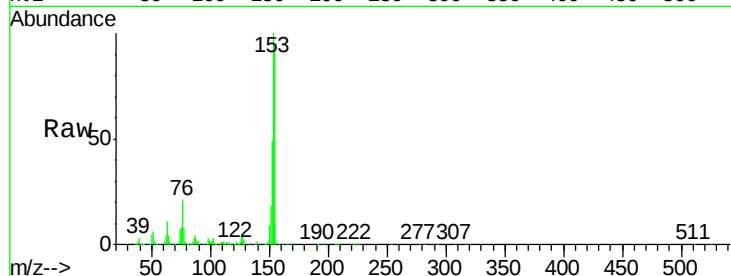
Tgt Ion:154 Resp: 557117

Ion Ratio Lower Upper

154 100

153 106.9 87.8 131.6

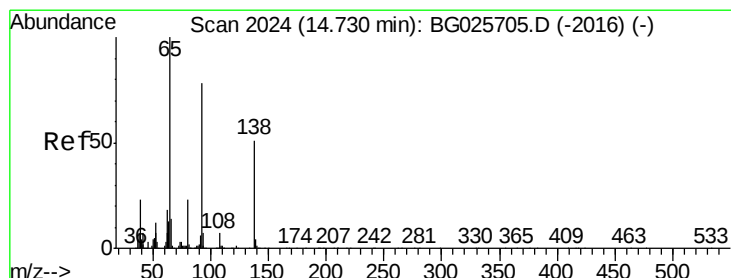
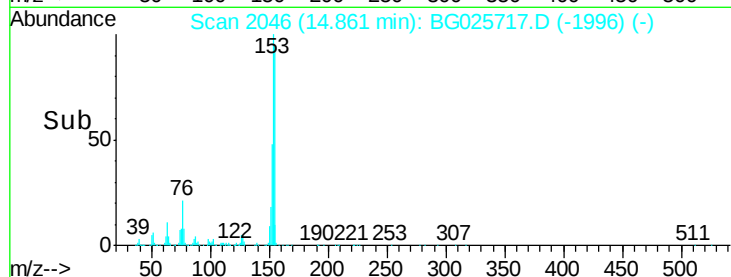
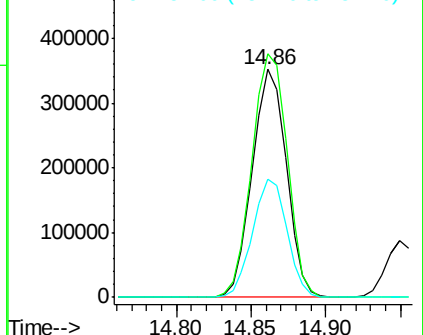
152 52.0 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.89 ng

RT: 14.73 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

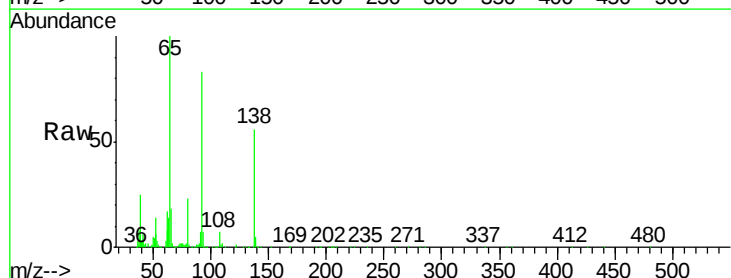
Tgt Ion:138 Resp: 109487

Ion Ratio Lower Upper

138 100

108 12.4 10.9 16.3

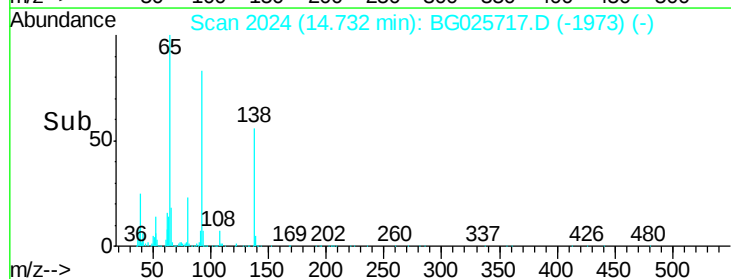
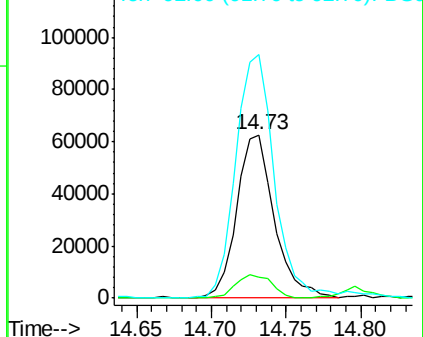
92 149.0 115.3 172.9

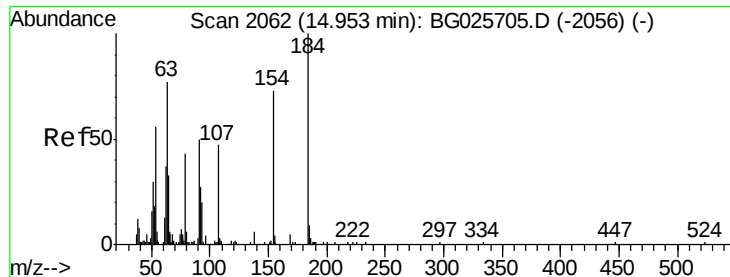


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

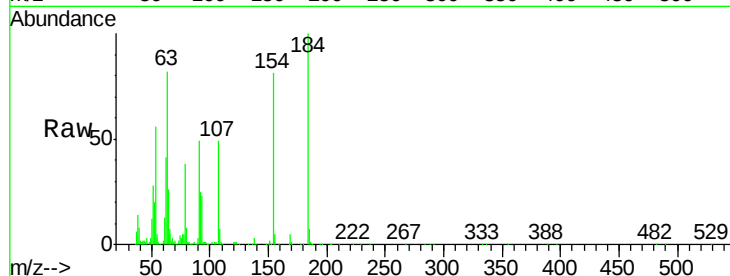




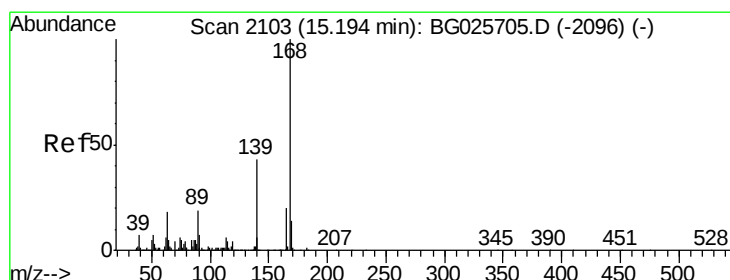
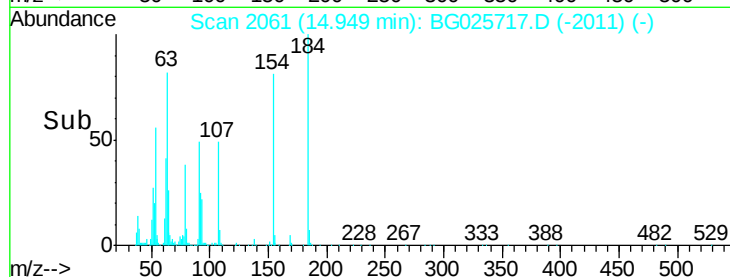
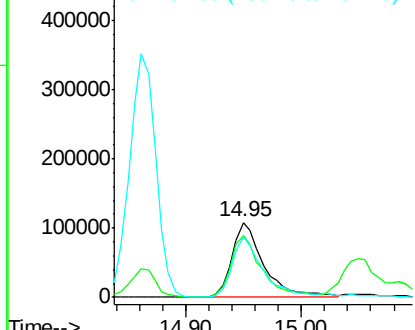
#53
2,4-Dinitrophenol
Concen: 98.12 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tgt Ion:184 Resp: 206110
Ion Ratio Lower Upper
184 100
63 82.1 52.7 79.1#
154 80.6 57.3 85.9

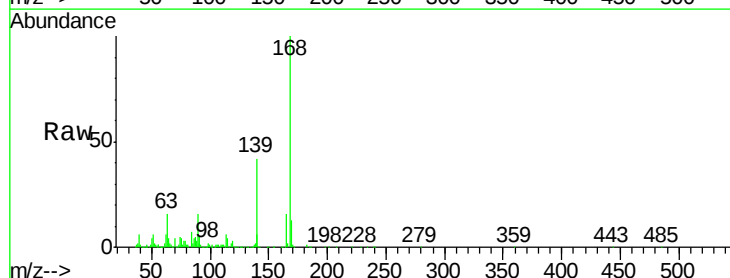


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

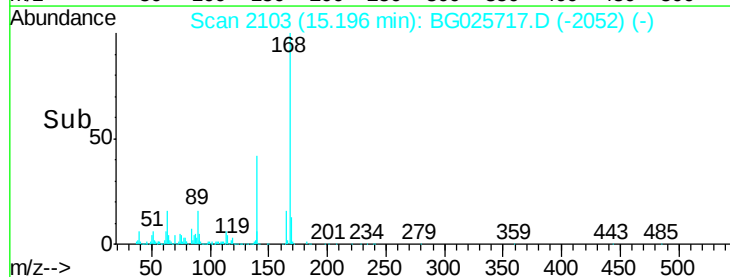
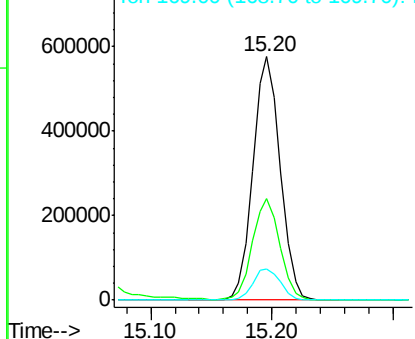


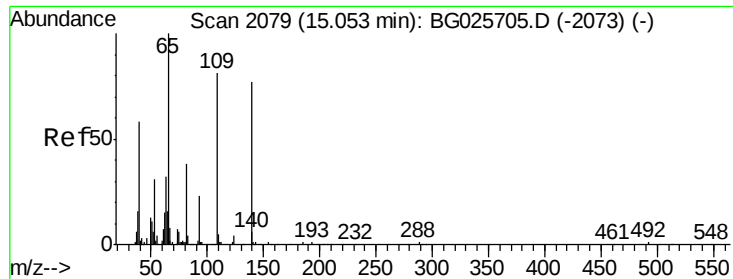
#54
Dibenzofuran
Concen: 52.91 ng
RT: 15.20 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion:168 Resp: 902009
Ion Ratio Lower Upper
168 100
139 41.8 35.3 52.9
169 13.0 11.5 17.3



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

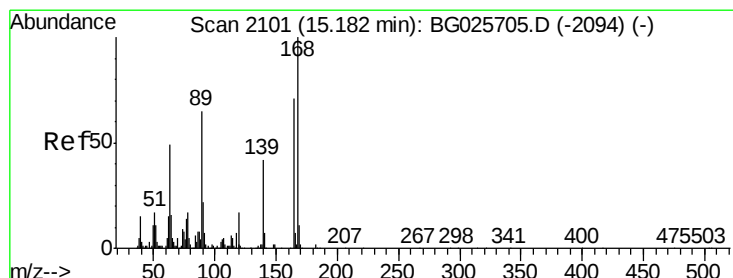
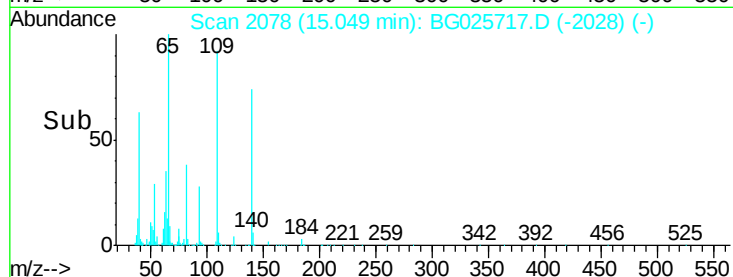
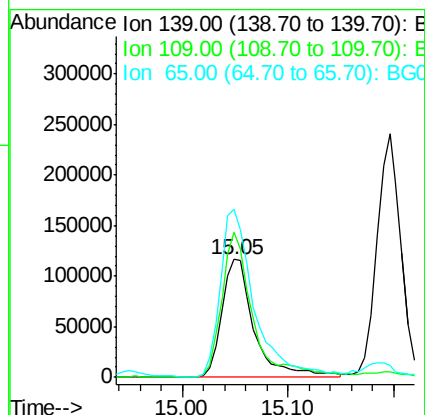
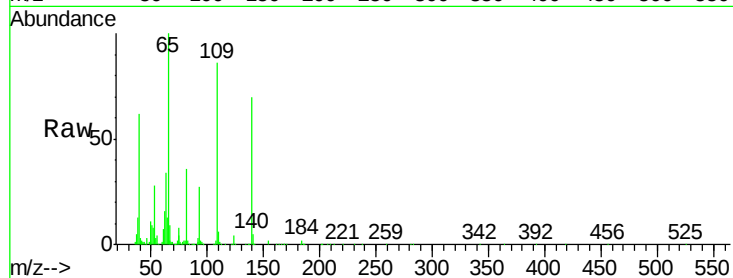




#55
4-Nitrophenol
Concen: 97.74 ng
RT: 15.05 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

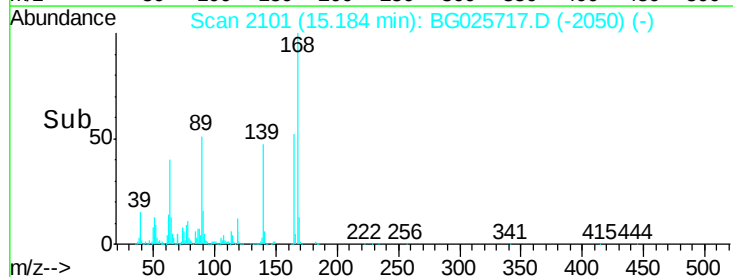
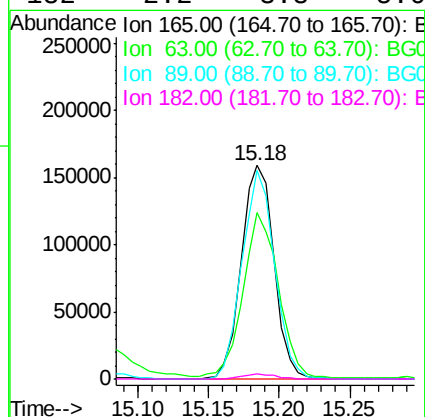
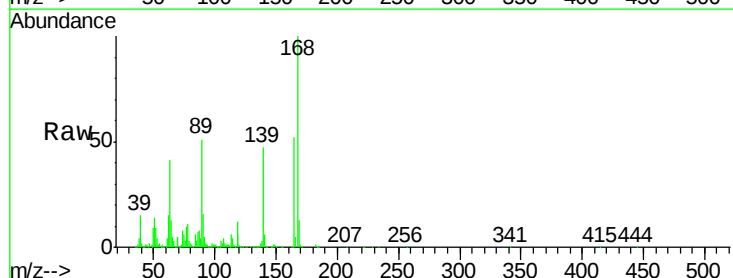
Instrument :
BNA_G
ClientSampleId :
8270SPK

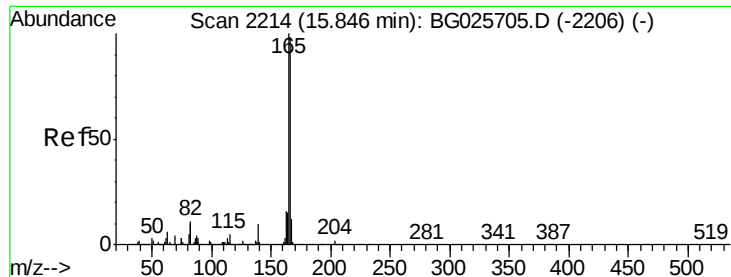
Tgt Ion:139 Resp: 247484
Ion Ratio Lower Upper
139 100
109 122.8 101.2 141.2
65 142.6 135.3 175.3



#56
2,4-Dinitrotoluene
Concen: 51.17 ng
RT: 15.18 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion:165 Resp: 256537
Ion Ratio Lower Upper
165 100
63 78.1 44.0 66.0#
89 97.9 67.3 100.9
182 2.2 3.8 5.6#

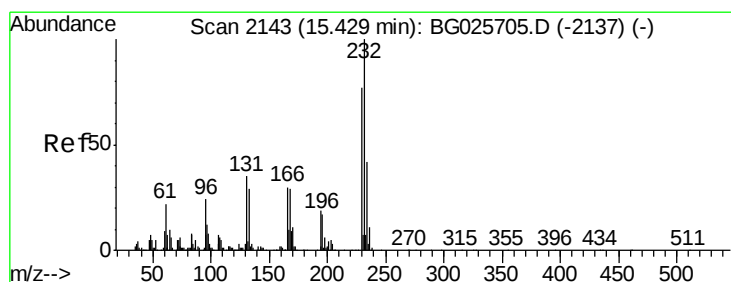
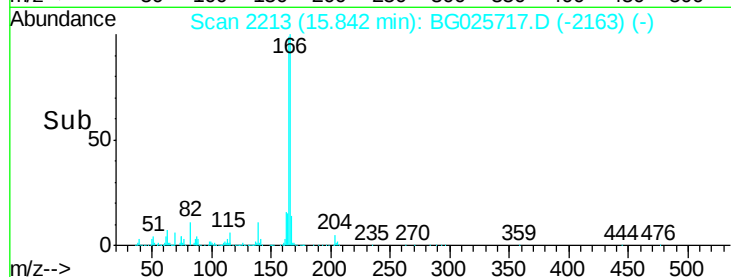
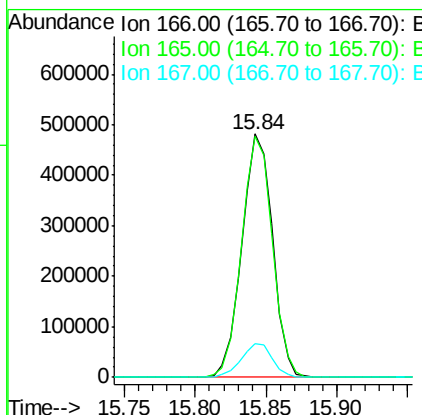
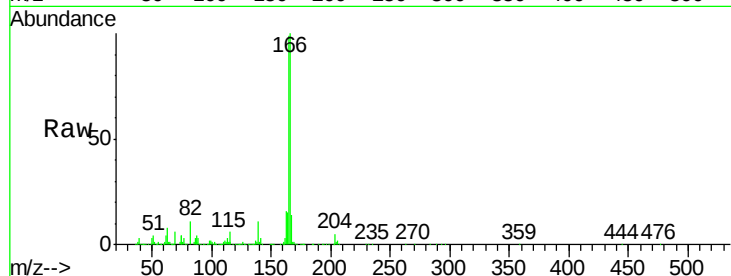




#57
 Fluorene
 Concen: 48.39 ng
 RT: 15.84 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

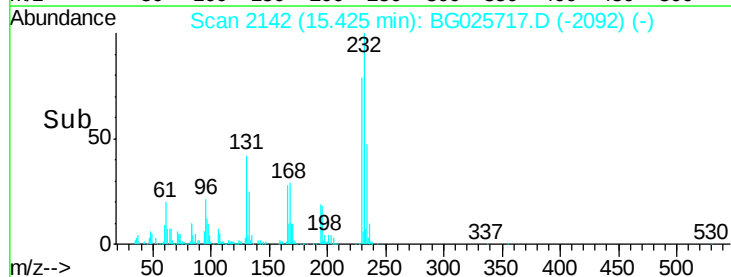
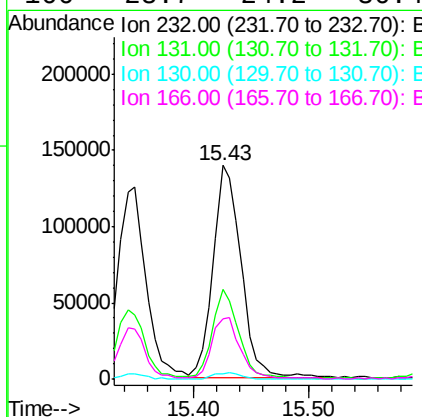
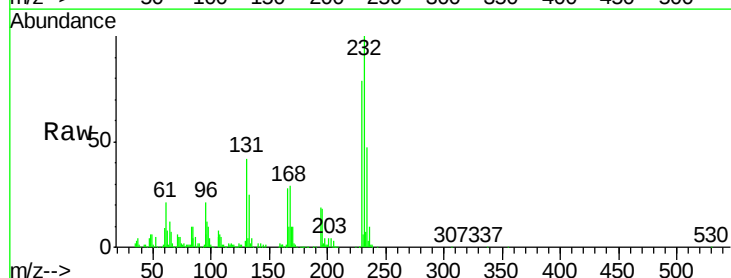
Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

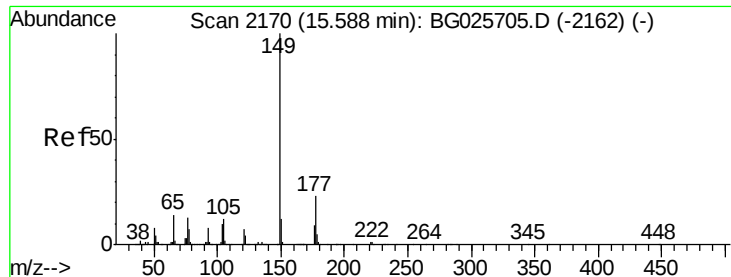
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	117.8
167	13.9	11.6	17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.30 ng
 RT: 15.43 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.5	34.9	52.3
130	2.9	2.3	3.5
166	28.7	24.2	36.4

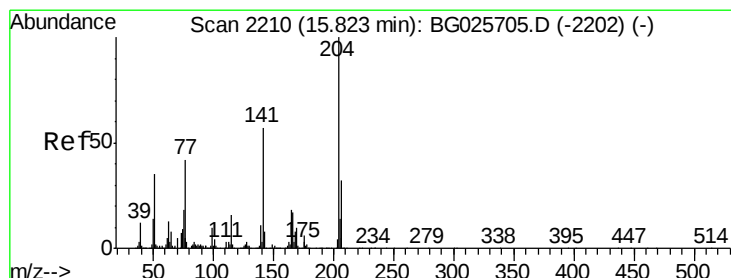
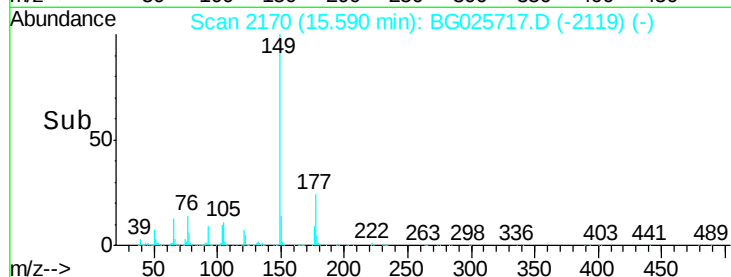
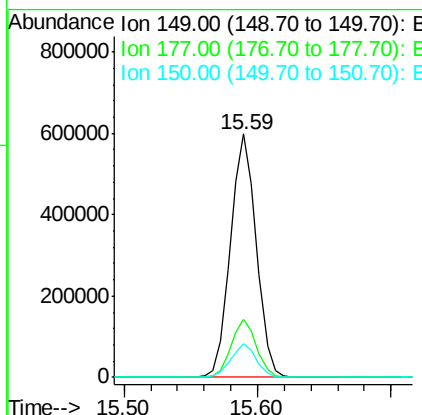
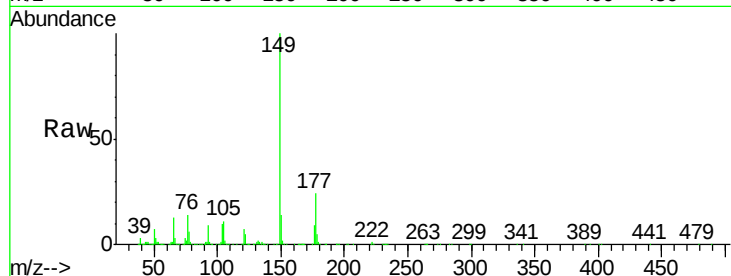




#59
Diethylphthalate
Concen: 50.26 ng
RT: 15.59 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

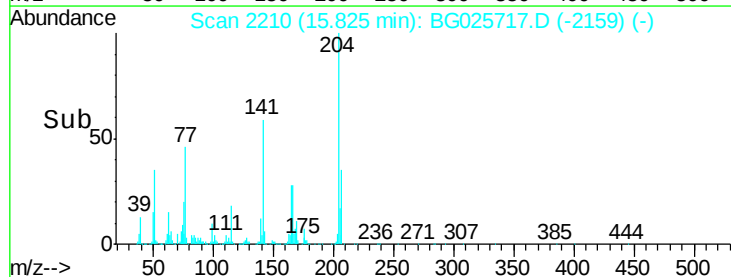
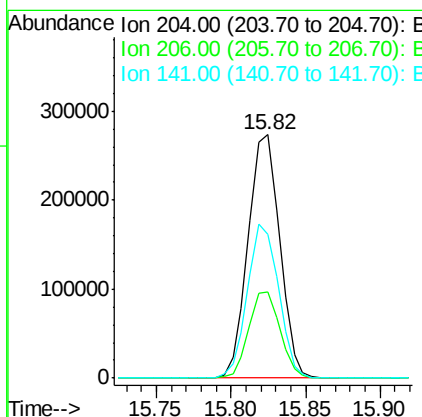
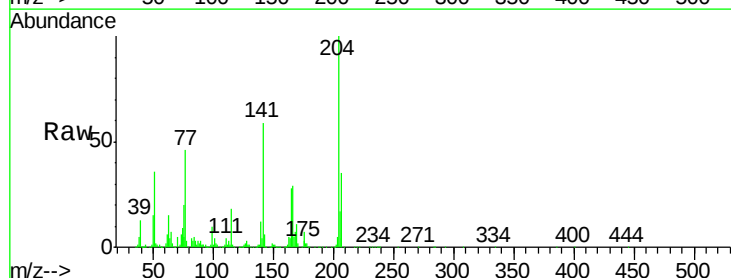
Instrument :
BNA_G
ClientSampleId :
8270SPK

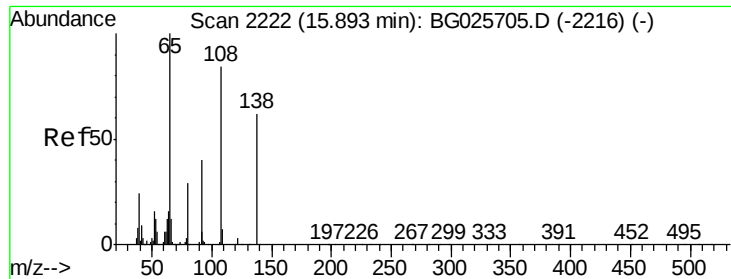
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	20.1	30.1
150	13.7	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 48.86 ng
RT: 15.82 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.2	30.1	45.1
141	59.3	50.6	76.0

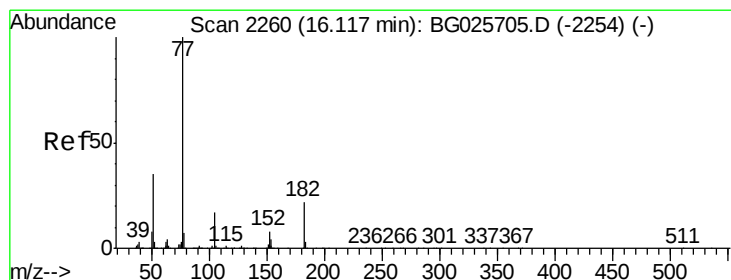
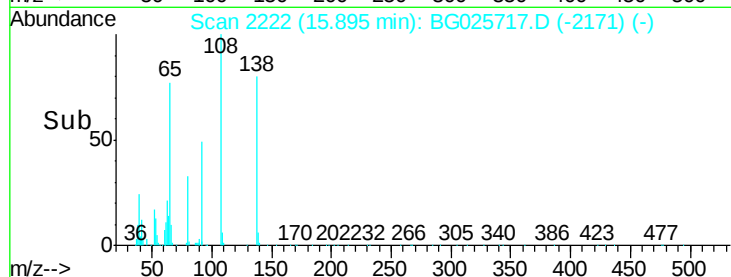
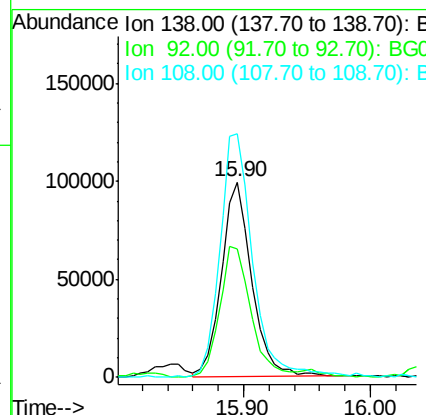
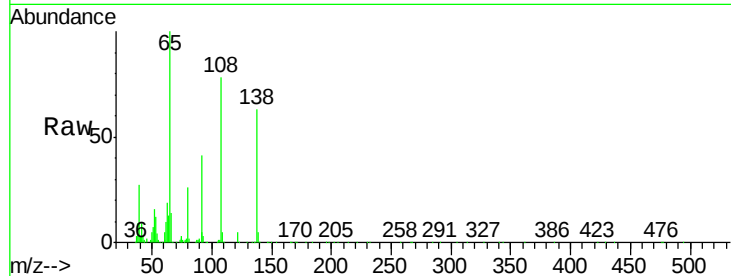




#61
4-Nitroaniline
Concen: 50.94 ng
RT: 15.90 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

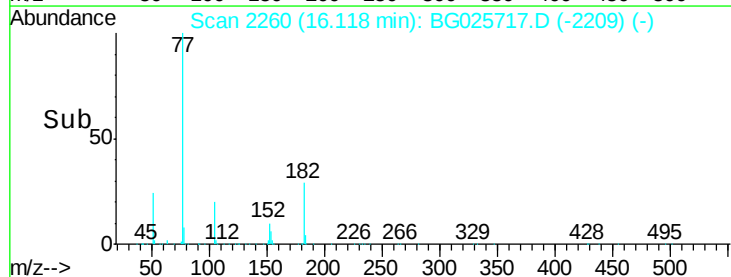
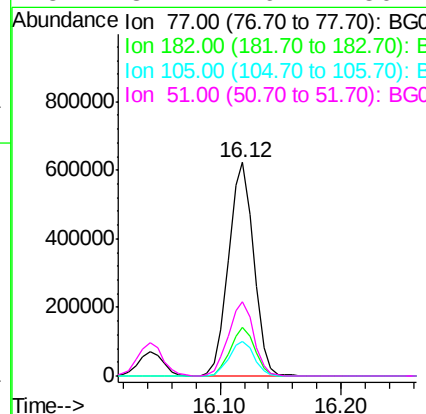
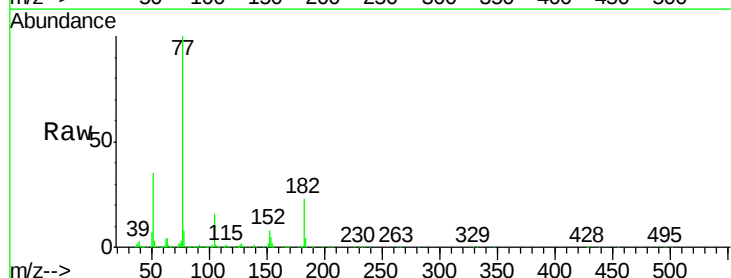
Instrument :
BNA_G
ClientSampleId :
8270SPK

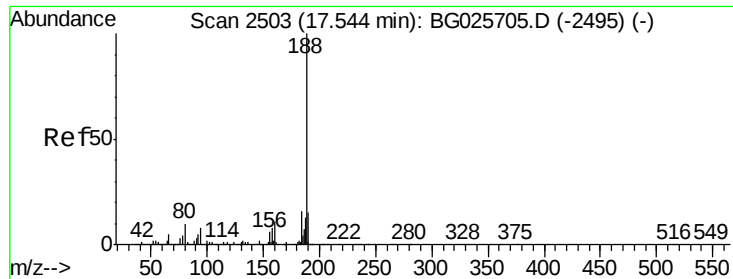
Tgt Ion: 138 Resp: 165271
Ion Ratio Lower Upper
138 100
92 66.0 44.2 84.2
108 124.7 104.8 144.8



#62
Azobenzene
Concen: 54.92 ng
RT: 16.12 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion: 77 Resp: 896401
Ion Ratio Lower Upper
77 100
182 22.9 4.7 44.7
105 16.0 0.0 36.3
51 34.7 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

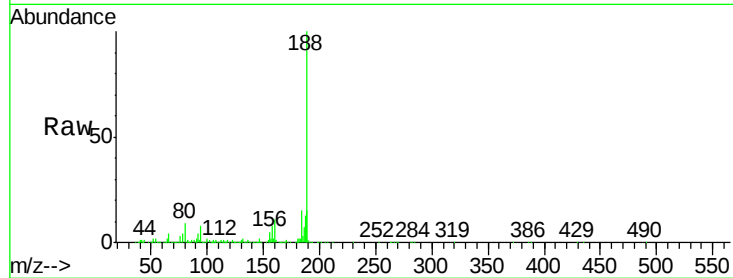
Tgt Ion:188 Resp: 465055

Ion Ratio Lower Upper

188 100

94 8.3 5.8 8.8

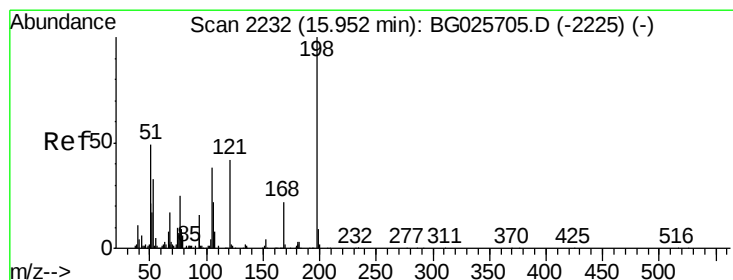
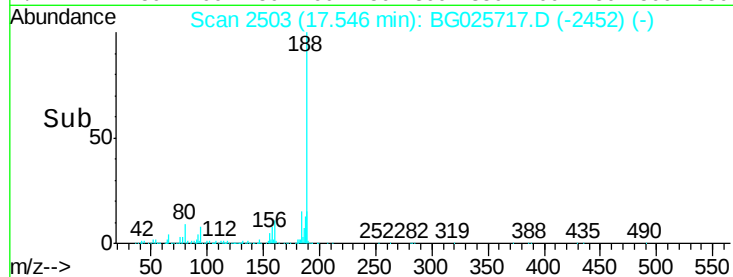
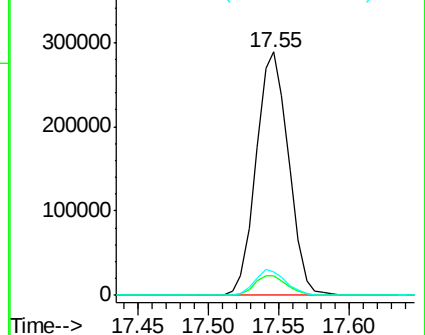
80 9.4 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 53.65 ng

RT: 15.95 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

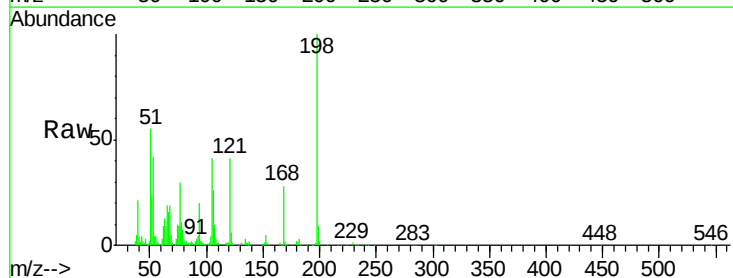
Tgt Ion:198 Resp: 177321

Ion Ratio Lower Upper

198 100

51 55.2 22.6 62.6

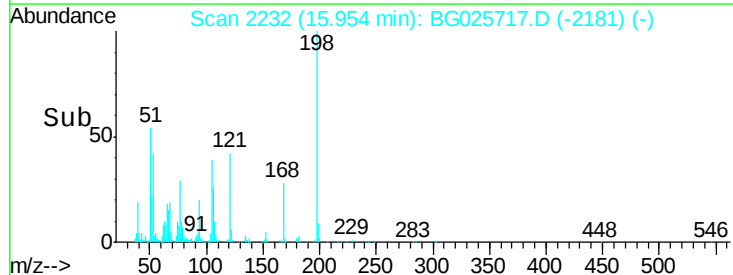
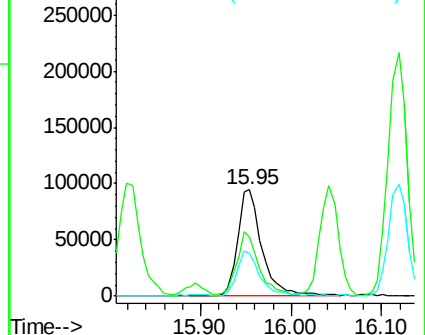
105 40.5 14.4 54.4

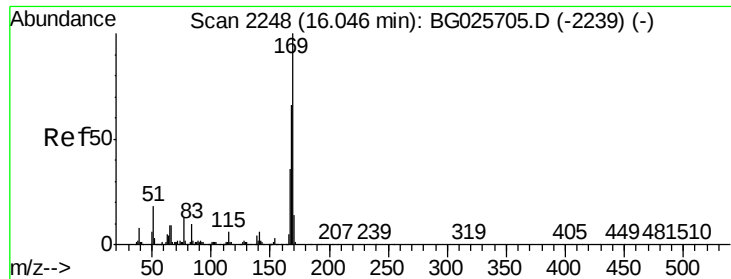


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.57 ng

RT: 16.04 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

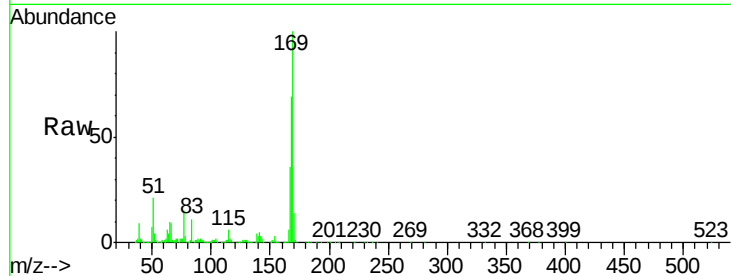
Tgt Ion:169 Resp: 688441

Ion Ratio Lower Upper

169 100

168 69.3 55.7 83.5

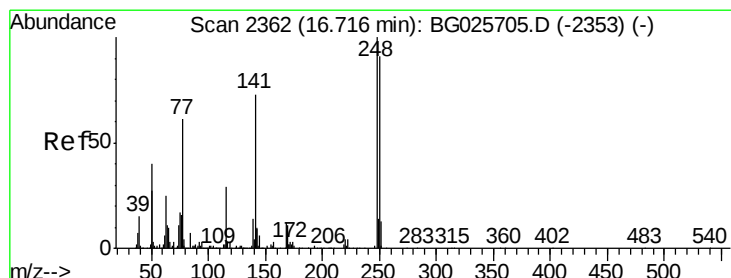
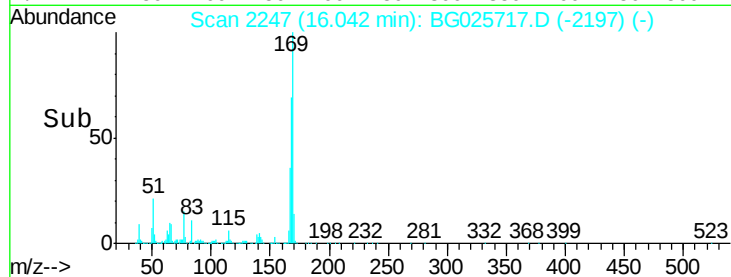
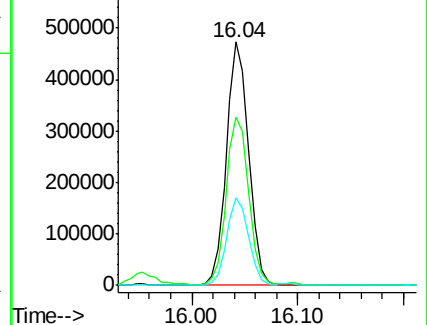
167 35.8 29.8 44.6



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: 51.51 ng

RT: 16.72 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

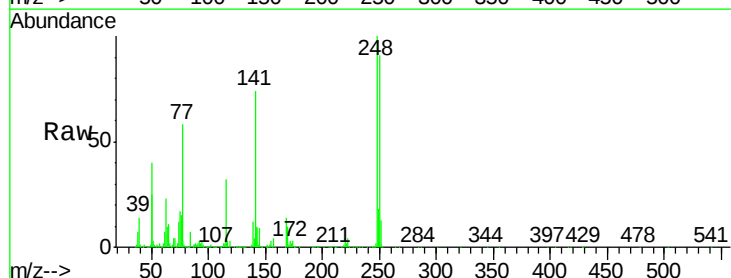
Tgt Ion:248 Resp: 291310

Ion Ratio Lower Upper

248 100

250 91.2 75.0 112.6

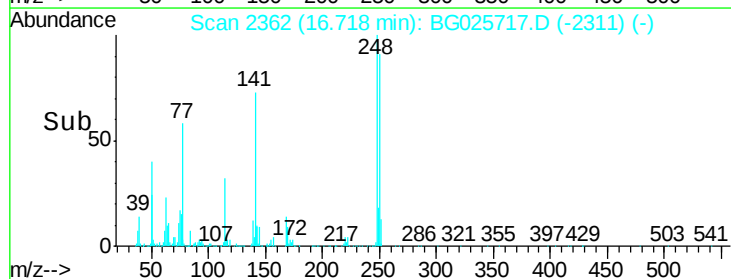
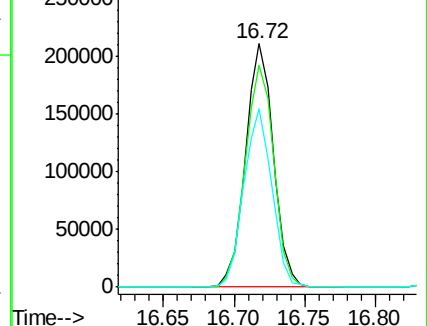
141 73.5 55.2 82.8

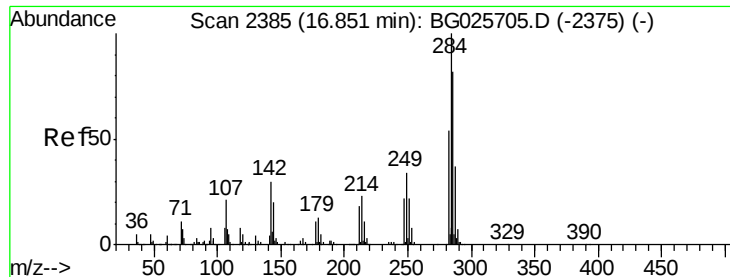


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 49.49 ng

RT: 16.85 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampled :

8270SPK

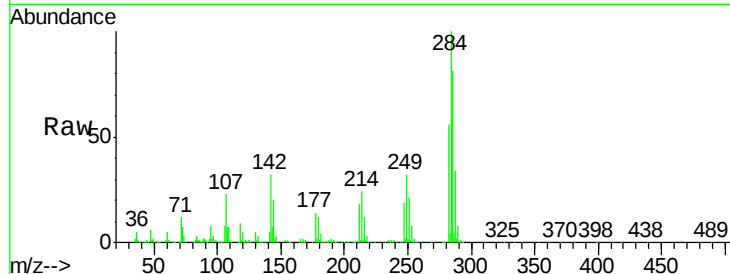
Tgt Ion:284 Resp: 314814

Ion Ratio Lower Upper

284 100

142 31.6 29.9 44.9

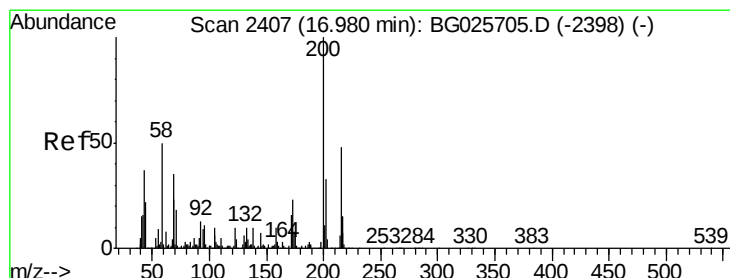
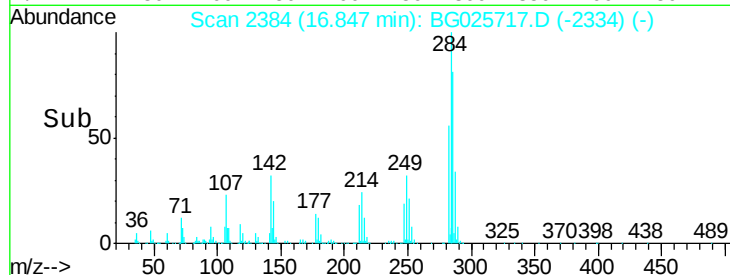
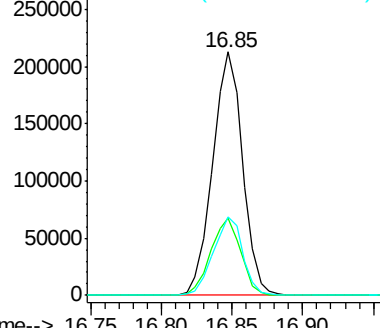
249 32.3 29.2 43.8



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: 47.31 ng

RT: 16.98 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

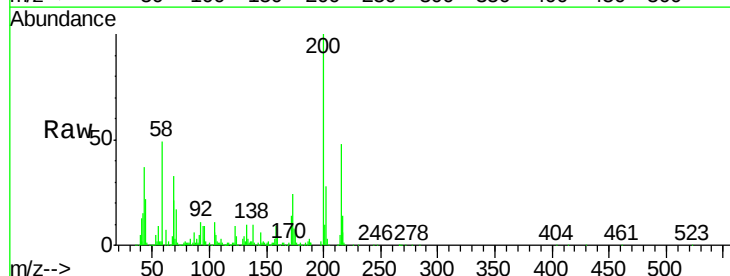
Tgt Ion:200 Resp: 311790

Ion Ratio Lower Upper

200 100

173 23.8 3.0 43.0

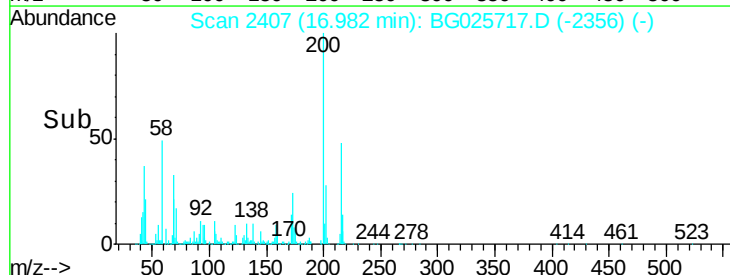
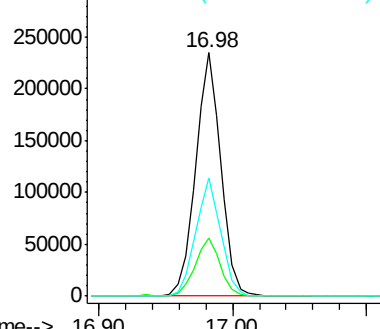
215 48.4 28.4 68.4

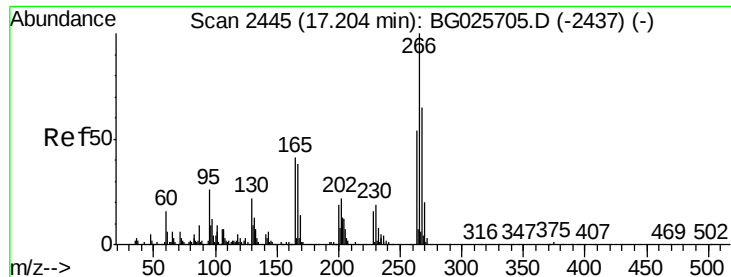


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

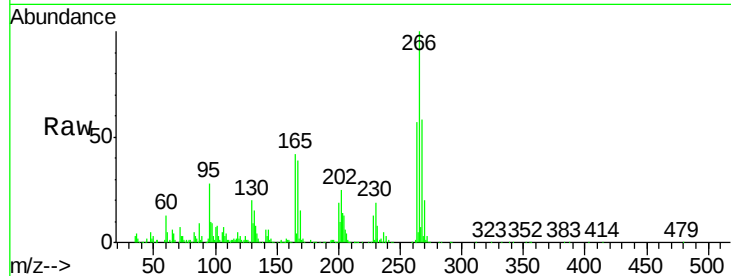




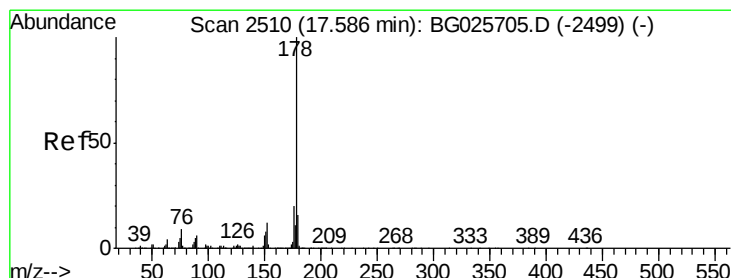
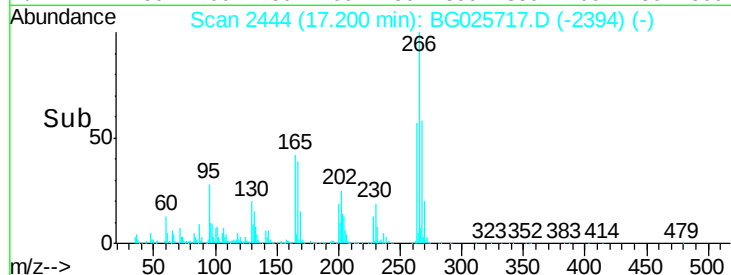
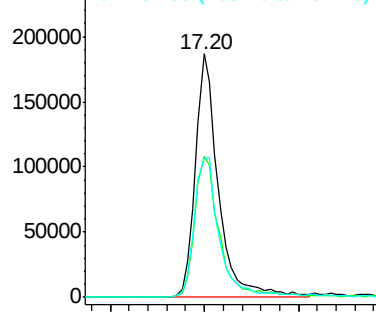
#69
 Pentachlorophenol
 Concen: 113.82 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.1	48.6	72.8
264	57.2	50.1	75.1

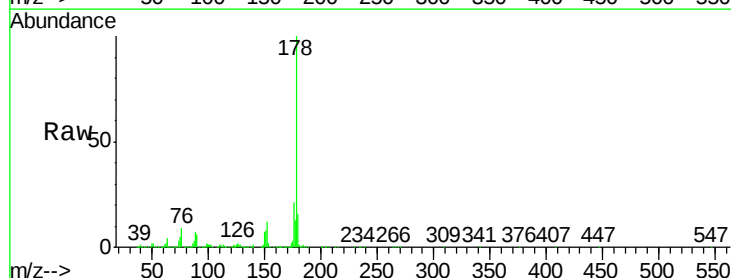


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

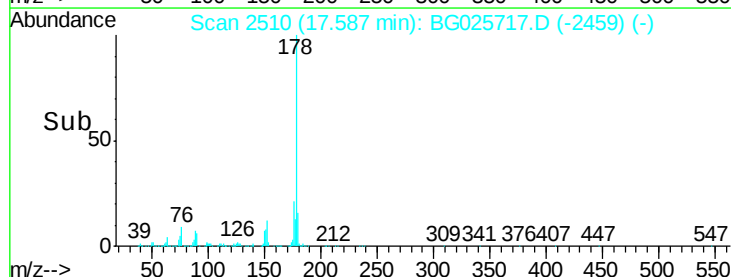
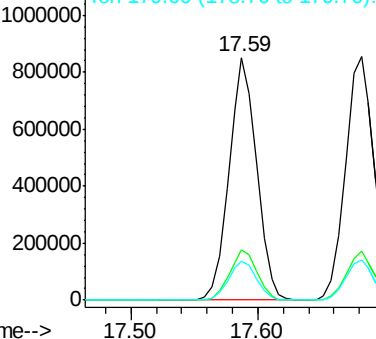


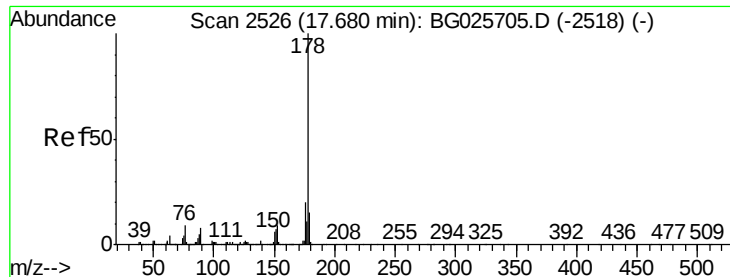
#70
 Phenanthrene
 Concen: 50.92 ng
 RT: 17.59 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.7	26.5
179	16.1	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

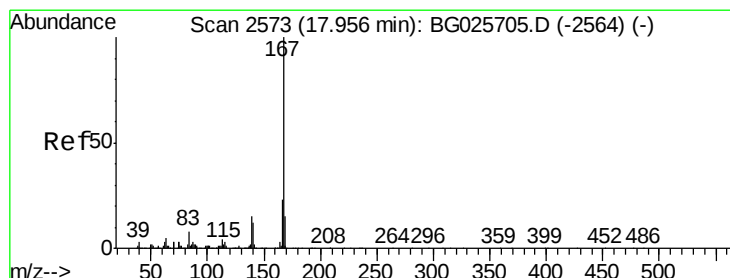
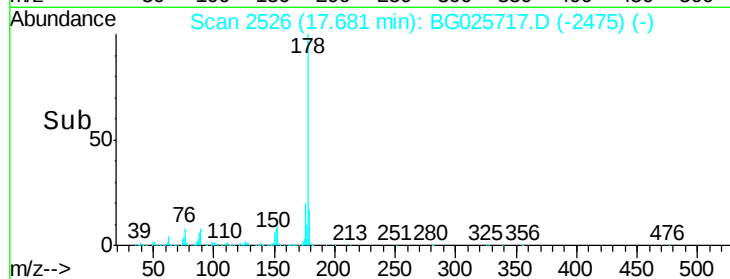
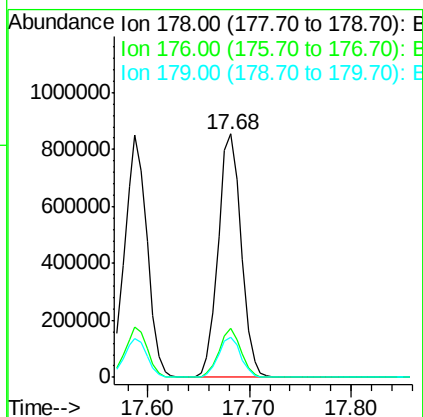
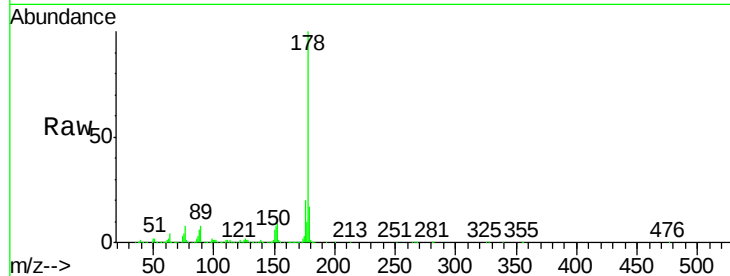




#71
 Anthracene
 Concen: 51.62 ng
 RT: 17.68 min Scan# 2526
 Delta R.T. 0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

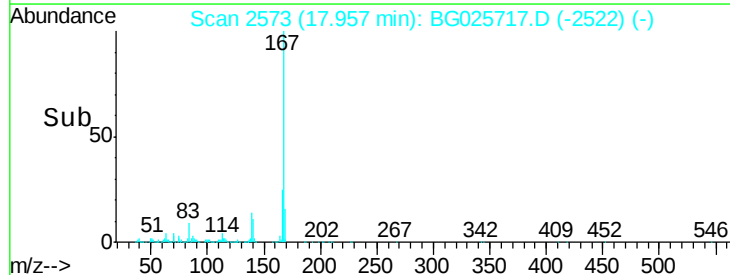
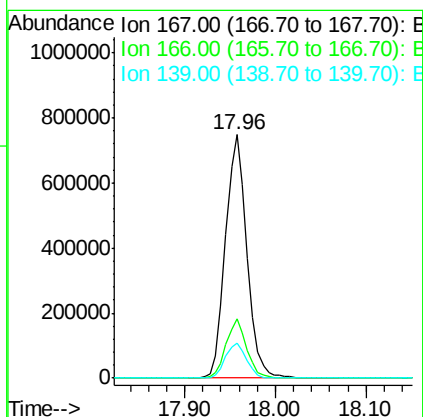
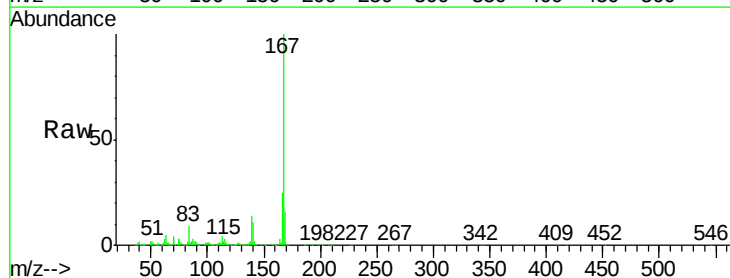
Instrument :
 BNA_G
 ClientSampled :
 8270SPK

Tgt Ion:178 Resp: 1345311
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.4 24.6
 179 16.6 13.8 20.8



#72
 Carbazole
 Concen: 48.59 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. 0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion:167 Resp: 1226294
 Ion Ratio Lower Upper
 167 100
 166 24.5 20.2 30.2
 139 14.5 12.8 19.2





#73

Di-n-butylphthalate

Concen: 51.24 ng

RT: 18.47 min Scan# 2660

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

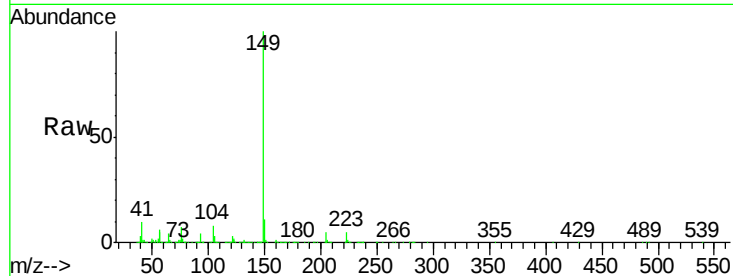
Tgt Ion:149 Resp: 1496420

Ion Ratio Lower Upper

149 100

150 10.6 9.1 13.7

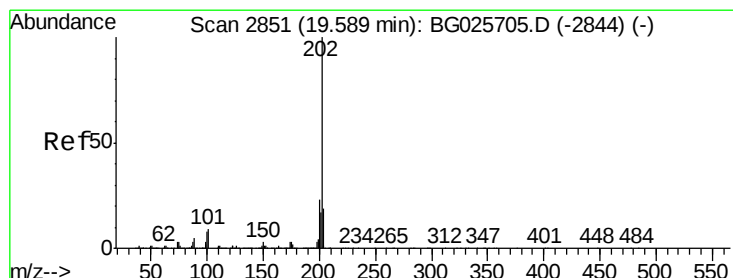
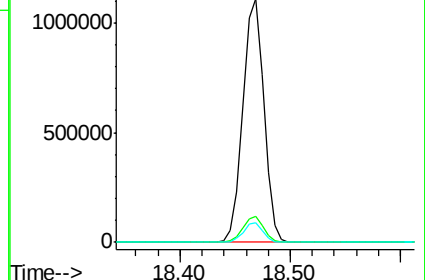
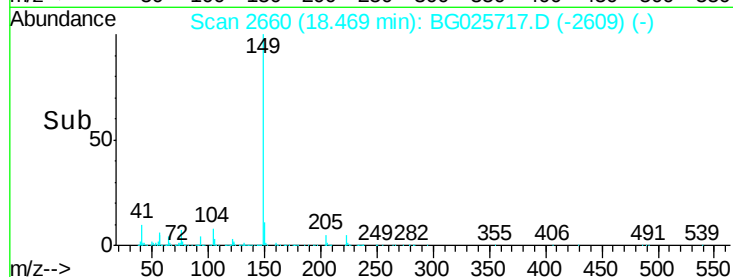
104 8.3 6.7 10.1



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: 50.37 ng

RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

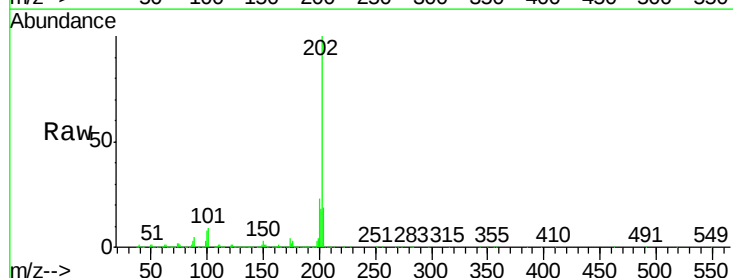
Tgt Ion:202 Resp: 1744636

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.1

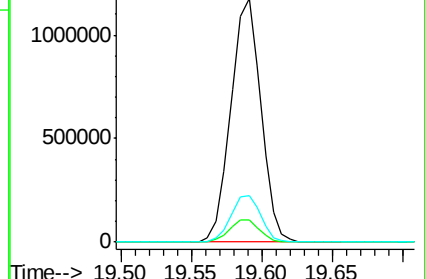
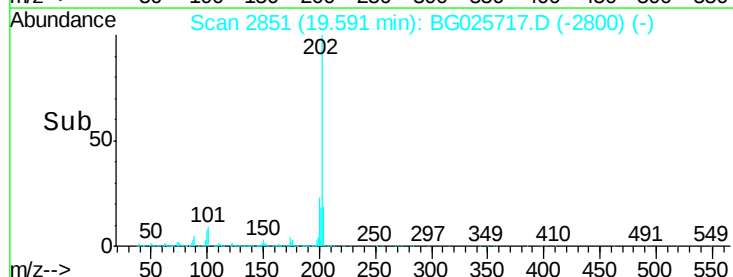
203 19.1 1.3 41.3

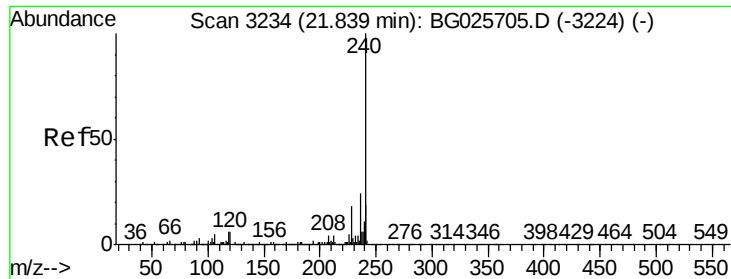


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

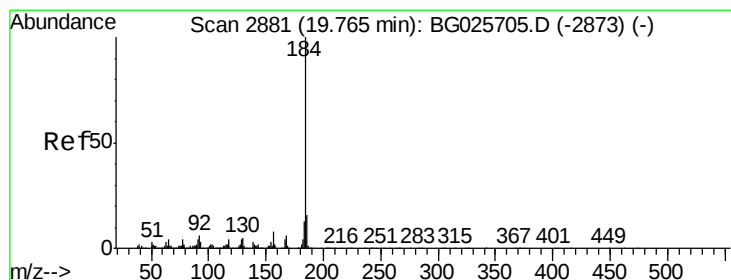
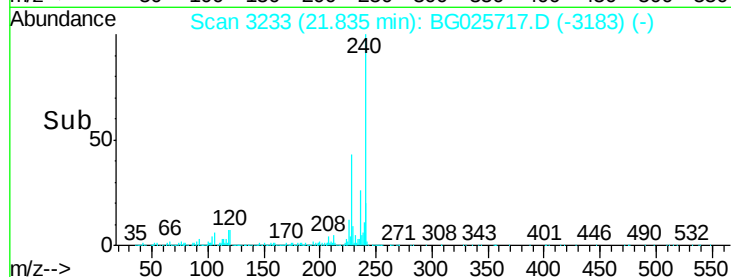
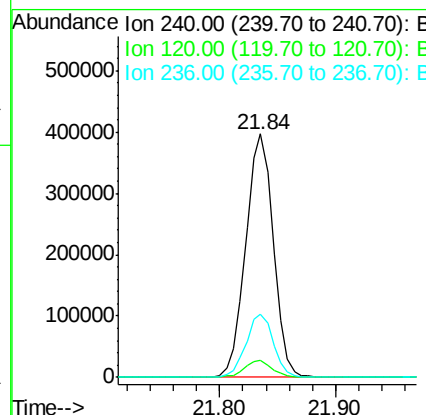
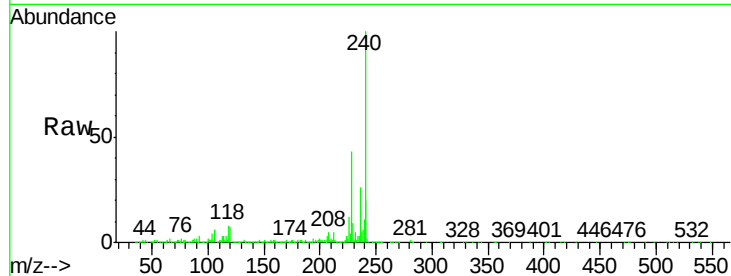




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

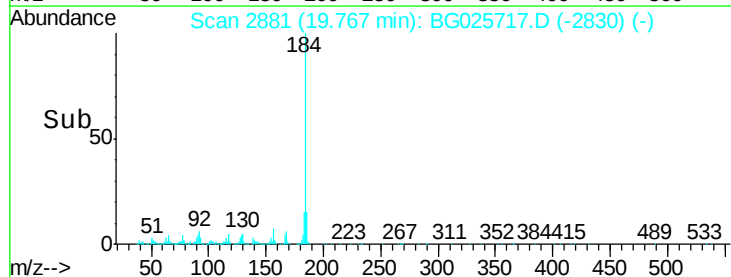
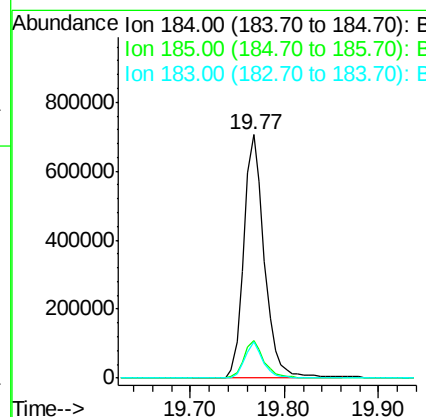
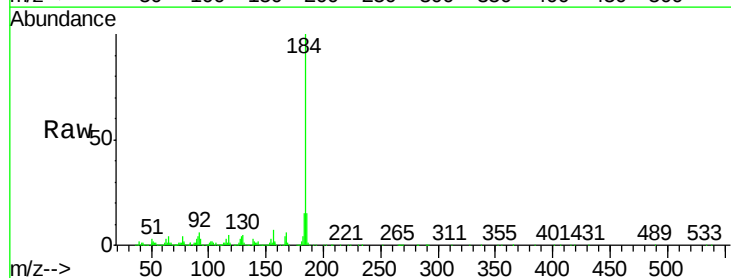
Instrument :
BNA_G
ClientSampleId :
8270SPK

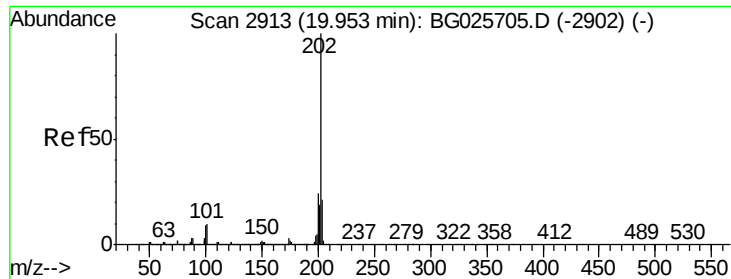
Tgt Ion:240 Resp: 658397
Ion Ratio Lower Upper
240 100
120 7.0 5.7 8.5
236 26.2 22.2 33.4



#76
Benzidine
Concen: 47.51 ng
RT: 19.77 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion:184 Resp: 1074231
Ion Ratio Lower Upper
184 100
185 15.3 13.0 19.6
183 14.6 11.0 16.6





#77

Pyrene

Concen: 49.25 ng

RT: 19.95 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

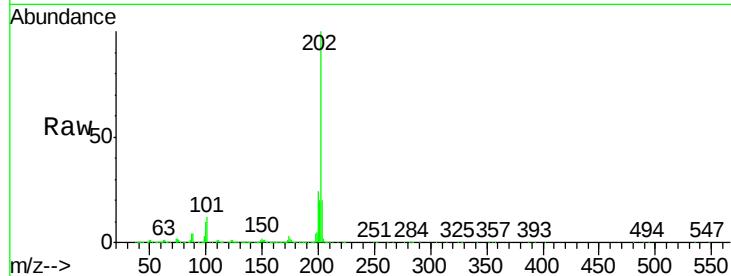
Tgt Ion:202 Resp: 1806452

Ion Ratio Lower Upper

202 100

200 24.1 19.6 29.4

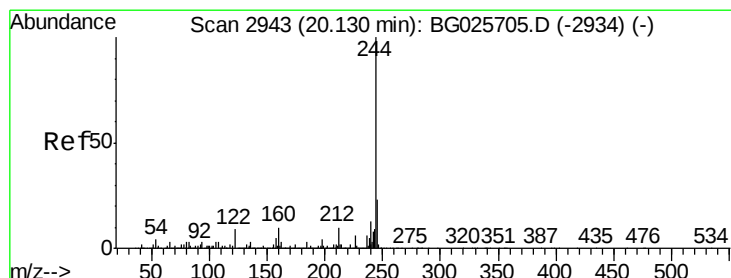
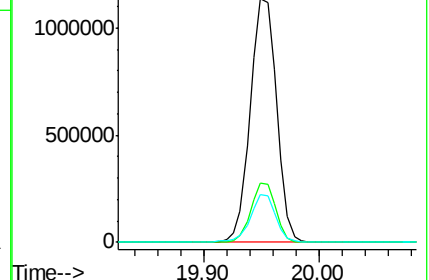
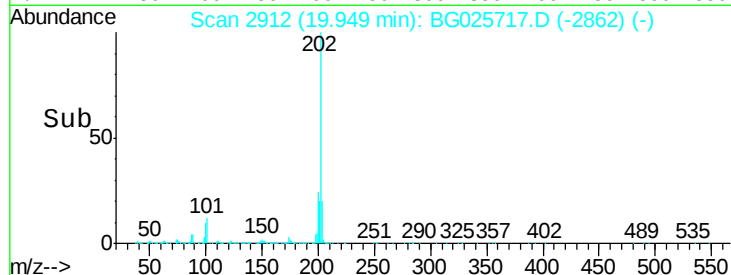
203 19.8 15.8 23.8



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: 0.04 ng

RT: 20.13 min Scan# 2943

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

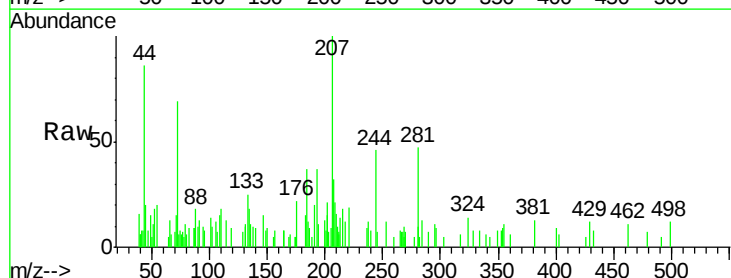
Tgt Ion:244 Resp: 1221

Ion Ratio Lower Upper

244 100

212 29.5 10.0 15.0#

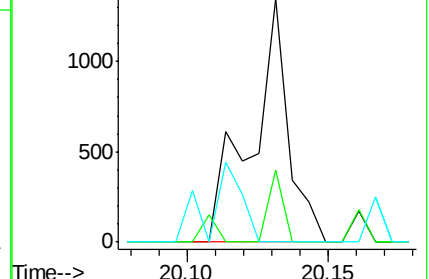
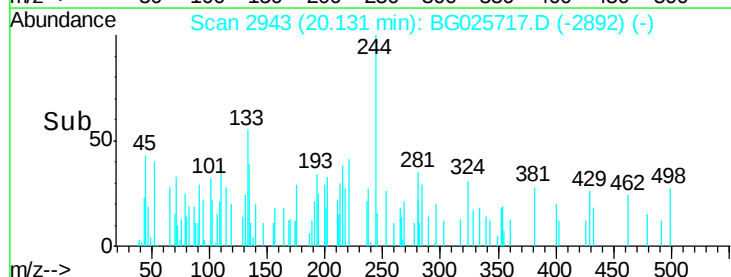
122 0.0 8.6 12.8#

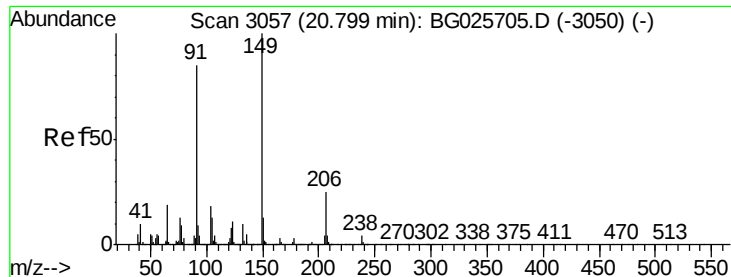


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.72 ng

RT: 20.80 min Scan# 3057

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

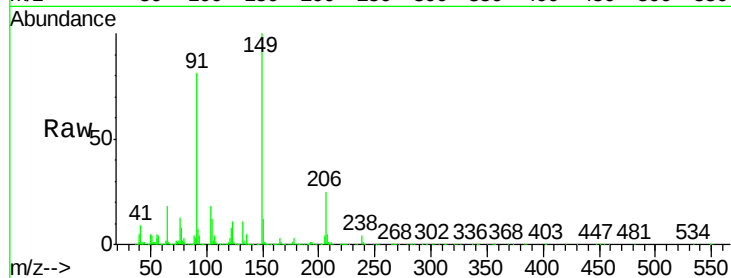
Tgt Ion:149 Resp: 787501

Ion Ratio Lower Upper

149 100

91 81.4 63.5 95.3

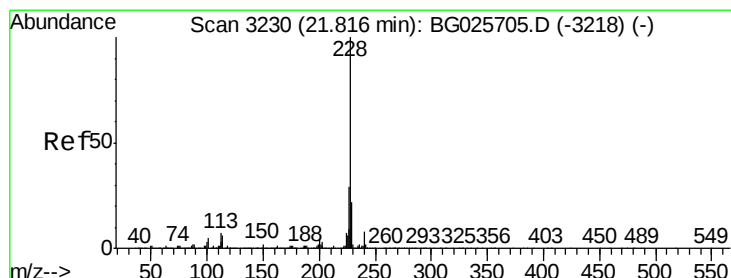
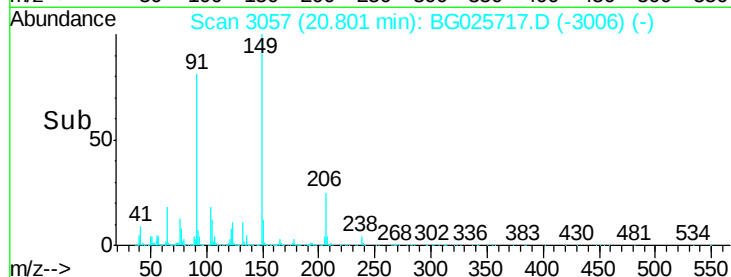
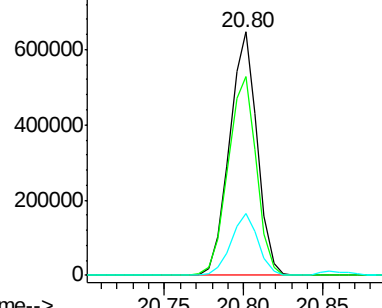
206 25.2 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.12 ng

RT: 21.81 min Scan# 3229

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

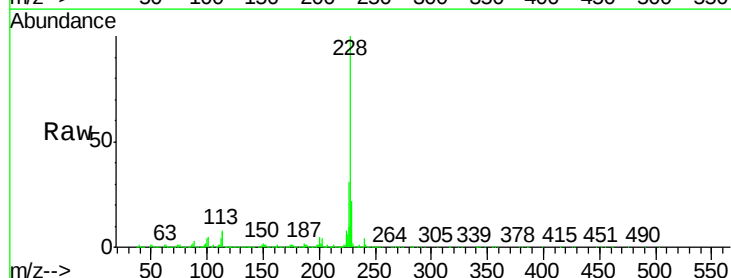
Tgt Ion:228 Resp: 1915174

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

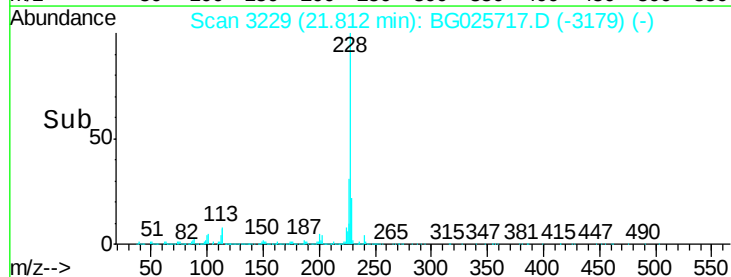
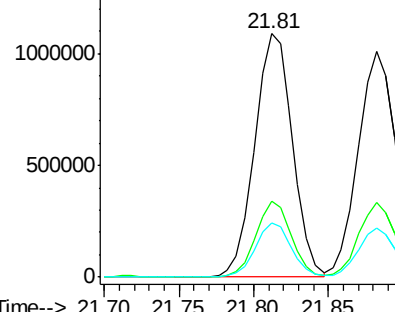
229 22.2 18.2 27.2

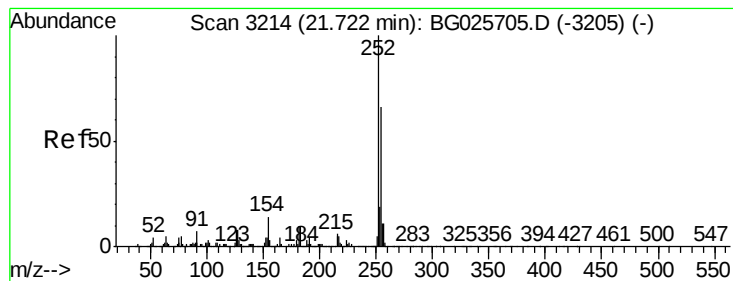


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

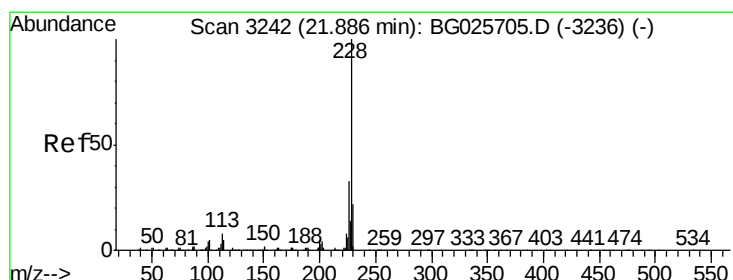
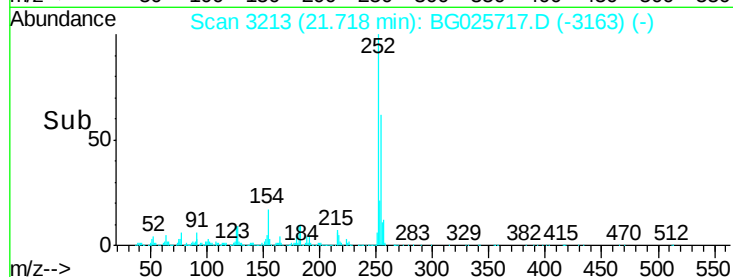
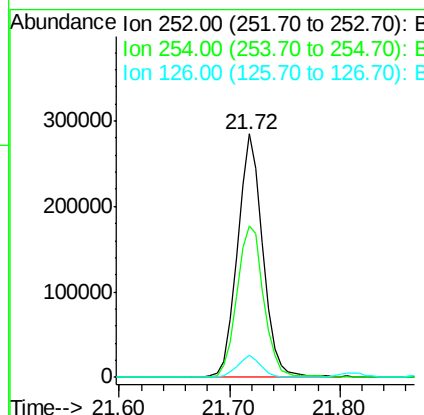
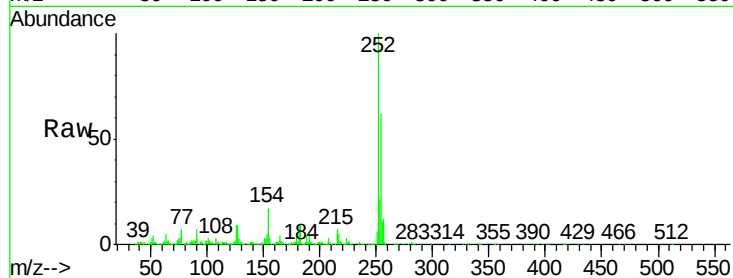




#81
 3,3'-Dichlorobenzidine
 Concen: 29.87 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

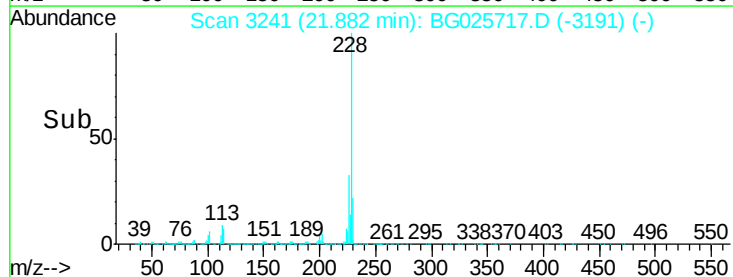
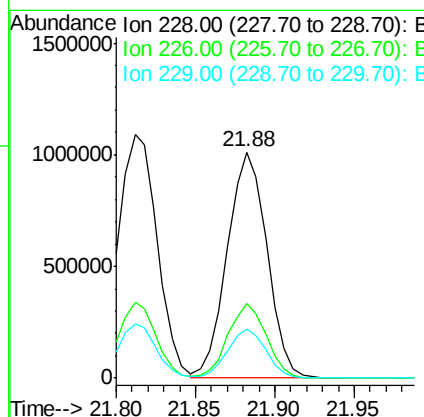
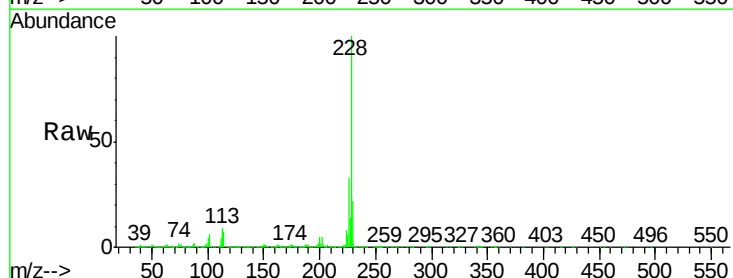
Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

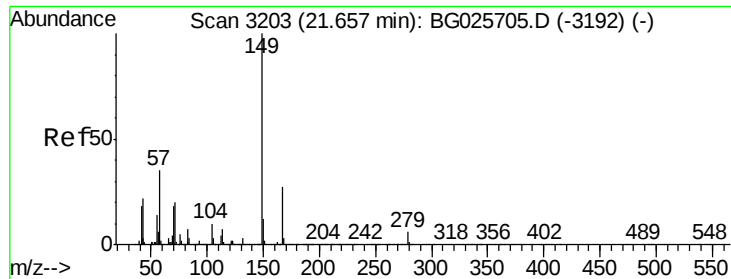
Tgt Ion:252 Resp: 457140
 Ion Ratio Lower Upper
 252 100
 254 62.0 53.1 79.7
 126 9.3 7.0 10.4



#82
 Chrysene
 Concen: 47.49 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion:228 Resp: 1750405
 Ion Ratio Lower Upper
 228 100
 226 32.8 27.0 40.4
 229 21.9 17.8 26.6

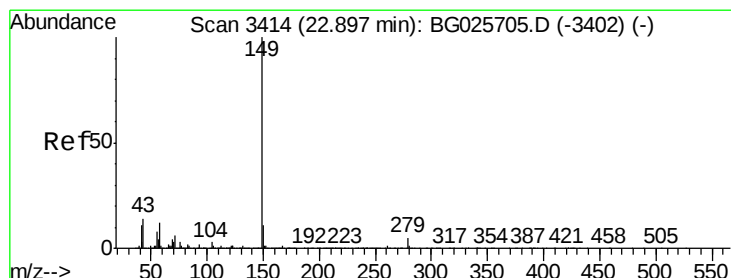
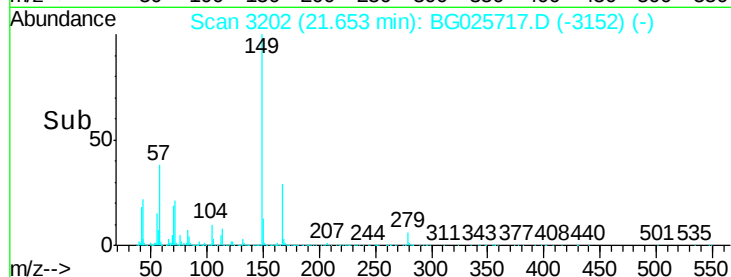
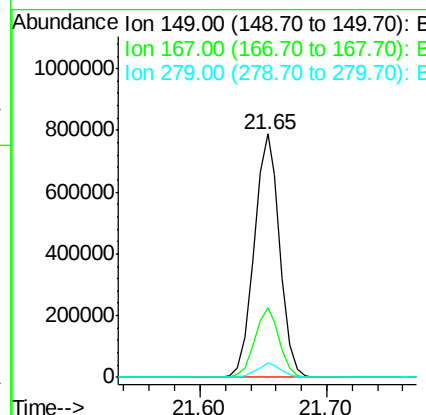
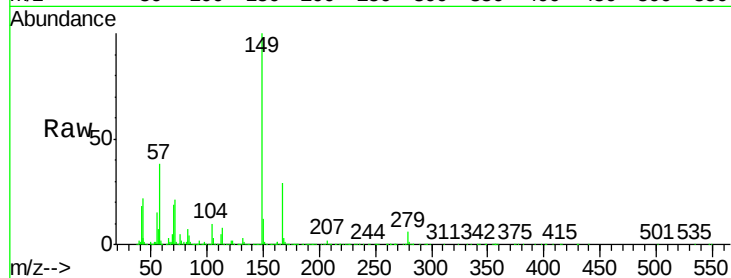




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.50 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

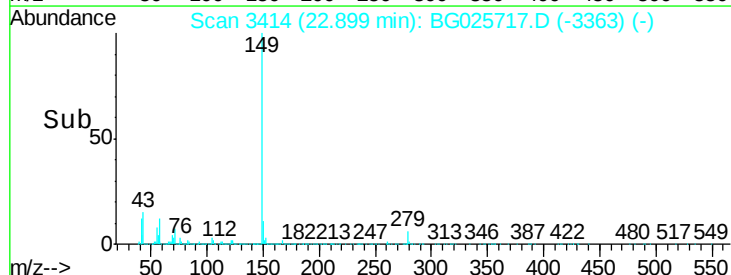
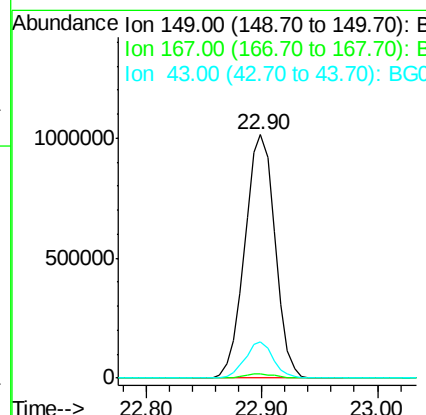
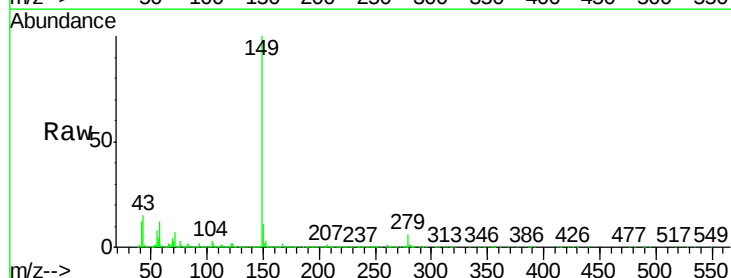
Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

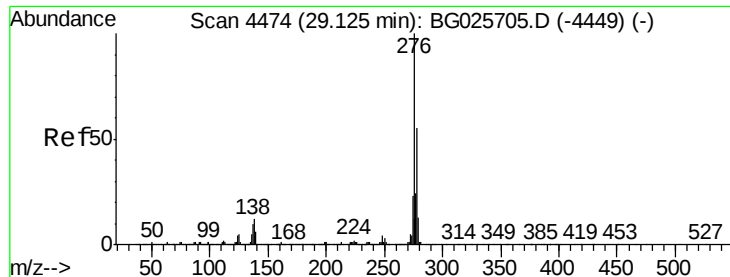
Tgt Ion:149 Resp: 1092216
 Ion Ratio Lower Upper
 149 100
 167 28.6 23.7 35.5
 279 5.9 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 53.27 ng
 RT: 22.90 min Scan# 3414
 Delta R.T. 0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion:149 Resp: 1835003
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 13.8 11.8 17.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.89 ng

RT: 29.11 min Scan# 4472

Delta R.T. -0.01 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

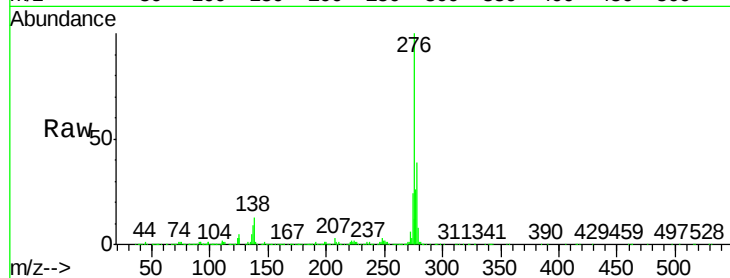
Tgt Ion:276 Resp: 2286530

Ion Ratio Lower Upper

276 100

138 8.3 4.7 7.1#

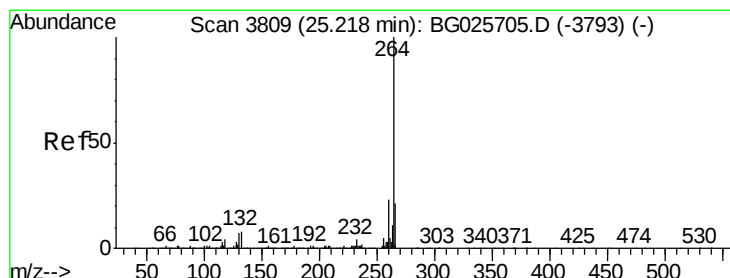
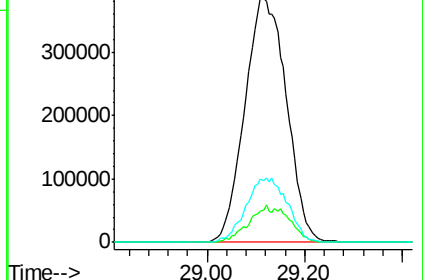
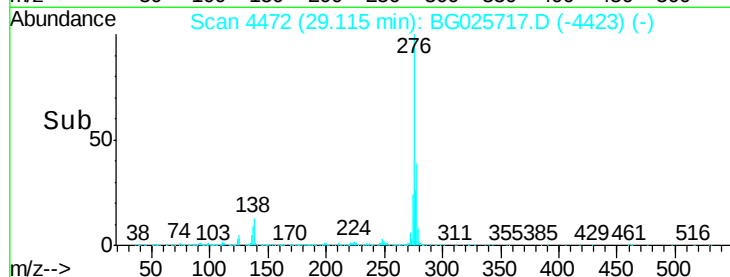
277 26.2 20.6 31.0



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# 3808

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

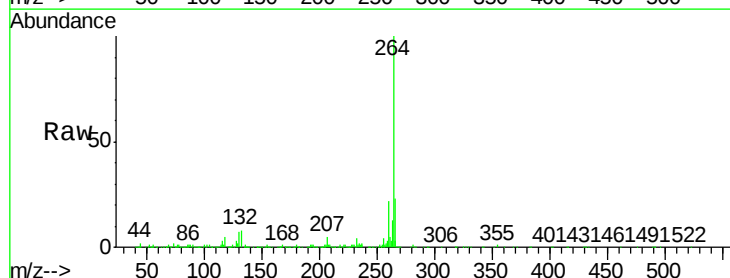
Tgt Ion:264 Resp: 676937

Ion Ratio Lower Upper

264 100

260 22.5 21.8 32.8

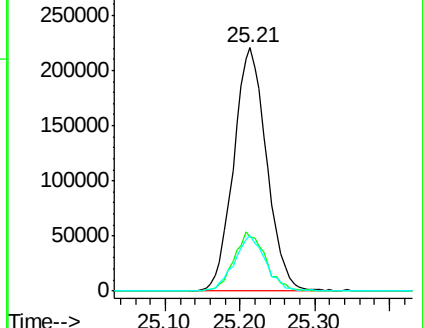
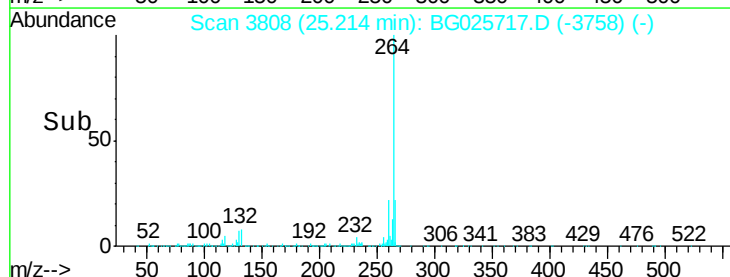
265 22.7 18.2 27.4

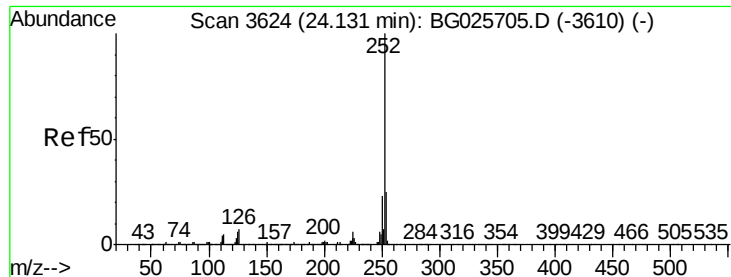


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 50.42 ng

RT: 24.13 min Scan# 3624

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

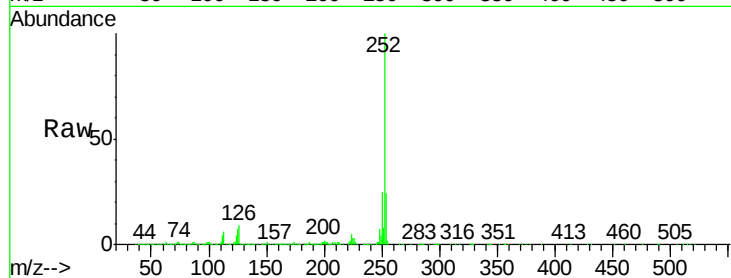
Tgt Ion:252 Resp: 1972887

Ion Ratio Lower Upper

252 100

253 24.3 18.7 28.1

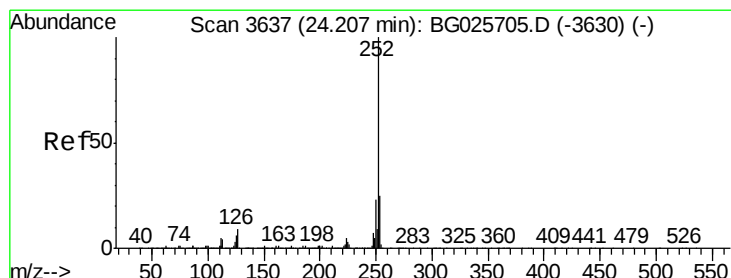
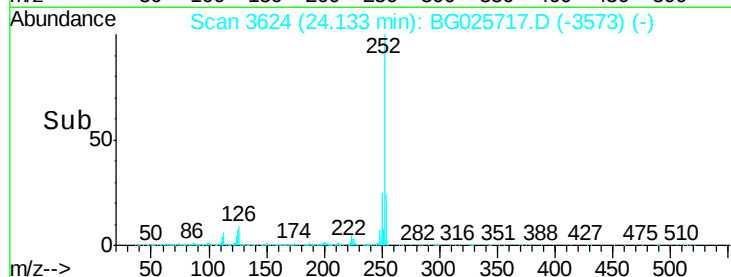
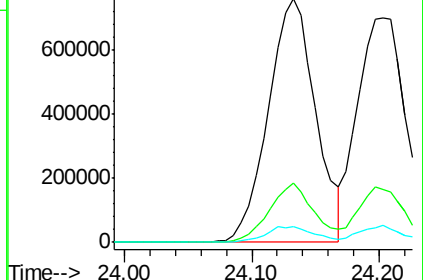
125 6.6 5.3 7.9



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



#88

Benzo(k)fluoranthene

Concen: 48.04 ng

RT: 24.20 min Scan# 3636

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

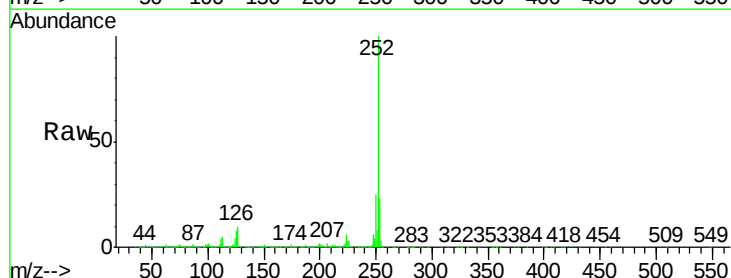
Tgt Ion:252 Resp: 1839611

Ion Ratio Lower Upper

252 100

253 23.3 20.2 30.2

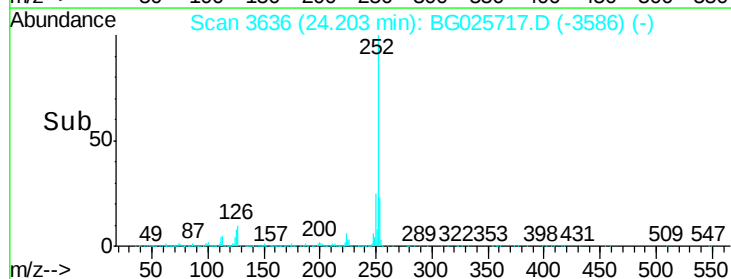
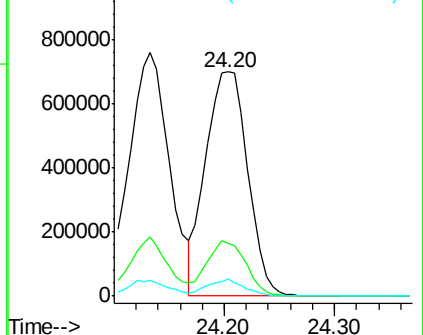
125 7.6 5.1 7.7

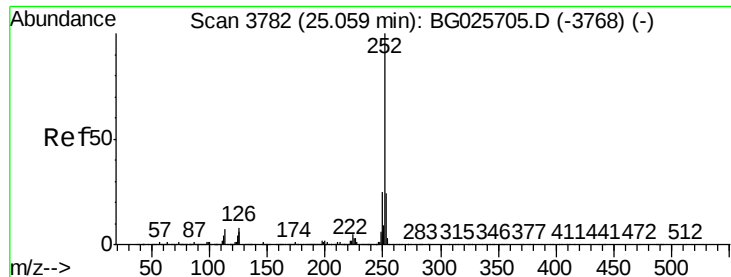


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.47 ng

RT: 25.06 min Scan# 3782

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

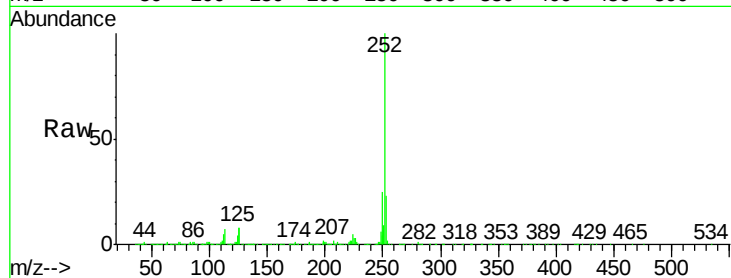
Tgt Ion:252 Resp: 1878326

Ion Ratio Lower Upper

252 100

253 22.6 19.2 28.8

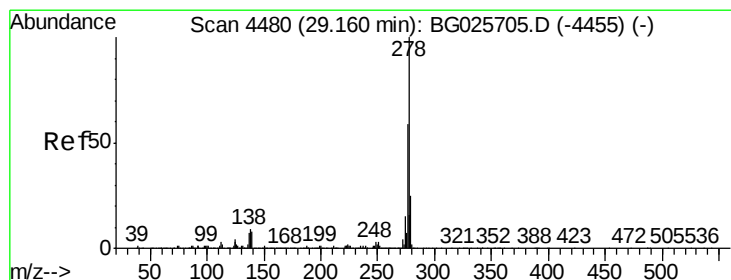
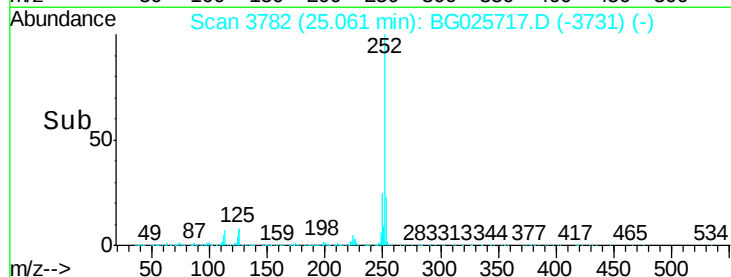
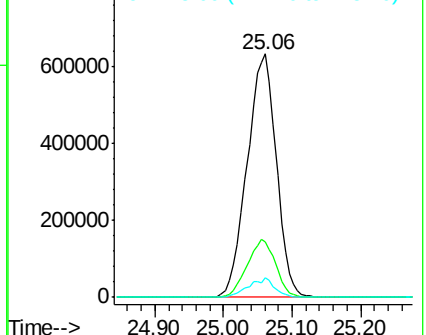
125 7.8 5.4 8.0



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: 49.43 ng

RT: 29.16 min Scan# 4480

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

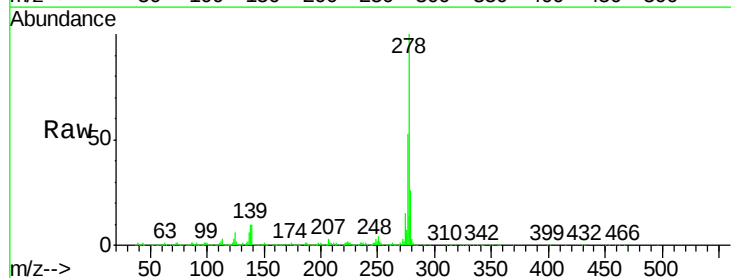
Tgt Ion:278 Resp: 1902413

Ion Ratio Lower Upper

278 100

139 10.3 7.7 11.5

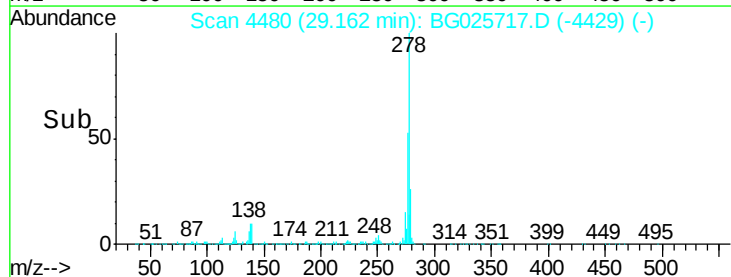
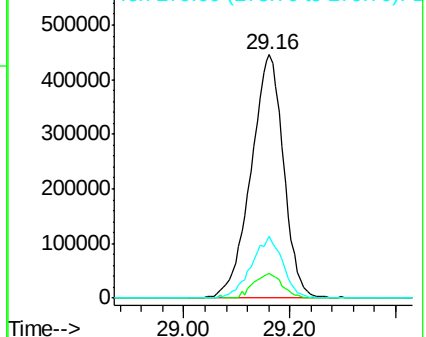
279 25.6 19.1 28.7

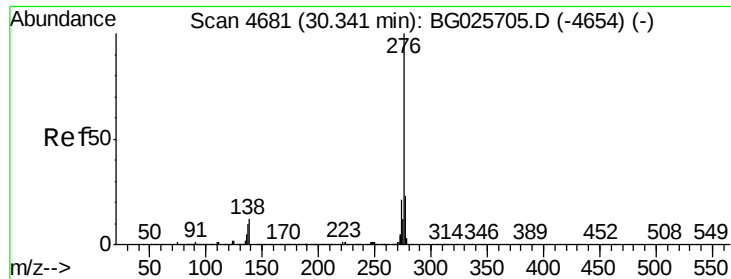


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.32 ng
 RT: 30.34 min Scan# 4681
 Delta R.T. 0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

Tgt Ion:276 Resp: 1886084
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.6 27.8
 138 12.9 8.1 12.1#

