

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG093016\
 Data File : BG024163.D
 Acq On : 30 Sep 2016 17:27
 Operator : UM/SJ
 Sample : H4998-12MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

Quant Time: Sep 30 18:46:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41217	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	206034	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	176247	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	409752	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	449597	20.00	ng	-0.02
86) Perylene-d12	25.10	264	440493	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	420188	176.62	ng	0.00
7) Phenol-d6	7.20	99	660435	164.98	ng	0.00
23) Nitrobenzene-d5	9.21	82	487446	93.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	337473	133.21	ng	-0.01
44) 2-Fluorobiphenyl	13.32	172	951714	90.77	ng	-0.01
78) Terphenyl-d14	20.08	244	1619823	73.77	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	45597	50.07	ng	# 90
3) Pyridine	3.84	79	139234	43.27	ng	95
4) n-Nitrosodimethylamine	3.75	42	81941	50.23	ng	# 94
6) Aniline	7.36	93	166048	29.53	ng	96
8) 2-Chlorophenol	7.60	128	155462	54.59	ng	95
9) Benzaldehyde	7.17	77	108603	49.82	ng	93
10) Phenol	7.23	94	249087	59.19	ng	91
11) bis(2-Chloroethyl)ether	7.44	93	168735	50.84	ng	95
12) 1,3-Dichlorobenzene	7.92	146	156854	49.39	ng	98
13) 1,4-Dichlorobenzene	8.07	146	162399	50.10	ng	96
14) 1,2-Dichlorobenzene	8.39	146	160947	51.02	ng	94
15) Benzyl Alcohol	8.28	79	195865	50.56	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	224343	48.96	ng	93
17) 2-Methylphenol	8.50	107	159792	57.11	ng	97
18) Hexachloroethane	9.11	117	67421	49.37	ng	93
19) n-Nitroso-di-n-propylamine	8.84	70	187500	47.69	ng	99
20) 3+4-Methylphenols	8.83	107	222786	54.82	ng	94
22) Acetophenone	8.87	105	293548	49.39	ng	# 97
24) Nitrobenzene	9.26	77	269316	48.06	ng	95
25) Isophorone	9.78	82	503063	47.18	ng	# 97
26) 2-Nitrophenol	9.98	139	94018	47.30	ng	96
27) 2,4-Dimethylphenol	10.03	122	169943	51.13	ng	91
28) bis(2-Chloroethoxy)methane	10.26	93	261997	50.53	ng	100
29) 2,4-Dichlorophenol	10.53	162	192387	55.62	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	183756	49.63	ng	94
31) Naphthalene	10.91	128	538127	51.56	ng	97
32) Benzoic acid	10.03	122	169971	61.55	ng	# 13
33) 4-Chloroaniline	11.04	127	62012	13.31	ng	94
34) Hexachlorobutadiene	11.19	225	123951	42.53	ng	93
35) Caprolactam	11.87	113	18261	12.98	ng	90
36) 4-Chloro-3-methylphenol	12.17	107	253162	52.01	ng	93
37) 2-Methylnaphthalene	12.53	142	421510	52.74	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	242854	47.20	ng	99
40) Hexachlorocyclopentadiene	12.86	237	218415	86.39	ng	99

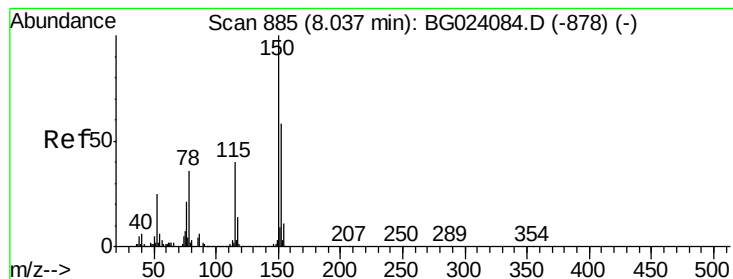
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG093016\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	167548	50.35	ng	98
43) 2,4,5-Trichlorophenol	13.23	196	176984	51.69	ng	87
45) 1,1'-Biphenyl	13.53	154	587568	48.75	ng	96
46) 2-Chloronaphthalene	13.58	162	470334	52.27	ng	98
47) 2-Nitroaniline	13.80	65	212373	50.72	ng	94
48) Acenaphthylene	14.43	152	776148	50.81	ng	99
49) Dimethylphthalate	14.16	163	1131575	83.69	ng	98
50) 2,6-Dinitrotoluene	14.29	165	150481	52.98	ng	99
51) Acenaphthene	14.77	154	484910	52.34	ng	97
52) 3-Nitroaniline	14.63	138	81821	28.84	ng	# 92
53) 2,4-Dinitrophenol	14.86	184	88632	49.13	ng	92
54) Dibenzofuran	15.11	168	794068	55.05	ng	99
55) 4-Nitrophenol	14.97	139	210130	92.40	ng	95
56) 2,4-Dinitrotoluene	15.09	165	228115	52.78	ng	88
57) Fluorene	15.76	166	660020	52.56	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	187144	56.59	ng	91
59) Diethylphthalate	15.52	149	739165	50.76	ng	96
60) 4-Chlorophenyl-phenylether	15.74	204	331776	49.32	ng	97
61) 4-Nitroaniline	15.81	138	142084	48.36	ng	# 84
62) Azobenzene	16.04	77	845595	57.16	ng	92
64) 4,6-Dinitro-2-methylphenol	15.87	198	129142	45.39	ng	89
65) n-Nitrosodiphenylamine	15.97	169	597085	53.27	ng	93
66) 4-Bromophenyl-phenylether	16.65	248	239443	50.38	ng	95
67) Hexachlorobenzene	16.77	284	240880	44.98	ng	94
68) Atrazine	16.92	200	259490	52.44	ng	95
69) Pentachlorophenol	17.13	266	241913	86.84	ng	98
70) Phenanthrene	17.51	178	1128861	54.09	ng	98
71) Anthracene	17.61	178	1144545	53.39	ng	97
72) Carbazole	17.89	167	1057957	53.01	ng	98
73) Di-n-butylphthalate	18.42	149	1286128	49.23	ng	98
74) Fluoranthene	19.53	202	1381261	50.69	ng	95
76) Benzidine	19.72	184	485578	38.15	ng	99
77) Pyrene	19.90	202	1391462	44.32	ng	95
79) Butylbenzylphthalate	20.77	149	583836	50.50	ng	97
80) Benzo(a)anthracene	21.75	228	1324798	51.76	ng	95
81) 3,3'-Dichlorobenzidine	21.67	252	262264	28.59	ng	# 94
82) Chrysene	21.82	228	1249268	51.93	ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	815670	59.06	ng	# 94
84) Di-n-octyl phthalate	22.86	149	1412896	59.29	ng	99
85) Indeno(1,2,3-cd)pyrene	28.91	276	1567382	58.42	ng	# 100
87) Benzo(b)fluoranthene	24.04	252	1358706	53.02	ng	# 99
88) Benzo(k)fluoranthene	24.11	252	1329677	52.24	ng	# 97
89) Benzo(a)pyrene	24.94	252	1329987	53.69	ng	# 98
90) Dibenzo(a,h)anthracene	28.96	278	1291480	52.21	ng	# 93
91) Benzo(g,h,i)perylene	30.11	276	1300412	52.18	ng	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

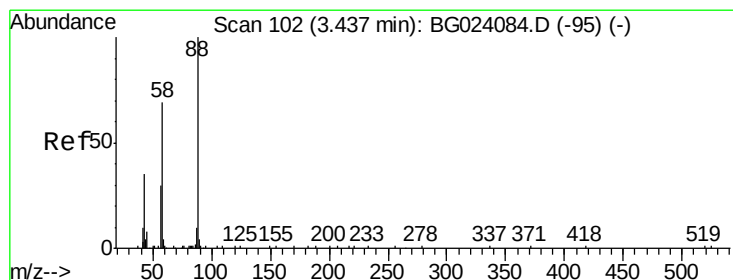
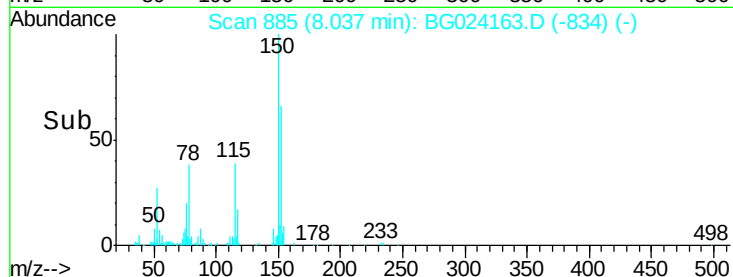
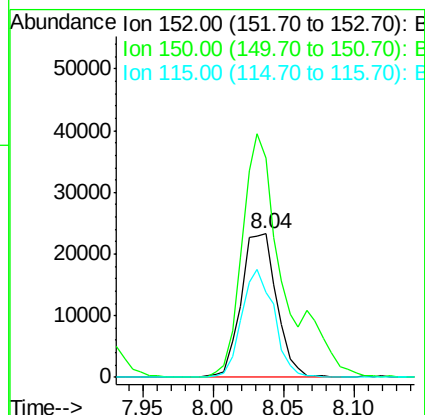
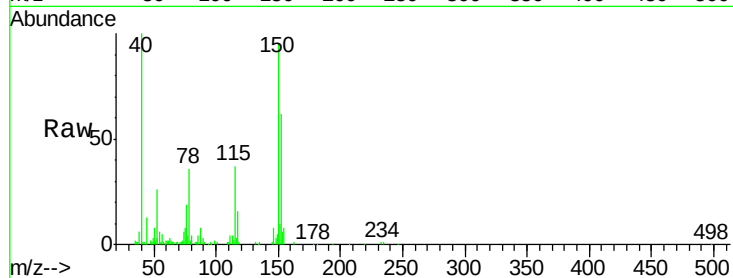
Tgt Ion:152 Resp: 41217

Ion Ratio Lower Upper

152 100

150 152.6 144.7 217.1

115 59.1 64.0 96.0#



#2

1,4-Dioxane

Concen: 50.07 ng

RT: 3.43 min Scan# 100

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

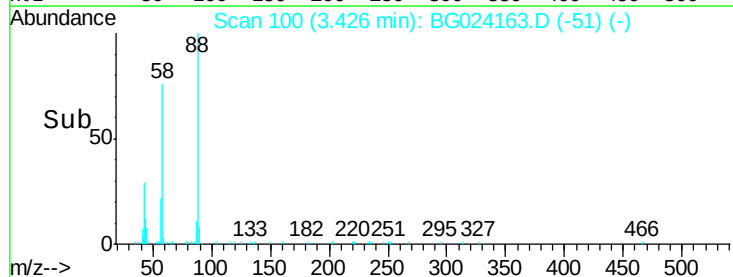
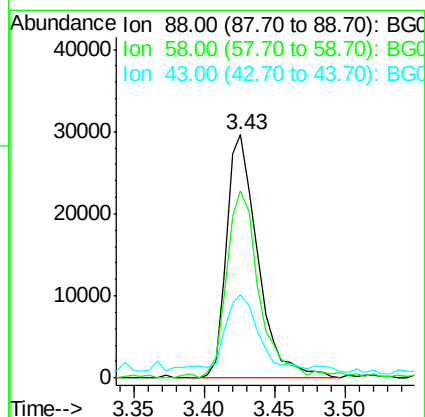
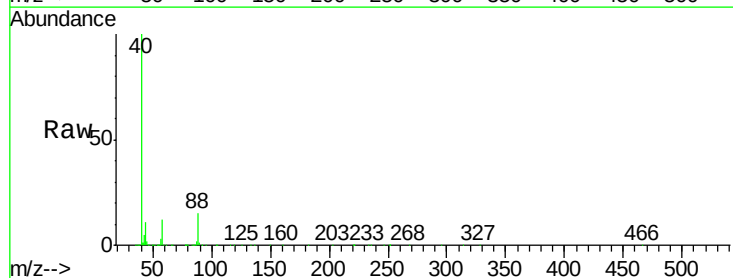
Tgt Ion: 88 Resp: 45597

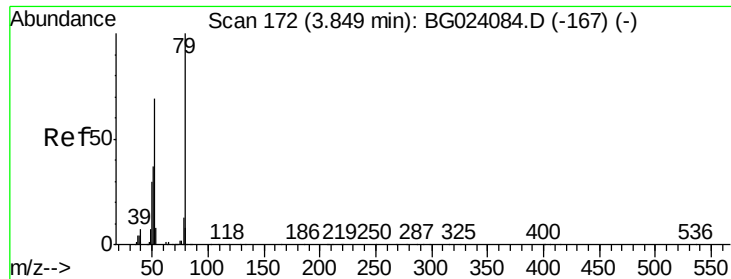
Ion Ratio Lower Upper

88 100

58 82.5 60.4 90.6

43 30.8 31.1 46.7#





#3

Pyridine

Concen: 43.27 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

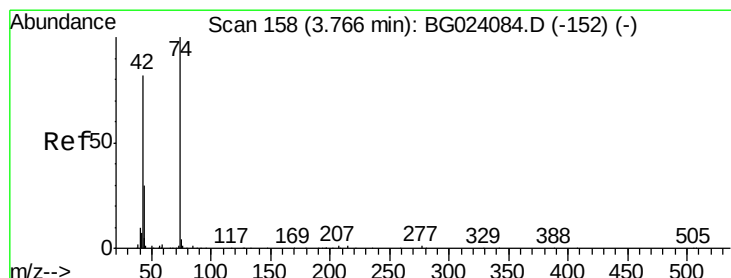
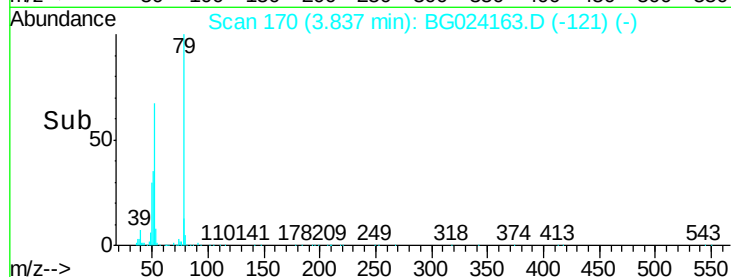
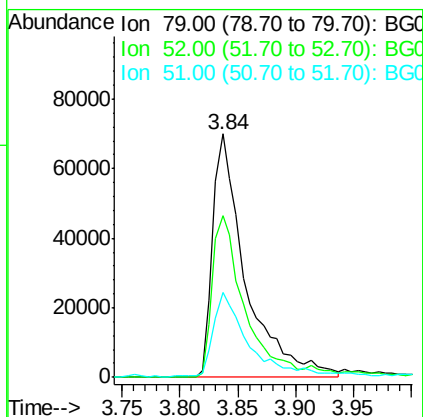
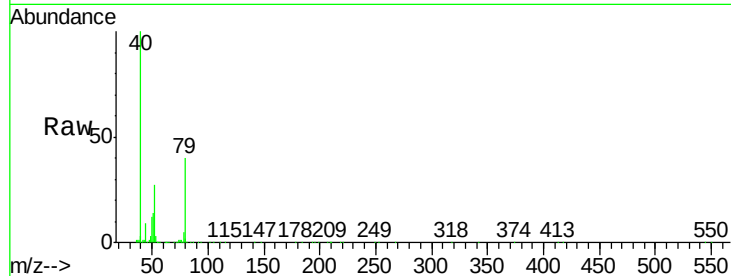
Tgt Ion: 79 Resp: 139234

Ion Ratio Lower Upper

79 100

52 66.4 51.8 77.8

51 35.0 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 50.23 ng

RT: 3.75 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

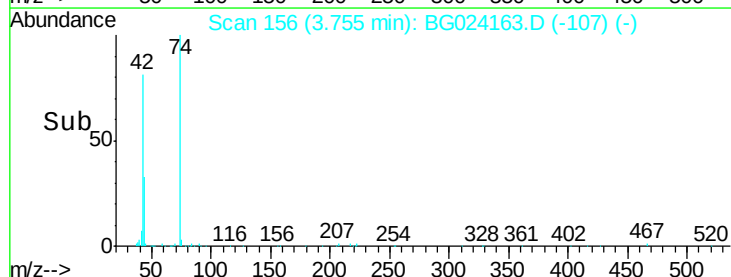
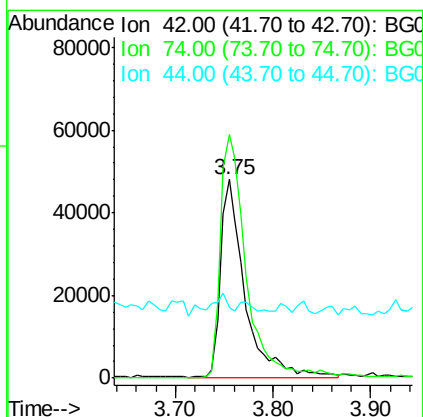
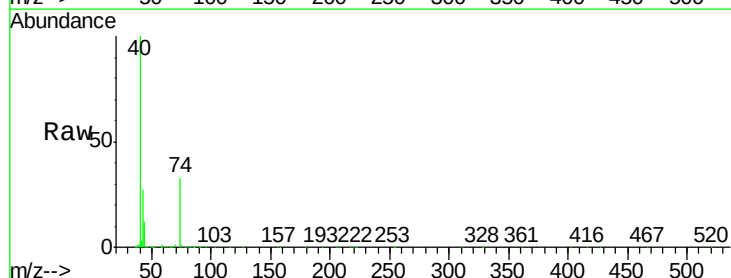
Tgt Ion: 42 Resp: 81941

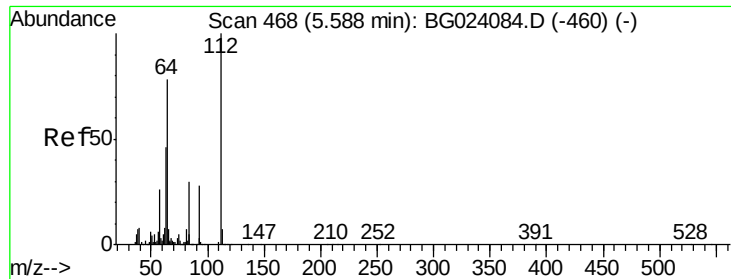
Ion Ratio Lower Upper

42 100

74 122.5 100.6 150.8

44 35.4 4.5 6.7#





#5

2-Fluorophenol

Concen: 176.62 ng

RT: 5.58 min Scan# 467

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

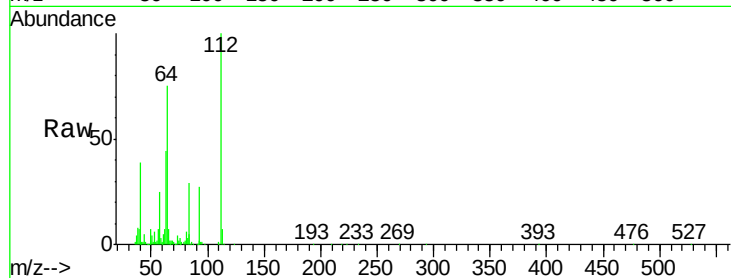
Tgt Ion: 112 Resp: 420188

Ion Ratio Lower Upper

112 100

64 75.0 59.0 88.4

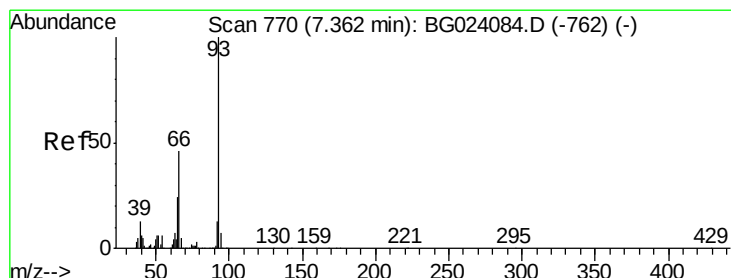
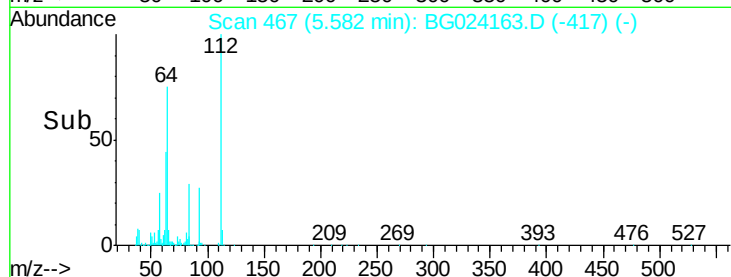
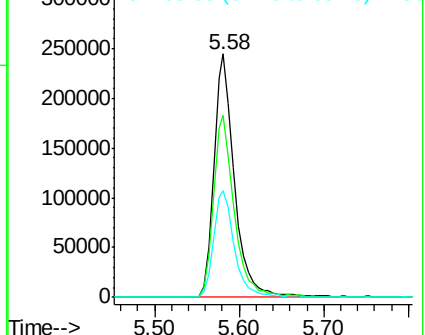
63 43.7 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.53 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

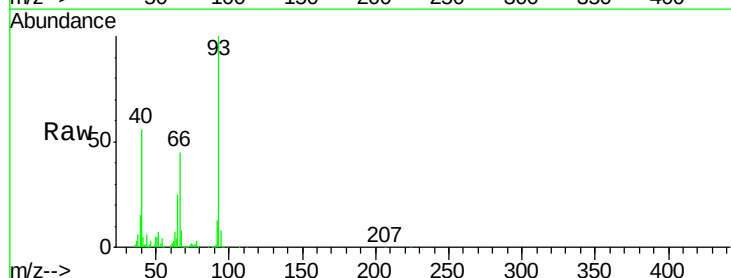
Tgt Ion: 93 Resp: 166048

Ion Ratio Lower Upper

93 100

66 44.8 37.5 56.3

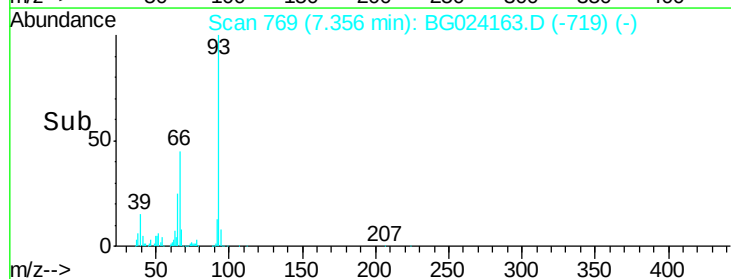
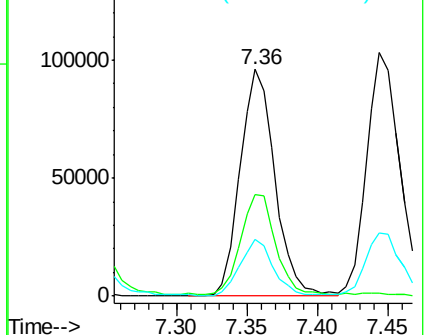
65 25.0 17.9 26.9

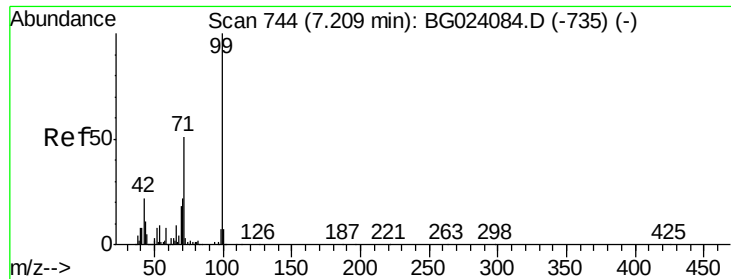


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 164.98 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

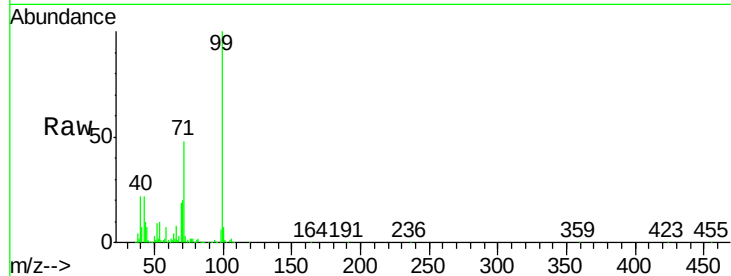
Tgt Ion: 99 Resp: 660435

Ion Ratio Lower Upper

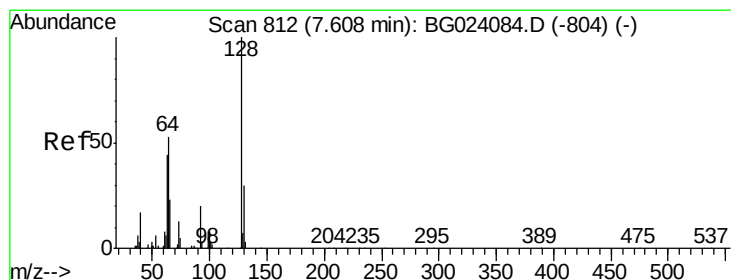
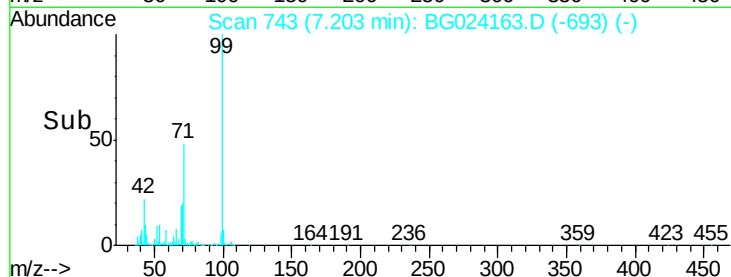
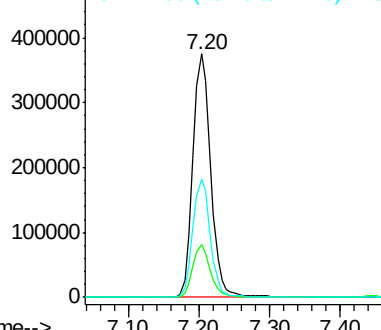
99 100

42 21.6 17.8 26.6

71 48.4 41.5 62.3



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: 54.59 ng

RT: 7.60 min Scan# 810

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

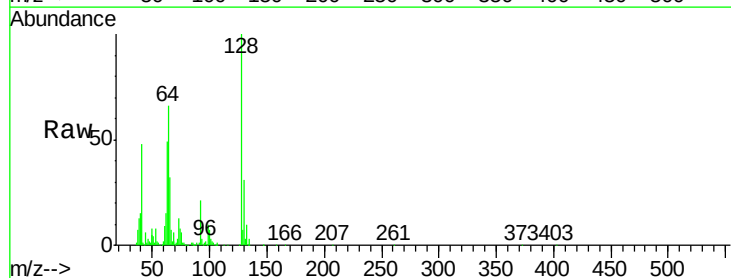
Tgt Ion: 128 Resp: 155462

Ion Ratio Lower Upper

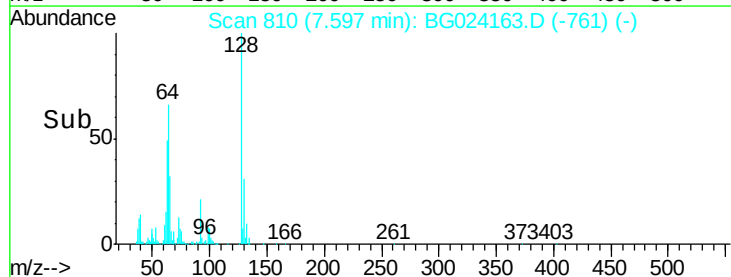
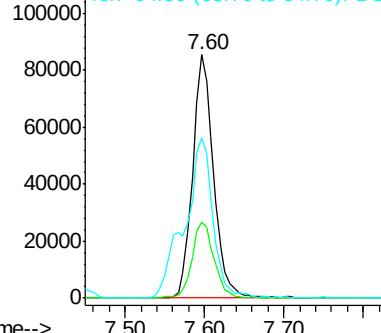
128 100

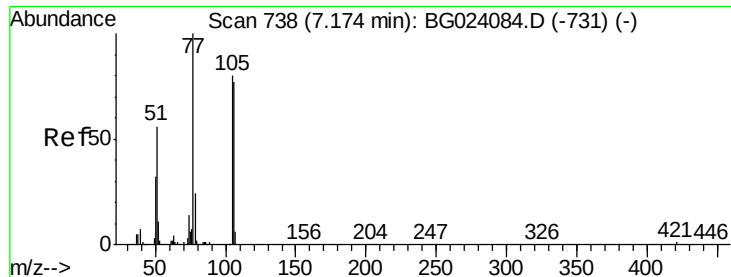
130 31.2 12.9 52.9

64 66.1 42.0 82.0



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: 49.82 ng

RT: 7.17 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

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SUP-B046-3-6MS

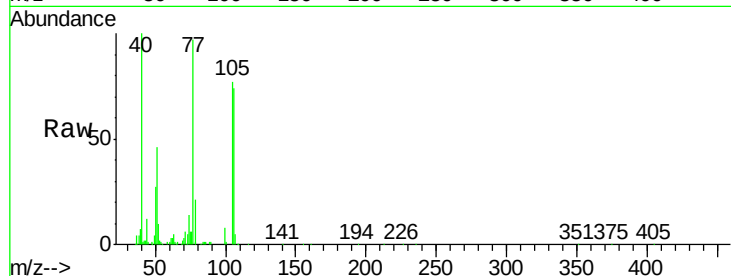
Tgt Ion: 77 Resp: 108603

Ion Ratio Lower Upper

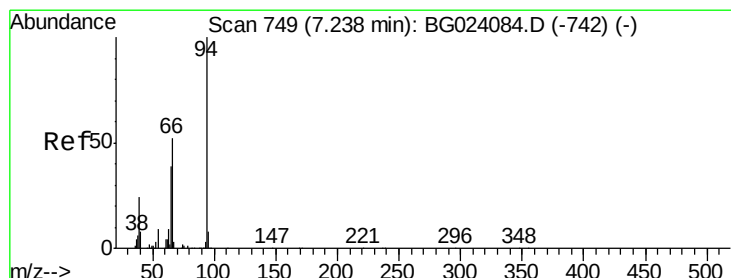
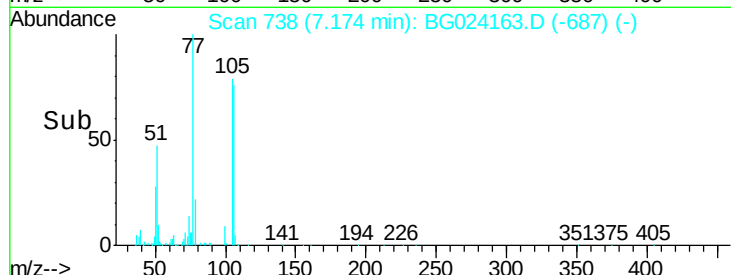
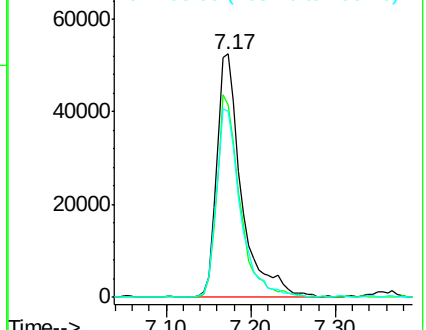
77 100

105 79.2 58.7 98.7

106 76.4 67.5 107.5



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: 59.19 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

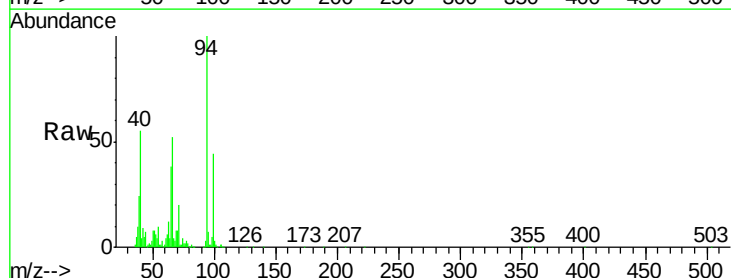
Tgt Ion: 94 Resp: 249087

Ion Ratio Lower Upper

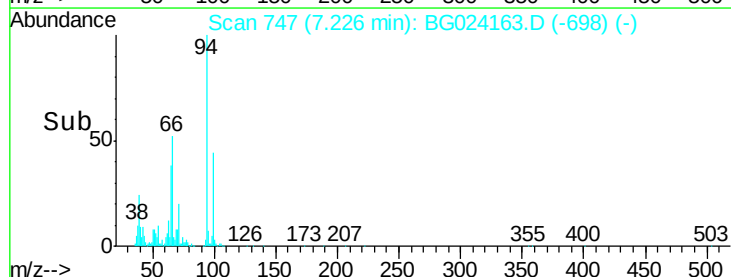
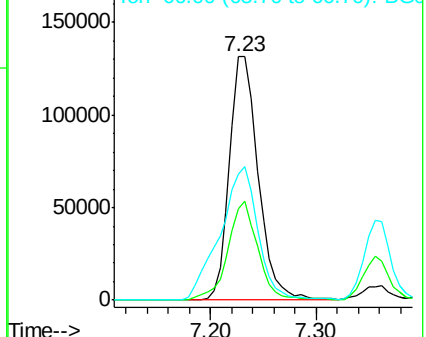
94 100

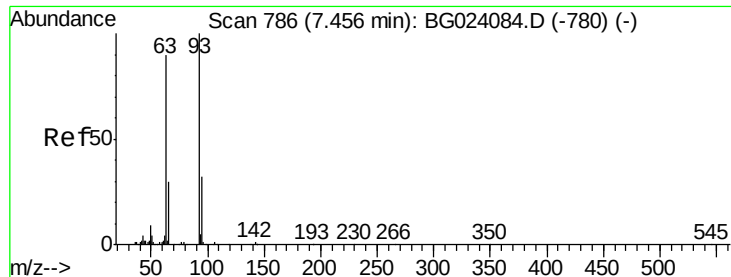
65 37.7 18.1 58.1

66 51.7 42.1 82.1



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

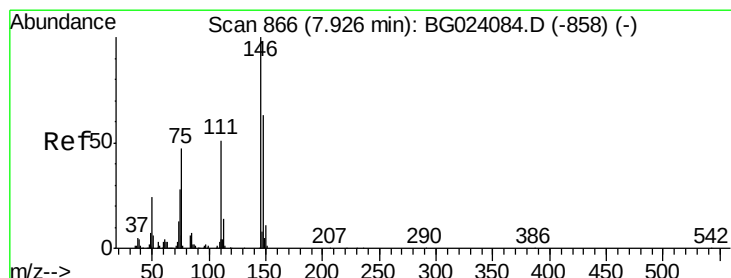
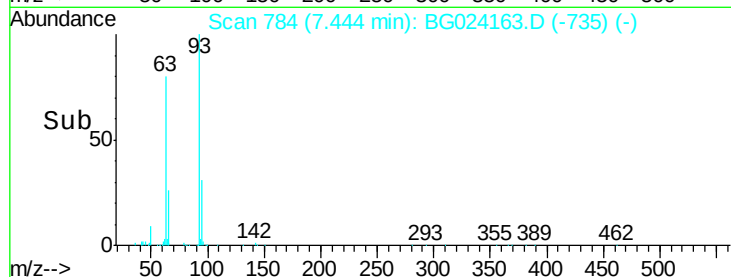
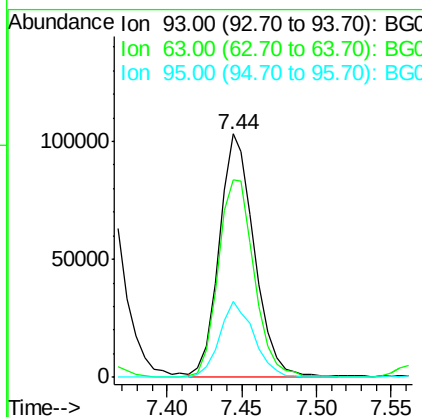
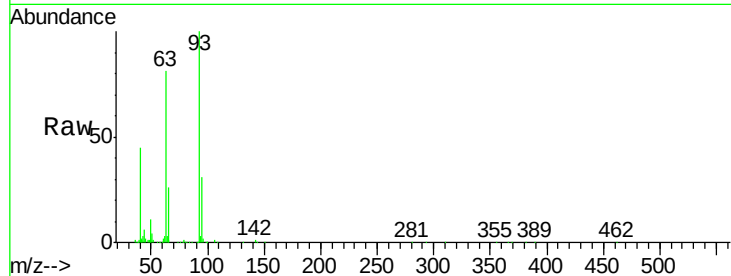




#11
 bis(2-Chloroethyl)ether
 Concen: 50.84 ng
 RT: 7.44 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

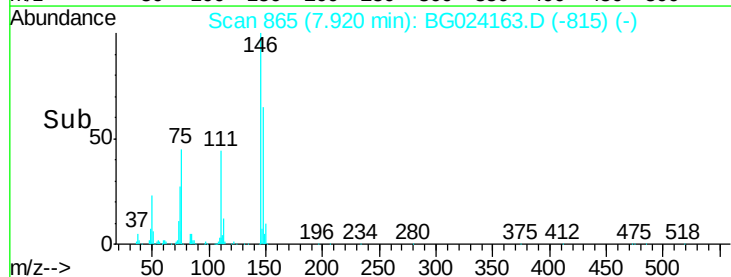
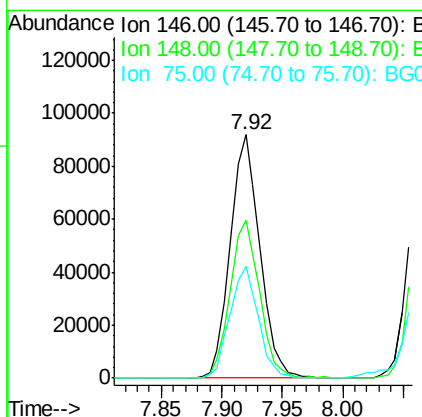
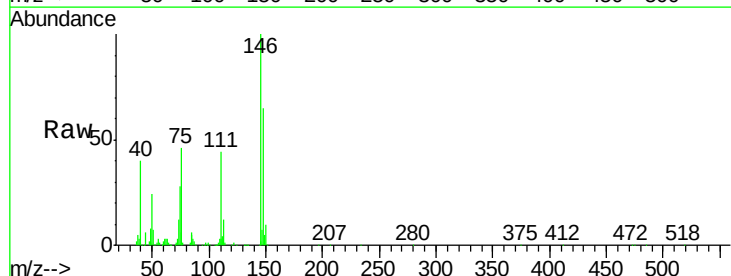
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

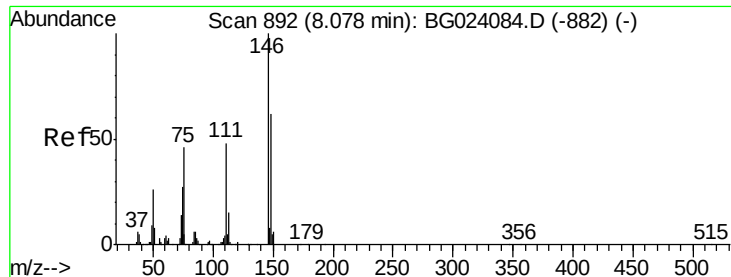
Tgt Ion:	93	Resp:	168735
Ion	Ratio	Lower	Upper
93	100		
63	80.9	55.0	95.0
95	31.4	11.0	51.0



#12
 1,3-Dichlorobenzene
 Concen: 49.39 ng
 RT: 7.92 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Tgt Ion:	146	Resp:	156854
Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.3	75.5
75	45.9	37.0	55.6

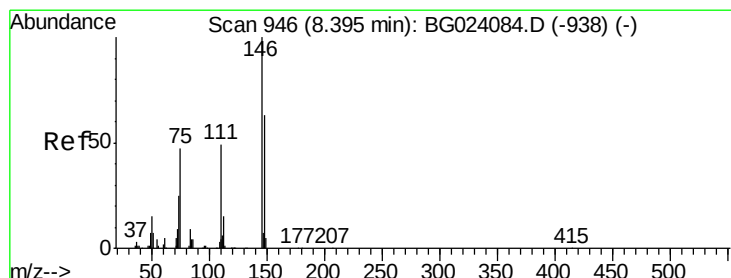
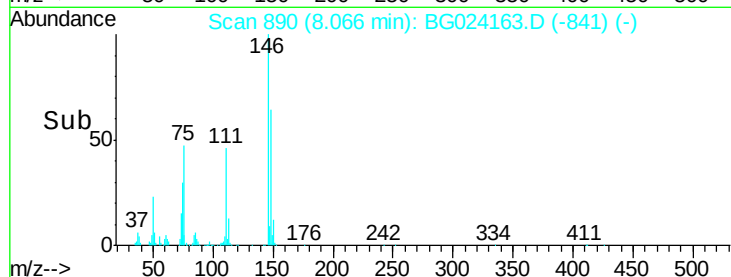
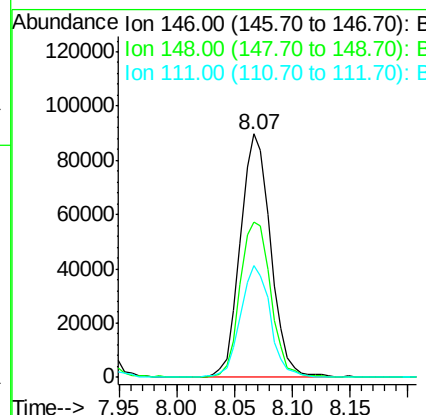
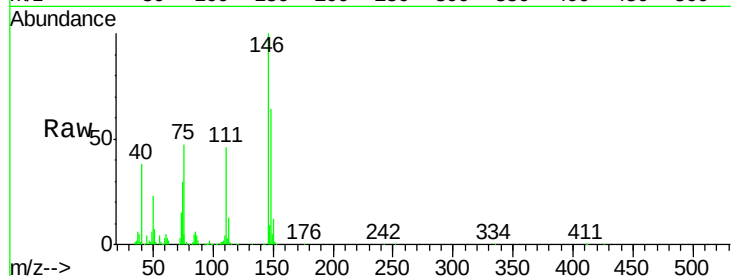




#13
 1,4-Dichlorobenzene
 Concen: 50.10 ng
 RT: 8.07 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

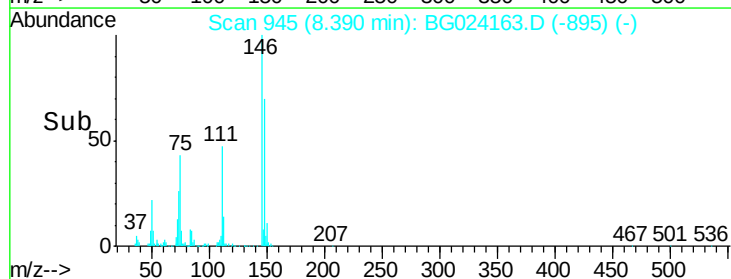
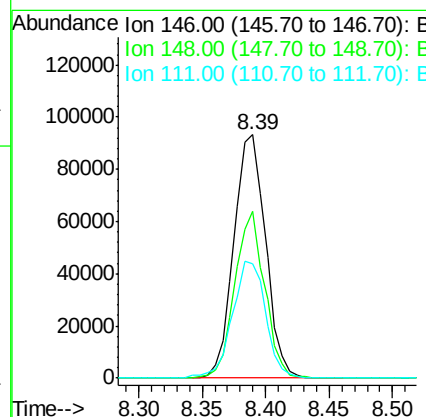
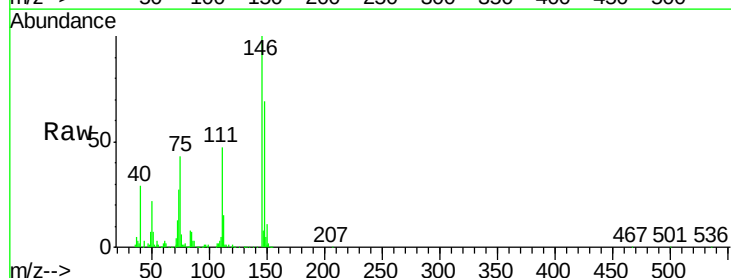
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

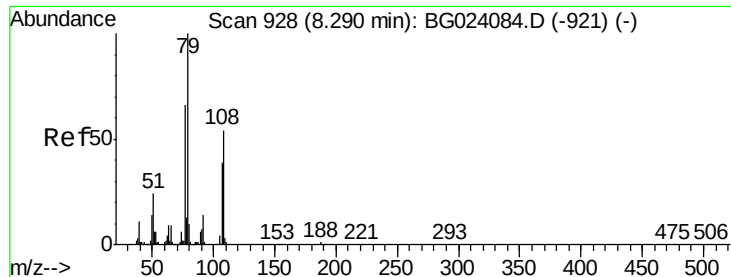
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	54.5	81.7
111	45.7	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 51.02 ng
 RT: 8.39 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.8	52.9	79.3
111	47.0	43.5	65.3





#15

Benzyl Alcohol

Concen: 50.56 ng

RT: 8.28 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

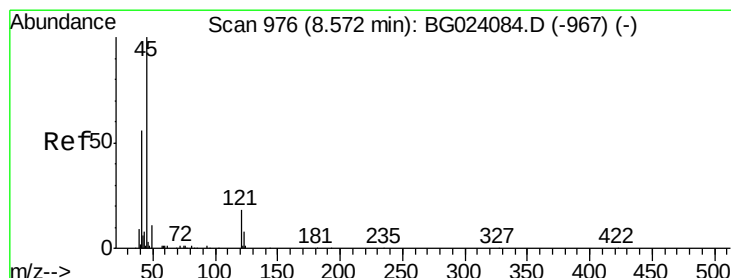
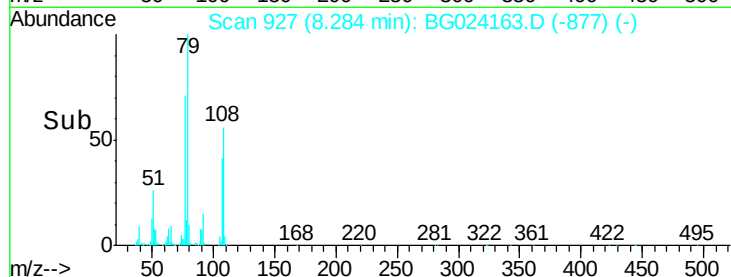
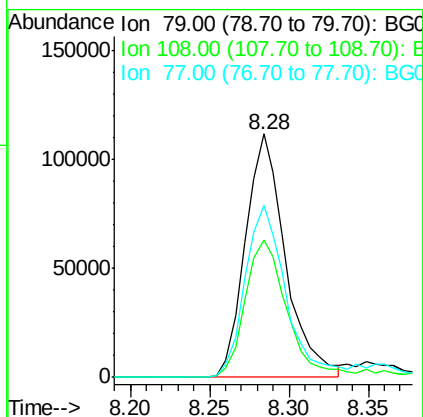
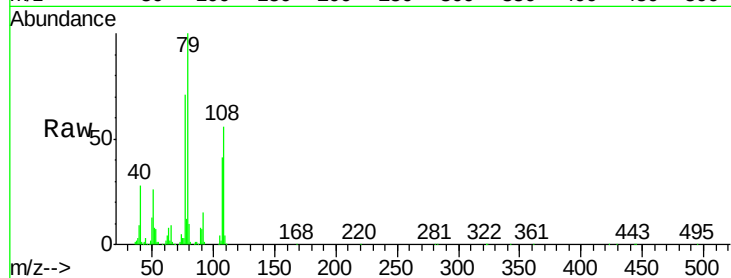
Tgt Ion: 79 Resp: 195865

Ion Ratio Lower Upper

79 100

108 56.2 46.5 69.7

77 70.5 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.96 ng

RT: 8.57 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

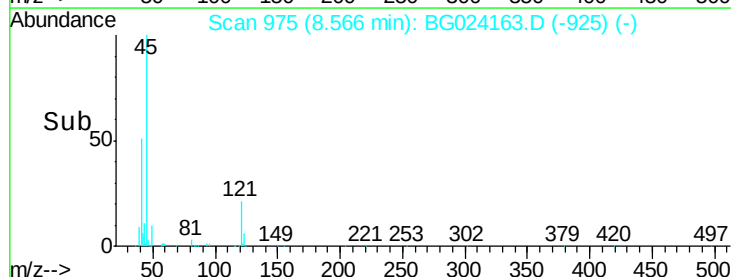
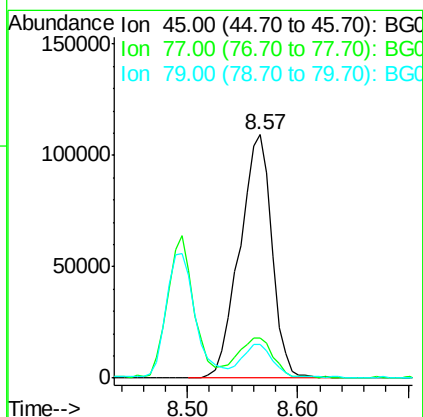
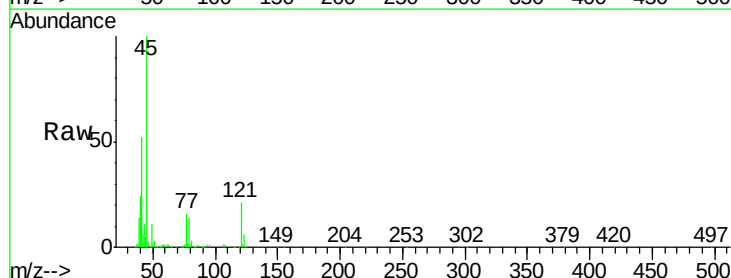
Tgt Ion: 45 Resp: 224343

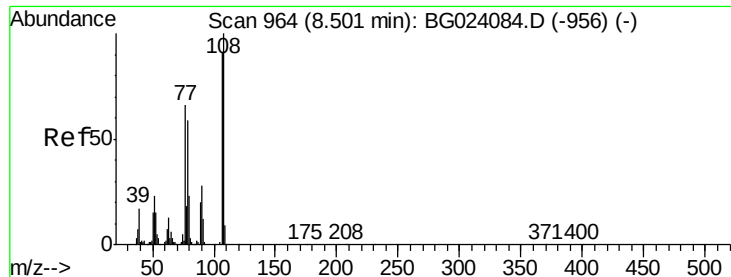
Ion Ratio Lower Upper

45 100

77 16.3 0.6 40.6

79 14.1 0.0 36.2





#17

2-Methylphenol

Concen: 57.11 ng

RT: 8.50 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

Tgt Ion:107 Resp: 159792

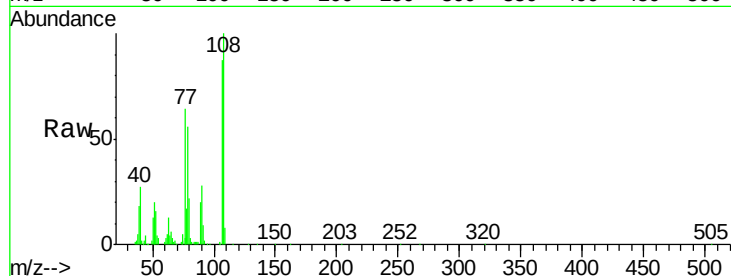
Ion Ratio Lower Upper

107 100

108 115.4 92.0 138.0

77 73.9 55.8 83.6

79 64.7 55.0 82.6

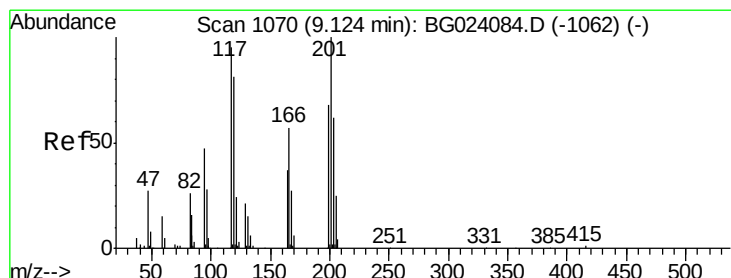
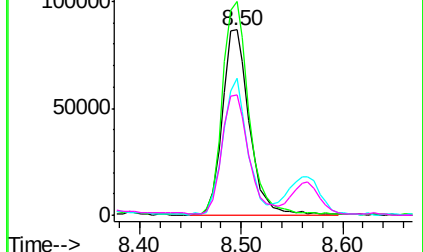
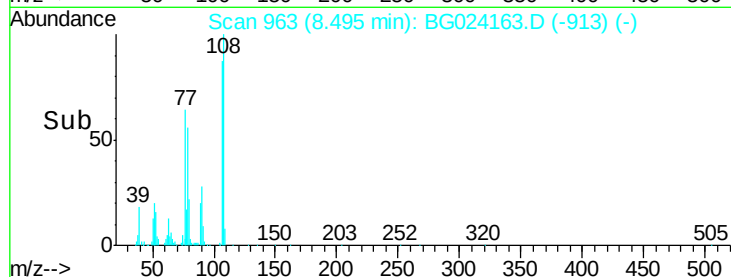


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 49.37 ng

RT: 9.11 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

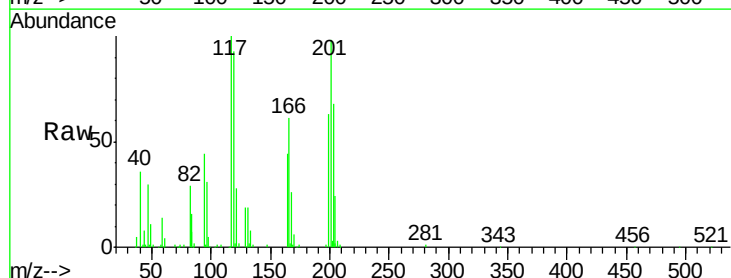
Tgt Ion:117 Resp: 67421

Ion Ratio Lower Upper

117 100

119 93.0 73.7 110.5

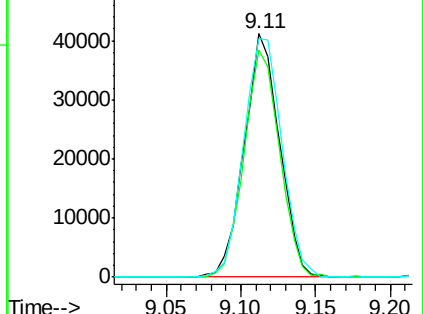
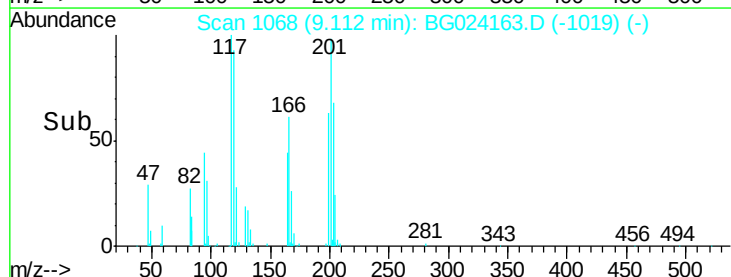
201 98.1 88.7 133.1

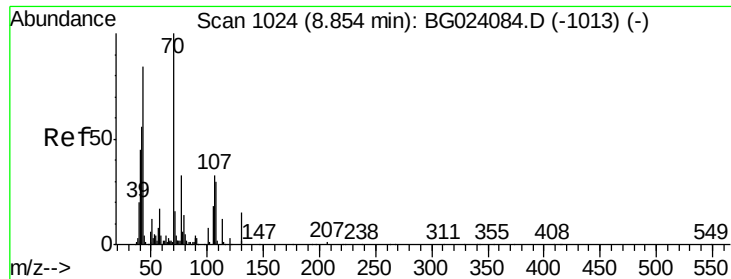


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

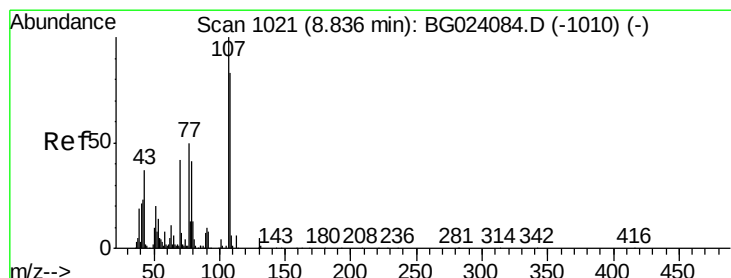
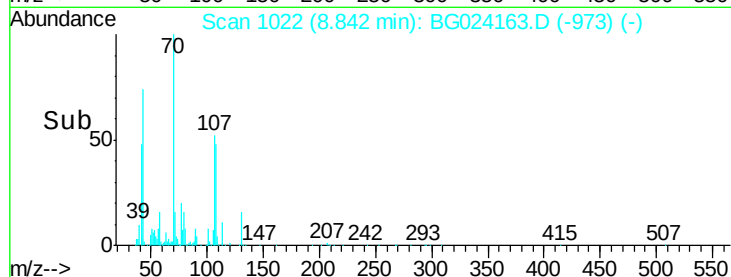
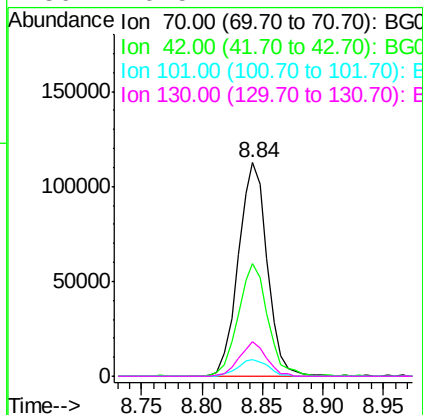
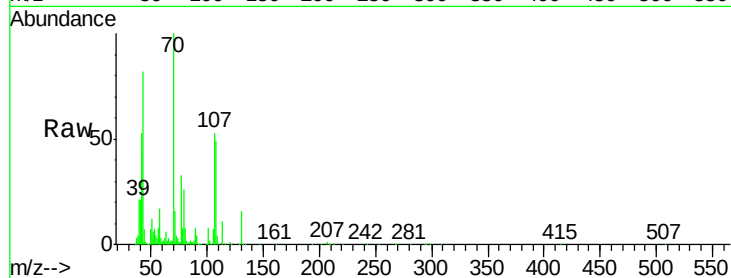




#19
n-Nitroso-di-n-propylamine
Concen: 47.69 ng
RT: 8.84 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

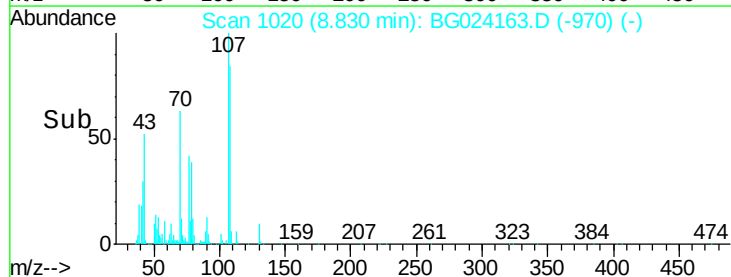
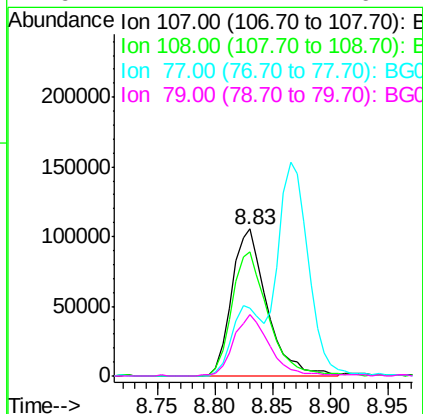
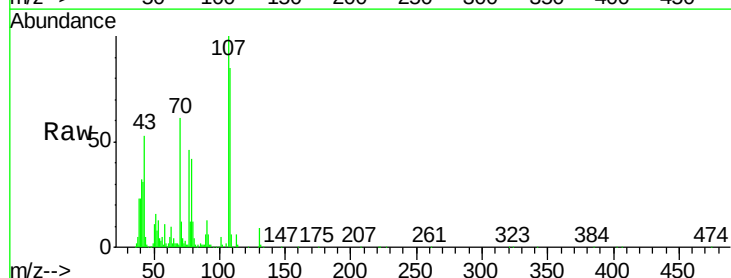
Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MS

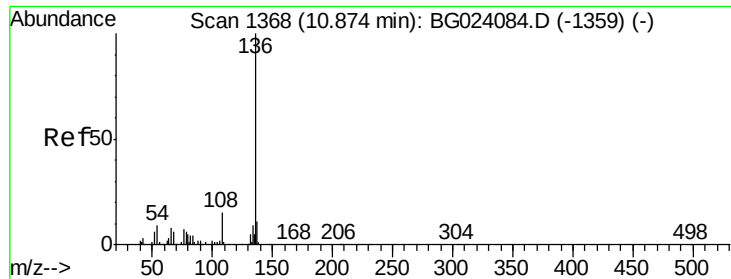
Tgt Ion:	70	Resp:	187500
Ion	Ratio	Lower	Upper
70	100		
42	52.9	42.1	63.1
101	8.0	7.2	10.8
130	16.5	14.2	21.2



#20
3+4-Methylphenols
Concen: 54.82 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Tgt Ion:	107	Resp:	222786
Ion	Ratio	Lower	Upper
107	100		
108	84.8	72.5	112.5
77	46.2	30.1	70.1
79	42.2	24.2	64.2

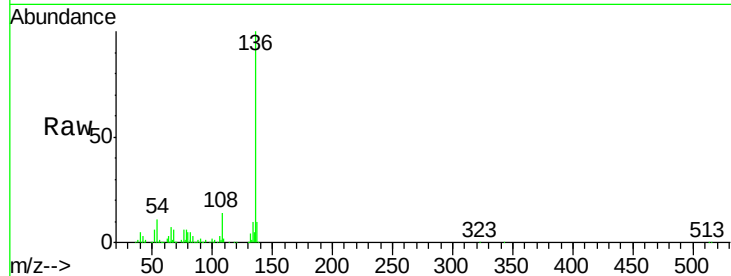




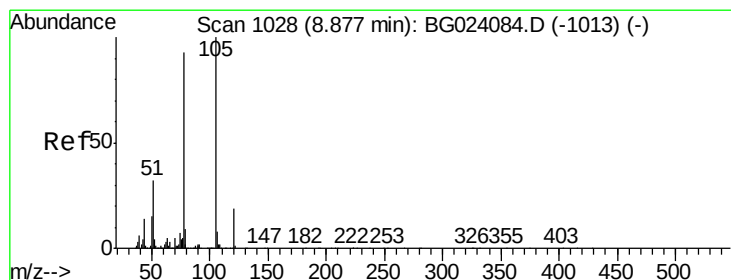
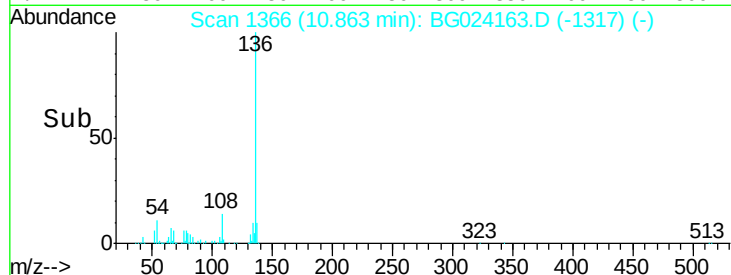
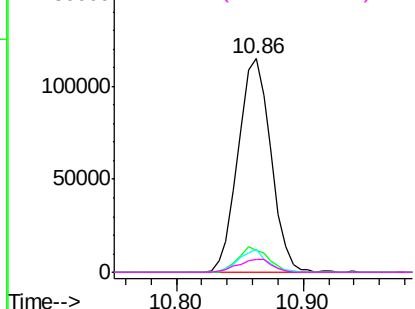
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MS

Tgt Ion:	136	Resp:	206034
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	10.8	7.3	10.9
68	5.8	5.3	7.9

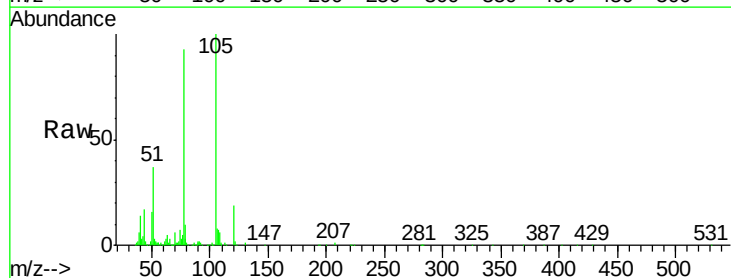


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

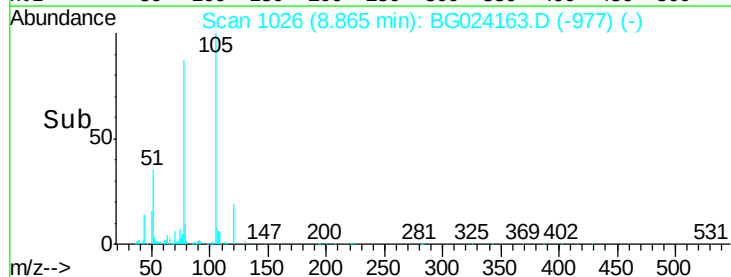
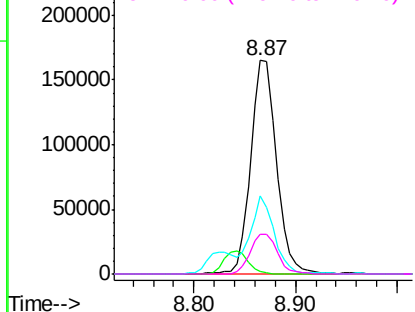


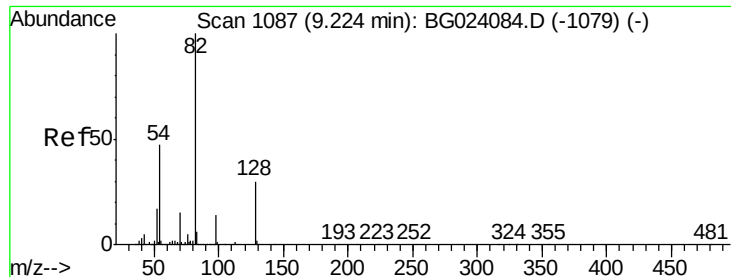
#22
Acetophenone
Concen: 49.39 ng
RT: 8.87 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Tgt Ion:	105	Resp:	293548
Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.6	3.8#
51	36.7	27.1	40.7
120	18.8	15.1	22.7



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

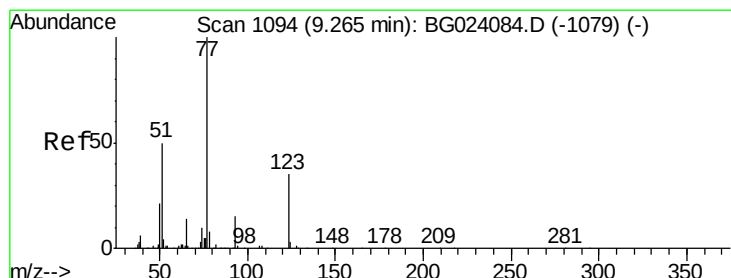
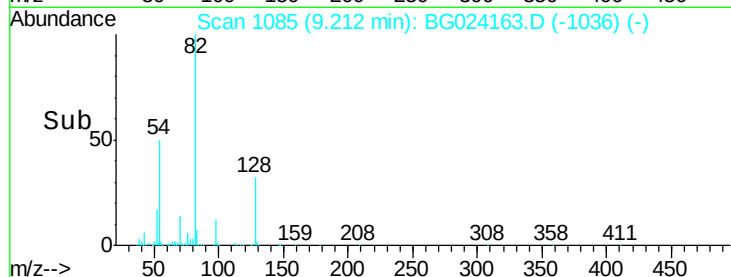
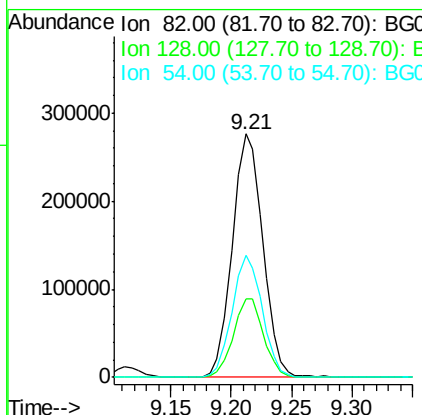
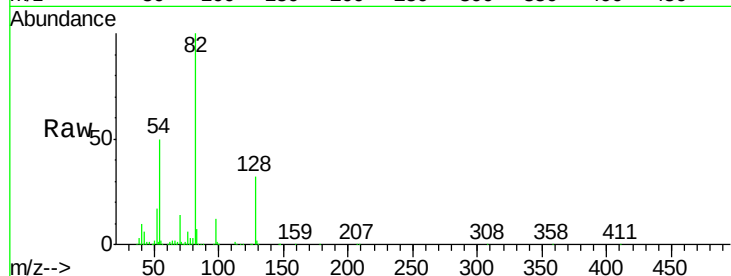




#23
 Nitrobenzene-d5
 Concen: 93.25 ng
 RT: 9.21 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

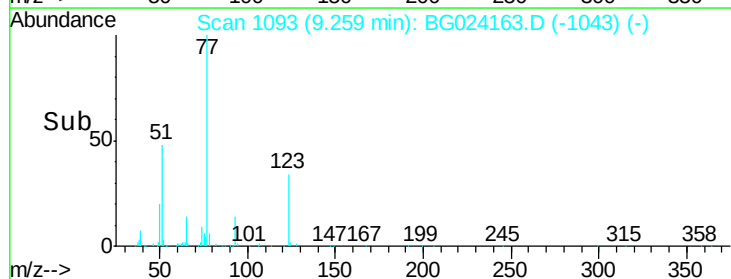
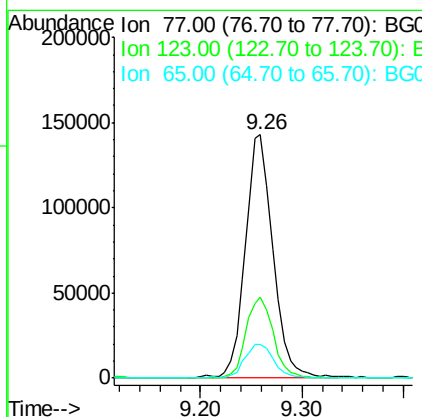
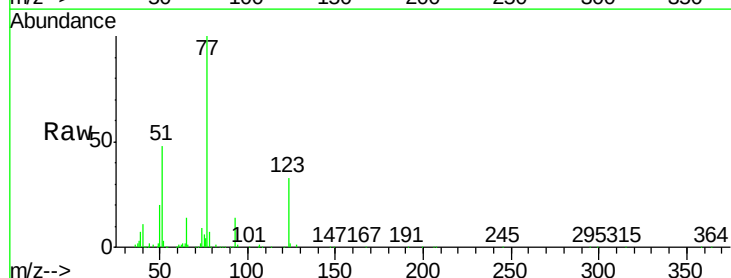
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

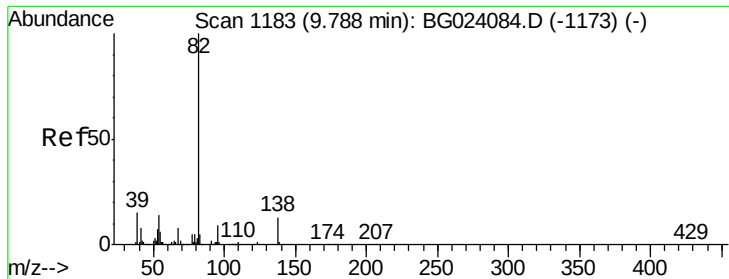
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.3	24.4	36.6
54	49.9	41.4	62.0



#24
 Nitrobenzene
 Concen: 48.06 ng
 RT: 9.26 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.3	25.0	37.6
65	13.9	13.4	20.0





#25

Isophorone

Concen: 47.18 ng

RT: 9.78 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

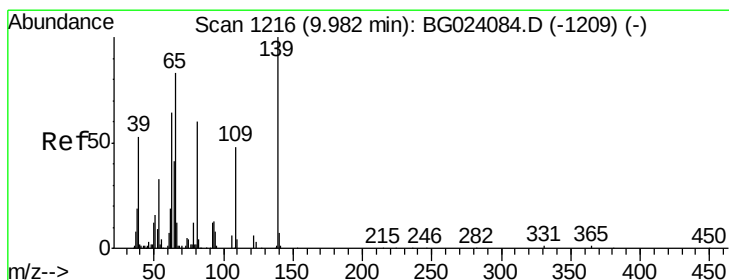
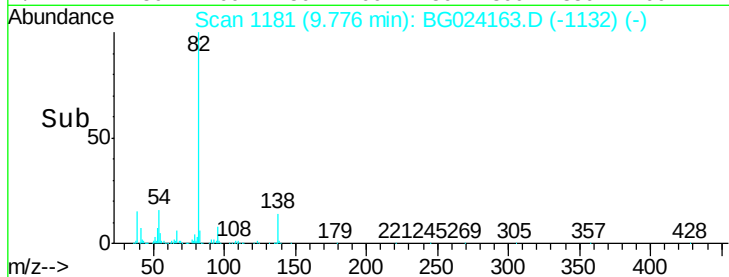
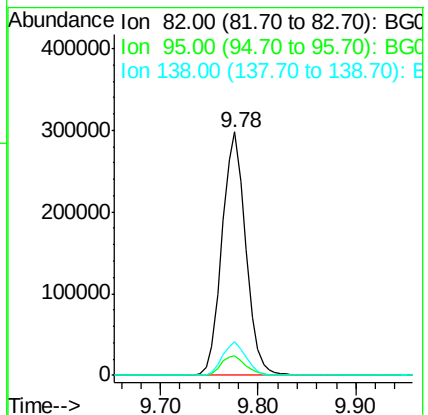
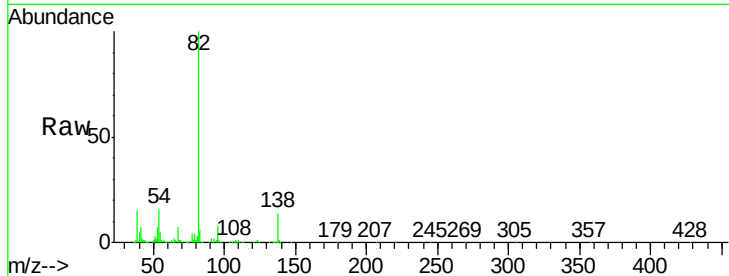
Tgt Ion: 82 Resp: 503063

Ion Ratio Lower Upper

82 100

95 7.9 8.2 12.2#

138 13.9 10.7 16.1



#26

2-Nitrophenol

Concen: 47.30 ng

RT: 9.98 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

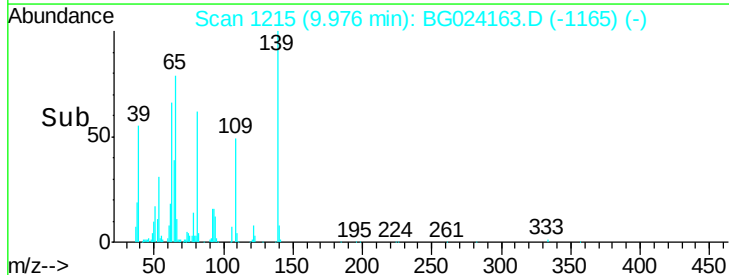
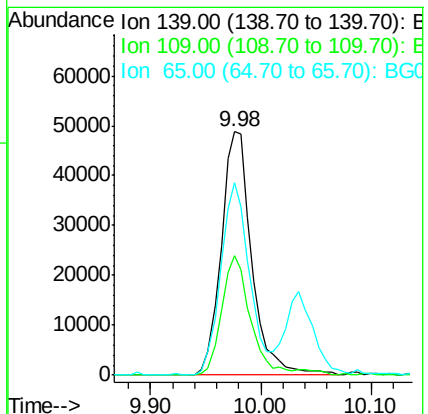
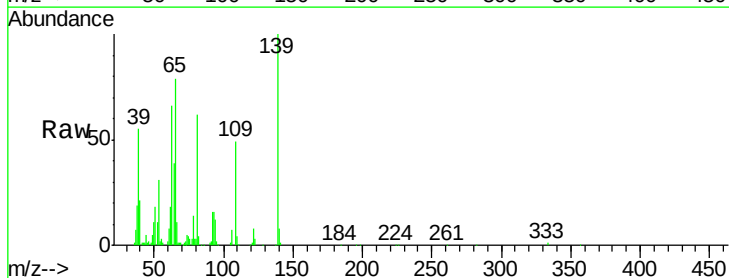
Tgt Ion: 139 Resp: 94018

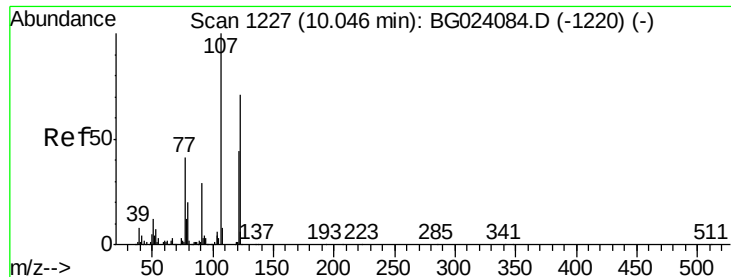
Ion Ratio Lower Upper

139 100

109 49.1 43.5 65.3

65 79.2 64.3 96.5

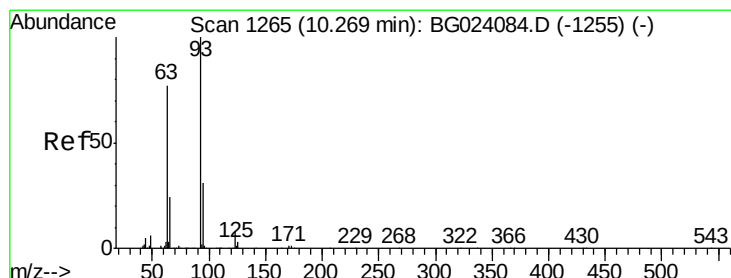
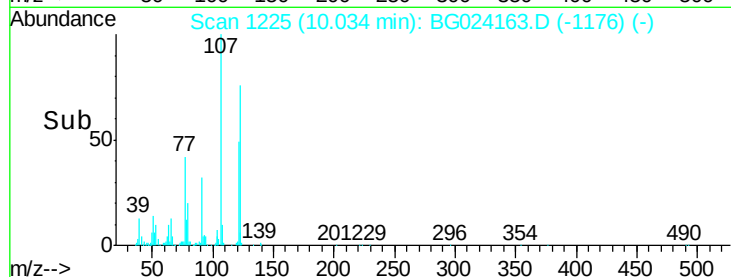
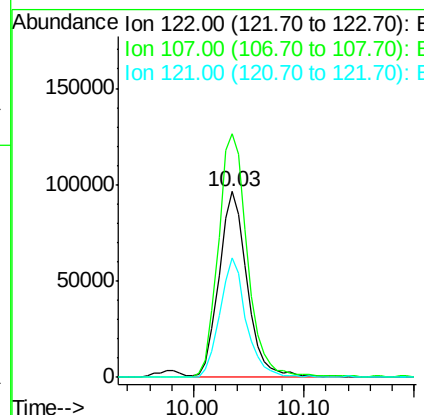
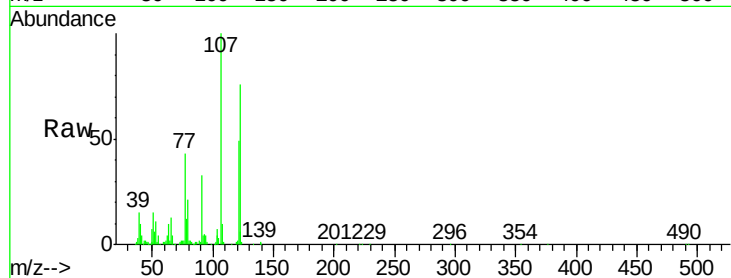




#27
 2,4-Dimethylphenol
 Concen: 51.13 ng
 RT: 10.03 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

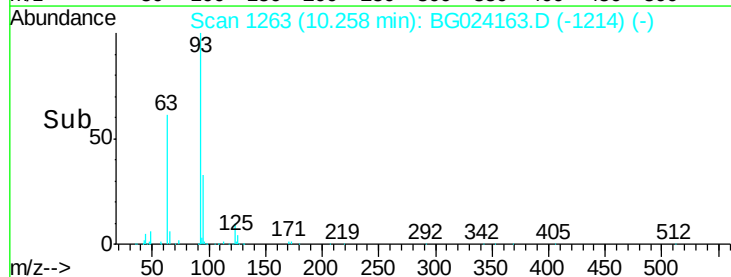
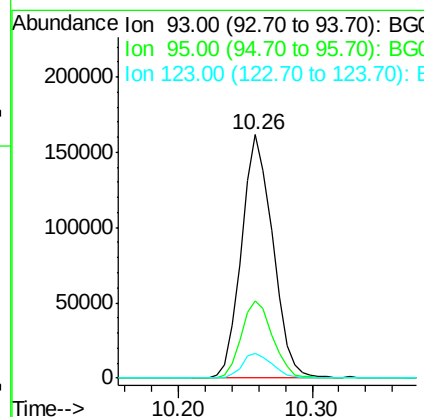
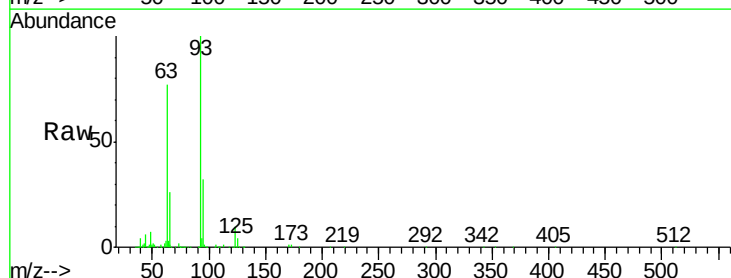
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

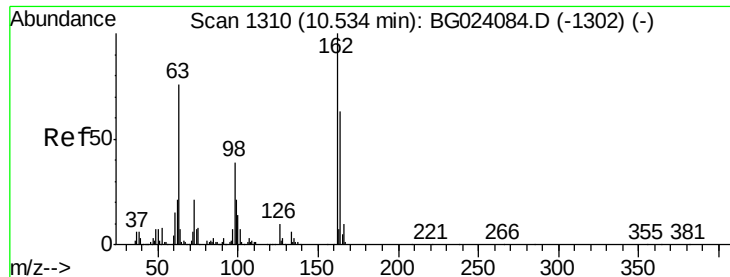
Tgt Ion	Ratio	Lower	Upper
122	100		
107	131.3	117.0	175.4
121	64.1	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.53 ng
 RT: 10.26 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.4	38.2
123	10.4	8.2	12.2

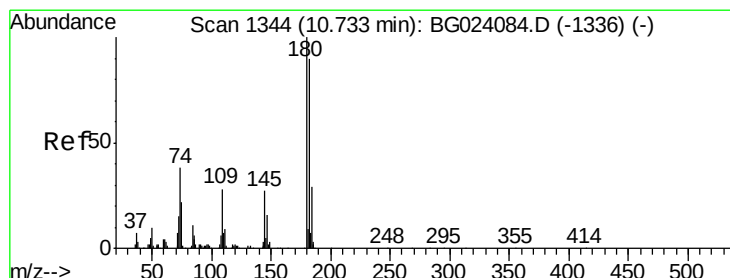
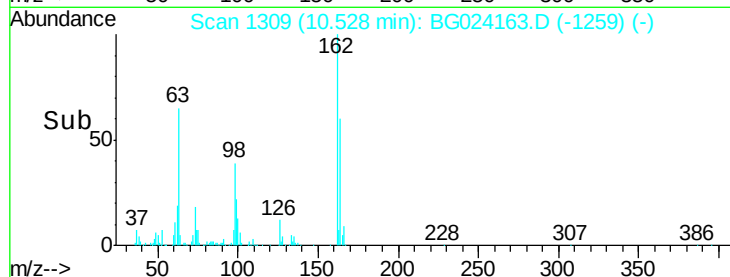
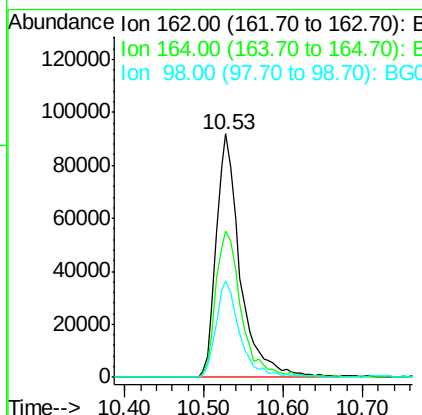
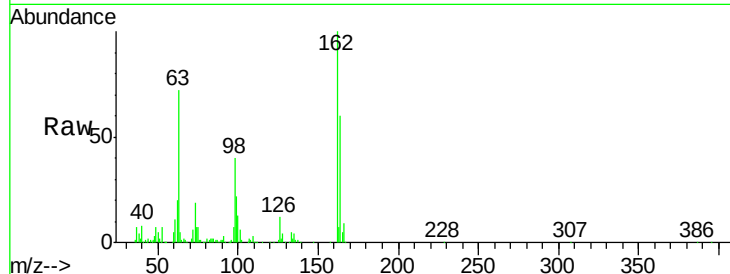




#29
 2,4-Dichlorophenol
 Concen: 55.62 ng
 RT: 10.53 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

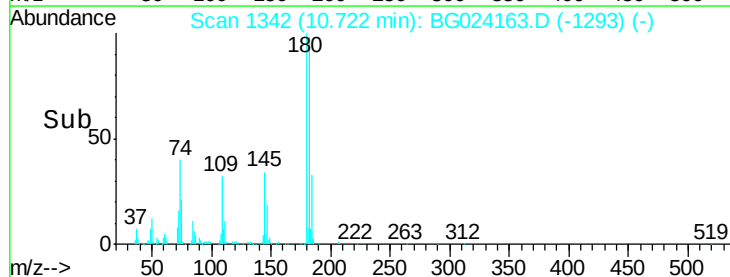
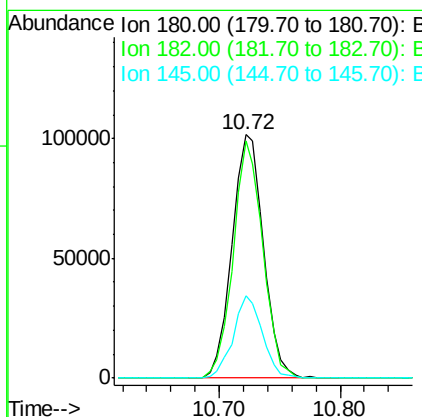
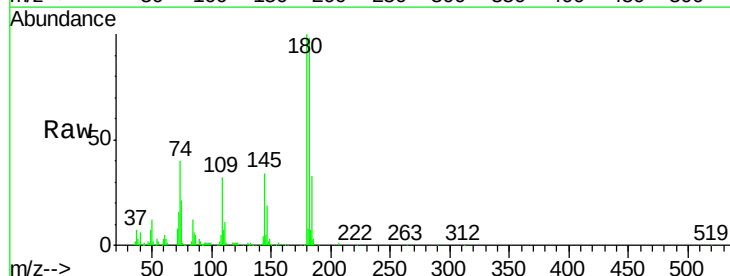
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

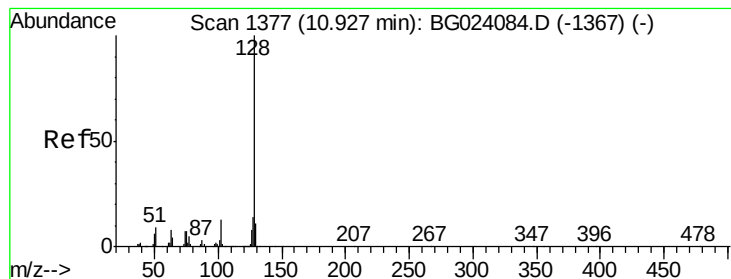
Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.2	44.3	84.3
98	39.6	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 49.63 ng
 RT: 10.72 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	73.8	110.8
145	33.9	24.4	36.6





#31

Naphthalene

Concen: 51.56 ng

RT: 10.91 min Scan# 1374

Delta R.T. -0.02 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

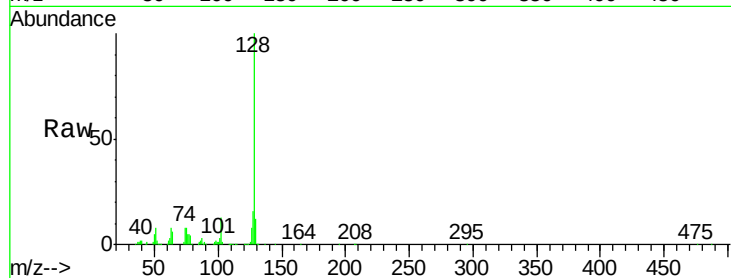
Tgt Ion:128 Resp: 538127

Ion Ratio Lower Upper

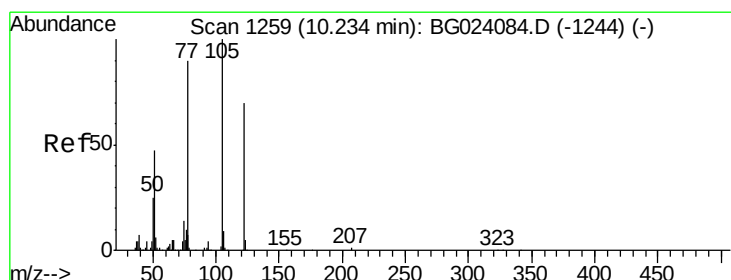
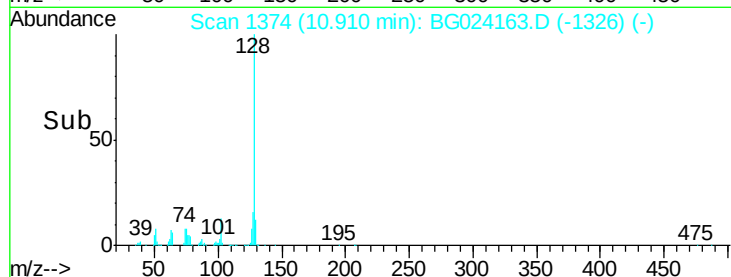
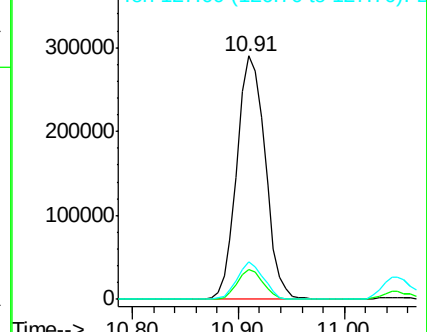
128 100

129 12.1 9.4 14.0

127 15.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 61.55 ng

RT: 10.03 min Scan# 1225

Delta R.T. -0.20 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

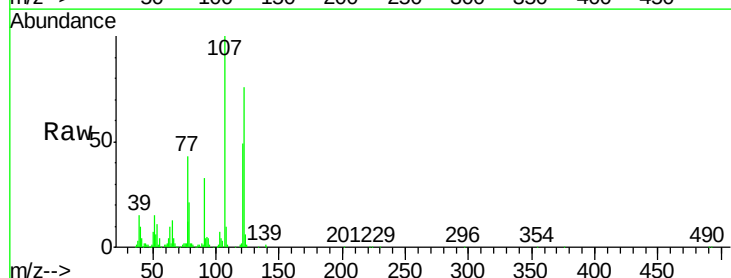
Tgt Ion:122 Resp: 169971

Ion Ratio Lower Upper

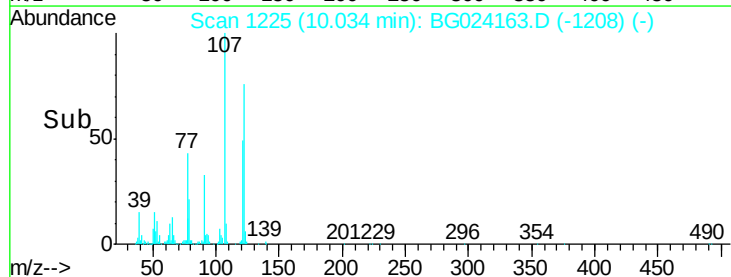
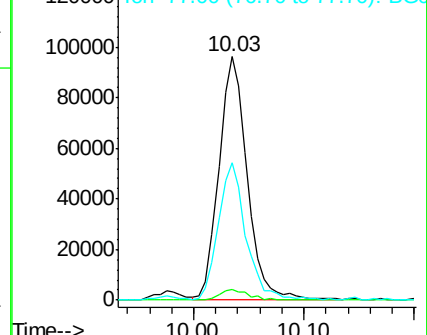
122 100

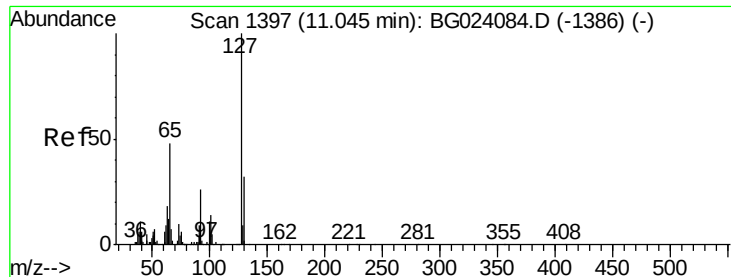
105 4.5 117.2 157.2#

77 56.4 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

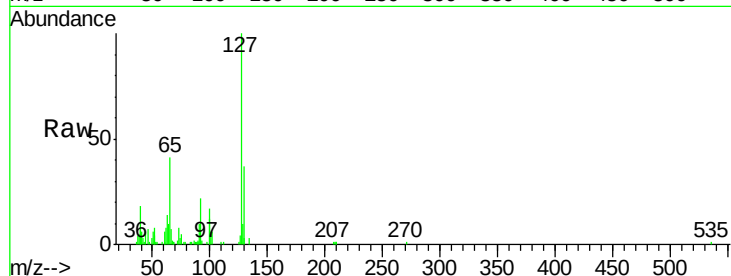




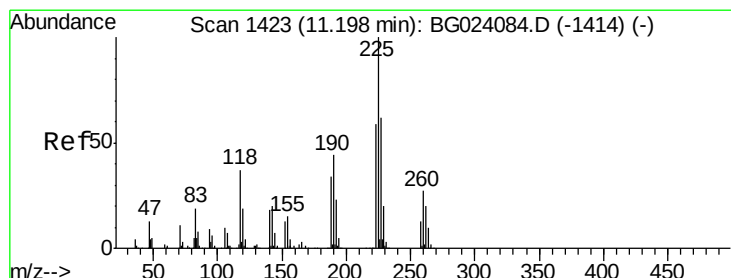
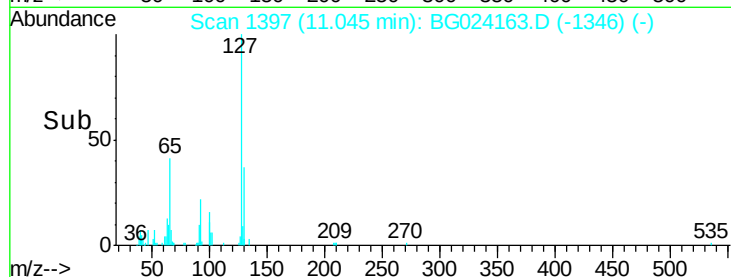
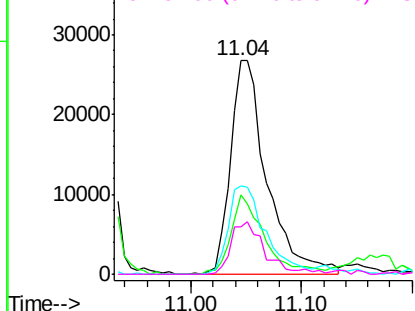
#33
4-Chloroaniline
Concen: 13.31 ng
RT: 11.04 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MS

Tgt Ion:	127	Resp:	62012
Ion	Ratio	Lower	Upper
127	100		
129	37.2	27.9	41.9
65	41.3	36.8	55.2
92	22.3	21.0	31.6

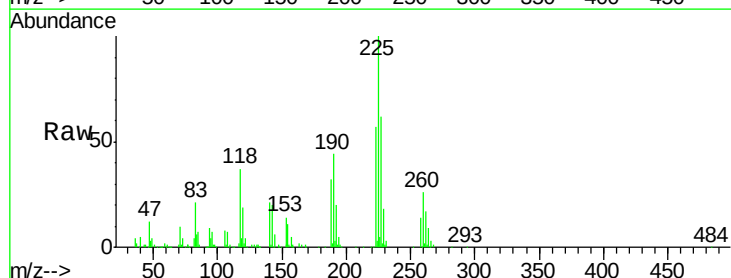


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

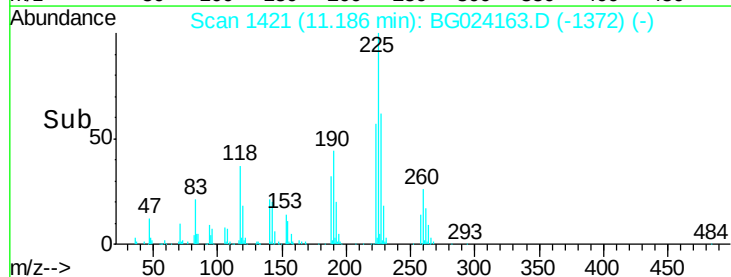
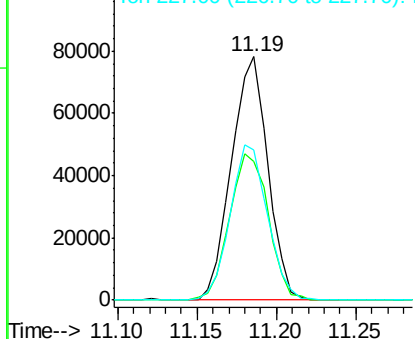


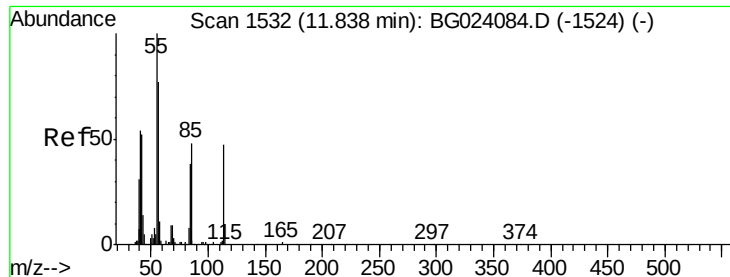
#34
Hexachlorobutadiene
Concen: 42.53 ng
RT: 11.19 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Tgt Ion:	225	Resp:	123951
Ion	Ratio	Lower	Upper
225	100		
223	56.8	49.6	74.4
227	61.8	54.5	81.7



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





#35

Caprolactam

Concen: 12.98 ng

RT: 11.87 min Scan# 1538

Delta R.T. 0.04 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

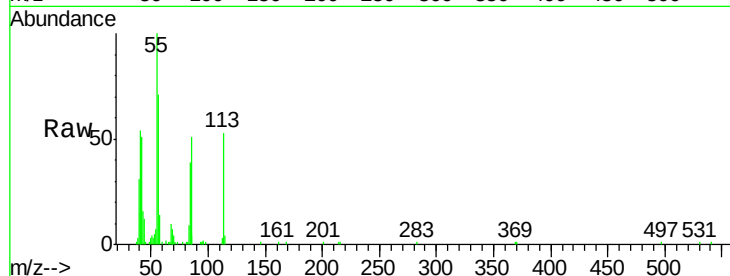
Tgt Ion:113 Resp: 18261

Ion Ratio Lower Upper

113 100

55 188.6 154.5 194.5

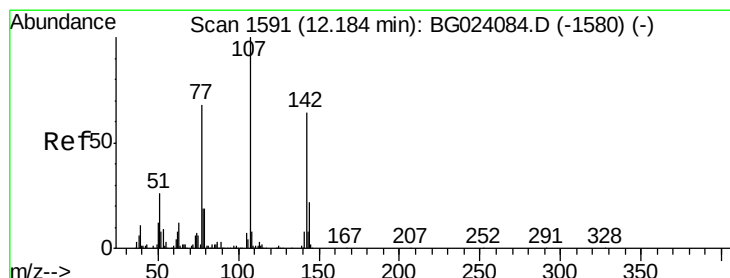
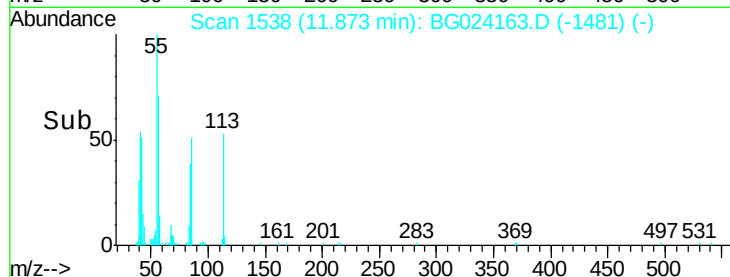
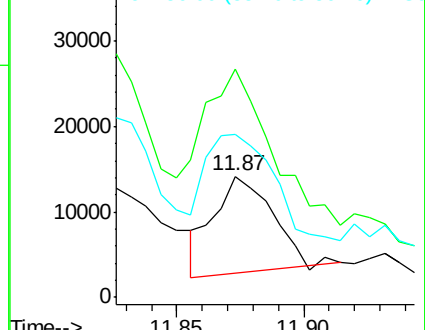
56 134.1 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG024084.D (-1524) (-)

Ion 56.00 (55.70 to 56.70): BG024084.D (-1524) (-)



#36

4-Chloro-3-methylphenol

Concen: 52.01 ng

RT: 12.17 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

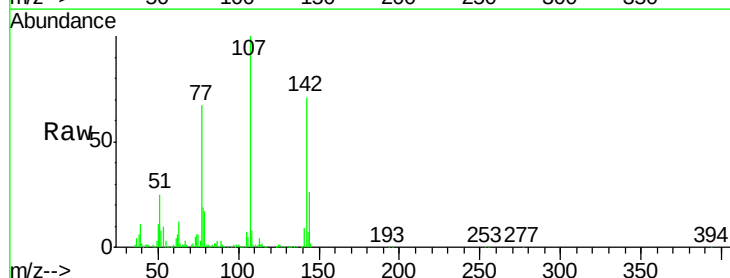
Tgt Ion:107 Resp: 253162

Ion Ratio Lower Upper

107 100

144 25.5 17.0 25.6

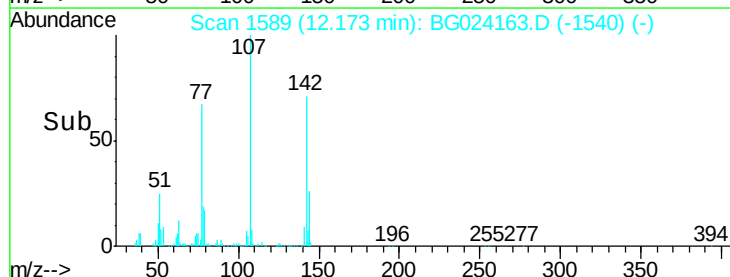
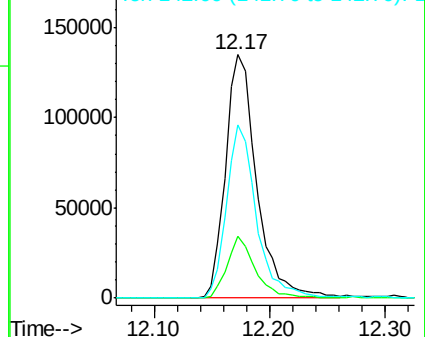
142 70.9 53.0 79.6

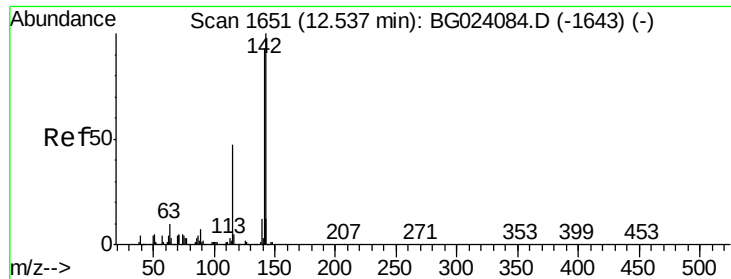


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

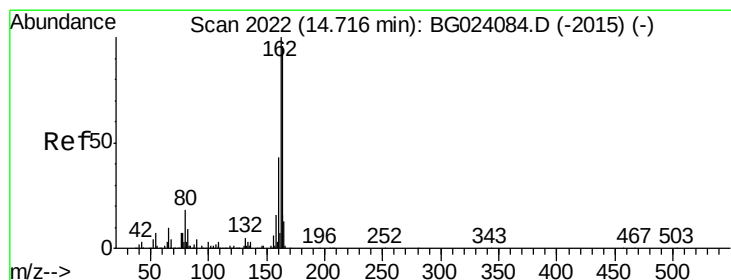
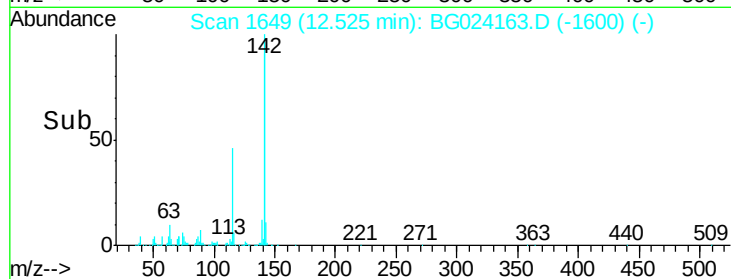
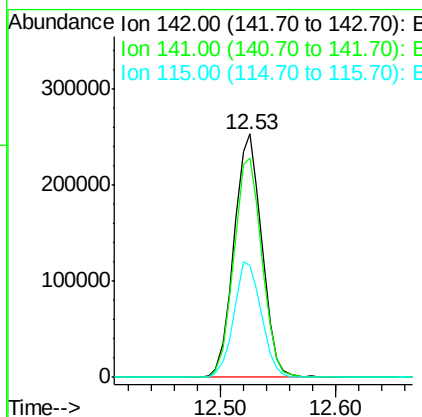
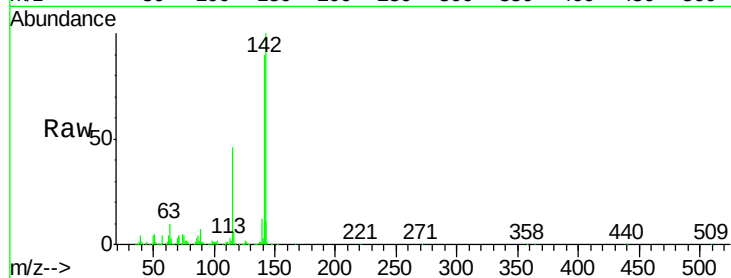




#37
2-Methylnaphthalene
Concen: 52.74 ng
RT: 12.53 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

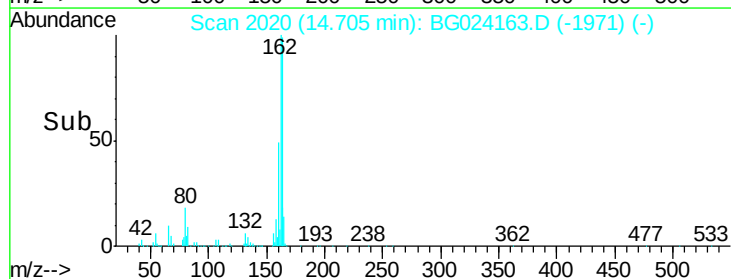
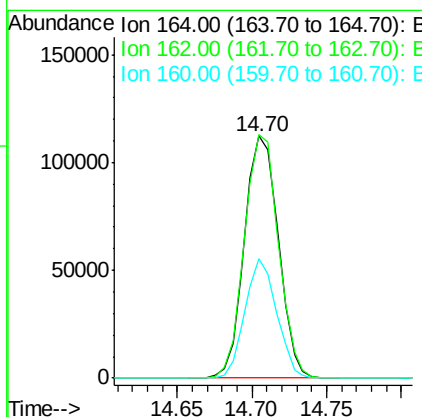
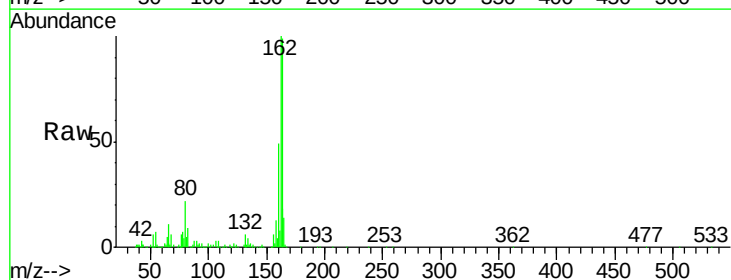
Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MS

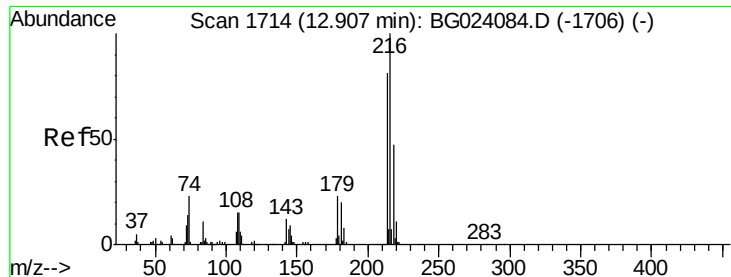
Tgt Ion:142 Resp: 421510
Ion Ratio Lower Upper
142 100
141 90.1 70.2 105.2
115 45.8 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Tgt Ion:164 Resp: 176247
Ion Ratio Lower Upper
164 100
162 100.6 87.7 131.5
160 49.3 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.20 ng

RT: 12.90 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

Tgt Ion:216 Resp: 242854

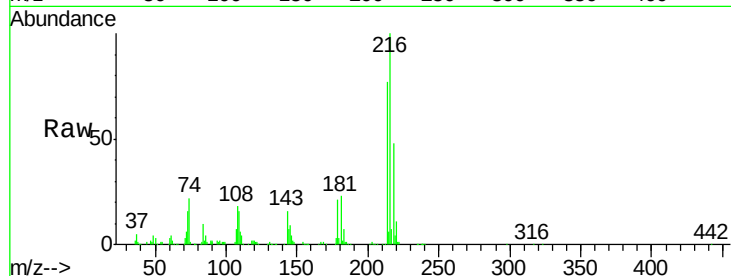
Ion Ratio Lower Upper

216 100

214 78.3 62.9 94.3

179 22.5 17.2 25.8

108 21.8 16.3 24.5

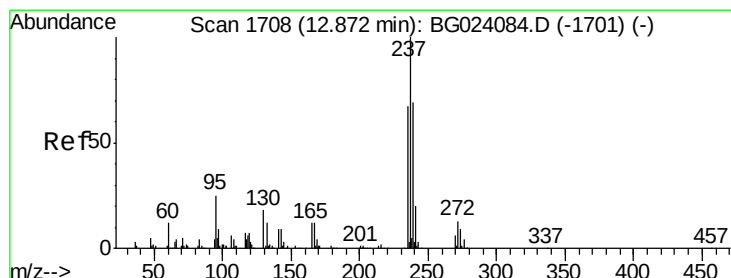
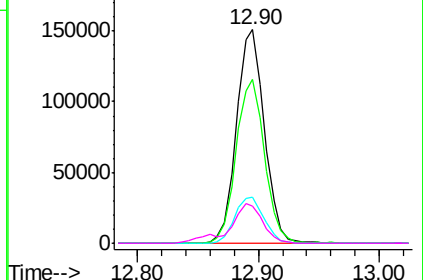
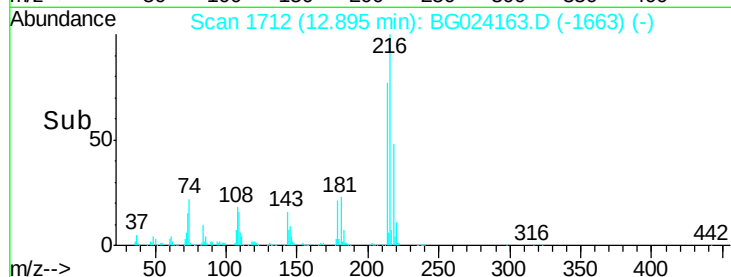


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.39 ng

RT: 12.86 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

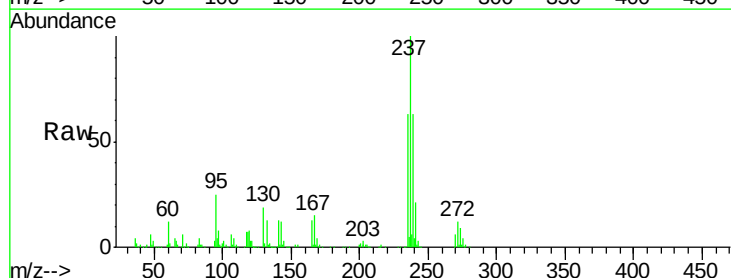
Tgt Ion:237 Resp: 218415

Ion Ratio Lower Upper

237 100

235 63.4 43.1 83.1

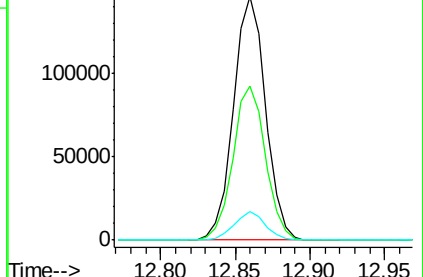
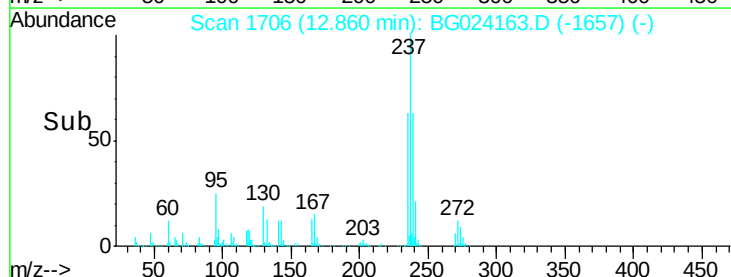
272 11.5 0.0 30.9

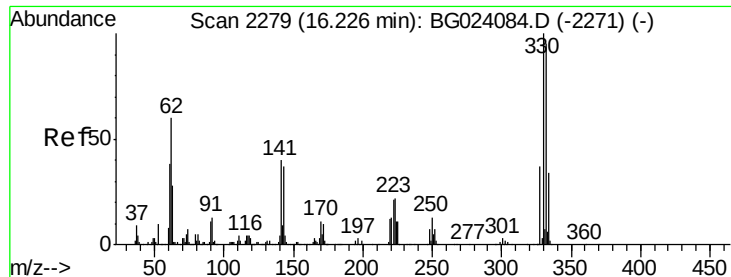


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

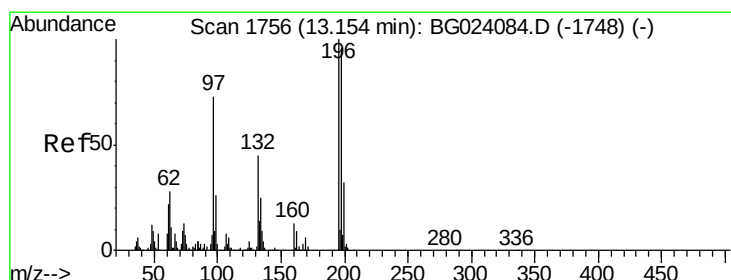
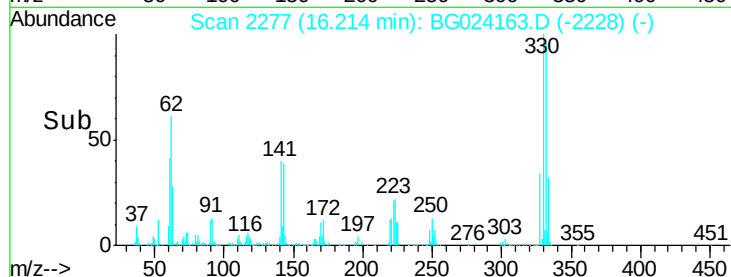
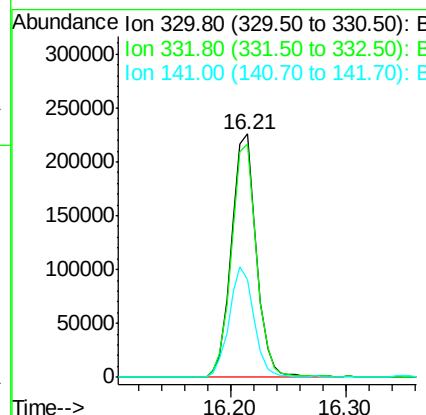
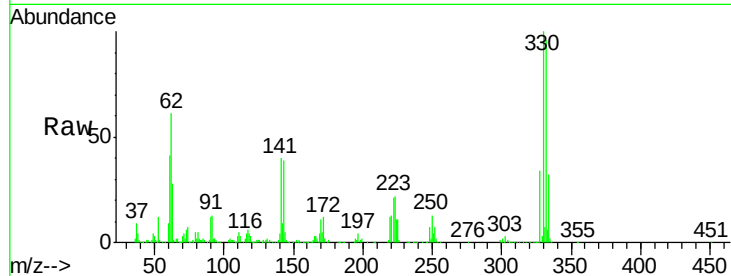




#41
 2,4,6-Tribromophenol
 Concen: 133.21 ng
 RT: 16.21 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

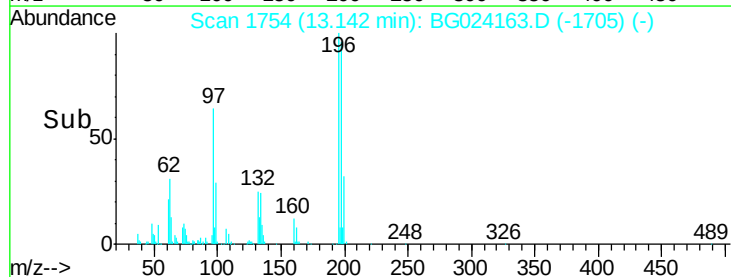
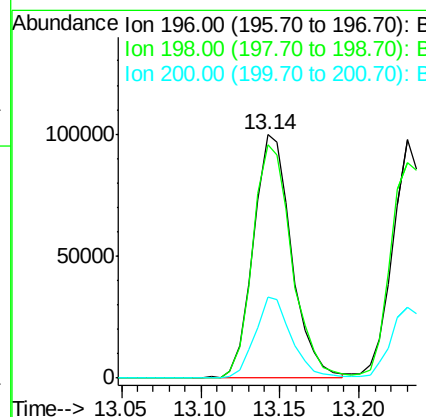
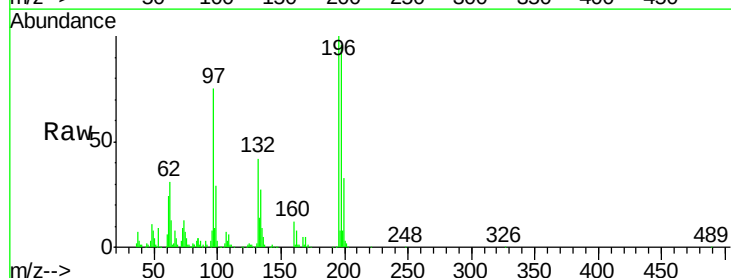
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

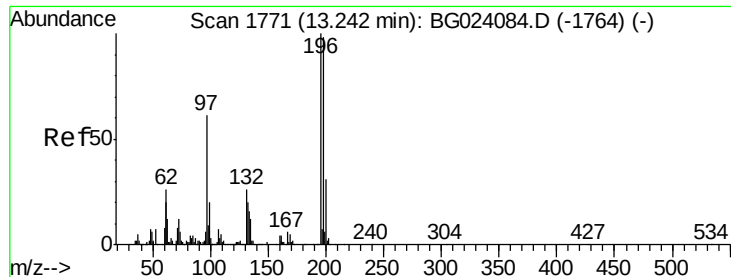
Tgt Ion:330 Resp: 337473
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 45.0 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 50.35 ng
 RT: 13.14 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Tgt Ion:196 Resp: 167548
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.2 117.2
 200 33.3 27.0 40.4

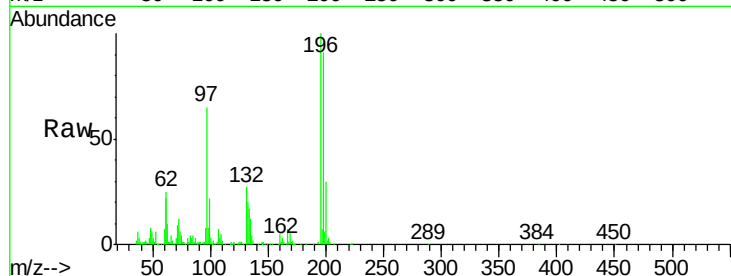




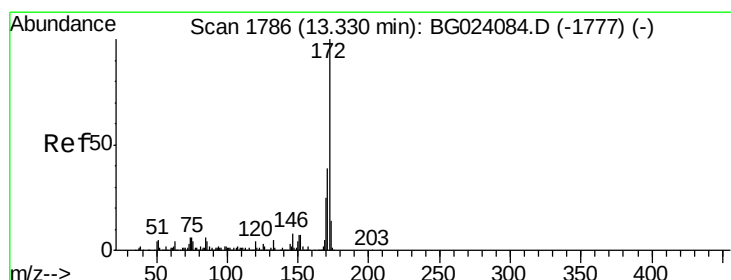
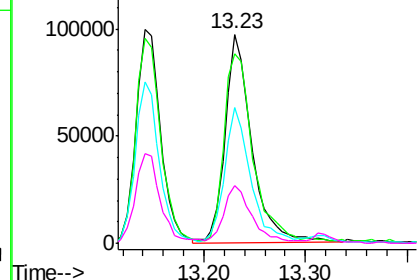
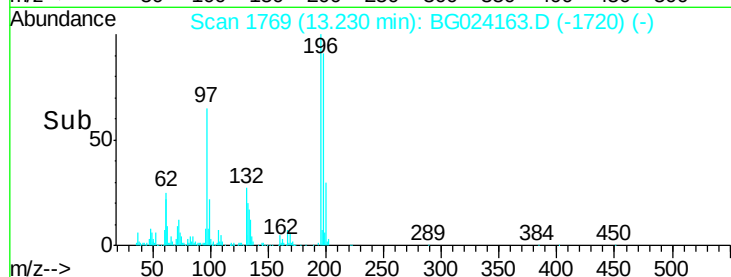
#43
 2,4,5-Trichlorophenol
 Concen: 51.69 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

Tgt Ion:	196	Resp:	176984
Ion	Ratio	Lower	Upper
196	100		
198	90.5	85.7	128.5
97	64.9	45.5	68.3
132	27.3	18.9	28.3

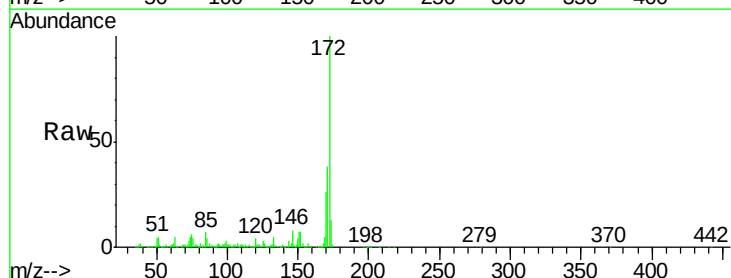


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

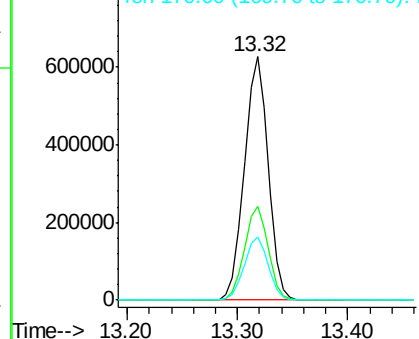
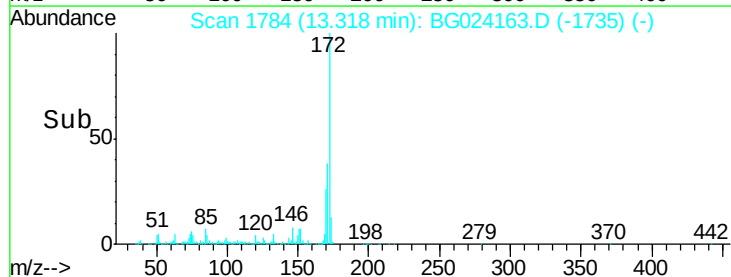


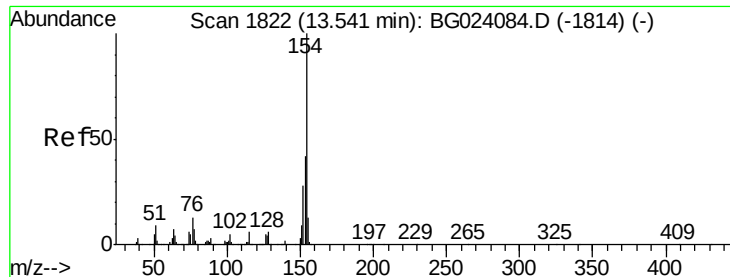
#44
 2-Fluorobiphenyl
 Concen: 90.77 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Tgt Ion:	172	Resp:	951714
Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.6	47.4
170	26.0	21.3	31.9



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

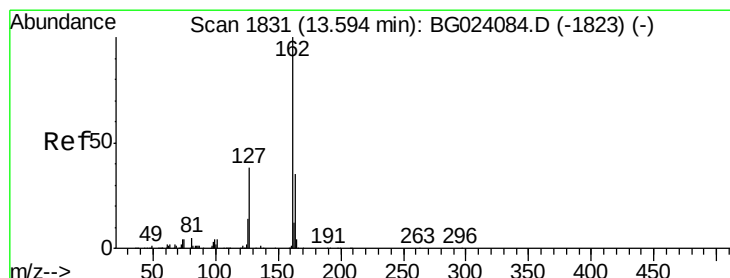
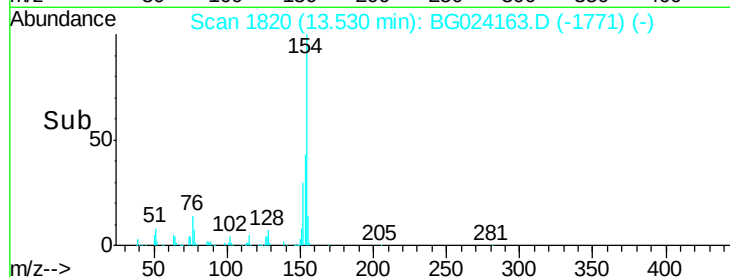
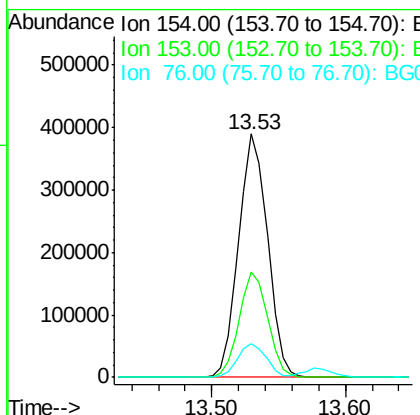
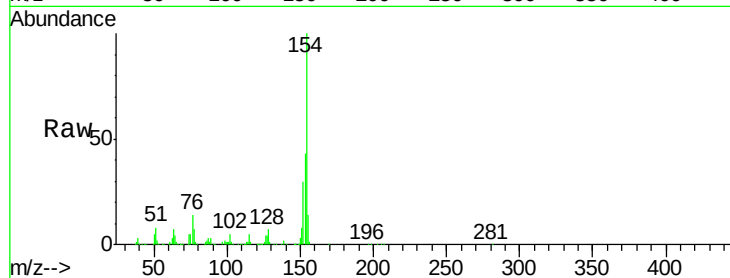




#45
 1,1'-Biphenyl
 Concen: 48.75 ng
 RT: 13.53 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

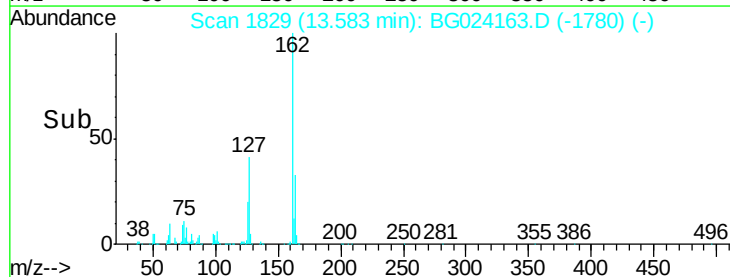
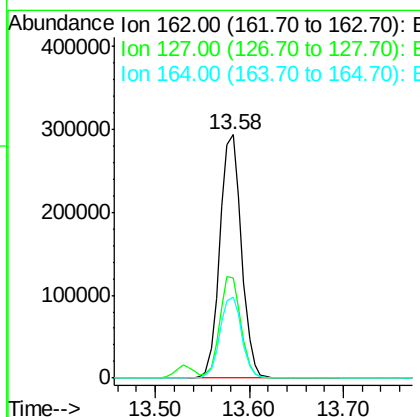
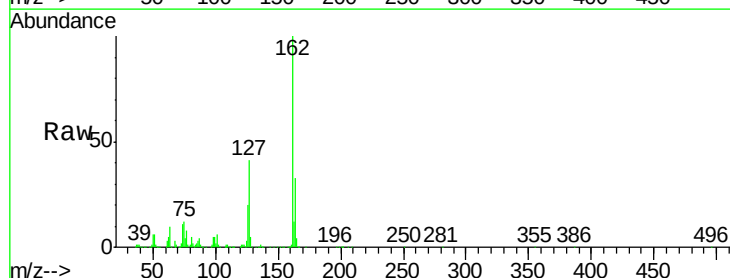
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

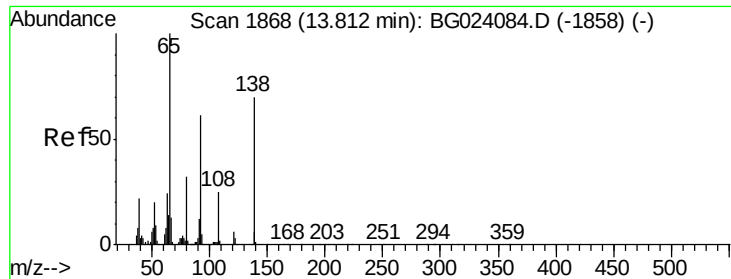
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	20.2	60.2
76	13.8	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 52.27 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	32.4	48.6
164	33.2	25.2	37.8

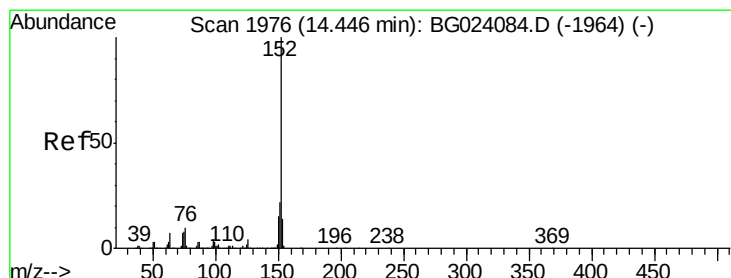
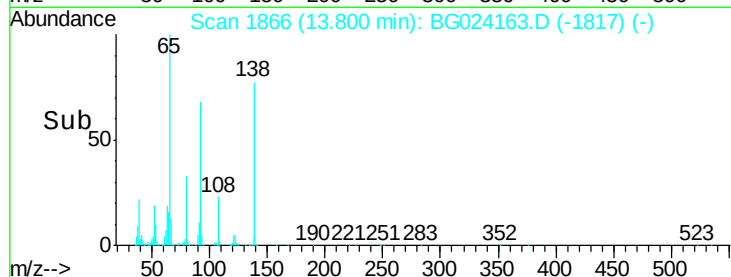
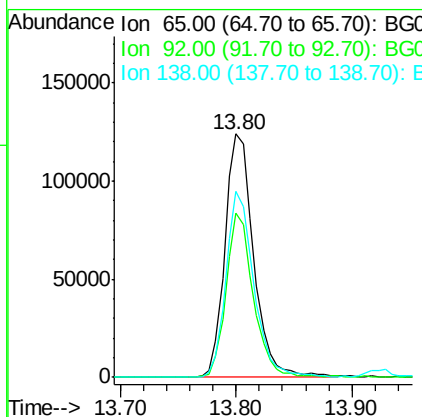
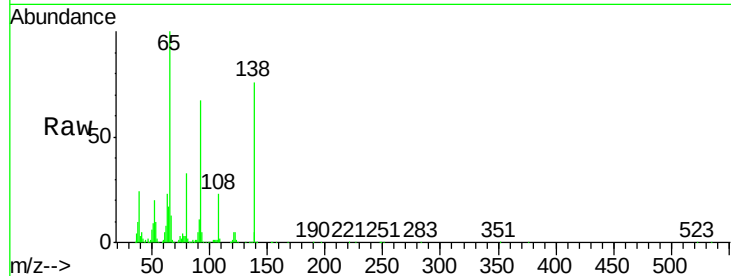




#47
2-Nitroaniline
Concen: 50.72 ng
RT: 13.80 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

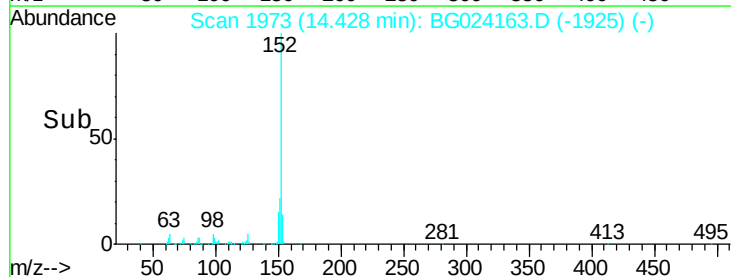
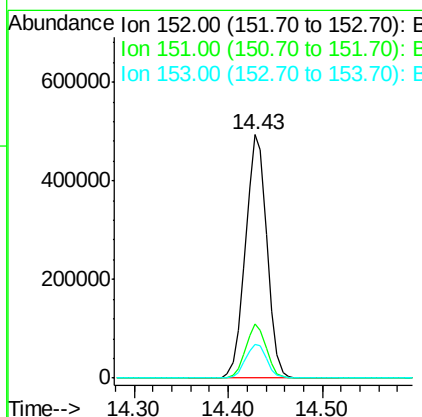
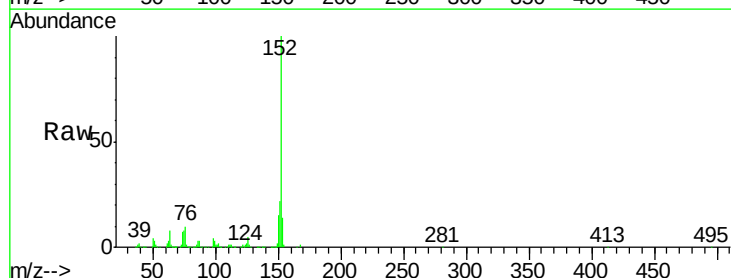
Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MS

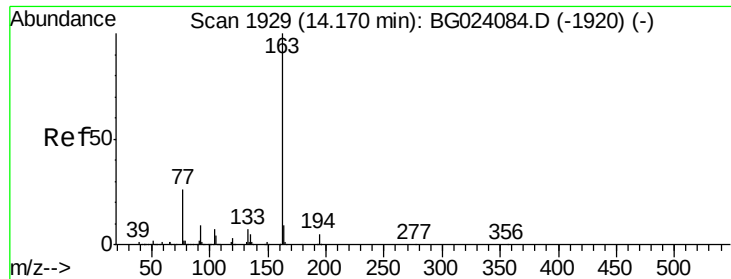
Tgt Ion: 65 Resp: 212373
Ion Ratio Lower Upper
65 100
92 67.2 49.4 74.0
138 76.4 58.0 87.0



#48
Acenaphthylene
Concen: 50.81 ng
RT: 14.43 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Tgt Ion: 152 Resp: 776148
Ion Ratio Lower Upper
152 100
151 22.2 17.6 26.4
153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 83.69 ng

RT: 14.16 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

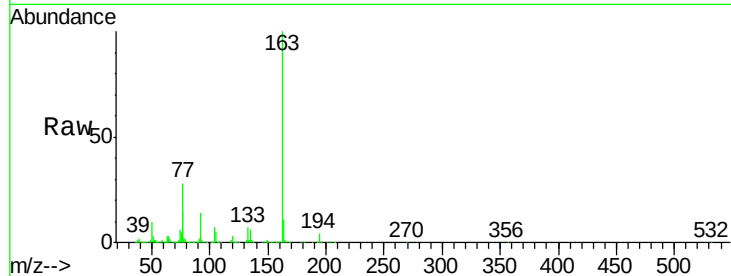
Tgt Ion:163 Resp: 1131575

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

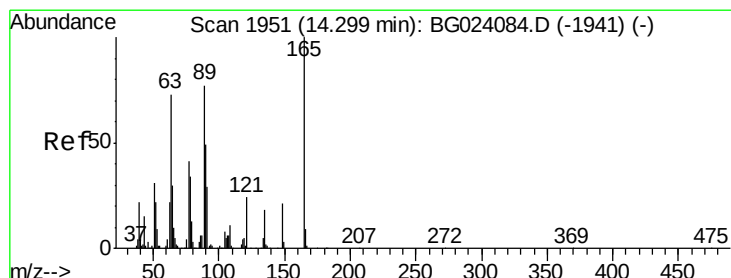
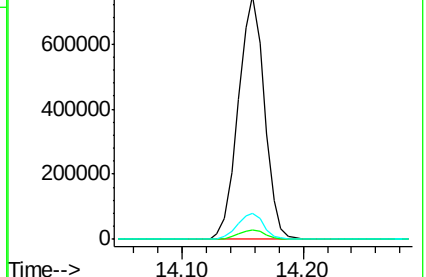
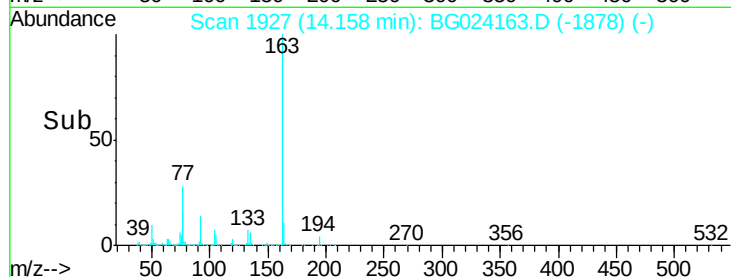
164 10.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.98 ng

RT: 14.29 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

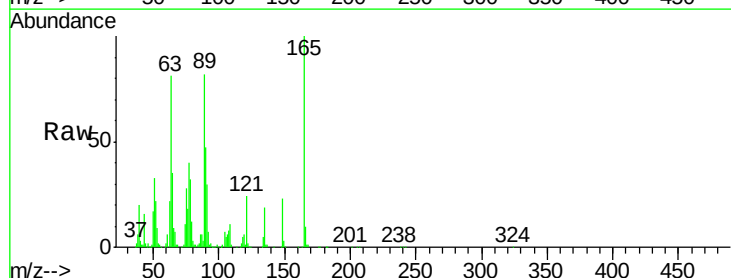
Tgt Ion:165 Resp: 150481

Ion Ratio Lower Upper

165 100

63 80.8 64.3 96.5

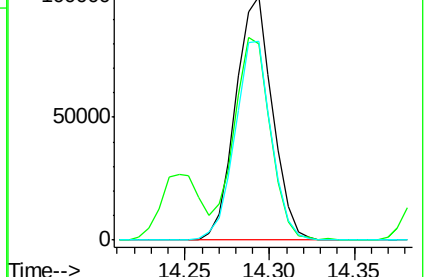
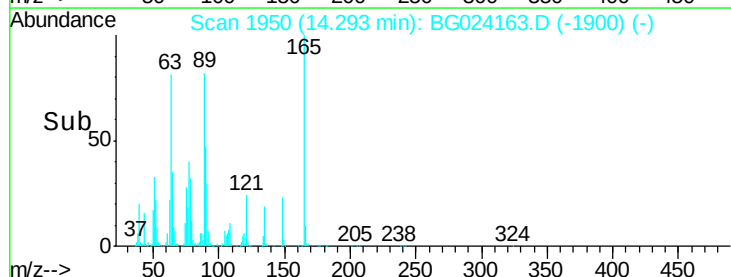
89 81.8 64.3 96.5

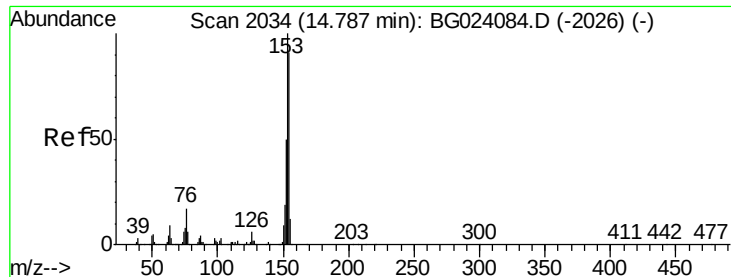


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 52.34 ng

RT: 14.77 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

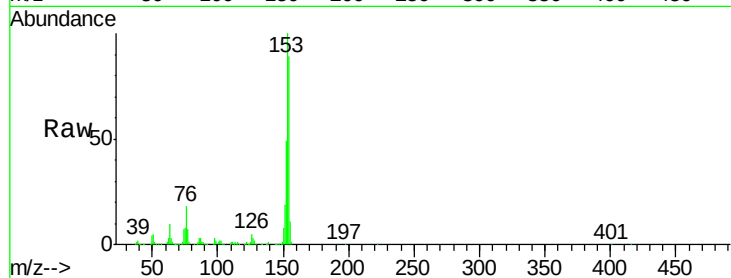
Tgt Ion:154 Resp: 484910

Ion Ratio Lower Upper

154 100

153 112.6 87.5 131.3

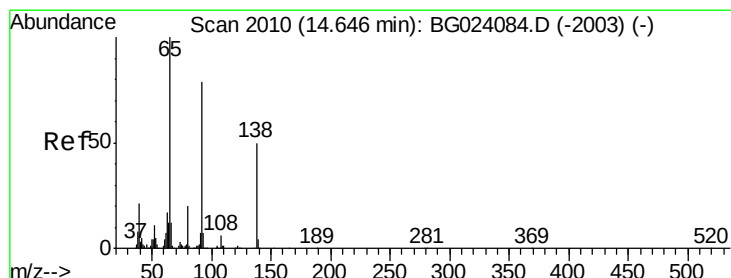
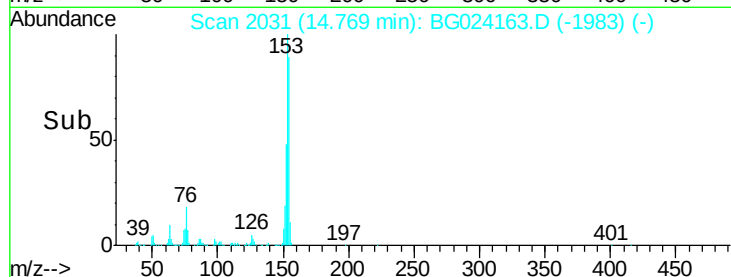
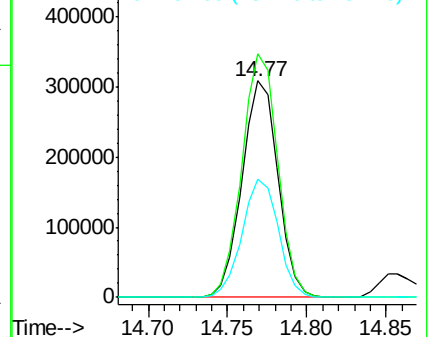
152 54.6 42.7 64.1



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: 28.84 ng

RT: 14.63 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

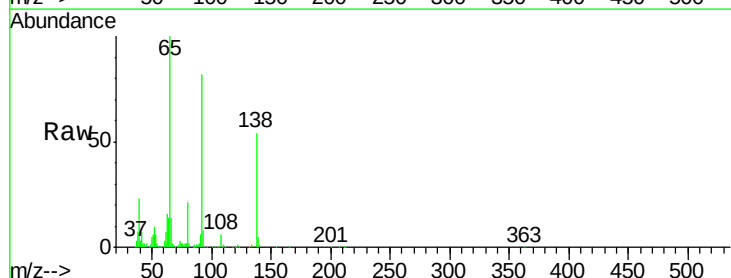
Tgt Ion:138 Resp: 81821

Ion Ratio Lower Upper

138 100

108 11.5 11.7 17.5#

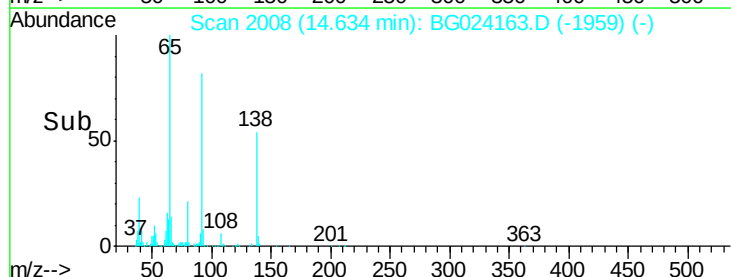
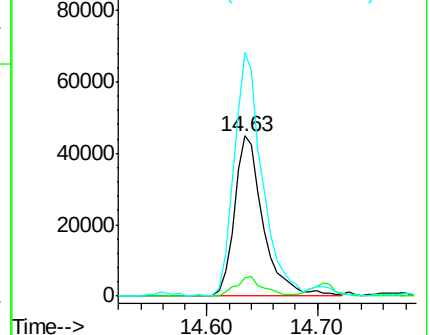
92 152.0 129.7 194.5

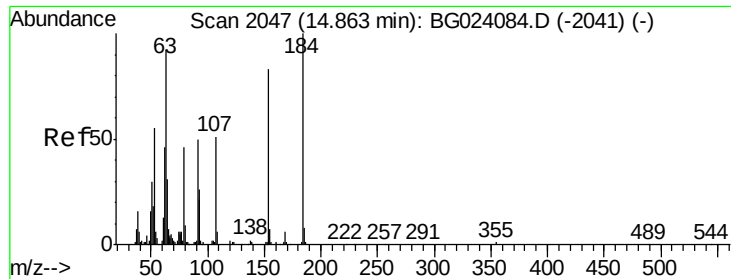


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

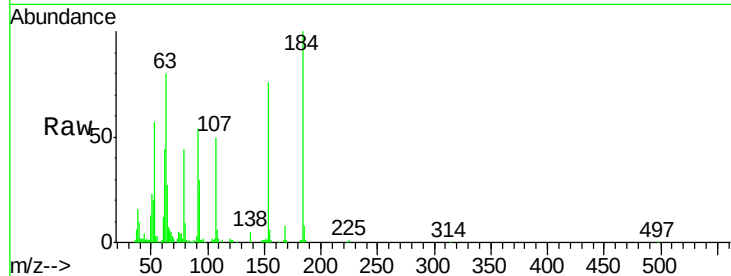




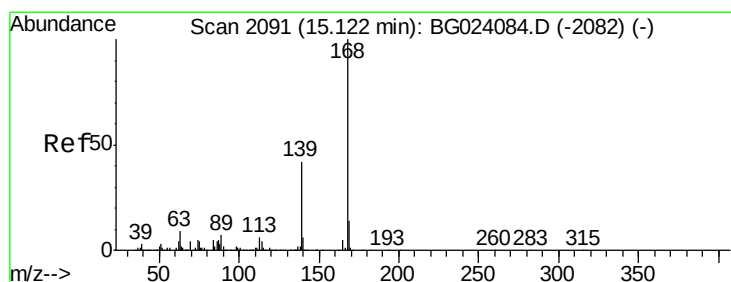
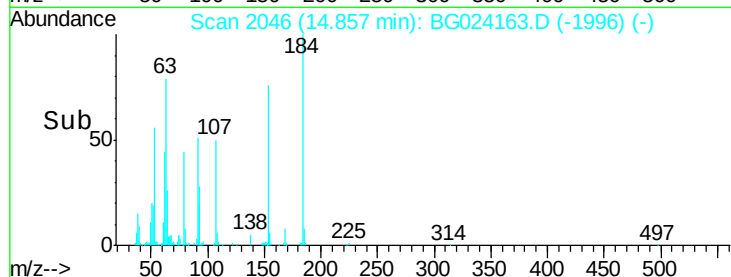
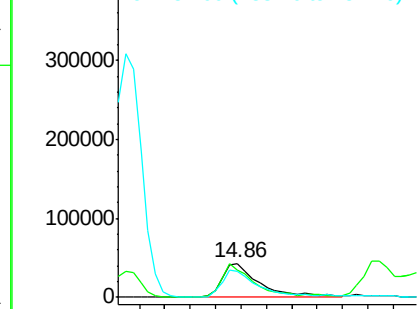
#53
2,4-Dinitrophenol
Concen: 49.13 ng
RT: 14.86 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MS

Tgt Ion:184 Resp: 88632
Ion Ratio Lower Upper
184 100
63 79.6 59.6 89.4
154 76.1 67.4 101.0

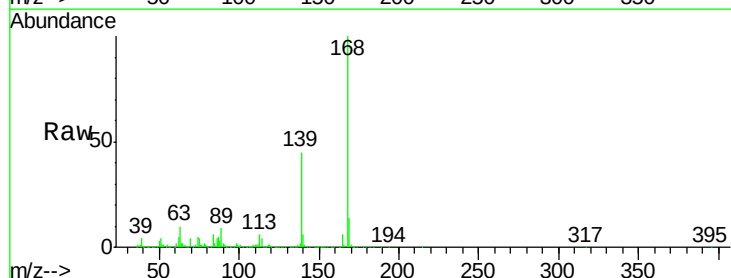


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

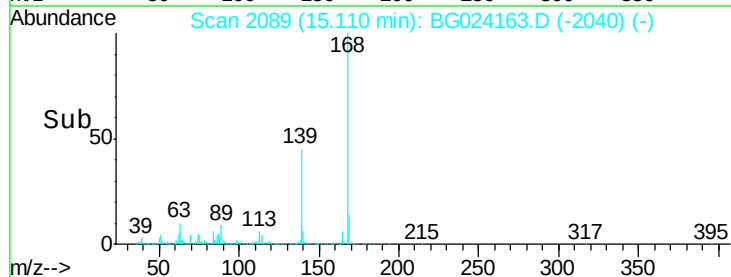
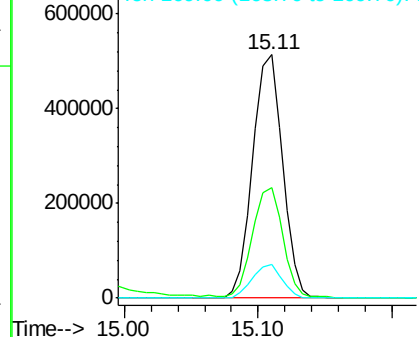


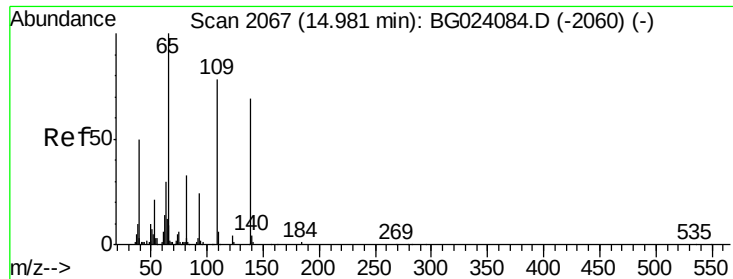
#54
Dibenzofuran
Concen: 55.05 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Tgt Ion:168 Resp: 794068
Ion Ratio Lower Upper
168 100
139 45.5 36.4 54.6
169 13.8 11.9 17.9



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

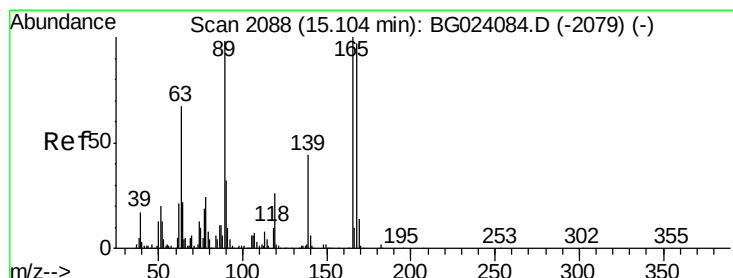
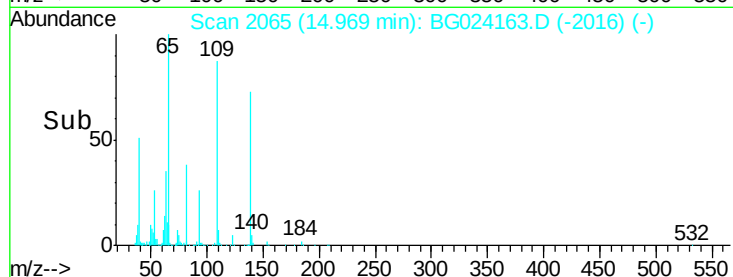
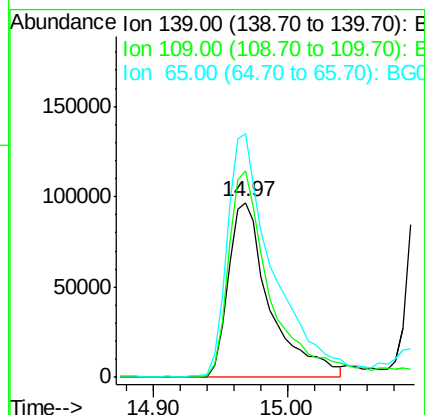
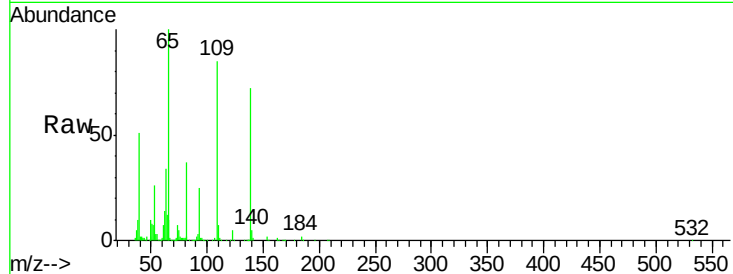




#55
4-Nitrophenol
Concen: 92.40 ng
RT: 14.97 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

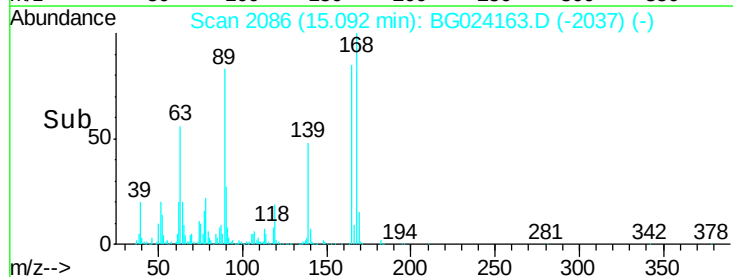
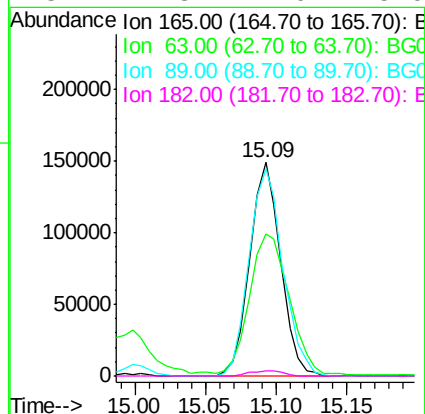
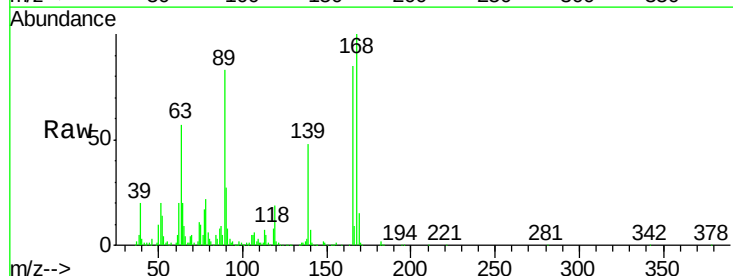
Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MS

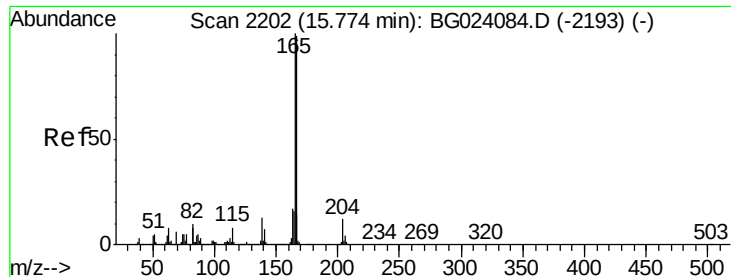
Tgt Ion:139 Resp: 210130
Ion Ratio Lower Upper
139 100
109 118.2 103.0 143.0
65 139.5 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 52.78 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Tgt Ion:165 Resp: 228115
Ion Ratio Lower Upper
165 100
63 66.5 45.8 68.6
89 96.9 68.6 102.8
182 2.3 2.0 3.0





#57

Fluorene

Concen: 52.56 ng

RT: 15.76 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

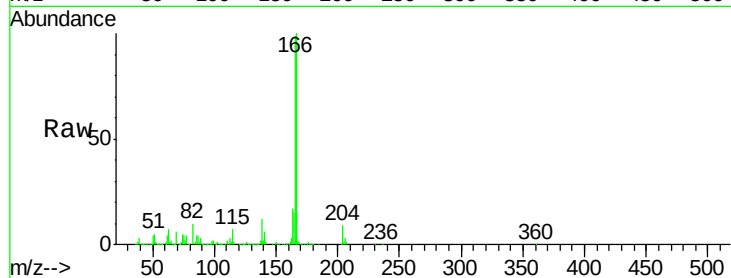
Tgt Ion:166 Resp: 660020

Ion Ratio Lower Upper

166 100

165 99.2 81.0 121.6

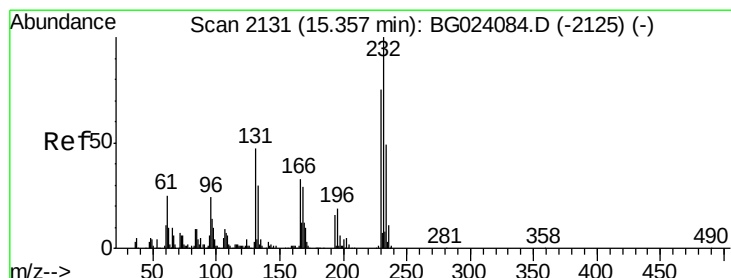
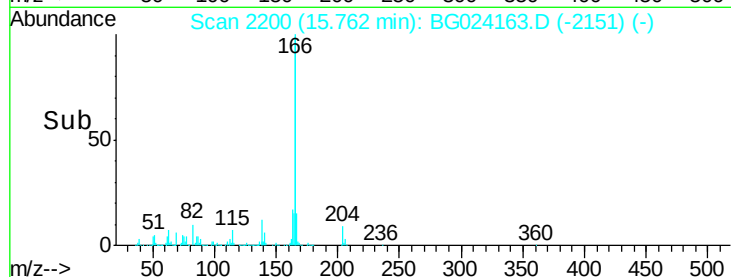
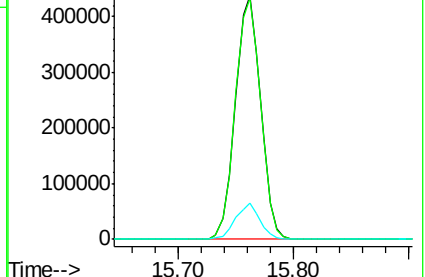
167 14.7 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.59 ng

RT: 15.34 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Tgt Ion:232 Resp: 187144

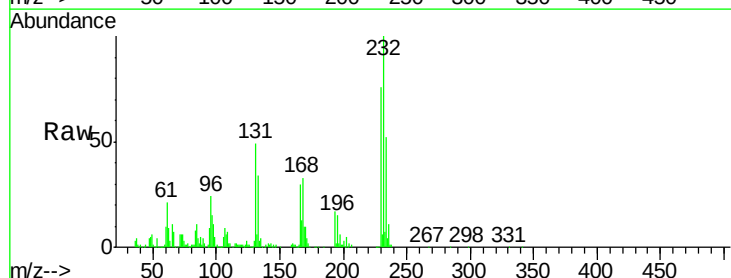
Ion Ratio Lower Upper

232 100

131 48.2 32.7 49.1

130 2.7 2.6 3.8

166 31.8 23.0 34.6

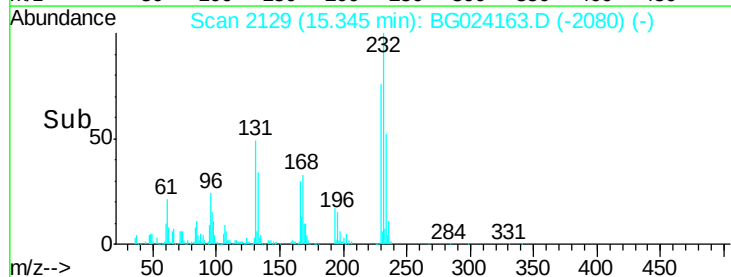
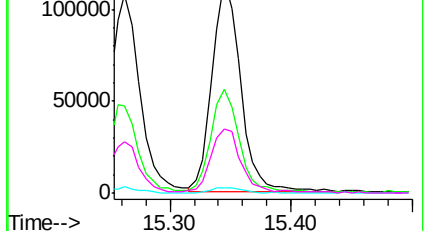


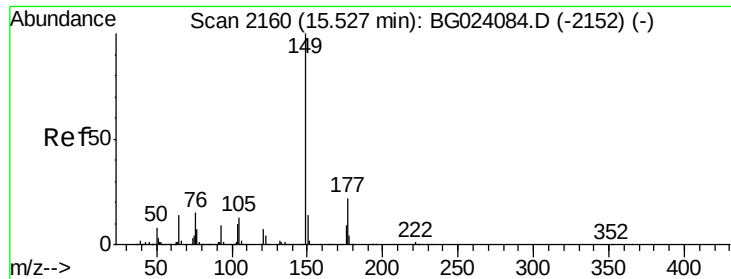
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

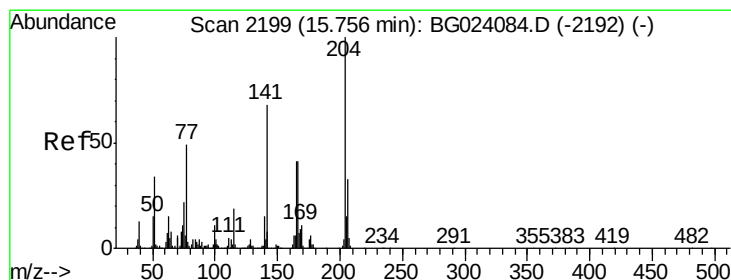
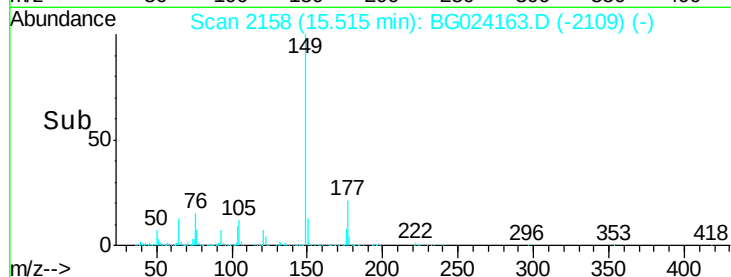
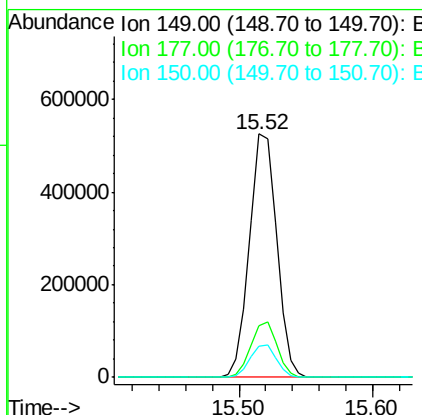
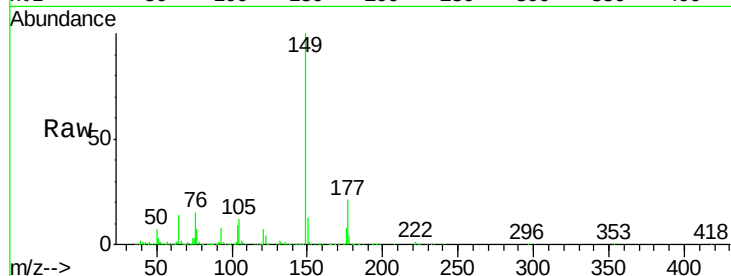




#59
 Diethylphthalate
 Concen: 50.76 ng
 RT: 15.52 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

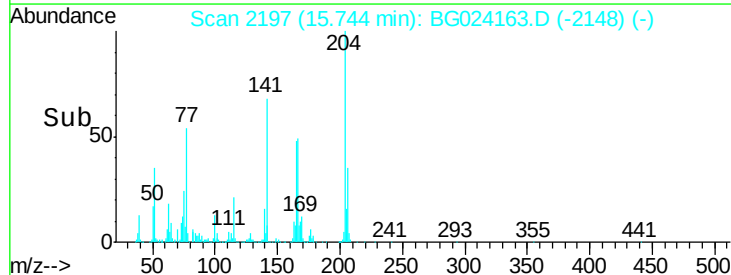
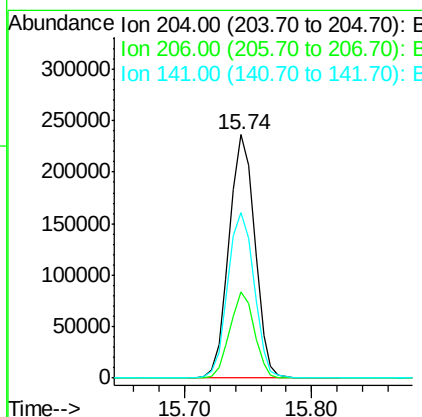
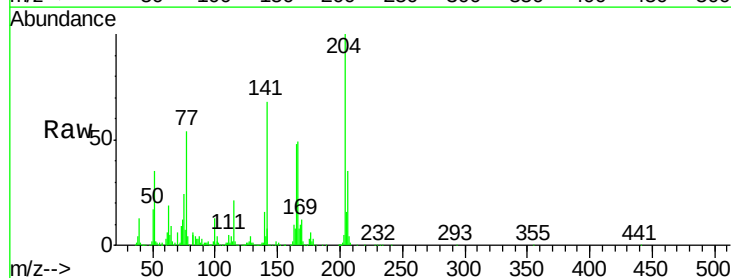
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

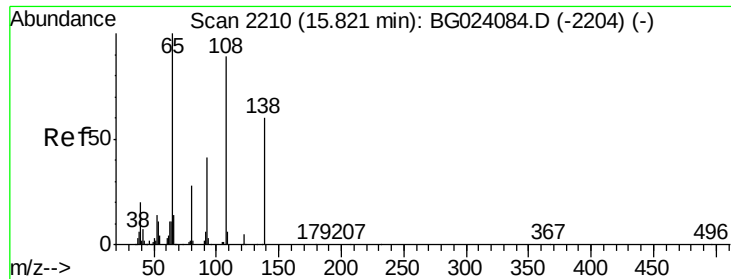
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	19.2	28.8
150	12.8	10.6	16.0



#60
 4-Chlorophenyl-phenylether
 Concen: 49.32 ng
 RT: 15.74 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.4	28.5	42.7
141	68.0	51.4	77.0

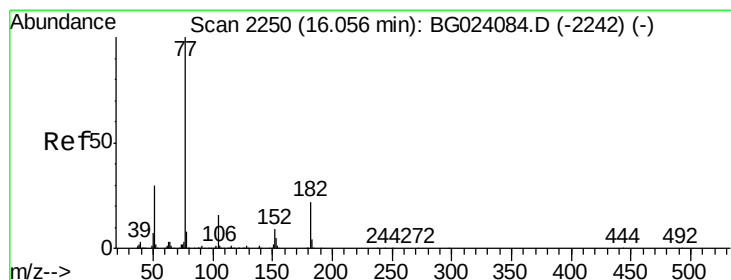
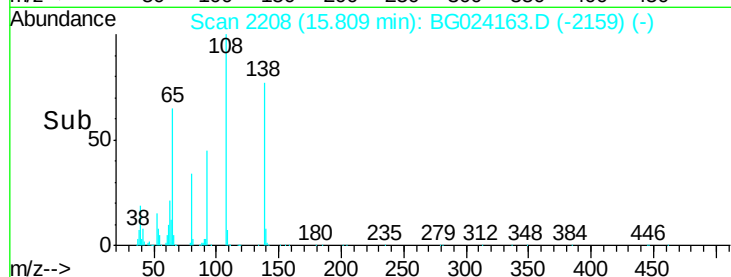
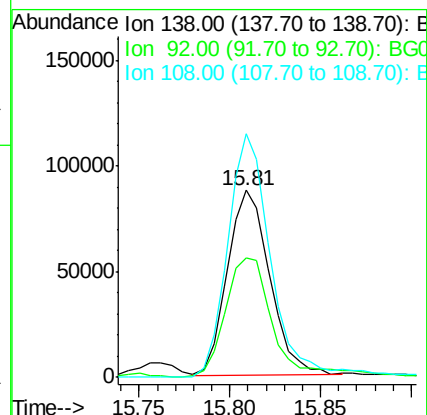
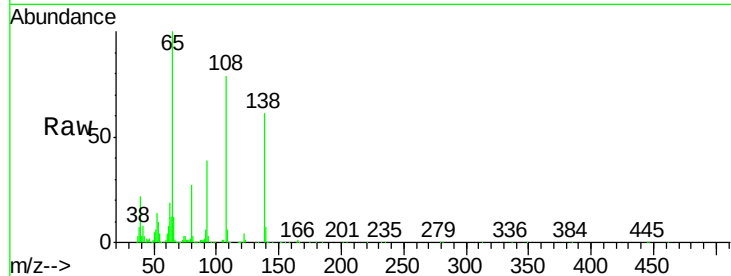




#61
4-Nitroaniline
Concen: 48.36 ng
RT: 15.81 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

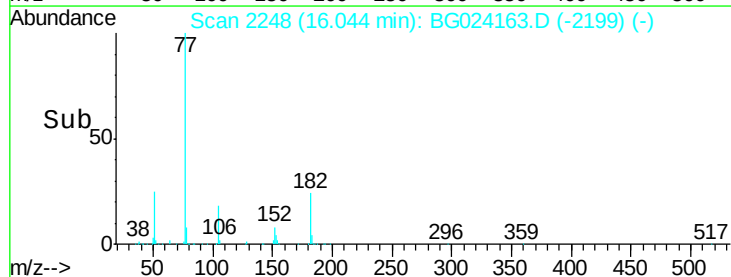
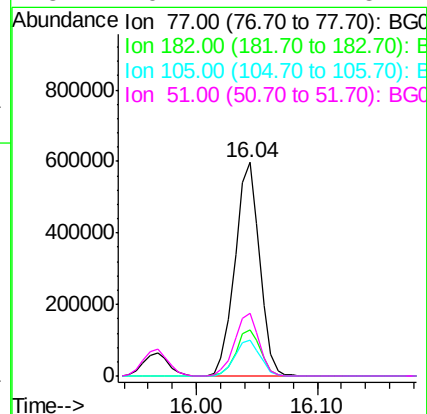
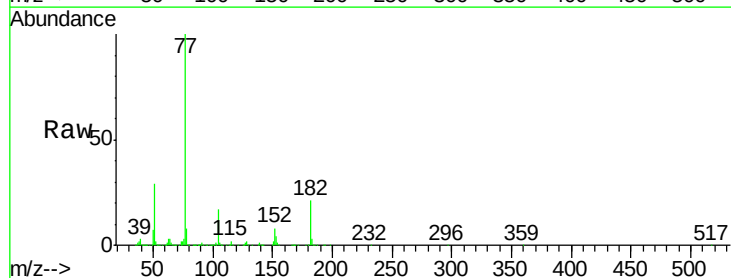
Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MS

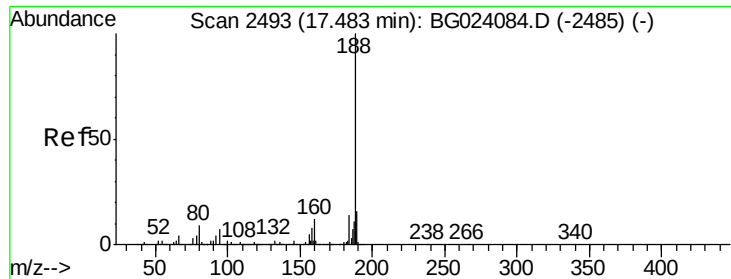
Tgt Ion: 138 Resp: 142084
Ion Ratio Lower Upper
138 100
92 63.8 54.1 94.1
108 130.2 133.9 173.9#



#62
Azobenzene
Concen: 57.16 ng
RT: 16.04 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Tgt Ion: 77 Resp: 845595
Ion Ratio Lower Upper
77 100
182 21.5 3.5 43.5
105 16.8 0.0 38.5
51 29.2 17.1 57.1

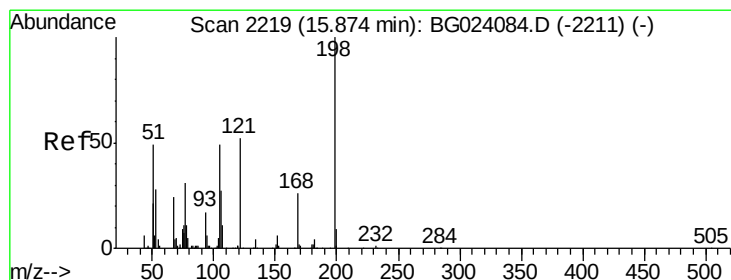
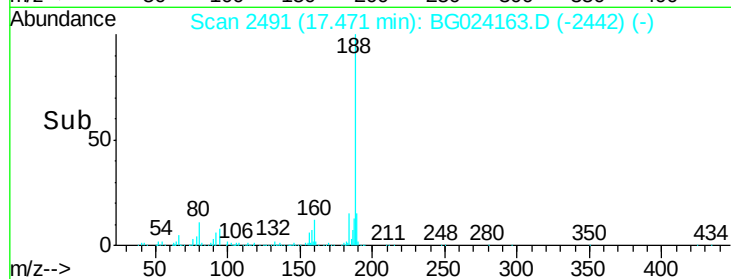
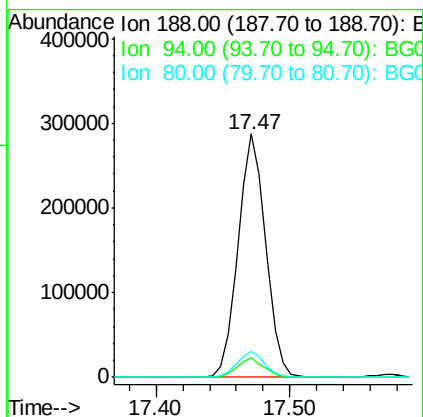
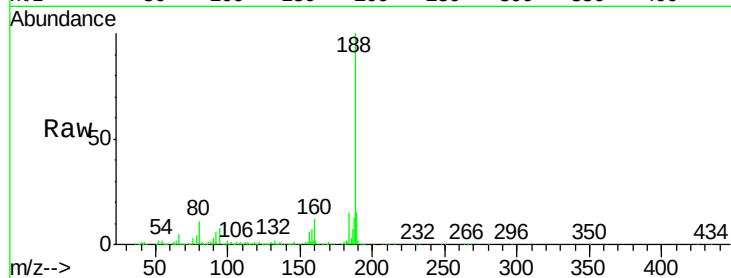




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2491
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

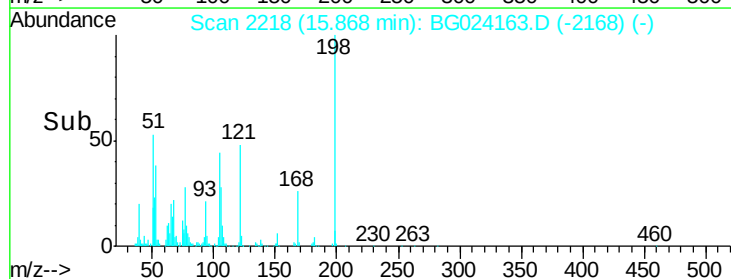
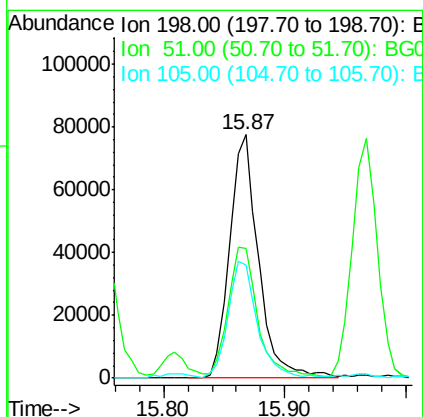
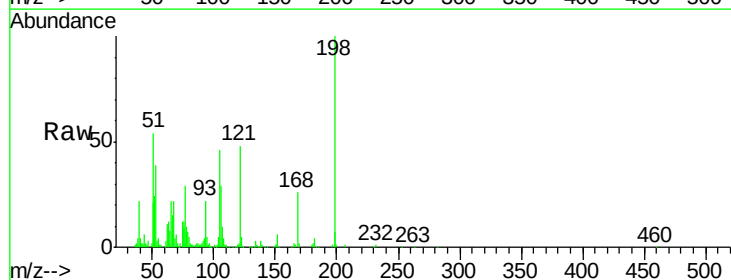
Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MS

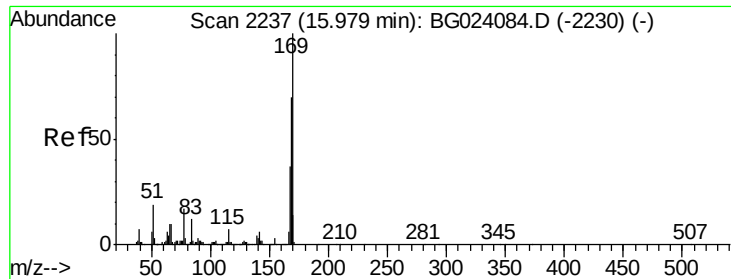
Tgt Ion:188 Resp: 409752
Ion Ratio Lower Upper
188 100
94 8.0 5.2 7.8#
80 10.8 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 45.39 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Tgt Ion:198 Resp: 129142
Ion Ratio Lower Upper
198 100
51 53.5 26.0 66.0
105 46.2 20.1 60.1

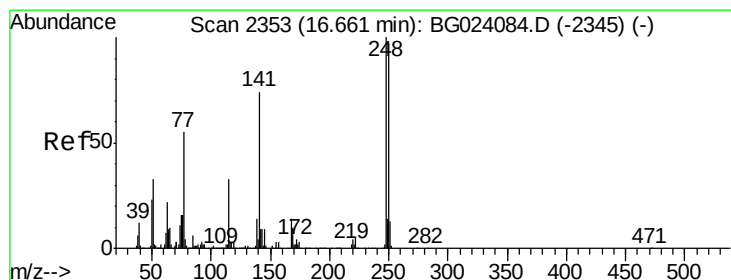
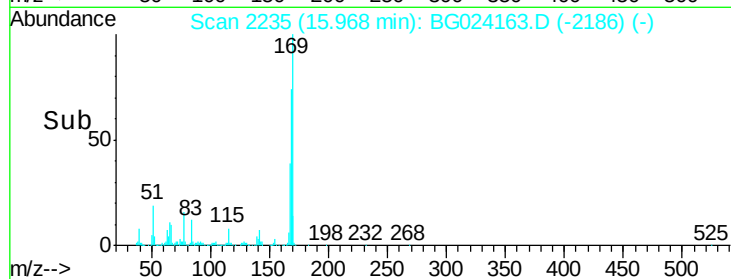
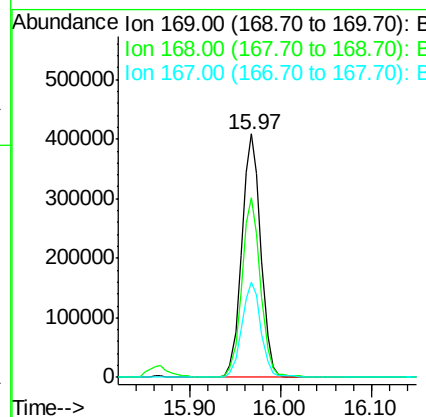
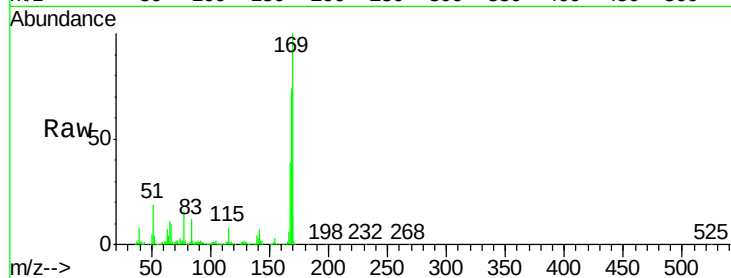




#65
n-Nitrosodiphenylamine
Concen: 53.27 ng
RT: 15.97 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

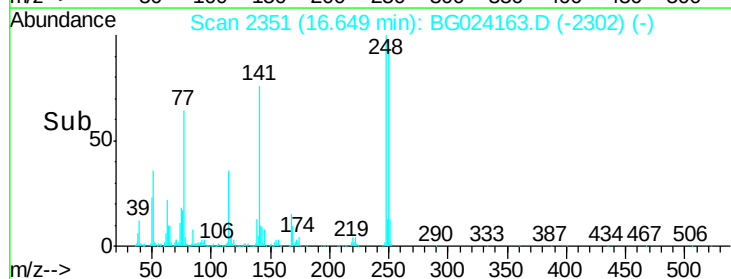
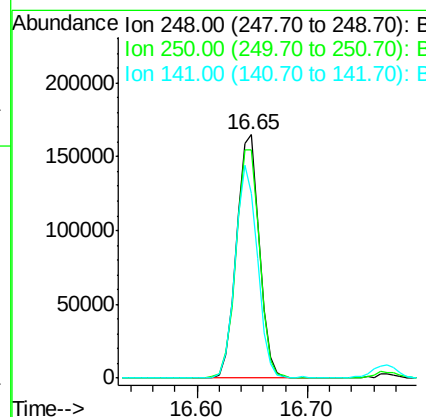
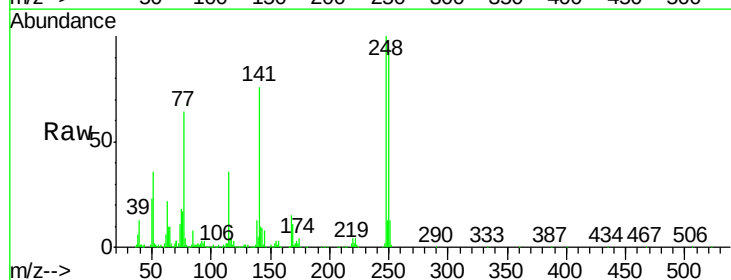
Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MS

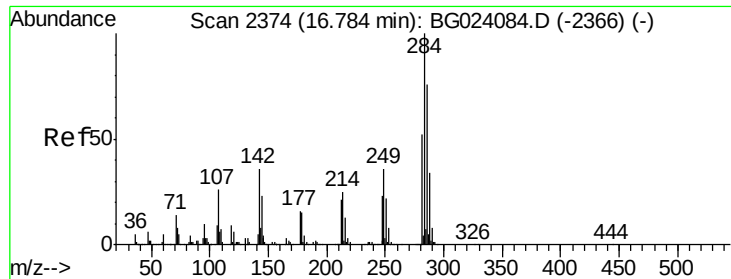
Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.0	55.0	82.4
167	38.9	27.4	41.0



#66
4-Bromophenyl-phenylether
Concen: 50.38 ng
RT: 16.65 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.9	77.8	116.8
141	75.9	65.7	98.5

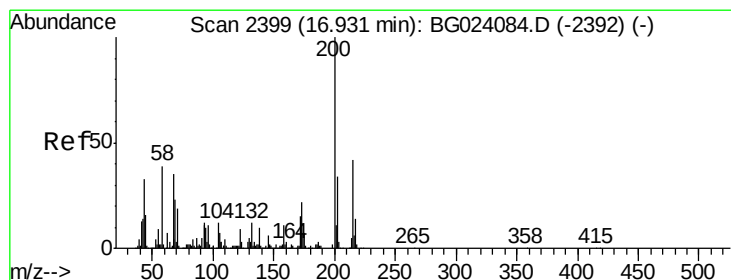
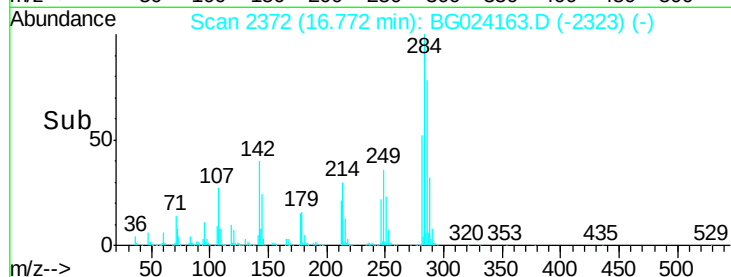
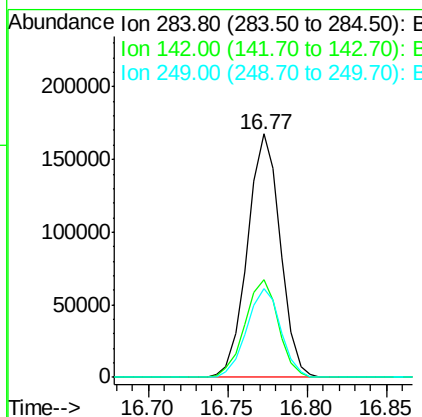
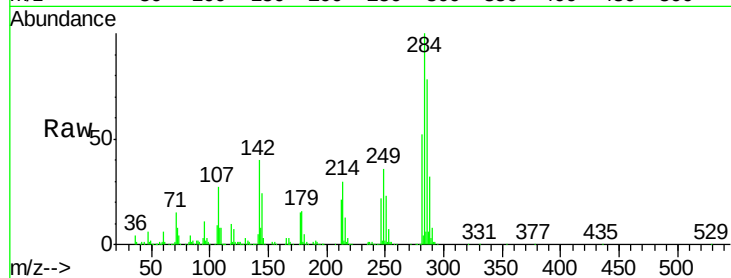




#67
Hexachlorobenzene
Concen: 44.98 ng
RT: 16.77 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

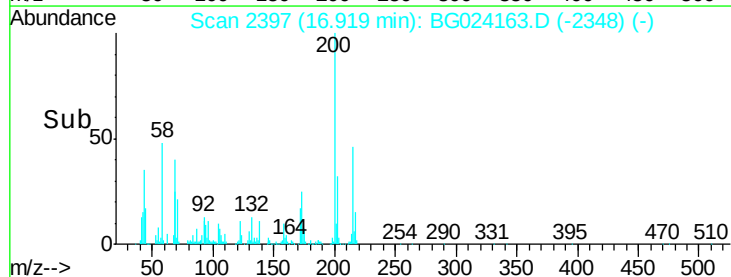
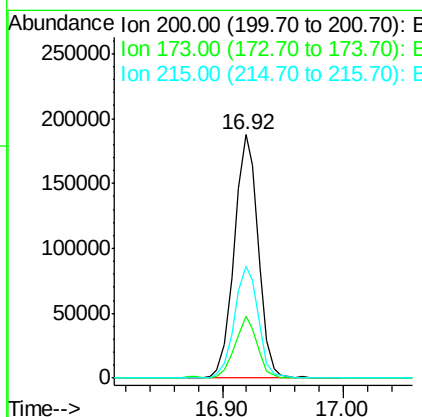
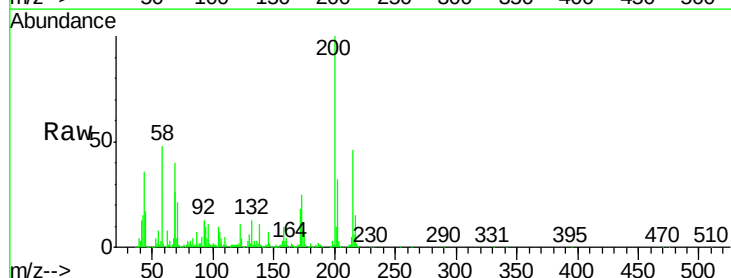
Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MS

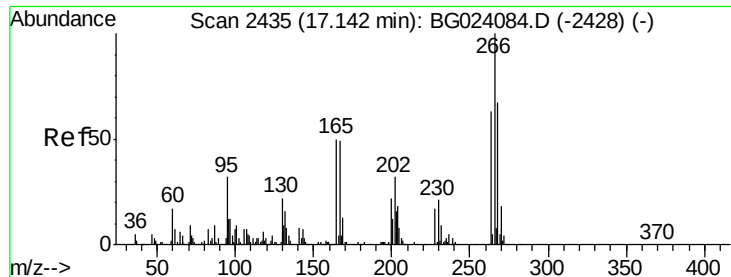
Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.1	26.8	40.2
249	36.3	28.9	43.3



#68
Atrazine
Concen: 52.44 ng
RT: 16.92 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	1.6	41.6
215	45.9	28.7	68.7

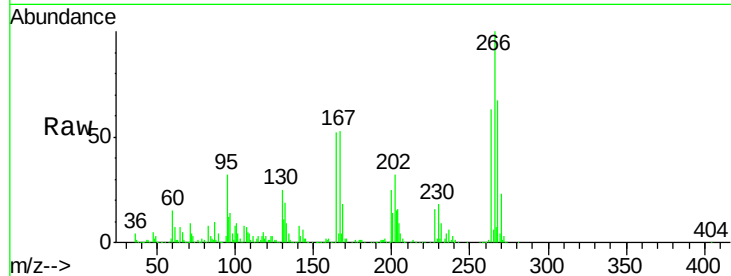




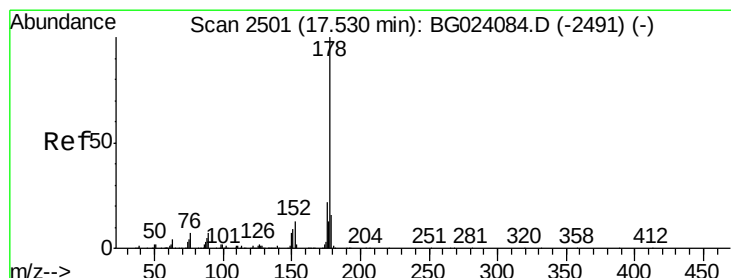
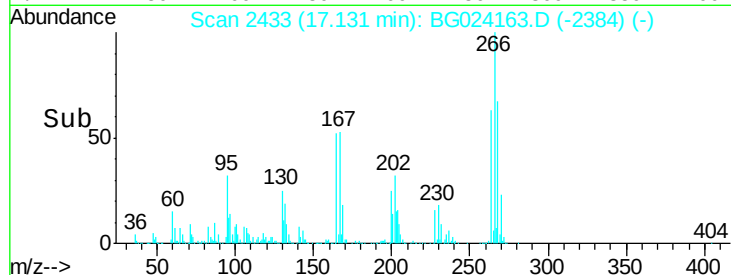
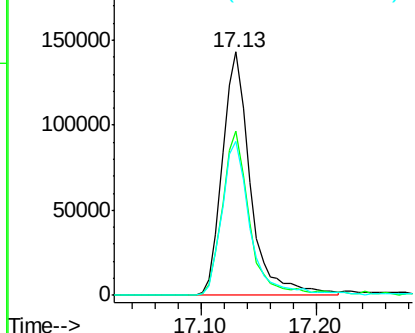
#69
 Pentachlorophenol
 Concen: 86.84 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

Tgt Ion:266 Resp: 241913
 Ion Ratio Lower Upper
 266 100
 268 67.3 51.9 77.9
 264 63.3 50.6 75.8

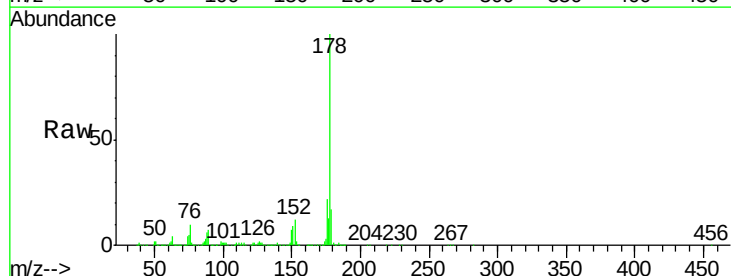


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

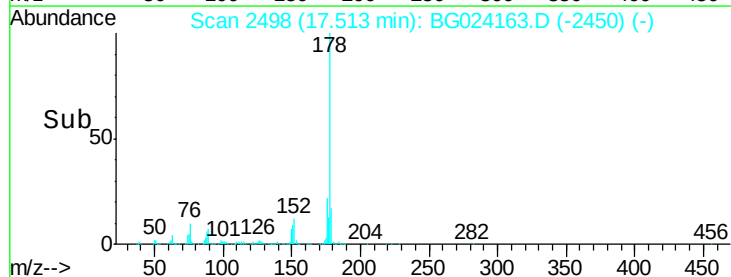
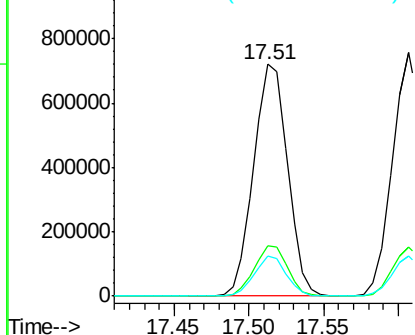


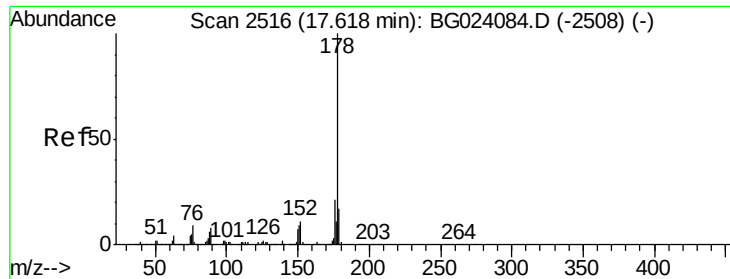
#70
 Phenanthrene
 Concen: 54.09 ng
 RT: 17.51 min Scan# 2498
 Delta R.T. -0.02 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Tgt Ion:178 Resp: 1128861
 Ion Ratio Lower Upper
 178 100
 176 21.6 16.8 25.2
 179 17.1 14.3 21.5



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

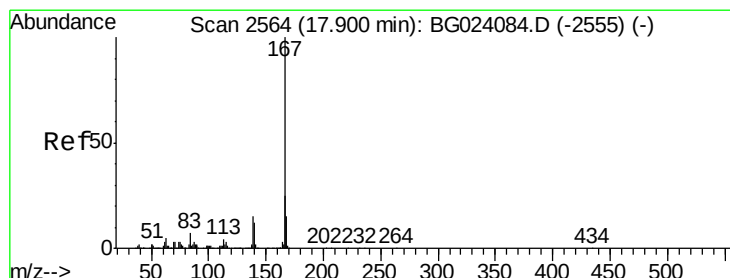
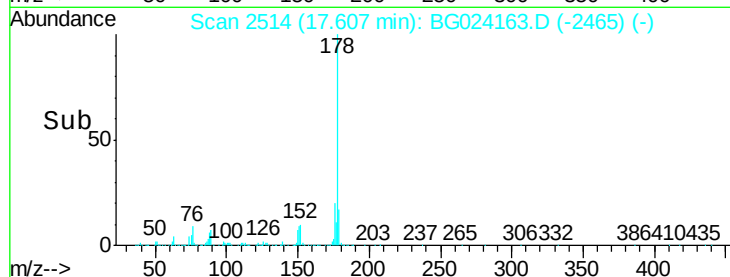
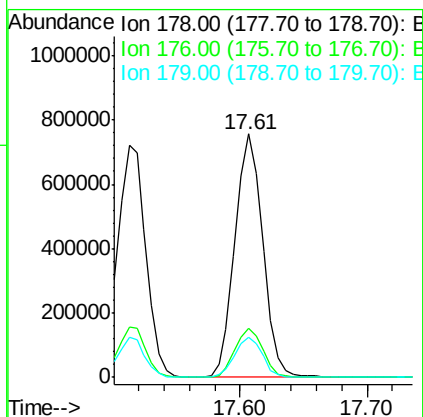
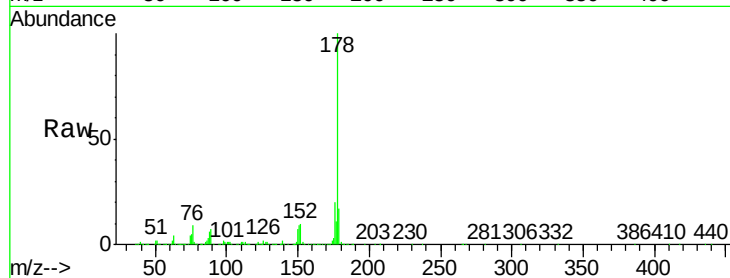




#71
 Anthracene
 Concen: 53.39 ng
 RT: 17.61 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

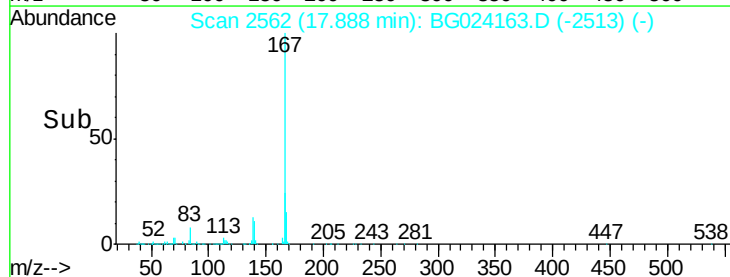
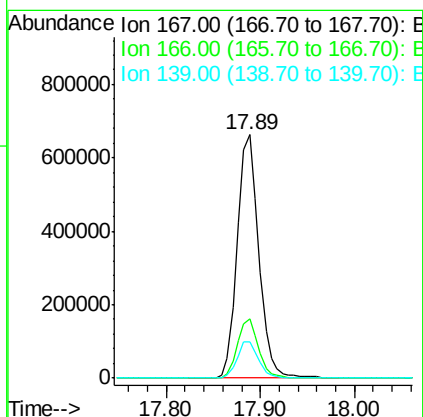
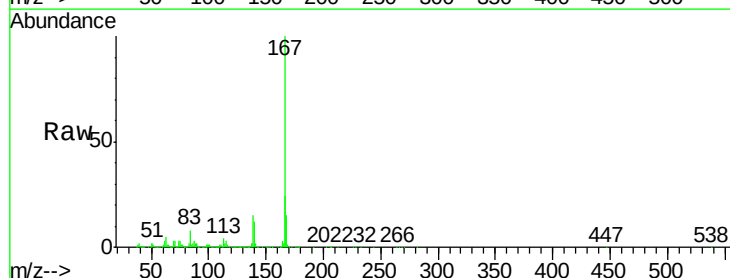
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

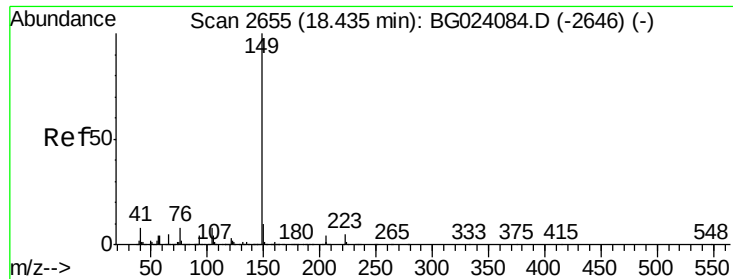
Tgt Ion:178 Resp: 1144545
 Ion Ratio Lower Upper
 178 100
 176 20.2 17.3 25.9
 179 16.5 14.0 21.0



#72
 Carbazole
 Concen: 53.01 ng
 RT: 17.89 min Scan# 2562
 Delta R.T. -0.01 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Tgt Ion:167 Resp: 1057957
 Ion Ratio Lower Upper
 167 100
 166 24.3 20.7 31.1
 139 15.0 11.9 17.9





#73

Di-n-butylphthalate

Concen: 49.23 ng

RT: 18.42 min Scan# 2652

Delta R.T. -0.02 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

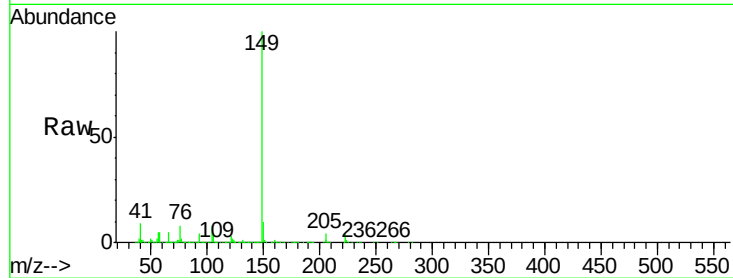
Tgt Ion:149 Resp: 1286128

Ion Ratio Lower Upper

149 100

150 10.4 9.1 13.7

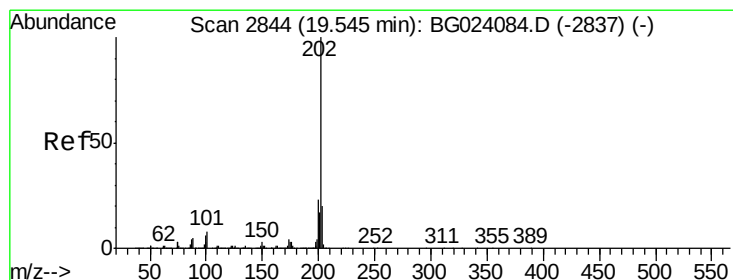
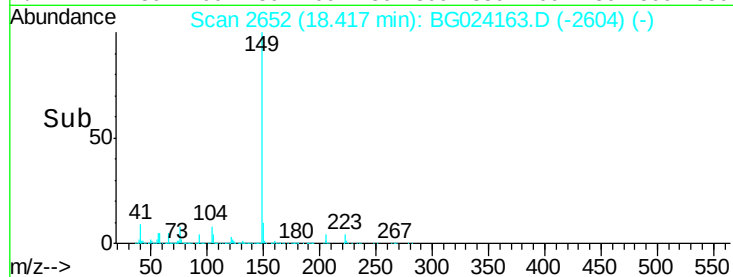
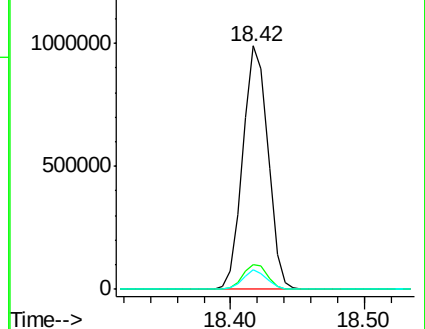
104 7.8 6.9 10.3



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: 50.69 ng

RT: 19.53 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

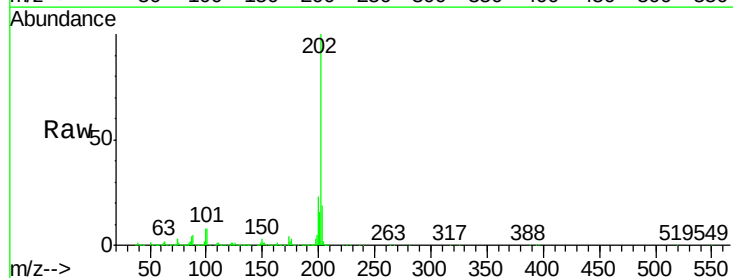
Tgt Ion:202 Resp: 1381261

Ion Ratio Lower Upper

202 100

101 8.5 0.0 27.4

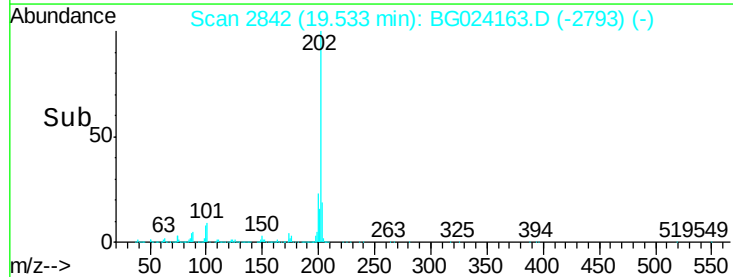
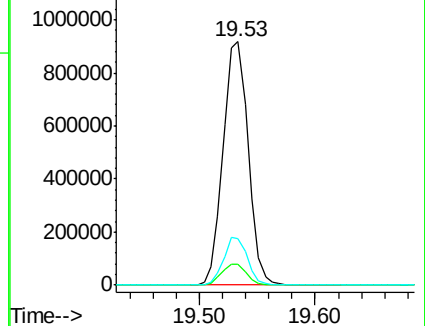
203 19.1 1.7 41.7

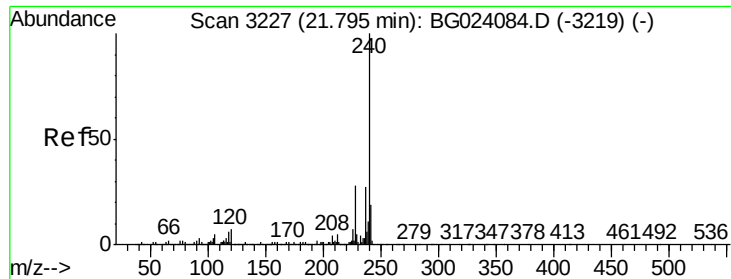


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.78 min Scan# 3224

Delta R.T. -0.02 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

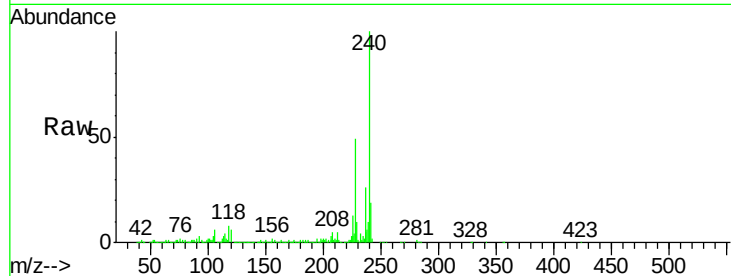
Tgt Ion:240 Resp: 449597

Ion Ratio Lower Upper

240 100

120 6.4 4.1 6.1#

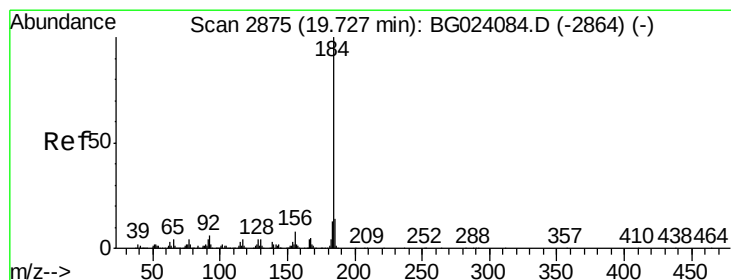
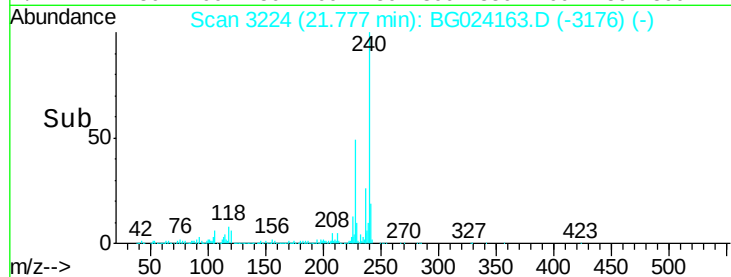
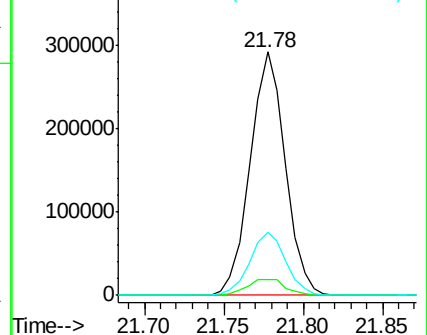
236 26.2 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.15 ng

RT: 19.72 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

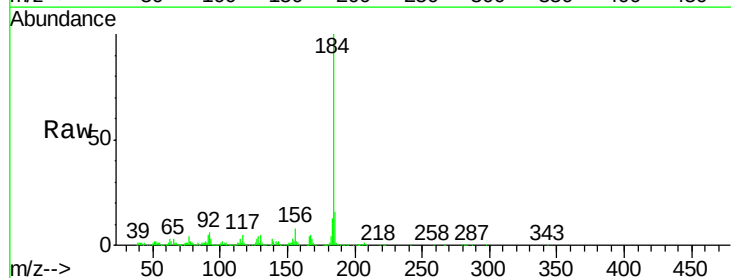
Tgt Ion:184 Resp: 485578

Ion Ratio Lower Upper

184 100

185 16.0 12.6 19.0

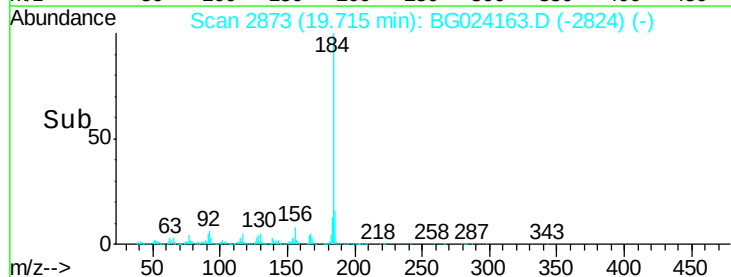
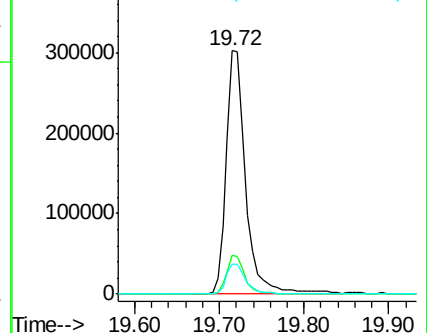
183 12.5 10.7 16.1

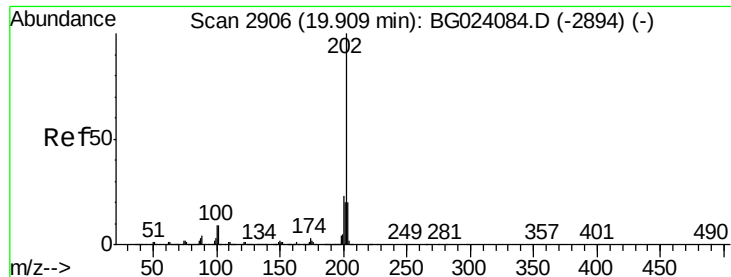


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.32 ng

RT: 19.90 min Scan# 2904

Delta R.T. -0.01 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

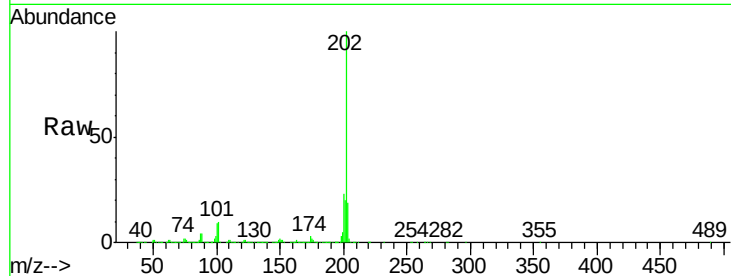
Tgt Ion:202 Resp: 1391462

Ion Ratio Lower Upper

202 100

200 23.4 21.2 31.8

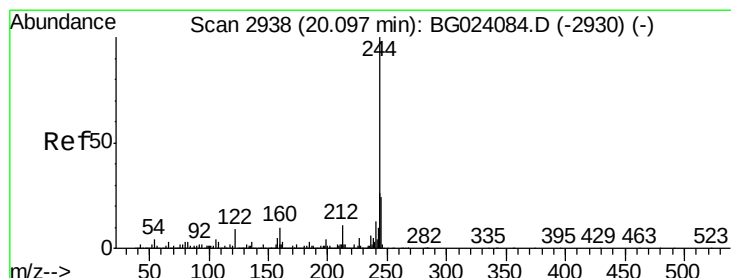
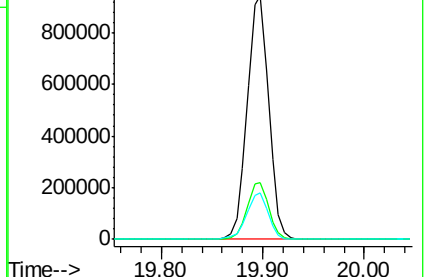
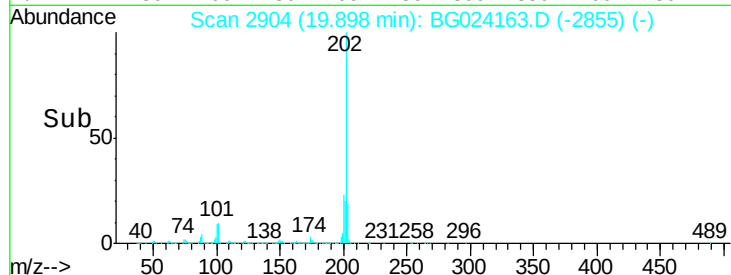
203 19.2 16.8 25.2



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: 73.77 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.02 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

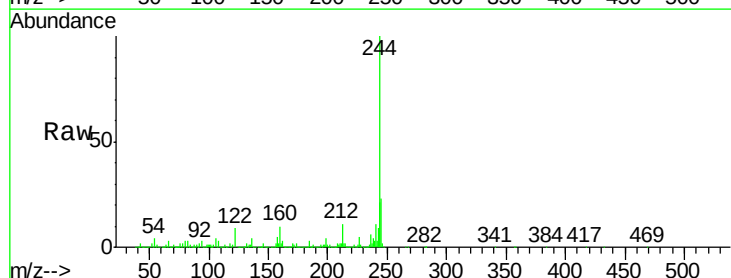
Tgt Ion:244 Resp: 1619823

Ion Ratio Lower Upper

244 100

212 10.6 10.8 16.2#

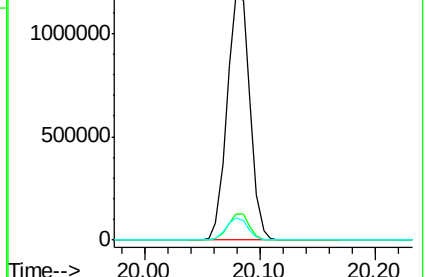
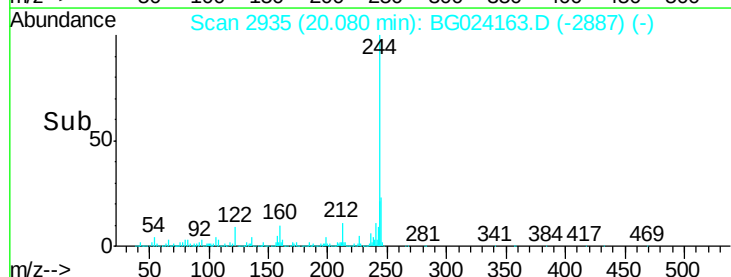
122 9.1 8.0 12.0

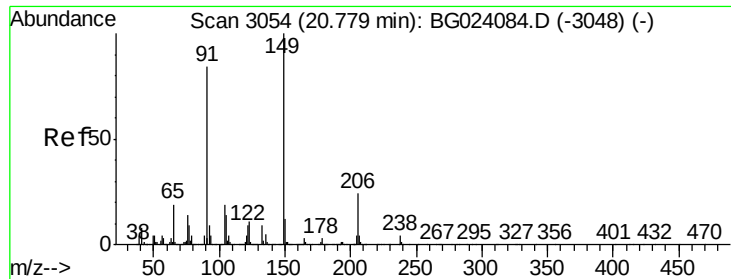


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

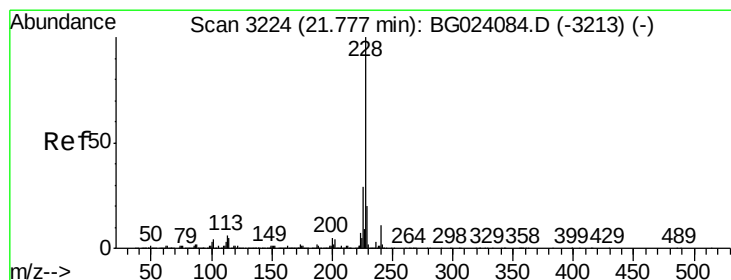
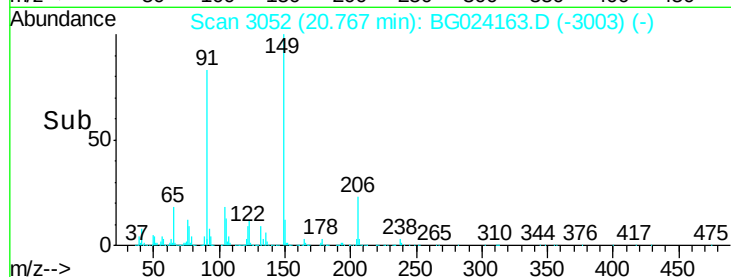
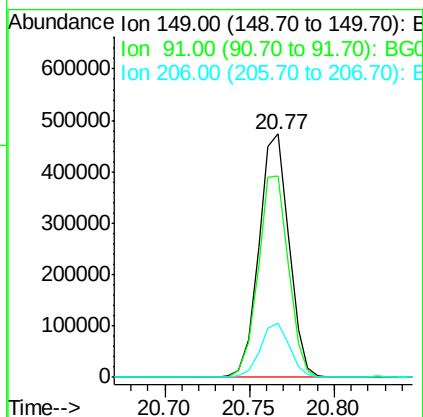
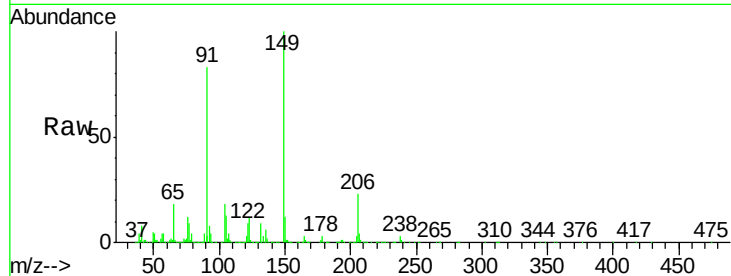




#79
Butylbenzylphthalate
Concen: 50.50 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.01 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

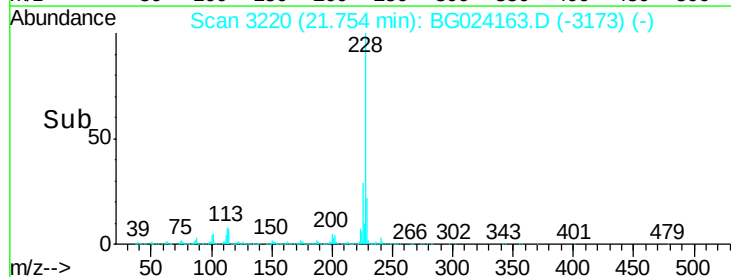
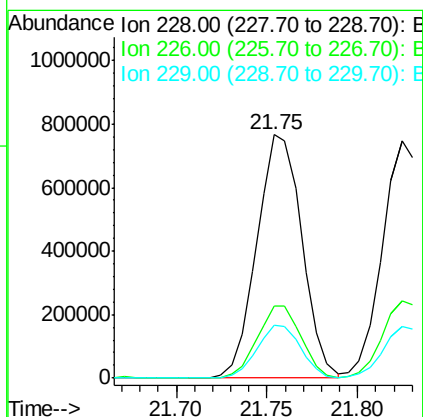
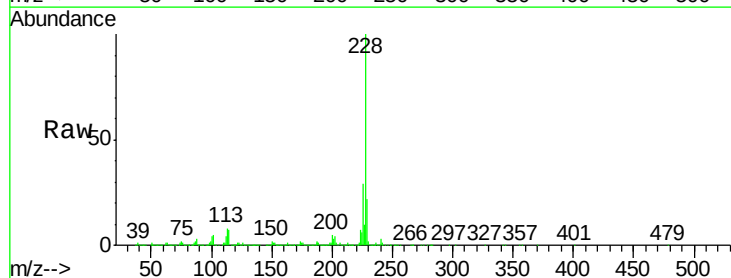
Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MS

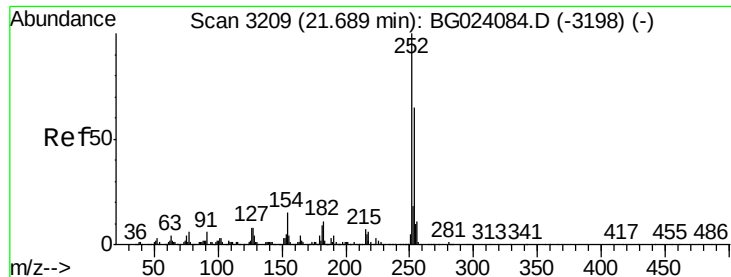
Tgt Ion:149 Resp: 583836
Ion Ratio Lower Upper
149 100
91 82.5 68.1 102.1
206 22.5 19.8 29.6



#80
Benzo(a)anthracene
Concen: 51.76 ng
RT: 21.75 min Scan# 3220
Delta R.T. -0.02 min
Lab File: BG024163.D
Acq: 30 Sep 2016 17:27

Tgt Ion:228 Resp: 1324798
Ion Ratio Lower Upper
228 100
226 29.4 25.3 37.9
229 21.8 19.9 29.9

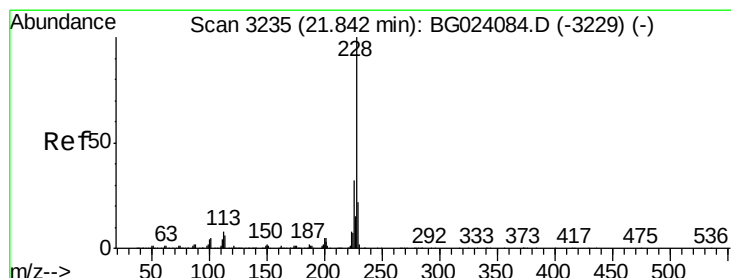
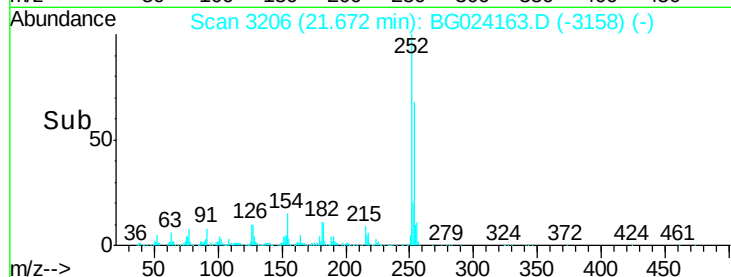
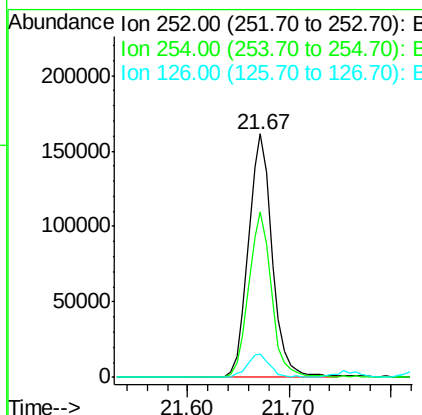
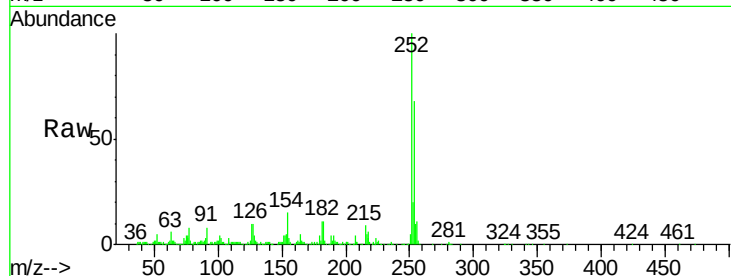




#81
 3,3'-Dichlorobenzidine
 Concen: 28.59 ng
 RT: 21.67 min Scan# 3206
 Delta R.T. -0.02 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

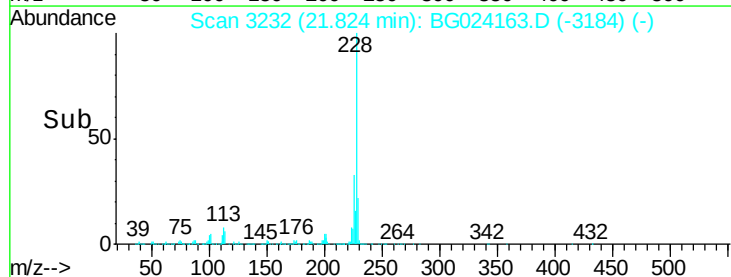
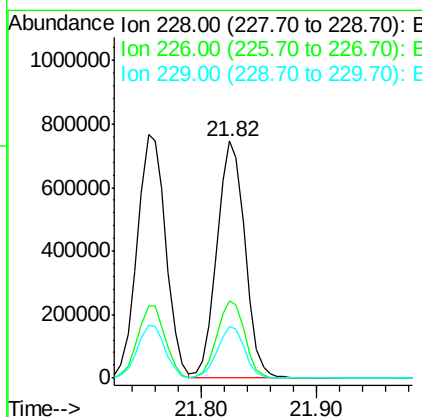
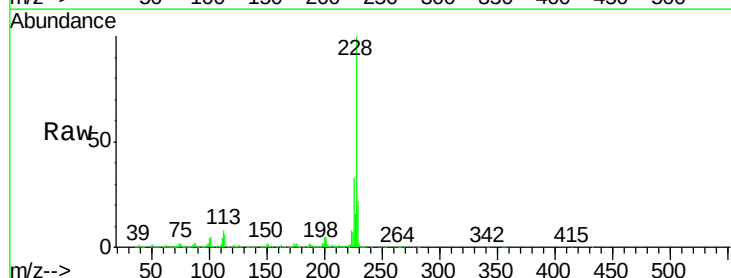
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

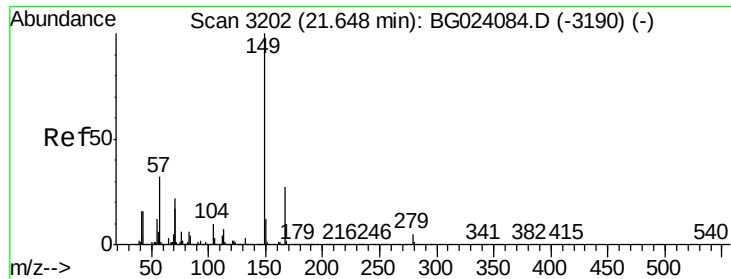
Tgt Ion: 252 Resp: 262264
 Ion Ratio Lower Upper
 252 100
 254 68.2 51.2 76.8
 126 9.8 5.3 7.9#



#82
 Chrysene
 Concen: 51.93 ng
 RT: 21.82 min Scan# 3232
 Delta R.T. -0.02 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Tgt Ion: 228 Resp: 1249268
 Ion Ratio Lower Upper
 228 100
 226 32.6 26.7 40.1
 229 21.5 17.4 26.2

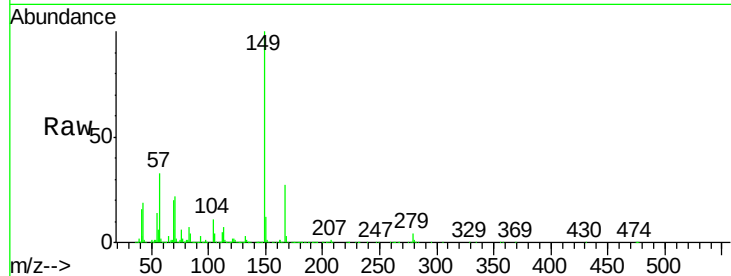




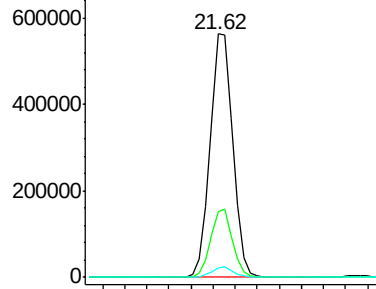
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.06 ng
 RT: 21.62 min Scan# 3198
 Delta R.T. -0.02 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

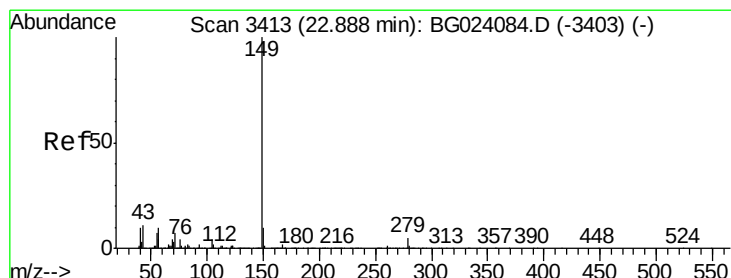
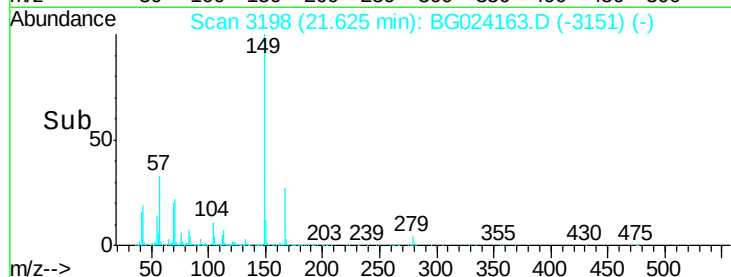
Tgt Ion:149 Resp: 815670
 Ion Ratio Lower Upper
 149 100
 167 26.7 24.0 36.0
 279 4.1 4.8 7.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

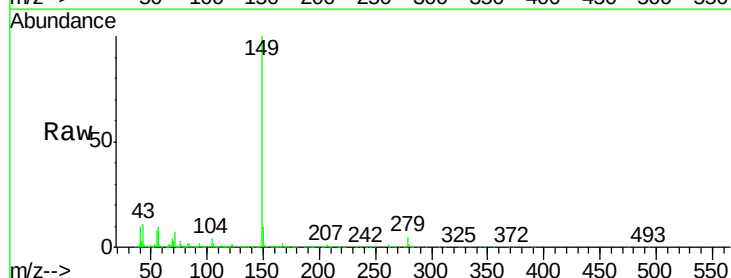


Time-->

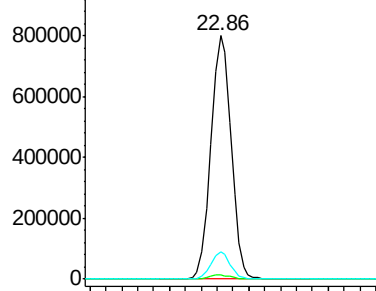


#84
 Di-n-octyl phthalate
 Concen: 59.29 ng
 RT: 22.86 min Scan# 3409
 Delta R.T. -0.02 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

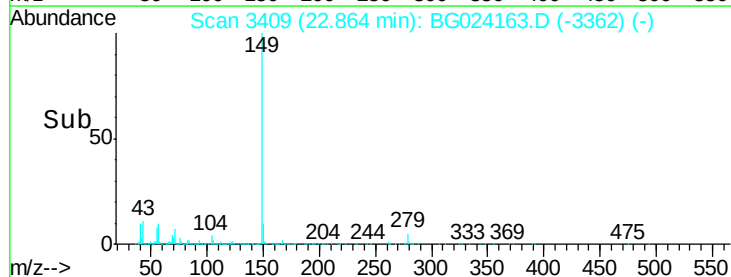
Tgt Ion:149 Resp: 1412896
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 10.8 8.8 13.2

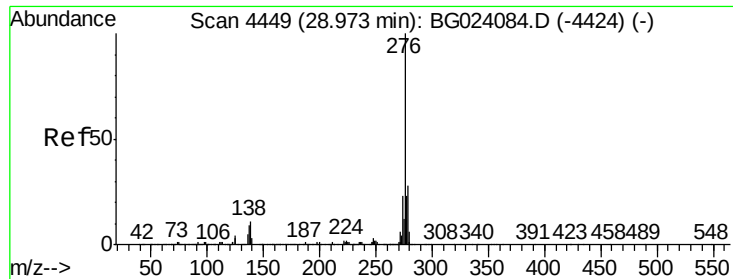


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0



Time-->

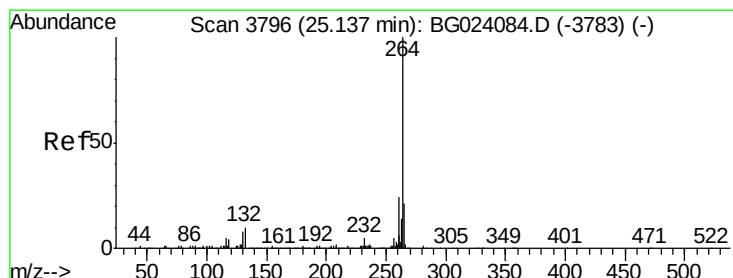
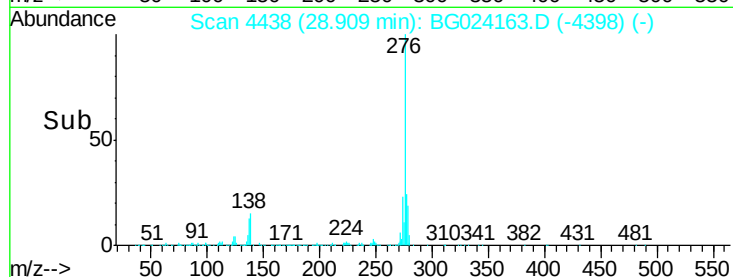
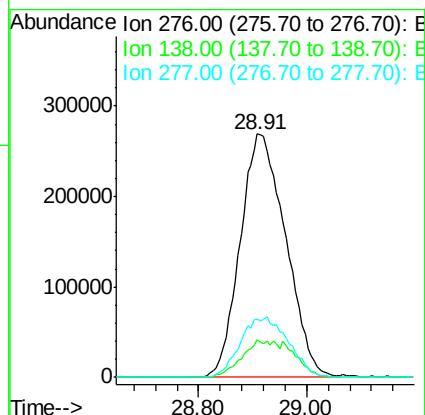
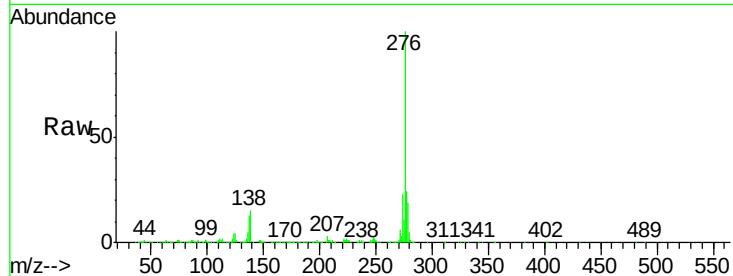




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.42 ng
 RT: 28.91 min Scan# 4438
 Delta R.T. -0.06 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

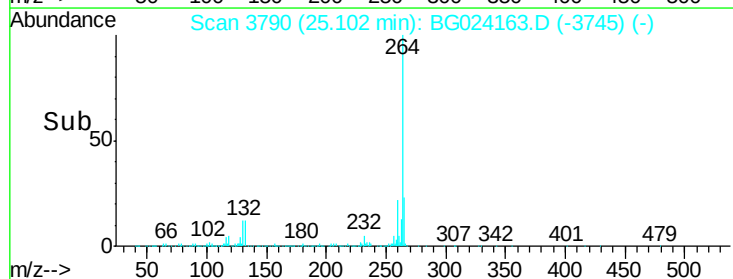
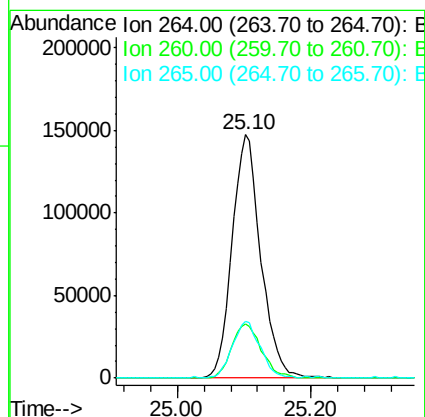
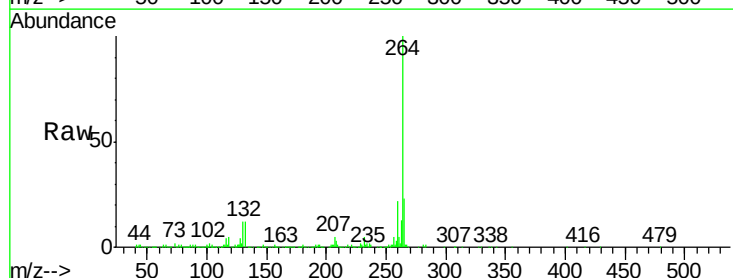
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MS

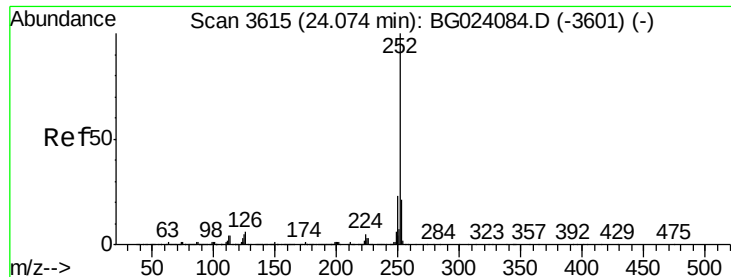
Tgt Ion:276 Resp: 1567382
 Ion Ratio Lower Upper
 276 100
 138 11.7 0.0 0.0#
 277 26.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.10 min Scan# 3790
 Delta R.T. -0.04 min
 Lab File: BG024163.D
 Acq: 30 Sep 2016 17:27

Tgt Ion:264 Resp: 440493
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.4 27.6
 265 23.1 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 53.02 ng

RT: 24.04 min Scan# 3610

Delta R.T. -0.03 min

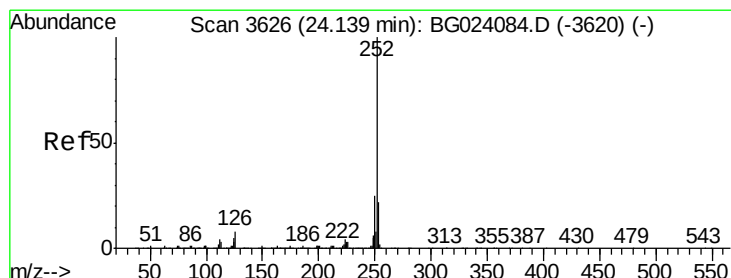
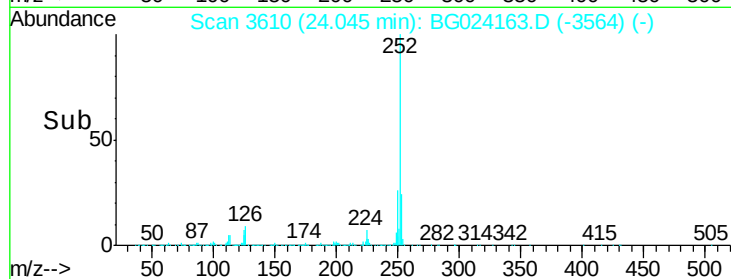
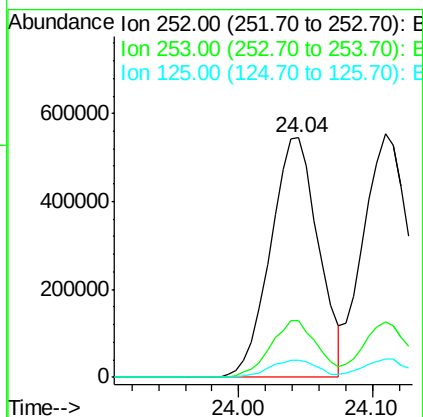
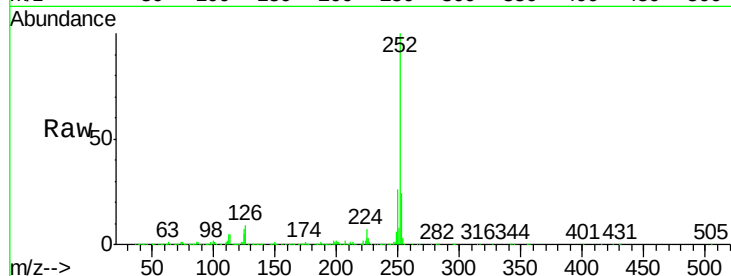
Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MS

Tgt Ion:252 Resp: 1358706

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	7.2	3.9	5.9#



#88

Benzo(k)fluoranthene

Concen: 52.24 ng

RT: 24.11 min Scan# 3621

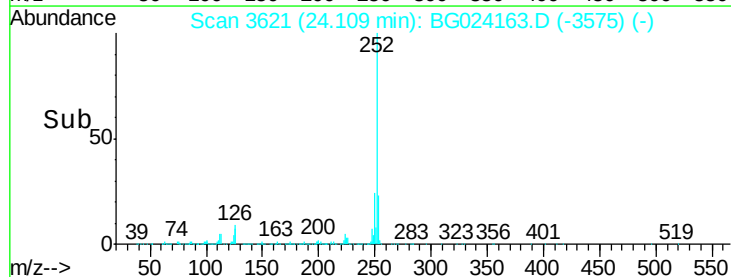
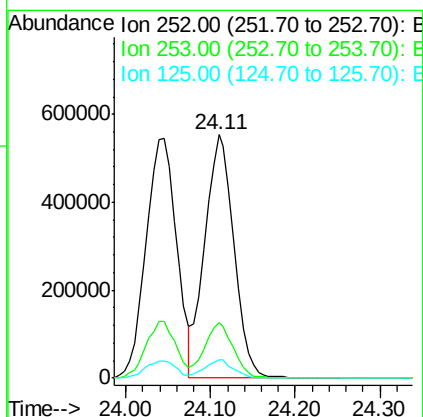
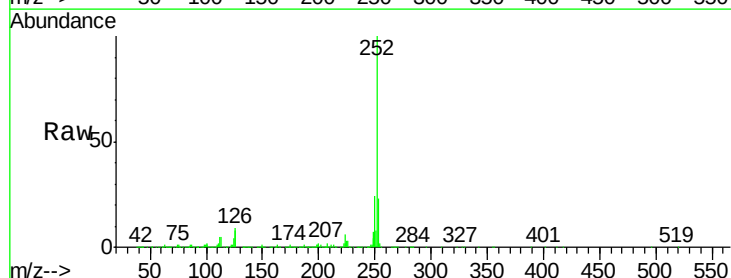
Delta R.T. -0.03 min

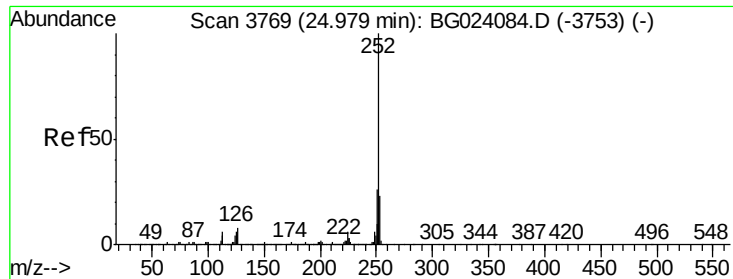
Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Tgt Ion:252 Resp: 1329677

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.8	28.2
125	7.5	3.2	4.8#





#89

Benzo(a)pyrene

Concen: 53.69 ng

RT: 24.94 min Scan# 3763

Delta R.T. -0.04 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

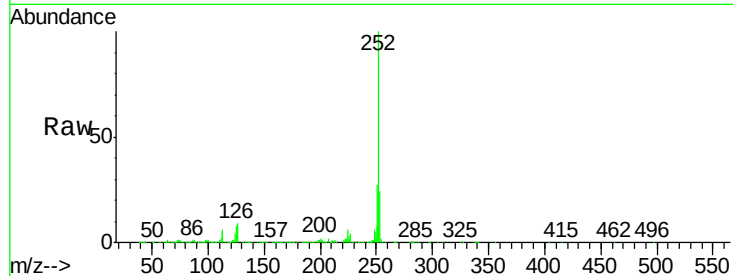
Tgt Ion:252 Resp: 1329987

Ion Ratio Lower Upper

252 100

253 23.6 18.7 28.1

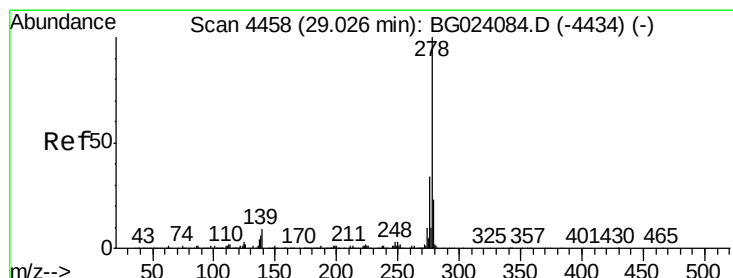
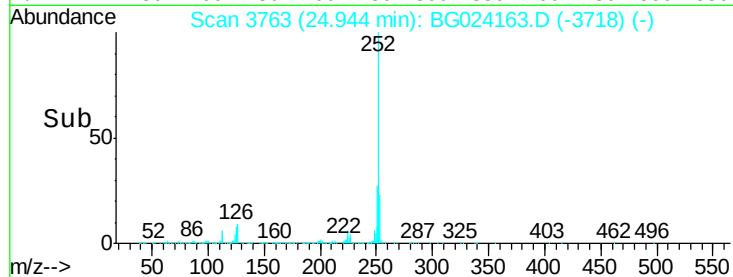
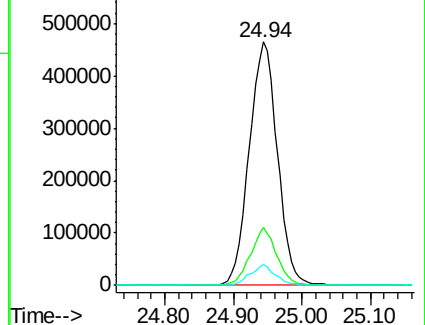
125 8.4 3.9 5.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 52.21 ng

RT: 28.96 min Scan# 4447

Delta R.T. -0.06 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

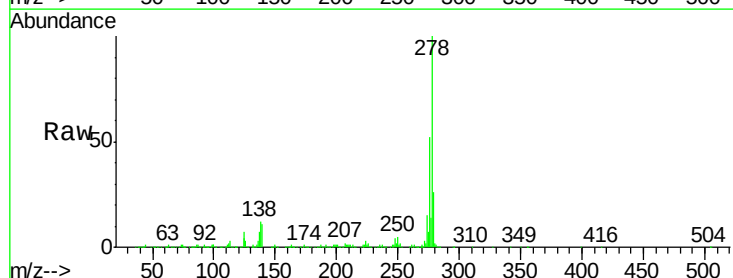
Tgt Ion:278 Resp: 1291480

Ion Ratio Lower Upper

278 100

139 10.7 4.7 7.1#

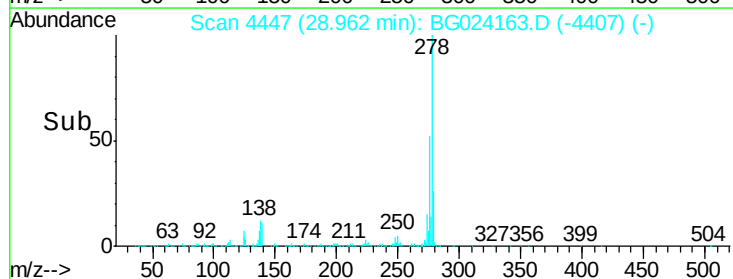
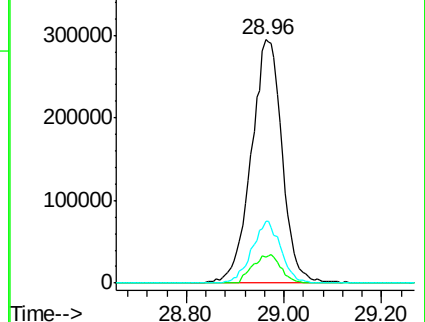
279 25.6 18.3 27.5

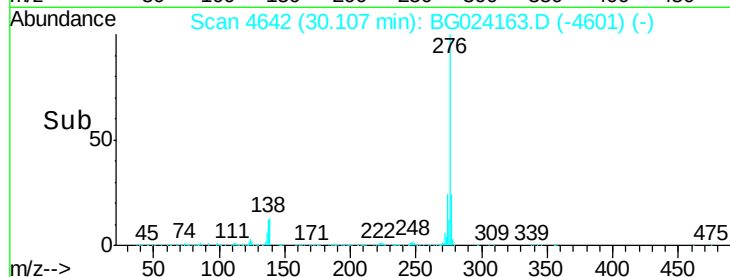
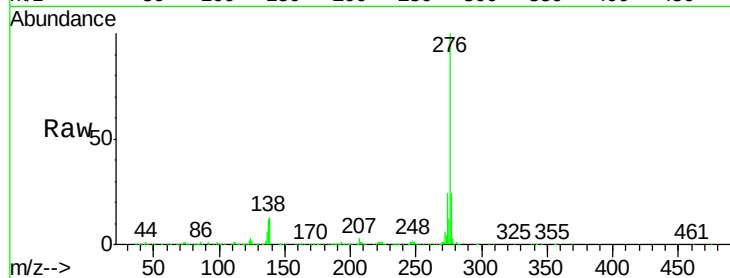
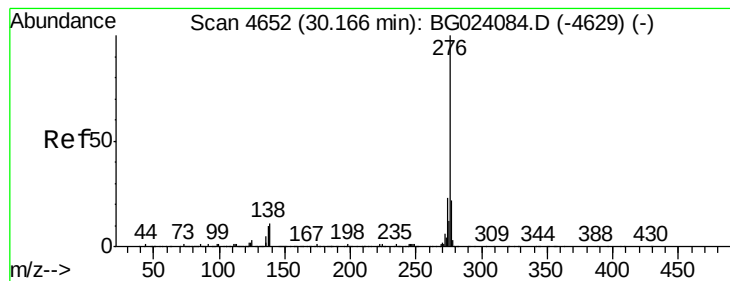


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.18 ng

RT: 30.11 min Scan# 4642

Delta R.T. -0.06 min

Lab File: BG024163.D

Acq: 30 Sep 2016 17:27

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MS

Tgt Ion:276 Resp: 1300412

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 13.0 6.8 10.2#

