

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023304.D
 Acq On : 28 Jul 2016 5:00
 Operator : UM/SJ
 Sample : PB92411BSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BSD

Quant Time: Jul 28 05:36:21 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	177887	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	795952	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	548114	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1235390	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1239901	20.00	ng	0.00
86) Perylene-d12	25.30	264	1259974	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	1424641	136.72	ng	0.00
7) Phenol-d6	7.29	99	2117939	132.39	ng	0.00
23) Nitrobenzene-d5	9.32	82	1367002	83.99	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	914746	161.24	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2624681	89.62	ng	0.00
78) Terphenyl-d14	20.18	244	3298448	86.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	141451	31.65	ng	# 93
3) Pyridine	3.94	79	454773	29.08	ng	# 91
4) n-Nitrosodimethylamine	3.85	42	202738	28.69	ng	# 71
6) Aniline	7.46	93	808210	37.82	ng	93
8) 2-Chlorophenol	7.70	128	524552	45.12	ng	97
9) Benzaldehyde	7.26	77	107039	9.31	ng	94
10) Phenol	7.32	94	764620	45.30	ng	83
11) bis(2-Chloroethyl)ether	7.54	93	534273	37.24	ng	94
12) 1,3-Dichlorobenzene	8.03	146	512410	39.11	ng	# 93
13) 1,4-Dichlorobenzene	8.17	146	532507	39.84	ng	92
14) 1,2-Dichlorobenzene	8.50	146	510232	39.57	ng	94
15) Benzyl Alcohol	8.38	79	532755	49.48	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.67	45	778818	34.11	ng	90
17) 2-Methylphenol	8.58	107	514393	44.58	ng	# 90
18) Hexachloroethane	9.23	117	199838	35.89	ng	94
19) n-Nitroso-di-n-propylamine	8.95	70	525469	36.52	ng	98
20) 3+4-Methylphenols	8.91	107	712904	45.44	ng	90
22) Acetophenone	8.97	105	832636	40.07	ng	# 89
24) Nitrobenzene	9.36	77	721154	38.15	ng	# 87
25) Isophorone	9.88	82	1349876	40.15	ng	# 93
26) 2-Nitrophenol	10.08	139	317913	44.53	ng	# 73
27) 2,4-Dimethylphenol	10.13	122	568437	47.24	ng	# 83
28) bis(2-Chloroethoxy)methane	10.36	93	788163	41.78	ng	97
29) 2,4-Dichlorophenol	10.62	162	567913	48.75	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	533891	41.47	ng	97
31) Naphthalene	11.03	128	1576547	42.63	ng	98
32) Benzoic acid	10.27	122	366525	39.20	ng	90
33) 4-Chloroaniline	11.13	127	437707	25.62	ng	90
34) Hexachlorobutadiene	11.30	225	337256	39.97	ng	97
35) Caprolactam	11.92	113	231938	46.82	ng	95
36) 4-Chloro-3-methylphenol	12.26	107	694375	45.37	ng	93
37) 2-Methylnaphthalene	12.63	142	1216841	44.37	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	631369	35.58	ng	98
40) Hexachlorocyclopentadiene	12.97	237	828131	98.49	ng	98

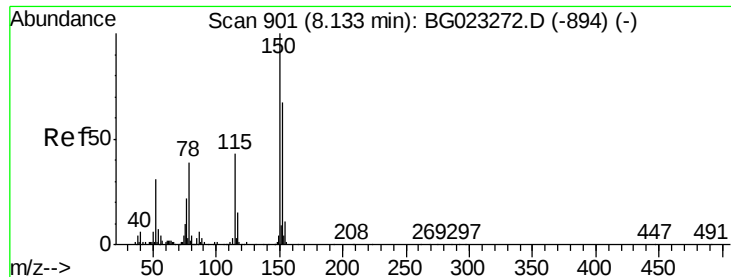
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	493722	47.37	ng	97
43) 2,4,5-Trichlorophenol	13.32	196	518469	46.89	ng	90
45) 1,1'-Biphenyl	13.64	154	1612046	42.17	ng	92
46) 2-Chloronaphthalene	13.68	162	1282733	41.88	ng	96
47) 2-Nitroaniline	13.89	65	550018	42.45	ng	89
48) Acenaphthylene	14.53	152	2027466	43.23	ng	94
49) Dimethylphthalate	14.25	163	1668889	41.26	ng	# 96
50) 2,6-Dinitrotoluene	14.38	165	410437	43.33	ng	# 79
51) Acenaphthene	14.87	154	1297809	42.66	ng	96
52) 3-Nitroaniline	14.72	138	385248	40.38	ng	78
53) 2,4-Dinitrophenol	14.93	184	508275	91.65	ng	90
54) Dibenzofuran	15.21	168	2001605	46.50	ng	97
55) 4-Nitrophenol	15.03	139	715654	86.48	ng	# 76
56) 2,4-Dinitrotoluene	15.17	165	596182	44.70	ng	91
57) Fluorene	15.86	166	1647304	43.34	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	499152	53.33	ng	93
59) Diethylphthalate	15.61	149	1718324	41.47	ng	95
60) 4-Chlorophenyl-phenylether	15.85	204	868434	42.21	ng	97
61) 4-Nitroaniline	15.89	138	460927	46.08	ng	# 63
62) Azobenzene	16.14	77	1920118	44.70	ng	90
64) 4,6-Dinitro-2-methylphenol	15.94	198	360126	45.39	ng	96
65) n-Nitrosodiphenylamine	16.07	169	1567020	47.51	ng	93
66) 4-Bromophenyl-phenylether	16.75	248	593545	47.52	ng	97
67) Hexachlorobenzene	16.87	284	607925	48.40	ng	95
68) Atrazine	17.02	200	597861	47.26	ng	97
69) Pentachlorophenol	17.22	266	751761	96.98	ng	98
70) Phenanthrene	17.61	178	2570285	47.57	ng	95
71) Anthracene	17.71	178	2590629	47.45	ng	92
72) Carbazole	17.98	167	2424404	48.48	ng	95
73) Di-n-butylphthalate	18.52	149	2643282	47.38	ng	# 97
74) Fluoranthene	19.63	202	2774326	44.99	ng	88
76) Benzidine	19.81	184	2025417	58.08	ng	96
77) Pyrene	19.99	202	2806918	39.89	ng	93
79) Butylbenzylphthalate	20.87	149	1335378	43.14	ng	98
80) Benzo(a)anthracene	21.88	228	2826568	43.54	ng	97
81) 3,3'-Dichlorobenzidine	21.78	252	877676	33.35	ng	# 93
82) Chrysene	21.94	228	2626037	41.87	ng	91
83) Bis(2-ethylhexyl)phthalate	21.75	149	1853544	42.79	ng	96
84) Di-n-octyl phthalate	23.03	149	3087373	43.57	ng	99
85) Indeno(1,2,3-cd)pyrene	29.20	276	3601154	49.22	ng	# 100
87) Benzo(b)fluoranthene	24.22	252	3029603	45.26	ng	# 92
88) Benzo(k)fluoranthene	24.29	252	2886163	43.13	ng	# 92
89) Benzo(a)pyrene	25.14	252	2938908	44.81	ng	# 94
90) Dibenzo(a,h)anthracene	29.27	278	2967785	47.83	ng	# 89
91) Benzo(g,h,i)perylene	30.44	276	2985319	45.70	ng	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

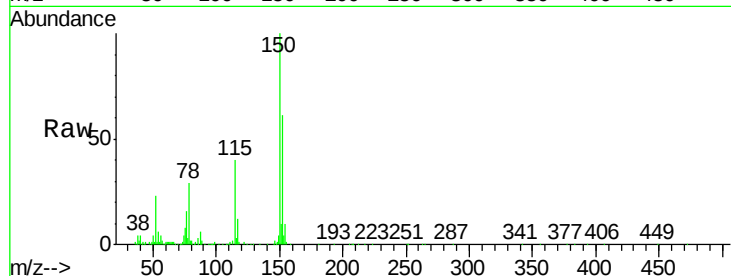
Tgt Ion:152 Resp: 177887

Ion Ratio Lower Upper

152 100

150 163.1 144.7 217.1

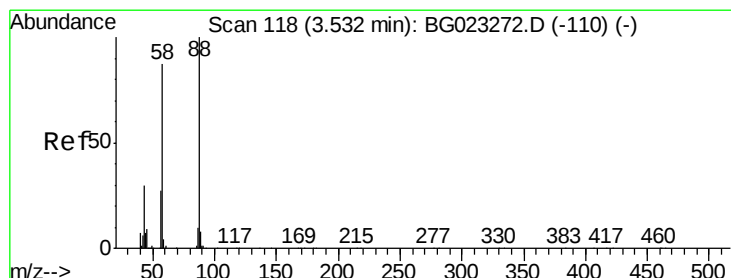
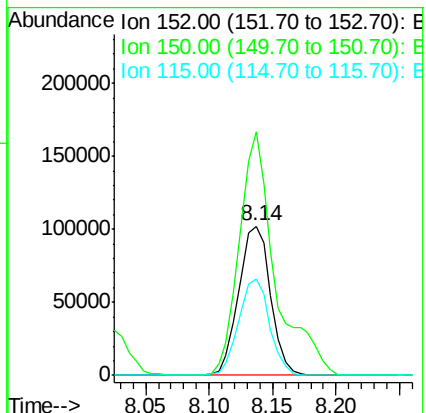
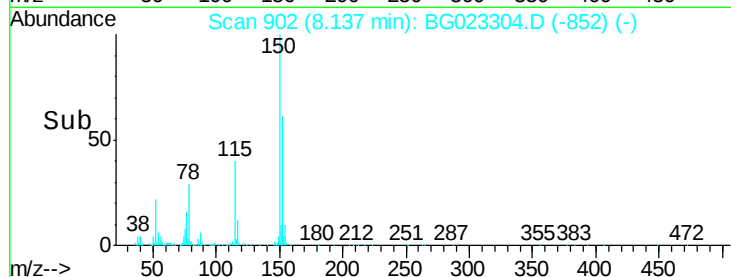
115 64.6 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.65 ng

RT: 3.53 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

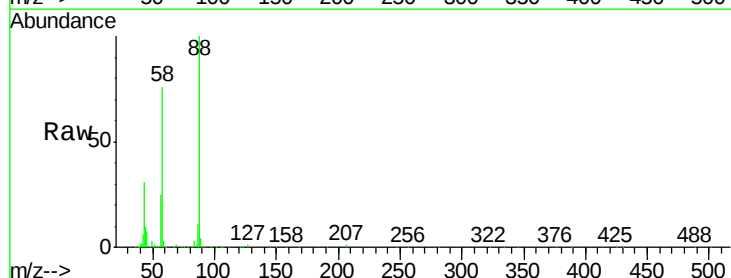
Tgt Ion: 88 Resp: 141451

Ion Ratio Lower Upper

88 100

58 77.6 60.4 90.6

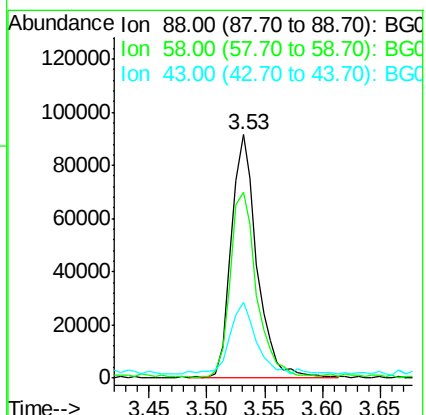
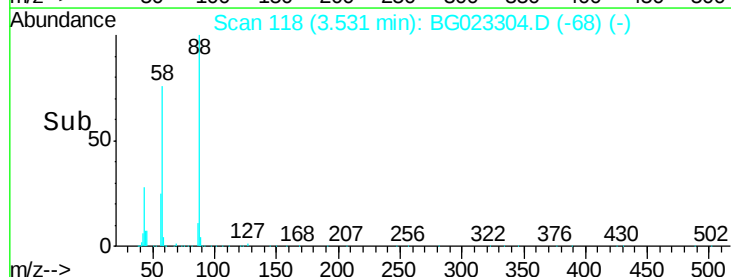
43 29.8 31.1 46.7#

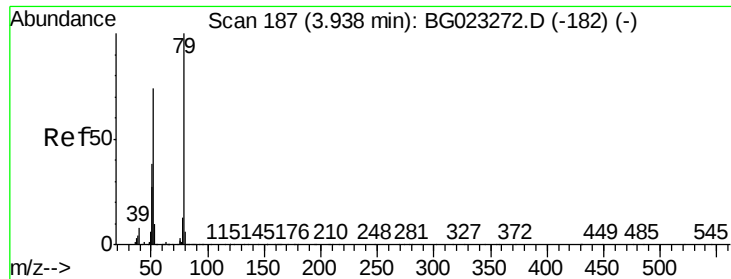


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.08 ng

RT: 3.94 min Scan# 187

Delta R.T. -0.03 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

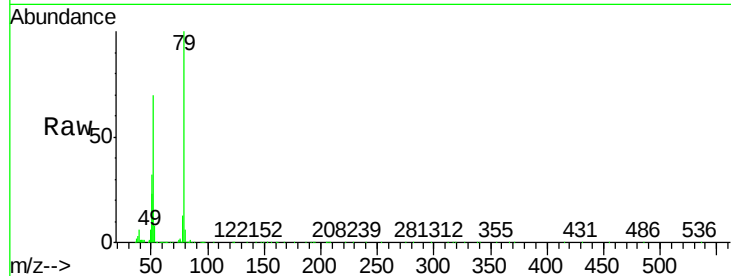
Tgt Ion: 79 Resp: 454773

Ion Ratio Lower Upper

79 100

52 69.6 51.8 77.8

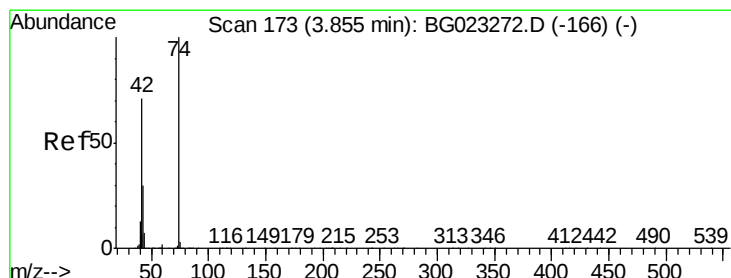
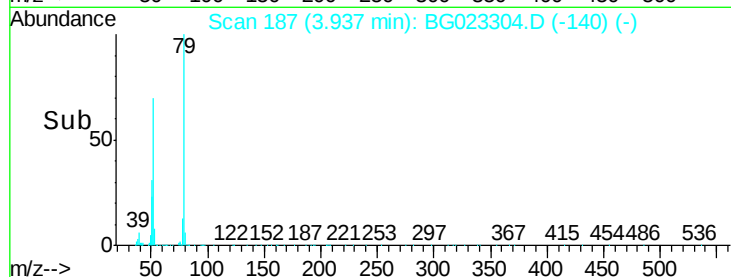
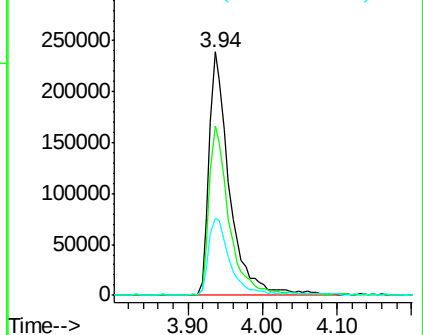
51 31.8 32.7 49.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 28.69 ng

RT: 3.85 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

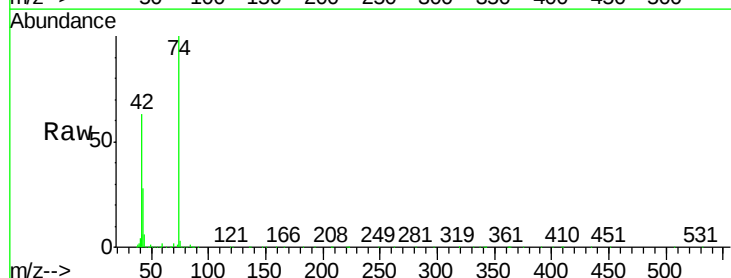
Tgt Ion: 42 Resp: 202738

Ion Ratio Lower Upper

42 100

74 159.4 100.6 150.8#

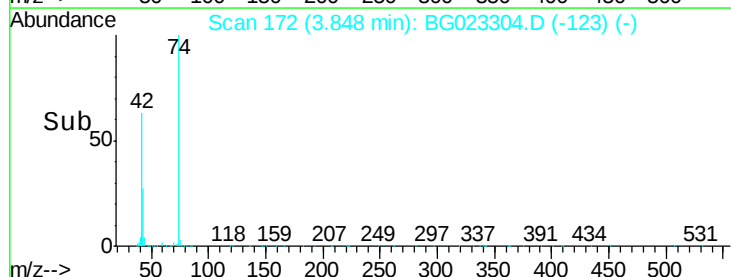
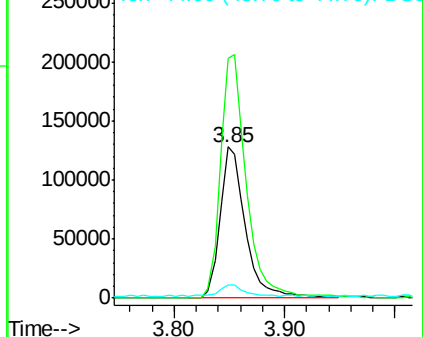
44 8.9 4.5 6.7#

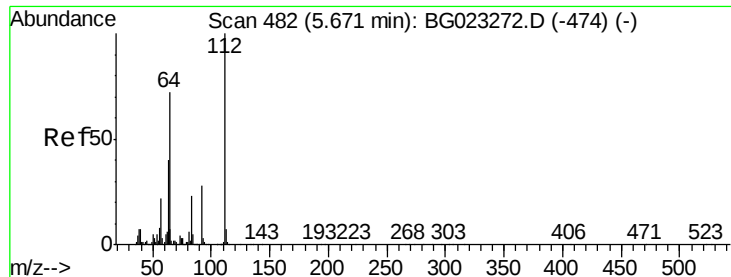


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 136.72 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

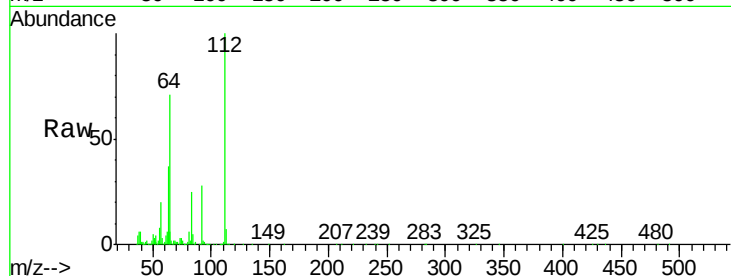
Tgt Ion: 112 Resp: 1424641

Ion Ratio Lower Upper

112 100

64 70.8 59.0 88.4

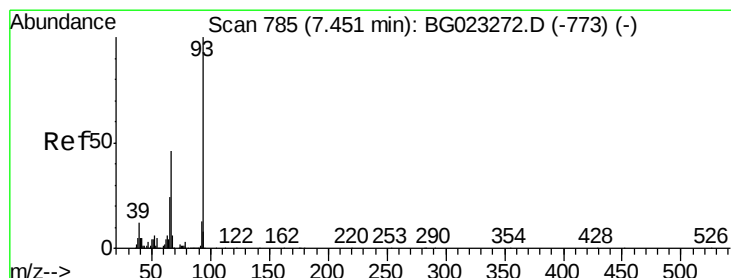
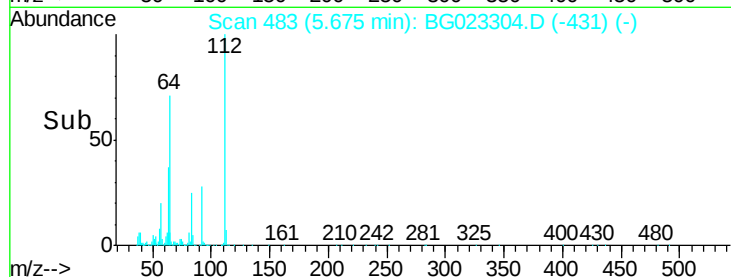
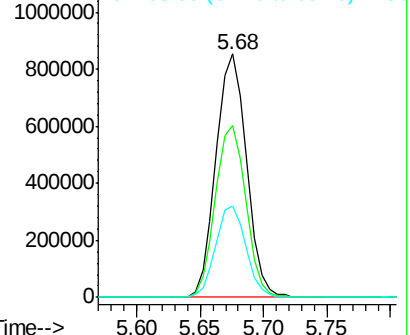
63 37.4 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.82 ng

RT: 7.46 min Scan# 786

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

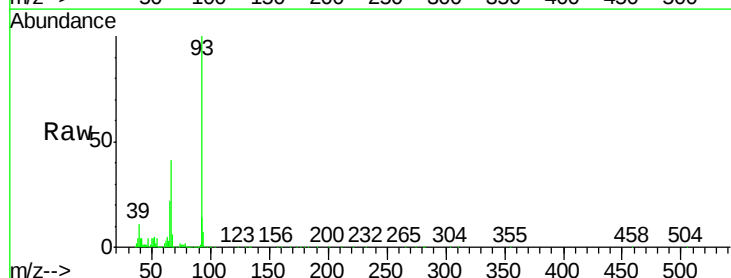
Tgt Ion: 93 Resp: 808210

Ion Ratio Lower Upper

93 100

66 40.6 37.5 56.3

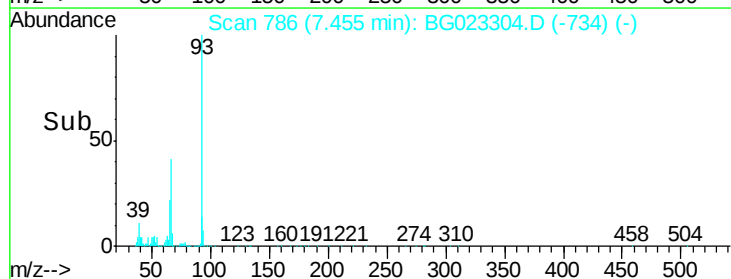
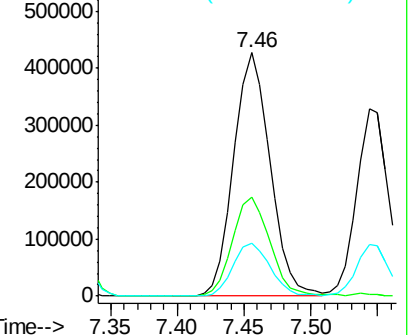
65 21.5 17.9 26.9

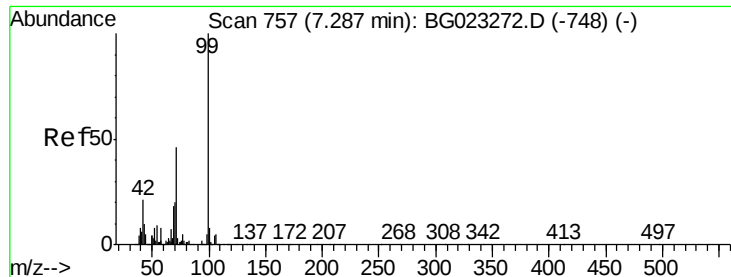


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.39 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

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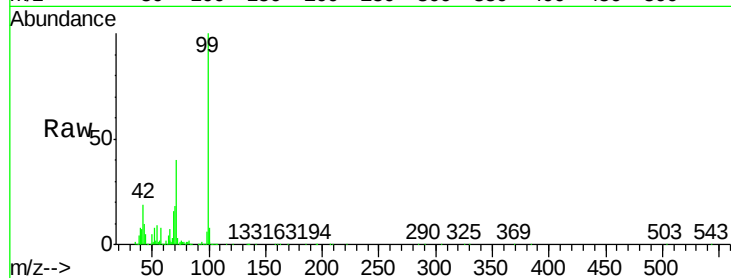
Tgt Ion: 99 Resp: 2117939

Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.8	26.6
71	39.6	41.5	62.3

99 100

42 18.8 17.8 26.6

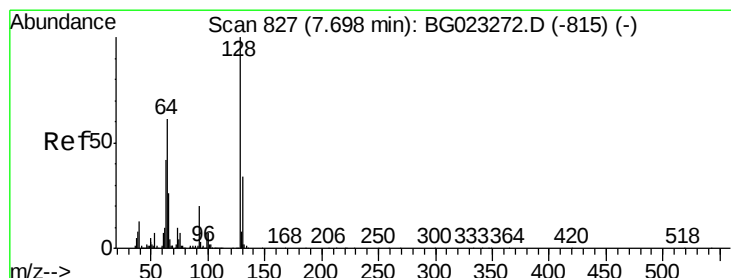
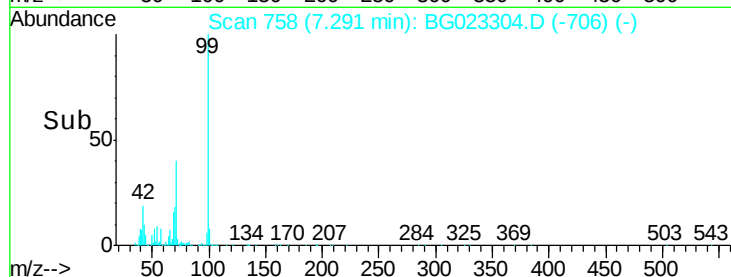
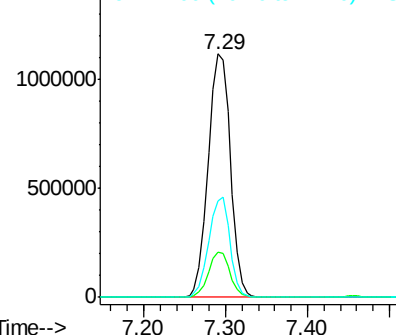
71 39.6 41.5 62.3



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: 45.12 ng

RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

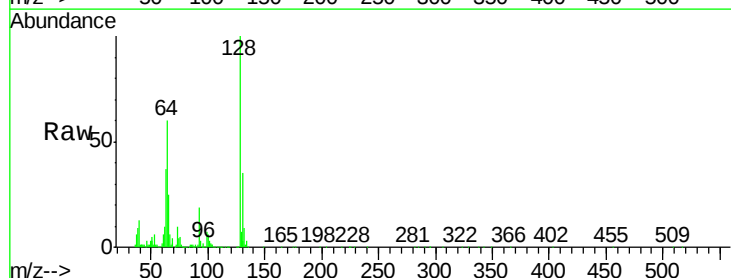
Tgt Ion: 128 Resp: 524552

Ion	Ratio	Lower	Upper
128	100		
130	35.4	12.9	52.9
64	60.3	42.0	82.0

128 100

130 35.4 12.9 52.9

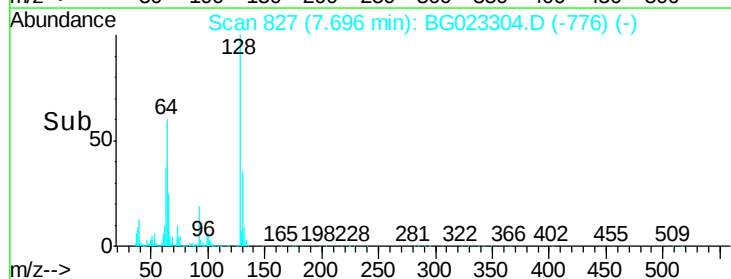
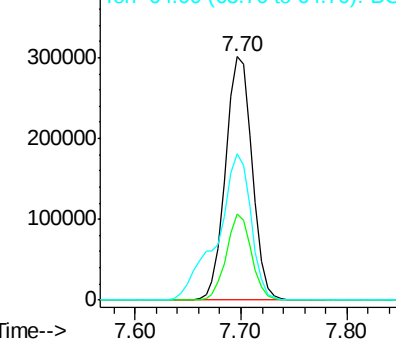
64 60.3 42.0 82.0

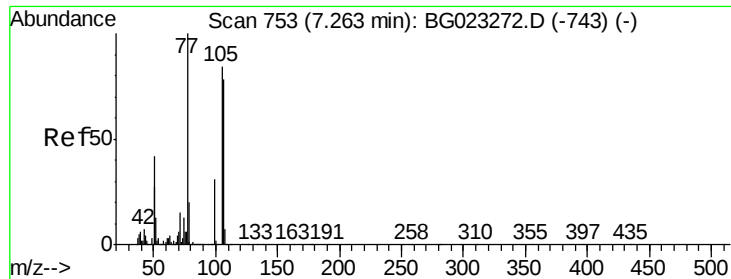


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 9.31 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

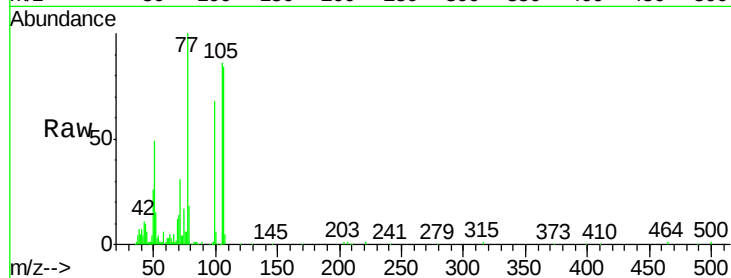
Tgt Ion: 77 Resp: 107039

Ion Ratio Lower Upper

77 100

105 86.5 58.7 98.7

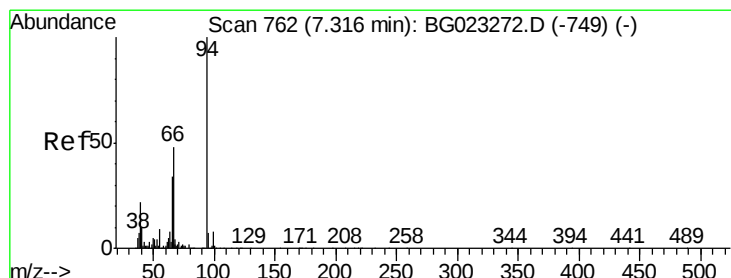
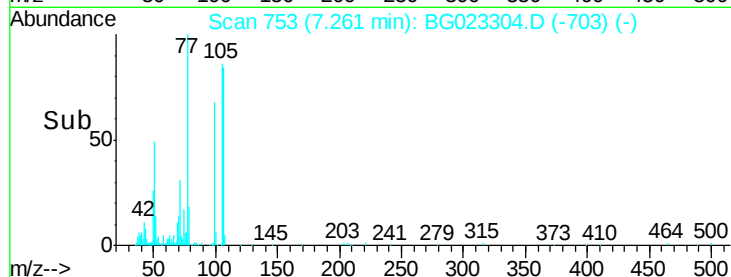
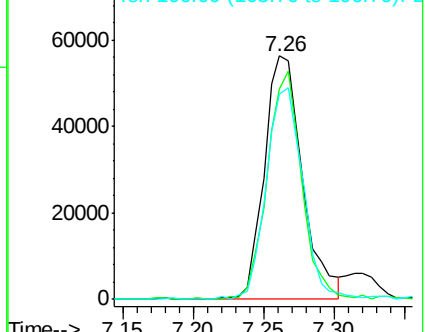
106 84.4 67.5 107.5



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: 45.30 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

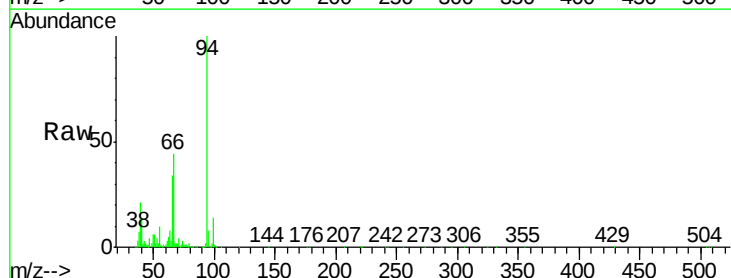
Tgt Ion: 94 Resp: 764620

Ion Ratio Lower Upper

94 100

65 34.0 18.1 58.1

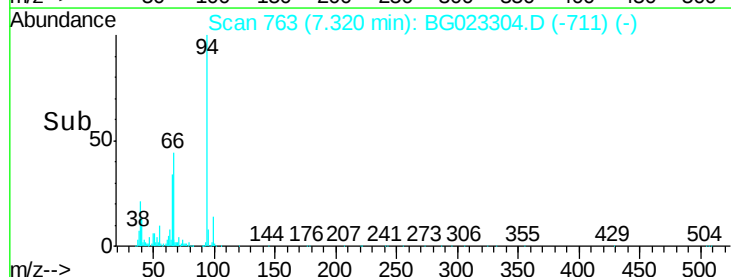
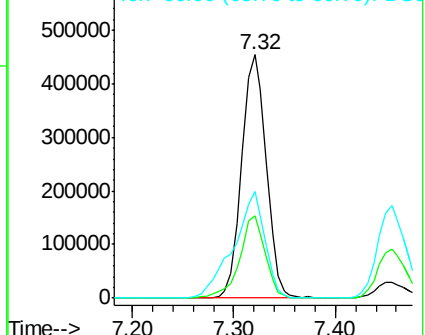
66 44.1 42.1 82.1

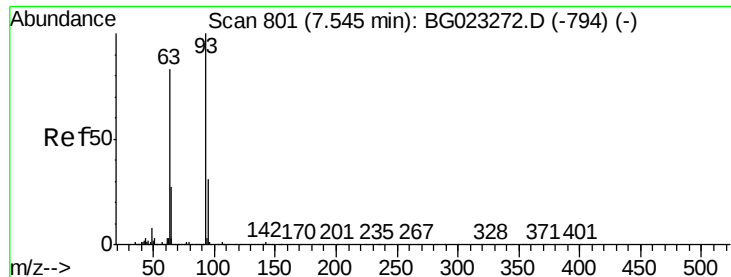


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

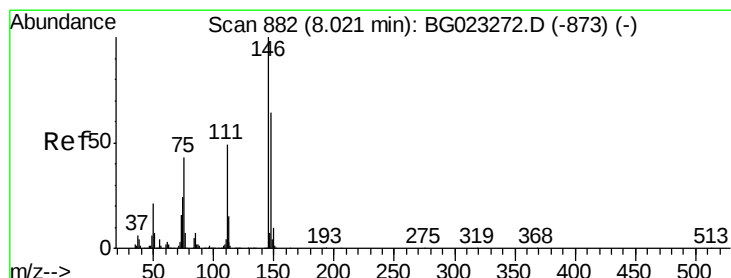
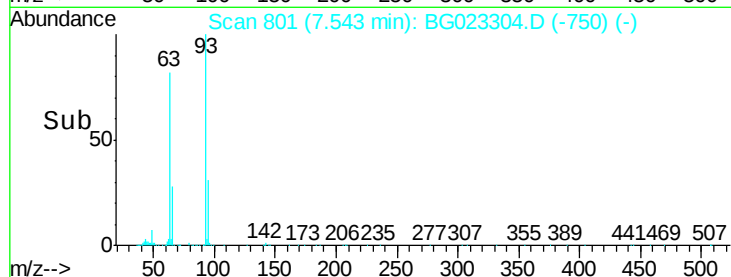
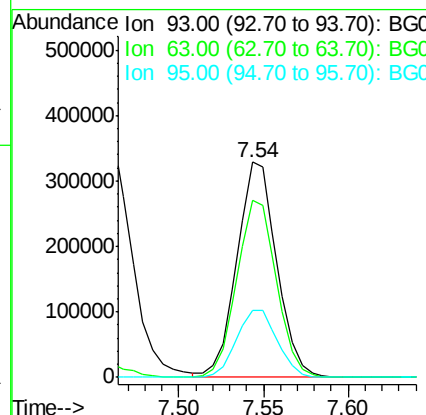
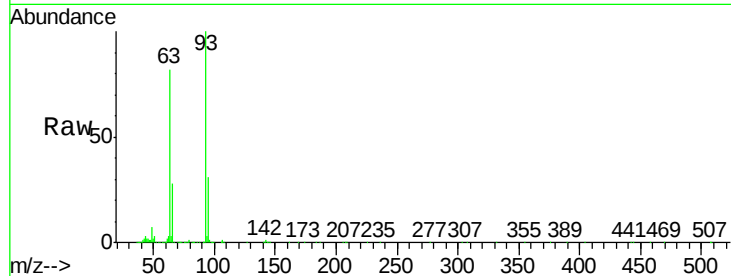




#11
bis(2-Chloroethyl)ether
Concen: 37.24 ng
RT: 7.54 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

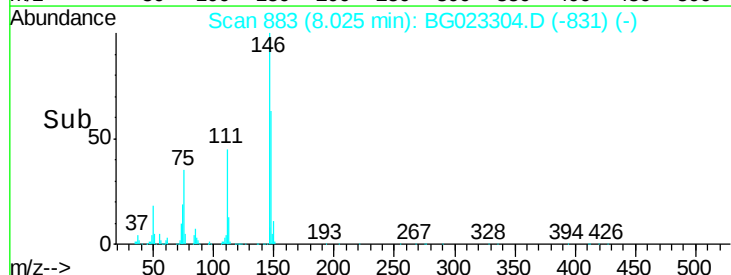
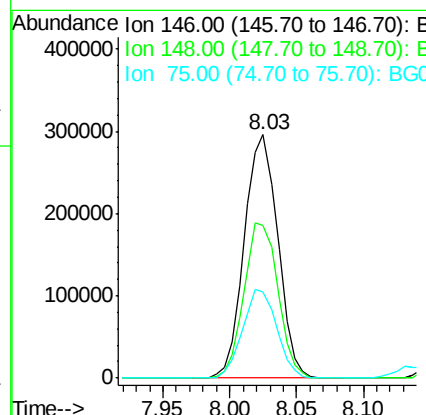
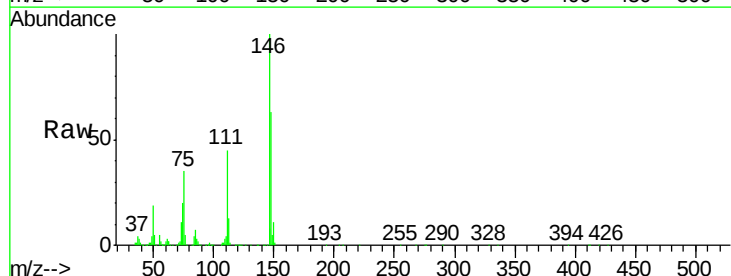
Instrument :
BNA_G
ClientSampleId :
PB92411BSD

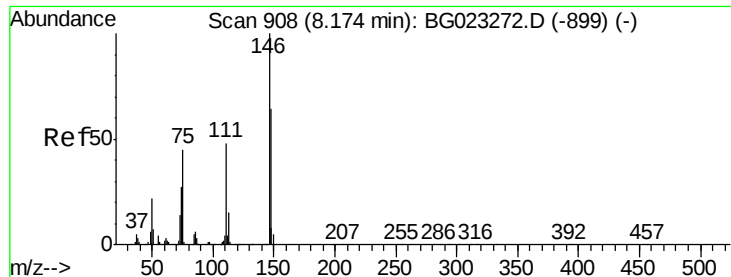
Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.2	55.0	95.0
95	31.2	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 39.11 ng
RT: 8.03 min Scan# 883
Delta R.T. 0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.3	75.5
75	35.3	37.0	55.6

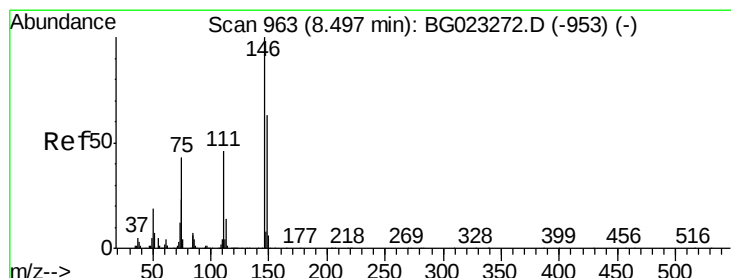
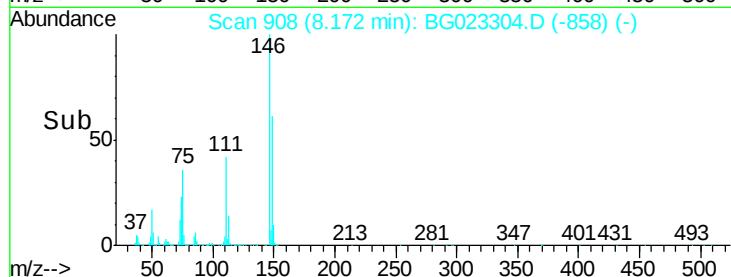
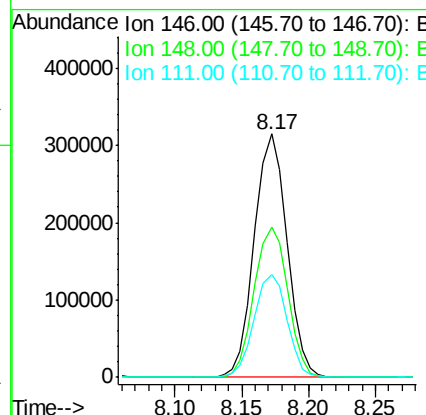
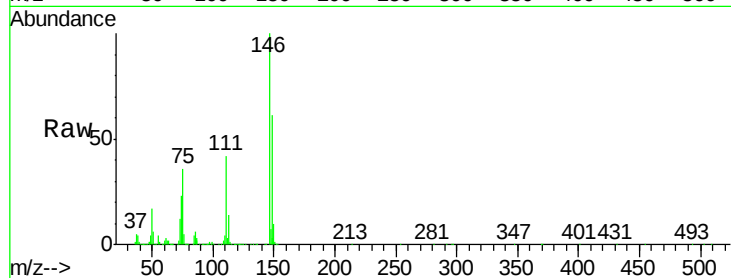




#13
 1,4-Dichlorobenzene
 Concen: 39.84 ng
 RT: 8.17 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

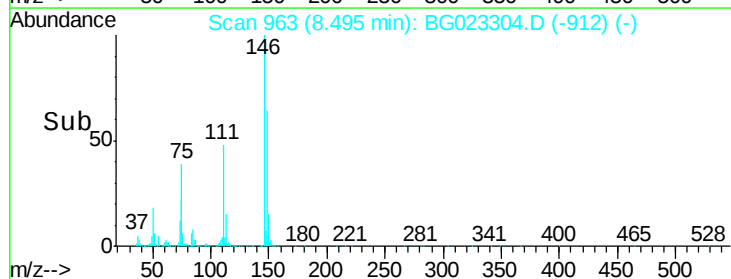
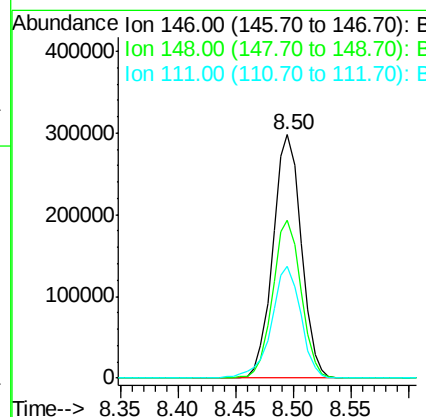
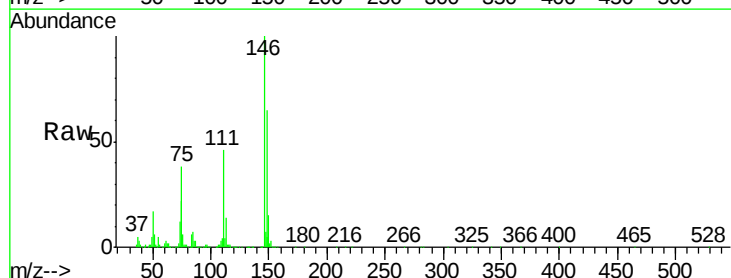
Instrument :
 BNA_G
 ClientSampleId :
 PB92411BSD

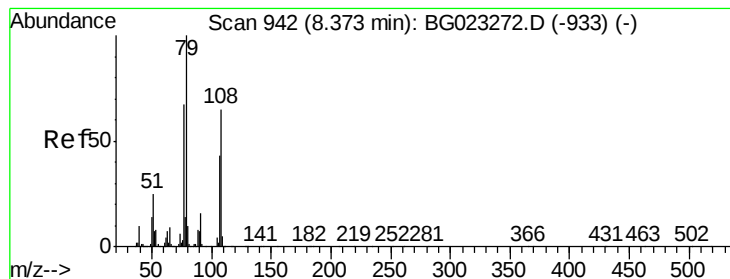
Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	54.5	81.7
111	42.5	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 39.57 ng
 RT: 8.50 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.9	79.3
111	45.7	43.5	65.3





#15

Benzyl Alcohol

Concen: 49.48 ng

RT: 8.38 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

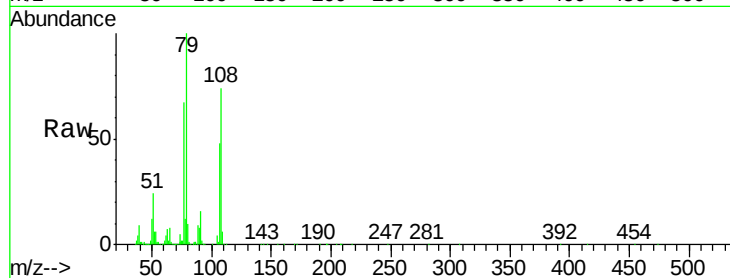
Tgt Ion: 79 Resp: 532755

Ion Ratio Lower Upper

79 100

108 74.1 46.5 69.7#

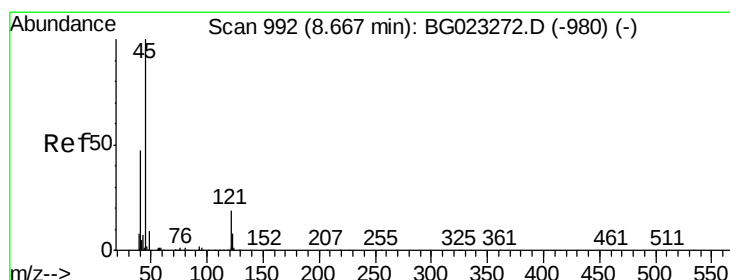
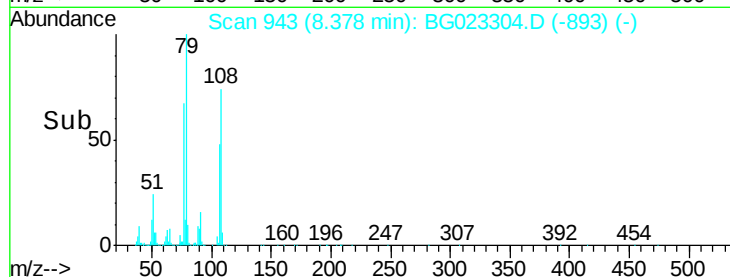
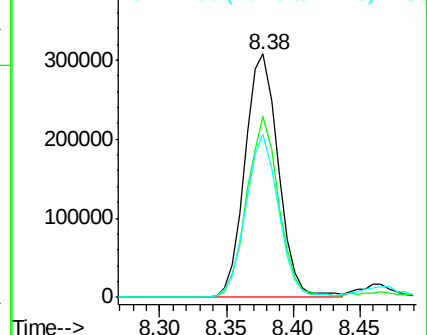
77 67.0 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.11 ng

RT: 8.67 min Scan# 993

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

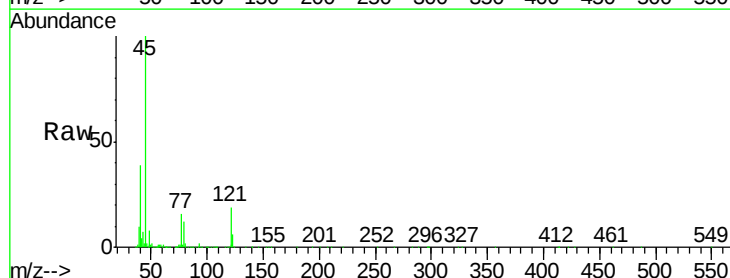
Tgt Ion: 45 Resp: 778818

Ion Ratio Lower Upper

45 100

77 16.1 0.6 40.6

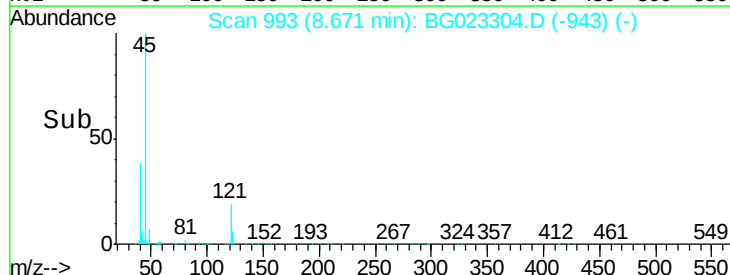
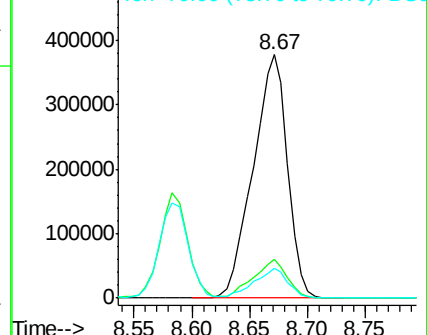
79 12.1 0.0 36.2

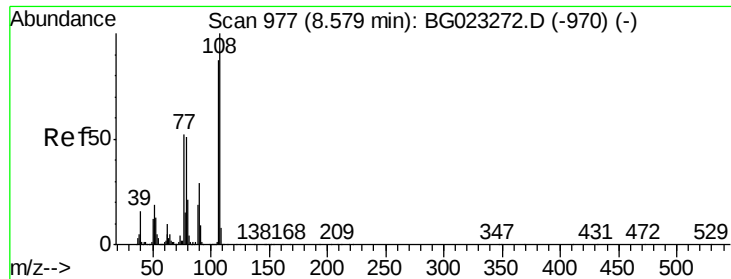


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

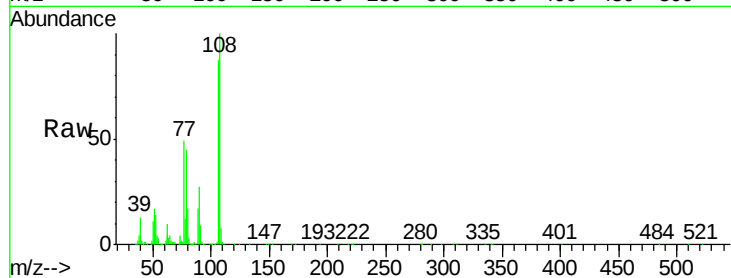




#17
2-Methylphenol
Concen: 44.58 ng
RT: 8.58 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB92411BSD

Tgt Ion:	107	Resp:	514393
Ion	Ratio	Lower	Upper
107	100		
108	115.3	92.0	138.0
77	56.8	55.8	83.6
79	51.5	55.0	82.6#



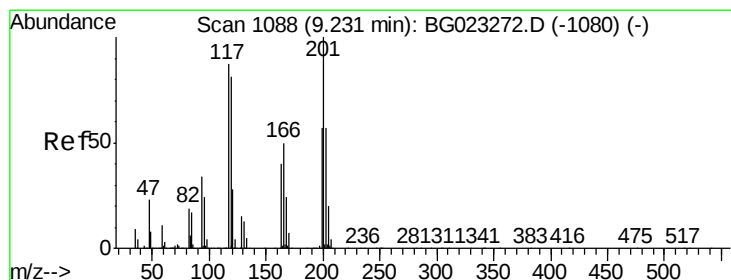
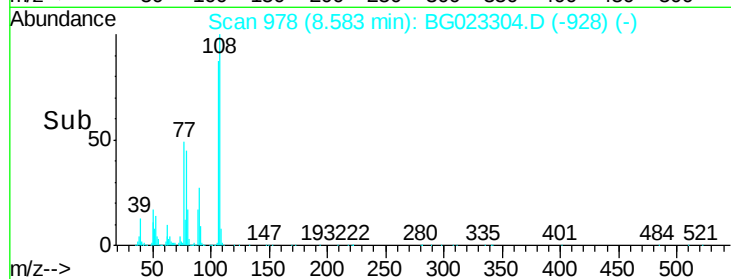
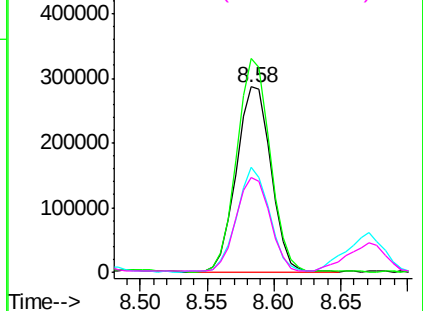
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

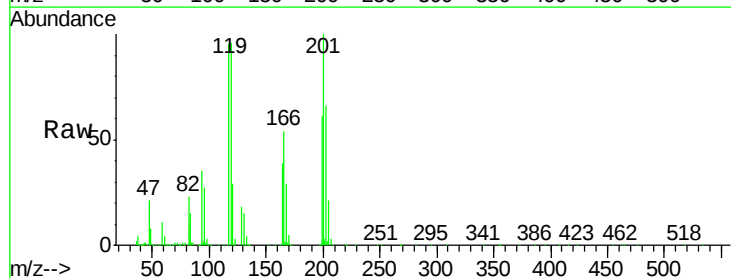
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.89 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Tgt Ion:	117	Resp:	199838
Ion	Ratio	Lower	Upper
117	100		
119	100.9	73.7	110.5
201	108.3	88.7	133.1

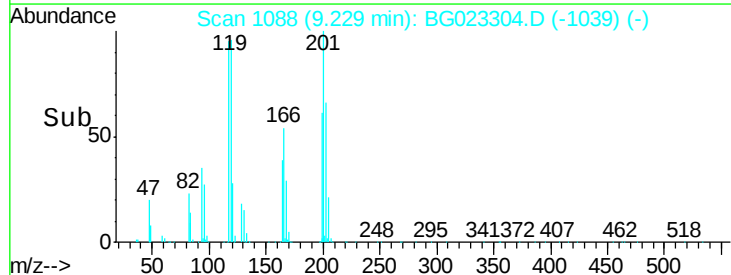
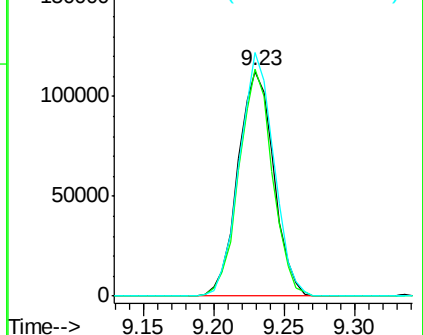


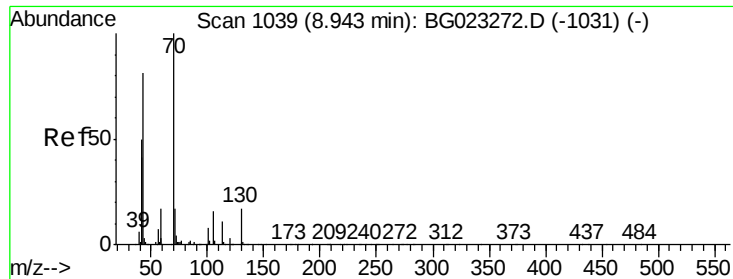
Abundance

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

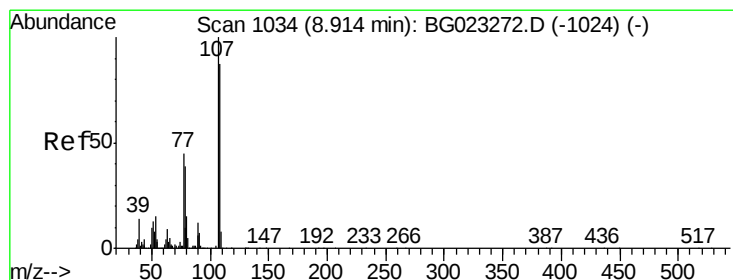
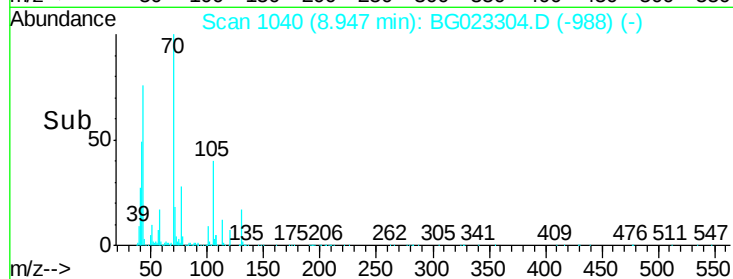
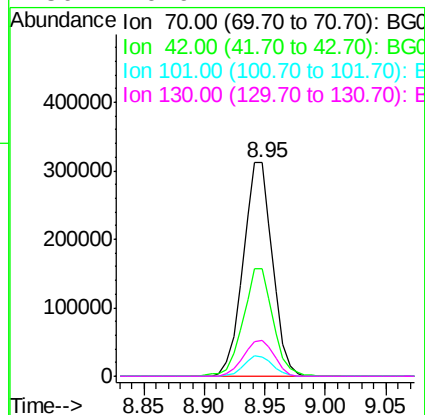
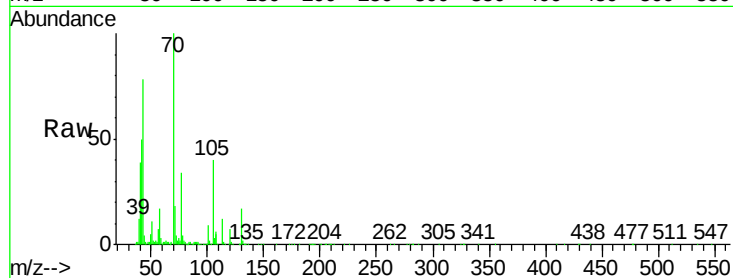




#19
n-Nitroso-di-n-propylamine
Concen: 36.52 ng
RT: 8.95 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

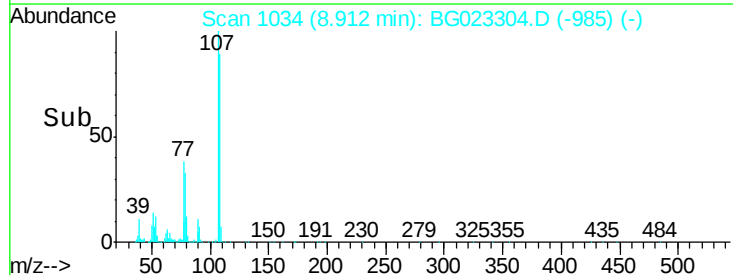
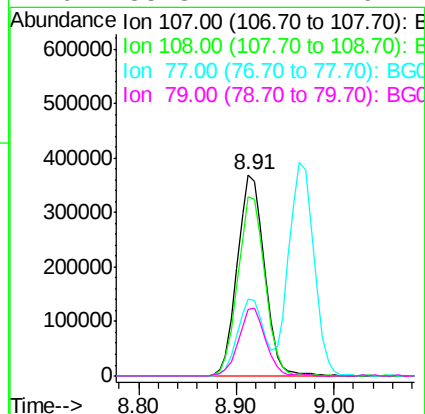
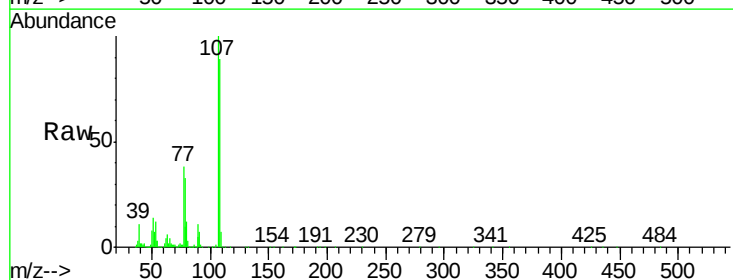
Instrument :
BNA_G
ClientSampleId :
PB92411BSD

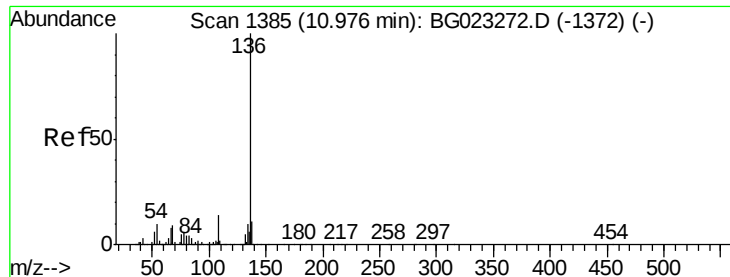
Tgt Ion:	70	Resp:	525469
Ion	Ratio	Lower	Upper
70	100		
42	50.5	42.1	63.1
101	8.7	7.2	10.8
130	16.9	14.2	21.2



#20
3+4-Methylphenols
Concen: 45.44 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Tgt Ion:	107	Resp:	712904
Ion	Ratio	Lower	Upper
107	100		
108	89.1	72.5	112.5
77	38.0	30.1	70.1
79	33.3	24.2	64.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

Tgt Ion:136 Resp: 795952

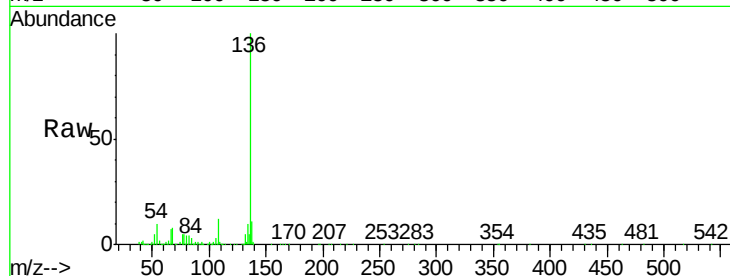
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 10.0 7.3 10.9

68 7.8 5.3 7.9

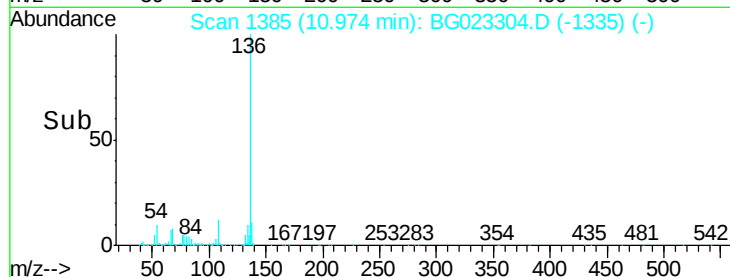


Abundance Ion 136.00 (135.70 to 136.70): E

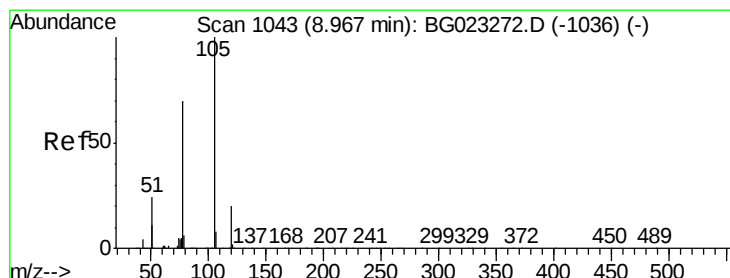
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



Time-->



#22

Acetophenone

Concen: 40.07 ng

RT: 8.97 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Tgt Ion:105 Resp: 832636

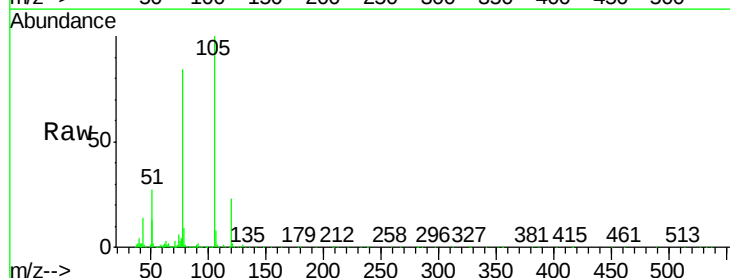
Ion Ratio Lower Upper

105 100

71 0.3 2.6 3.8#

51 27.2 27.1 40.7

120 23.3 15.1 22.7#

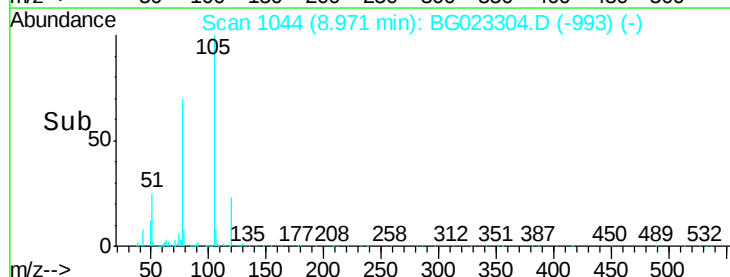


Abundance Ion 105.00 (104.70 to 105.70): E

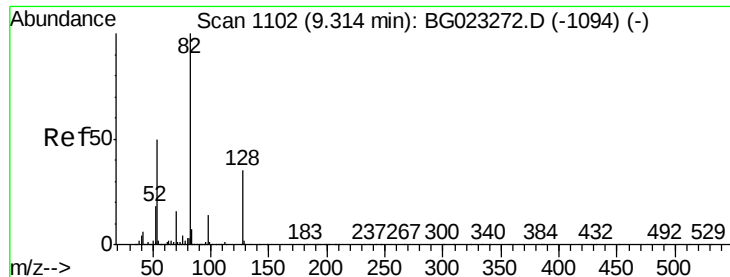
Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E



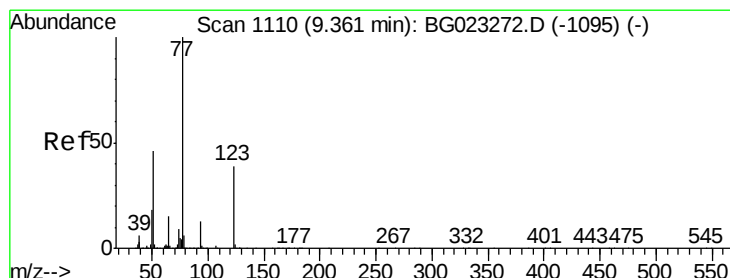
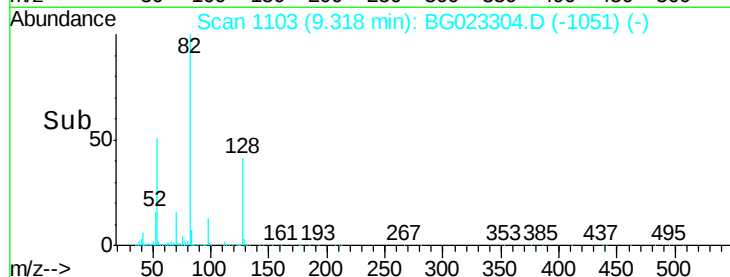
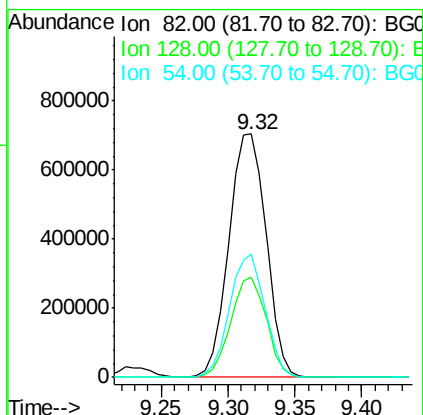
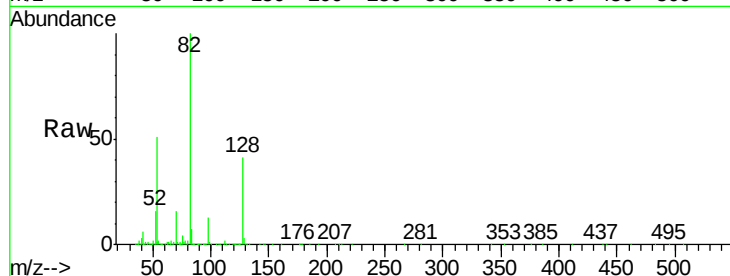
Time-->



#23
 Nitrobenzene-d5
 Concen: 83.99 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

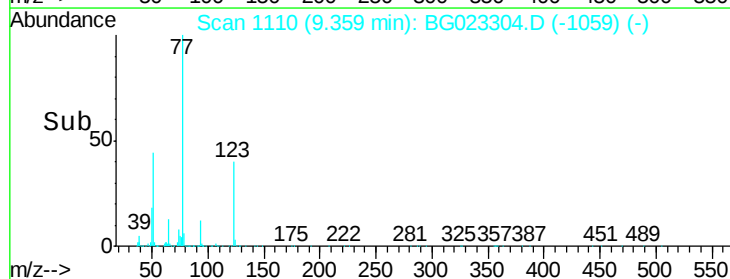
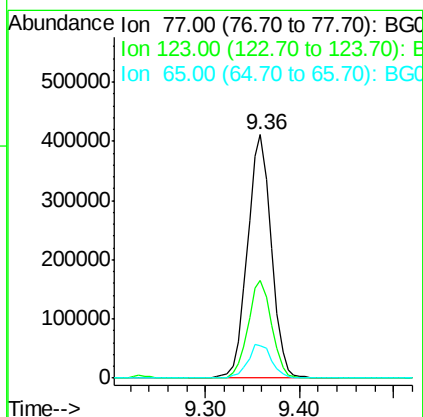
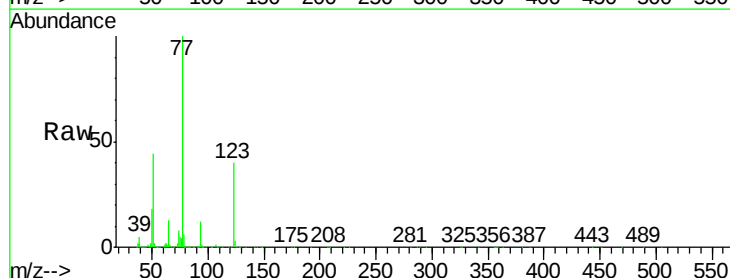
Instrument :
 BNA_G
 ClientSampleId :
 PB92411BSD

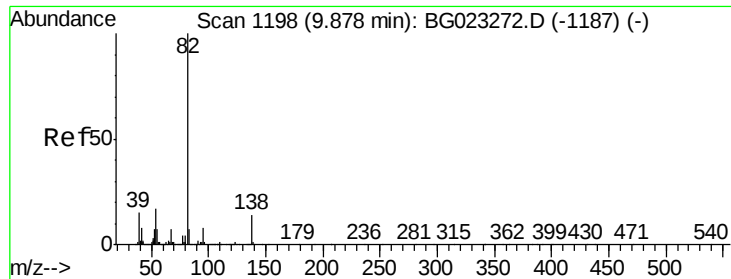
Tgt Ion: 82 Resp: 1367002
 Ion Ratio Lower Upper
 82 100
 128 41.3 24.4 36.6#
 54 50.7 41.4 62.0



#24
 Nitrobenzene
 Concen: 38.15 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

Tgt Ion: 77 Resp: 721154
 Ion Ratio Lower Upper
 77 100
 123 40.2 25.0 37.6#
 65 13.3 13.4 20.0#





#25

Isophorone

Concen: 40.15 ng

RT: 9.88 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

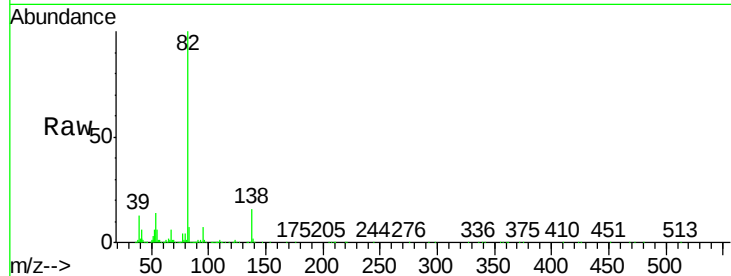
Tgt Ion: 82 Resp: 1349876

Ion Ratio Lower Upper

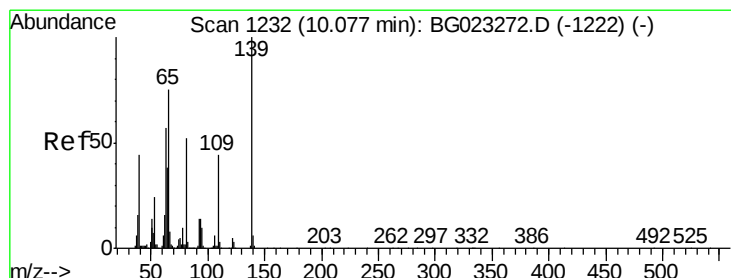
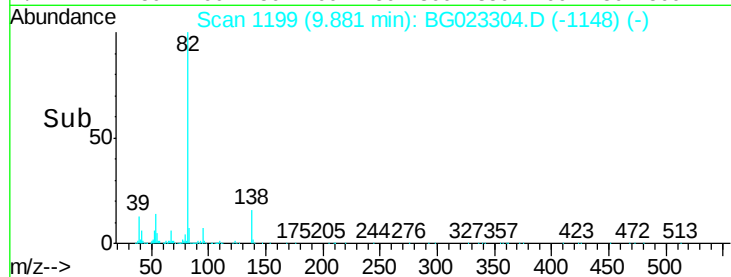
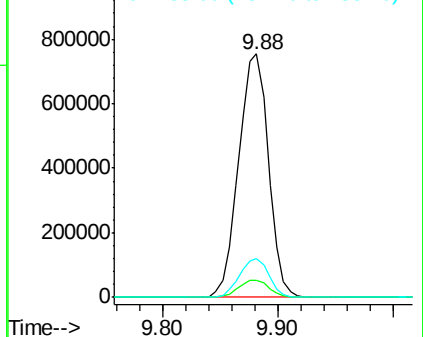
82 100

95 6.8 8.2 12.2#

138 15.8 10.7 16.1



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



#26

2-Nitrophenol

Concen: 44.53 ng

RT: 10.08 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

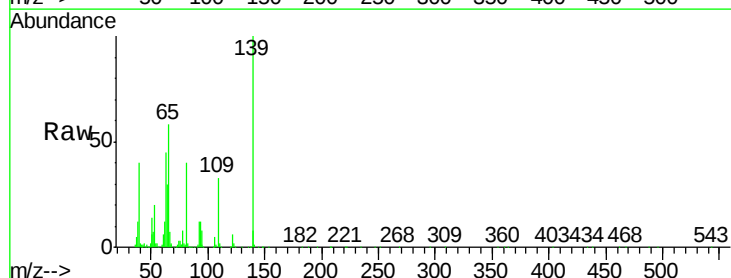
Tgt Ion: 139 Resp: 317913

Ion Ratio Lower Upper

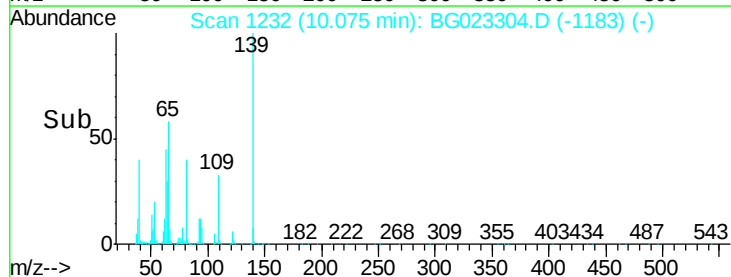
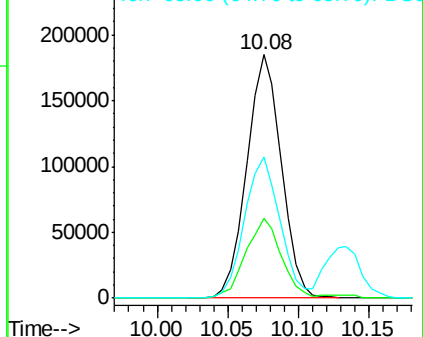
139 100

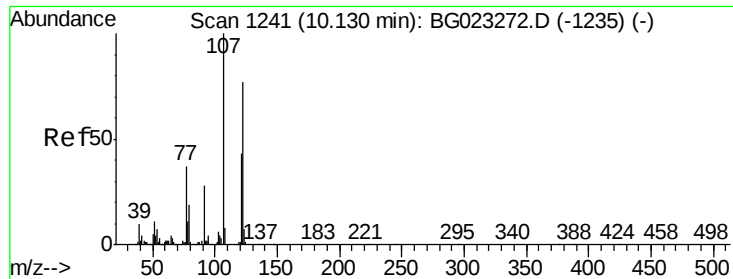
109 32.8 43.5 65.3#

65 57.9 64.3 96.5#



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

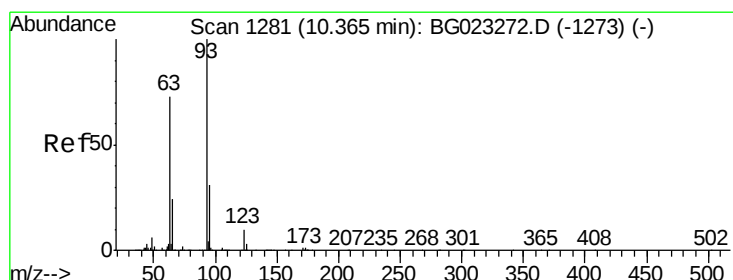
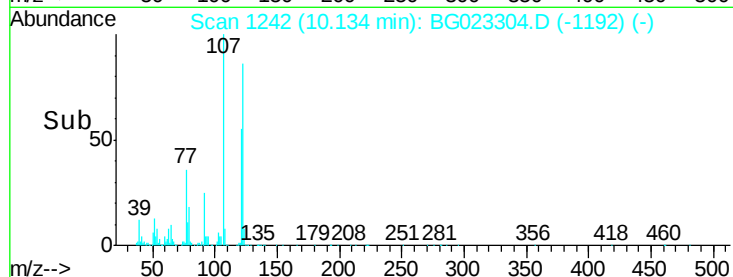
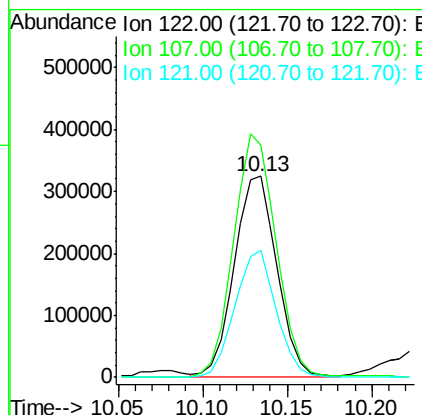
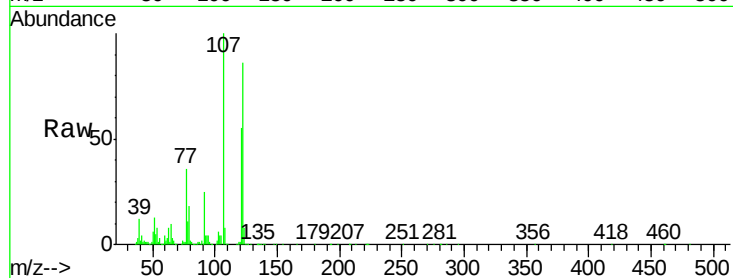




#27
 2,4-Dimethylphenol
 Concen: 47.24 ng
 RT: 10.13 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

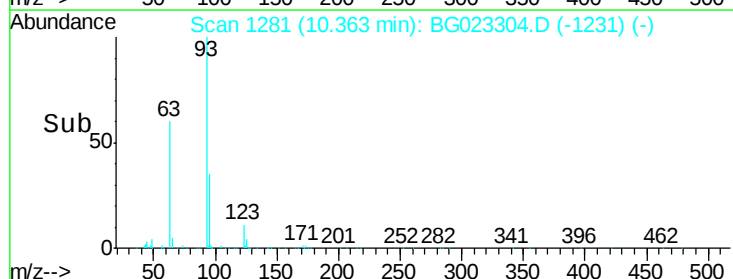
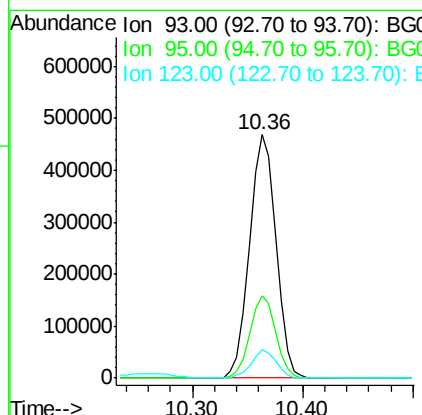
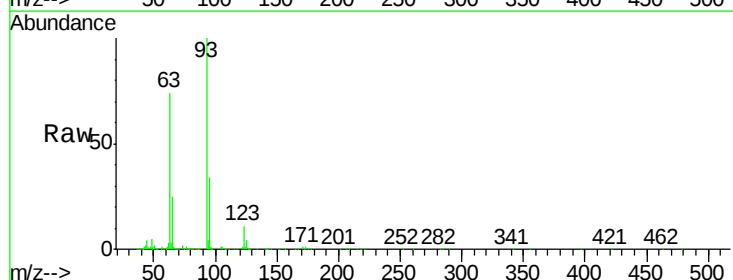
Instrument :
 BNA_G
 ClientSampleId :
 PB92411BSD

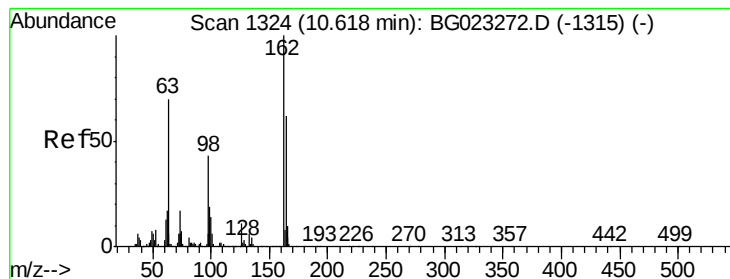
Tgt Ion:122 Resp: 568437
 Ion Ratio Lower Upper
 122 100
 107 115.9 117.0 175.4#
 121 63.4 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.78 ng
 RT: 10.36 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

Tgt Ion: 93 Resp: 788163
 Ion Ratio Lower Upper
 93 100
 95 33.7 25.4 38.2
 123 11.5 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 48.75 ng

RT: 10.62 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

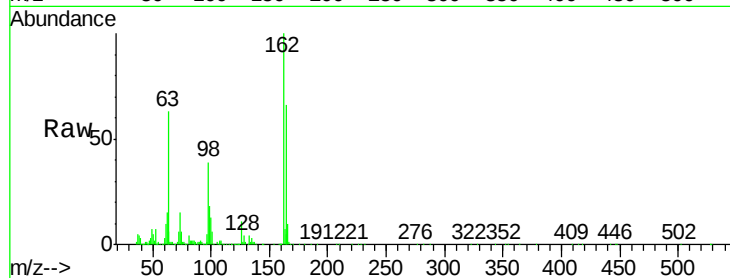
Tgt Ion:162 Resp: 567913

Ion Ratio Lower Upper

162 100

164 66.4 44.3 84.3

98 38.6 19.5 59.5

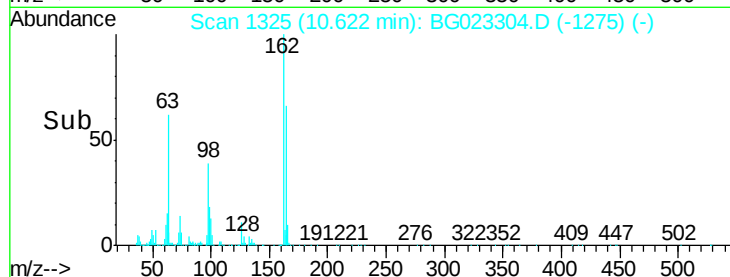


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



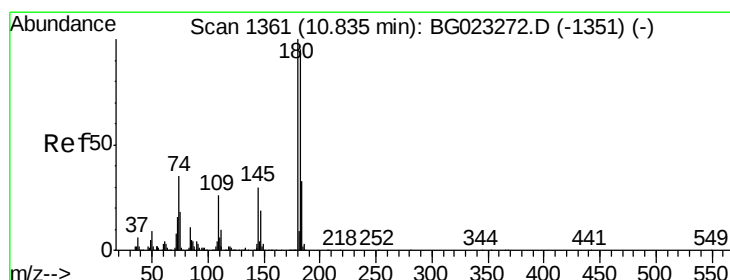
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 41.47 ng

RT: 10.83 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

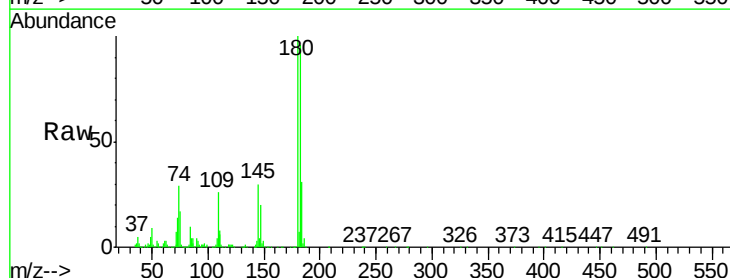
Tgt Ion:180 Resp: 533891

Ion Ratio Lower Upper

180 100

182 96.3 73.8 110.8

145 30.0 24.4 36.6

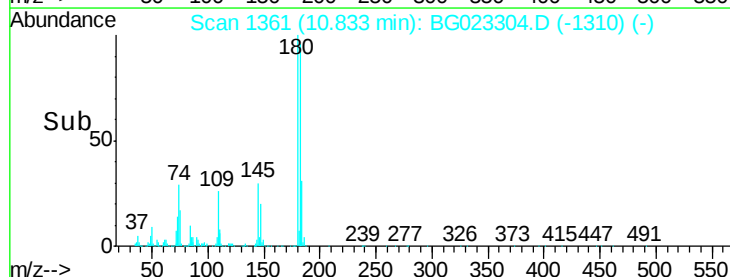


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



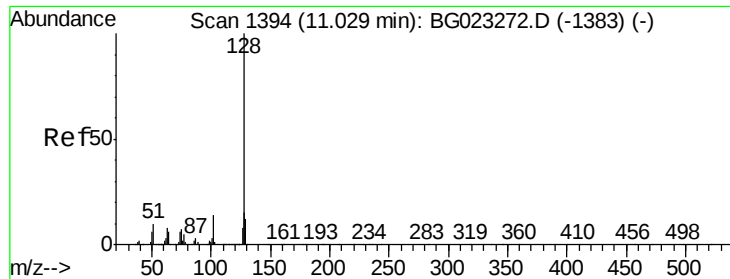
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

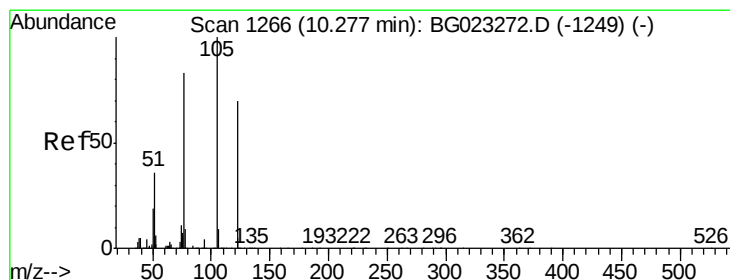
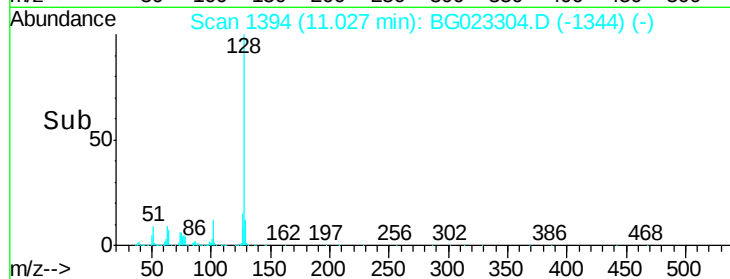
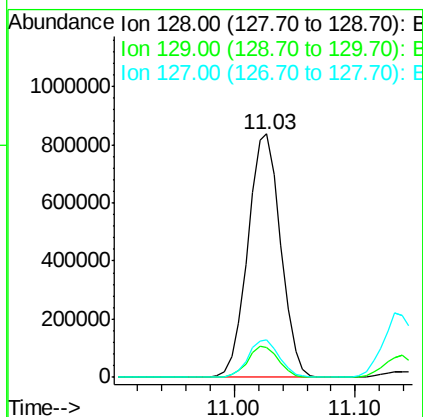
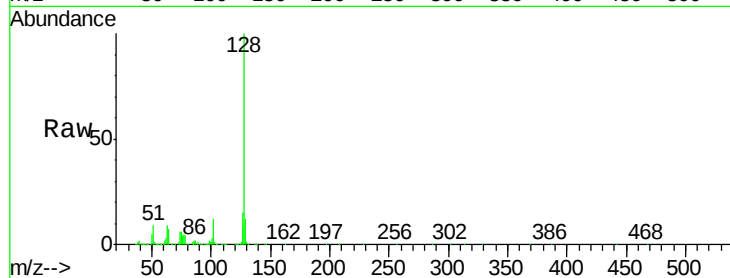
Time-->



#31
Naphthalene
Concen: 42.63 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

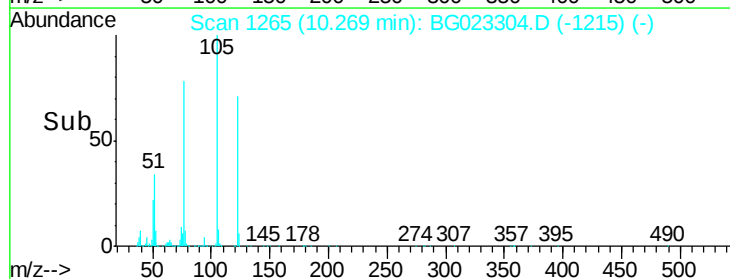
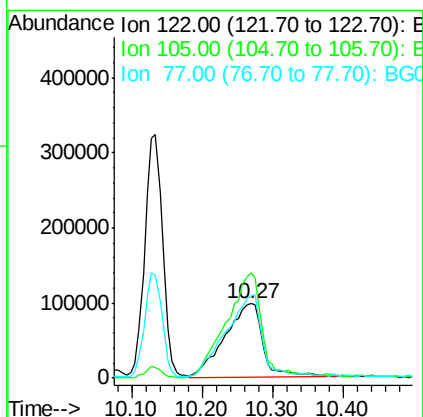
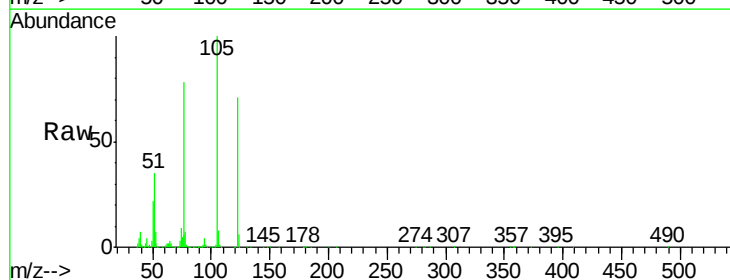
Instrument :
BNA_G
ClientSampleId :
PB92411BSD

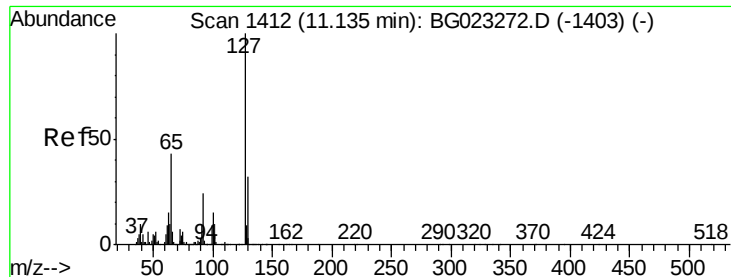
Tgt Ion:128 Resp: 1576547
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.0
127 15.5 11.3 16.9



#32
Benzoic acid
Concen: 39.20 ng
RT: 10.27 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Tgt Ion:122 Resp: 366525
Ion Ratio Lower Upper
122 100
105 141.8 117.2 157.2
77 110.9 109.2 149.2

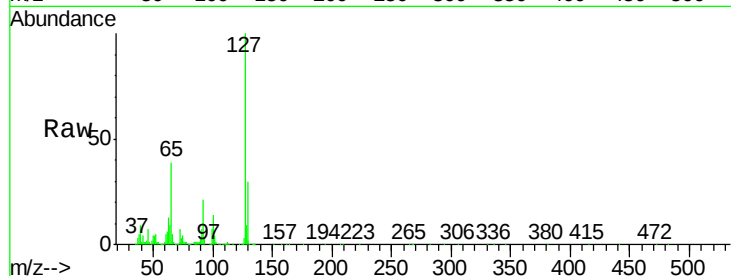




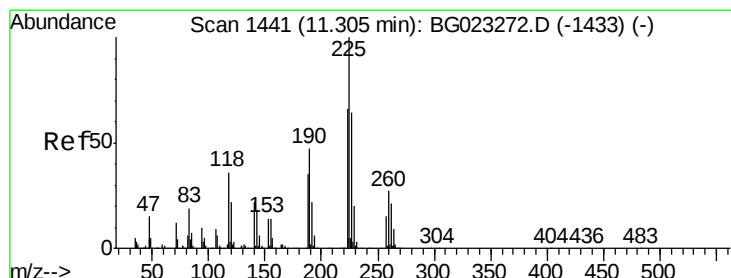
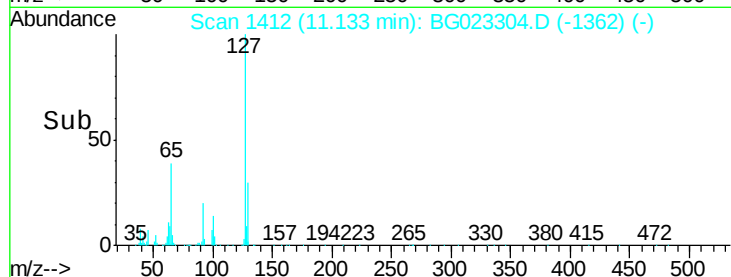
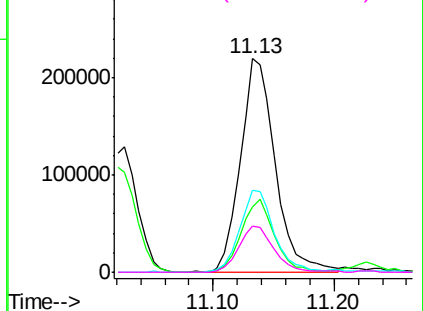
#33
4-Chloroaniline
Concen: 25.62 ng
RT: 11.13 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB92411BSD

Tgt Ion:	127	Resp:	437707
Ion	Ratio	Lower	Upper
127	100		
129	30.4	27.9	41.9
65	38.6	36.8	55.2
92	21.3	21.0	31.6

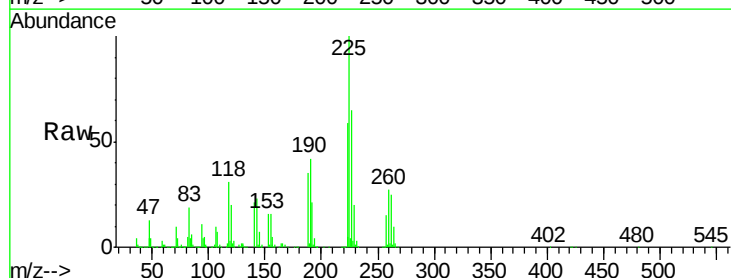


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

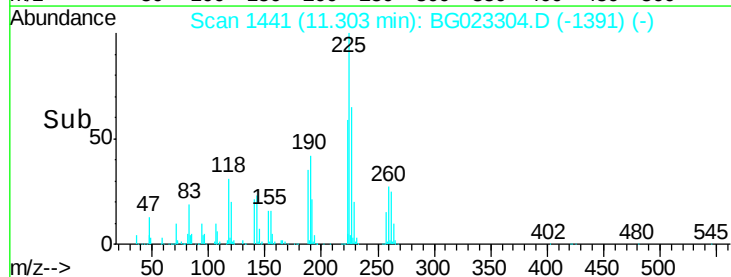
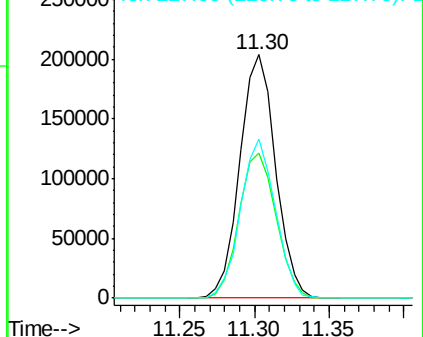


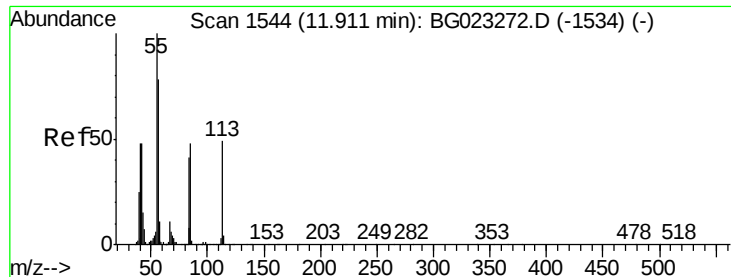
#34
Hexachlorobutadiene
Concen: 39.97 ng
RT: 11.30 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Tgt Ion:	225	Resp:	337256
Ion	Ratio	Lower	Upper
225	100		
223	59.4	49.6	74.4
227	65.2	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: 46.82 ng

RT: 11.92 min Scan# 1546

Delta R.T. 0.03 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

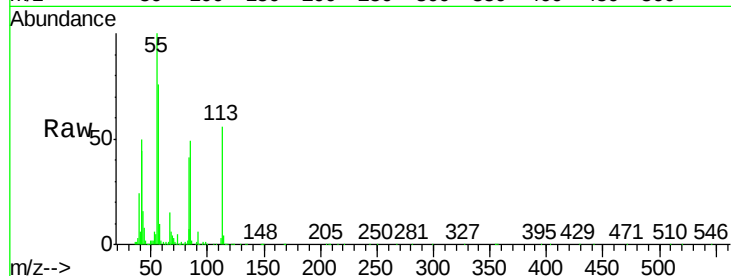
Tgt Ion:113 Resp: 231938

Ion Ratio Lower Upper

113 100

55 178.3 154.5 194.5

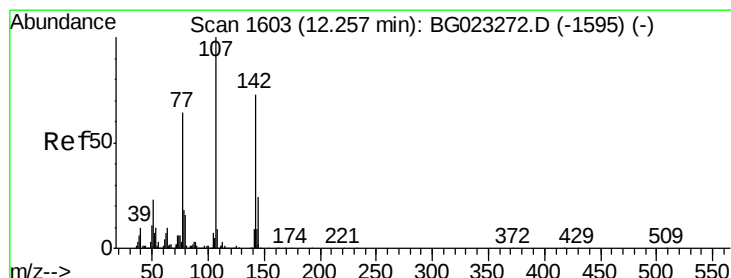
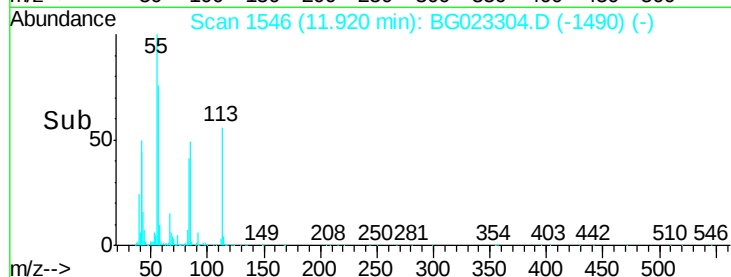
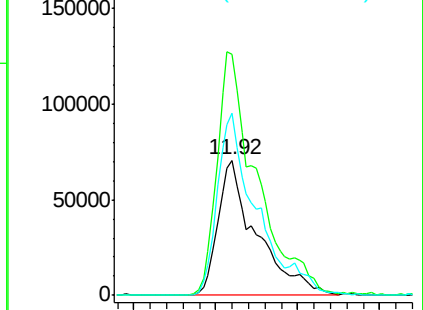
56 134.9 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.37 ng

RT: 12.26 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

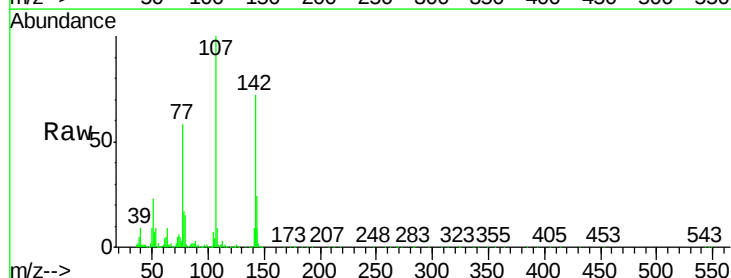
Tgt Ion:107 Resp: 694375

Ion Ratio Lower Upper

107 100

144 23.6 17.0 25.6

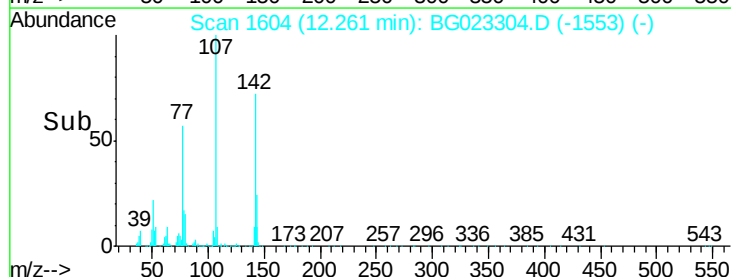
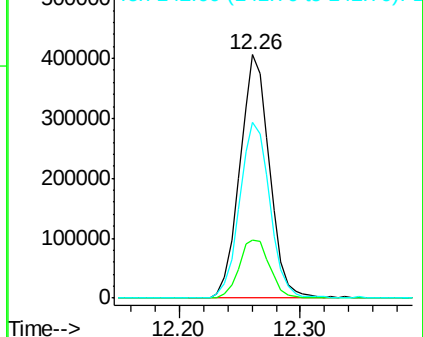
142 72.1 53.0 79.6

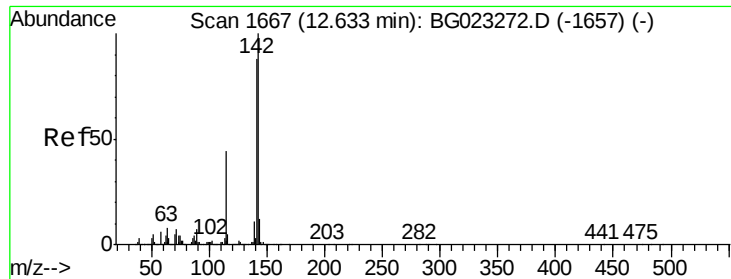


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

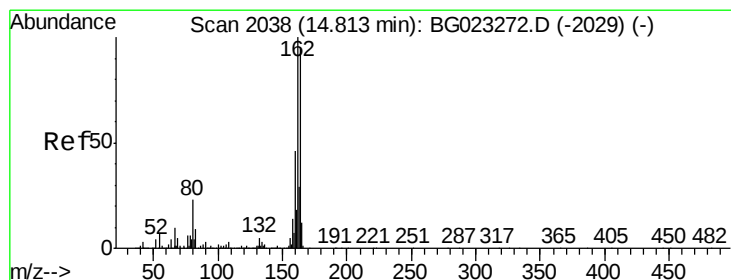
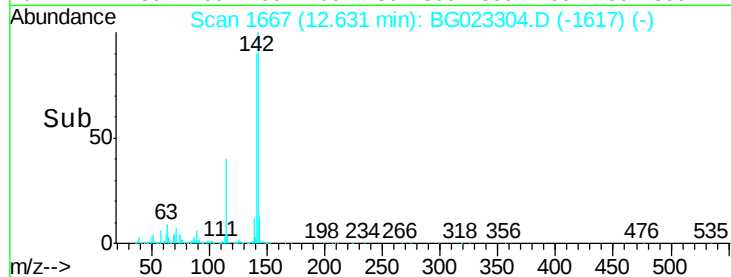
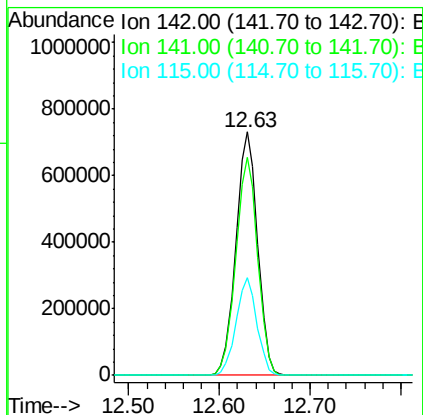
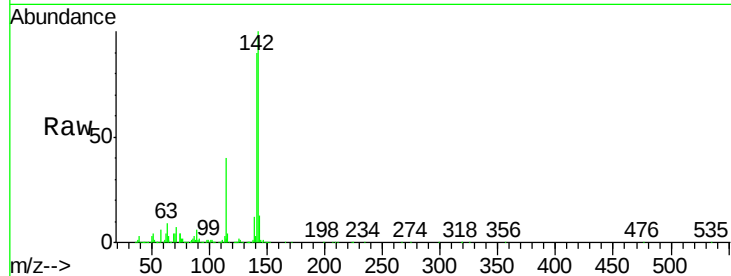




#37
2-Methylnaphthalene
Concen: 44.37 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

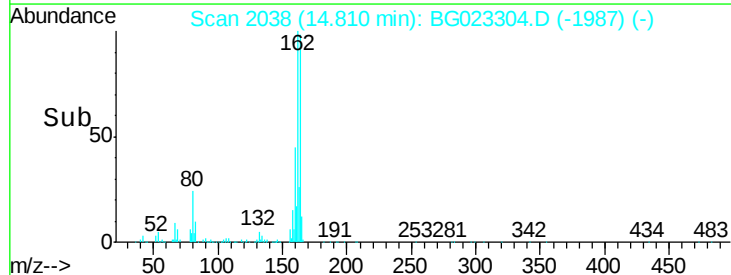
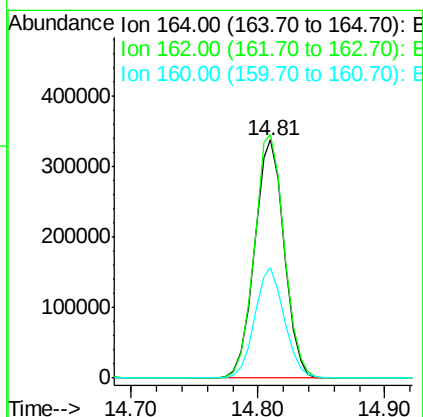
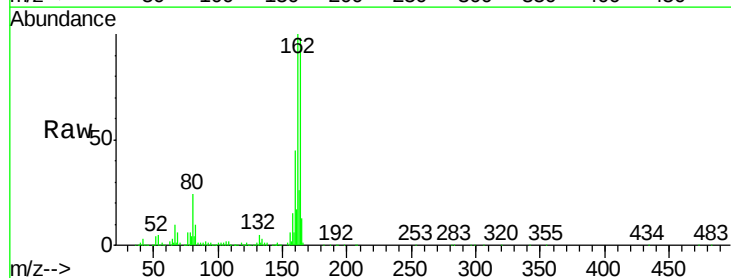
Instrument :
BNA_G
ClientSampleId :
PB92411BSD

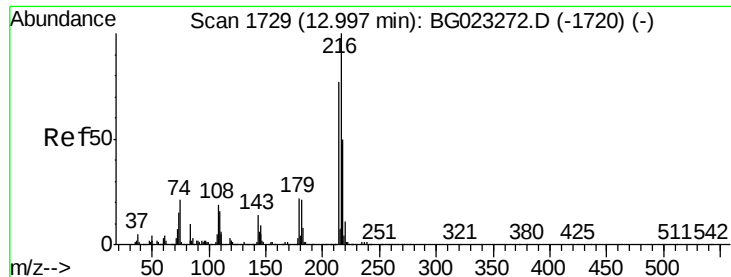
Tgt Ion:142 Resp: 1216841
Ion Ratio Lower Upper
142 100
141 89.7 70.2 105.2
115 39.9 41.7 62.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Tgt Ion:164 Resp: 548114
Ion Ratio Lower Upper
164 100
162 102.1 87.7 131.5
160 46.2 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.58 ng

RT: 12.99 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

Tgt Ion:216 Resp: 631369

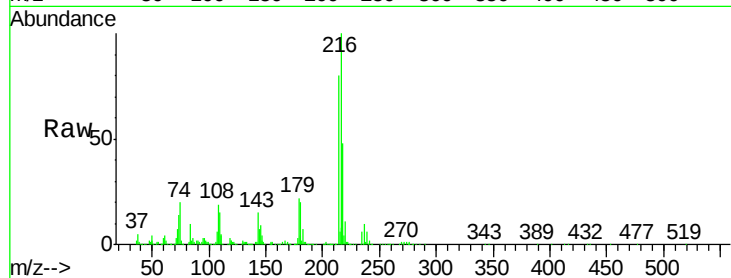
Ion Ratio Lower Upper

216 100

214 79.6 62.9 94.3

179 21.8 17.2 25.8

108 22.5 16.3 24.5

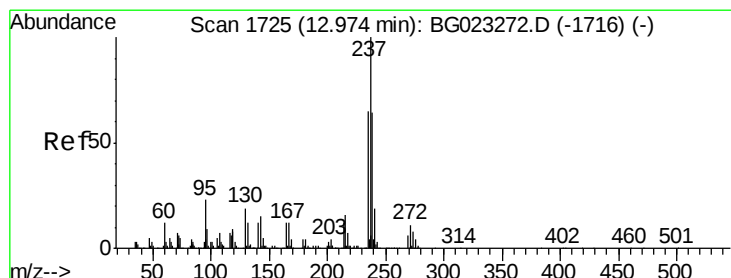
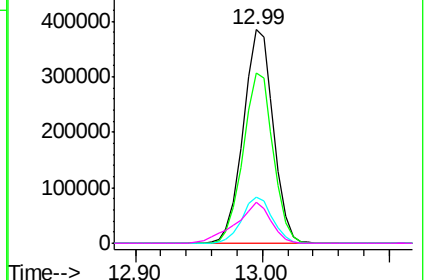
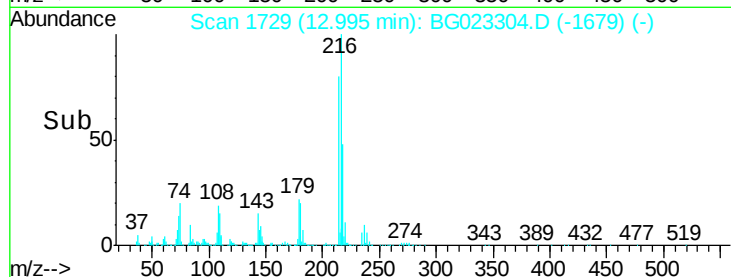


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.49 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

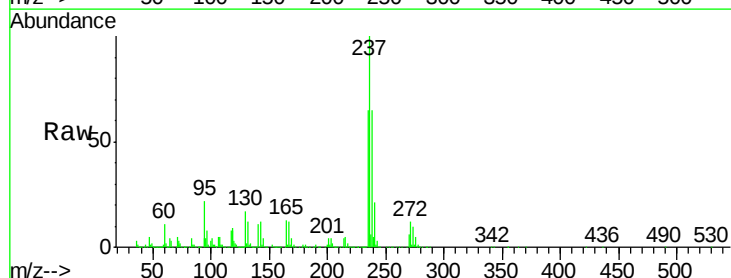
Tgt Ion:237 Resp: 828131

Ion Ratio Lower Upper

237 100

235 64.5 43.1 83.1

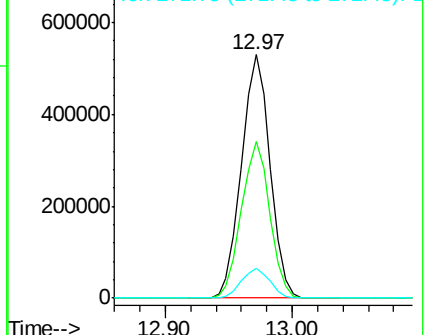
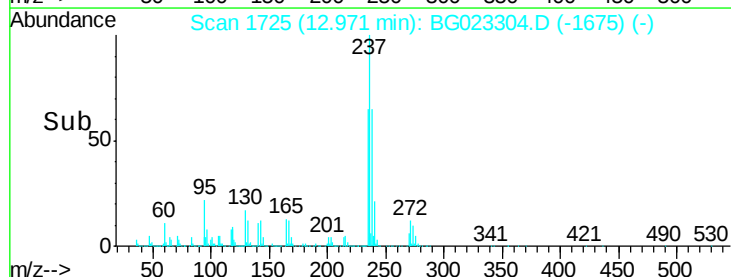
272 12.2 0.0 30.9

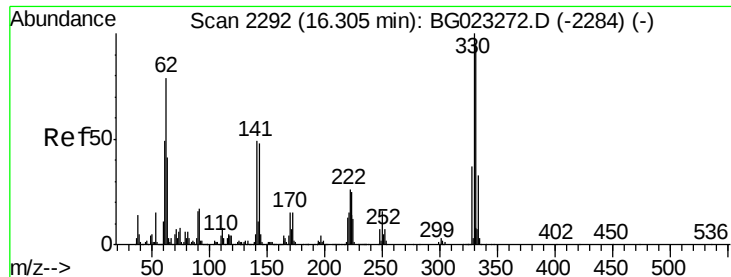


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

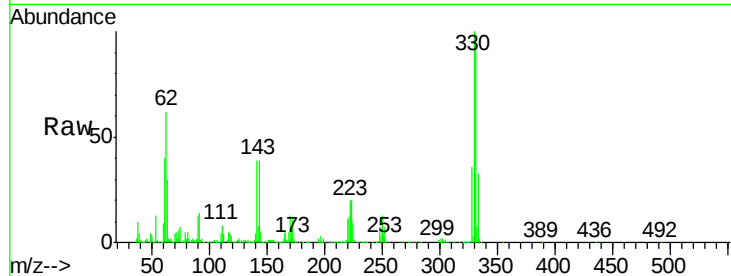




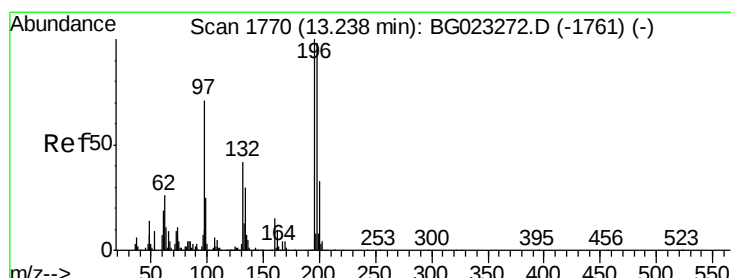
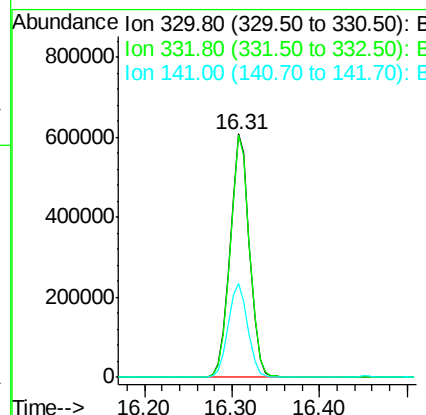
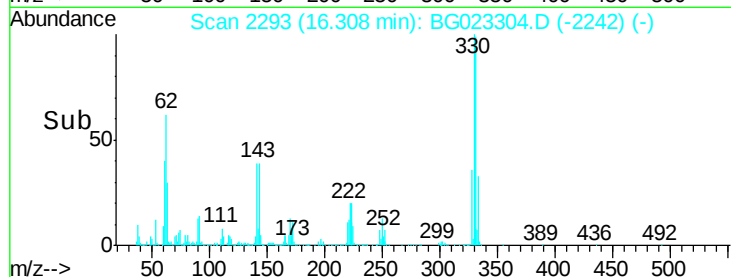
#41
 2,4,6-Tribromophenol
 Concen: 161.24 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BSD

Tgt Ion:330 Resp: 914746
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.4 116.2
 141 39.1 31.7 47.5

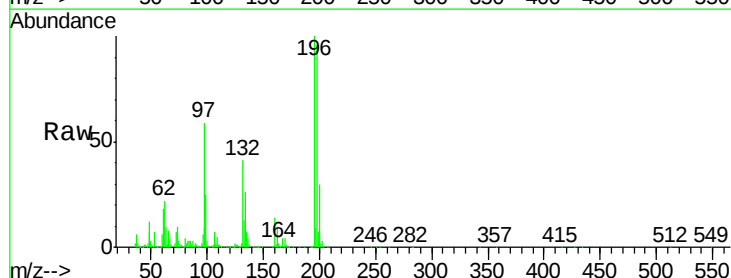


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

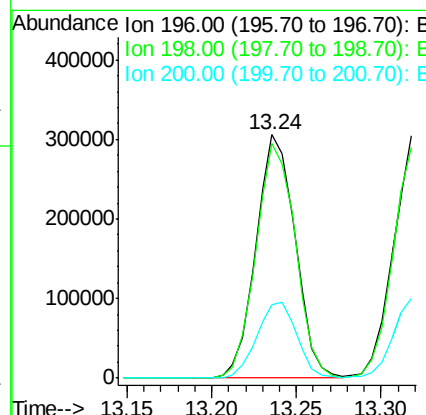
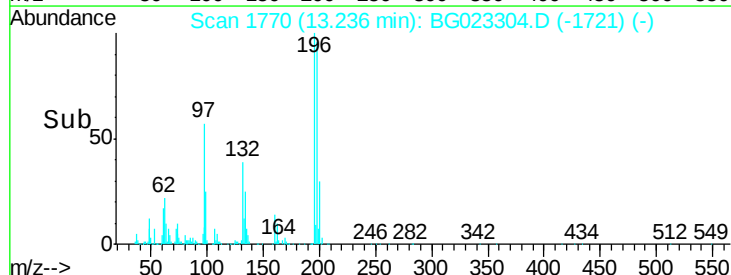


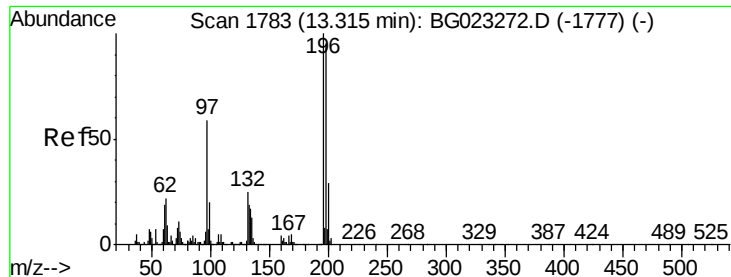
#42
 2,4,6-Trichlorophenol
 Concen: 47.37 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

Tgt Ion:196 Resp: 493722
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.2 117.2
 200 29.9 27.0 40.4



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

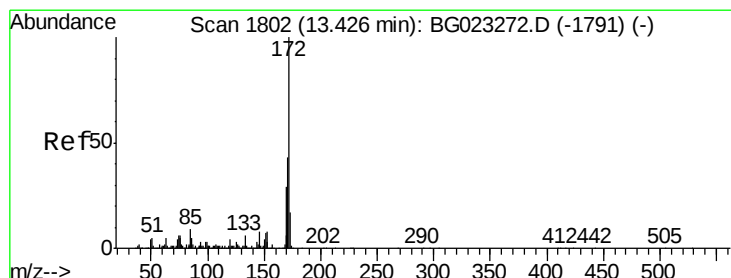
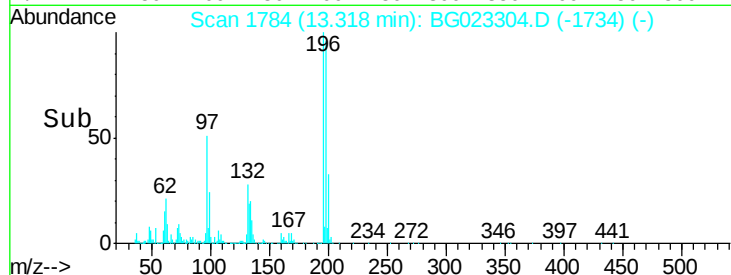
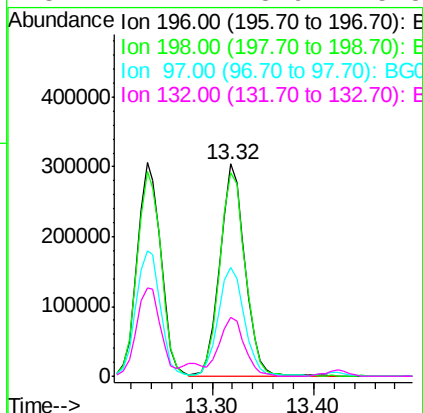
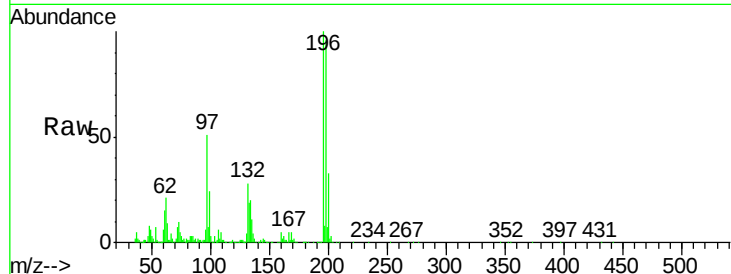




#43
 2,4,5-Trichlorophenol
 Concen: 46.89 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

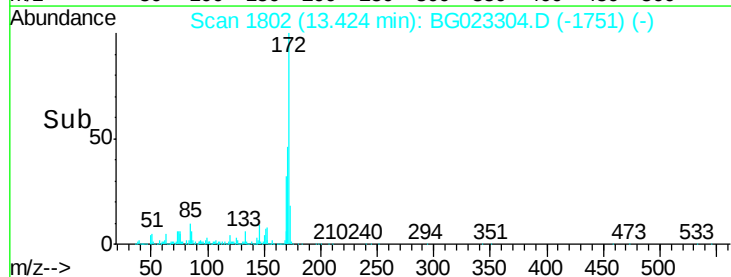
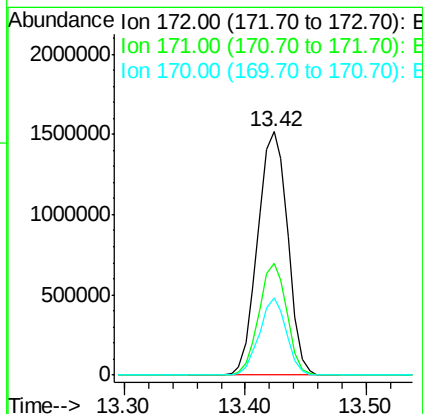
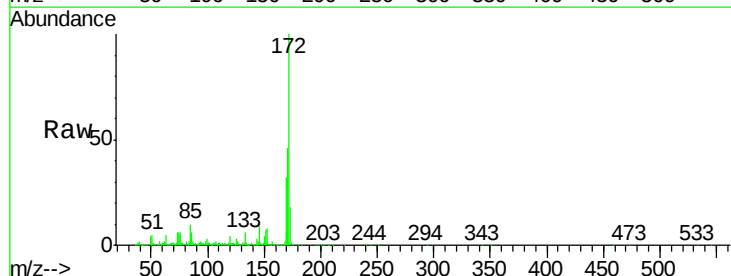
Instrument :
 BNA_G
 ClientSampleId :
 PB92411BSD

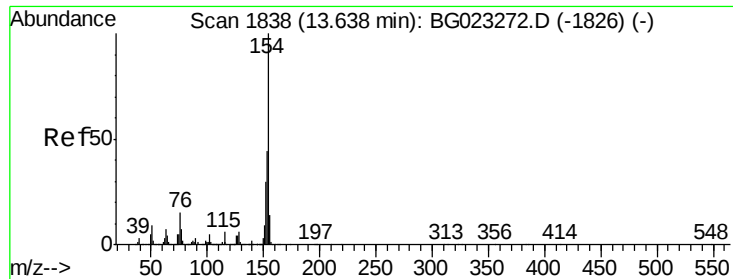
Tgt Ion:196 Resp: 518469
 Ion Ratio Lower Upper
 196 100
 198 95.6 85.7 128.5
 97 51.3 45.5 68.3
 132 27.7 18.9 28.3



#44
 2-Fluorobiphenyl
 Concen: 89.62 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

Tgt Ion:172 Resp: 2624681
 Ion Ratio Lower Upper
 172 100
 171 45.8 31.6 47.4
 170 31.7 21.3 31.9

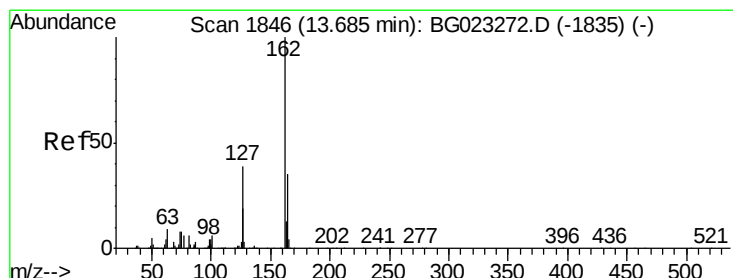
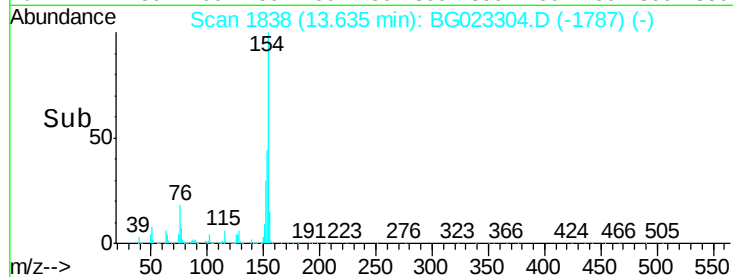
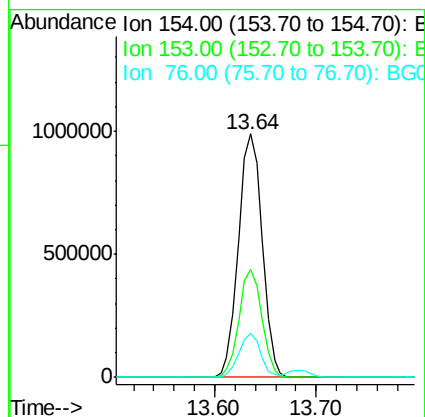
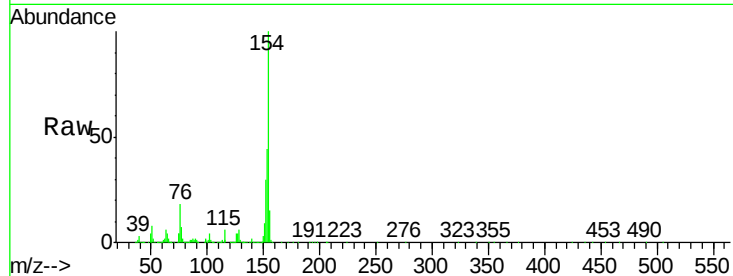




#45
 1,1'-Biphenyl
 Concen: 42.17 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

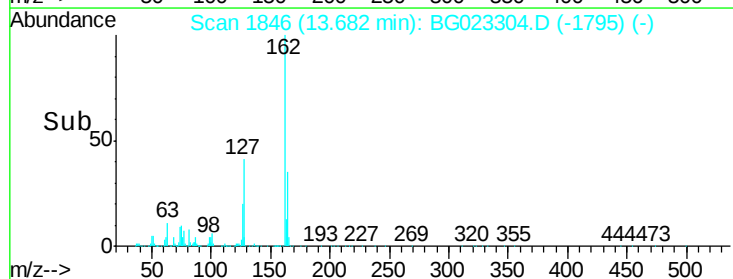
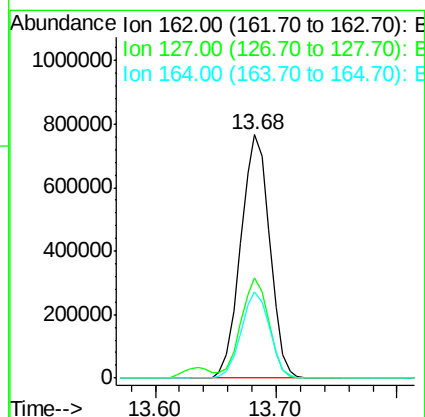
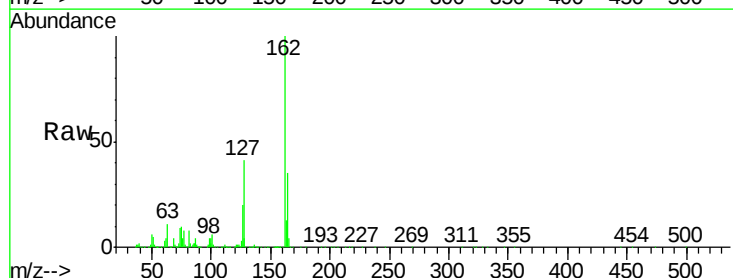
Instrument :
 BNA_G
 ClientSampleId :
 PB92411BSD

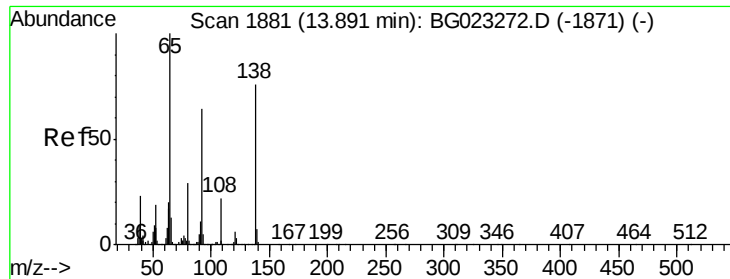
Tgt Ion:154 Resp: 1612046
 Ion Ratio Lower Upper
 154 100
 153 44.4 20.2 60.2
 76 18.0 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 41.88 ng
 RT: 13.68 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

Tgt Ion:162 Resp: 1282733
 Ion Ratio Lower Upper
 162 100
 127 41.4 32.4 48.6
 164 35.2 25.2 37.8





#47

2-Nitroaniline

Concen: 42.45 ng

RT: 13.89 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

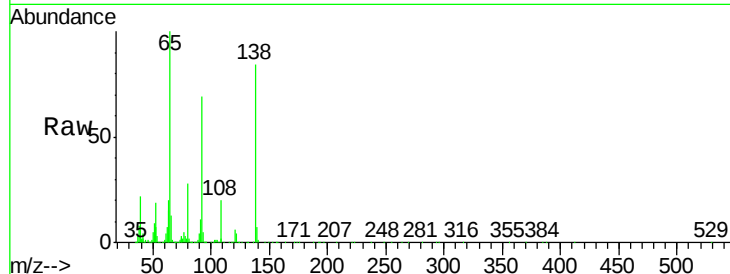
Tgt Ion: 65 Resp: 550018

Ion Ratio Lower Upper

65 100

92 68.6 49.4 74.0

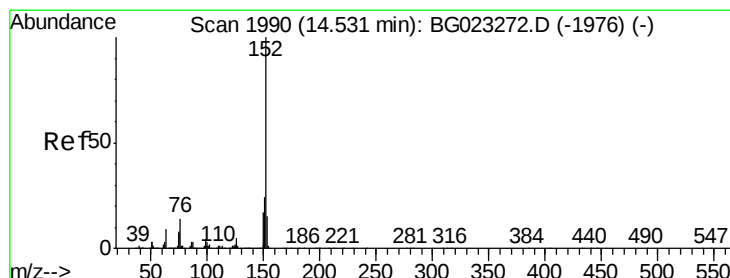
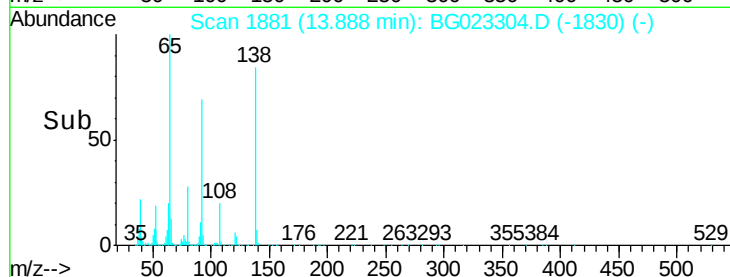
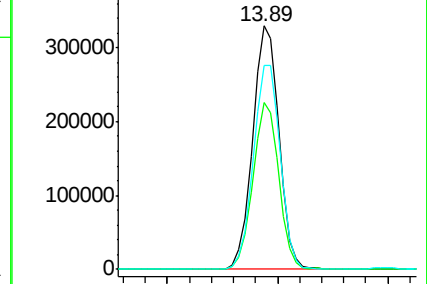
138 83.7 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 43.23 ng

RT: 14.53 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

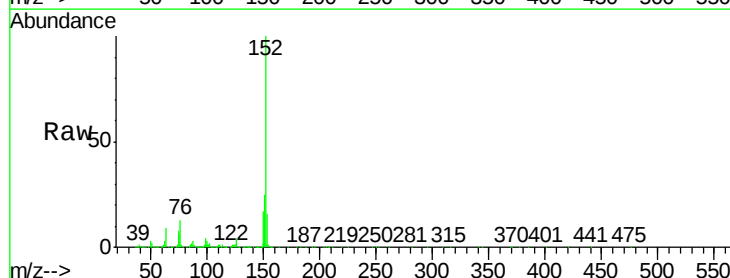
Tgt Ion: 152 Resp: 2027466

Ion Ratio Lower Upper

152 100

151 25.4 17.6 26.4

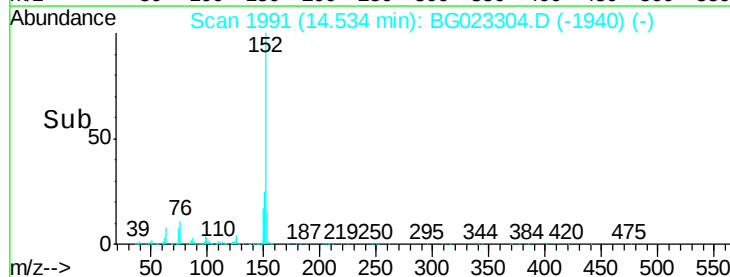
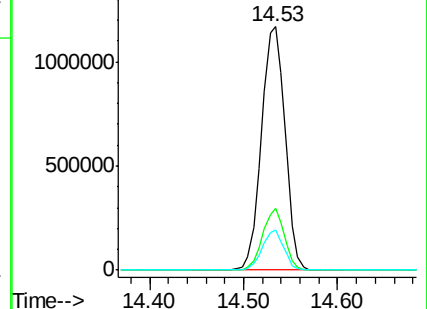
153 16.2 11.4 17.2

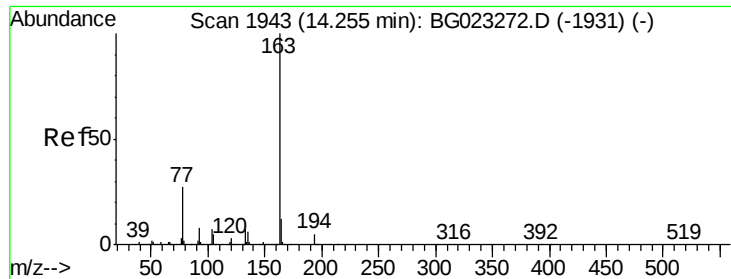


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 41.26 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

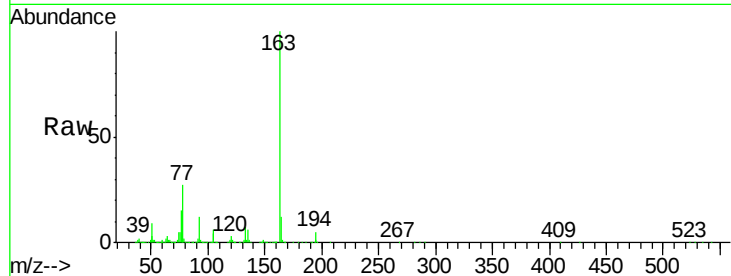
Tgt Ion:163 Resp: 1668889

Ion Ratio Lower Upper

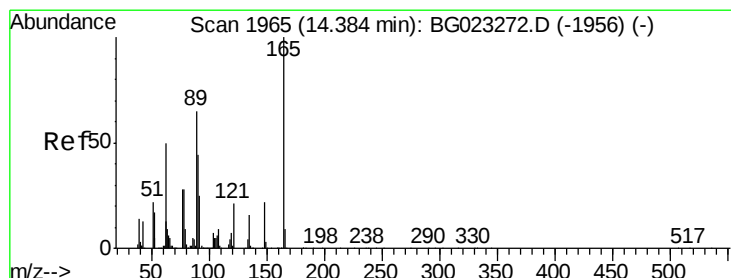
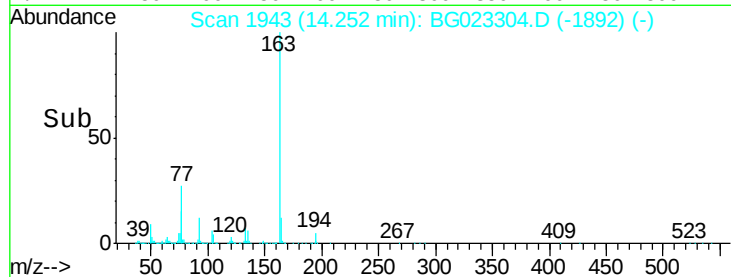
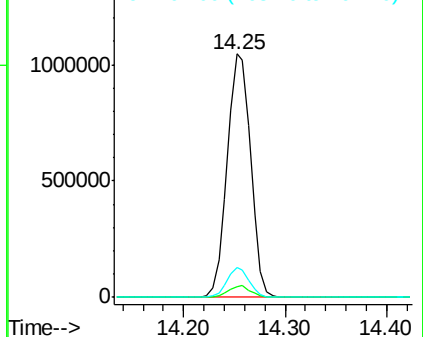
163 100

194 4.6 3.6 5.4

164 12.4 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: 43.33 ng

RT: 14.38 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

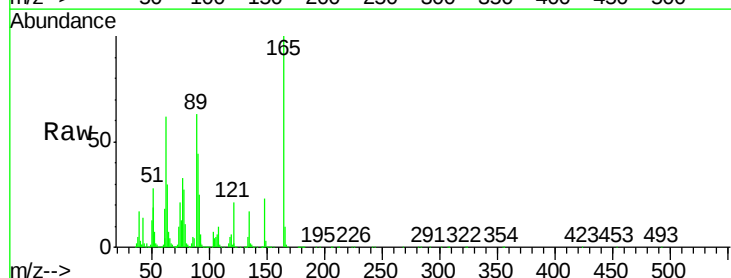
Tgt Ion:165 Resp: 410437

Ion Ratio Lower Upper

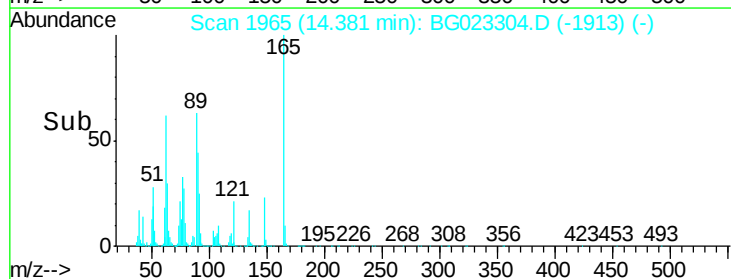
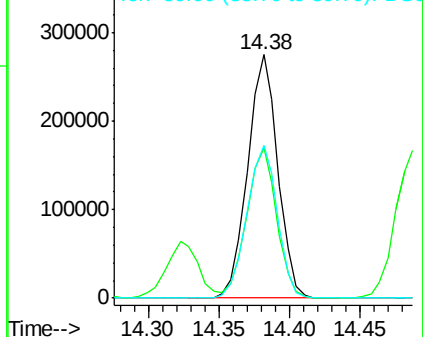
165 100

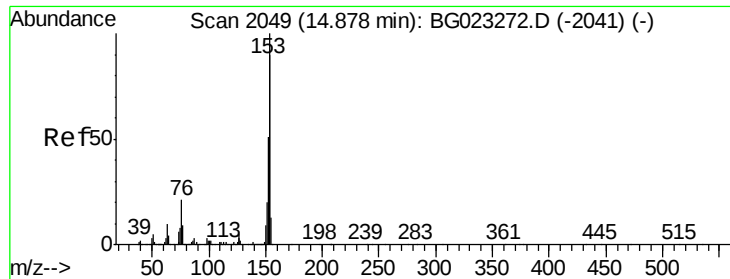
63 61.7 64.3 96.5#

89 62.8 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: 42.66 ng

RT: 14.87 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

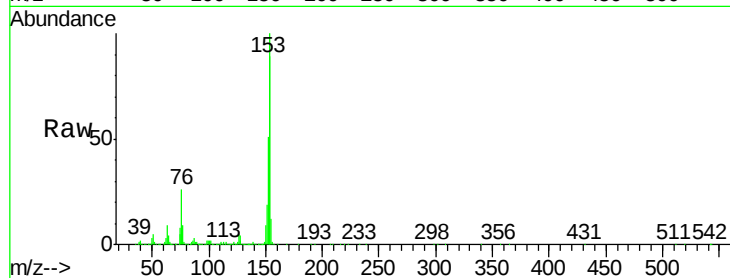
Tgt Ion:154 Resp: 1297809

Ion Ratio Lower Upper

154 100

153 112.5 87.5 131.3

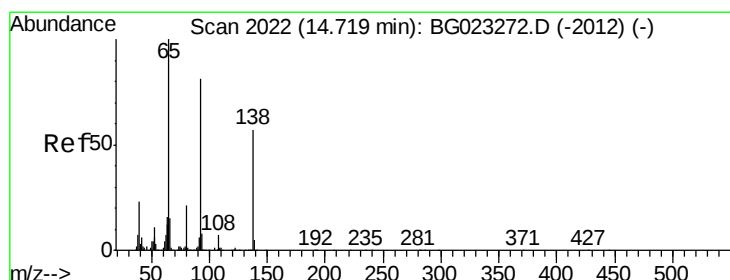
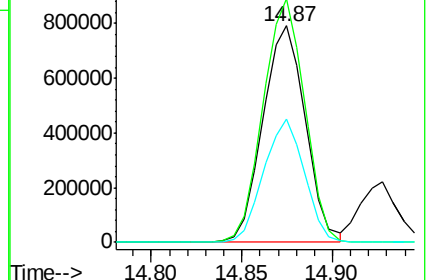
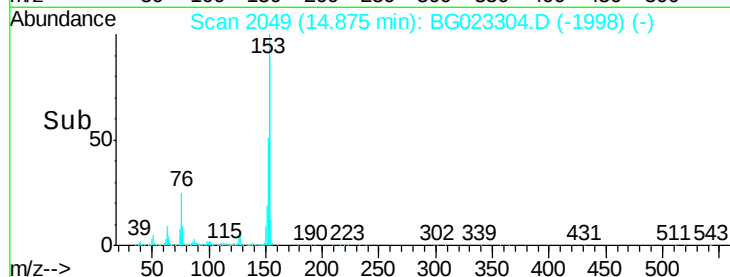
152 57.1 42.7 64.1



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: 40.38 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

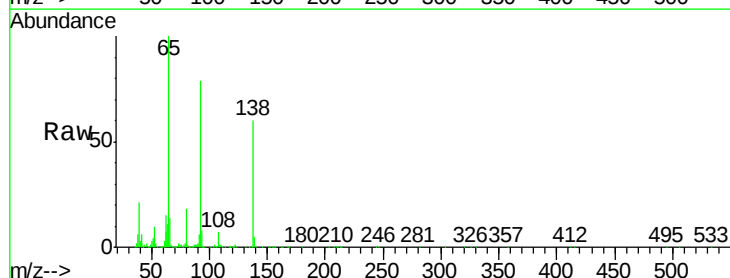
Tgt Ion:138 Resp: 385248

Ion Ratio Lower Upper

138 100

108 12.4 11.7 17.5

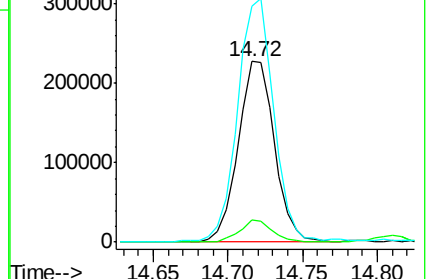
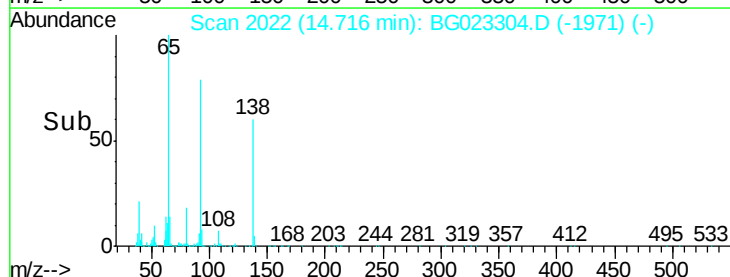
92 131.0 129.7 194.5

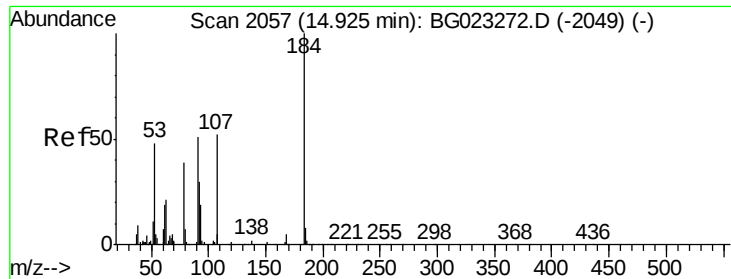


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

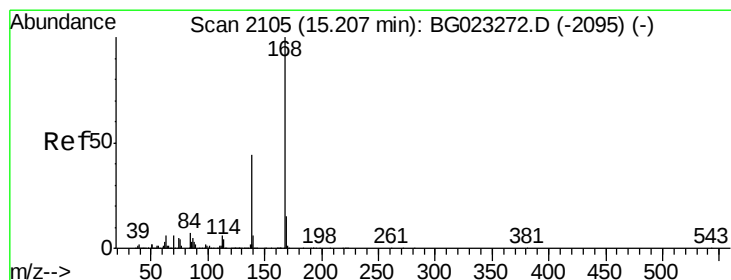
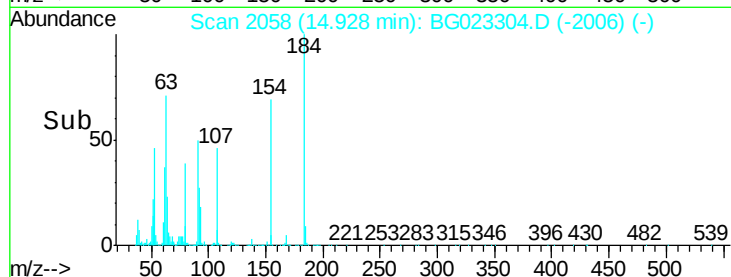
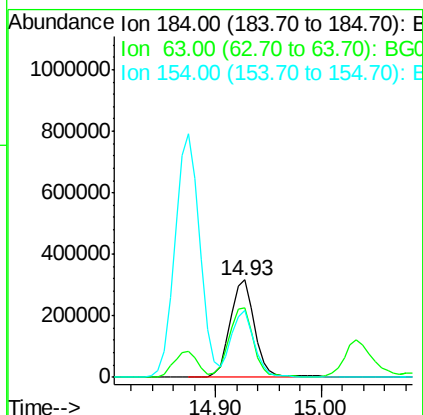
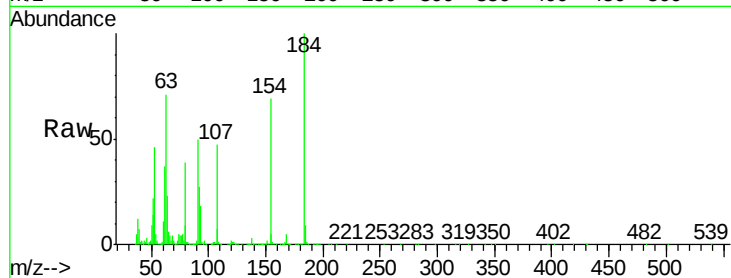




#53
2,4-Dinitrophenol
Concen: 91.65 ng
RT: 14.93 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

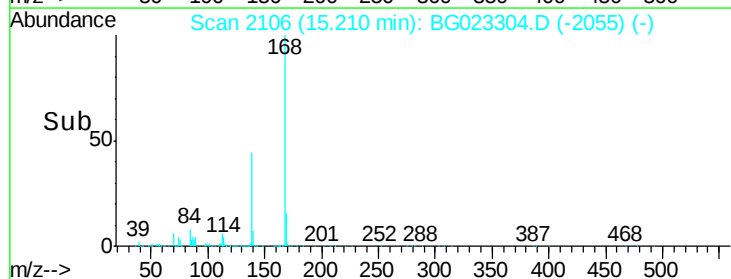
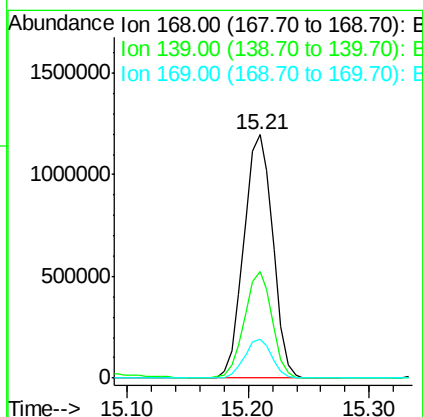
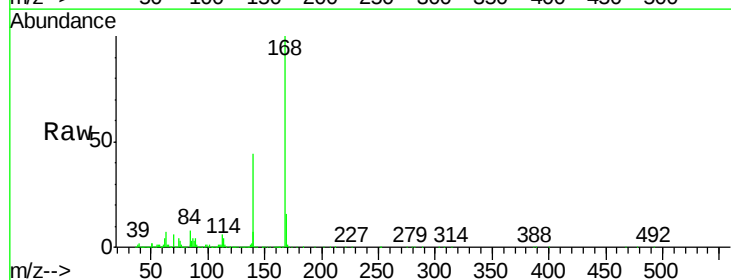
Instrument :
BNA_G
ClientSampleId :
PB92411BSD

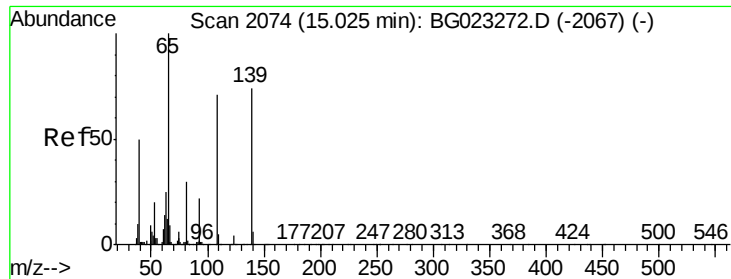
Tgt Ion:184 Resp: 508275
Ion Ratio Lower Upper
184 100
63 71.2 59.6 89.4
154 69.4 67.4 101.0



#54
Dibenzofuran
Concen: 46.50 ng
RT: 15.21 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Tgt Ion:168 Resp: 2001605
Ion Ratio Lower Upper
168 100
139 43.6 36.4 54.6
169 16.0 11.9 17.9

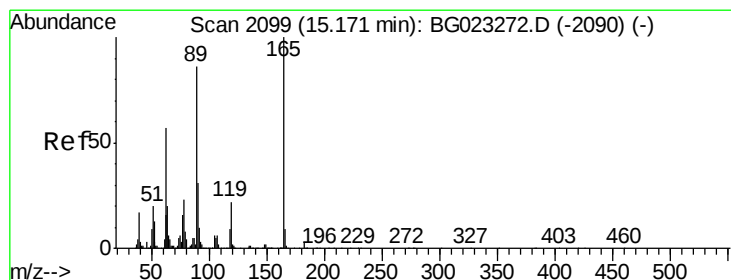
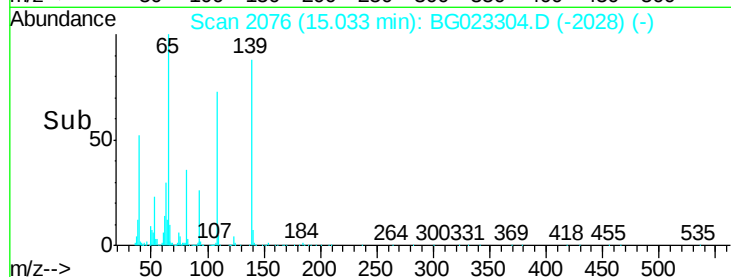
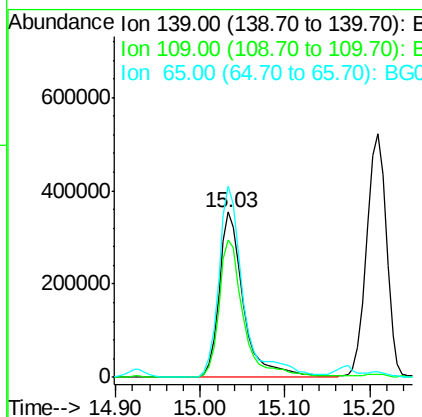
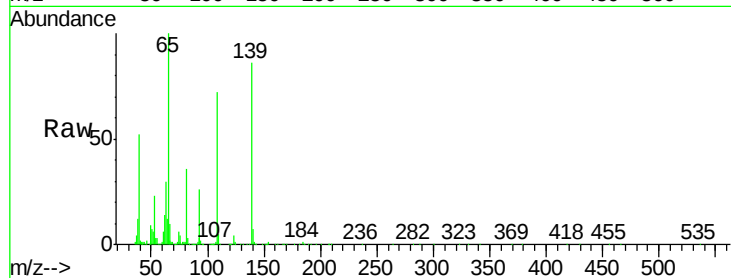




#55
4-Nitrophenol
Concen: 86.48 ng
RT: 15.03 min Scan# 2076
Delta R.T. -0.02 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

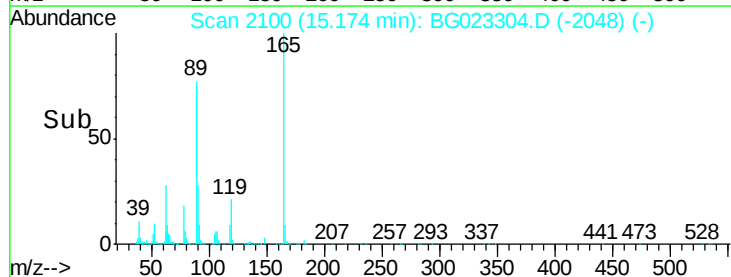
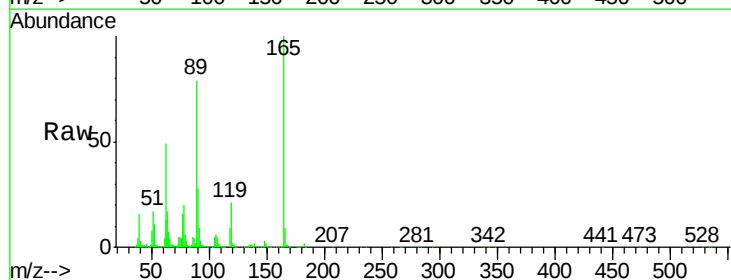
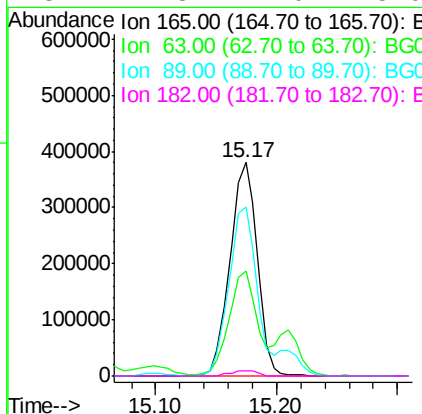
Instrument :
BNA_G
ClientSampleId :
PB92411BSD

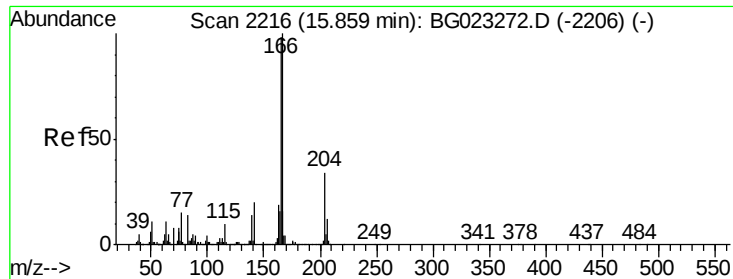
Tgt Ion:139 Resp: 715654
Ion Ratio Lower Upper
139 100
109 83.2 103.0 143.0#
65 115.8 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 44.70 ng
RT: 15.17 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Tgt Ion:165 Resp: 596182
Ion Ratio Lower Upper
165 100
63 49.1 45.8 68.6
89 79.2 68.6 102.8
182 2.3 2.0 3.0





#57

Fluorene

Concen: 43.34 ng

RT: 15.86 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

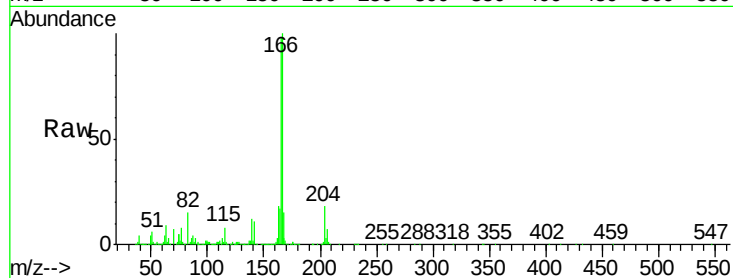
Tgt Ion:166 Resp: 1647304

Ion Ratio Lower Upper

166 100

165 98.1 81.0 121.6

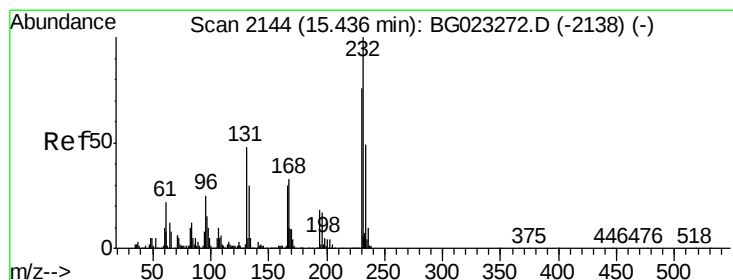
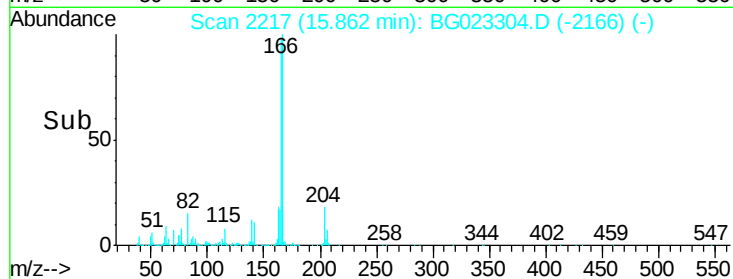
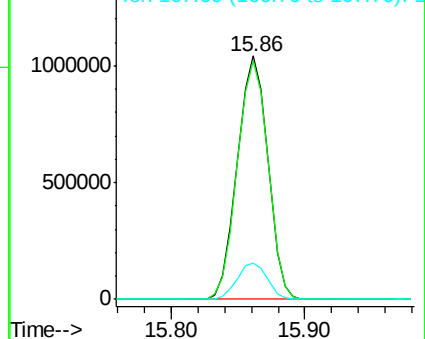
167 15.0 12.0 18.0



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: 53.33 ng

RT: 15.44 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Tgt Ion:232 Resp: 499152

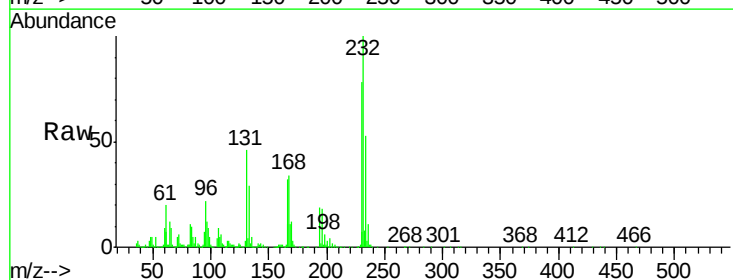
Ion Ratio Lower Upper

232 100

131 46.3 32.7 49.1

130 2.7 2.6 3.8

166 32.2 23.0 34.6

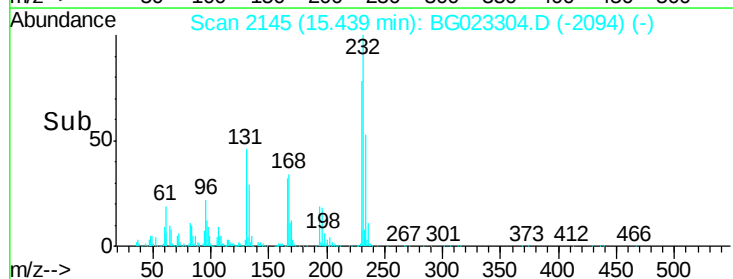
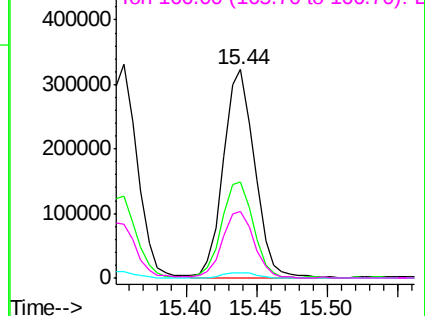


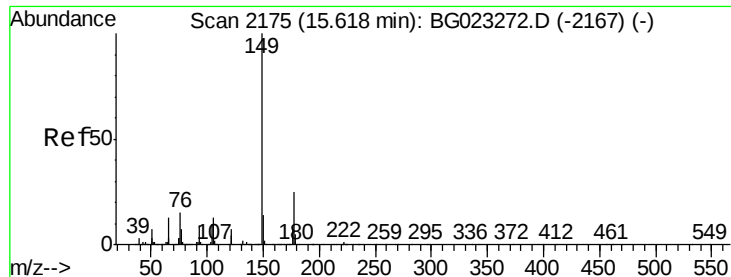
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.47 ng

RT: 15.61 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

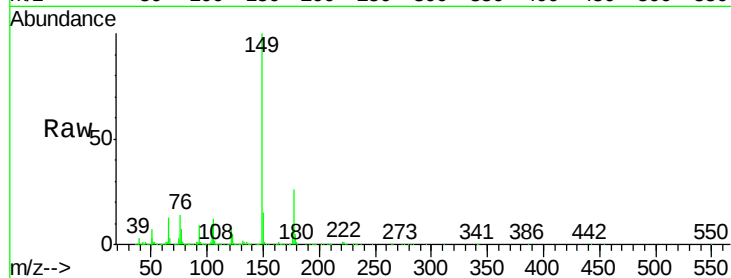
Tgt Ion:149 Resp: 1718324

Ion Ratio Lower Upper

149 100

177 26.4 19.2 28.8

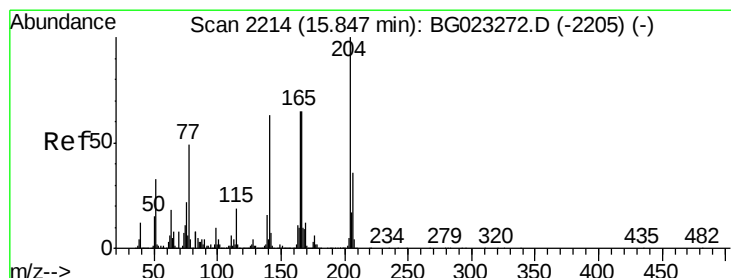
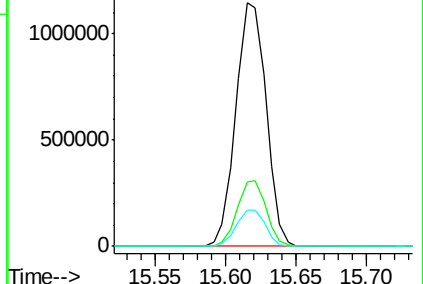
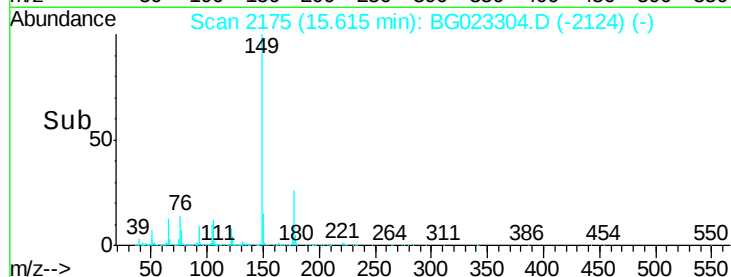
150 15.1 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.21 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

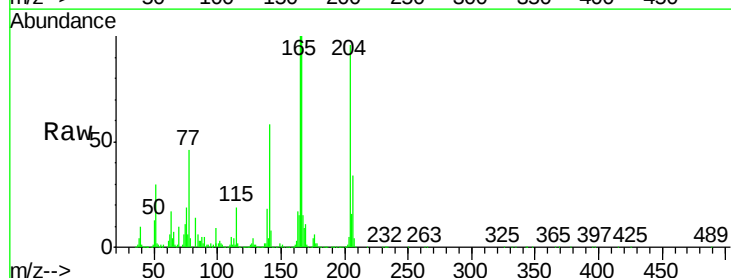
Tgt Ion:204 Resp: 868434

Ion Ratio Lower Upper

204 100

206 35.4 28.5 42.7

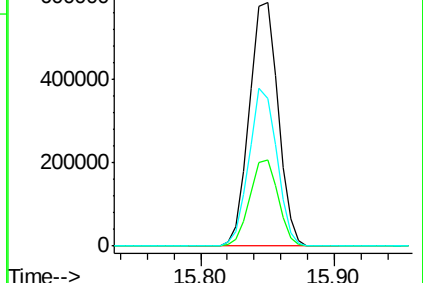
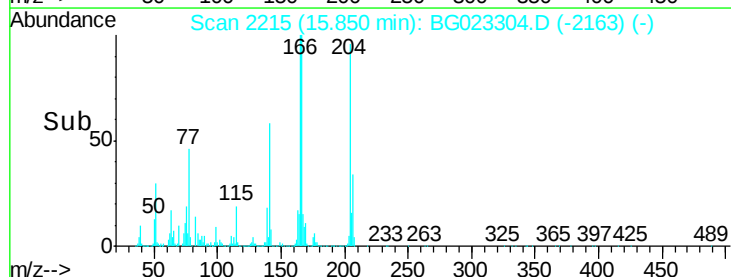
141 60.5 51.4 77.0

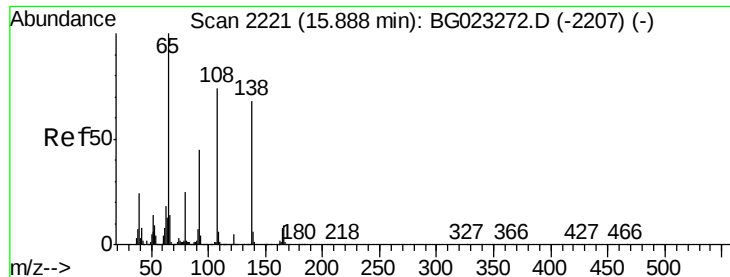


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.08 ng

RT: 15.89 min Scan# 2222

Delta R.T. 0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

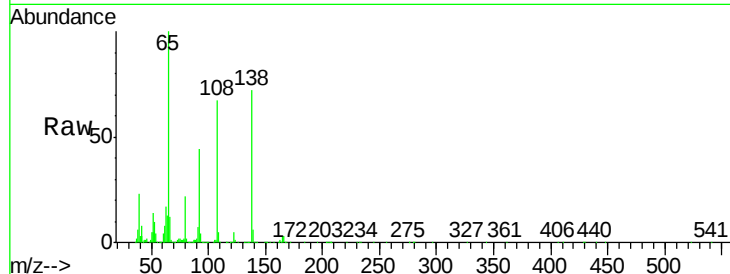
Tgt Ion:138 Resp: 460927

Ion Ratio Lower Upper

138 100

92 61.1 54.1 94.1

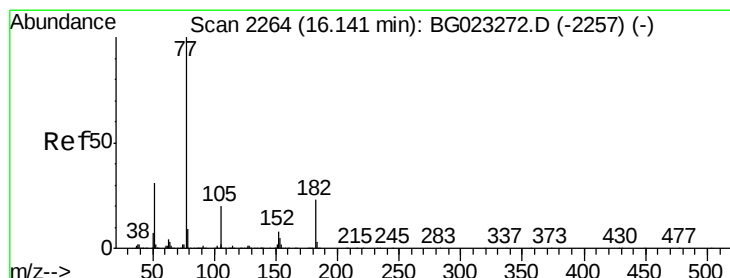
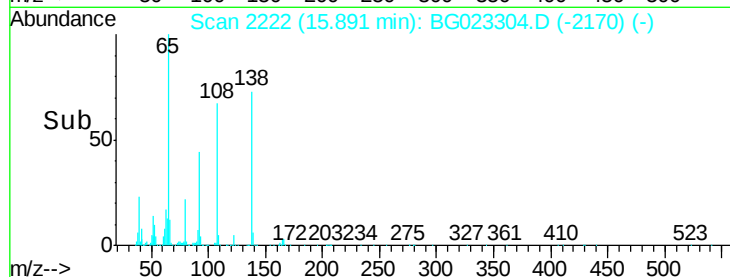
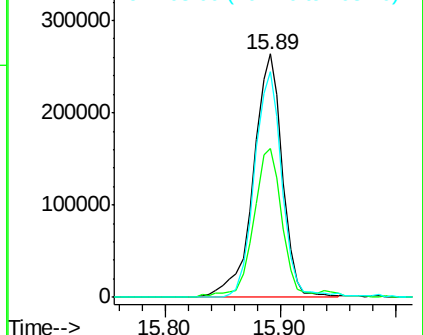
108 92.6 133.9 173.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.70 ng

RT: 16.14 min Scan# 2265

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Tgt Ion: 77 Resp: 1920118

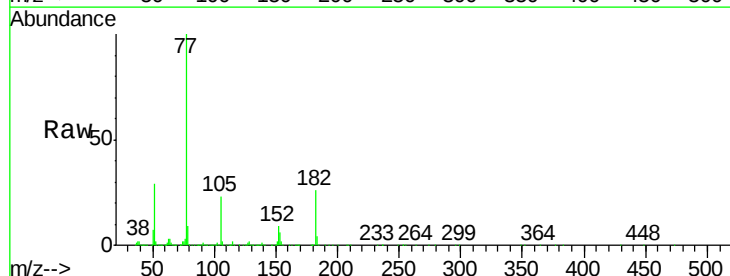
Ion Ratio Lower Upper

77 100

182 25.7 3.5 43.5

105 22.5 0.0 38.5

51 28.5 17.1 57.1

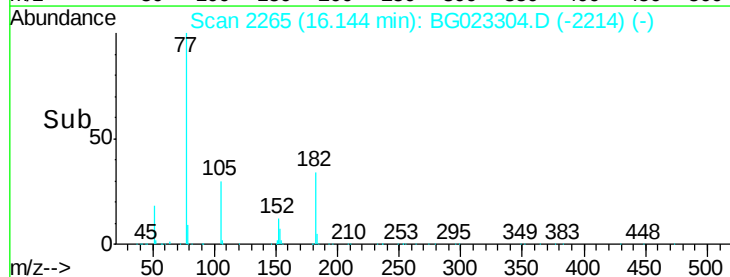
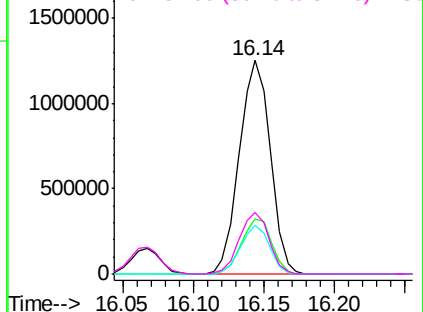


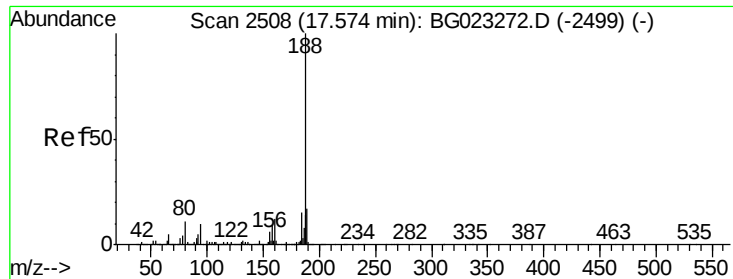
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

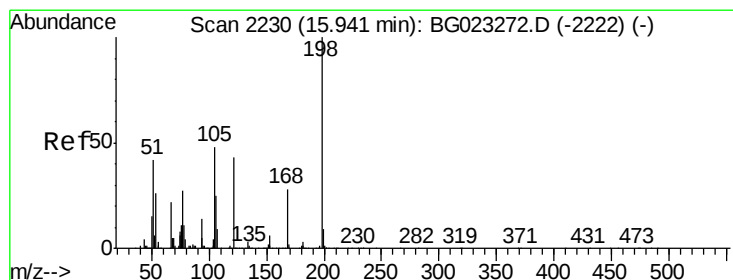
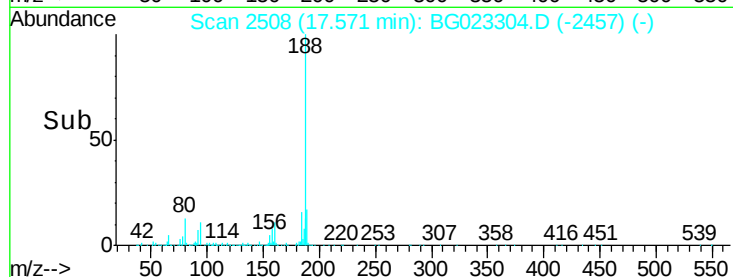
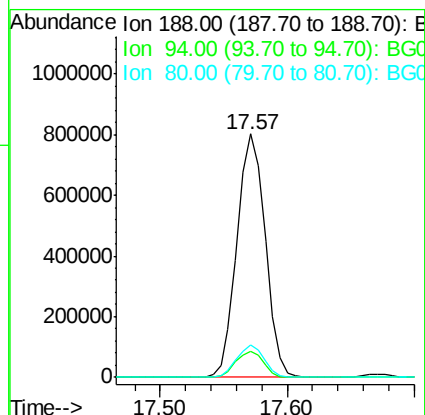
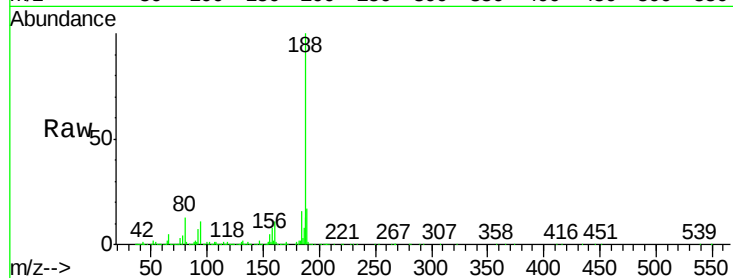




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

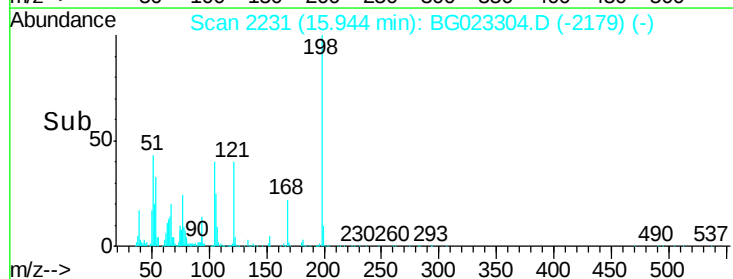
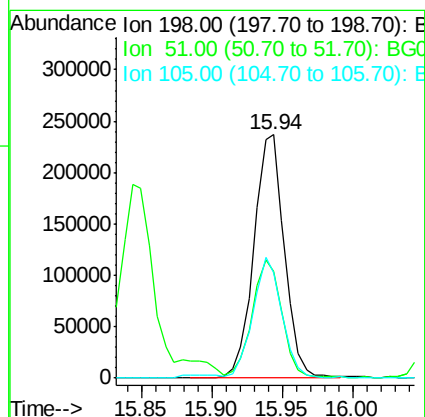
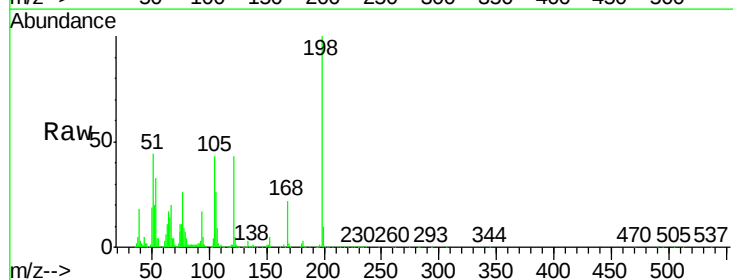
Instrument :
BNA_G
ClientSampleId :
PB92411BSD

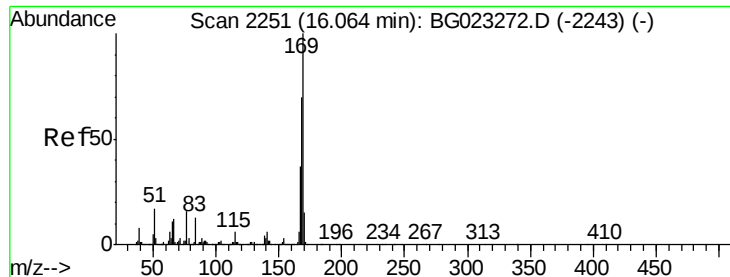
Tgt Ion:188 Resp: 1235390
Ion Ratio Lower Upper
188 100
94 10.9 5.2 7.8#
80 13.3 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 45.39 ng
RT: 15.94 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Tgt Ion:198 Resp: 360126
Ion Ratio Lower Upper
198 100
51 43.6 26.0 66.0
105 43.3 20.1 60.1

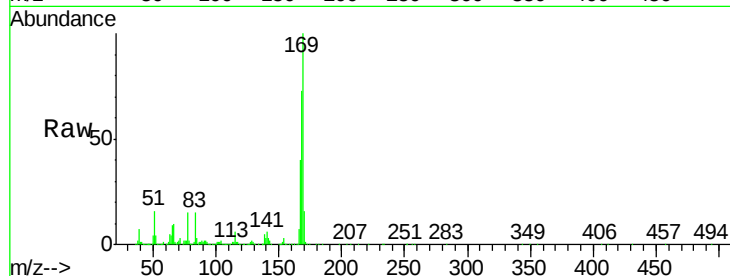




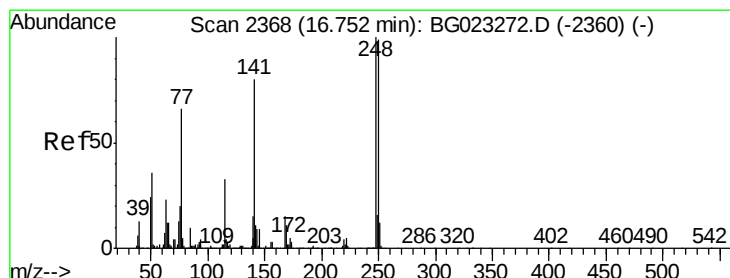
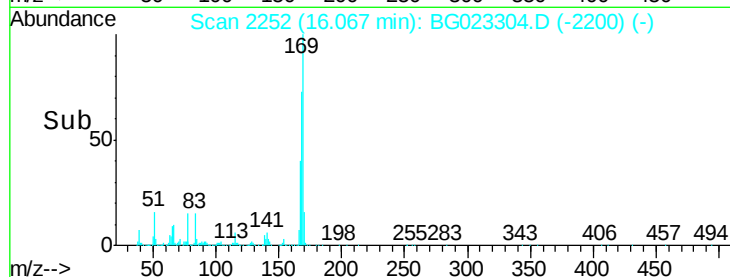
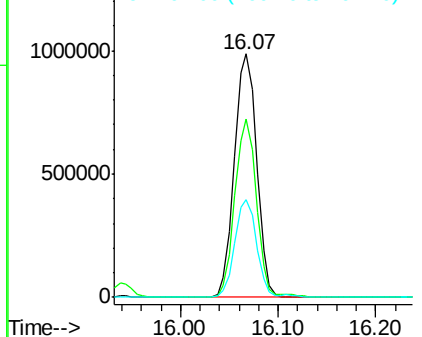
#65
 n-Nitrosodiphenylamine
 Concen: 47.51 ng
 RT: 16.07 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BSD

Tgt Ion:169 Resp: 1567020
 Ion Ratio Lower Upper
 169 100
 168 73.4 55.0 82.4
 167 40.2 27.4 41.0

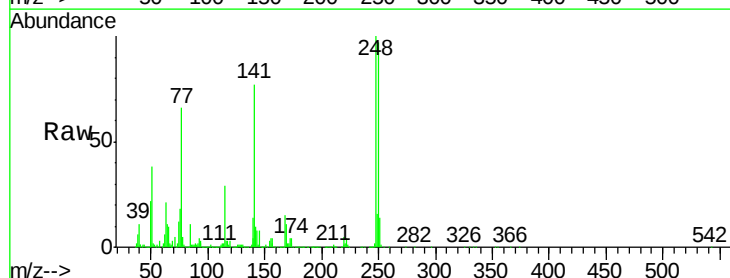


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

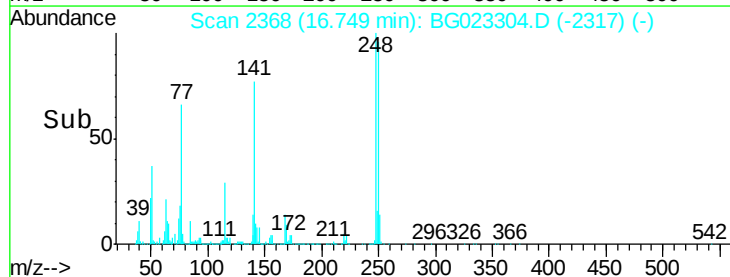
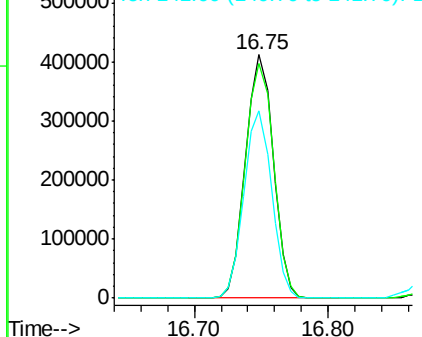


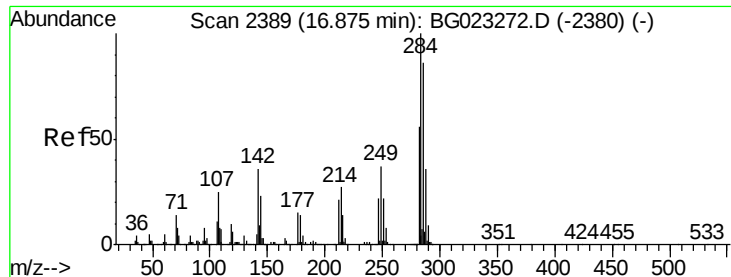
#66
 4-Bromophenyl-phenylether
 Concen: 47.52 ng
 RT: 16.75 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

Tgt Ion:248 Resp: 593545
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.8 116.8
 141 77.0 65.7 98.5



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.40 ng

RT: 16.87 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

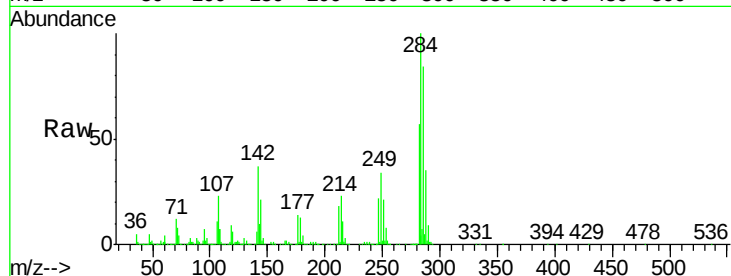
Instrument :

BNA_G

ClientSampleId :

PB92411BSD

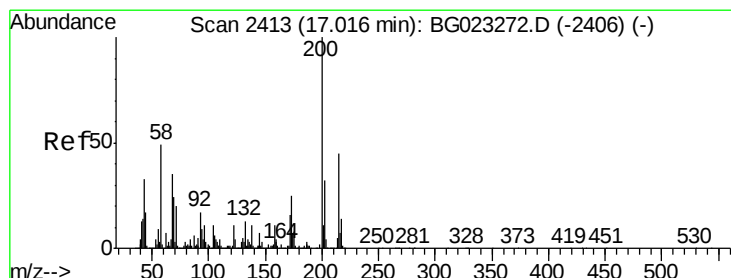
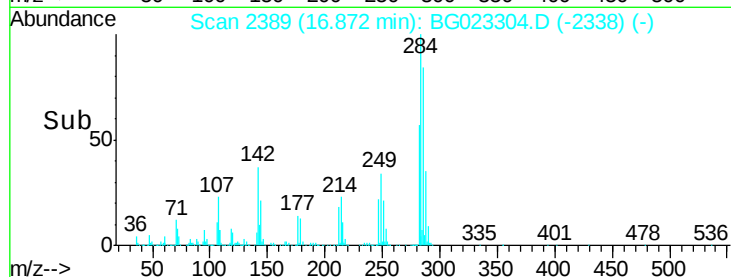
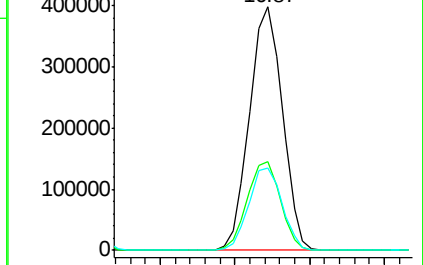
Tgt Ion:	284	Resp:	607925
Ion Ratio		Lower	Upper
284	100		
142	36.6	26.8	40.2
249	33.9	28.9	43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.26 ng

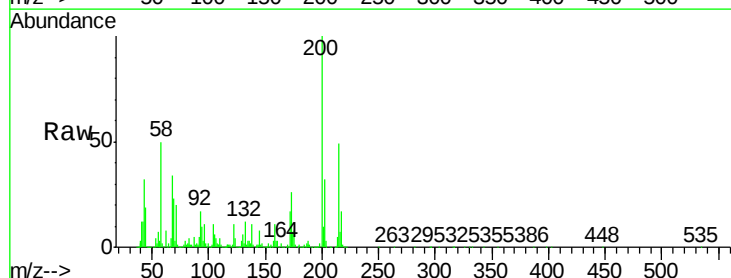
RT: 17.02 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

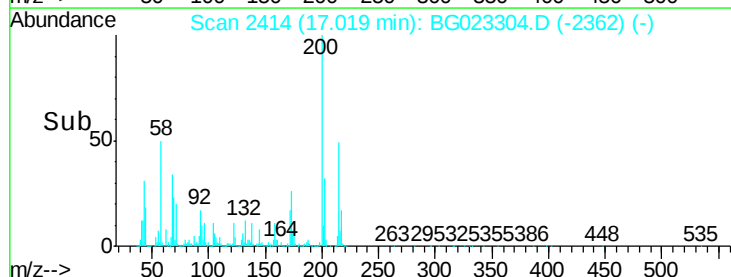
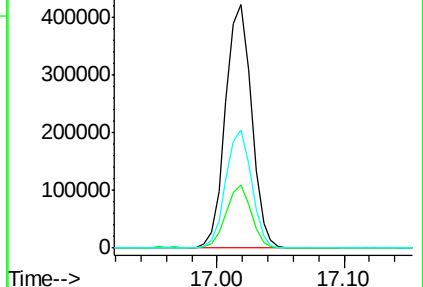
Tgt Ion:	200	Resp:	597861
Ion Ratio		Lower	Upper
200	100		
173	26.1	1.6	41.6
215	48.8	28.7	68.7

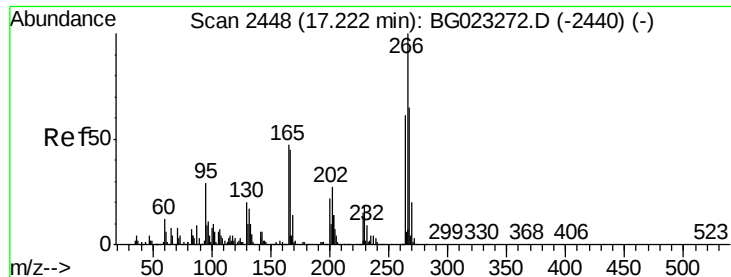


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

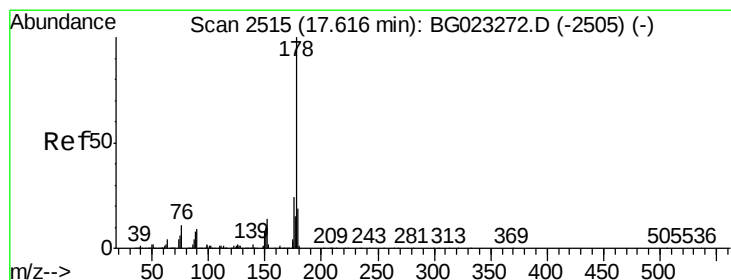
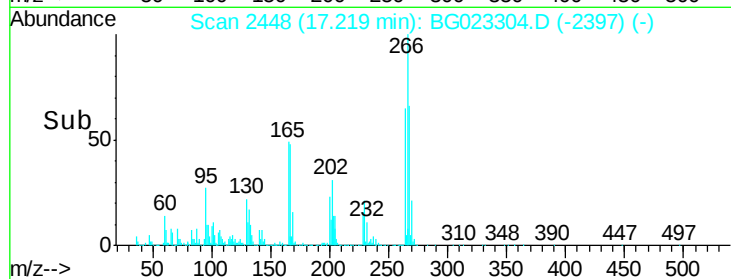
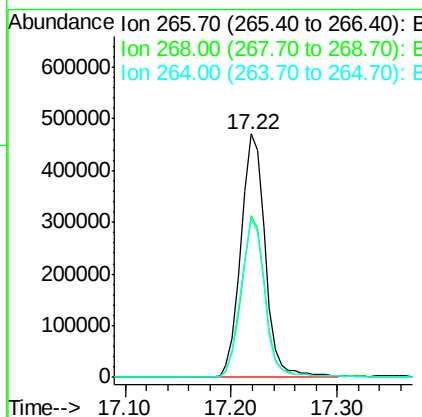
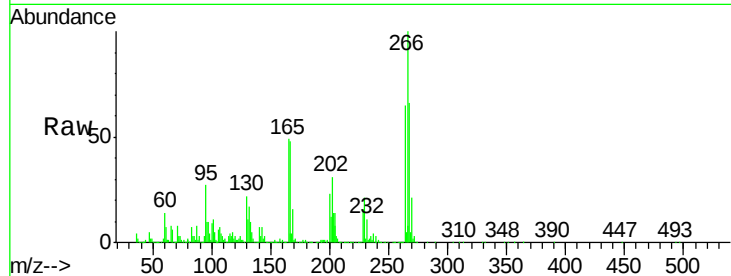




#69
 Pentachlorophenol
 Concen: 96.98 ng
 RT: 17.22 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

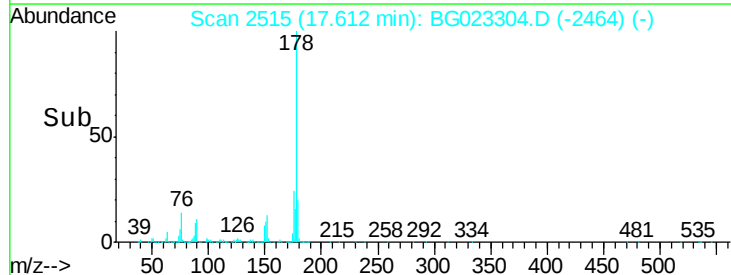
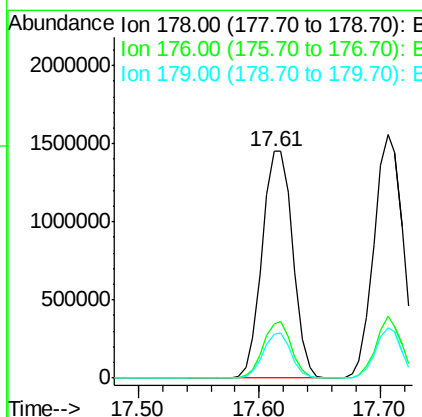
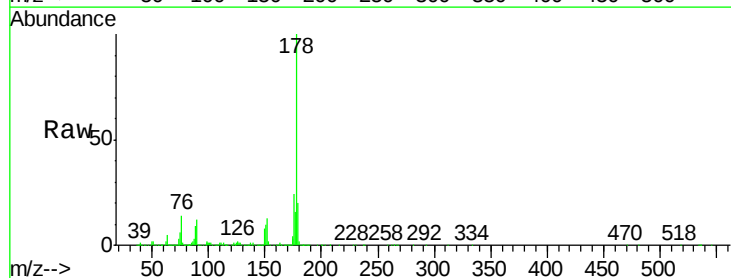
Instrument :
 BNA_G
 ClientSampleId :
 PB92411BSD

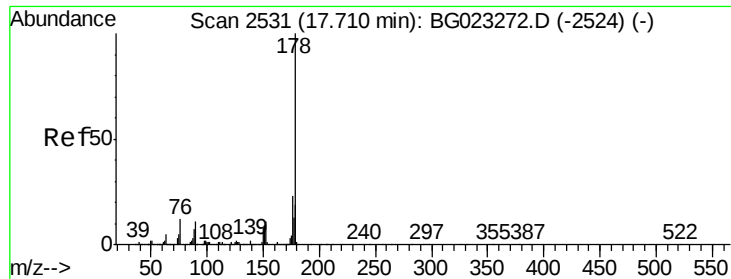
Tgt Ion: 266 Resp: 751761
 Ion Ratio Lower Upper
 266 100
 268 66.4 51.9 77.9
 264 65.2 50.6 75.8



#70
 Phenanthrene
 Concen: 47.57 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. 0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

Tgt Ion: 178 Resp: 2570285
 Ion Ratio Lower Upper
 178 100
 176 23.8 16.8 25.2
 179 19.5 14.3 21.5

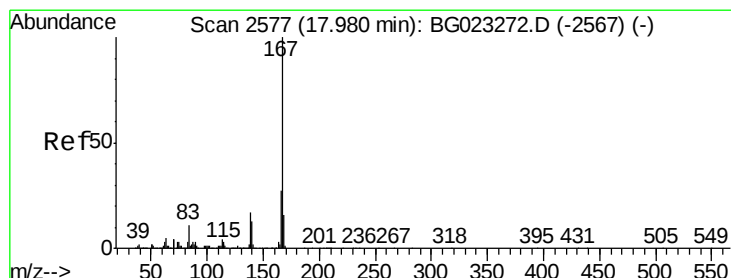
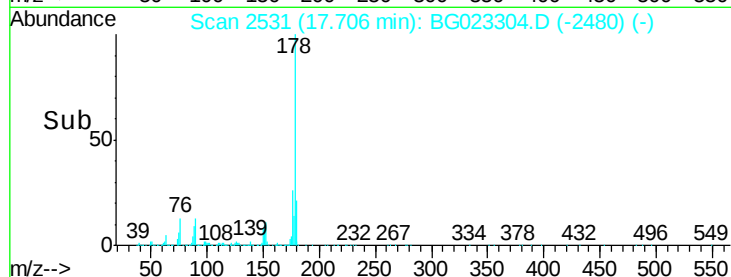
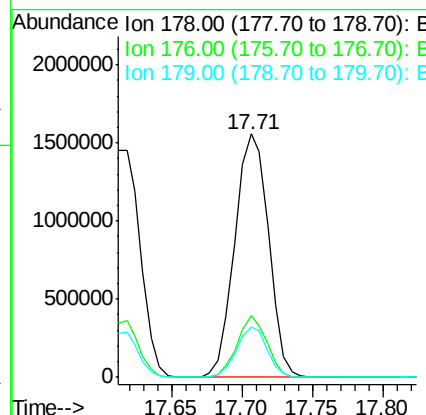
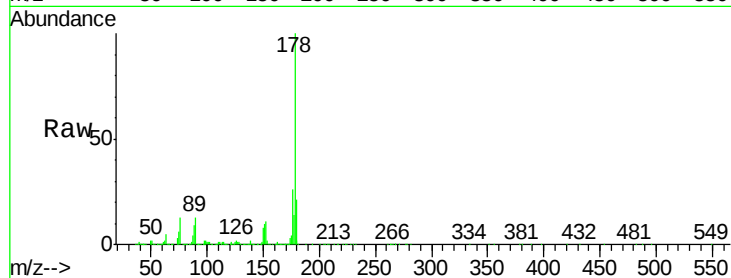




#71
 Anthracene
 Concen: 47.45 ng
 RT: 17.71 min Scan# 2531
 Delta R.T. 0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

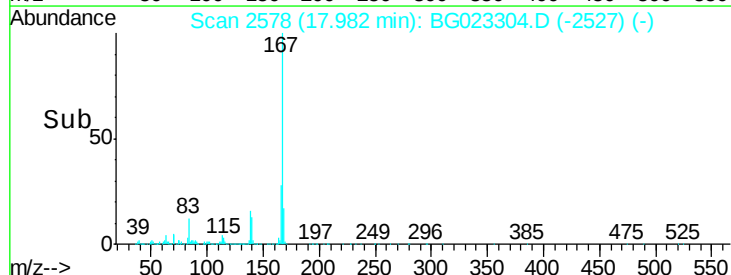
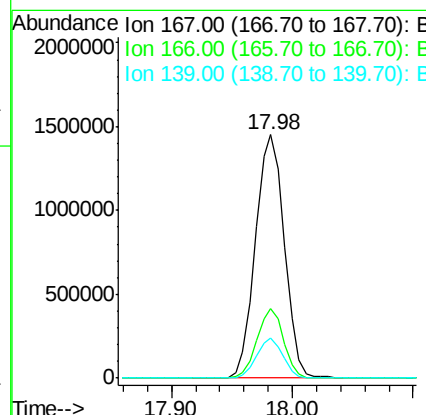
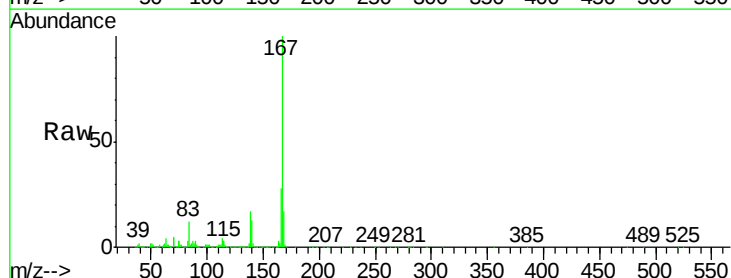
Instrument :
 BNA_G
 ClientSampleId :
 PB92411BSD

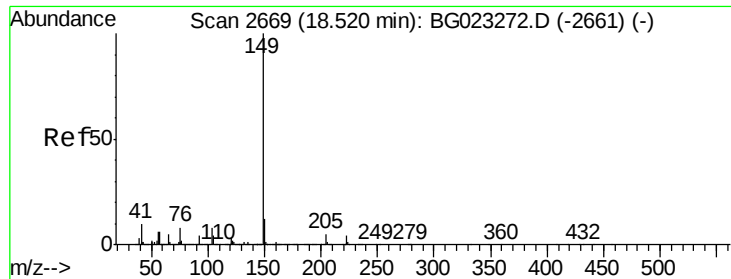
Tgt Ion:178 Resp: 2590629
 Ion Ratio Lower Upper
 178 100
 176 25.5 17.3 25.9
 179 20.9 14.0 21.0



#72
 Carbazole
 Concen: 48.48 ng
 RT: 17.98 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

Tgt Ion:167 Resp: 2424404
 Ion Ratio Lower Upper
 167 100
 166 28.4 20.7 31.1
 139 16.5 11.9 17.9

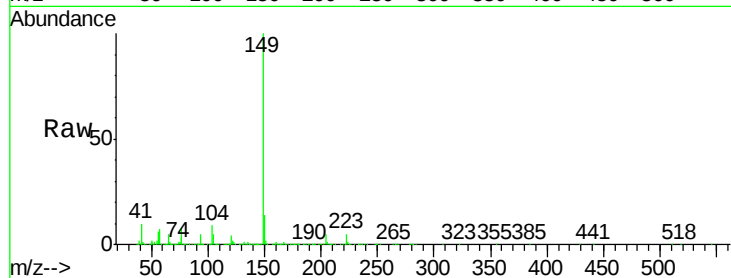




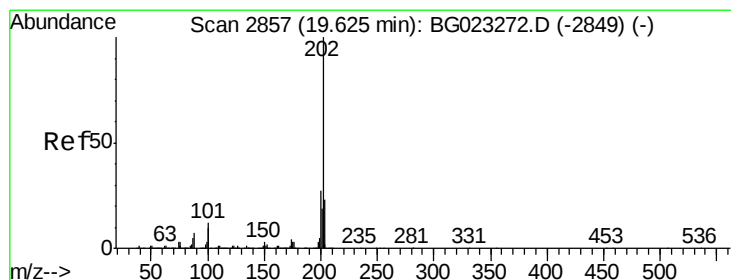
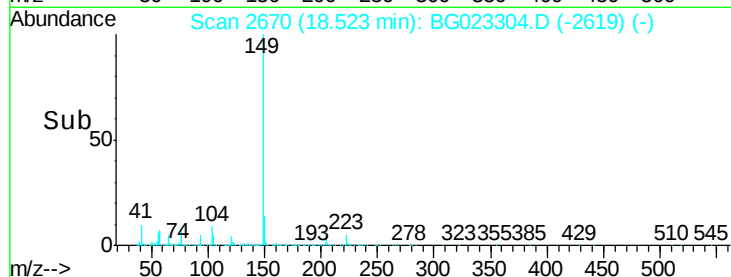
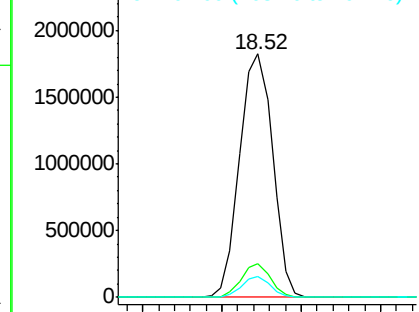
#73
Di-n-butylphthalate
Concen: 47.38 ng
RT: 18.52 min Scan# 2670
Delta R.T. 0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB92411BSD

Tgt Ion:149 Resp: 2643282
Ion Ratio Lower Upper
149 100
150 13.7 9.1 13.7#
104 8.6 6.9 10.3

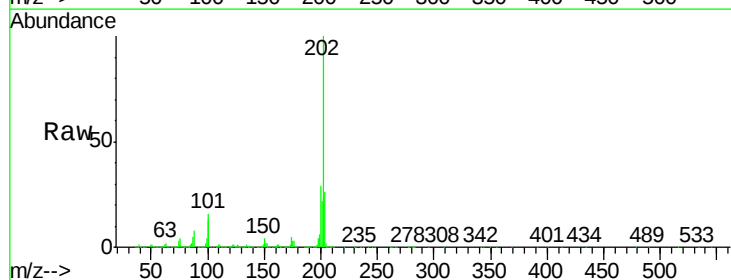


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

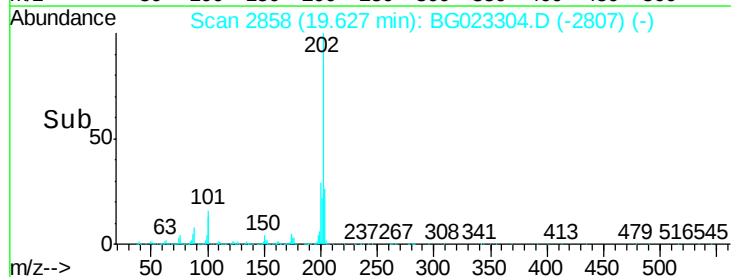
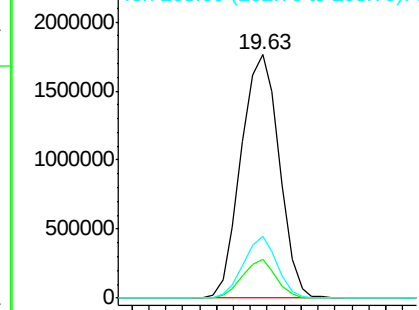


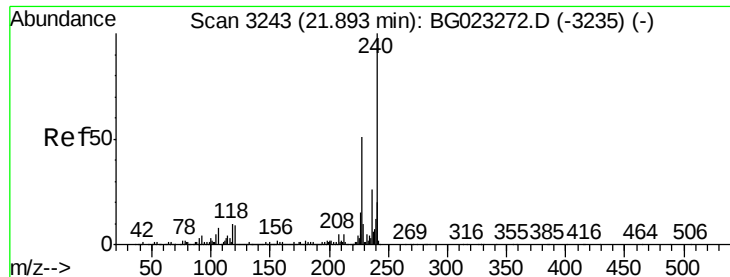
#74
Fluoranthene
Concen: 44.99 ng
RT: 19.63 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Tgt Ion:202 Resp: 2774326
Ion Ratio Lower Upper
202 100
101 16.0 0.0 27.4
203 25.6 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

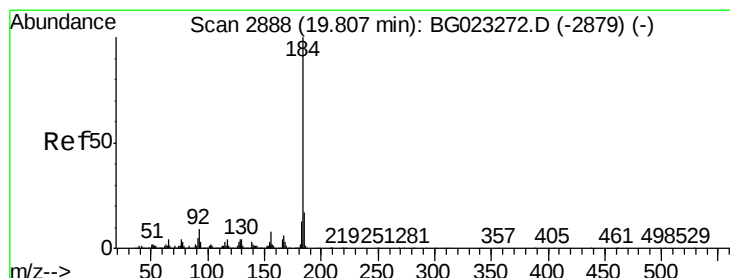
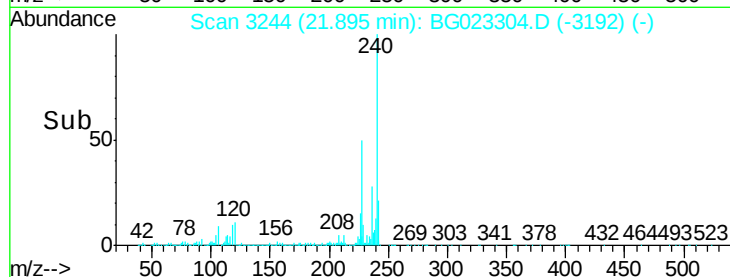
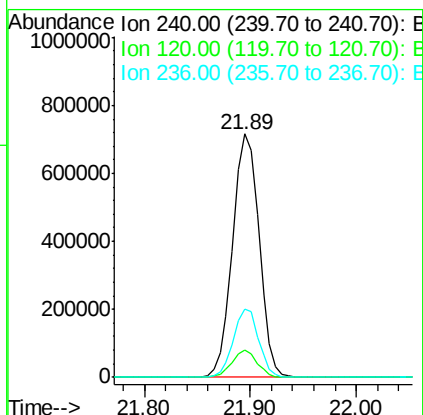
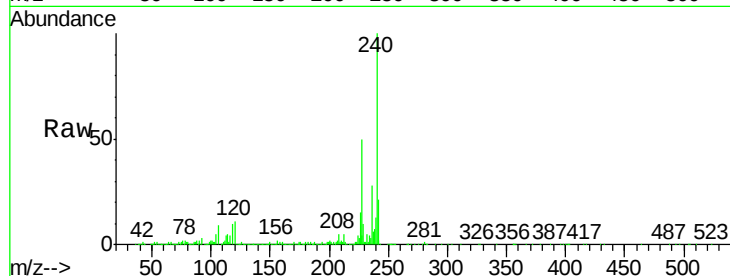




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3244
Delta R.T. 0.01 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

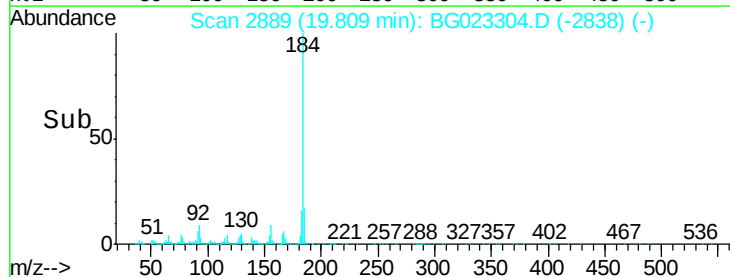
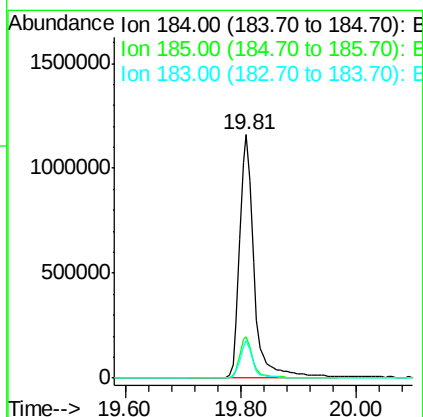
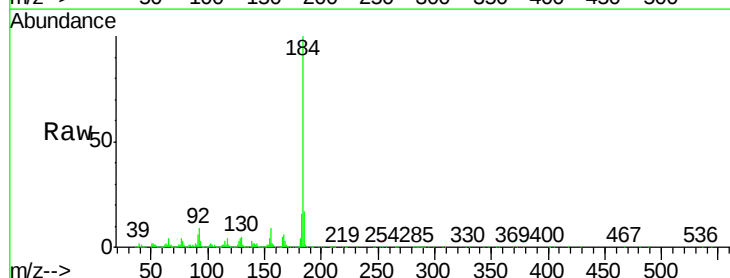
Instrument :
BNA_G
ClientSampleId :
PB92411BSD

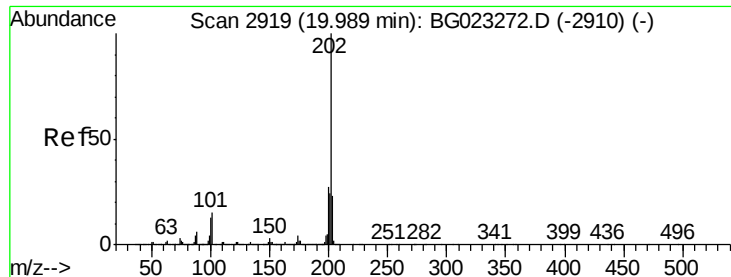
Tgt Ion:240 Resp: 1239901
Ion Ratio Lower Upper
240 100
120 11.3 4.1 6.1#
236 27.9 21.1 31.7



#76
Benzidine
Concen: 58.08 ng
RT: 19.81 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Tgt Ion:184 Resp: 2025417
Ion Ratio Lower Upper
184 100
185 17.0 12.6 19.0
183 15.5 10.7 16.1





#77

Pyrene

Concen: 39.89 ng

RT: 19.99 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

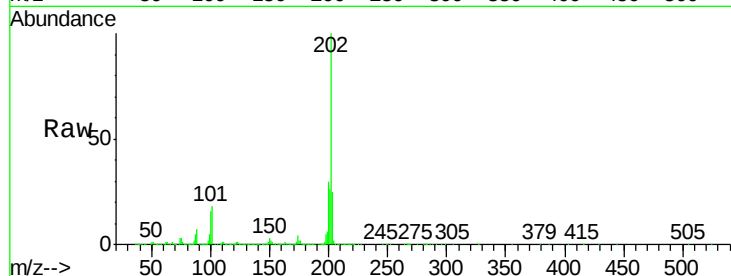
Tgt Ion:202 Resp: 2806918

Ion Ratio Lower Upper

202 100

200 29.6 21.2 31.8

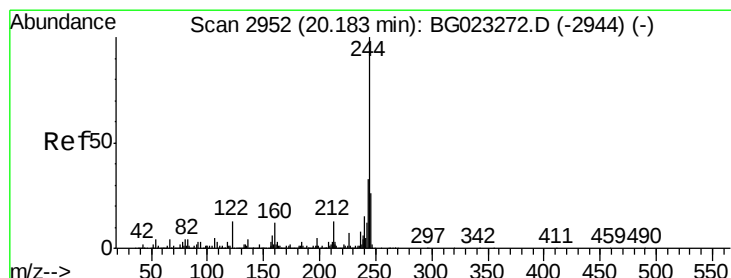
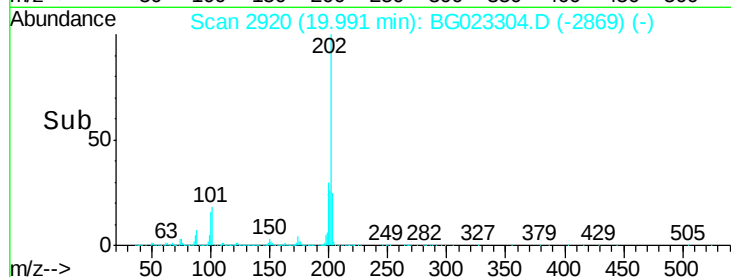
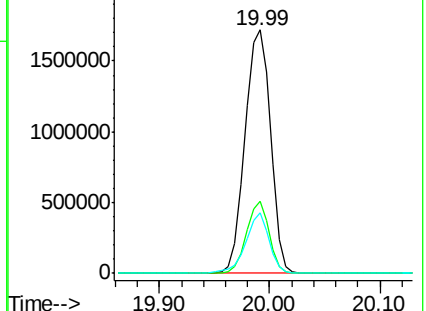
203 24.7 16.8 25.2



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: 86.48 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

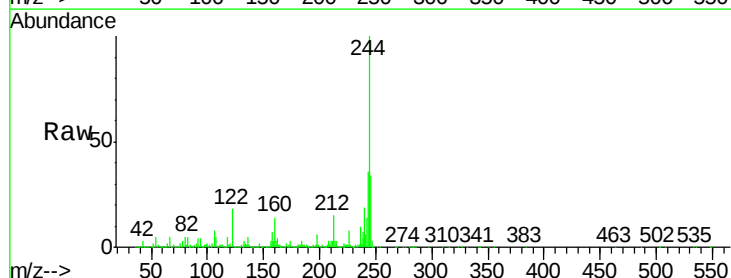
Tgt Ion:244 Resp: 3298448

Ion Ratio Lower Upper

244 100

212 14.8 10.8 16.2

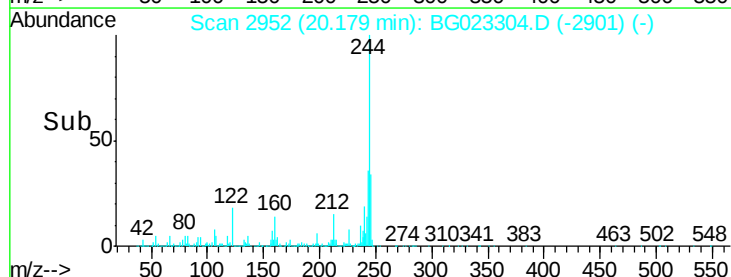
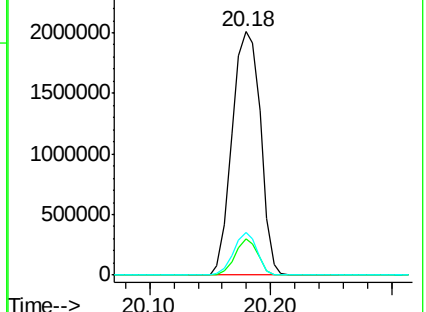
122 17.7 8.0 12.0#



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

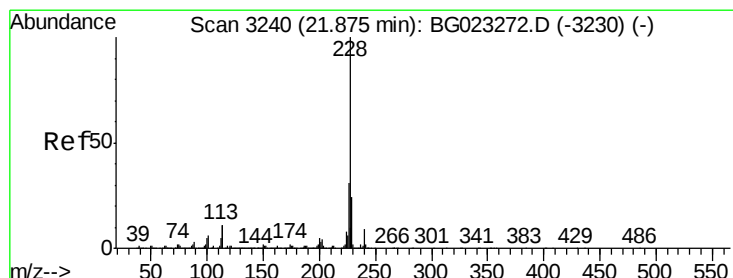
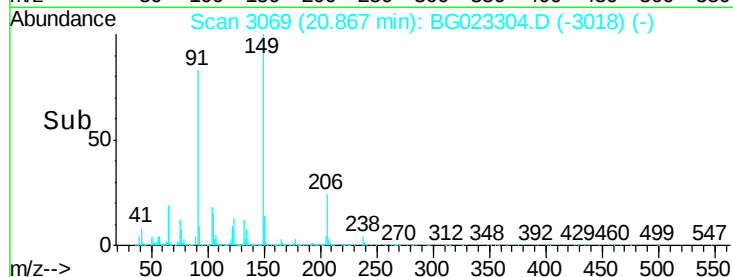
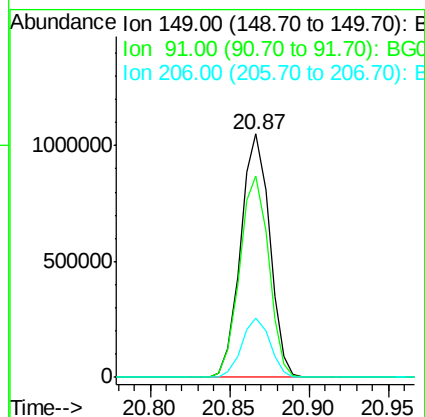
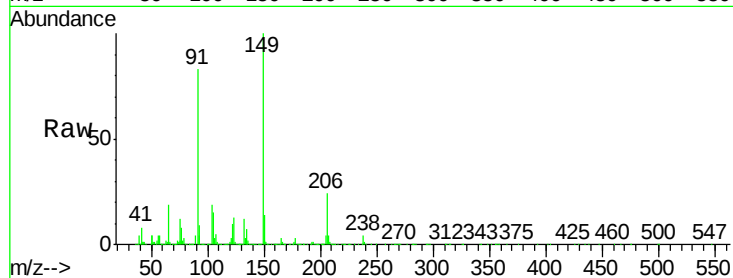




#79
Butylbenzylphthalate
Concen: 43.14 ng
RT: 20.87 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

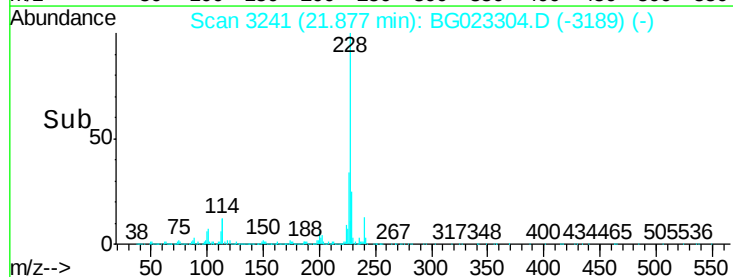
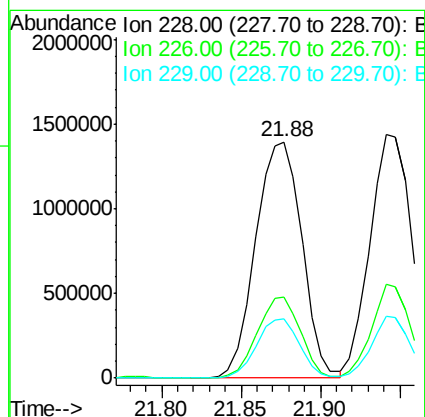
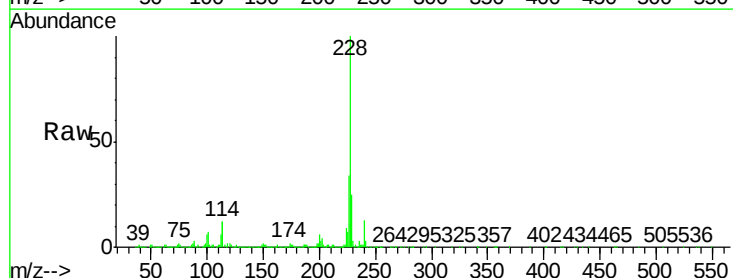
Instrument :
BNA_G
ClientSampled :
PB92411BSD

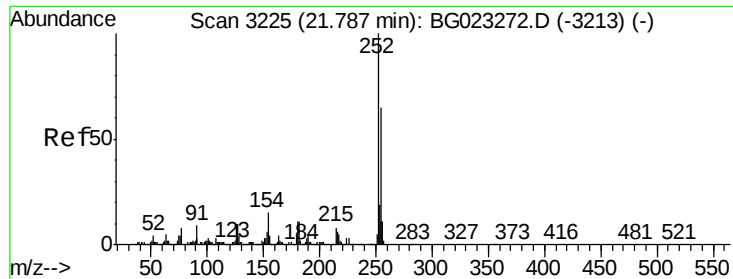
Tgt Ion:149 Resp: 1335378
Ion Ratio Lower Upper
149 100
91 82.5 68.1 102.1
206 24.5 19.8 29.6



#80
Benzo(a)anthracene
Concen: 43.54 ng
RT: 21.88 min Scan# 3241
Delta R.T. 0.01 min
Lab File: BG023304.D
Acq: 28 Jul 2016 5:00

Tgt Ion:228 Resp: 2826568
Ion Ratio Lower Upper
228 100
226 34.1 25.3 37.9
229 24.9 19.9 29.9

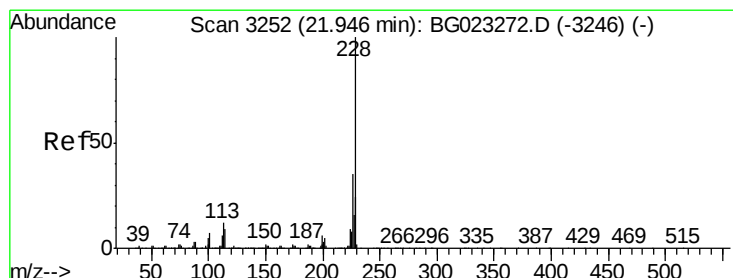
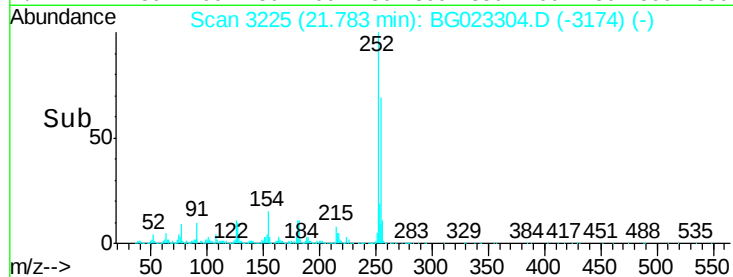
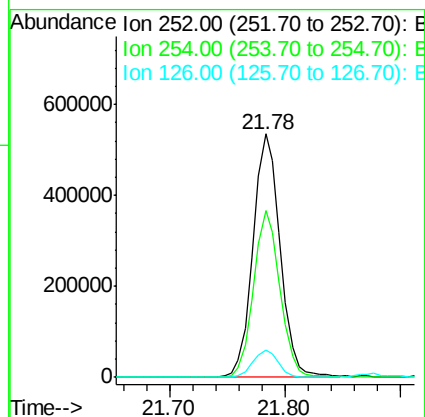
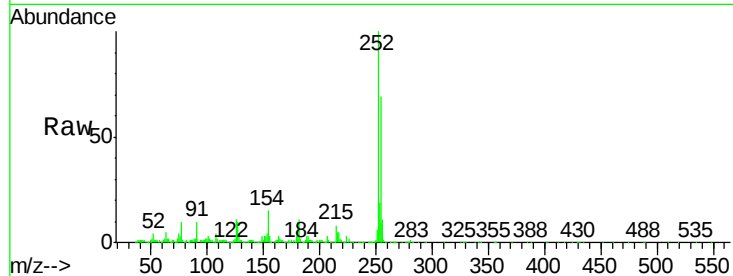




#81
 3,3'-Dichlorobenzidine
 Concen: 33.35 ng
 RT: 21.78 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

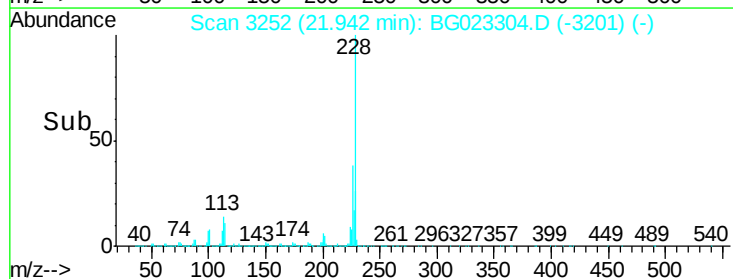
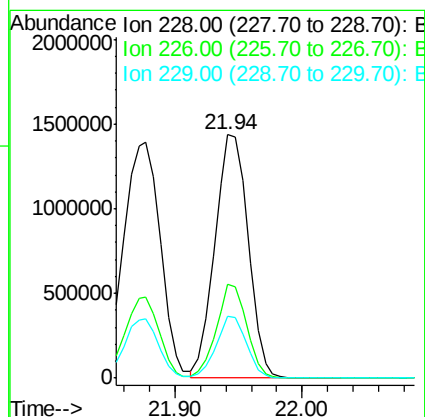
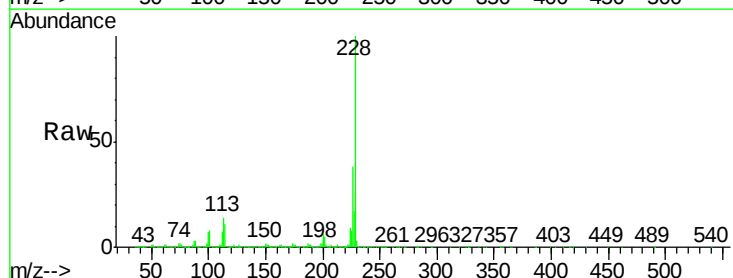
Instrument :
 BNA_G
 ClientSampleId :
 PB92411BSD

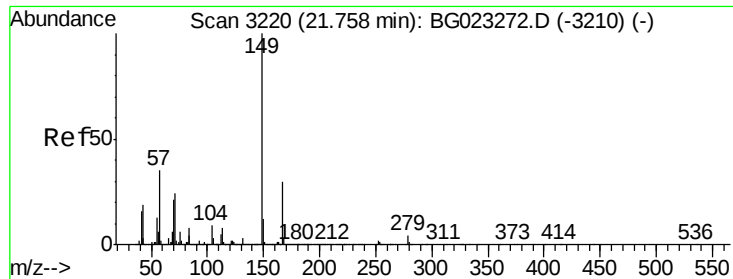
Tgt Ion:252 Resp: 877676
 Ion Ratio Lower Upper
 252 100
 254 68.7 51.2 76.8
 126 11.1 5.3 7.9#



#82
 Chrysene
 Concen: 41.87 ng
 RT: 21.94 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

Tgt Ion:228 Resp: 2626037
 Ion Ratio Lower Upper
 228 100
 226 38.4 26.7 40.1
 229 25.6 17.4 26.2

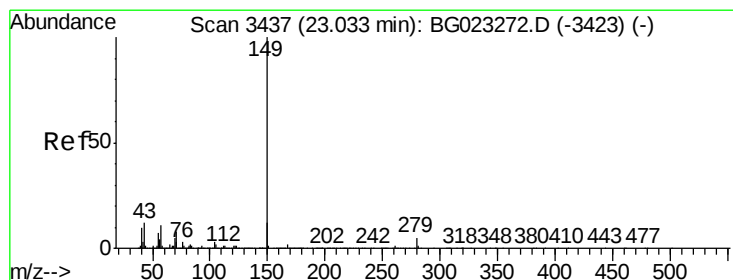
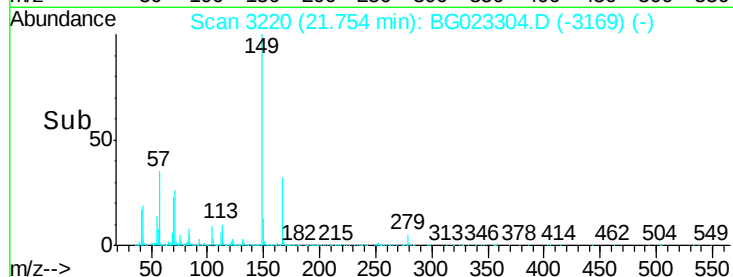
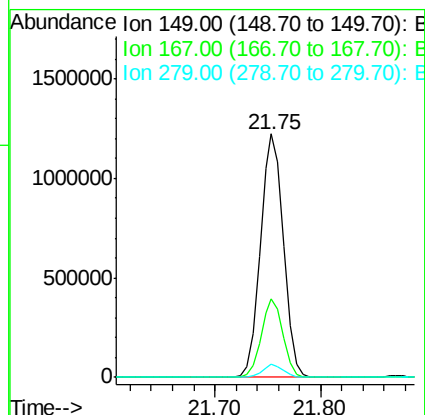
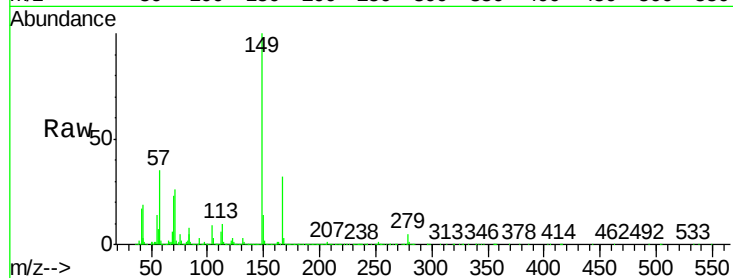




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.79 ng
 RT: 21.75 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

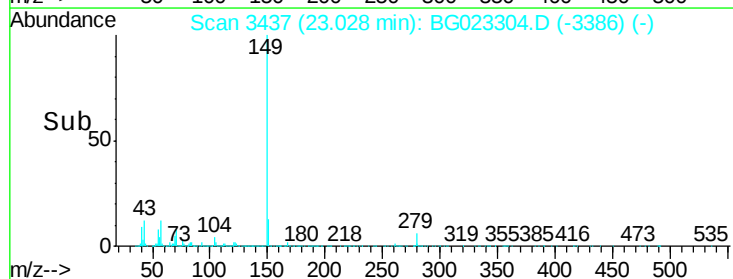
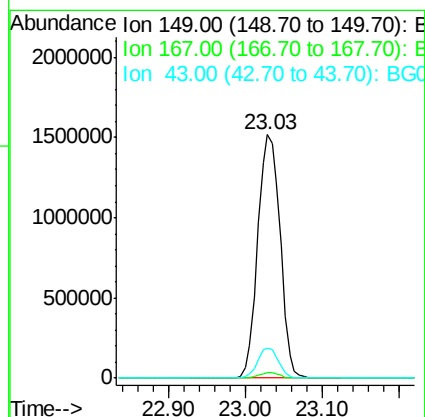
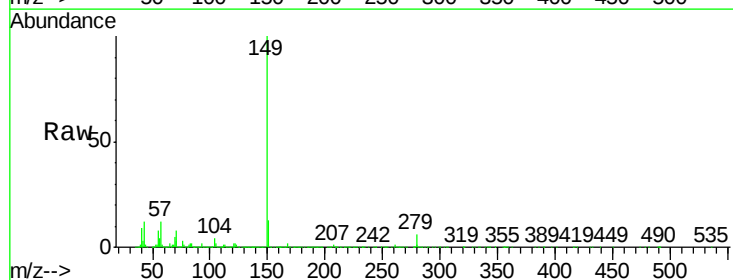
Instrument :
 BNA_G
 ClientSampleId :
 PB92411BSD

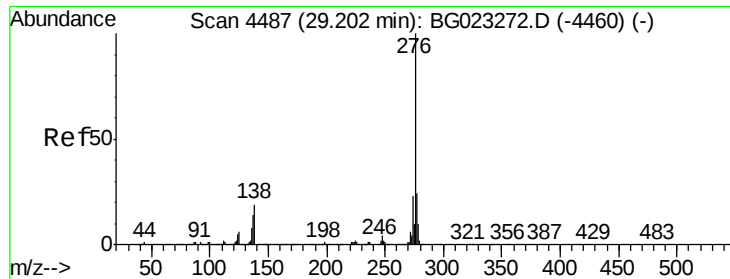
Tgt Ion:149 Resp: 1853544
 Ion Ratio Lower Upper
 149 100
 167 32.4 24.0 36.0
 279 5.4 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 43.57 ng
 RT: 23.03 min Scan# 3437
 Delta R.T. -0.00 min
 Lab File: BG023304.D
 Acq: 28 Jul 2016 5:00

Tgt Ion:149 Resp: 3087373
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.5 2.3
 43 11.4 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.22 ng

RT: 29.20 min Scan# 4488

Delta R.T. 0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

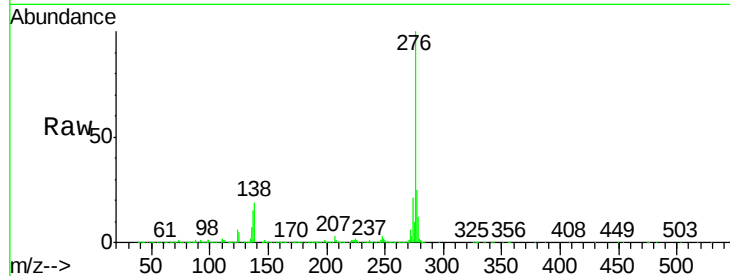
Tgt Ion:276 Resp: 3601154

Ion Ratio Lower Upper

276 100

138 24.1 0.0 0.0#

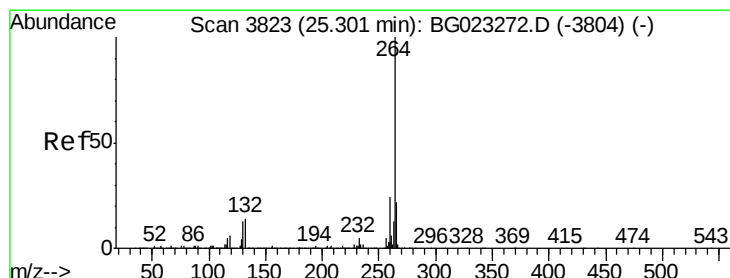
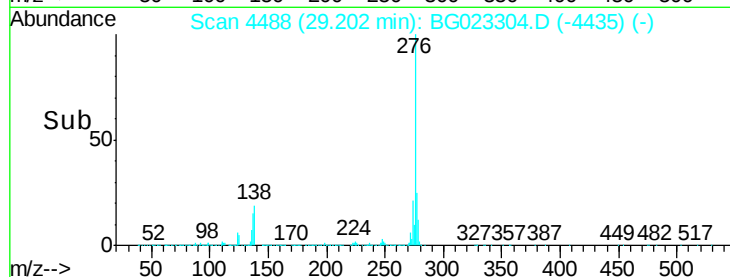
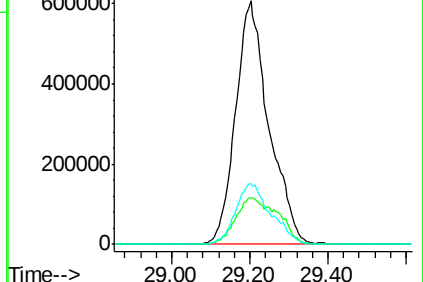
277 26.3 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.30 min Scan# 3823

Delta R.T. -0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

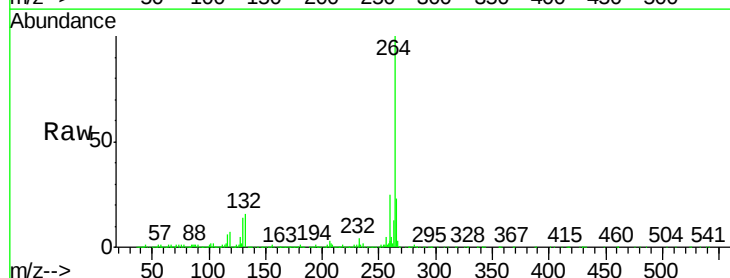
Tgt Ion:264 Resp: 1259974

Ion Ratio Lower Upper

264 100

260 24.7 18.4 27.6

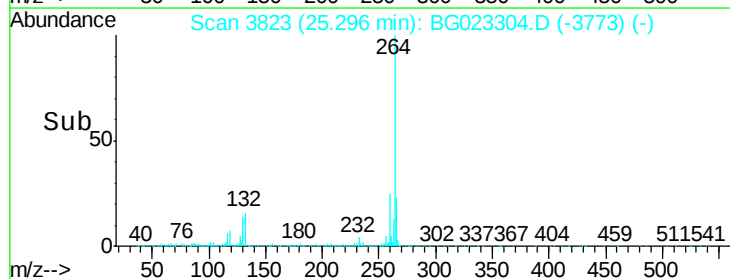
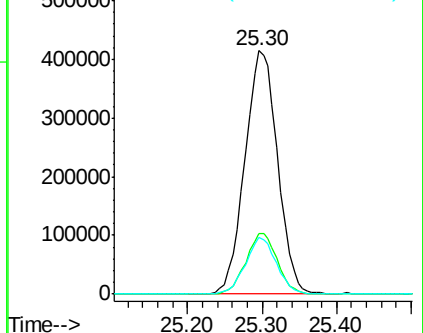
265 23.3 18.9 28.3

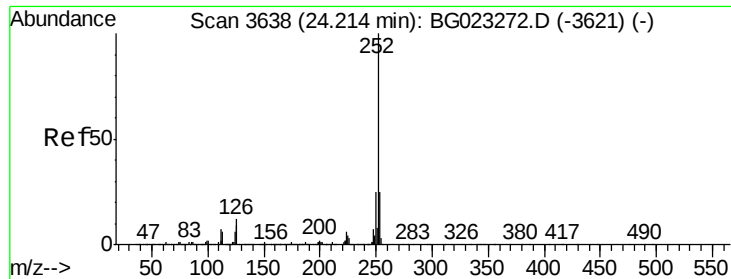


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.26 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

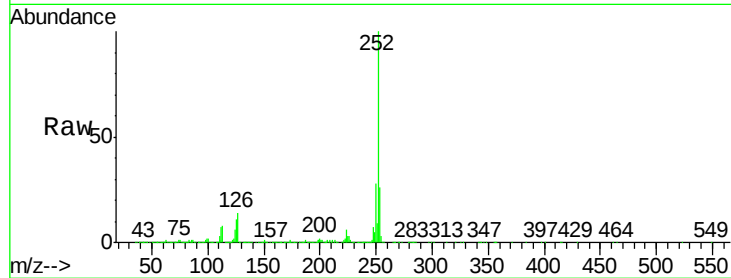
Tgt Ion:252 Resp: 3029603

Ion Ratio Lower Upper

252 100

253 26.2 18.9 28.3

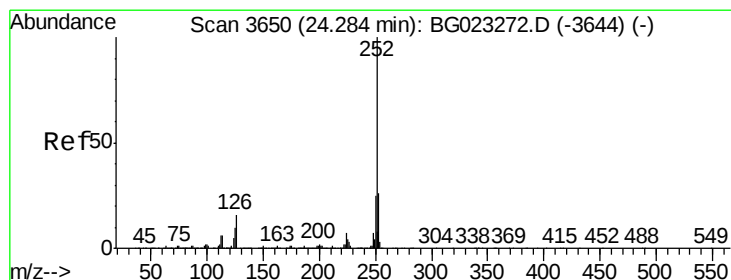
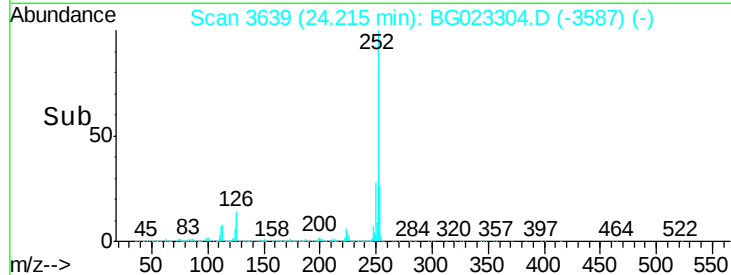
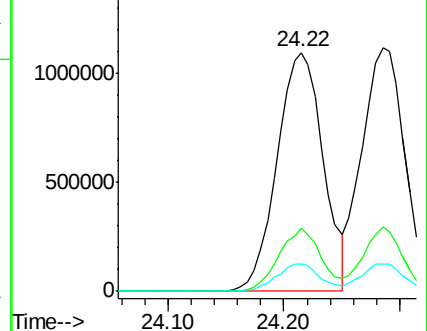
125 11.4 3.9 5.9#



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



#88

Benzo(k)fluoranthene

Concen: 43.13 ng

RT: 24.29 min Scan# 3651

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

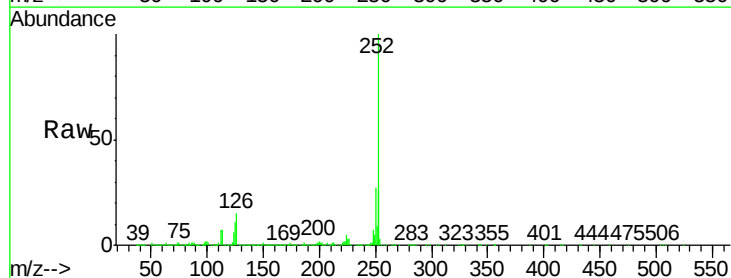
Tgt Ion:252 Resp: 2886163

Ion Ratio Lower Upper

252 100

253 26.3 18.8 28.2

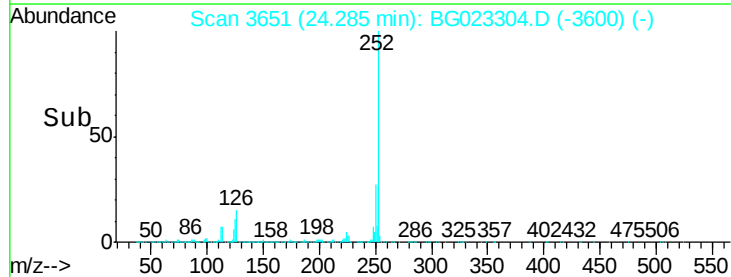
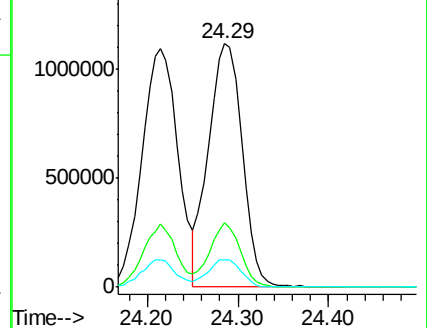
125 11.3 3.2 4.8#

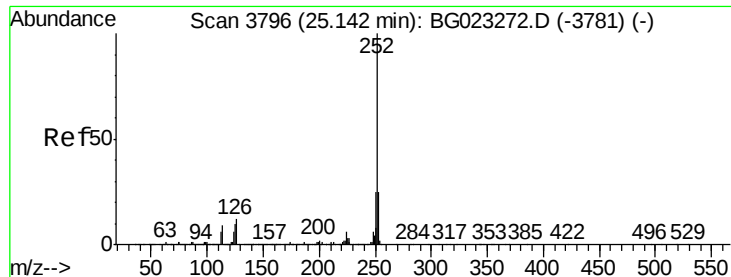


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.81 ng

RT: 25.14 min Scan# 3797

Delta R.T. 0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

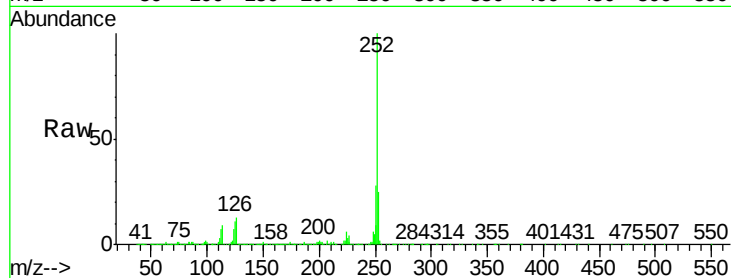
Tgt Ion:252 Resp: 2938908

Ion Ratio Lower Upper

252 100

253 24.7 18.7 28.1

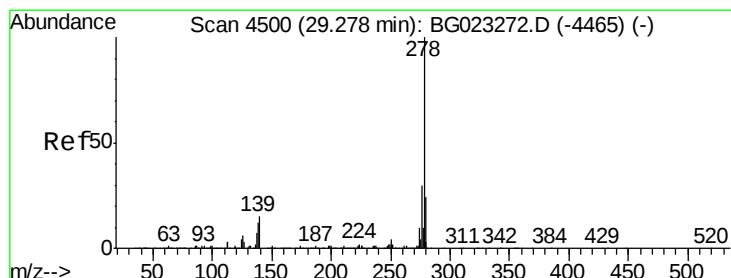
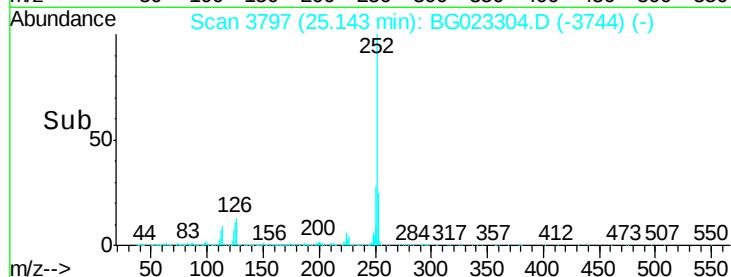
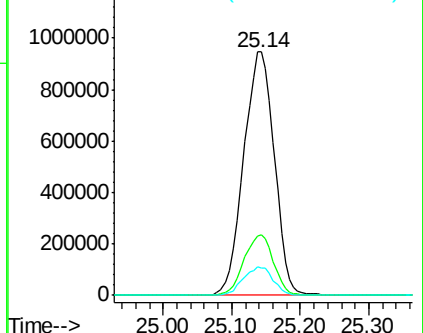
125 11.5 3.9 5.9#



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: 47.83 ng

RT: 29.27 min Scan# 4500

Delta R.T. 0.02 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

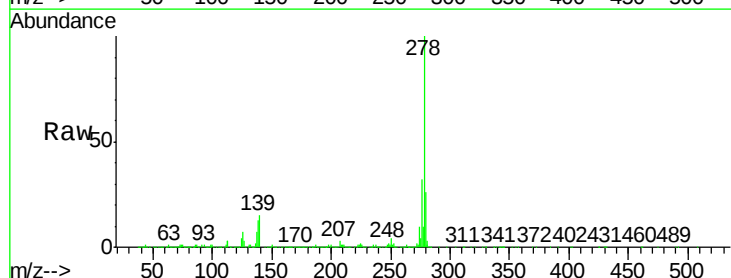
Tgt Ion:278 Resp: 2967785

Ion Ratio Lower Upper

278 100

139 15.3 4.7 7.1#

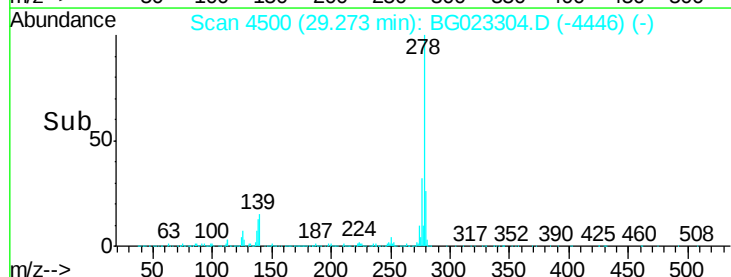
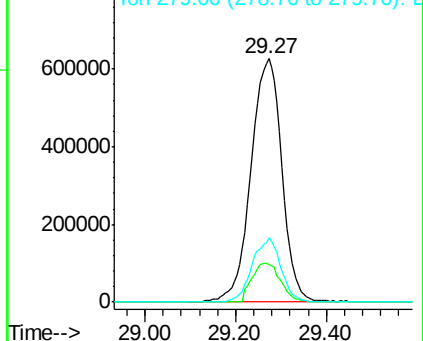
279 26.3 18.3 27.5

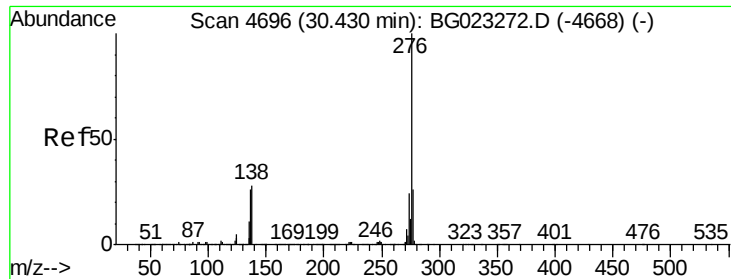


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.70 ng

RT: 30.44 min Scan# 4698

Delta R.T. 0.02 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB92411BSD

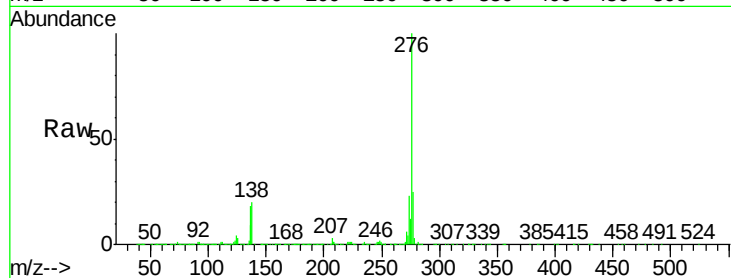
Tgt Ion:276 Resp: 2985319

Ion Ratio Lower Upper

276 100

277 24.6 18.6 27.8

138 19.5 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

