

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023446.D
 Acq On : 4 Aug 2016 9:57
 Operator : UM/SJ
 Sample : PB92660BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Quant Time: Aug 04 16:10:48 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	99152	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	481619	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	366373	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	937221	20.00	ng	0.00
75) Chrysene-d12	21.86	240	970385	20.00	ng	0.00
86) Perylene-d12	25.24	264	958957	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	855977	145.32	ng	0.00
7) Phenol-d6	7.28	99	1310107	142.80	ng	0.00
23) Nitrobenzene-d5	9.29	82	858513	88.62	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	720334	134.42	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1864369	85.83	ng	0.00
78) Terphenyl-d14	20.16	244	2867004	94.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	71403	28.45	ng	91
3) Pyridine	3.92	79	269195	32.64	ng	94
4) n-Nitrosodimethylamine	3.84	42	126948	41.52	ng	# 79
6) Aniline	7.44	93	497743	37.55	ng	95
8) 2-Chlorophenol	7.68	128	322637	47.68	ng	99
9) Benzaldehyde	7.25	77	173646	31.37	ng	91
10) Phenol	7.30	94	485615	49.48	ng	84
11) bis(2-Chloroethyl)ether	7.53	93	330078	42.16	ng	95
12) 1,3-Dichlorobenzene	8.01	146	311421	40.19	ng	91
13) 1,4-Dichlorobenzene	8.15	146	331054	41.74	ng	93
14) 1,2-Dichlorobenzene	8.48	146	321102	41.27	ng	94
15) Benzyl Alcohol	8.36	79	403188	58.00	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	443460	38.51	ng	93
17) 2-Methylphenol	8.56	107	326915	49.68	ng	93
18) Hexachloroethane	9.21	117	124158	41.59	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	342622	43.42	ng	94
20) 3+4-Methylphenols	8.89	107	458523	49.43	ng	89
22) Acetophenone	8.95	105	489932	37.15	ng	# 92
24) Nitrobenzene	9.34	77	484373	45.15	ng	91
25) Isophorone	9.86	82	912260	45.21	ng	95
26) 2-Nitrophenol	10.06	139	203458	44.94	ng	# 78
27) 2,4-Dimethylphenol	10.11	122	370819	48.10	ng	91
28) bis(2-Chloroethoxy)methane	10.34	93	525556	43.33	ng	99
29) 2,4-Dichlorophenol	10.60	162	396872	51.20	ng	97
30) 1,2,4-Trichlorobenzene	10.81	180	357580	42.77	ng	98
31) Naphthalene	11.00	128	1056493	43.08	ng	99
32) Benzoic acid	10.26	122	227193	34.16	ng	94
33) 4-Chloroaniline	11.11	127	204544	17.45	ng	91
34) Hexachlorobutadiene	11.28	225	239852	43.62	ng	93
35) Caprolactam	11.90	113	106131	32.54	ng	89
36) 4-Chloro-3-methylphenol	12.24	107	514123	50.48	ng	96
37) 2-Methylnaphthalene	12.61	142	833893	44.72	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	417384	31.42	ng	97
40) Hexachlorocyclopentadiene	12.95	237	568146	84.80	ng	98

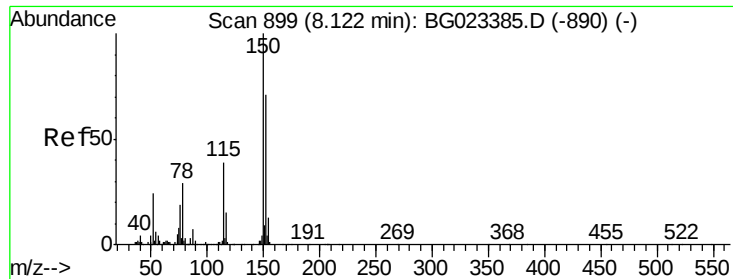
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	355582	44.93	nq	99
43) 2,4,5-Trichlorophenol	13.29	196	389762	47.84	nq	95
45) 1,1'-Biphenyl	13.61	154	1056132	37.71	nq	95
46) 2-Chloronaphthalene	13.66	162	918747	42.40	nq	96
47) 2-Nitroaniline	13.86	65	420737	46.77	nq	90
48) Acenaphthylene	14.50	152	1492030	43.56	nq	97
49) Dimethylphthalate	14.23	163	1322595	47.05	nq	98
50) 2,6-Dinitrotoluene	14.36	165	309646	46.51	nq	# 82
51) Acenaphthene	14.84	154	957457	44.13	nq	97
52) 3-Nitroaniline	14.69	138	223270	29.74	nq	# 84
53) 2,4-Dinitrophenol	14.90	184	412959	96.78	nq	88
54) Dibenzofuran	15.19	168	1528171	48.51	nq	97
55) 4-Nitrophenol	15.01	139	516448	87.60	nq	# 85
56) 2,4-Dinitrotoluene	15.15	165	465582	49.83	nq	90
57) Fluorene	15.84	166	1280718	46.59	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	397159	53.12	nq	95
59) Diethylphthalate	15.59	149	1372491	48.10	nq	97
60) 4-Chlorophenyl-phenylether	15.82	204	674170	46.34	nq	99
61) 4-Nitroaniline	15.87	138	350683	43.88	nq	# 67
62) Azobenzene	16.11	77	1501129	51.90	nq	91
64) 4,6-Dinitro-2-methylphenol	15.91	198	294248	46.18	nq	94
65) n-Nitrosodiphenylamine	16.04	169	1198105	43.58	nq	93
66) 4-Bromophenyl-phenylether	16.72	248	481647	44.09	nq	98
67) Hexachlorobenzene	16.85	284	523313	43.79	nq	98
68) Atrazine	16.99	200	502978	47.65	nq	96
69) Pentachlorophenol	17.19	266	644882	92.56	nq	99
70) Phenanthrene	17.59	178	2112753	44.43	nq	96
71) Anthracene	17.68	178	2159443	45.15	nq	97
72) Carbazole	17.95	167	2012205	47.91	nq	99
73) Di-n-butylphthalate	18.49	149	2235452	54.02	nq	98
74) Fluoranthene	19.60	202	2420898	56.29	nq	94
76) Benzidine	19.78	184	1381907	51.23	nq	99
77) Pyrene	19.96	202	2445206	44.37	nq	96
79) Butylbenzylphthalate	20.84	149	1086403	46.49	nq	97
80) Benzo(a)anthracene	21.84	228	2395992	44.73	nq	96
81) 3,3'-Dichlorobenzidine	21.75	252	558671	25.43	nq	# 97
82) Chrysene	21.91	228	2237645	43.91	nq	95
83) Bis(2-ethylhexyl)phthalate	21.72	149	1463331	45.73	nq	100
84) Di-n-octyl phthalate	22.98	149	2417191	44.26	nq	98
85) Indeno(1,2,3-cd)pyrene	29.11	276	2852675	44.80	nq	# 100
87) Benzo(b)fluoranthene	24.16	252	2498459	46.31	nq	# 96
88) Benzo(k)fluoranthene	24.23	252	2351415	45.37	nq	# 96
89) Benzo(a)pyrene	25.08	252	2385193	46.48	nq	# 97
90) Dibenzo(a,h)anthracene	29.17	278	2427926	46.32	nq	# 92
91) Benzo(g,h,i)perylene	30.32	276	2370544	44.91	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

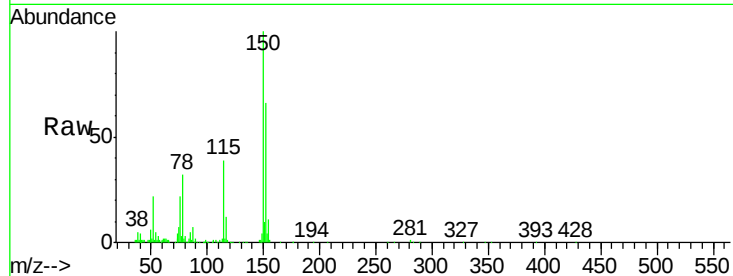
Tot Ion:152 Resp: 99152

Ion Ratio Lower Upper

152 100

150 152.2 144.7 217.1

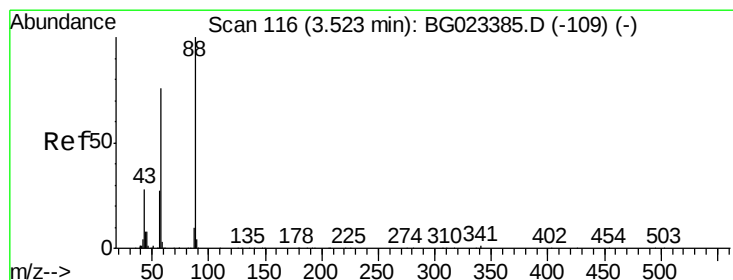
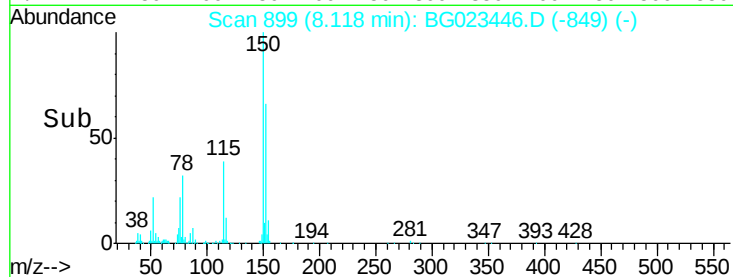
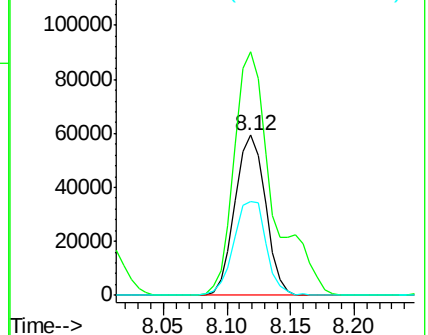
115 58.9 64.0 96.0#



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: 28.45 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

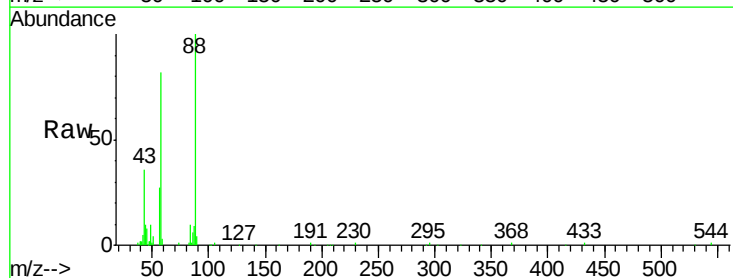
Tgt Ion: 88 Resp: 71403

Ion Ratio Lower Upper

88 100

58 84.4 60.4 90.6

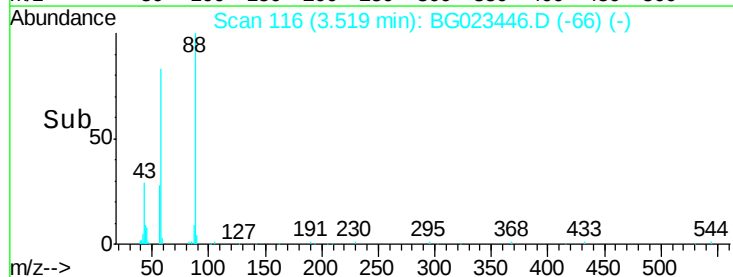
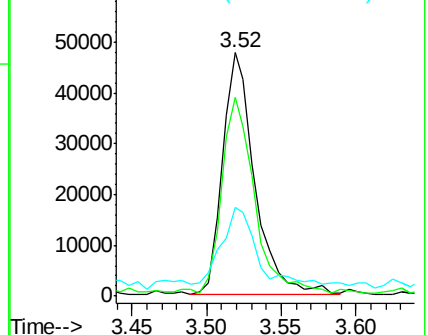
43 35.2 31.1 46.7

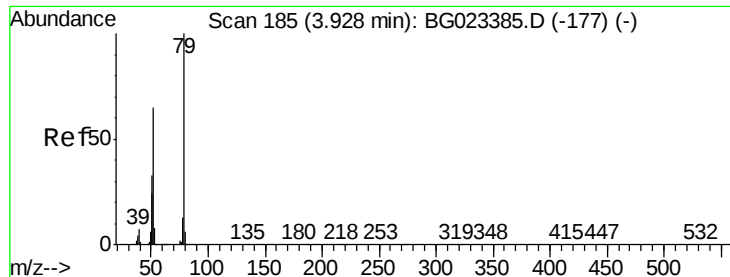


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.64 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

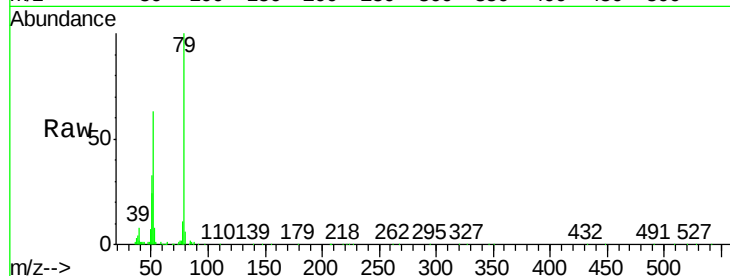
Tot Ion: 79 Resp: 269195

Ion Ratio Lower Upper

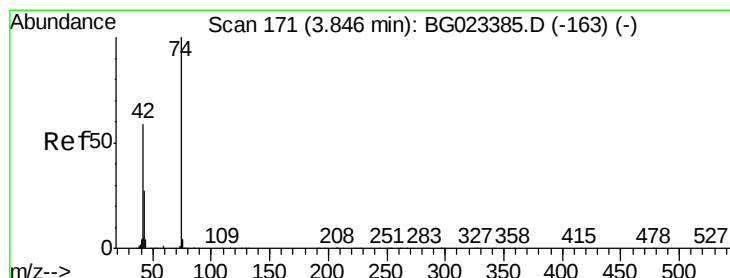
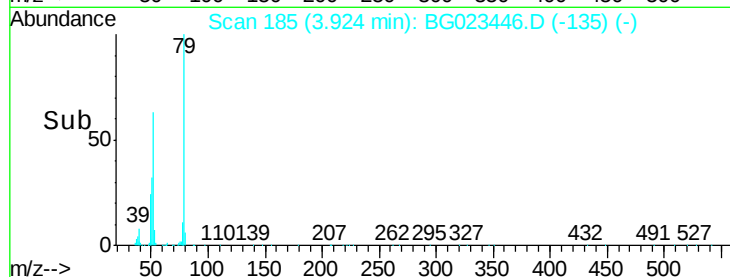
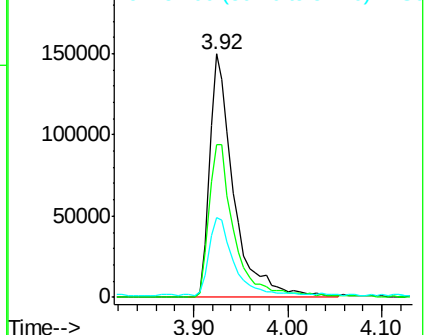
79 100

52 63.0 51.8 77.8

51 32.8 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: 41.52 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

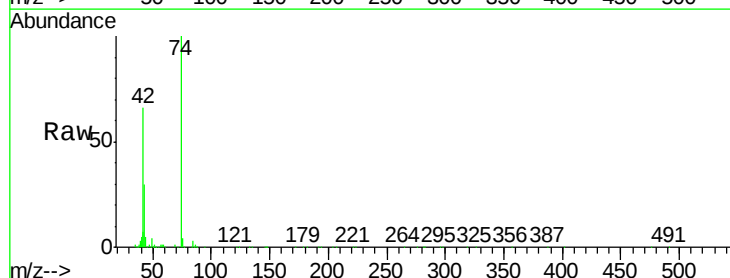
Tgt Ion: 42 Resp: 126948

Ion Ratio Lower Upper

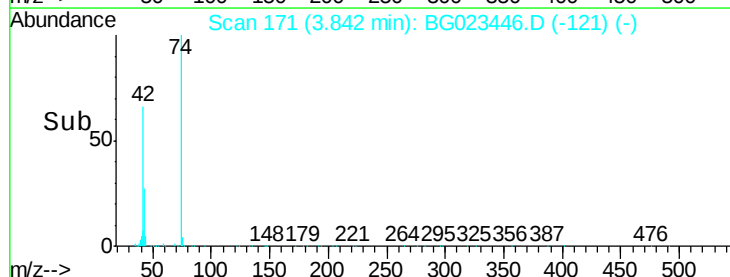
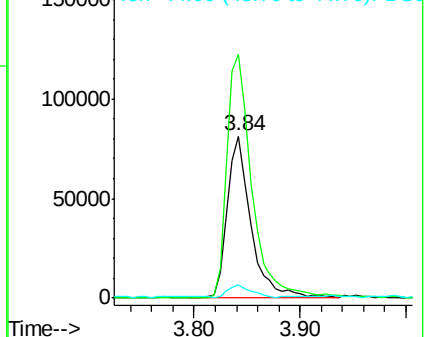
42 100

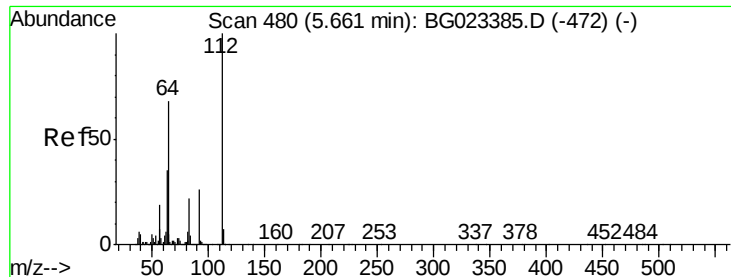
74 150.6 100.6 150.8

44 8.2 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: 145.32 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

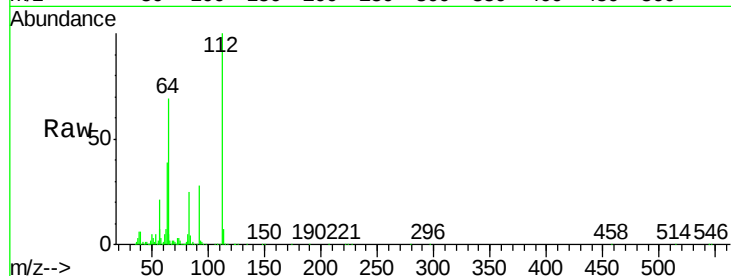
Tot Ion:112 Resp: 855977

Ion Ratio Lower Upper

112 100

64 68.9 59.0 88.4

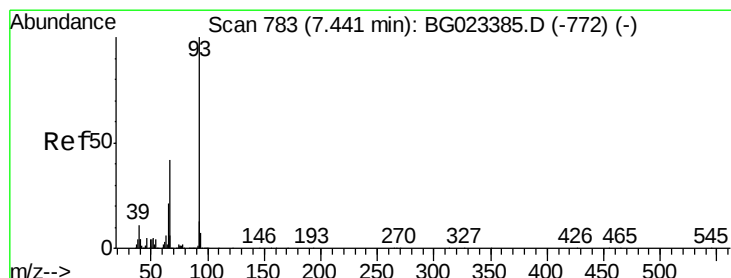
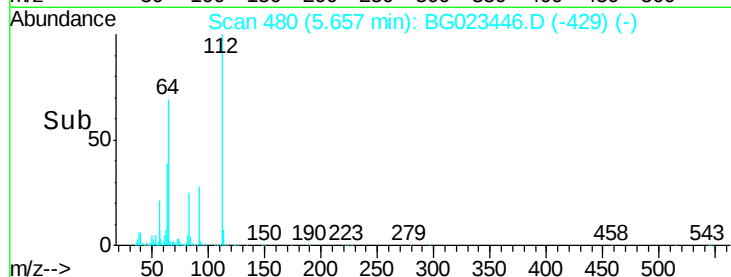
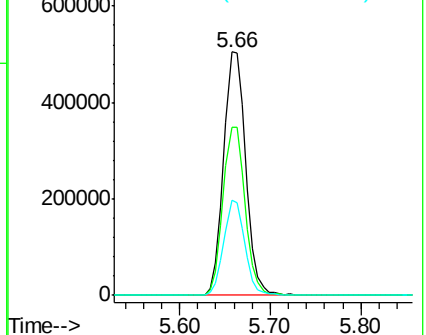
63 39.0 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.55 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

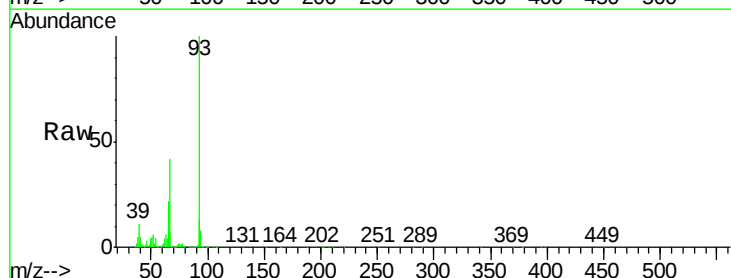
Tgt Ion: 93 Resp: 497743

Ion Ratio Lower Upper

93 100

66 42.2 37.5 56.3

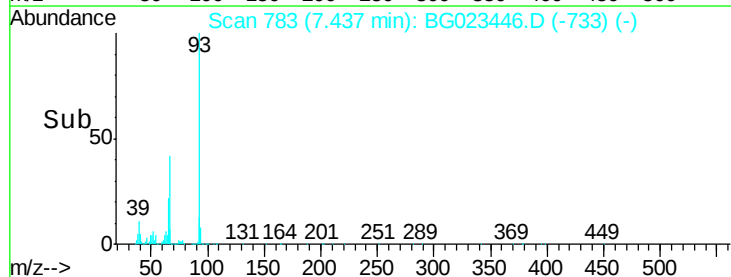
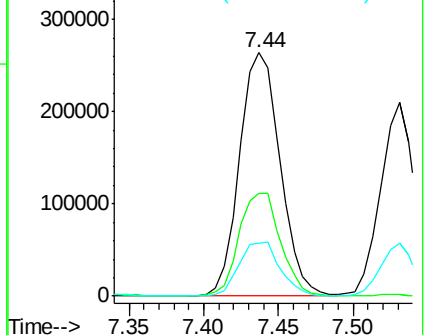
65 22.0 17.9 26.9

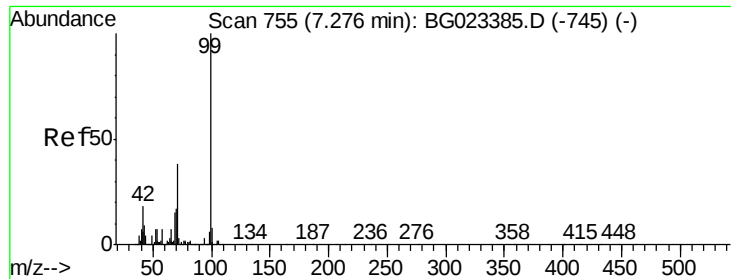


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 142.80 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

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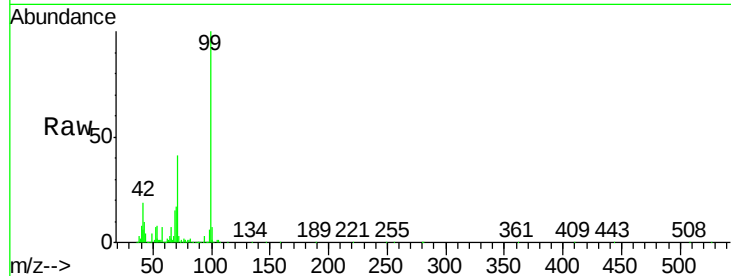
Tot Ion: 99 Resp: 1310107

Ion Ratio Lower Upper

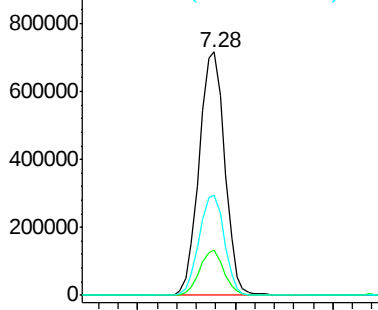
99 100

42 18.6 17.8 26.6

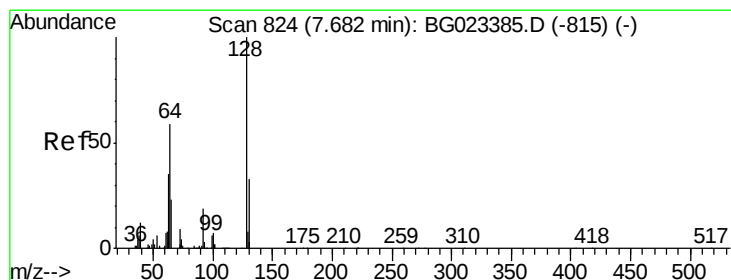
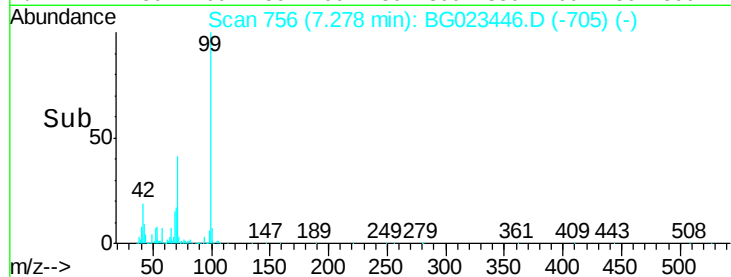
71 41.3 41.5 62.3#



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



Time-->



#8

2-Chlorophenol

Concen: 47.68 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

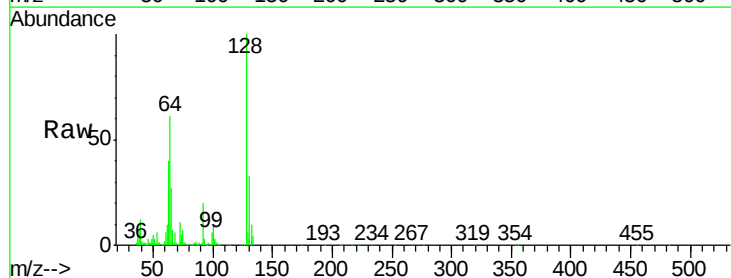
Tgt Ion: 128 Resp: 322637

Ion Ratio Lower Upper

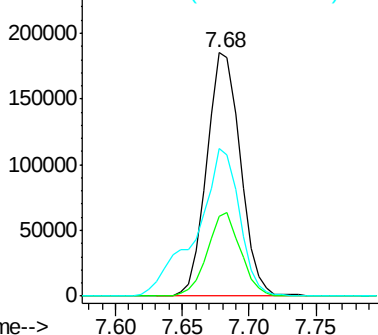
128 100

130 32.7 12.9 52.9

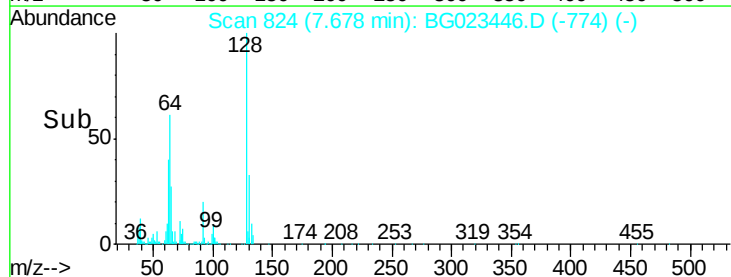
64 60.7 42.0 82.0

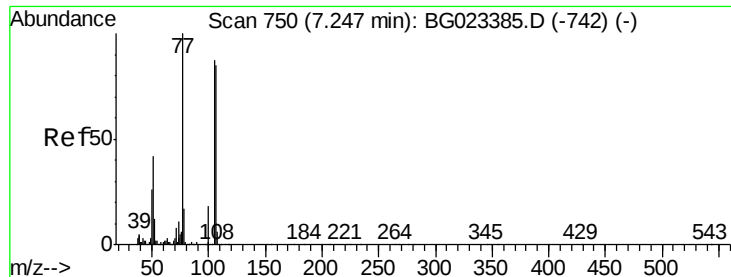


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 31.37 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

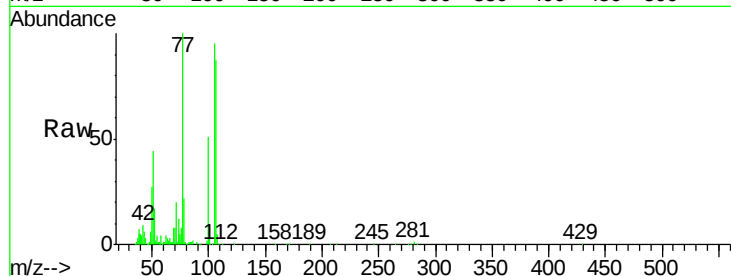
Tot Ion: 77 Resp: 173646

Ion Ratio Lower Upper

77 100

105 95.1 58.7 98.7

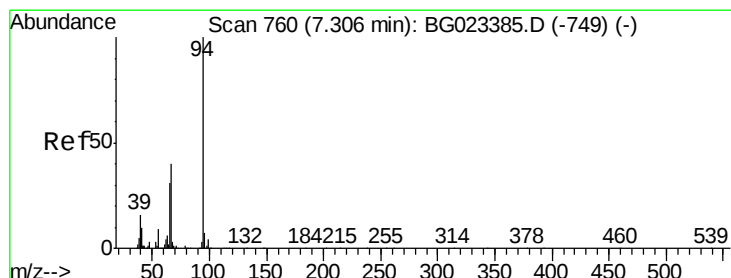
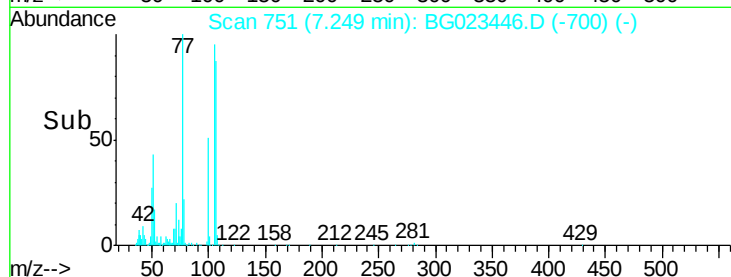
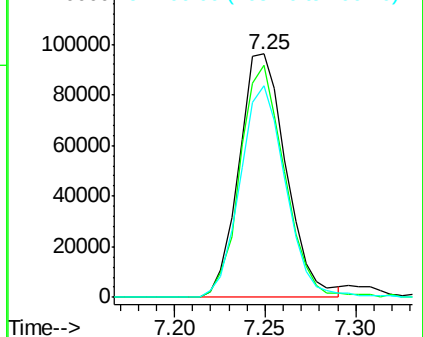
106 87.2 67.5 107.5



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: 49.48 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

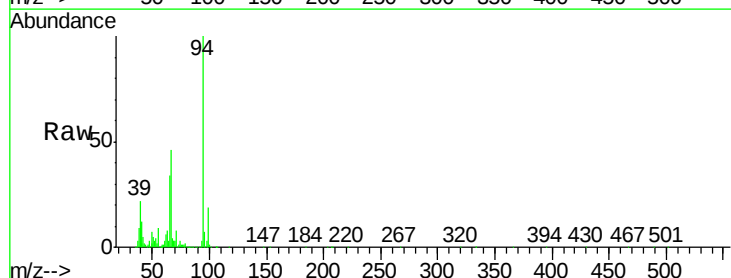
Tgt Ion: 94 Resp: 485615

Ion Ratio Lower Upper

94 100

65 34.2 18.1 58.1

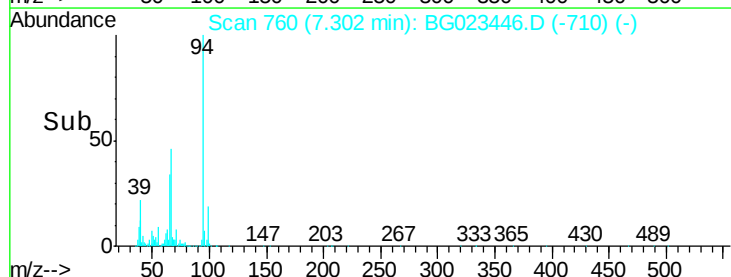
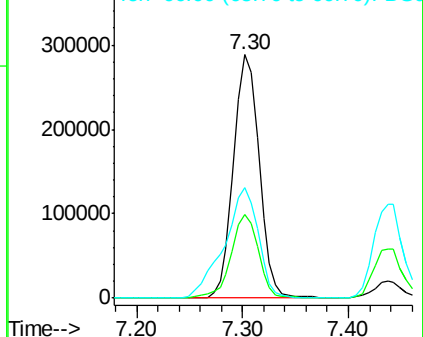
66 45.6 42.1 82.1

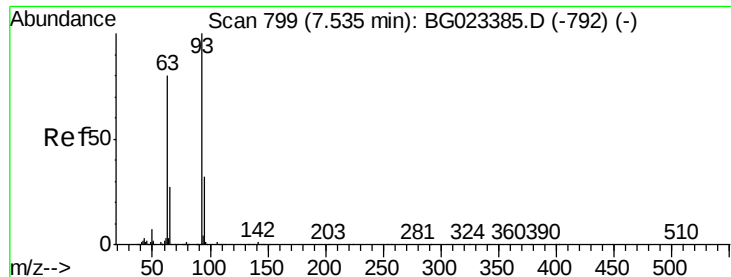


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

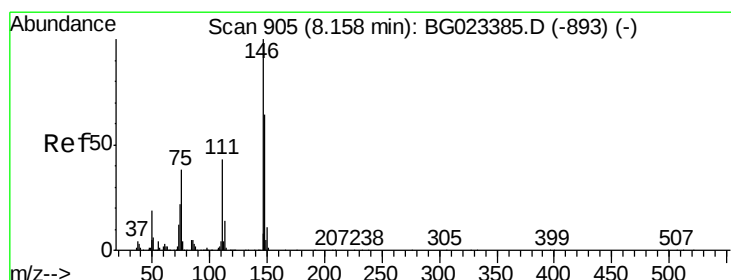
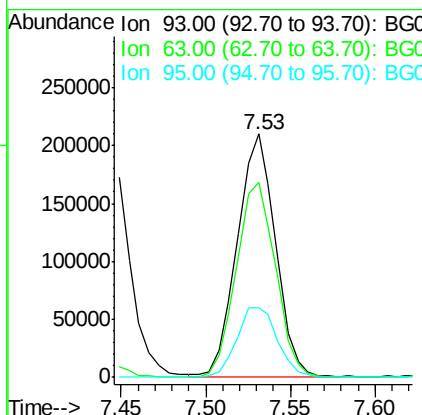
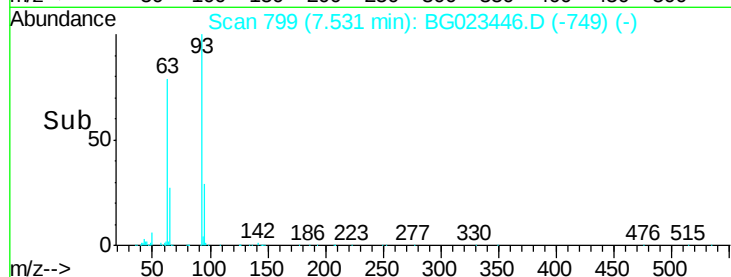
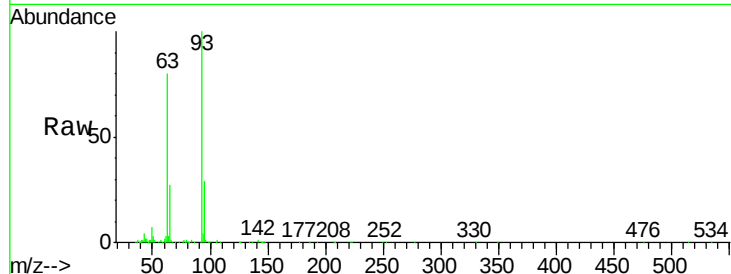




#11
bis(2-Chloroethyl)ether
Concen: 42.16 ng
RT: 7.53 min Scan# 799
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

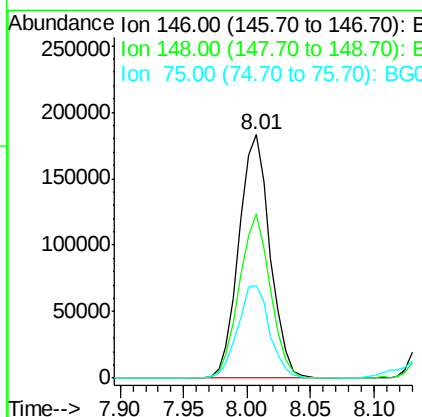
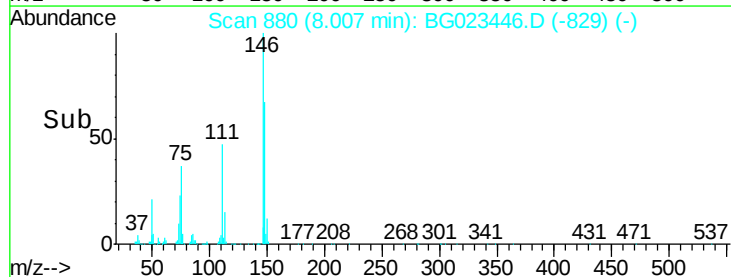
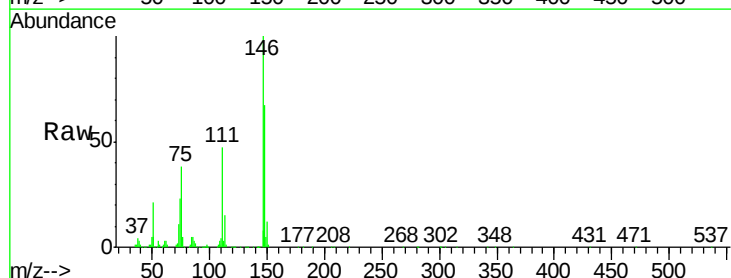
Instrument :
BNA_G
ClientSampled :
PB92660BS

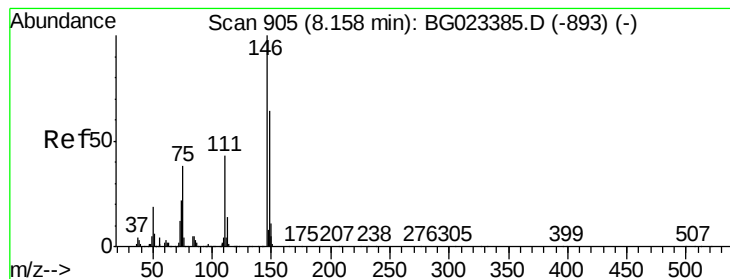
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.9	55.0	95.0
95	28.6	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 40.19 ng
RT: 8.01 min Scan# 880
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	50.3	75.5
75	38.1	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 41.74 ng

RT: 8.15 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampled :

PB92660BS

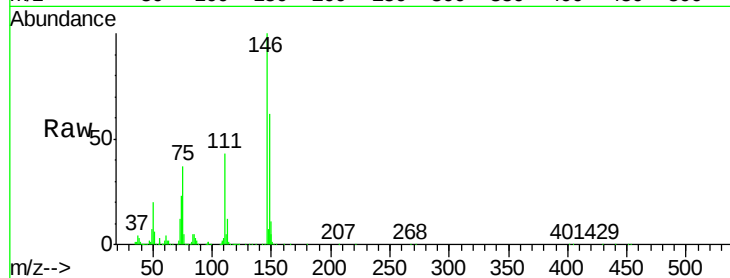
Tot Ion:146 Resp: 331054

Ion Ratio Lower Upper

146 100

148 61.7 54.5 81.7

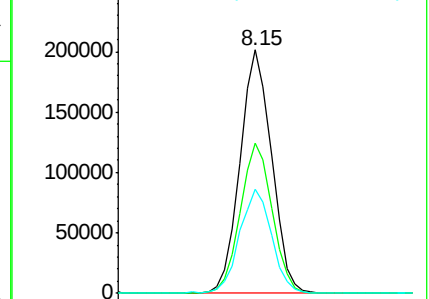
111 42.8 37.8 56.8



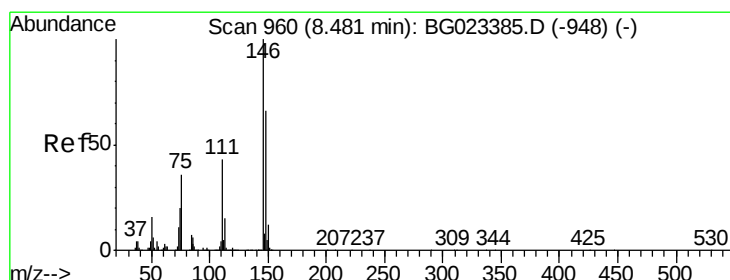
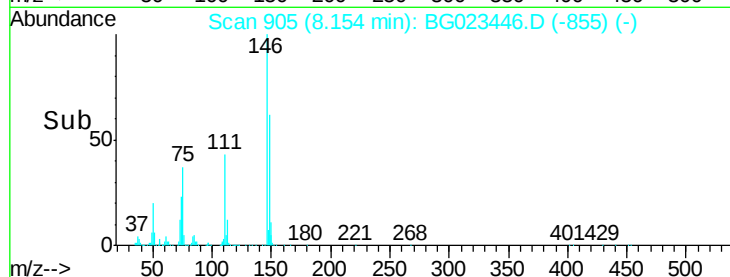
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->



#14

1,2-Dichlorobenzene

Concen: 41.27 ng

RT: 8.48 min Scan# 960

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

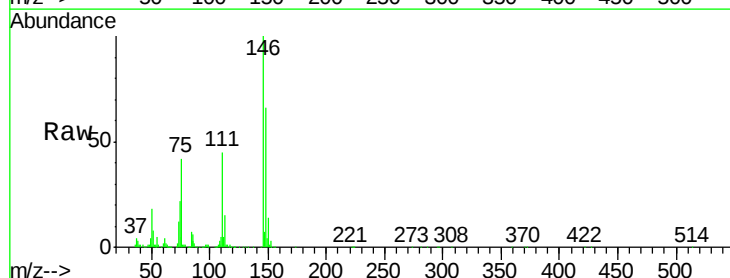
Tgt Ion:146 Resp: 321102

Ion Ratio Lower Upper

146 100

148 66.2 52.9 79.3

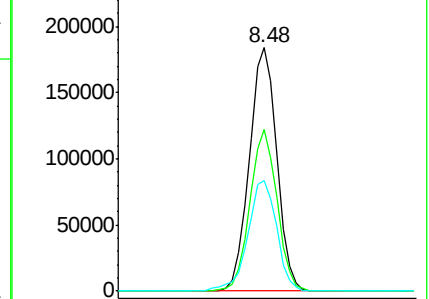
111 45.2 43.5 65.3



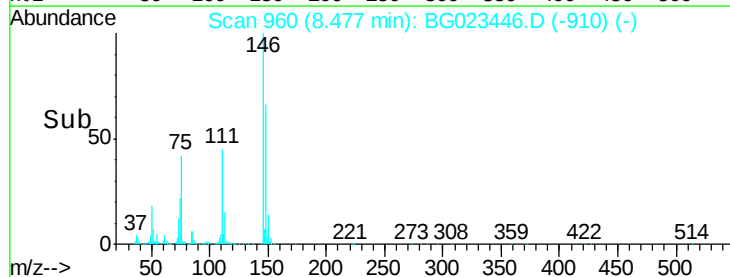
Abundance Ion 146.00 (145.70 to 146.70): E

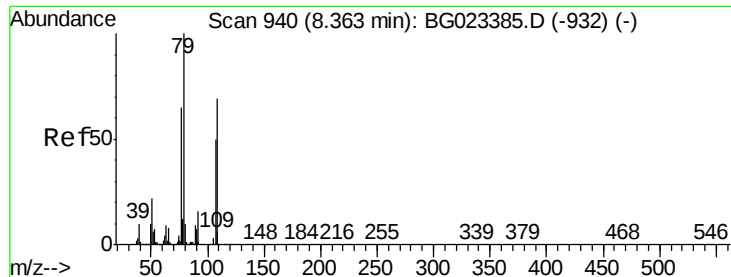
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->





#15

Benzyl Alcohol

Concen: 58.00 ng

RT: 8.36 min Scan# 940

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleID :

PB92660BS

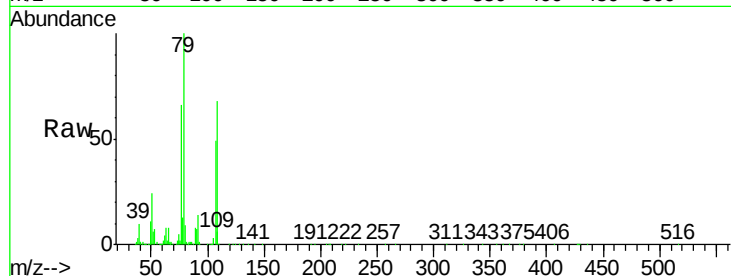
Tot Ion: 79 Resp: 403188

Ion Ratio Lower Upper

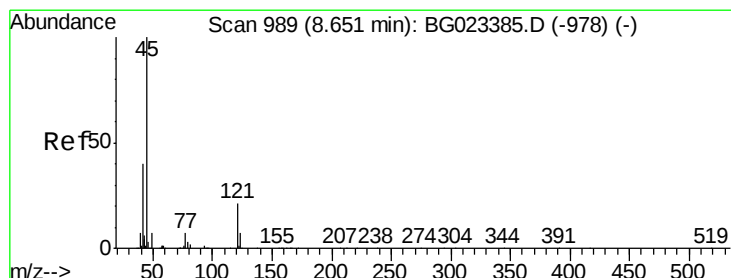
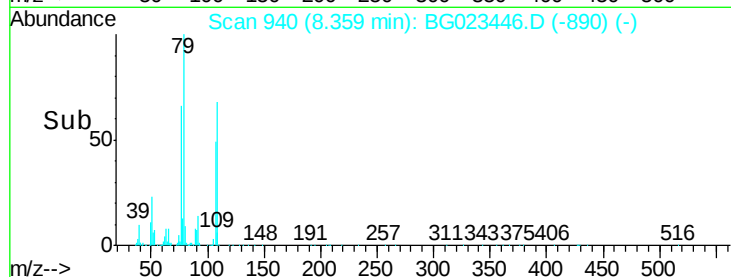
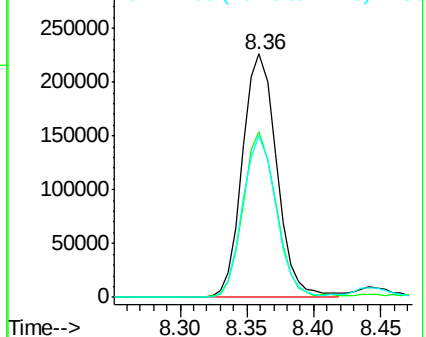
79 100

108 67.8 46.5 69.7

77 66.4 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: 38.51 ng

RT: 8.65 min Scan# 990

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

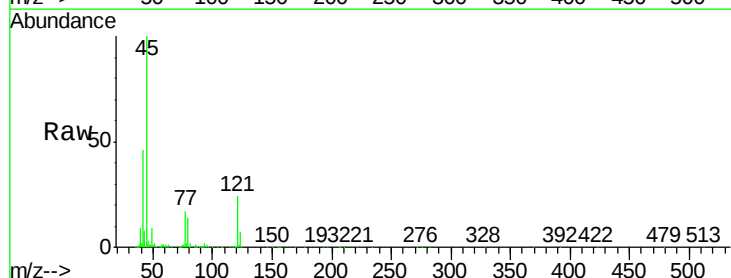
Tgt Ion: 45 Resp: 443460

Ion Ratio Lower Upper

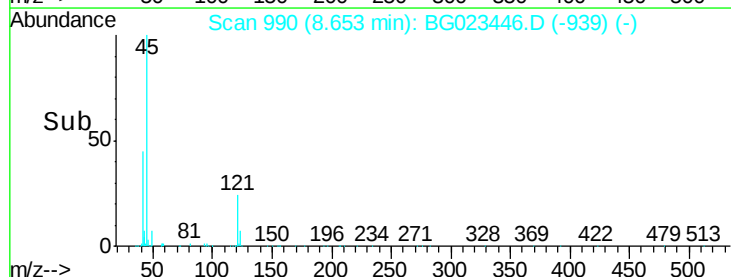
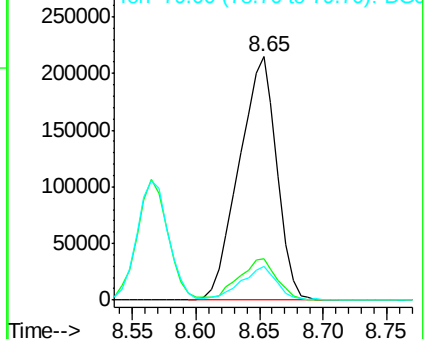
45 100

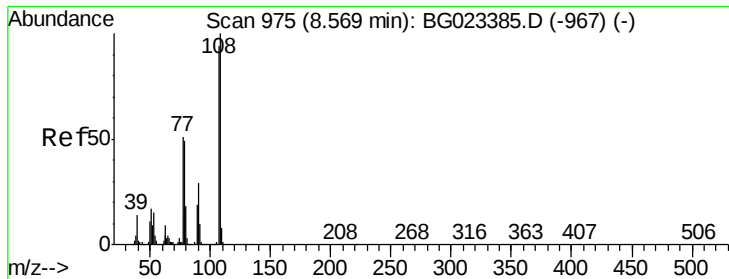
77 16.8 0.6 40.6

79 13.9 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: 49.68 ng

RT: 8.56 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

Tot Ion:107 Resp: 326915

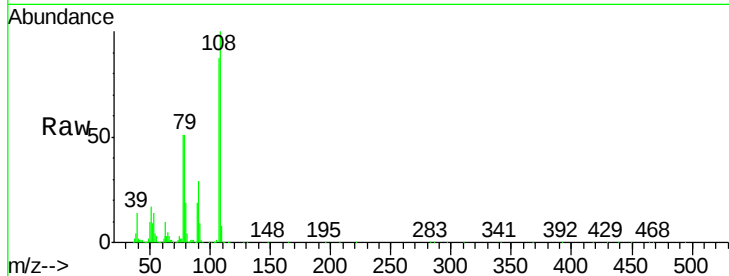
Ion Ratio Lower Upper

107 100

108 114.5 92.0 138.0

77 58.7 55.8 83.6

79 58.4 55.0 82.6

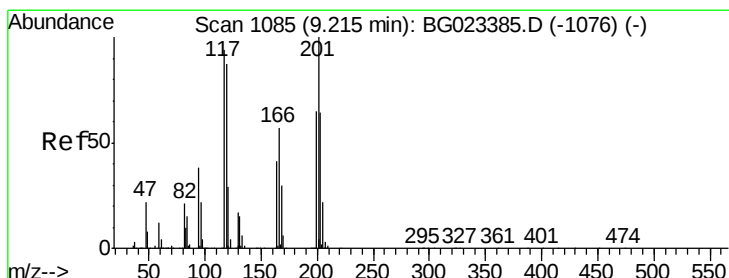
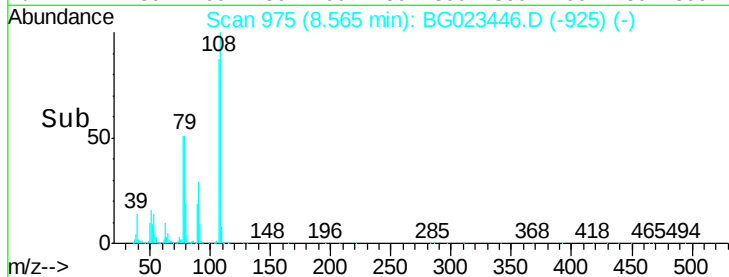
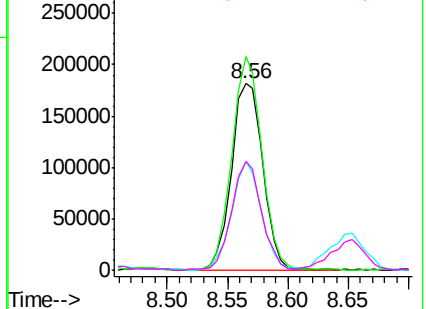


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.59 ng

RT: 9.21 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

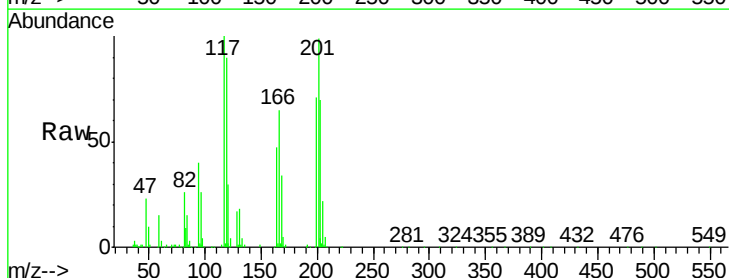
Tgt Ion:117 Resp: 124158

Ion Ratio Lower Upper

117 100

119 90.5 73.7 110.5

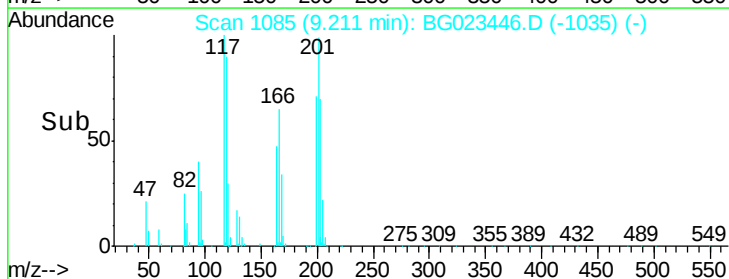
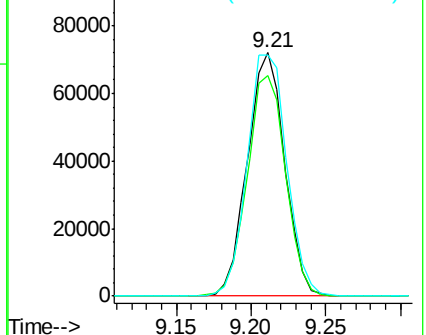
201 99.2 88.7 133.1

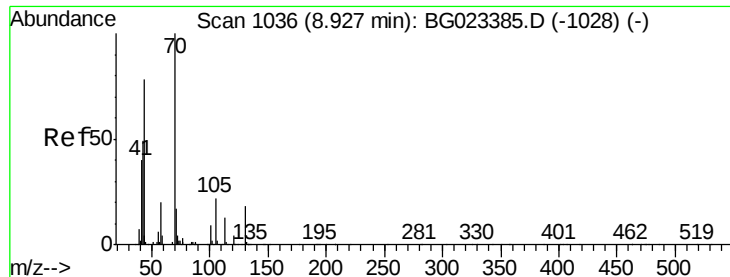


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

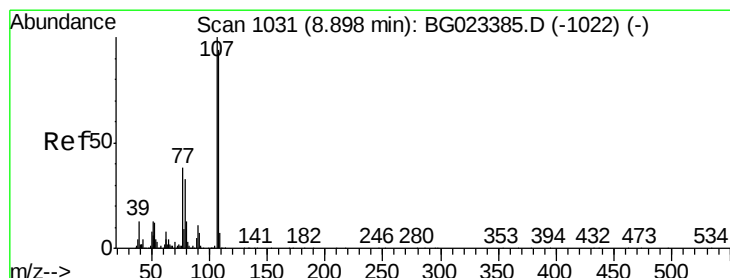
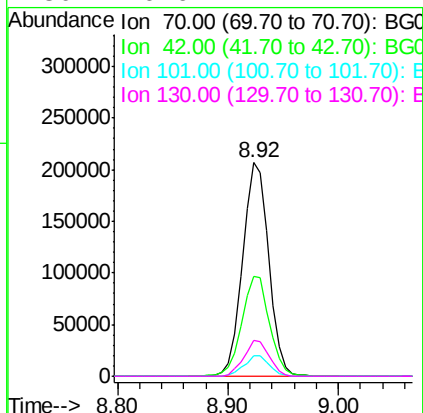
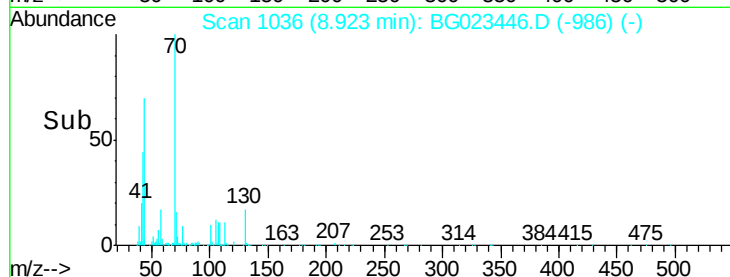
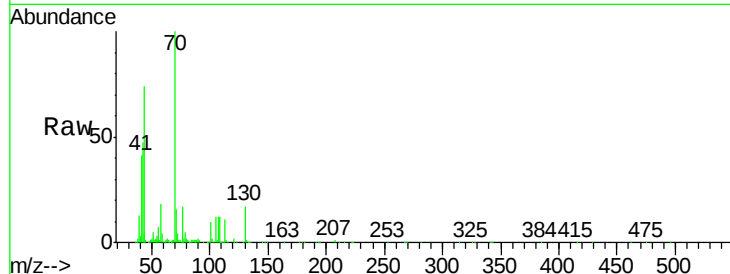




#19
n-Nitroso-di-n-propylamine
Concen: 43.42 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

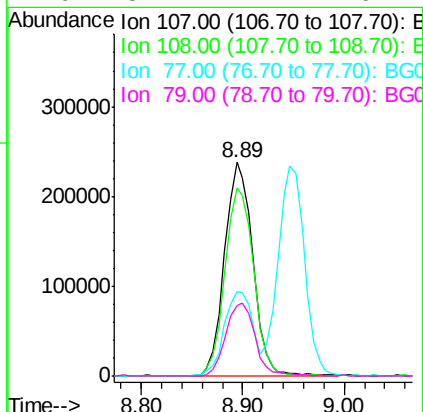
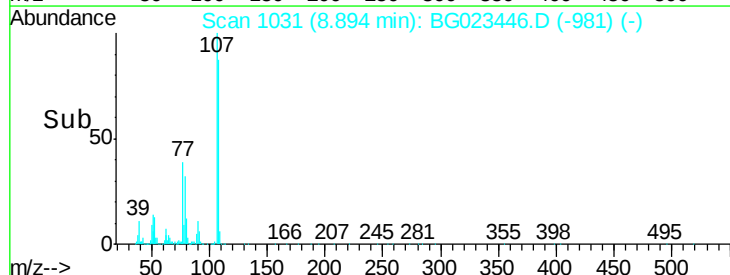
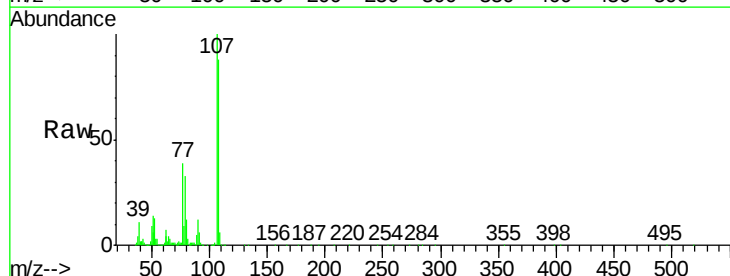
Instrument :
BNA_G
ClientSampleId :
PB92660BS

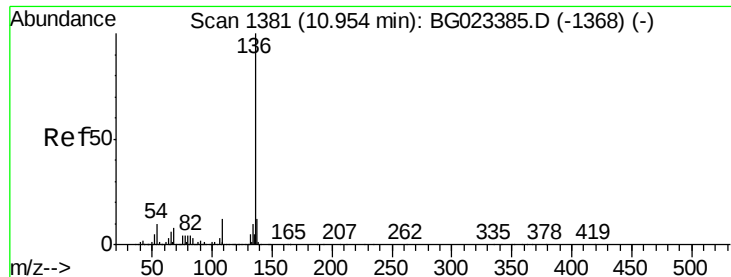
Tot Ion: 70 Resp: 342622
Ion Ratio Lower Upper
70 100
42 46.8 42.1 63.1
101 9.7 7.2 10.8
130 16.6 14.2 21.2



#20
3+4-Methylphenols
Concen: 49.43 ng
RT: 8.89 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion:107 Resp: 458523
Ion Ratio Lower Upper
107 100
108 87.8 72.5 112.5
77 39.4 30.1 70.1
79 32.7 24.2 64.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

Tot Ion:136 Resp: 481619

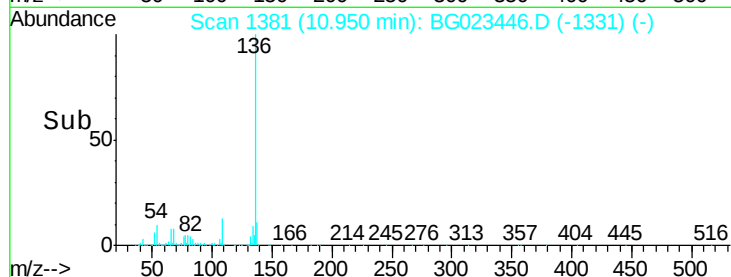
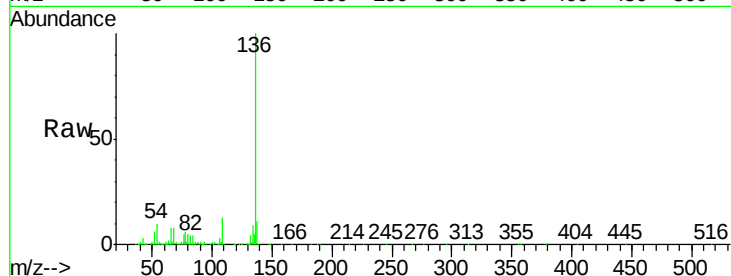
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 9.6 7.3 10.9

68 7.7 5.3 7.9

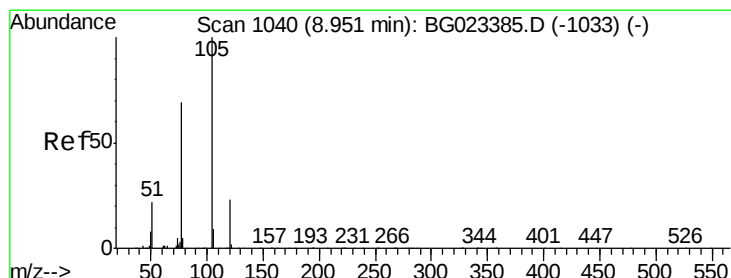
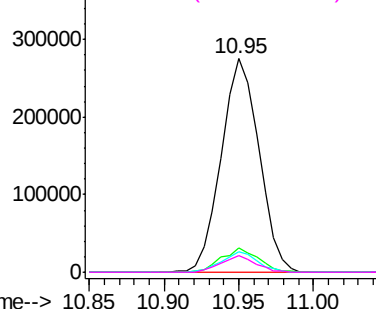


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.15 ng

RT: 8.95 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tgt Ion:105 Resp: 489932

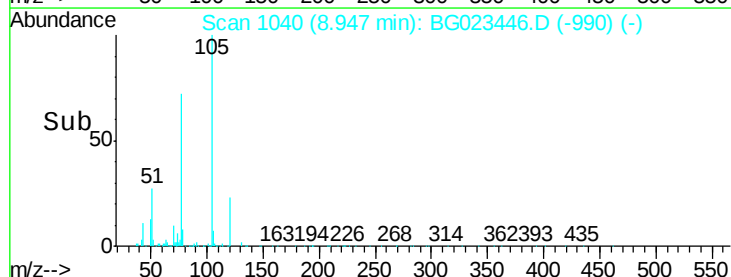
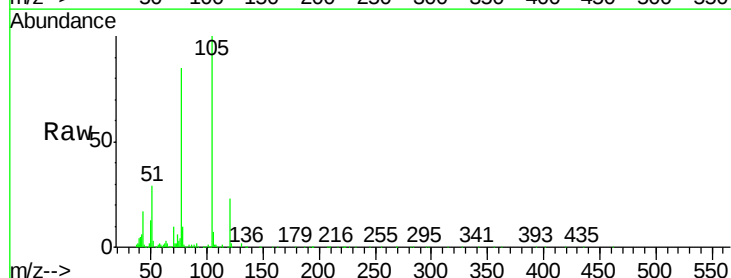
Ion Ratio Lower Upper

105 100

71 1.9 2.6 3.8#

51 29.1 27.1 40.7

120 22.7 15.1 22.7

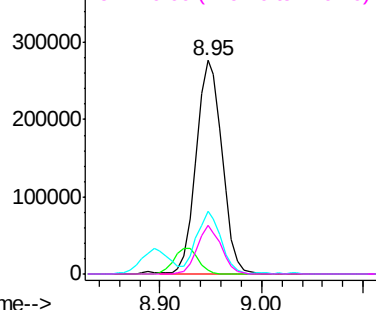


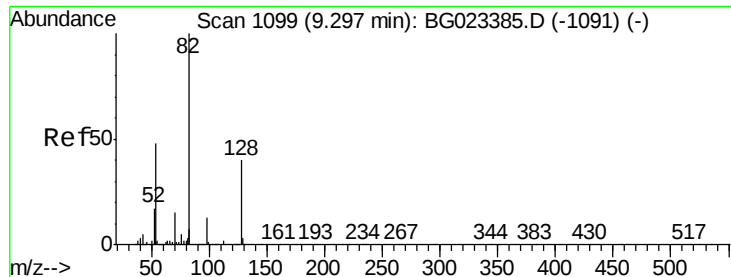
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

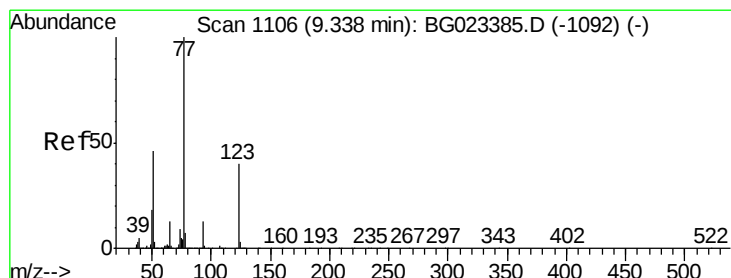
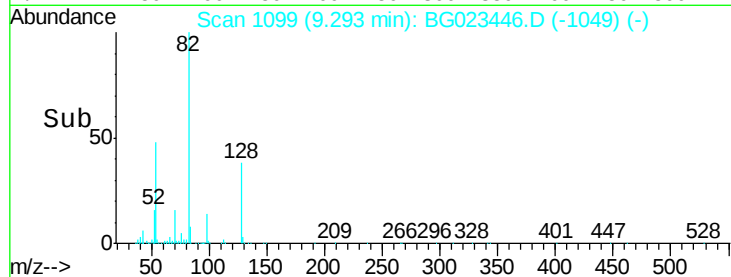
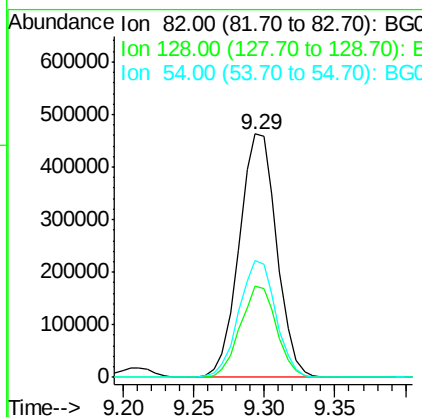
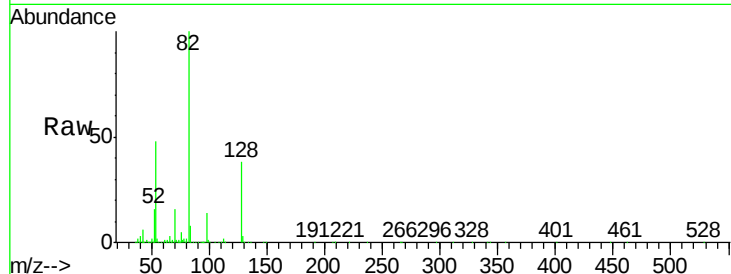




#23
 Nitrobenzene-d5
 Concen: 88.62 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

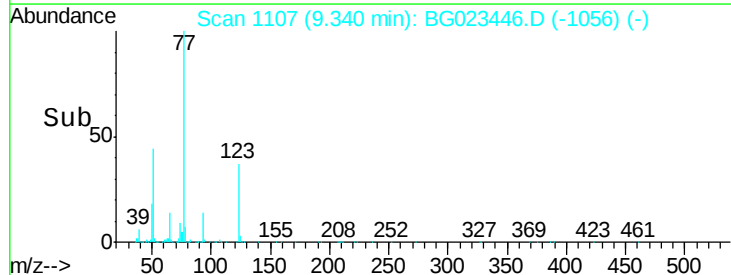
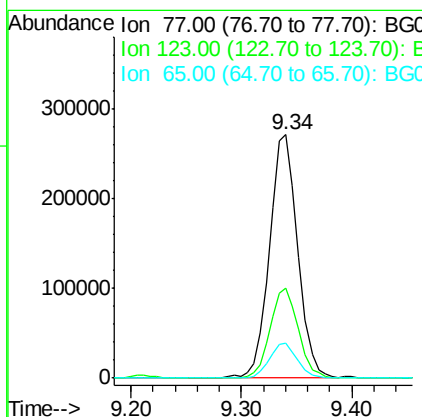
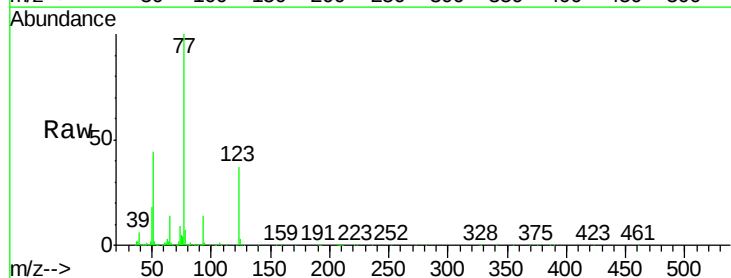
Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

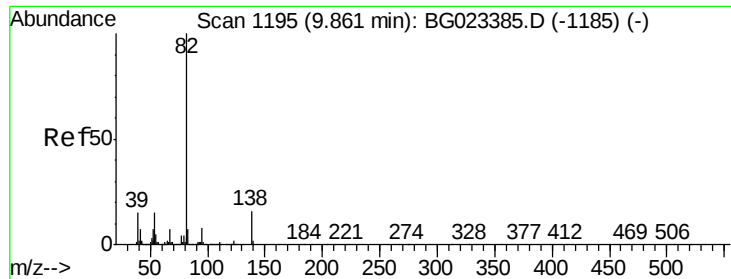
Tot Ion: 82 Resp: 858513
 Ion Ratio Lower Upper
 82 100
 128 37.7 24.4 36.6#
 54 47.8 41.4 62.0



#24
 Nitrobenzene
 Concen: 45.15 ng
 RT: 9.34 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion: 77 Resp: 484373
 Ion Ratio Lower Upper
 77 100
 123 37.0 25.0 37.6
 65 14.4 13.4 20.0





#25

Isophorone

Concen: 45.21 ng

RT: 9.86 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

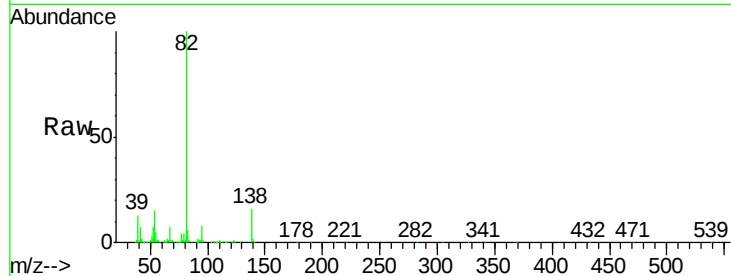
Tot Ion: 82 Resp: 912260

Ion Ratio Lower Upper

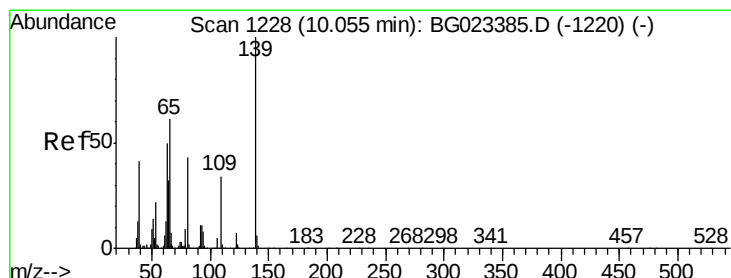
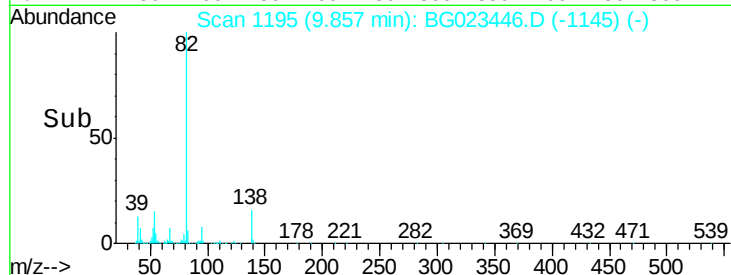
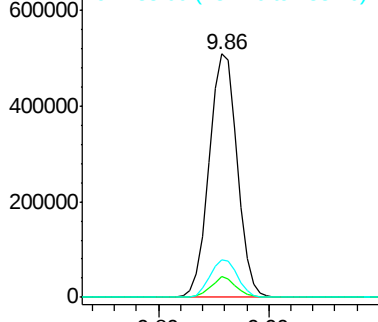
82 100

95 8.3 8.2 12.2

138 15.5 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: 44.94 ng

RT: 10.06 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

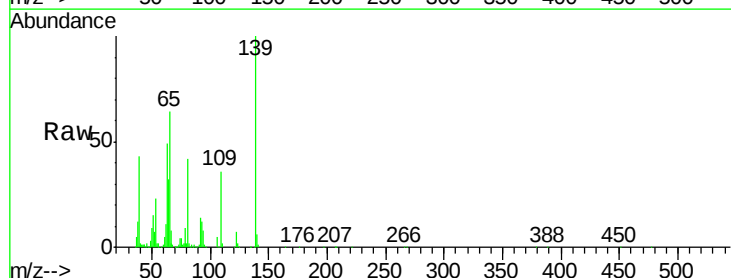
Tgt Ion: 139 Resp: 203458

Ion Ratio Lower Upper

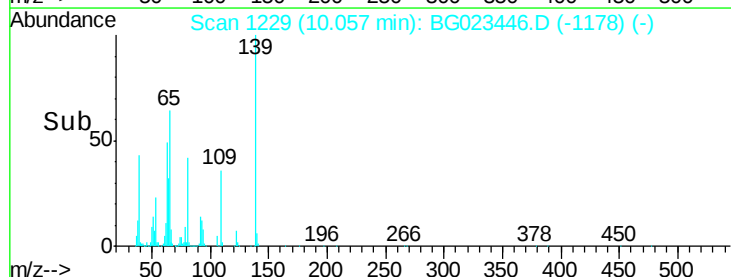
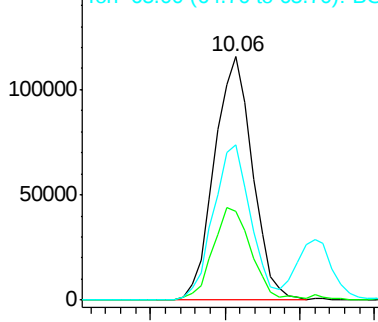
139 100

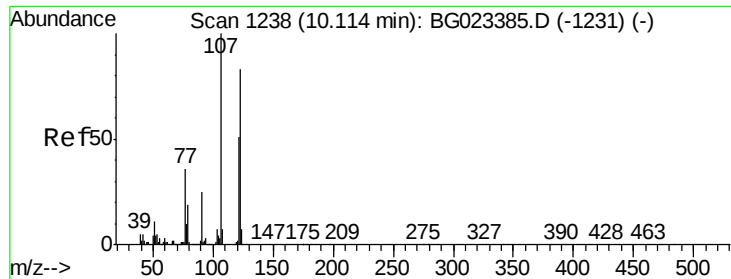
109 36.2 43.5 65.3#

65 63.6 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

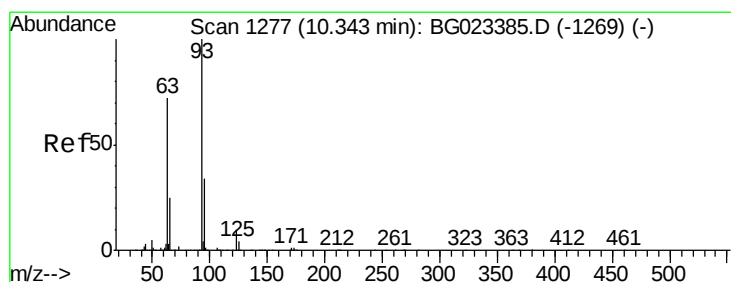
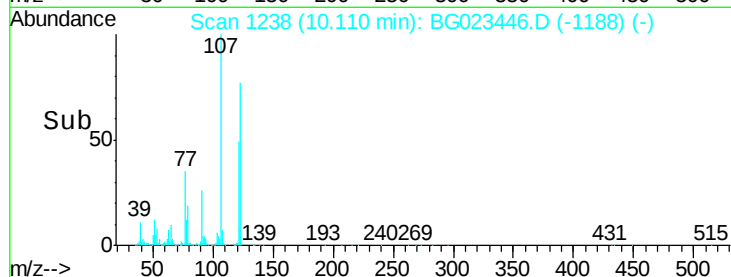
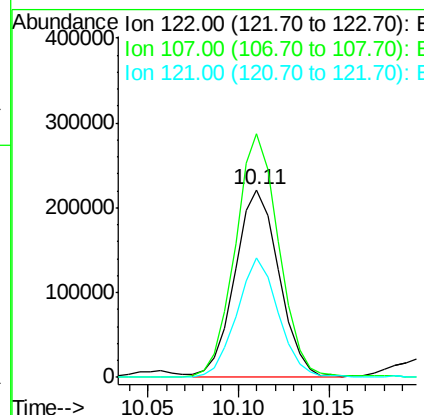
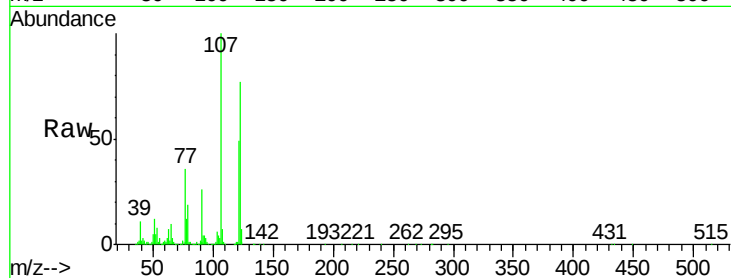




#27
 2,4-Dimethylphenol
 Concen: 48.10 ng
 RT: 10.11 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

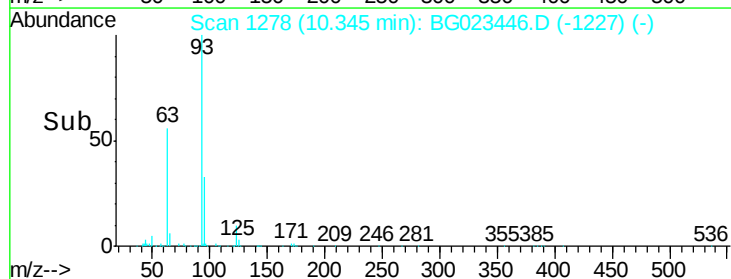
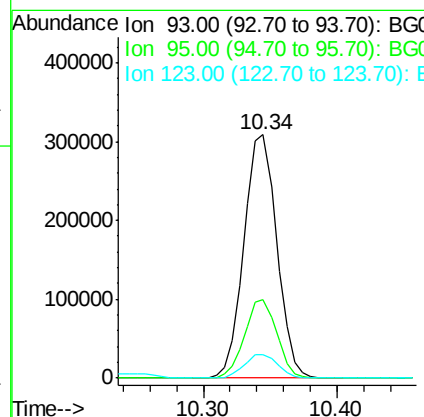
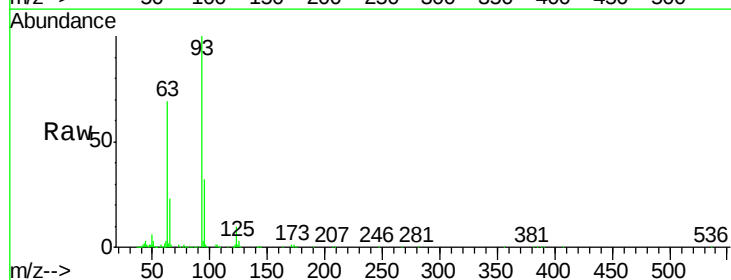
Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

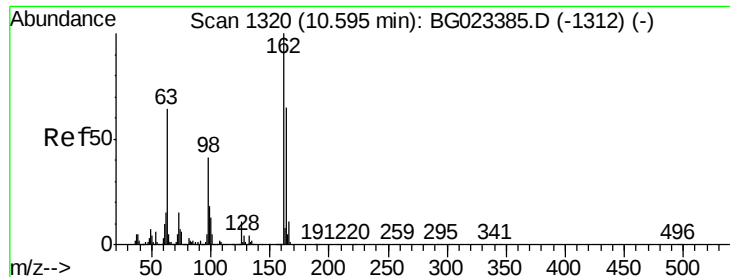
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.0	117.0	175.4
121	63.6	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.33 ng
 RT: 10.34 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.4	38.2
123	9.8	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 51.20 ng

RT: 10.60 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

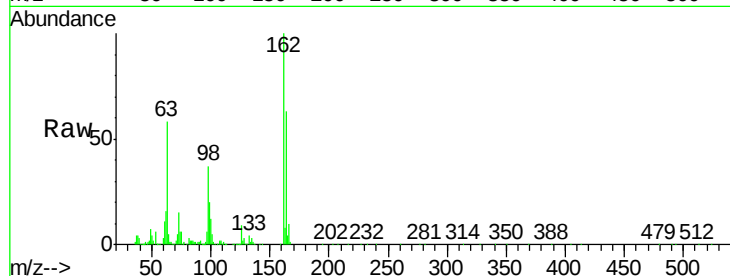
Tot Ion:162 Resp: 396872

Ion Ratio Lower Upper

162 100

164 62.6 44.3 84.3

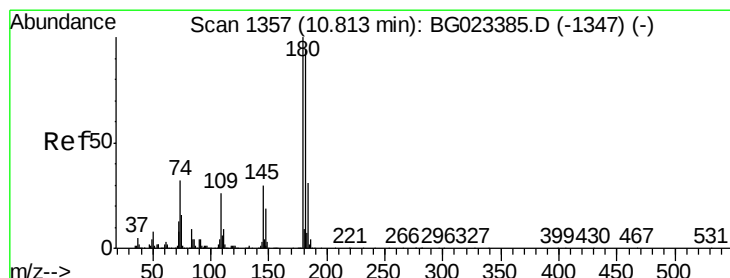
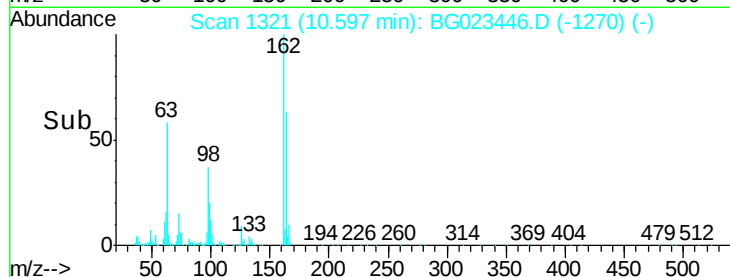
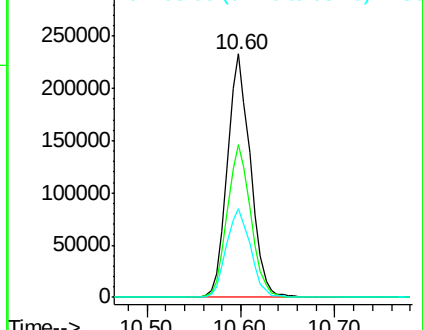
98 36.7 19.5 59.5



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



#30

1,2,4-Trichlorobenzene

Concen: 42.77 ng

RT: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

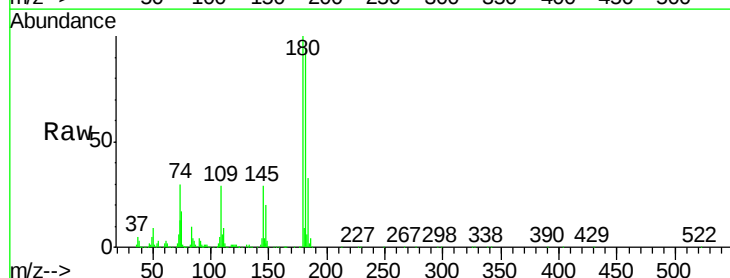
Tgt Ion:180 Resp: 357580

Ion Ratio Lower Upper

180 100

182 93.8 73.8 110.8

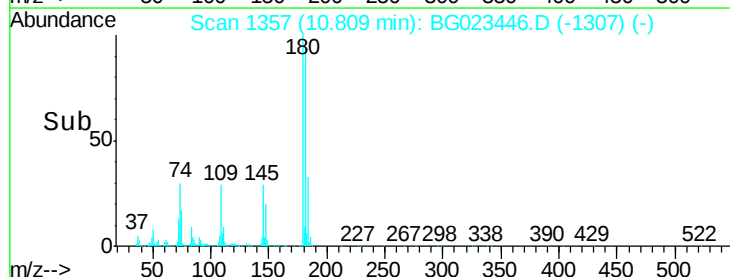
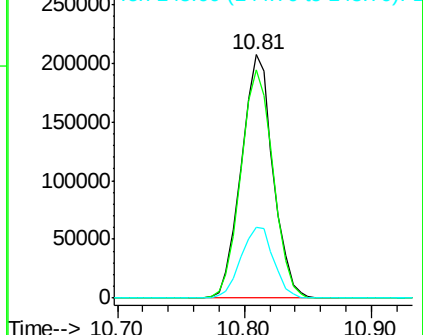
145 29.4 24.4 36.6

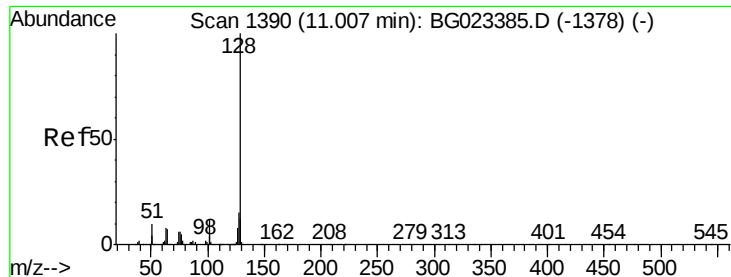


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

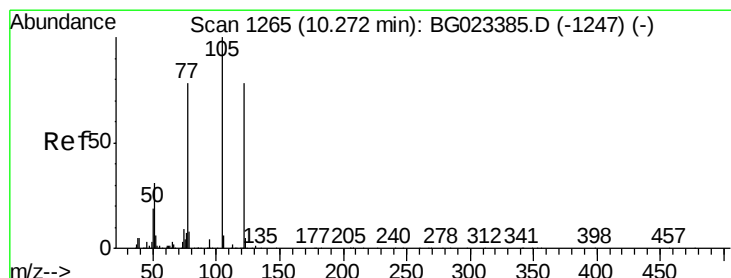
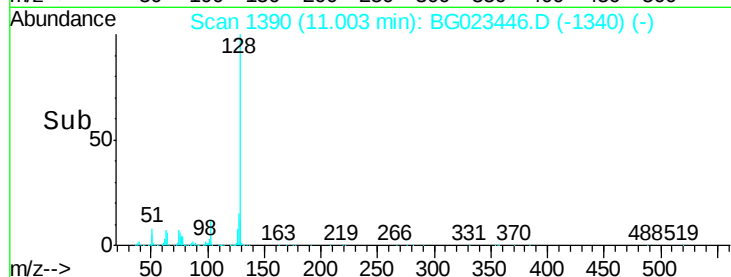
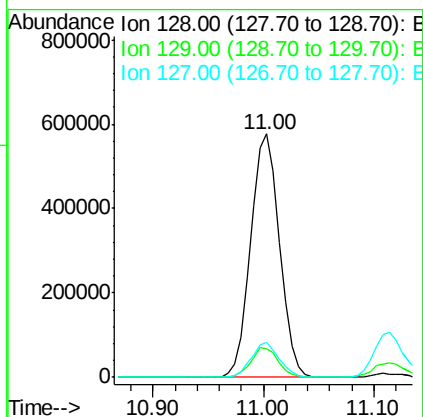
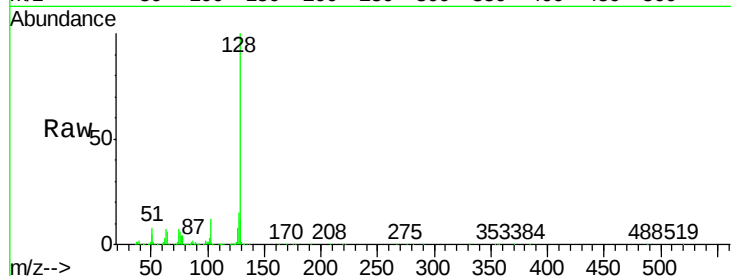




#31
Naphthalene
Concen: 43.08 ng
RT: 11.00 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

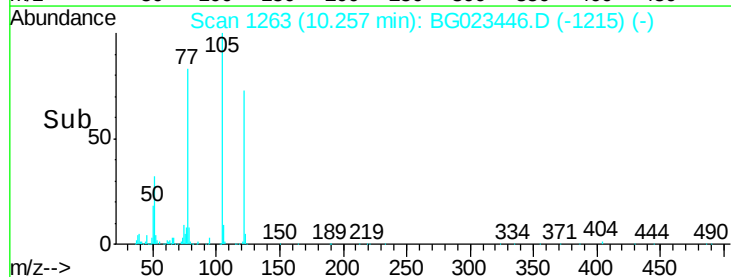
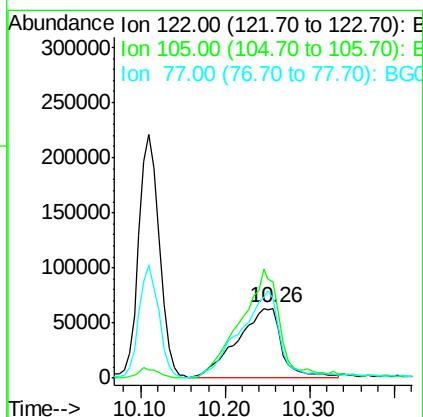
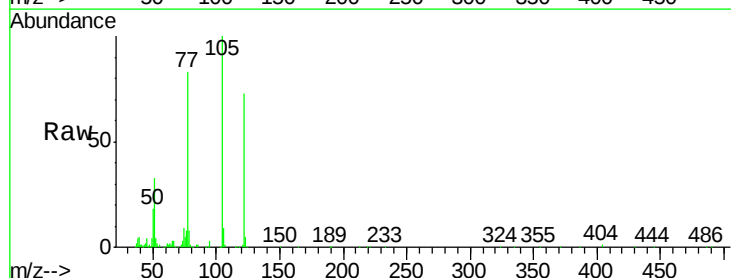
Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion:128 Resp: 1056493
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 14.5 11.3 16.9



#32
Benzoic acid
Concen: 34.16 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion:122 Resp: 227193
Ion Ratio Lower Upper
122 100
105 137.4 117.2 157.2
77 113.9 109.2 149.2

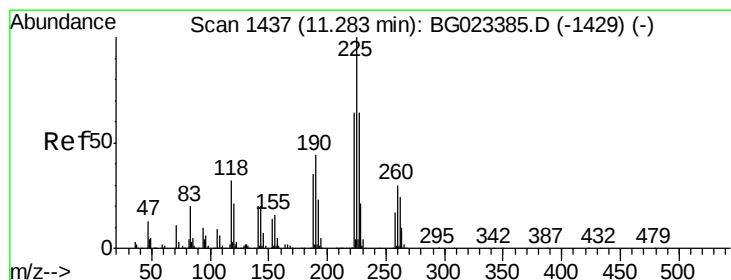
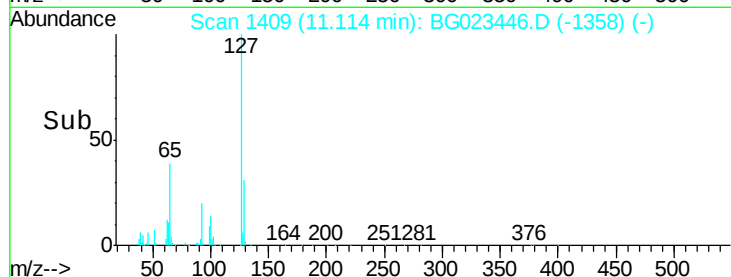
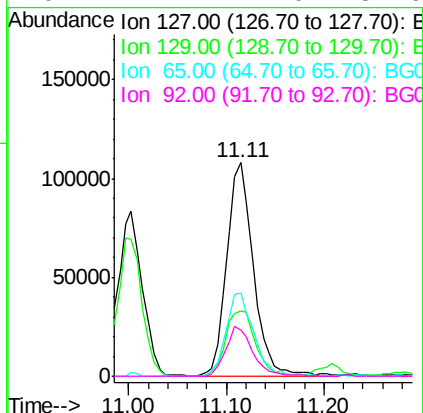
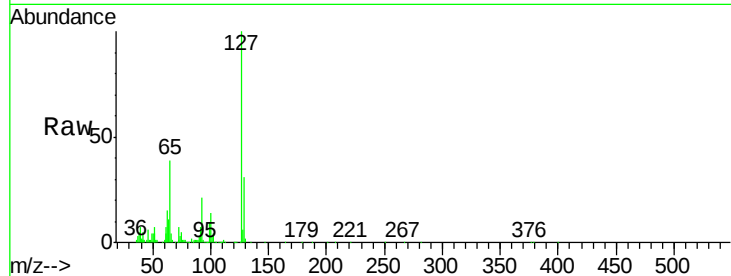




#33
4-Chloroaniline
Concen: 17.45 ng
RT: 11.11 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

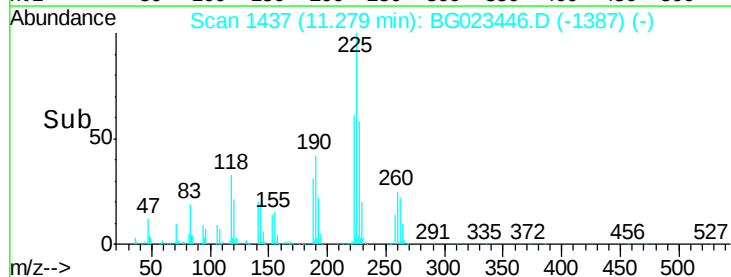
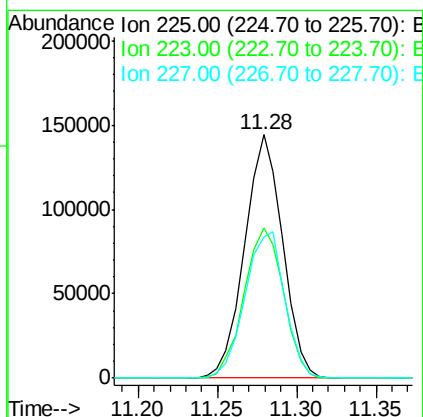
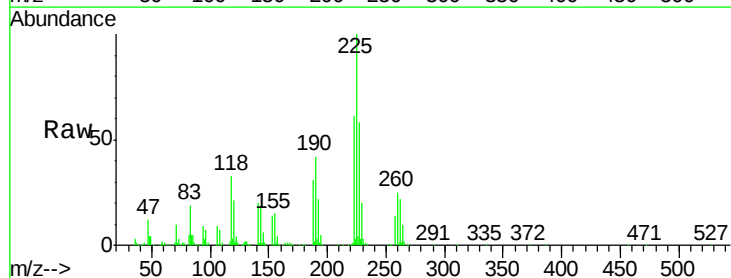
Instrument :
BNA_G
ClientSampleId :
PB92660BS

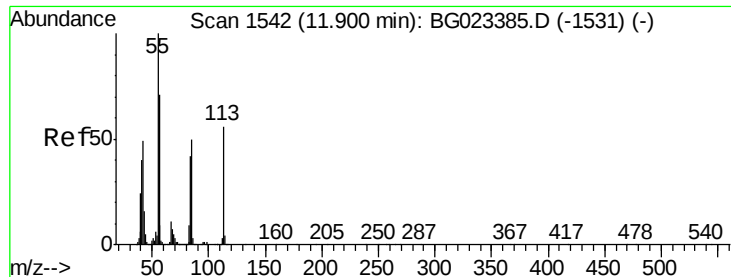
Tot Ion:	127	Resp:	204544
Ion	Ratio	Lower	Upper
127	100		
129	30.9	27.9	41.9
65	39.2	36.8	55.2
92	21.4	21.0	31.6



#34
Hexachlorobutadiene
Concen: 43.62 ng
RT: 11.28 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion:	225	Resp:	239852
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.6	74.4
227	57.8	54.5	81.7





#35

Caprolactam

Concen: 32.54 ng

RT: 11.90 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

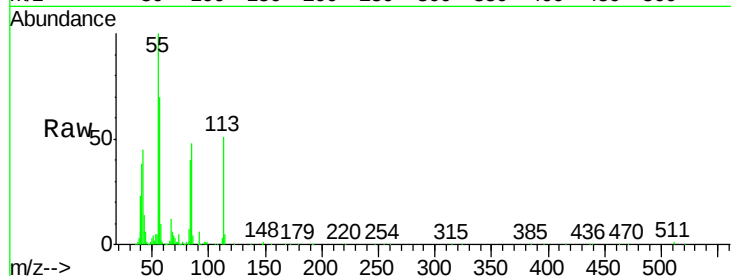
Tot Ion:113 Resp: 106131

Ion Ratio Lower Upper

113 100

55 194.5 154.5 194.5

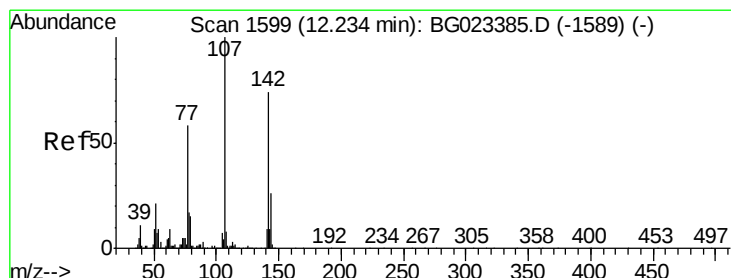
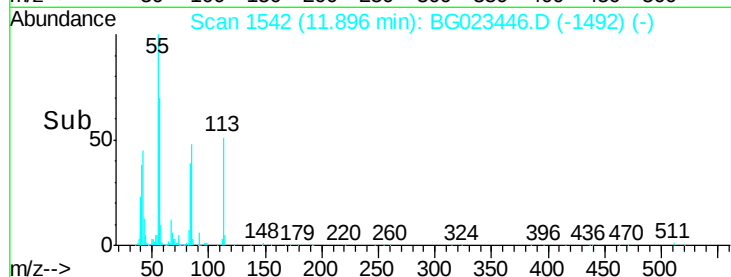
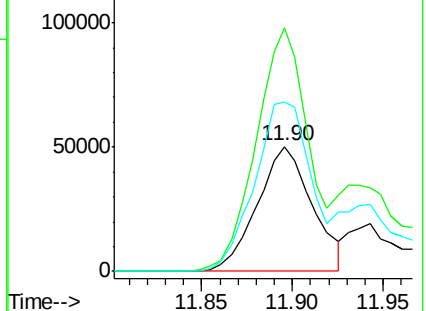
56 135.7 125.1 165.1



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: 50.48 ng

RT: 12.24 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

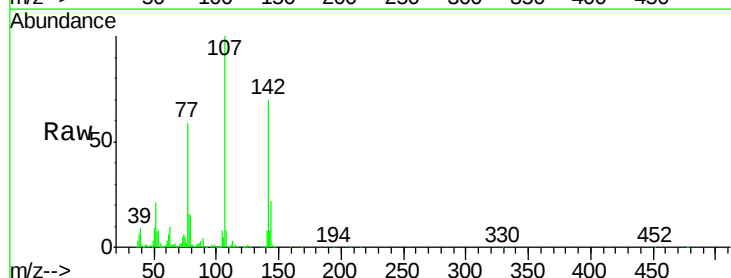
Tgt Ion:107 Resp: 514123

Ion Ratio Lower Upper

107 100

144 21.8 17.0 25.6

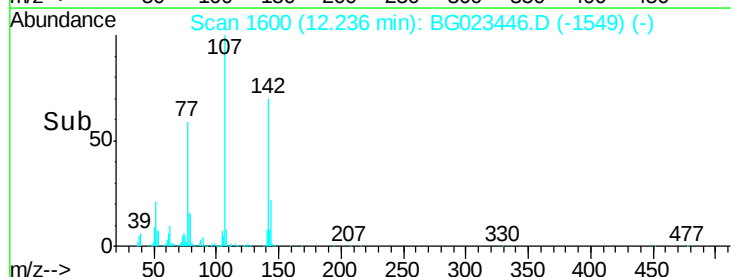
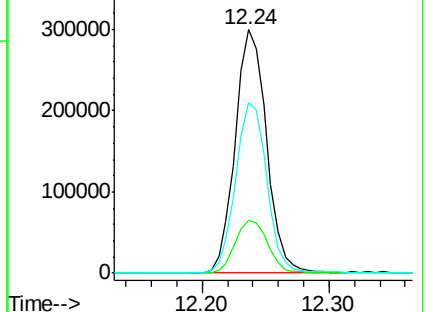
142 69.9 53.0 79.6

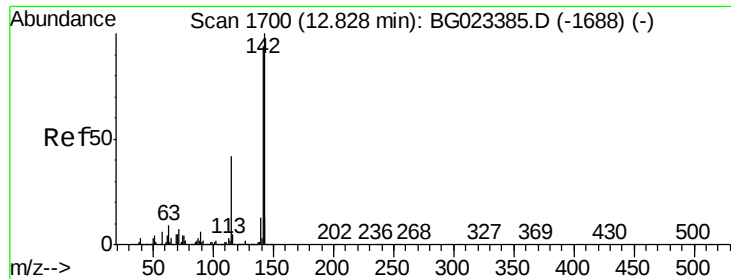


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

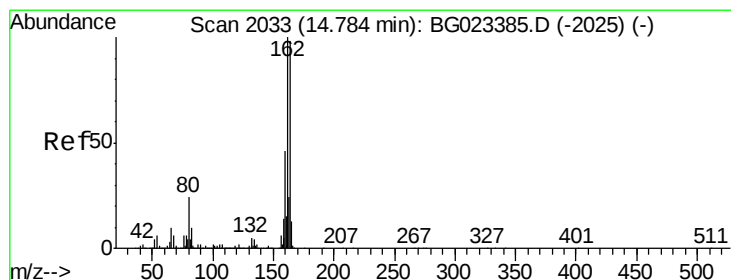
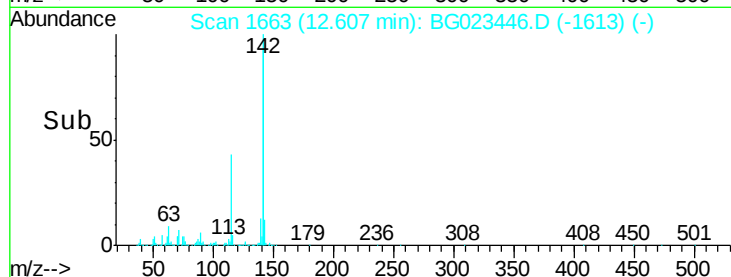
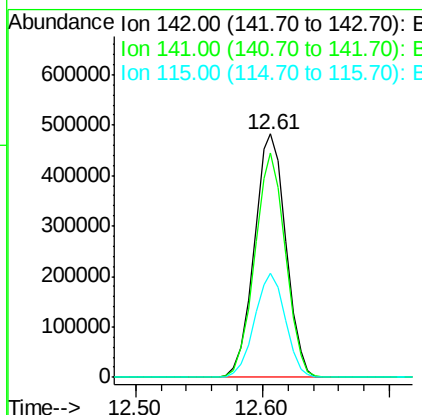
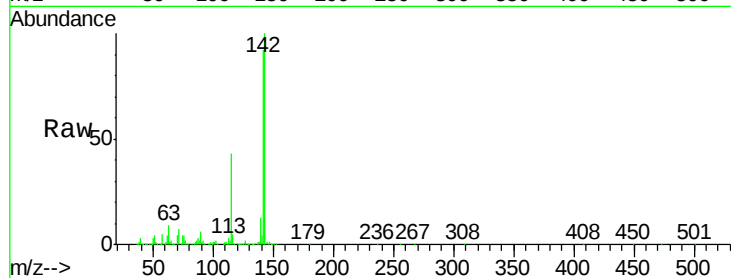




#37
2-Methylnaphthalene
Concen: 44.72 ng
RT: 12.61 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

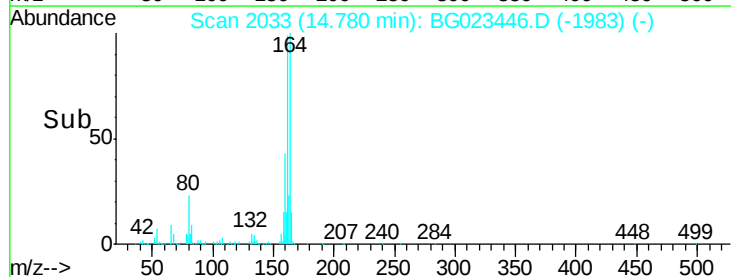
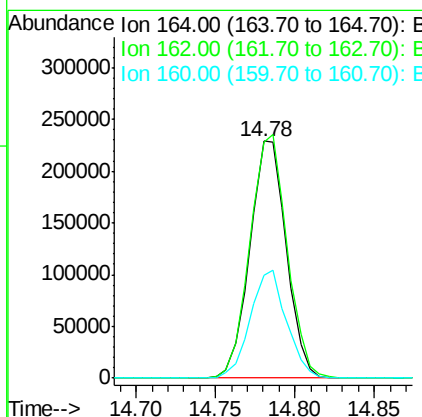
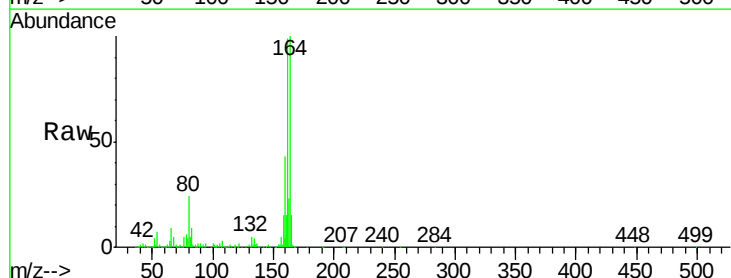
Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion:142 Resp: 833893
Ion Ratio Lower Upper
142 100
141 92.4 70.2 105.2
115 42.6 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion:164 Resp: 366373
Ion Ratio Lower Upper
164 100
162 99.4 87.7 131.5
160 43.3 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.42 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

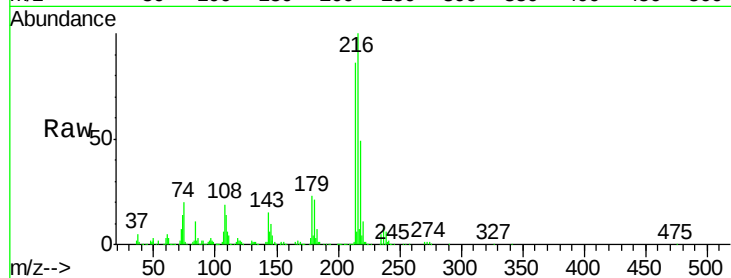
BNA_G

ClientSampleId :

PB92660BS

Tot Ion:216 Resp: 417384

Ion	Ratio	Lower	Upper
216	100		
214	81.5	62.9	94.3
179	22.0	17.2	25.8
108	21.2	16.3	24.5

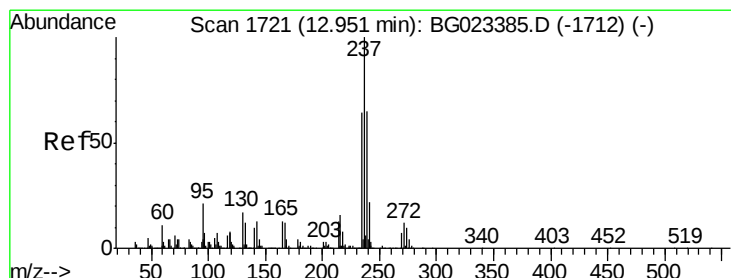
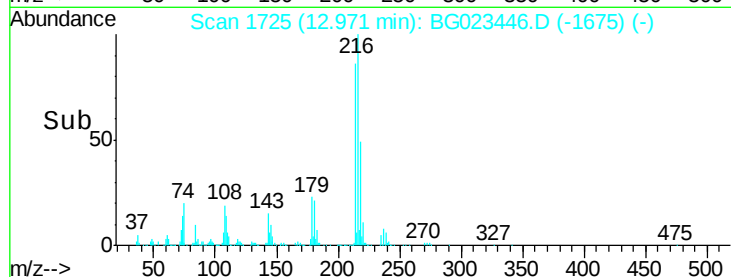


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.80 ng

RT: 12.95 min Scan# 1721

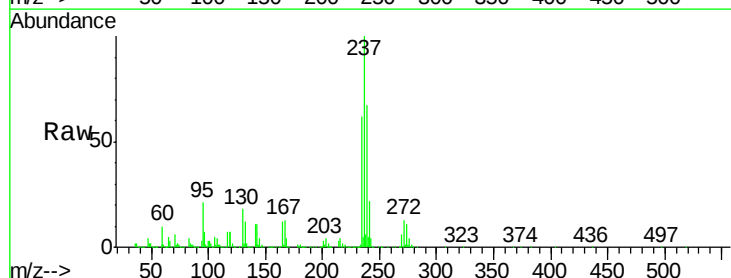
Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tgt Ion:237 Resp: 568146

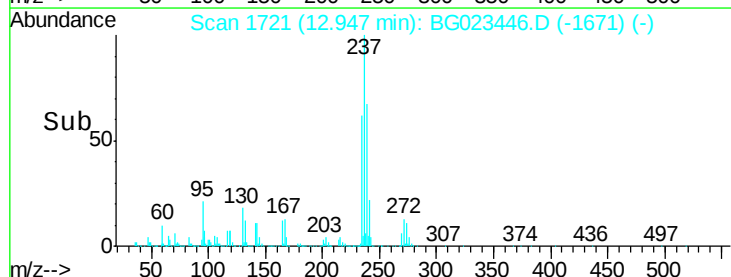
Ion	Ratio	Lower	Upper
237	100		
235	61.8	43.1	83.1
272	13.0	0.0	30.9

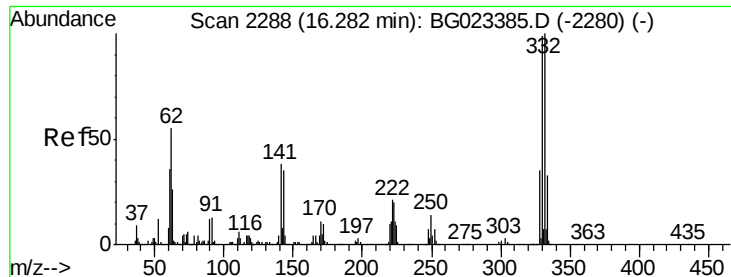


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

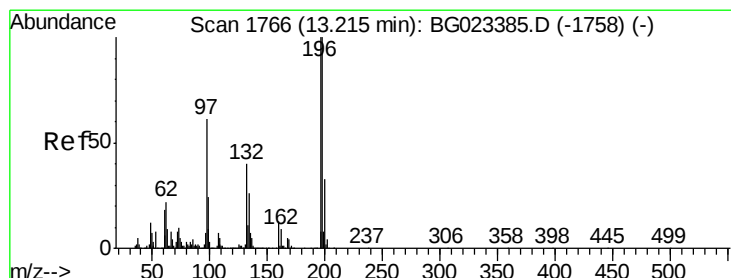
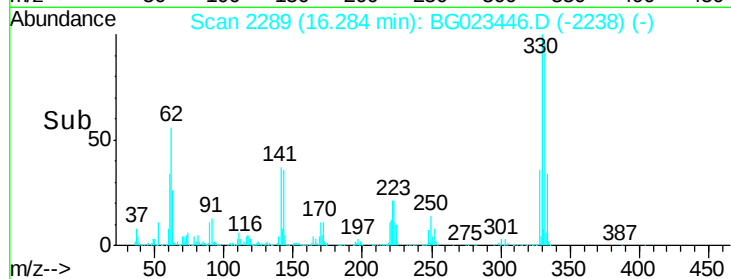
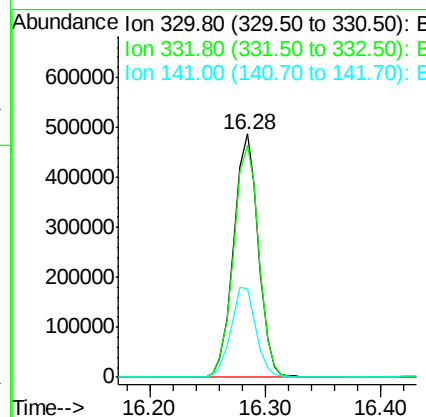
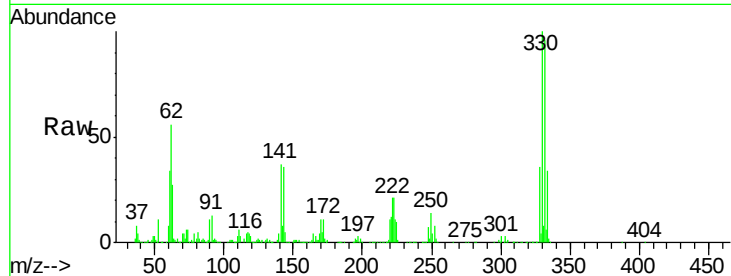




#41
 2,4,6-Tribromophenol
 Concen: 134.42 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

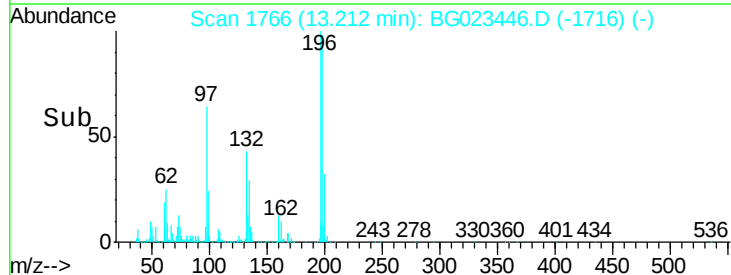
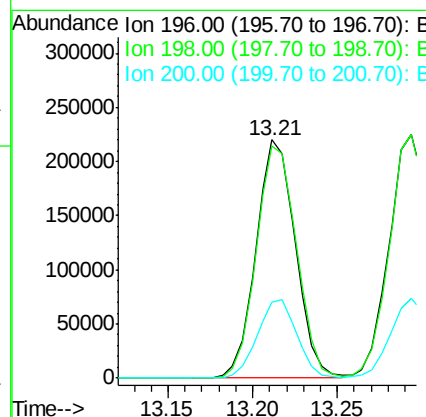
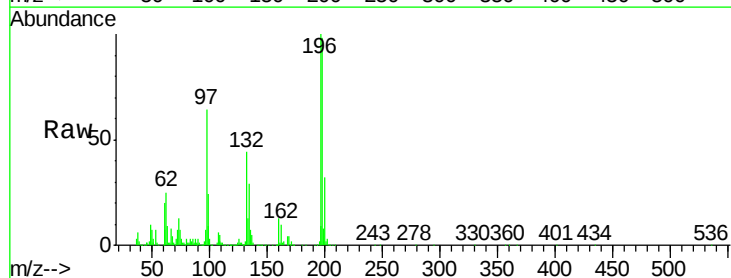
Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

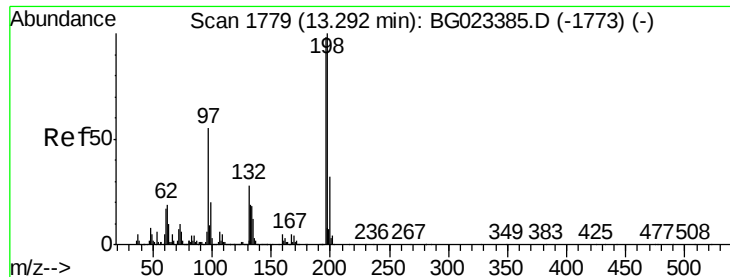
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	37.7	31.7	47.5



#42
 2,4,6-Trichlorophenol
 Concen: 44.93 ng
 RT: 13.21 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	78.2	117.2
200	31.9	27.0	40.4

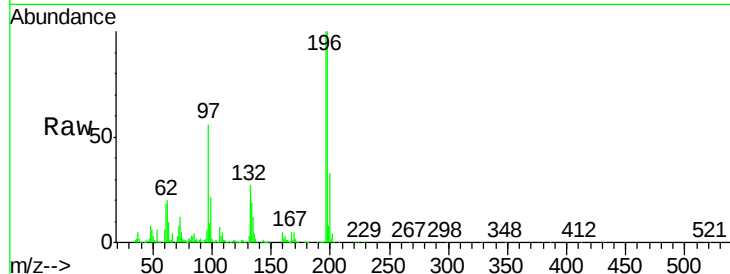




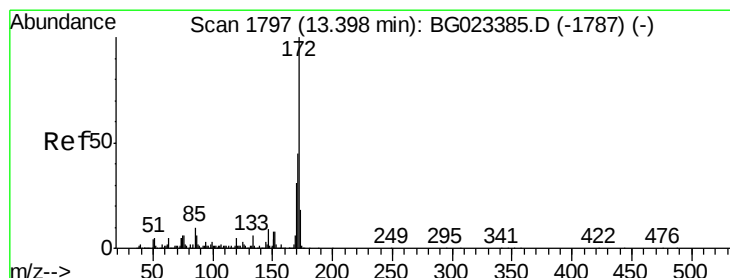
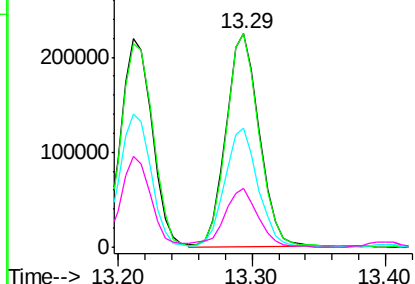
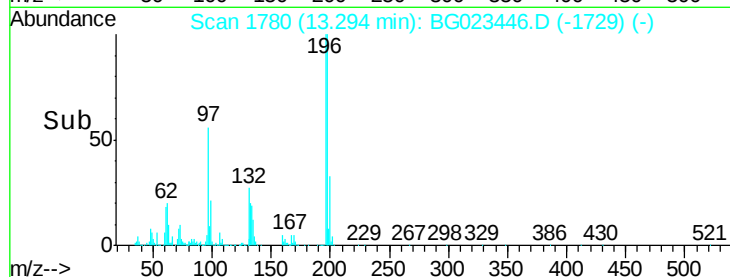
#43
2,4,5-Trichlorophenol
Concen: 47.84 ng
RT: 13.29 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion:196 Resp: 389762
Ion Ratio Lower Upper
196 100
198 100.1 85.7 128.5
97 55.9 45.5 68.3
132 27.4 18.9 28.3

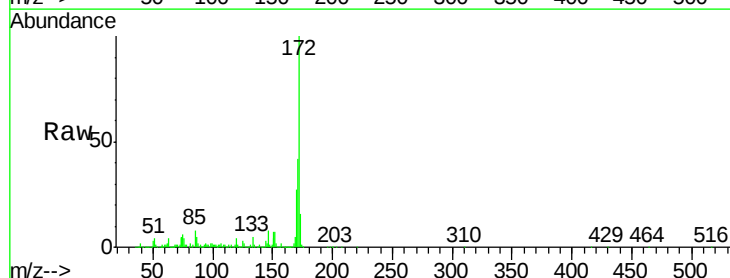


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

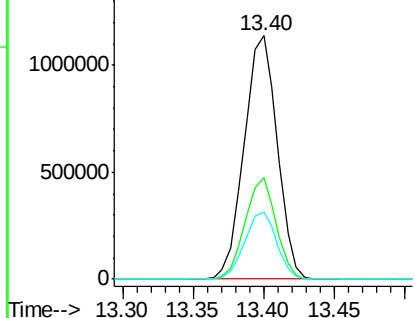
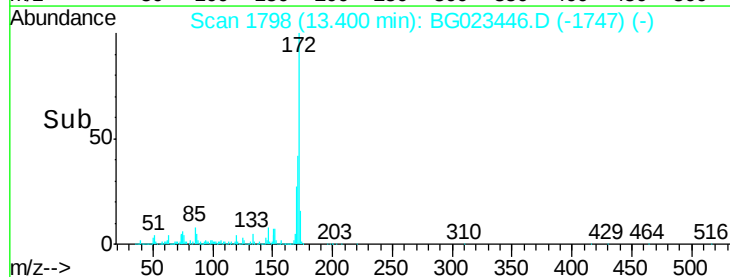


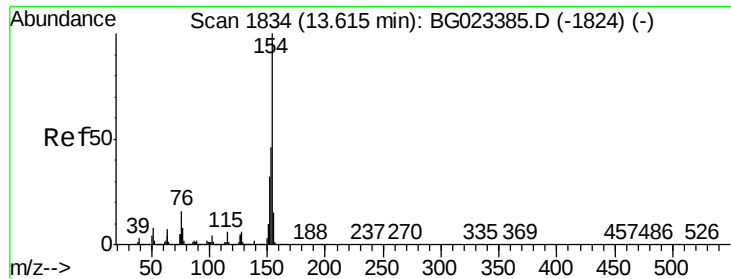
#44
2-Fluorobiphenyl
Concen: 85.83 ng
RT: 13.40 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion:172 Resp: 1864369
Ion Ratio Lower Upper
172 100
171 41.8 31.6 47.4
170 27.5 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.71 ng

RT: 13.61 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

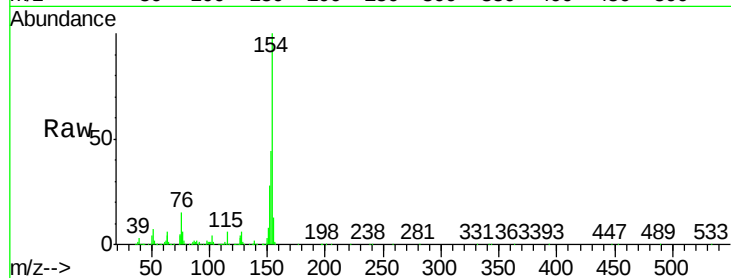
BNA_G

ClientSampleId :

PB92660BS

Tot Ion:154 Resp: 1056132

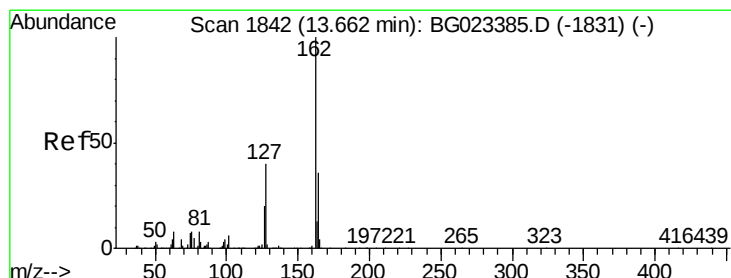
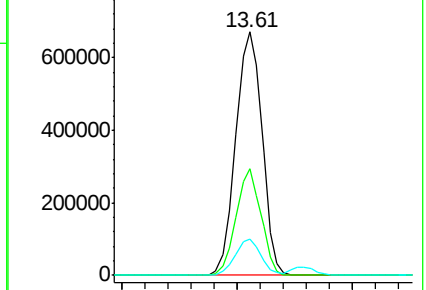
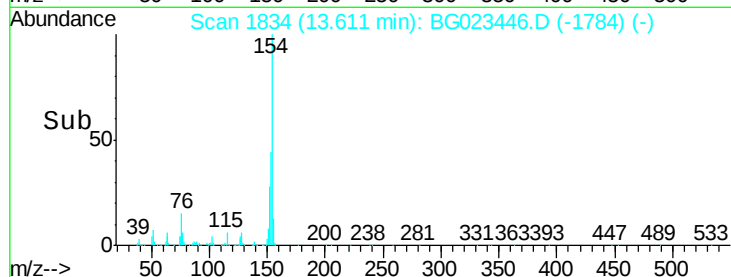
Ion	Ratio	Lower	Upper
154	100		
153	43.6	20.2	60.2
76	14.9	0.0	32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 42.40 ng

RT: 13.66 min Scan# 1842

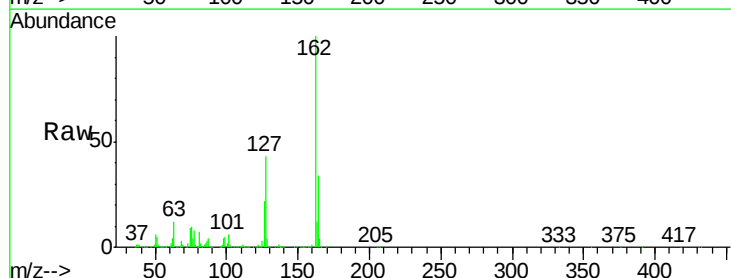
Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tgt Ion:162 Resp: 918747

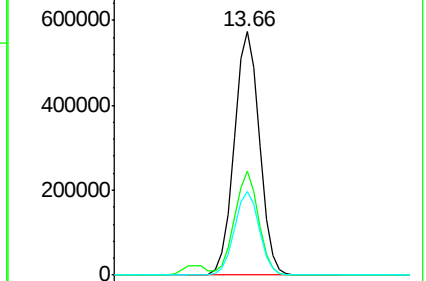
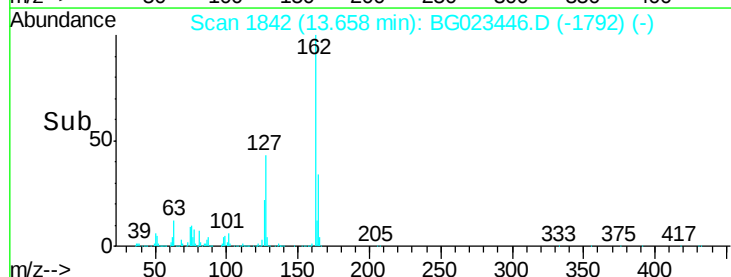
Ion	Ratio	Lower	Upper
162	100		
127	42.7	32.4	48.6
164	34.1	25.2	37.8

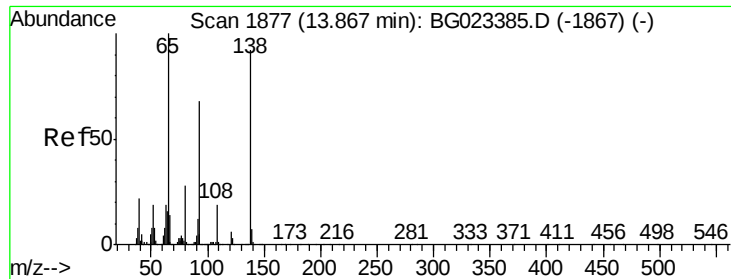


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

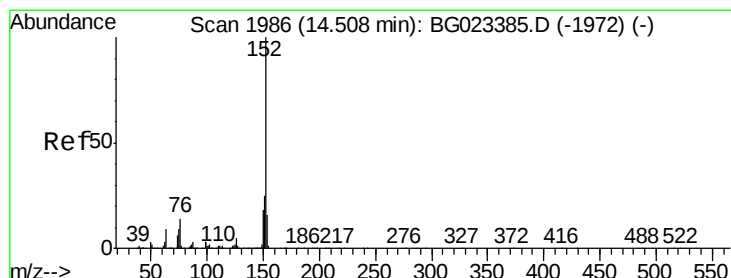
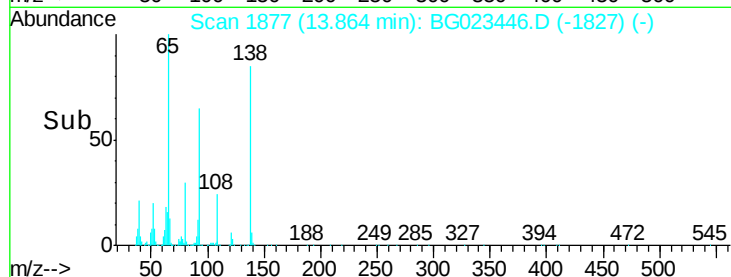
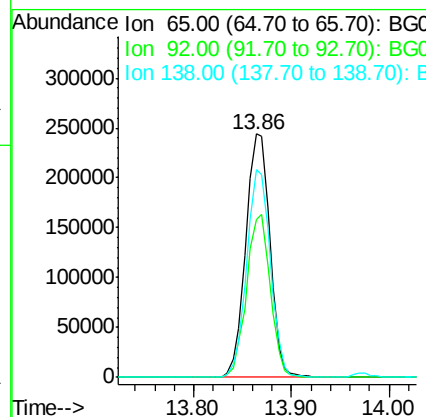
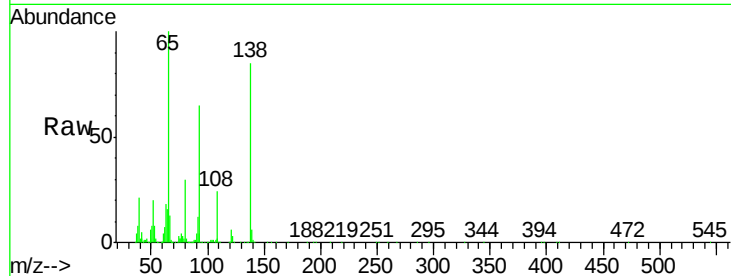




#47
2-Nitroaniline
Concen: 46.77 ng
RT: 13.86 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

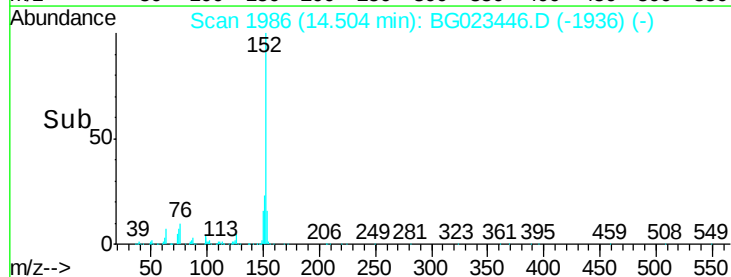
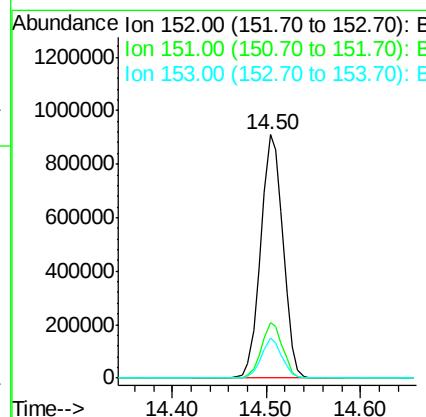
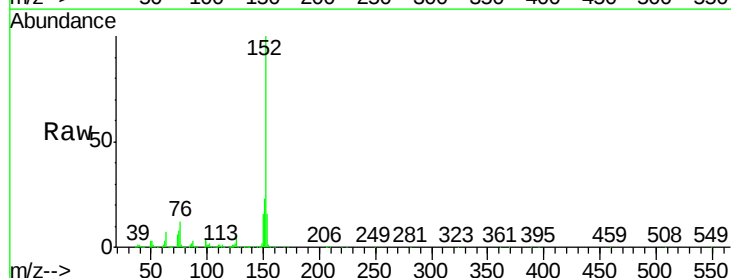
Instrument :
BNA_G
ClientSampleId :
PB92660BS

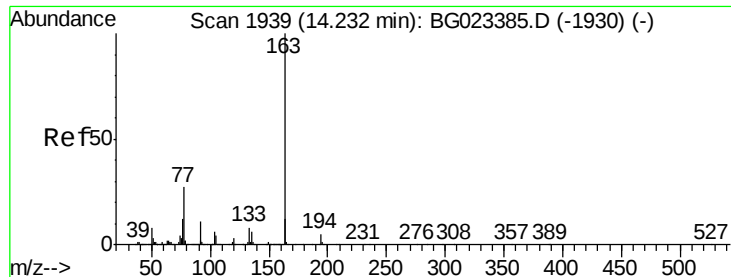
Tot Ion: 65 Resp: 420737
Ion Ratio Lower Upper
65 100
92 64.9 49.4 74.0
138 85.1 58.0 87.0



#48
Acenaphthylene
Concen: 43.56 ng
RT: 14.50 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion: 152 Resp: 1492030
Ion Ratio Lower Upper
152 100
151 22.9 17.6 26.4
153 16.3 11.4 17.2





#49

Dimethylphthalate

Concen: 47.05 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

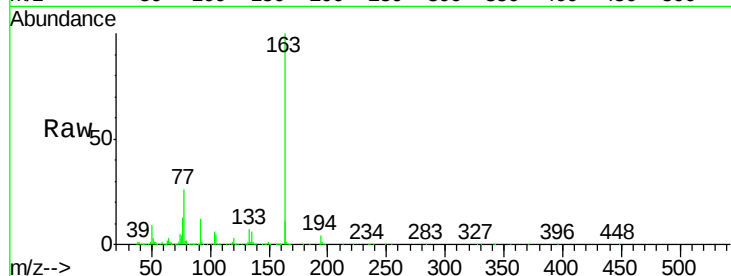
Tot Ion:163 Resp: 1322595

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

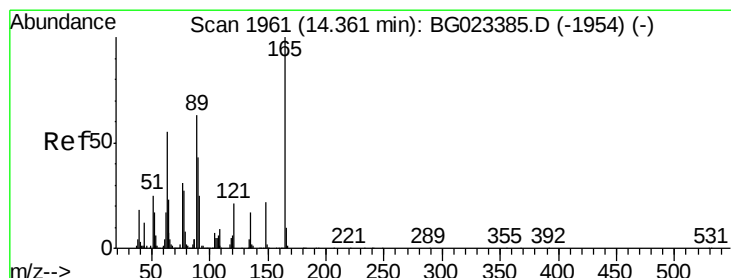
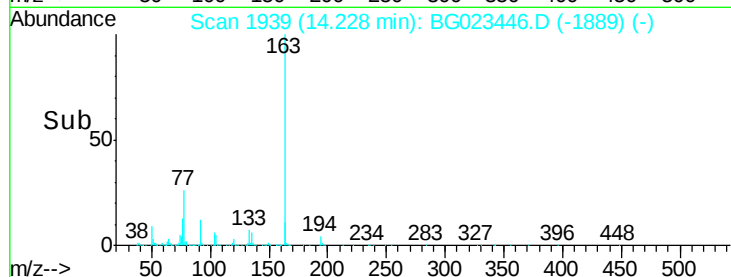
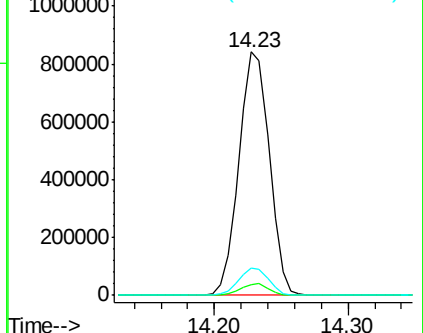
164 11.0 8.1 12.1



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: 46.51 ng

RT: 14.36 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

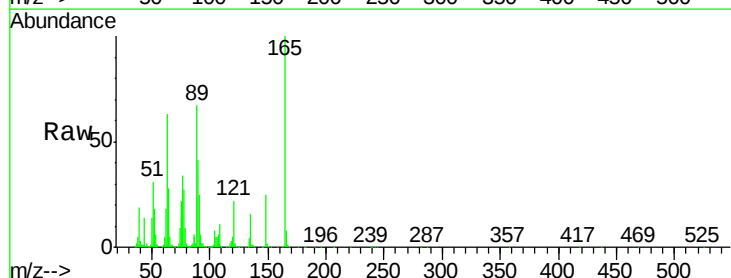
Tgt Ion:165 Resp: 309646

Ion Ratio Lower Upper

165 100

63 62.7 64.3 96.5#

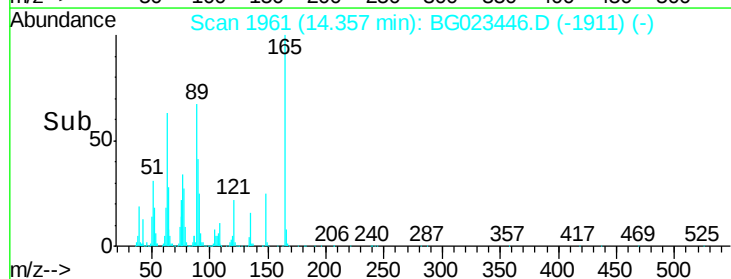
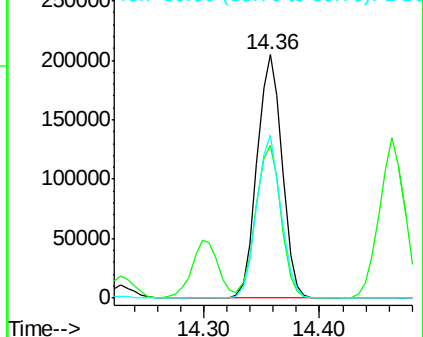
89 66.9 64.3 96.5

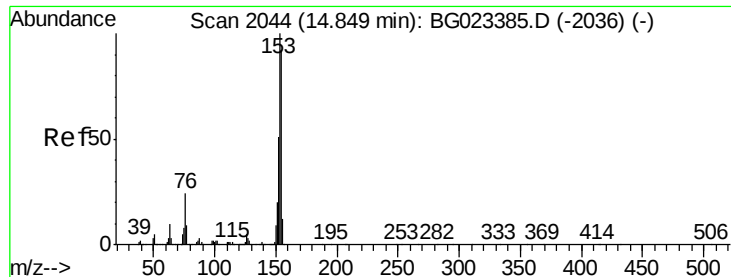


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.13 ng

RT: 14.84 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

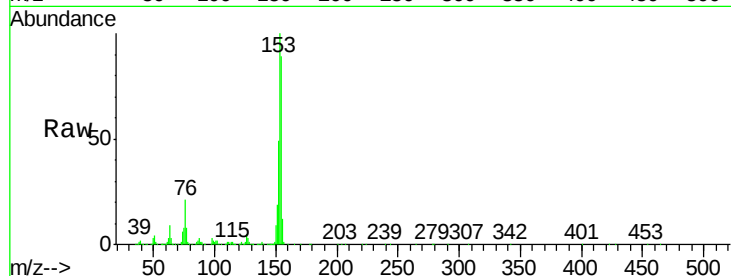
Tot Ion:154 Resp: 957457

Ion Ratio Lower Upper

154 100

153 112.8 87.5 131.3

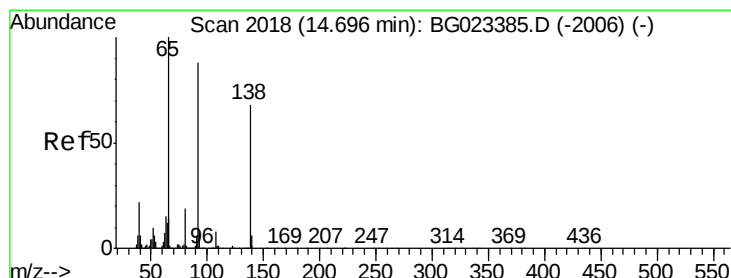
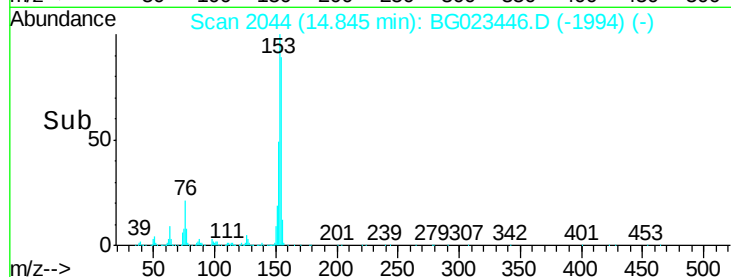
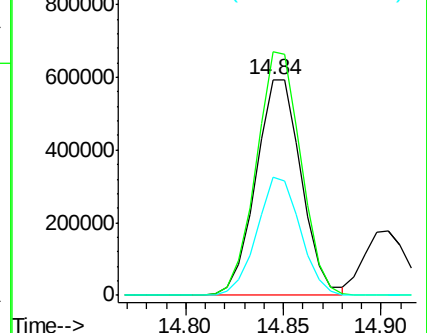
152 55.0 42.7 64.1



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: 29.74 ng

RT: 14.69 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

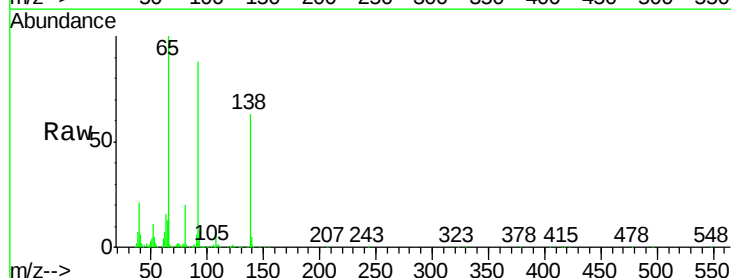
Tgt Ion:138 Resp: 223270

Ion Ratio Lower Upper

138 100

108 11.6 11.7 17.5#

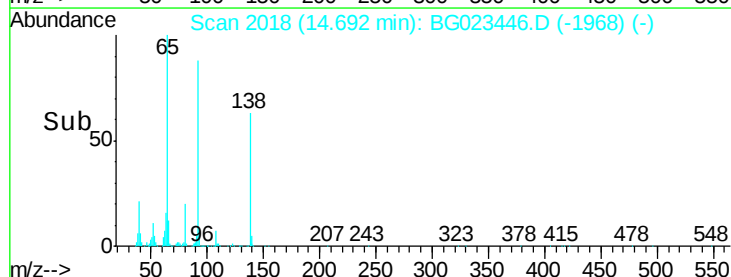
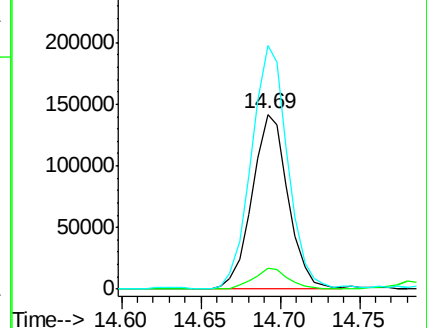
92 139.4 129.7 194.5

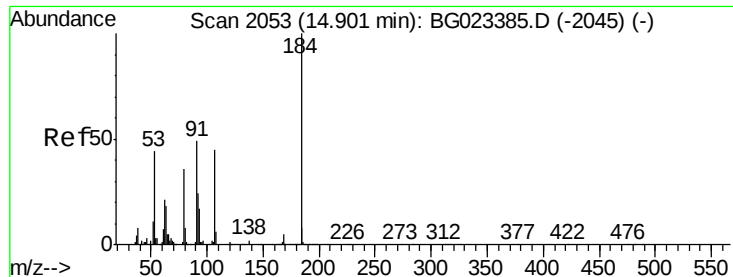


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

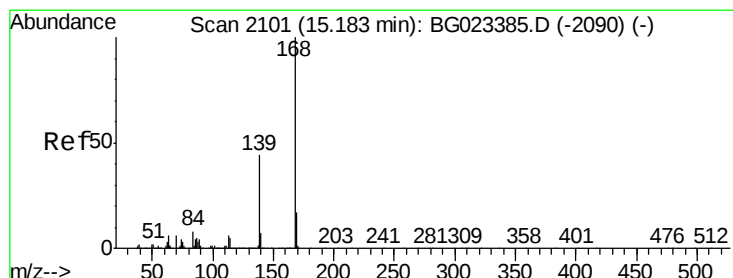
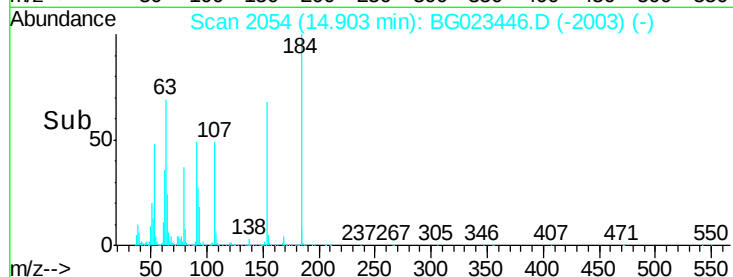
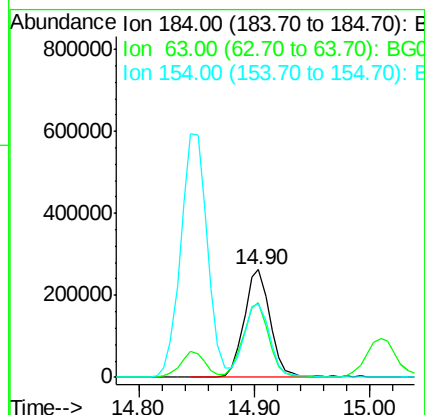
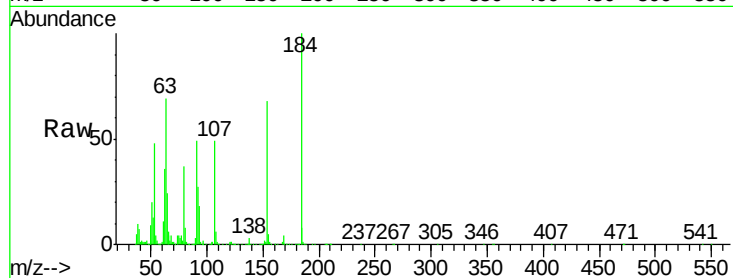




#53
2,4-Dinitrophenol
Concen: 96.78 ng
RT: 14.90 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

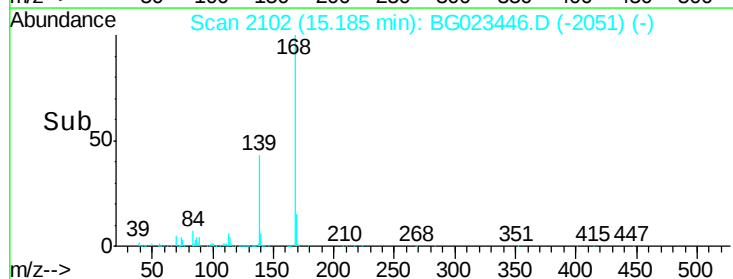
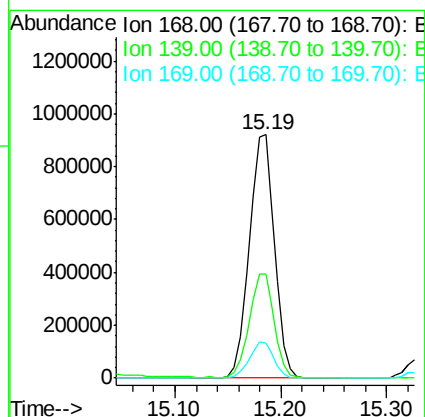
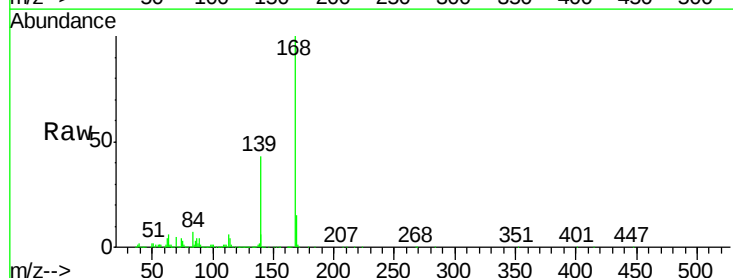
Instrument :
BNA_G
ClientSampleId :
PB92660BS

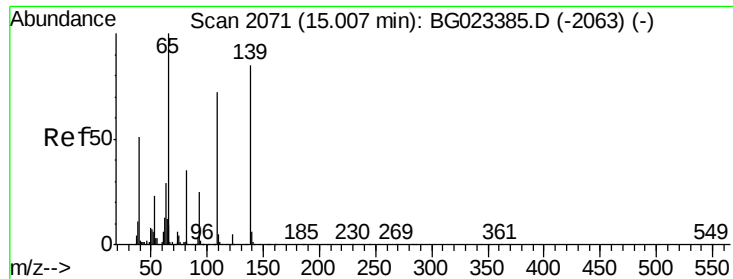
Tot Ion:184 Resp: 412959
Ion Ratio Lower Upper
184 100
63 69.2 59.6 89.4
154 68.0 67.4 101.0



#54
Dibenzofuran
Concen: 48.51 ng
RT: 15.19 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion:168 Resp: 1528171
Ion Ratio Lower Upper
168 100
139 42.7 36.4 54.6
169 14.5 11.9 17.9

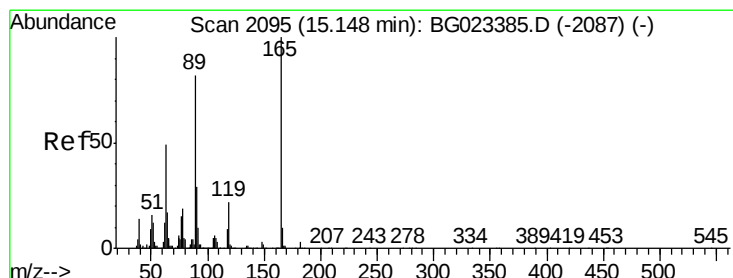
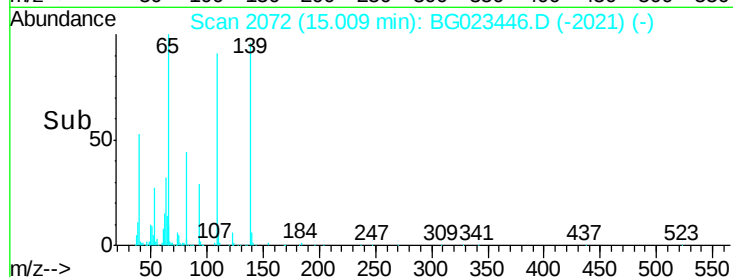
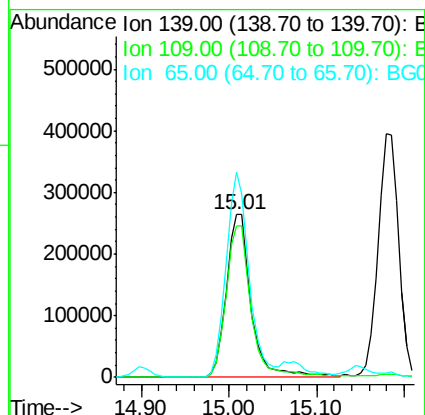
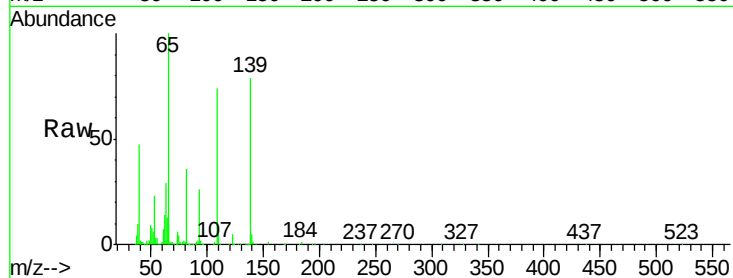




#55
4-Nitrophenol
Concen: 87.60 ng
RT: 15.01 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

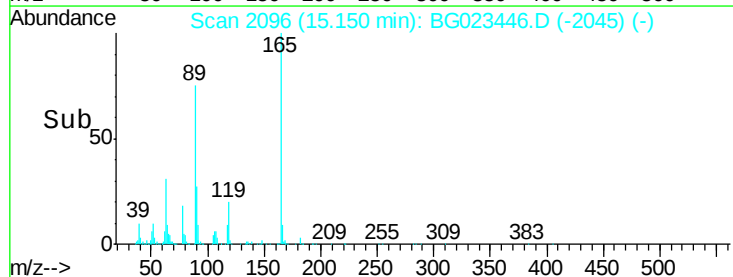
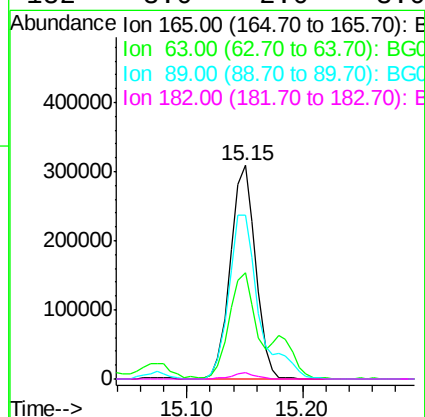
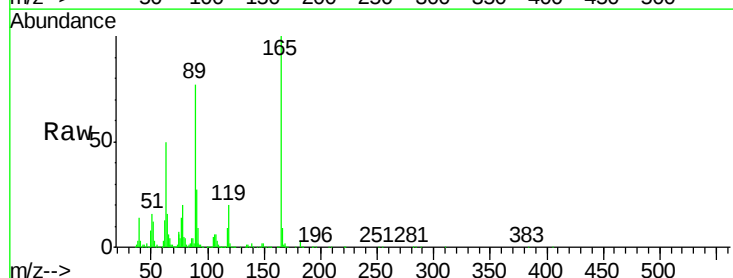
Instrument :
BNA_G
ClientSampleId :
PB92660BS

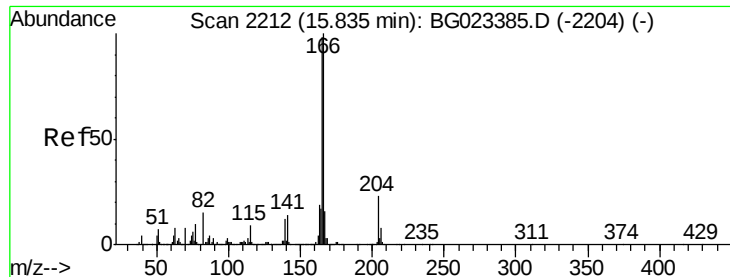
Tot Ion:139 Resp: 516448
Ion Ratio Lower Upper
139 100
109 93.4 103.0 143.0#
65 126.4 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 49.83 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion:165 Resp: 465582
Ion Ratio Lower Upper
165 100
63 50.0 45.8 68.6
89 76.9 68.6 102.8
182 3.0 2.0 3.0

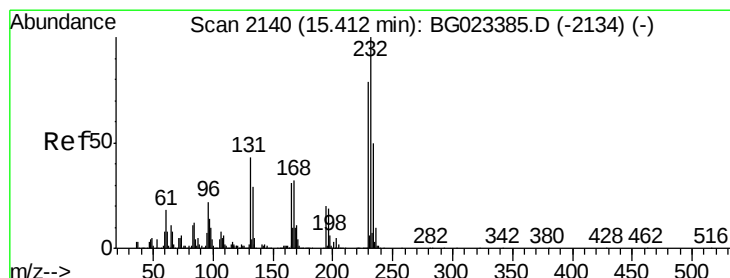
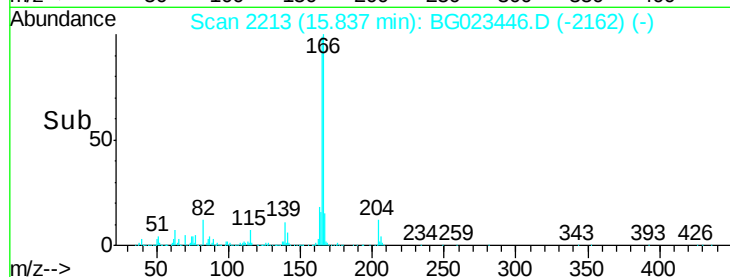
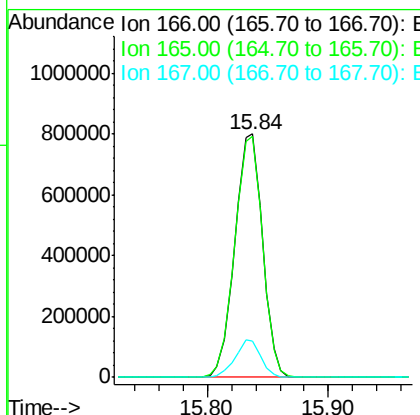
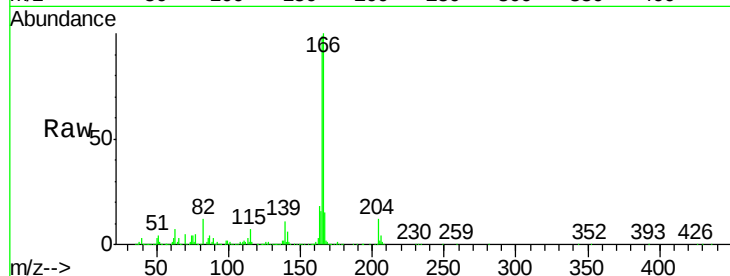




#57
Fluorene
 Concen: 46.59 ng
 RT: 15.84 min Scan# 2213
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

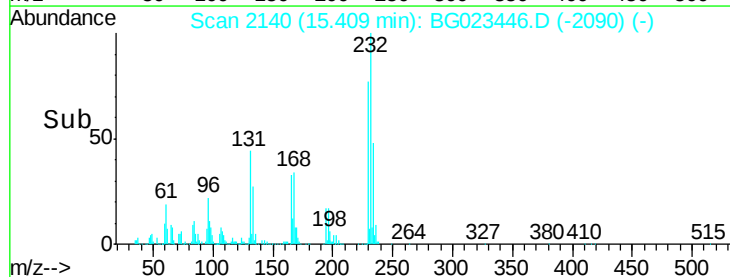
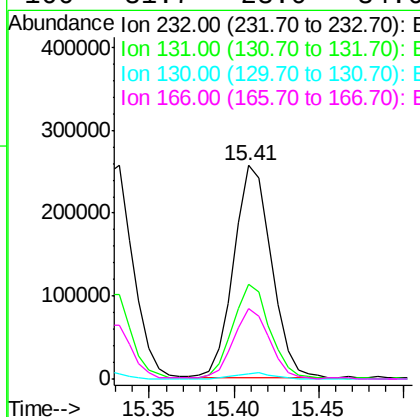
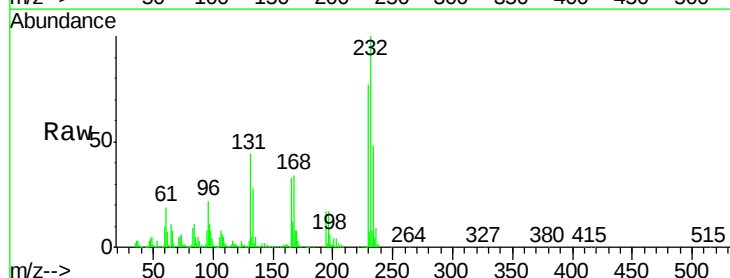
Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

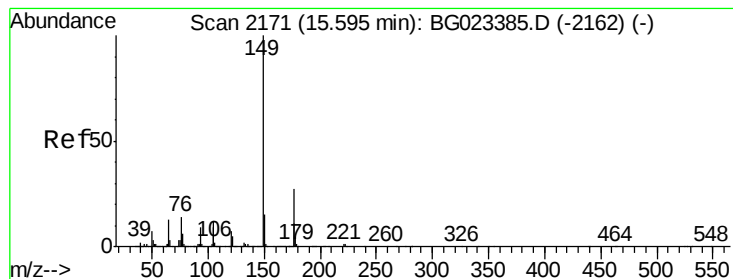
Tot Ion:166 Resp: 1280718
 Ion Ratio Lower Upper
 166 100
 165 98.9 81.0 121.6
 167 14.8 12.0 18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.12 ng
 RT: 15.41 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion:232 Resp: 397159
 Ion Ratio Lower Upper
 232 100
 131 43.9 32.7 49.1
 130 2.9 2.6 3.8
 166 31.7 23.0 34.6





#59

Diethylphthalate

Concen: 48.10 ng

RT: 15.59 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

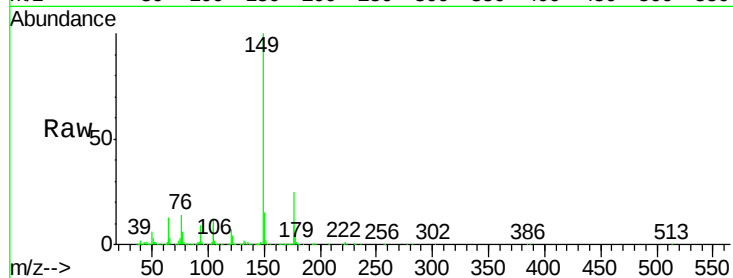
Tot Ion:149 Resp: 1372491

Ion Ratio Lower Upper

149 100

177 25.5 19.2 28.8

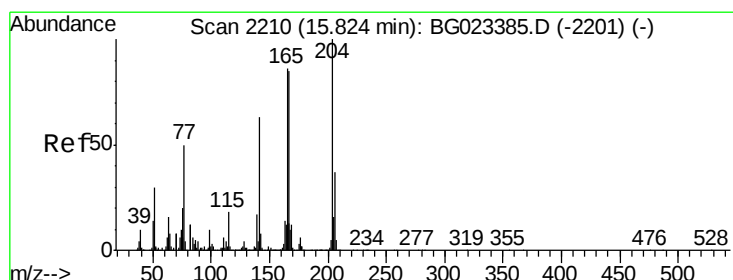
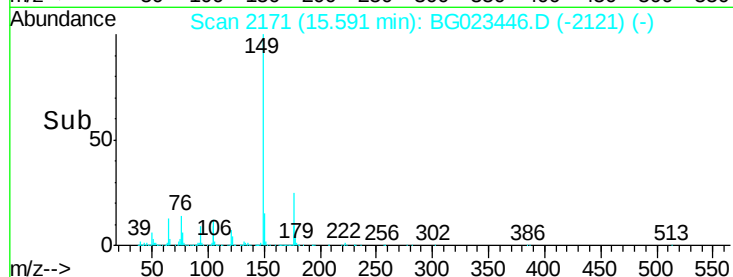
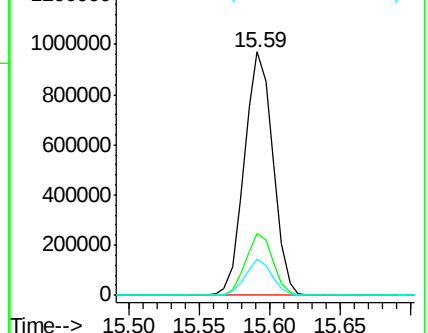
150 15.0 10.6 16.0



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: 46.34 ng

RT: 15.82 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

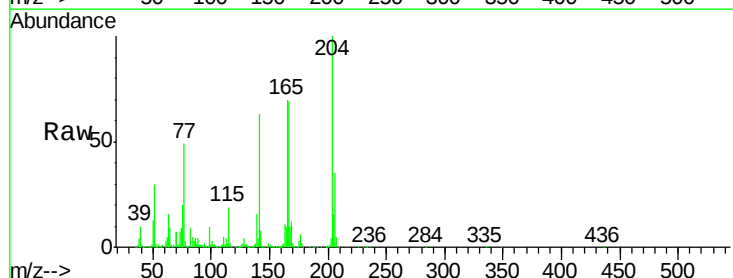
Tgt Ion:204 Resp: 674170

Ion Ratio Lower Upper

204 100

206 35.3 28.5 42.7

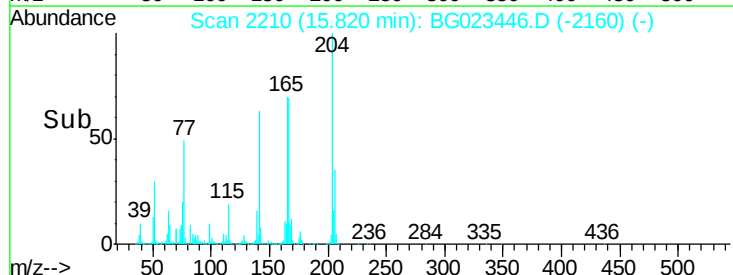
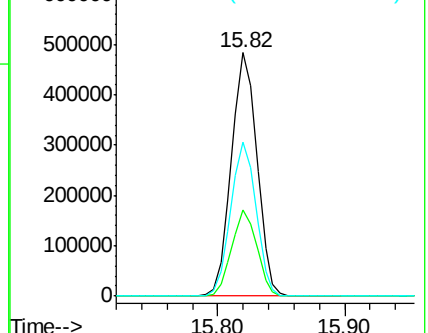
141 63.5 51.4 77.0



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

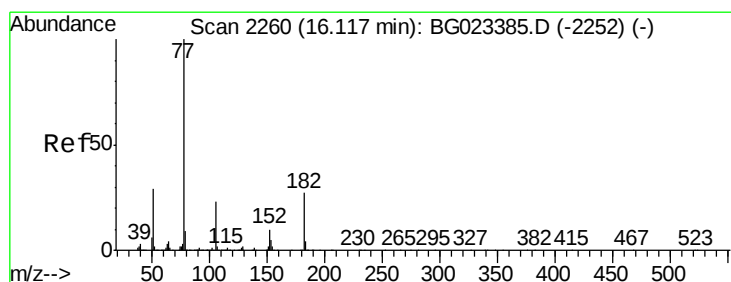
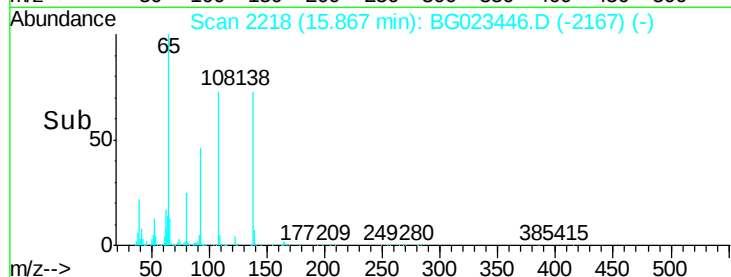
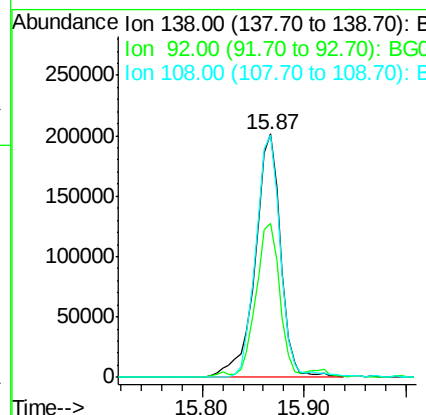
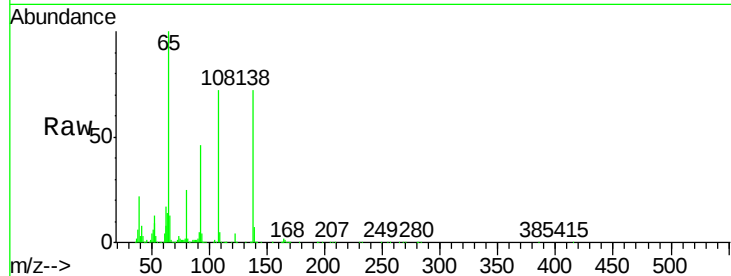




#61
4-Nitroaniline
Concen: 43.88 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

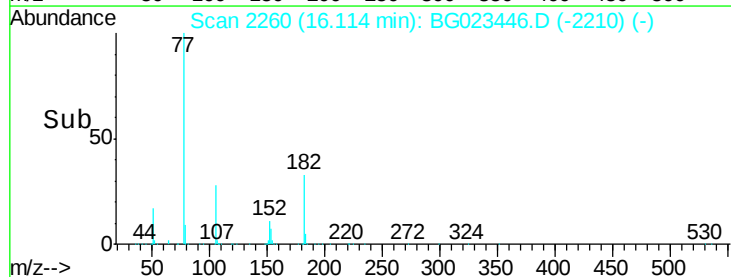
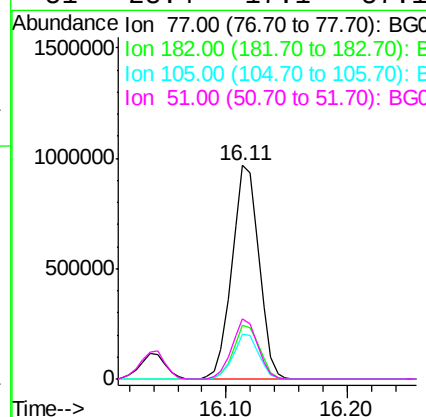
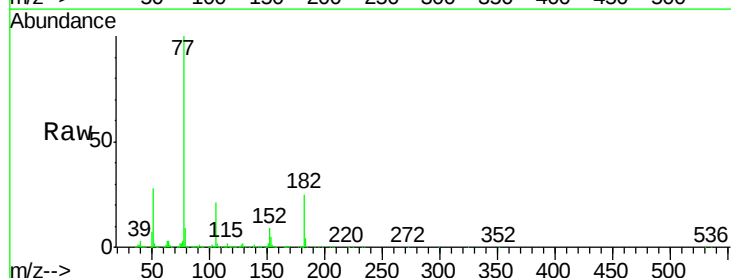
Instrument :
BNA_G
ClientSampleId :
PB92660BS

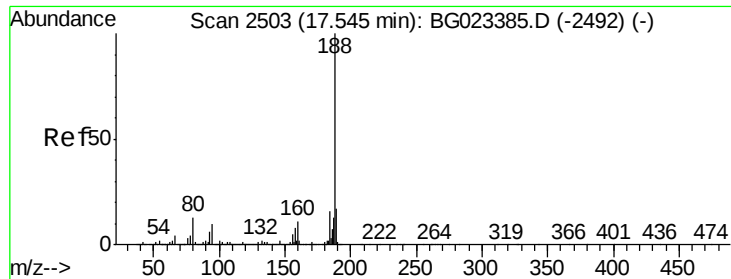
Tot Ion:138 Resp: 350683
Ion Ratio Lower Upper
138 100
92 63.5 54.1 94.1
108 99.4 133.9 173.9#



#62
Azobenzene
Concen: 51.90 ng
RT: 16.11 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion: 77 Resp: 1501129
Ion Ratio Lower Upper
77 100
182 25.0 3.5 43.5
105 21.2 0.0 38.5
51 28.4 17.1 57.1

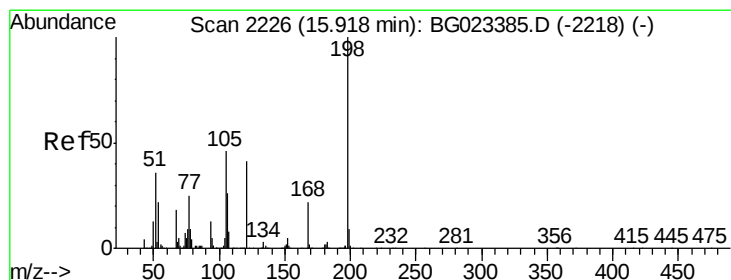
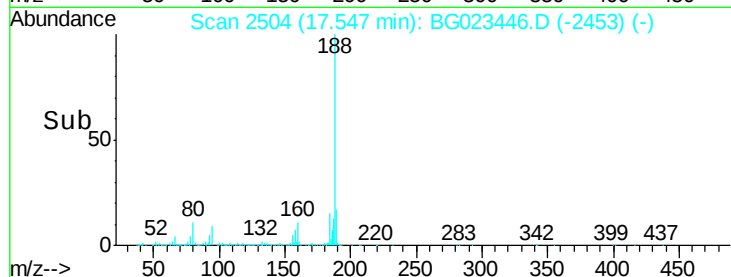
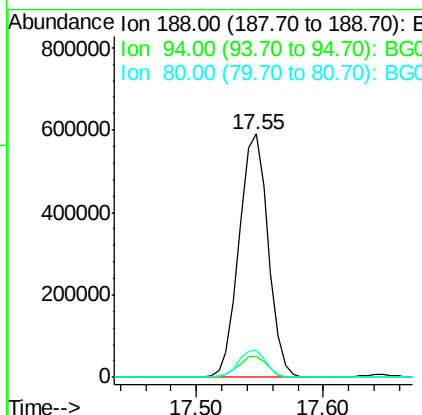
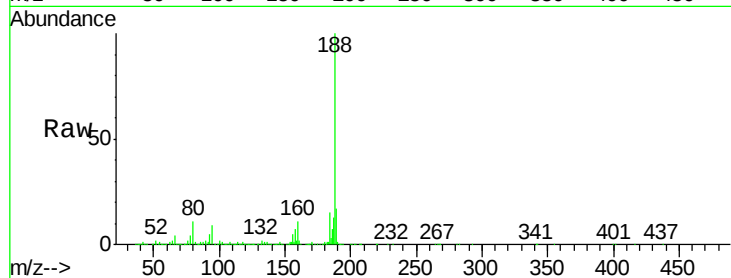




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

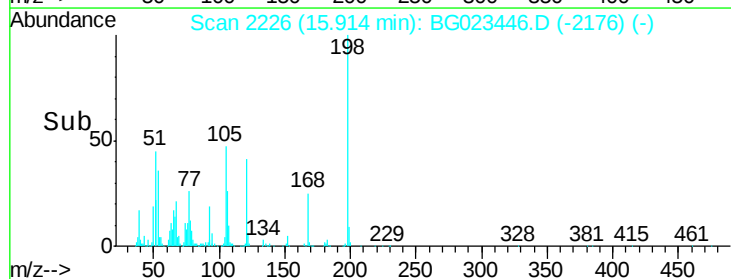
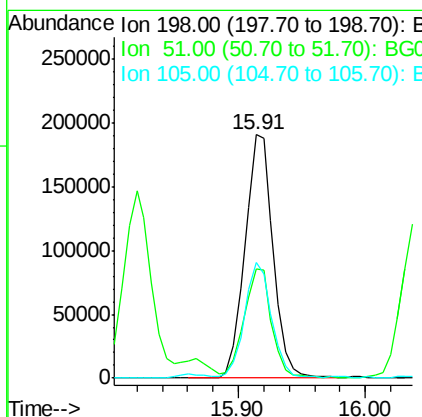
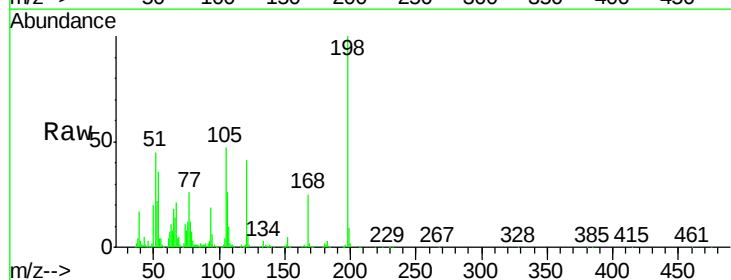
Instrument :
BNA_G
ClientSampleId :
PB92660BS

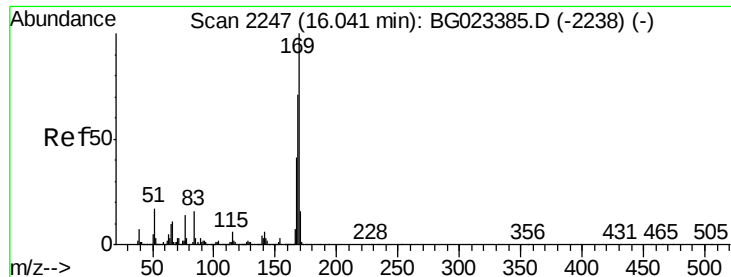
Tot Ion:188 Resp: 937221
Ion Ratio Lower Upper
188 100
94 8.7 5.2 7.8#
80 11.2 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 46.18 ng
RT: 15.91 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion:198 Resp: 294248
Ion Ratio Lower Upper
198 100
51 45.0 26.0 66.0
105 47.3 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 43.58 ng

RT: 16.04 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

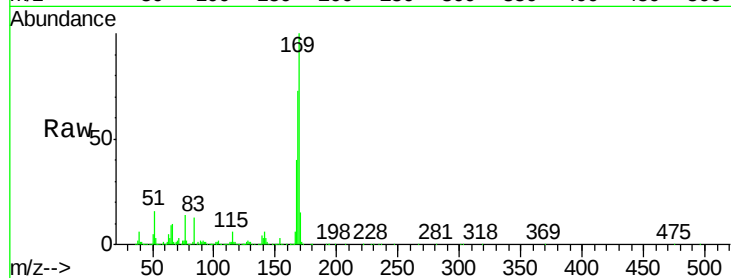
BNA_G

ClientSampleId :

PB92660BS

Tot Ion:169 Resp: 1198105

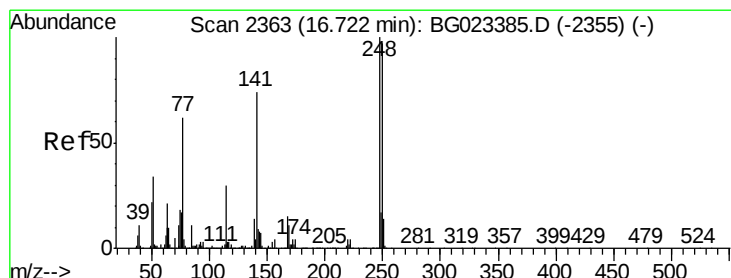
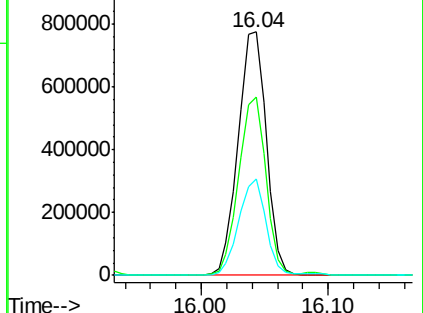
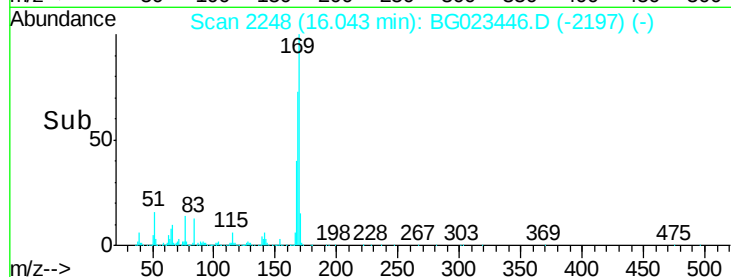
Ion	Ratio	Lower	Upper
169	100		
168	73.2	55.0	82.4
167	39.7	27.4	41.0



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: 44.09 ng

RT: 16.72 min Scan# 2363

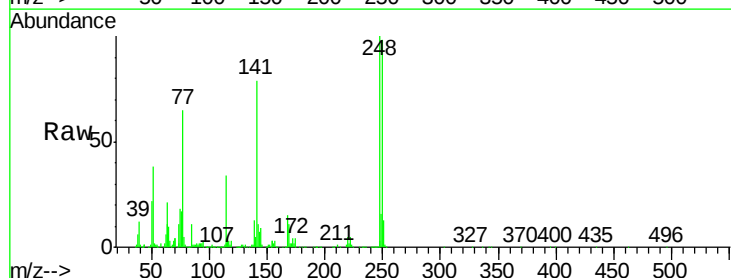
Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tgt Ion:248 Resp: 481647

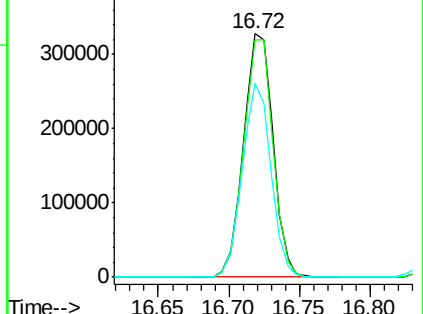
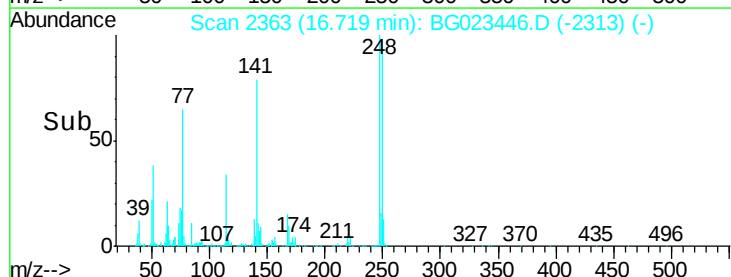
Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.8	116.8
141	79.4	65.7	98.5

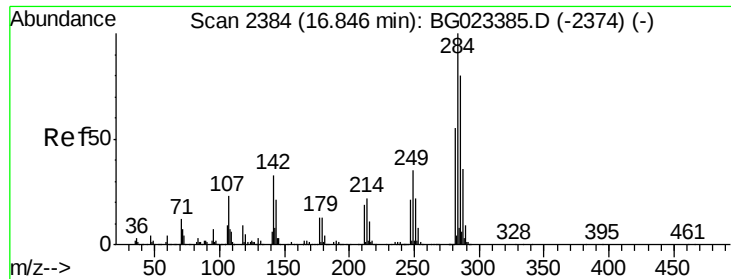


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

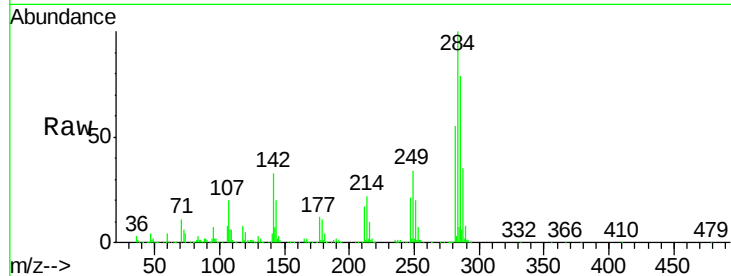




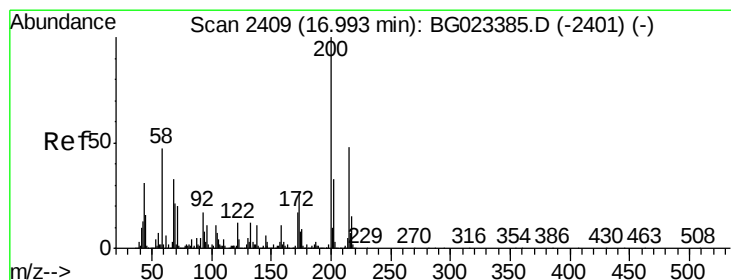
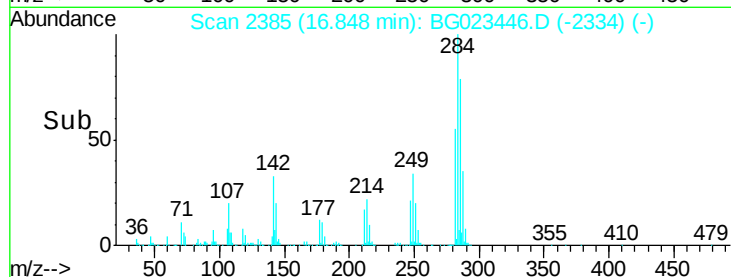
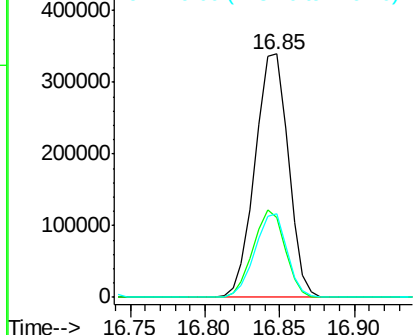
#67
Hexachlorobenzene
Concen: 43.79 ng
RT: 16.85 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.7	26.8	40.2
249	34.3	28.9	43.3

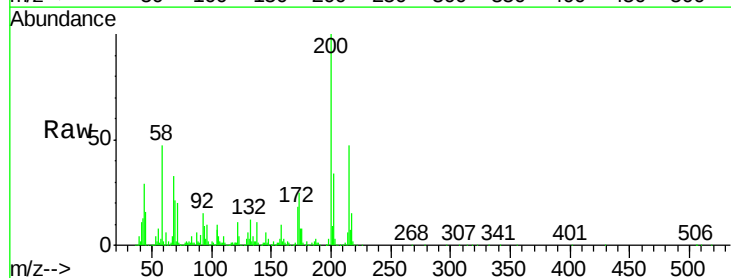


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

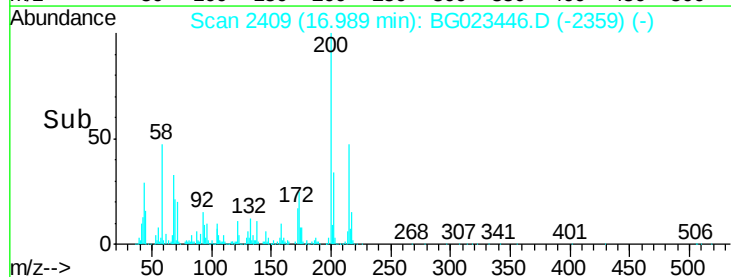
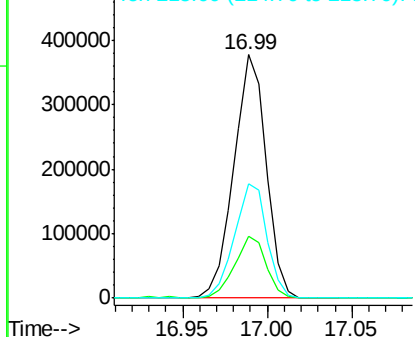


#68
Atrazine
Concen: 47.65 ng
RT: 16.99 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.2	1.6	41.6
215	46.7	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: 92.56 ng

RT: 17.19 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

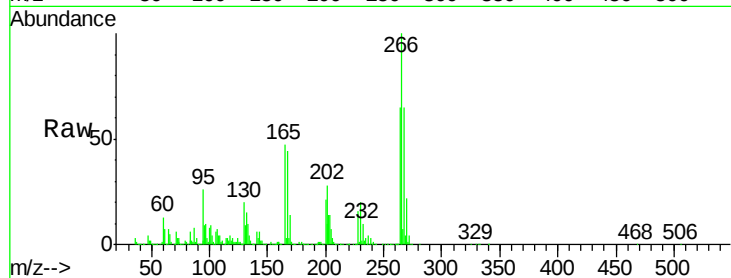
Tot Ion:266 Resp: 644882

Ion Ratio Lower Upper

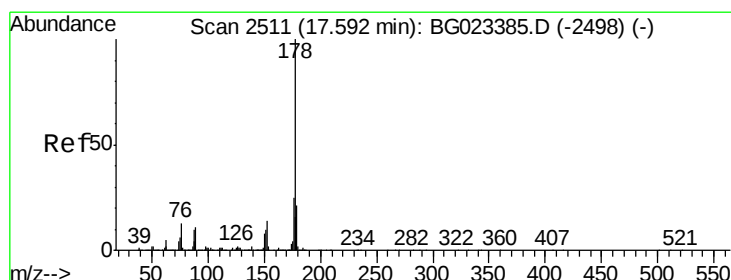
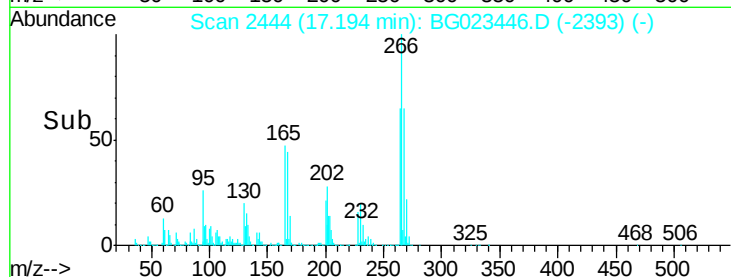
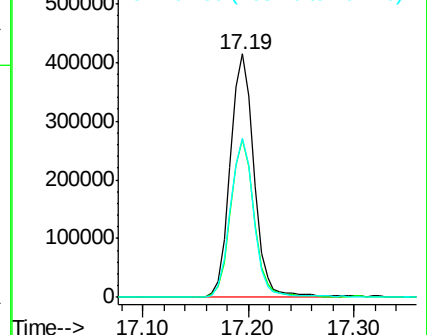
266 100

268 64.7 51.9 77.9

264 65.2 50.6 75.8



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



#70

Phenanthrene

Concen: 44.43 ng

RT: 17.59 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

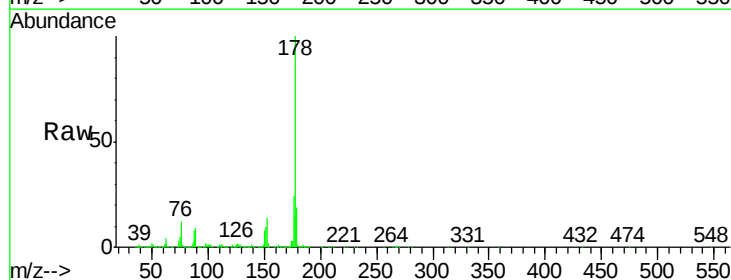
Tgt Ion:178 Resp: 2112753

Ion Ratio Lower Upper

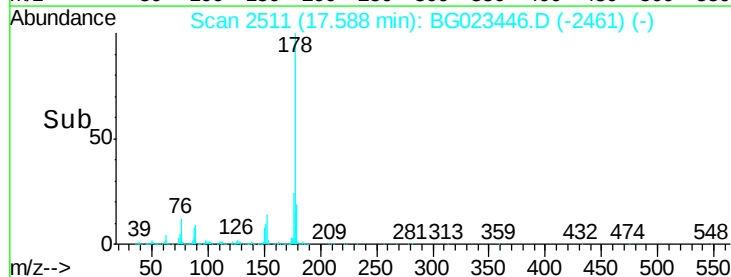
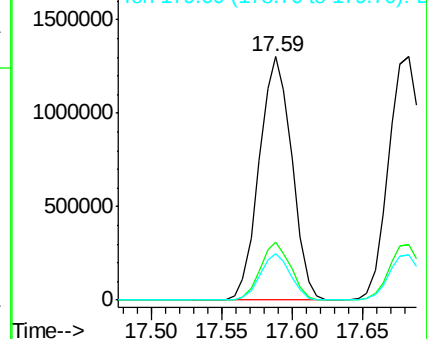
178 100

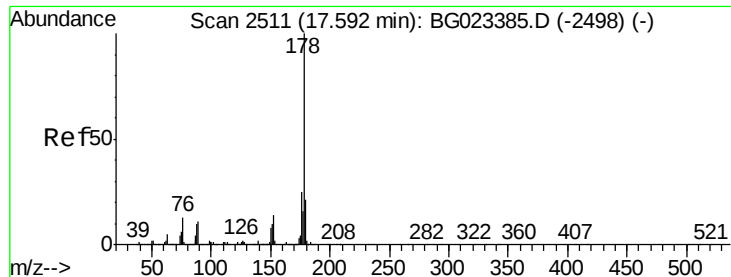
176 23.7 16.8 25.2

179 19.1 14.3 21.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

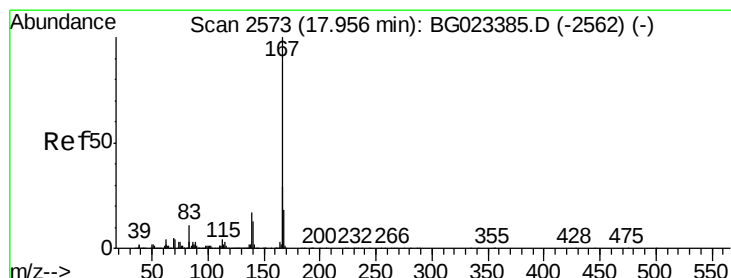
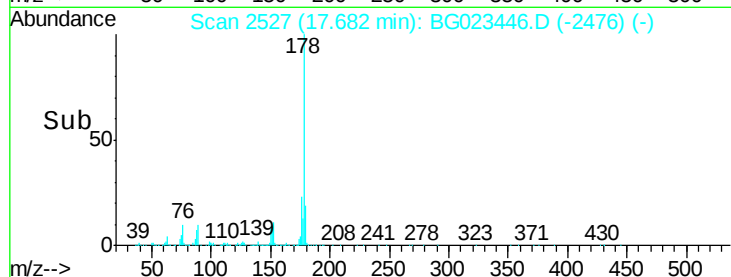
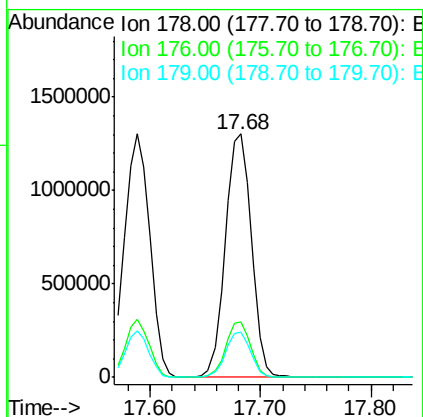
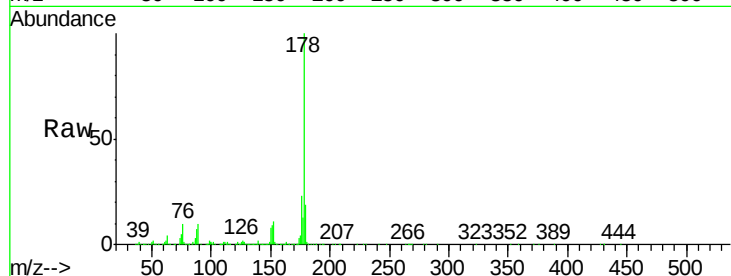




#71
 Anthracene
 Concen: 45.15 ng
 RT: 17.68 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

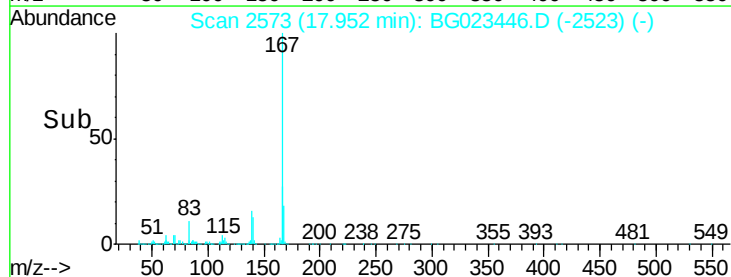
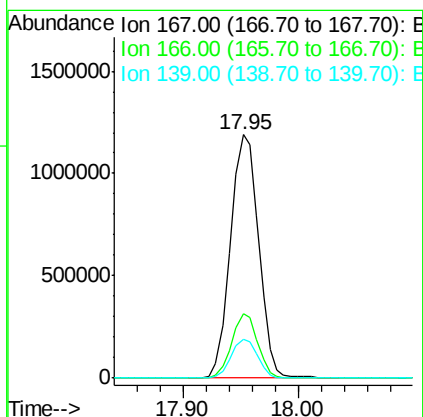
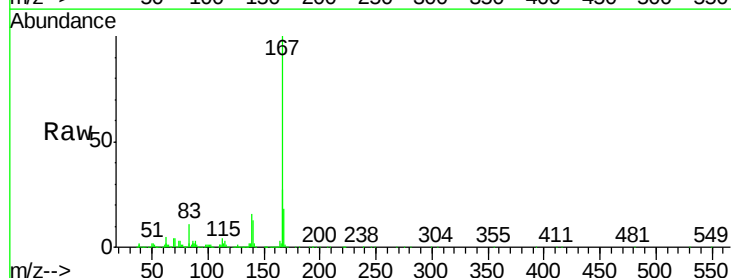
Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

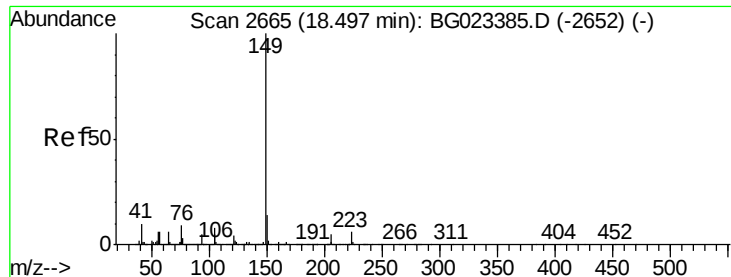
Tot Ion:178 Resp: 2159443
 Ion Ratio Lower Upper
 178 100
 176 22.9 17.3 25.9
 179 18.6 14.0 21.0



#72
 Carbazole
 Concen: 47.91 ng
 RT: 17.95 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion:167 Resp: 2012205
 Ion Ratio Lower Upper
 167 100
 166 26.5 20.7 31.1
 139 15.7 11.9 17.9





#73

Di-n-butylphthalate

Concen: 54.02 ng

RT: 18.49 min Scan# 2665

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

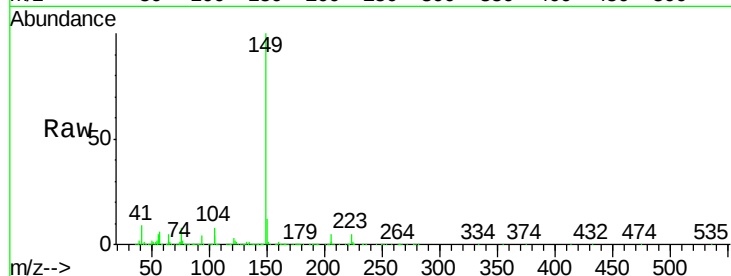
Tot Ion:149 Resp: 2235452

Ion Ratio Lower Upper

149 100

150 12.3 9.1 13.7

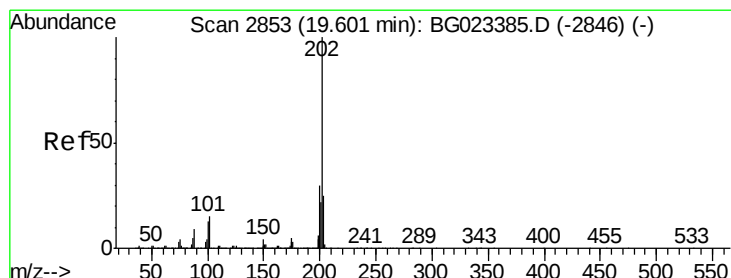
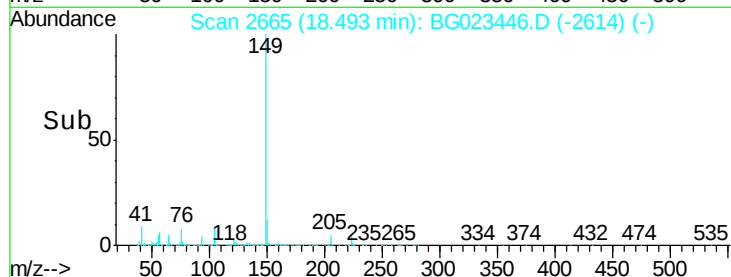
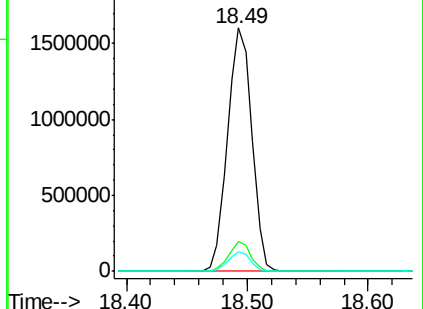
104 8.2 6.9 10.3



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: 56.29 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

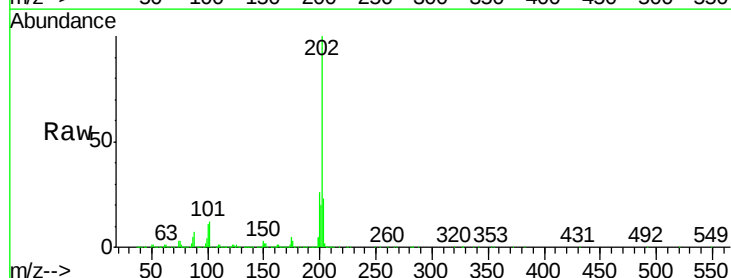
Tgt Ion:202 Resp: 2420898

Ion Ratio Lower Upper

202 100

101 12.1 0.0 27.4

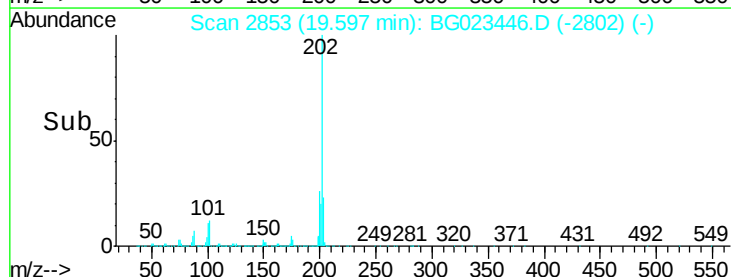
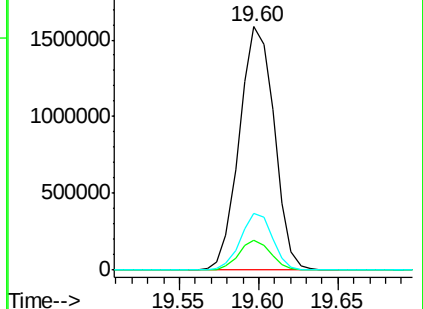
203 23.1 1.7 41.7

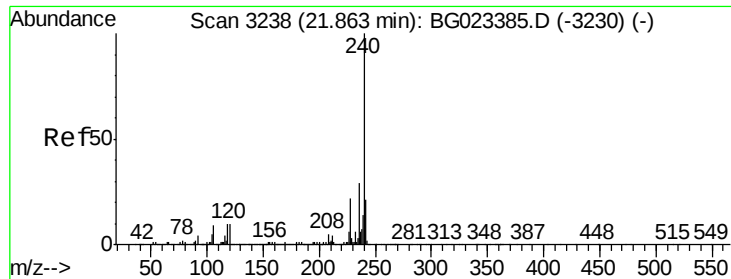


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

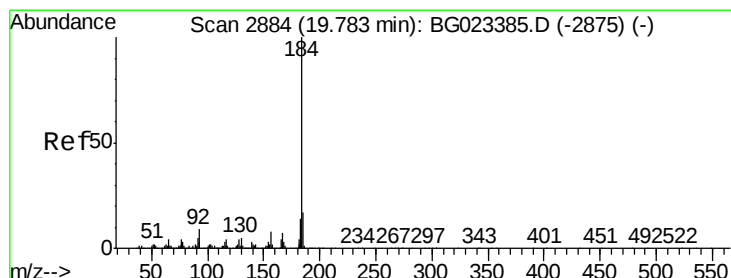
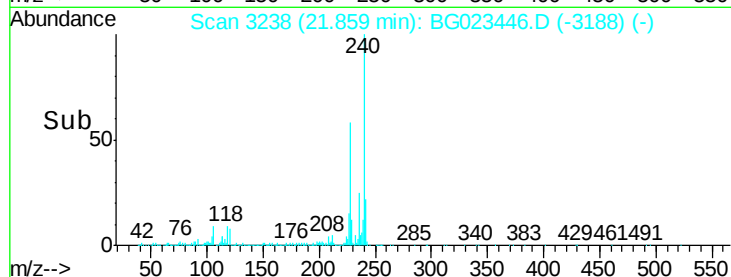
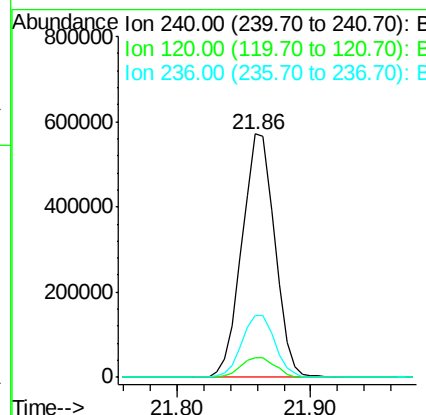
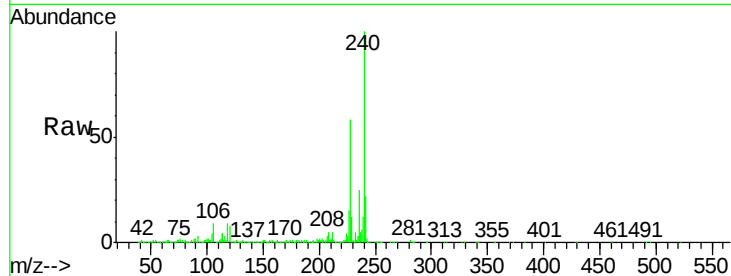




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

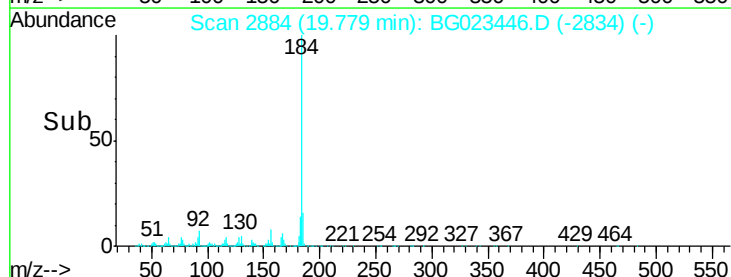
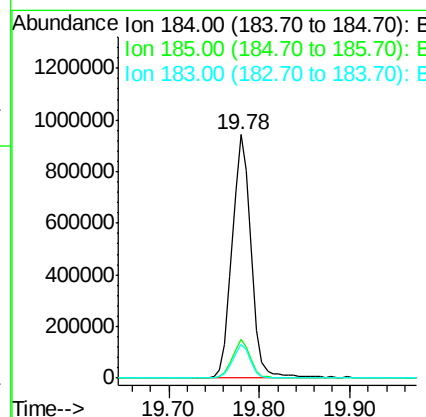
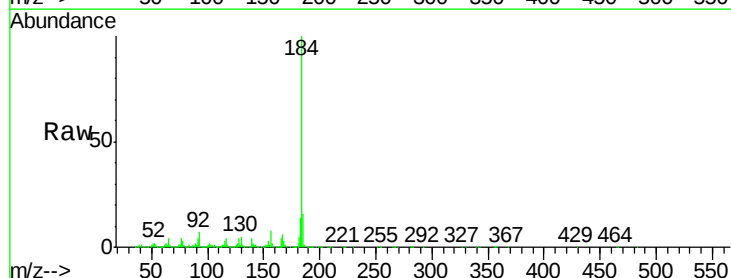
Instrument :
BNA_G
ClientSampleId :
PB92660BS

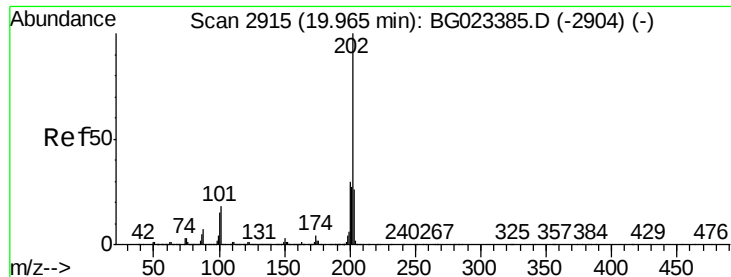
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	4.1	6.1#
236	25.5	21.1	31.7



#76
Benzidine
Concen: 51.23 ng
RT: 19.78 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.6	19.0
183	14.0	10.7	16.1





#77

Pvrene

Concen: 44.37 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

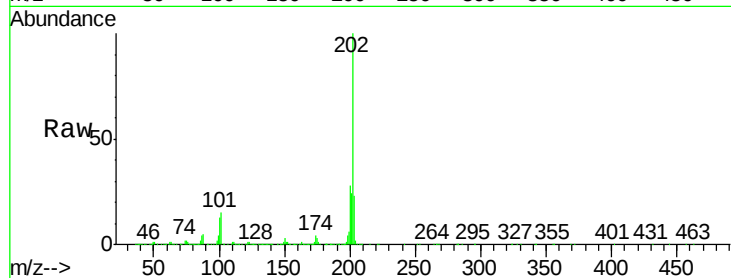
Tot Ion:202 Resp: 2445206

Ion	Ratio	Lower	Upper
202	100		
200	27.8	21.2	31.8
203	23.3	16.8	25.2

202 100

200 27.8 21.2 31.8

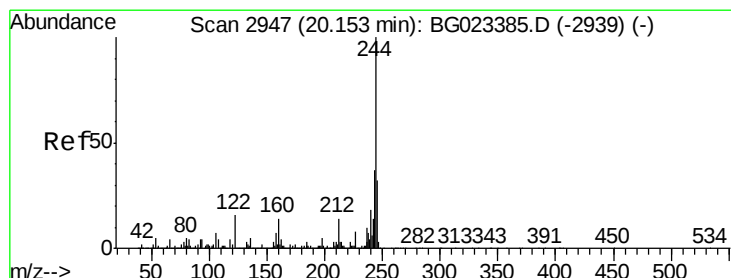
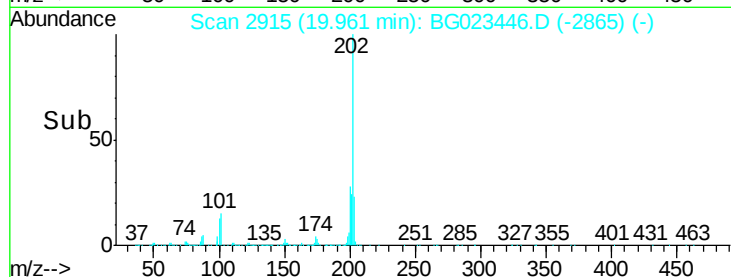
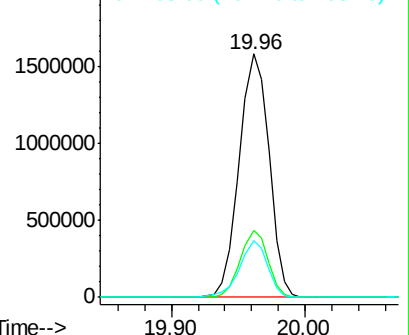
203 23.3 16.8 25.2



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: 94.63 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

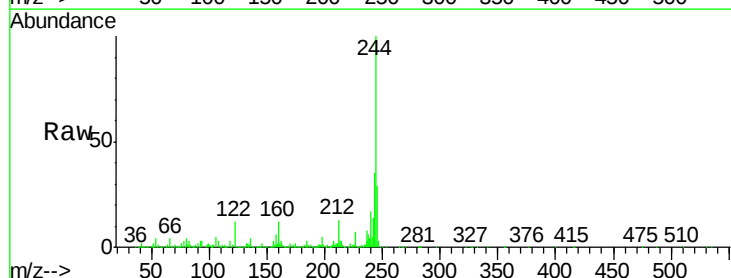
Tgt Ion:244 Resp: 2867004

Ion	Ratio	Lower	Upper
244	100		
212	13.2	10.8	16.2
122	12.0	8.0	12.0

244 100

212 13.2 10.8 16.2

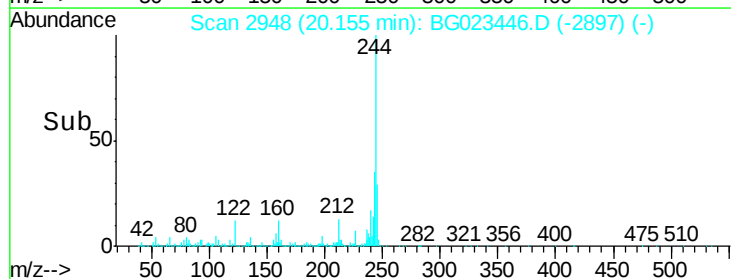
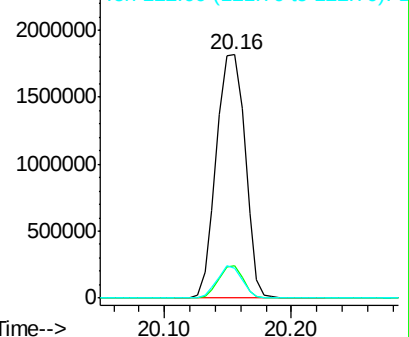
122 12.0 8.0 12.0

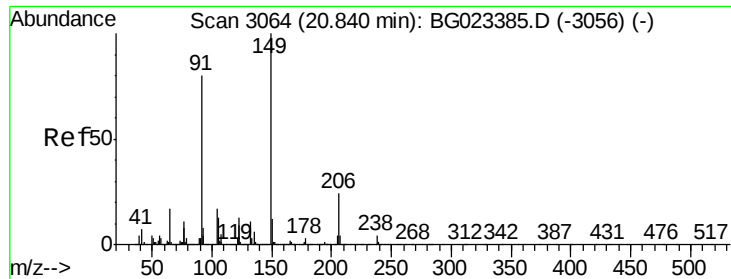


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

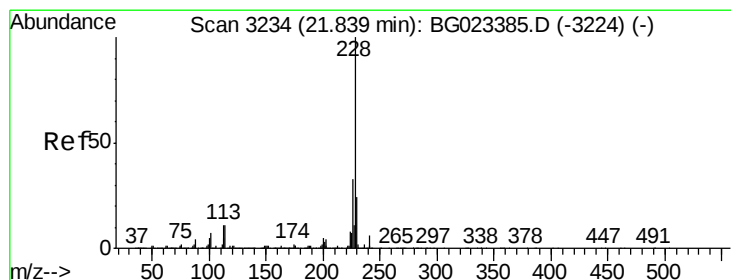
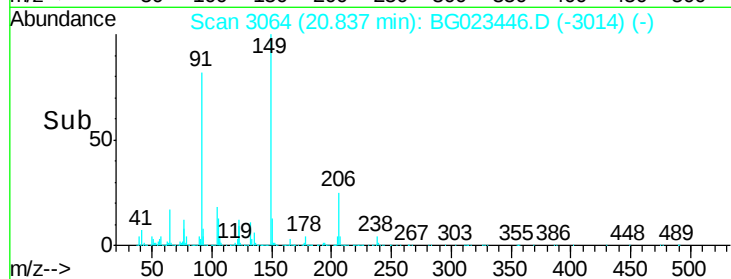
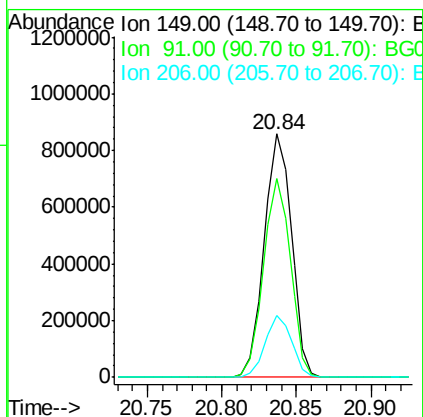
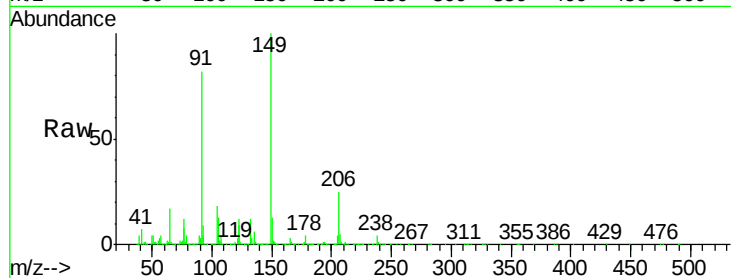




#79
Butylbenzylphthalate
Concen: 46.49 ng
RT: 20.84 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

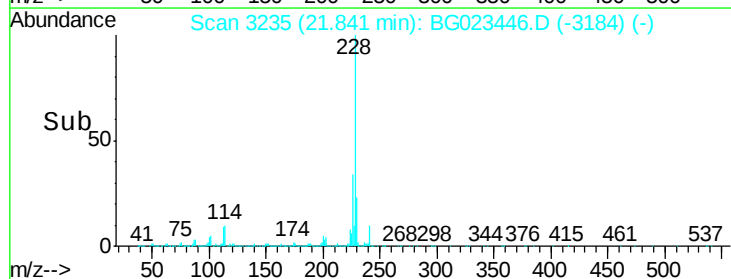
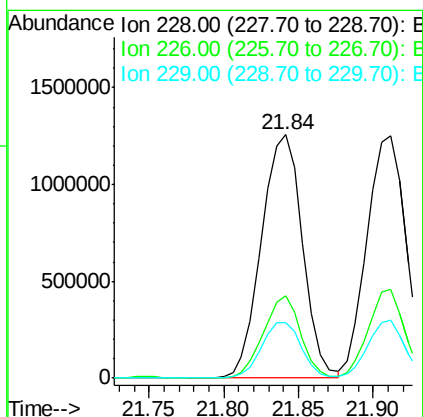
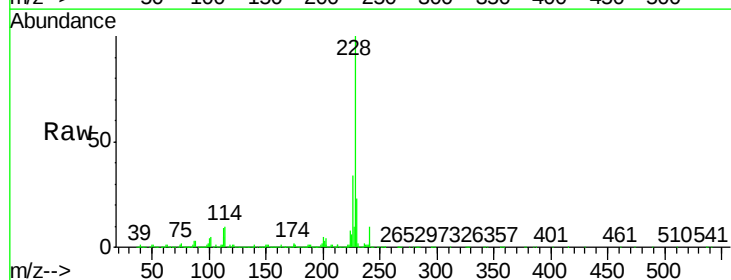
Instrument :
BNA_G
ClientSampled :
PB92660BS

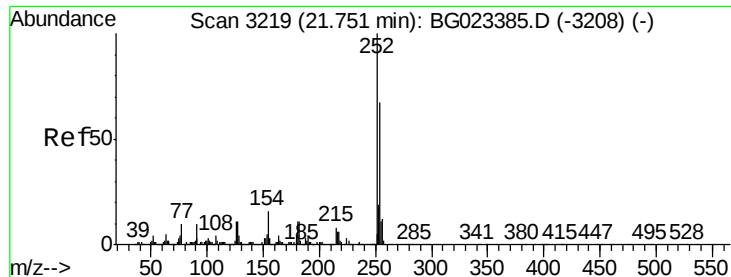
Tot Ion:149 Resp: 1086403
Ion Ratio Lower Upper
149 100
91 81.8 68.1 102.1
206 25.4 19.8 29.6



#80
Benzo(a)anthracene
Concen: 44.73 ng
RT: 21.84 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion:228 Resp: 2395992
Ion Ratio Lower Upper
228 100
226 33.6 25.3 37.9
229 23.0 19.9 29.9

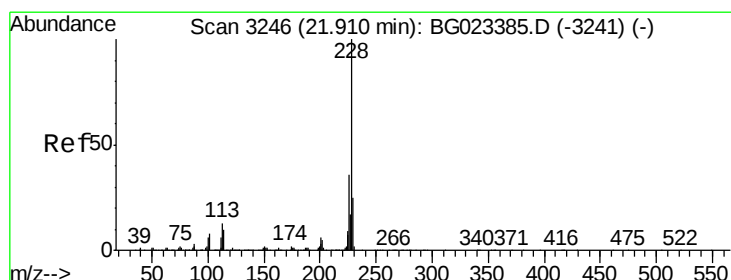
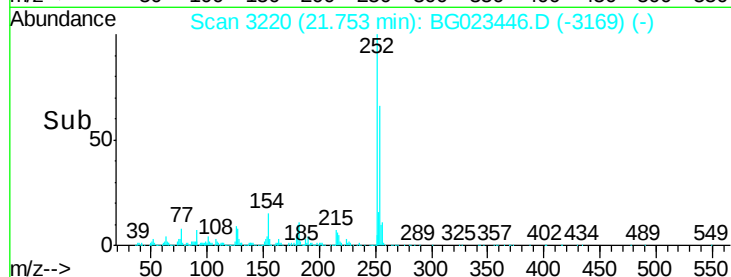
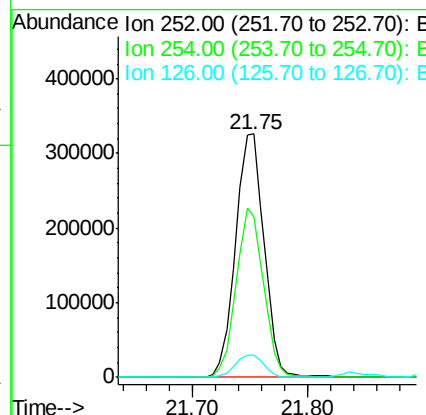
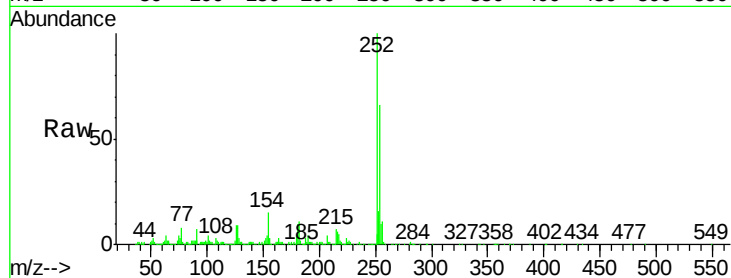




#81
 3,3'-Dichlorobenzidine
 Concen: 25.43 ng
 RT: 21.75 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

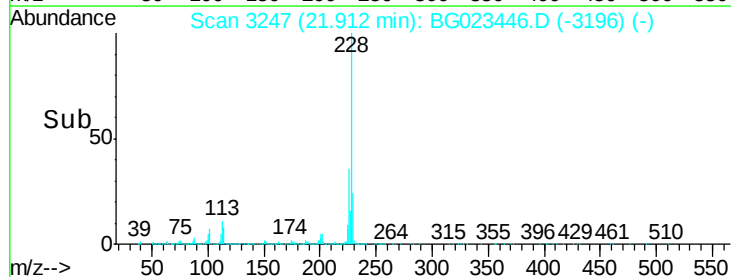
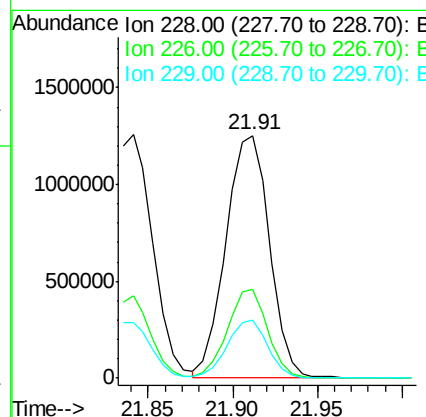
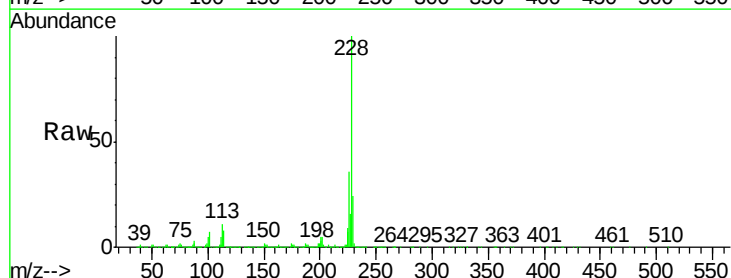
Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

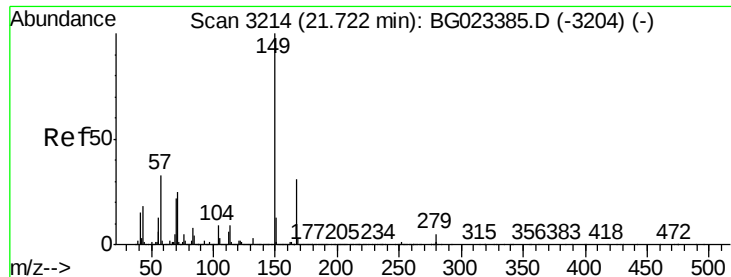
Tot Ion:252 Resp: 558671
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.2 76.8
 126 8.9 5.3 7.9#



#82
 Chrysene
 Concen: 43.91 ng
 RT: 21.91 min Scan# 3247
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion:228 Resp: 2237645
 Ion Ratio Lower Upper
 228 100
 226 36.5 26.7 40.1
 229 24.1 17.4 26.2

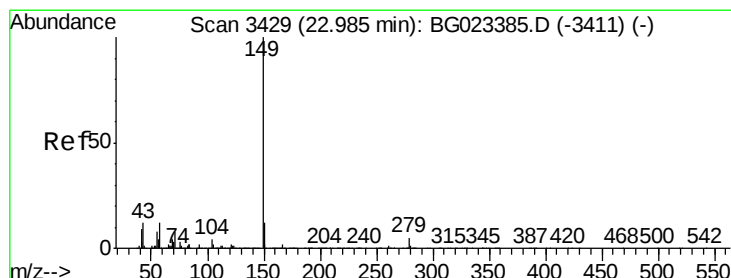
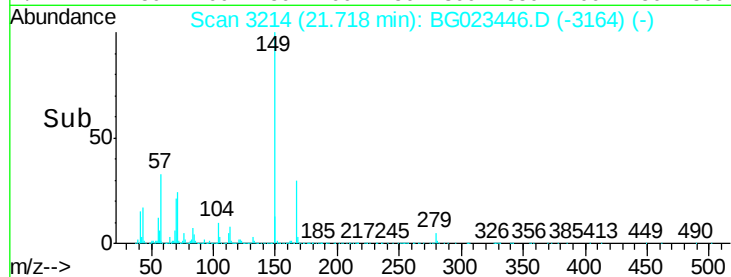
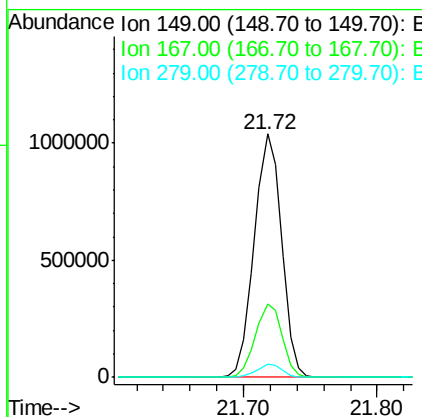
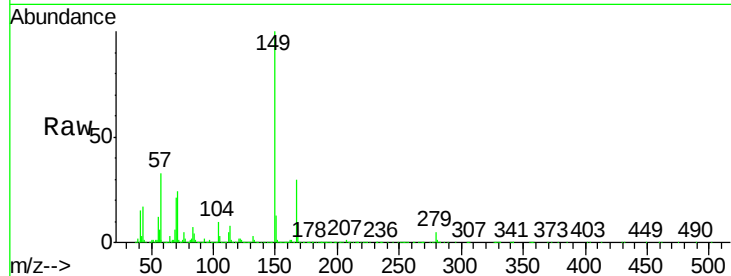




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.73 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

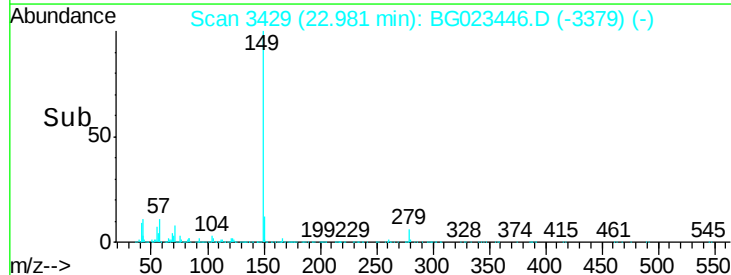
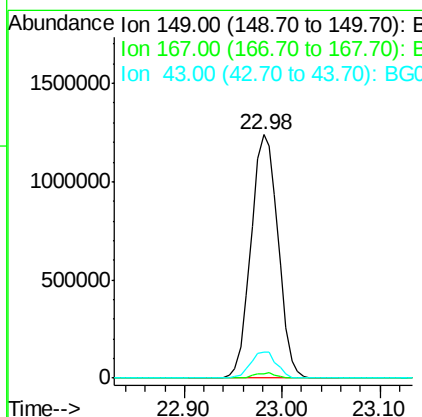
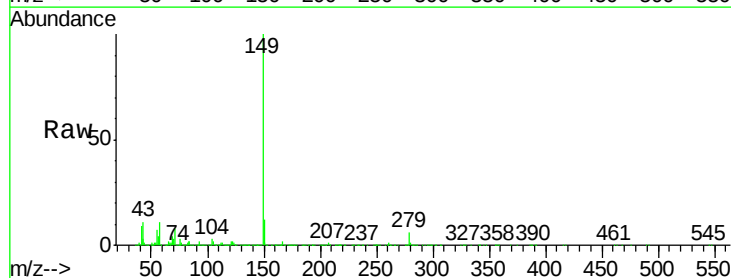
Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

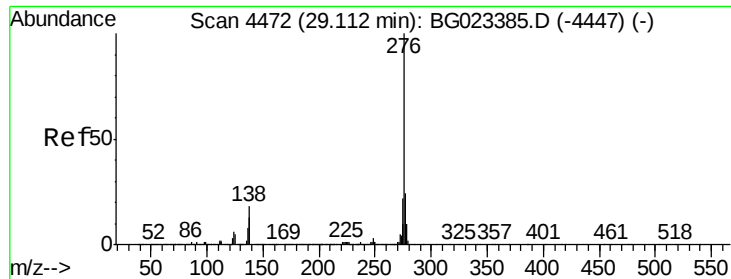
Tot Ion:149 Resp: 1463331
 Ion Ratio Lower Upper
 149 100
 167 30.1 24.0 36.0
 279 5.4 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 44.26 ng
 RT: 22.98 min Scan# 3429
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion:149 Resp: 2417191
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 10.2 8.8 13.2

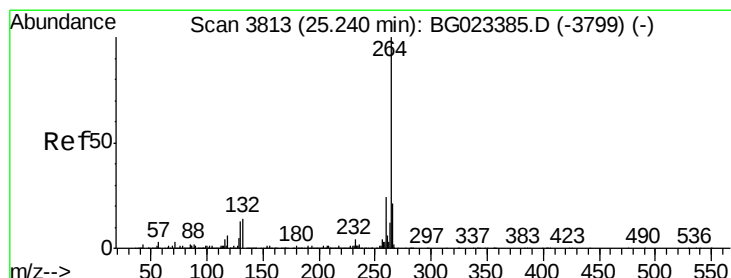
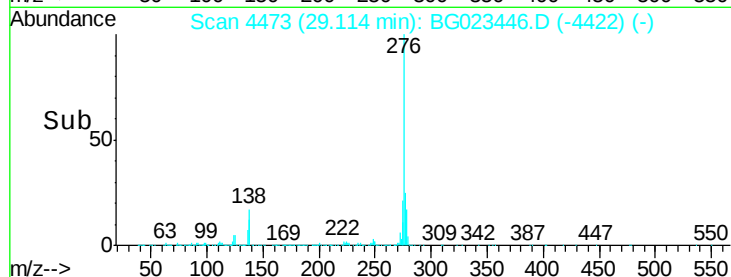
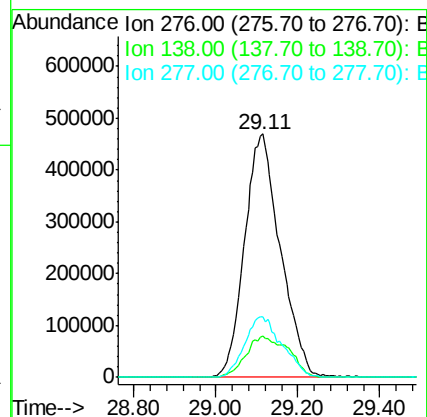
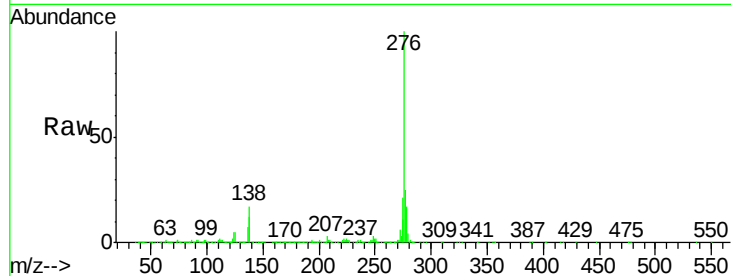




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.80 ng
 RT: 29.11 min Scan# 4473
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

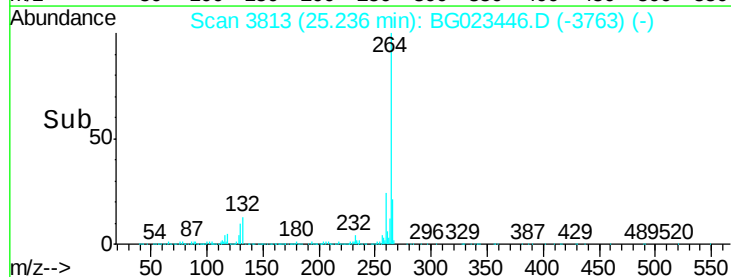
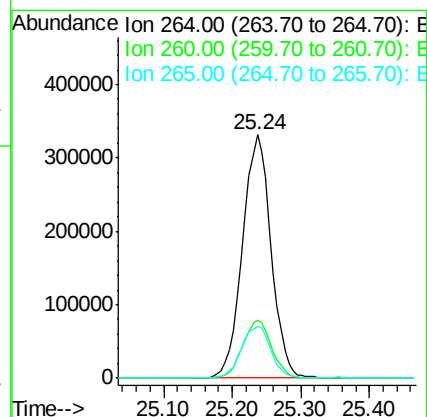
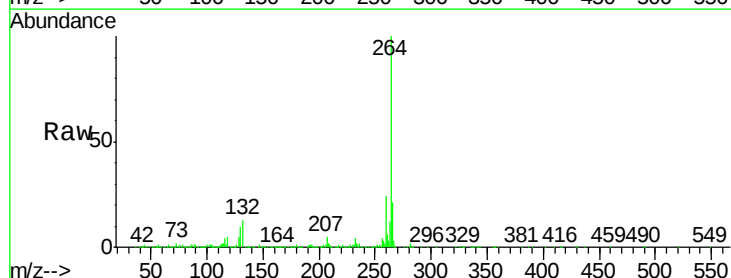
Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

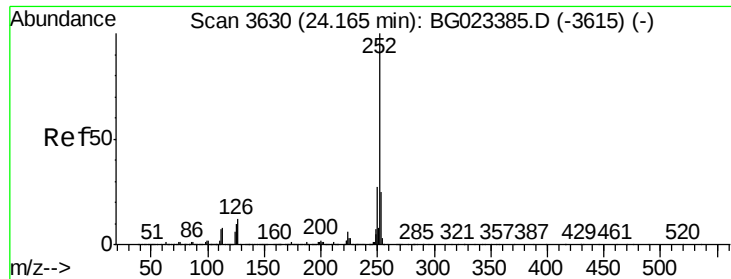
Tot Ion:276 Resp: 2852675
 Ion Ratio Lower Upper
 276 100
 138 20.0 0.0 0.0#
 277 26.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3813
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion:264 Resp: 958957
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.3 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 46.31 ng

RT: 24.16 min Scan# 3630

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

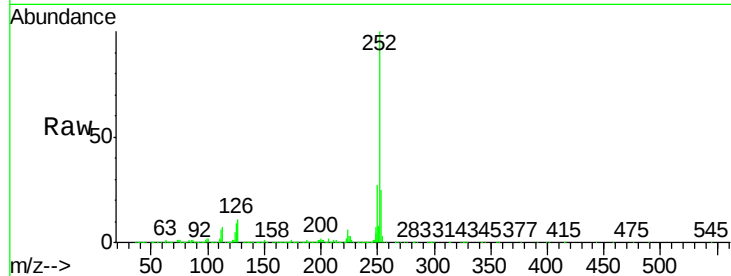
Tot Ion:252 Resp: 2498459

Ion Ratio Lower Upper

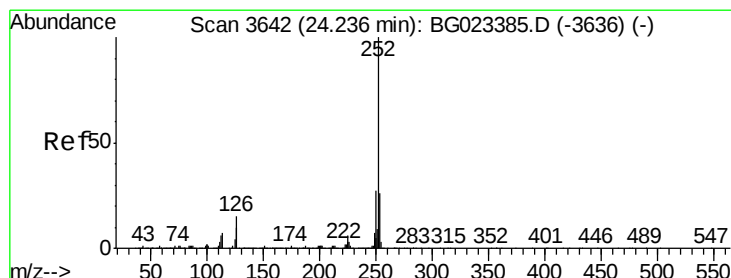
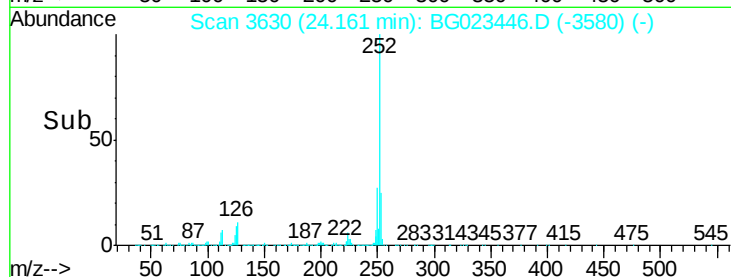
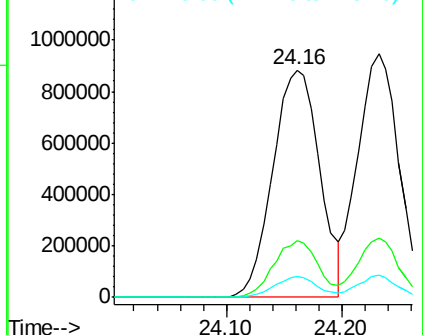
252 100

253 24.7 18.9 28.3

125 9.1 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: 45.37 ng

RT: 24.23 min Scan# 3642

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

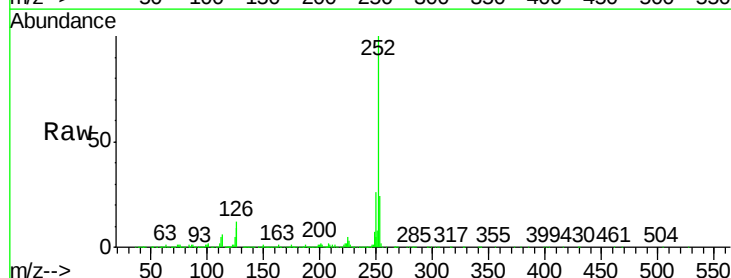
Tgt Ion:252 Resp: 2351415

Ion Ratio Lower Upper

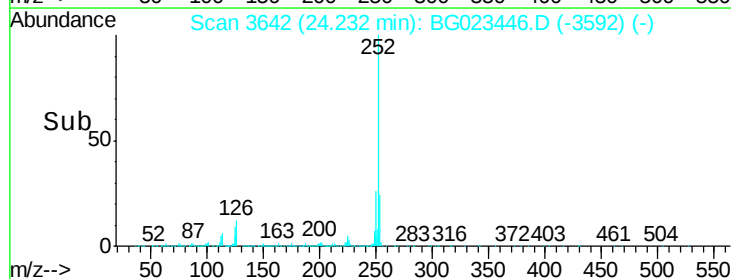
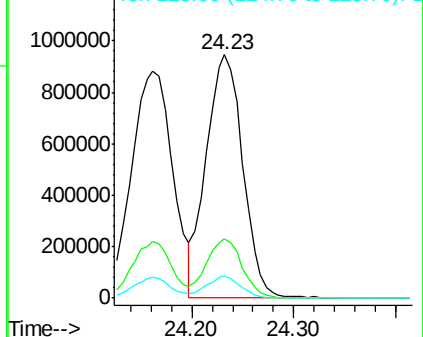
252 100

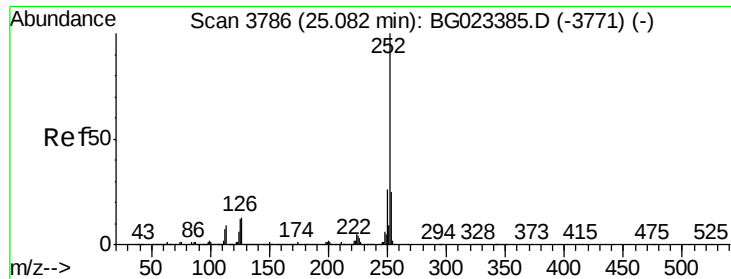
253 24.3 18.8 28.2

125 9.1 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: 46.48 ng

RT: 25.08 min Scan# 3786

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

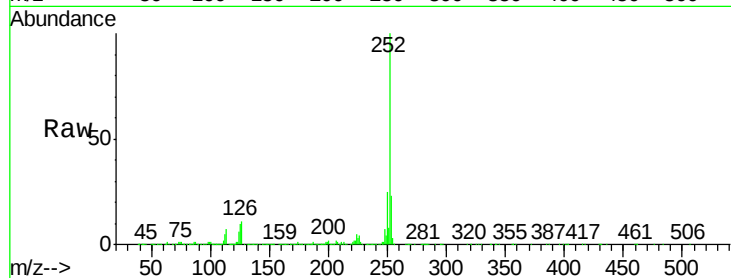
Tot Ion:252 Resp: 2385193

Ion Ratio Lower Upper

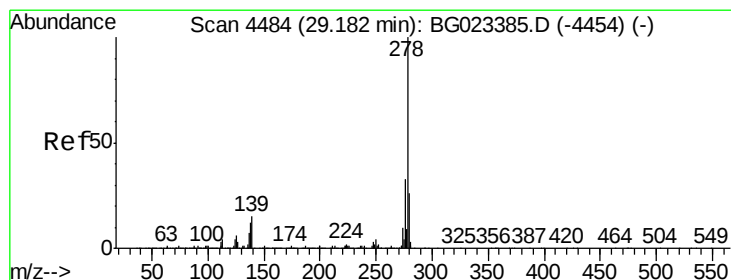
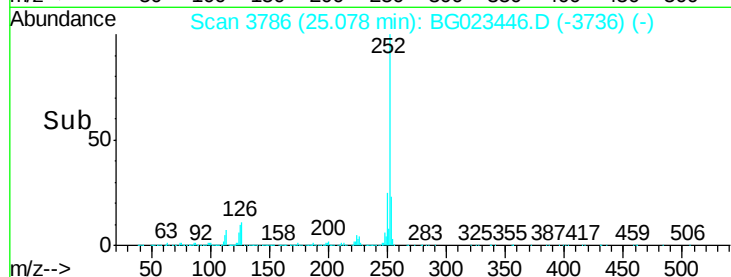
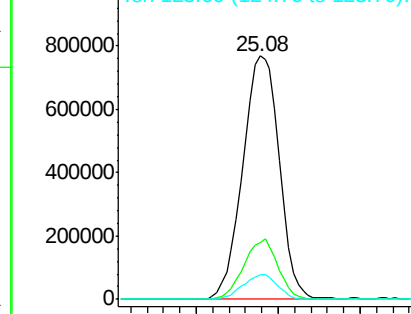
252 100

253 23.4 18.7 28.1

125 10.2 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: 46.32 ng

RT: 29.17 min Scan# 4483

Delta R.T. -0.01 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

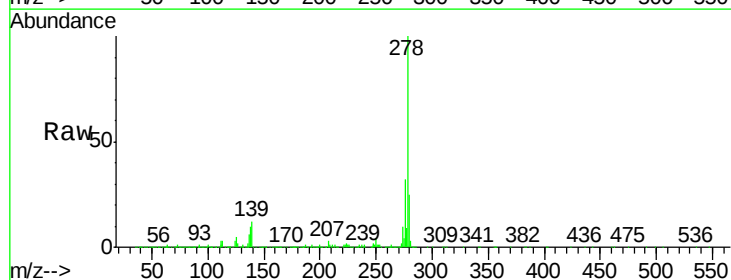
Tgt Ion:278 Resp: 2427926

Ion Ratio Lower Upper

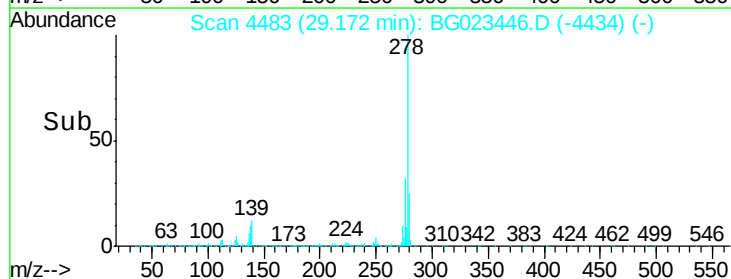
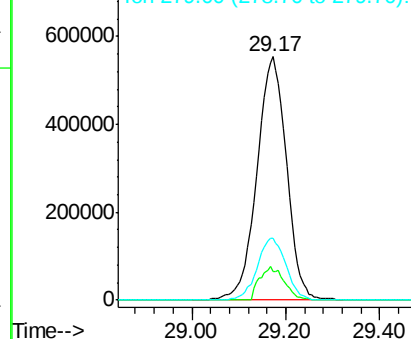
278 100

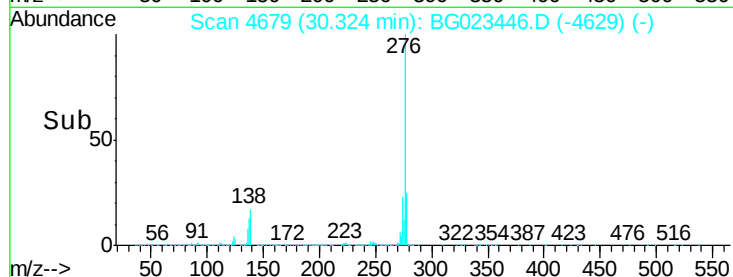
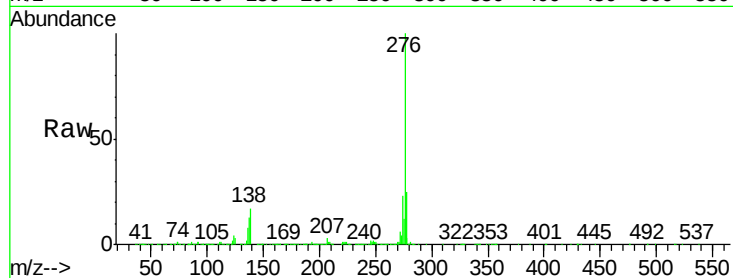
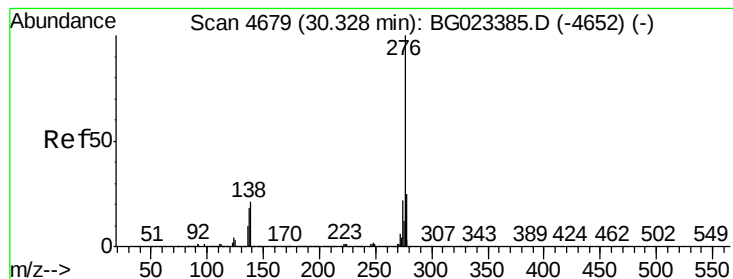
139 11.8 4.7 7.1#

279 25.3 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(a,h,i)perylene

Concen: 44.91 ng

RT: 30.32 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

Tot Ion:276 Resp: 2370544

Ion Ratio Lower Upper

276 100

277 24.7 18.6 27.8

138 16.7 6.8 10.2#

