

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023919.D
 Acq On : 26 Aug 2016 10:37
 Operator : UM/SJ
 Sample : PB93089BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93089BS

Quant Time: Aug 26 12:49:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 11:26:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	212735	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	930322	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	600577	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1339112	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1345143	20.00	ng	0.00
86) Perylene-d12	25.23	264	1366164	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	979782	77.53	ng	0.00
7) Phenol-d6	7.27	99	1452028	73.76	ng	0.02
23) Nitrobenzene-d5	9.29	82	1536587	82.11	ng	0.01
41) 2,4,6-Tribromophenol	16.28	330	574795	65.43	ng	0.01
44) 2-Fluorobiphenyl	13.39	172	2674235	75.10	ng	0.00
78) Terphenyl-d14	20.14	244	3232279	65.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	204072	37.90	ng	93
3) Pyridine	3.91	79	655620	37.05	ng	94
4) n-Nitrosodimethylamine	3.82	42	297446	45.34	ng	# 93
6) Aniline	7.43	93	959532	33.74	ng	96
8) 2-Chlorophenol	7.67	128	575996	39.67	ng	98
9) Benzaldehyde	7.24	77	498826	46.47	ng	92
10) Phenol	7.30	94	802692	38.12	ng	88
11) bis(2-Chloroethyl)ether	7.52	93	635469	37.83	ng	90
12) 1,3-Dichlorobenzene	7.99	146	659619	39.68	ng	94
13) 1,4-Dichlorobenzene	8.14	146	676441	39.75	ng	95
14) 1,2-Dichlorobenzene	8.46	146	634149	37.99	ng	92
15) Benzyl Alcohol	8.35	79	637583	42.75	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	953441	38.59	ng	90
17) 2-Methylphenol	8.57	107	549493	38.92	ng	# 87
18) Hexachloroethane	9.19	117	271560	42.40	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	611526	36.12	ng	98
20) 3+4-Methylphenols	8.89	107	757069	38.04	ng	93
22) Acetophenone	8.94	105	983645	38.62	ng	# 95
24) Nitrobenzene	9.33	77	915236	44.17	ng	# 91
25) Isophorone	9.85	82	1556097	39.92	ng	# 94
26) 2-Nitrophenol	10.05	139	381906	43.67	ng	# 83
27) 2,4-Dimethylphenol	10.10	122	603002	40.49	ng	90
28) bis(2-Chloroethoxy)methane	10.33	93	835346	35.65	ng	97
29) 2,4-Dichlorophenol	10.59	162	626313	41.83	ng	99
30) 1,2,4-Trichlorobenzene	10.80	180	658858	40.80	ng	100
31) Naphthalene	10.99	128	1799382	37.98	ng	97
32) Benzoic acid	10.32	122	485024	37.07	ng	94
33) 4-Chloroaniline	11.10	127	799216	35.29	ng	95
34) Hexachlorobutadiene	11.26	225	451387	42.50	ng	96
35) Caprolactam	11.92	113	225997	35.87	ng	# 90
36) 4-Chloro-3-methylphenol	12.24	107	750358	38.14	ng	95
37) 2-Methylnaphthalene	12.59	142	1320832	36.67	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	898725	41.27	ng	99
40) Hexachlorocyclopentadiene	12.94	237	274436	24.99	ng	97

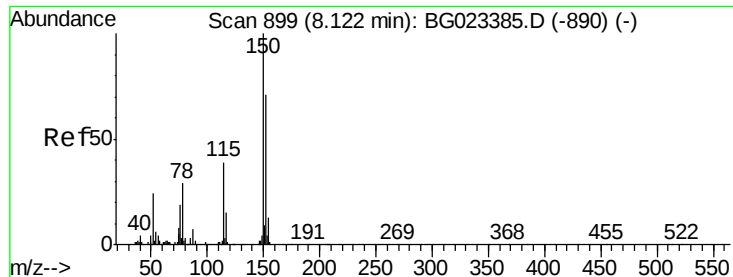
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	520072	40.09	ng	98
43) 2,4,5-Trichlorophenol	13.29	196	519538	38.90	ng	96
45) 1,1'-Biphenyl	13.60	154	1754460	38.21	ng	91
46) 2-Chloronaphthalene	13.65	162	1386591	39.04	ng	93
47) 2-Nitroaniline	13.86	65	596322	40.44	ng	# 86
48) Acenaphthylene	14.50	152	2119481	37.75	ng	95
49) Dimethylphthalate	14.22	163	1820821	39.52	ng	96
50) 2,6-Dinitrotoluene	14.36	165	427038	39.13	ng	87
51) Acenaphthene	14.84	154	1378330	38.75	ng	97
52) 3-Nitroaniline	14.70	138	437266	35.54	ng	# 79
53) 2,4-Dinitrophenol	14.91	184	230106	32.90	ng	91
54) Dibenzofuran	15.17	168	1905318	36.90	ng	98
55) 4-Nitrophenol	15.02	139	305696	31.63	ng	# 86
56) 2,4-Dinitrotoluene	15.16	165	606196	39.58	ng	99
57) Fluorene	15.83	166	1678842	37.26	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.41	232	435996	35.57	ng	90
59) Diethylphthalate	15.59	149	1790754	38.28	ng	95
60) 4-Chlorophenyl-phenylether	15.81	204	906566	38.02	ng	99
61) 4-Nitroaniline	15.87	138	471527	35.99	ng	# 68
62) Azobenzene	16.11	77	1807782	38.13	ng	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	355373	39.03	ng	91
65) n-Nitrosodiphenylamine	16.03	169	1516691	38.61	ng	# 93
66) 4-Bromophenyl-phenylether	16.71	248	627908	40.23	ng	98
67) Hexachlorobenzene	16.84	284	660017	38.65	ng	95
68) Atrazine	16.98	200	603369	40.01	ng	97
69) Pentachlorophenol	17.19	266	312271	31.37	ng	100
70) Phenanthrene	17.58	178	2505409	36.87	ng	# 92
71) Anthracene	17.67	178	2563685	37.51	ng	93
72) Carbazole	17.95	167	2334486	38.90	ng	94
73) Di-n-butylphthalate	18.48	149	2735977	44.95	ng	95
74) Fluoranthene	19.59	202	2819365	43.92	ng	90
76) Benzidine	19.77	184	1245843	33.32	ng	99
77) Pyrene	19.96	202	2854006	35.63	ng	93
79) Butylbenzylphthalate	20.82	149	1431573	44.20	ng	99
80) Benzo(a)anthracene	21.84	228	2858200	38.49	ng	96
81) 3,3'-Dichlorobenzidine	21.74	252	1152639	37.85	ng	# 92
82) Chrysene	21.91	228	2693868	38.13	ng	91
83) Bis(2-ethylhexyl)phthalate	21.70	149	1925462	43.41	ng	97
84) Di-n-octyl phthalate	22.96	149	3113313	41.13	ng	97
85) Indeno(1,2,3-cd)pyrene	29.13	276	3474965	39.37	ng	# 100
87) Benzo(b)fluoranthene	24.16	252	3094020	40.25	ng	# 94
88) Benzo(k)fluoranthene	24.23	252	2837195	38.43	ng	# 94
89) Benzo(a)pyrene	25.08	252	2924278	40.00	ng	# 95
90) Dibenzo(a,h)anthracene	29.20	278	2927427	39.20	ng	# 92
91) Benzo(g,h,i)perylene	30.35	276	2722724	36.21	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. 0.01 min

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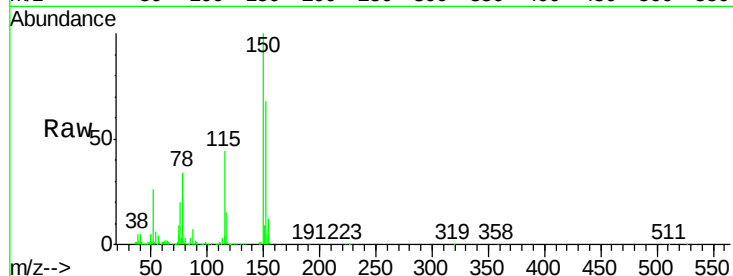
Tgt Ion:152 Resp: 212735

Ion Ratio Lower Upper

152 100

150 148.0 144.7 217.1

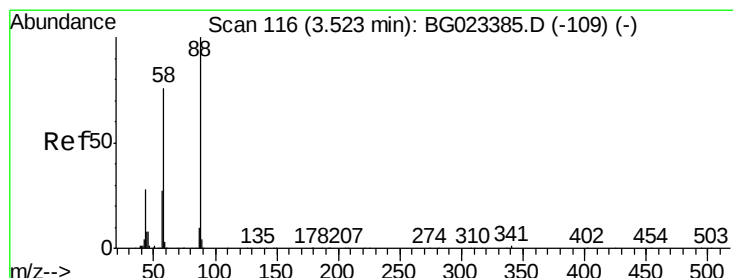
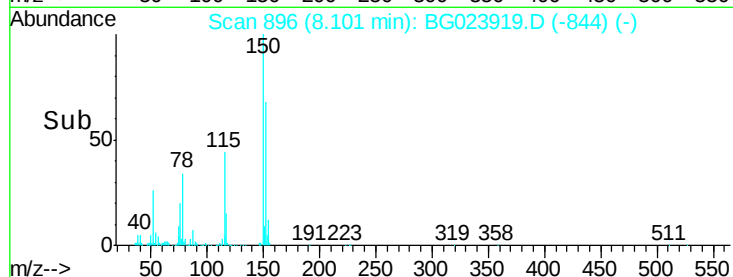
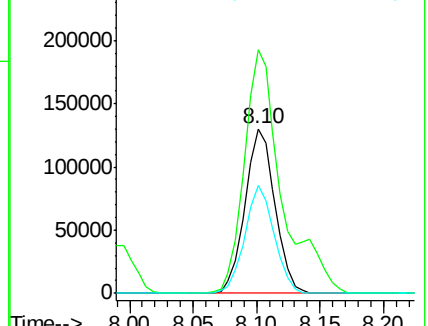
115 65.4 64.0 96.0



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: 37.90 ng

RT: 3.50 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

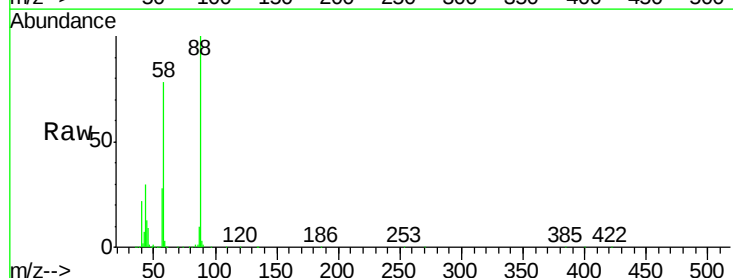
Tgt Ion: 88 Resp: 204072

Ion Ratio Lower Upper

88 100

58 79.3 60.4 90.6

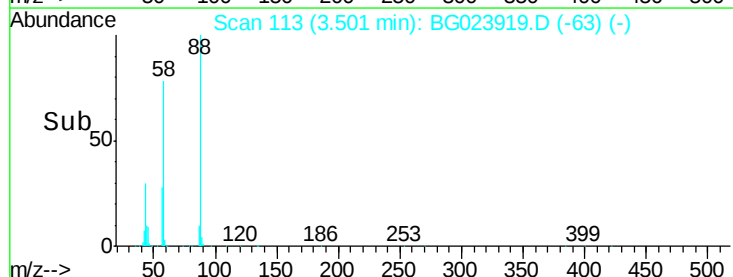
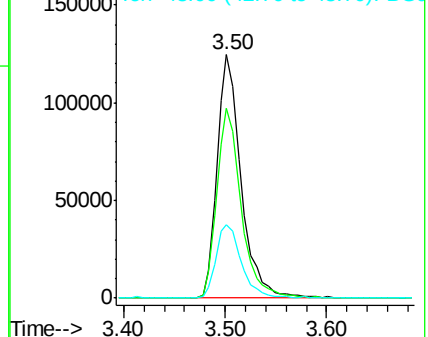
43 31.9 31.1 46.7

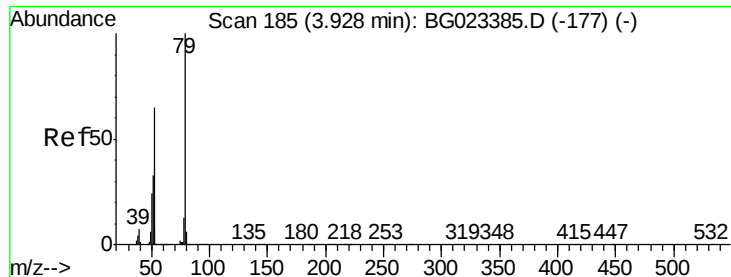


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.05 ng

RT: 3.91 min Scan# 183

Delta R.T. 0.00 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

PB93089BS

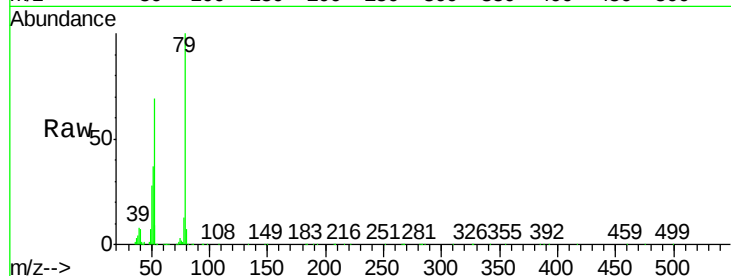
Tgt Ion: 79 Resp: 655620

Ion Ratio Lower Upper

79 100

52 68.8 51.8 77.8

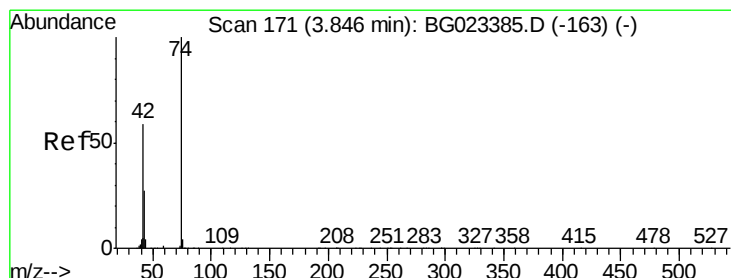
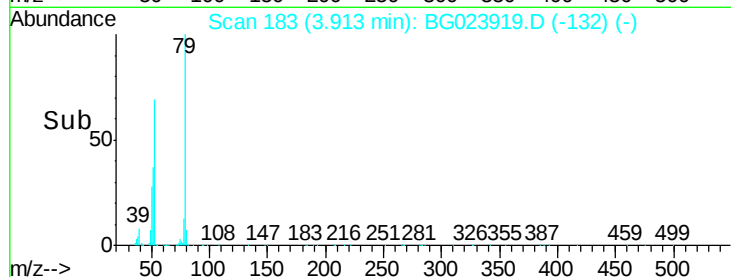
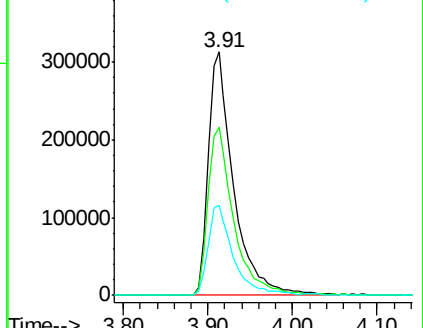
51 37.0 32.7 49.1



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: 45.34 ng

RT: 3.82 min Scan# 168

Delta R.T. -0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

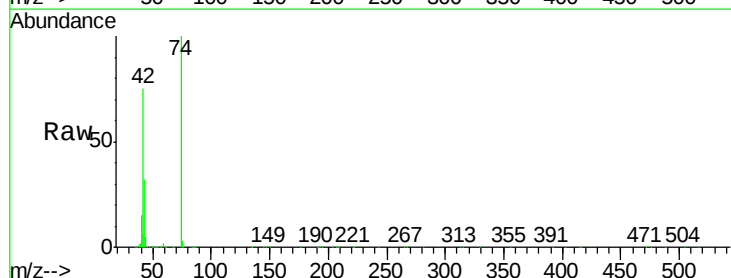
Tgt Ion: 42 Resp: 297446

Ion Ratio Lower Upper

42 100

74 133.9 100.6 150.8

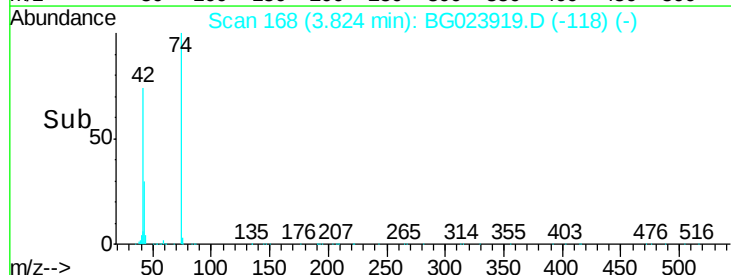
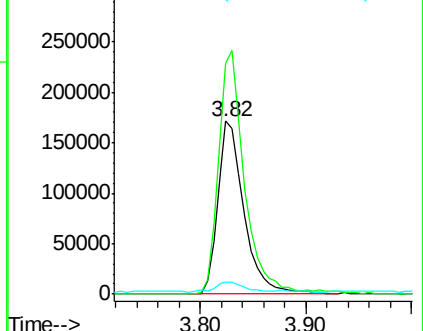
44 7.3 4.5 6.7#

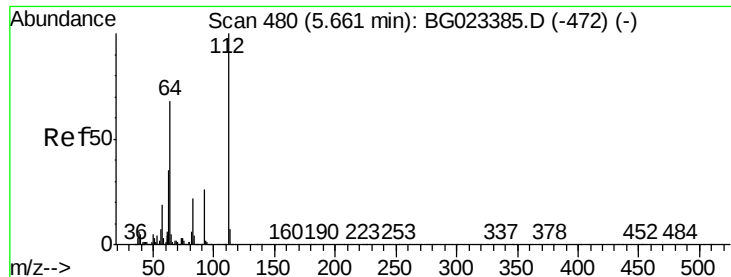


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 77.53 ng

RT: 5.65 min Scan# 478

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

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ClientSampleId :

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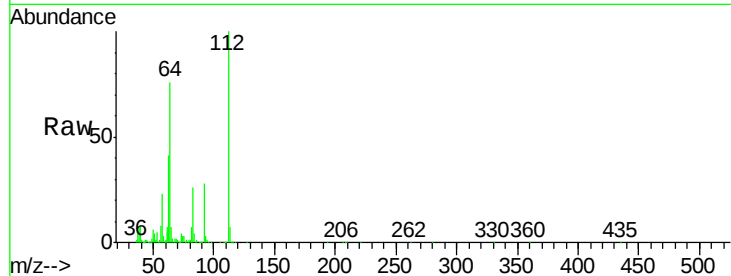
Tgt Ion: 112 Resp: 979782

Ion Ratio Lower Upper

112 100

64 76.2 59.0 88.4

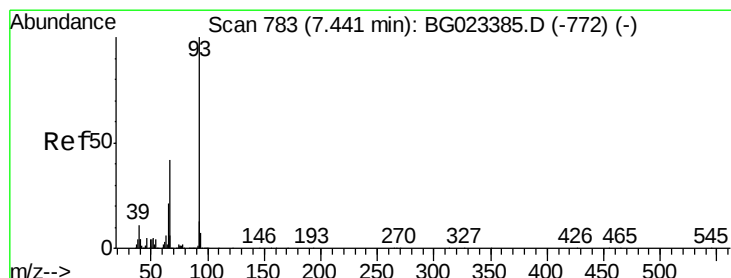
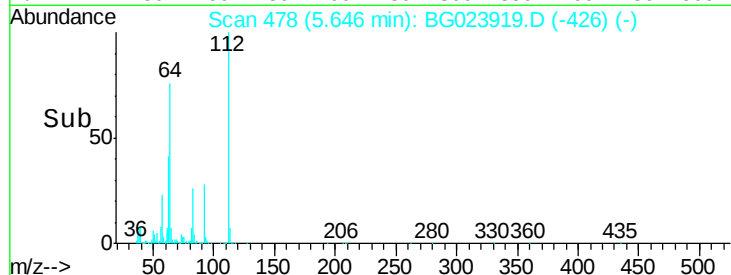
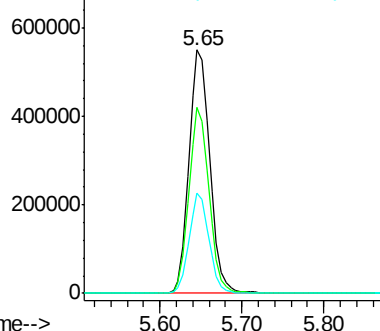
63 41.1 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.74 ng

RT: 7.43 min Scan# 781

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

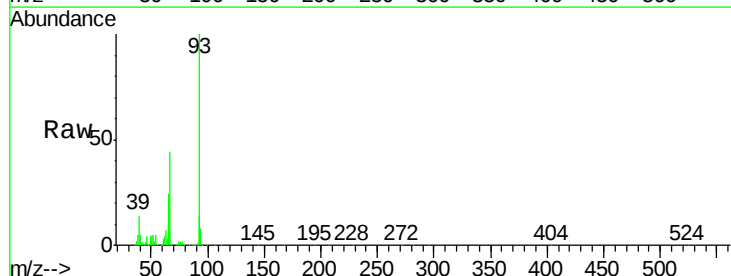
Tgt Ion: 93 Resp: 959532

Ion Ratio Lower Upper

93 100

66 43.9 37.5 56.3

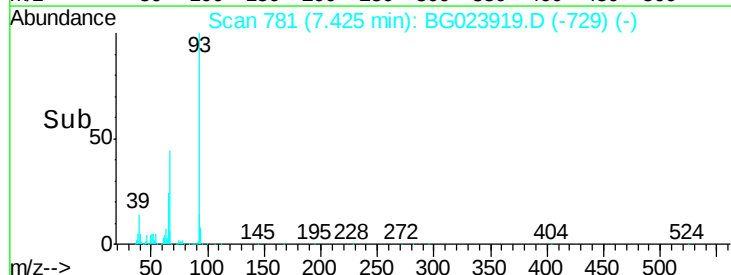
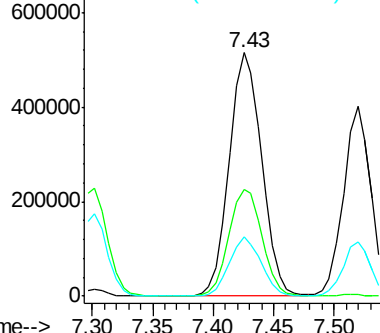
65 24.2 17.9 26.9

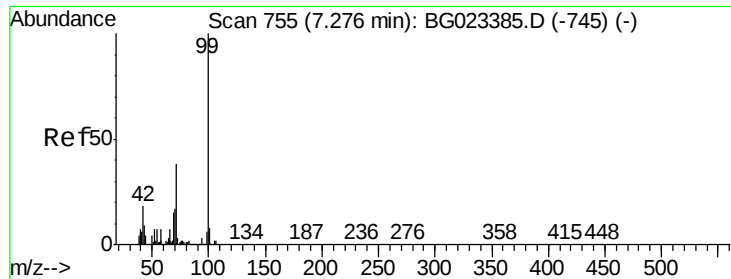


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 73.76 ng

RT: 7.27 min Scan# 755

Delta R.T. 0.02 min

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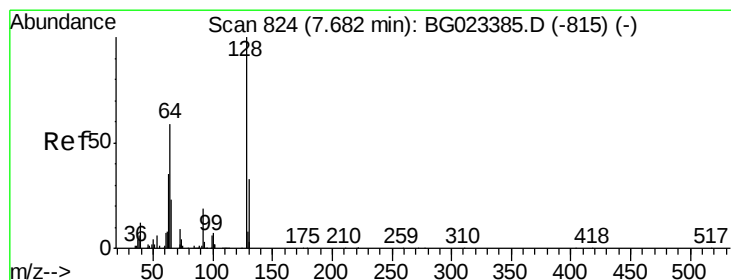
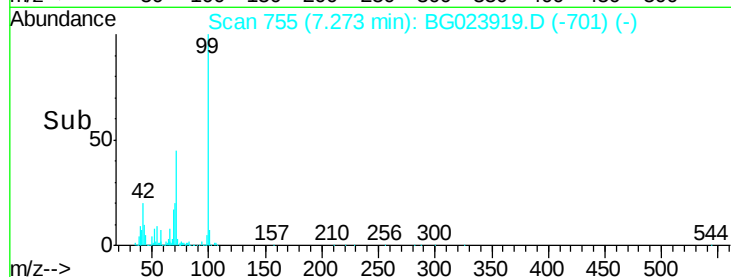
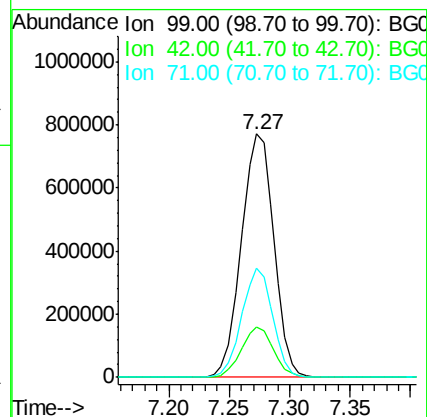
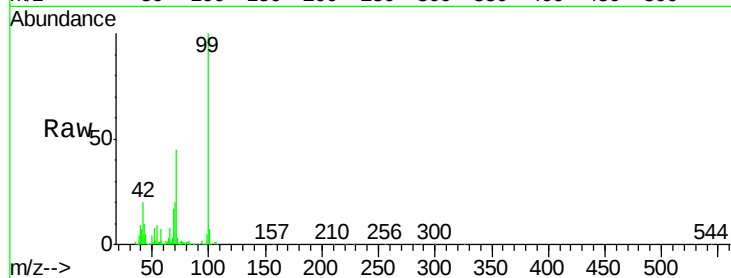
Tgt Ion: 99 Resp: 1452028

Ion Ratio Lower Upper

99 100

42 20.5 17.8 26.6

71 44.9 41.5 62.3



#8

2-Chlorophenol

Concen: 39.67 ng

RT: 7.67 min Scan# 823

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

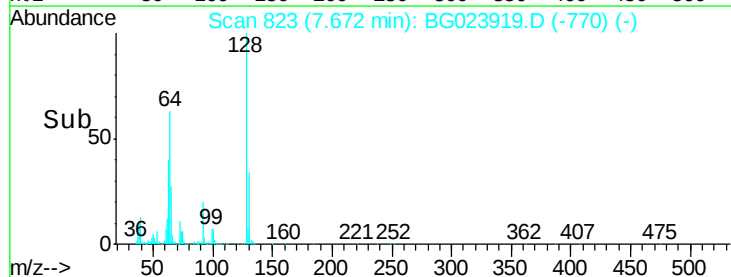
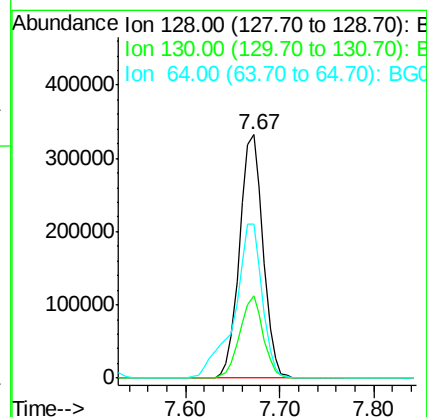
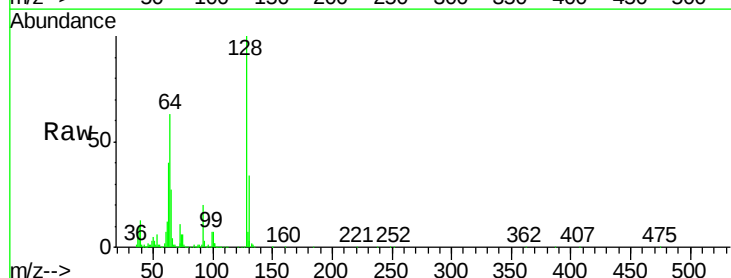
Tgt Ion: 128 Resp: 575996

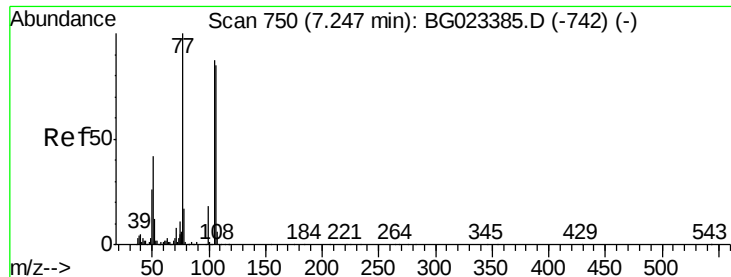
Ion Ratio Lower Upper

128 100

130 34.0 12.9 52.9

64 63.1 42.0 82.0





#9

Benzaldehyde

Concen: 46.47 ng

RT: 7.24 min Scan# 749

Delta R.T. 0.01 min

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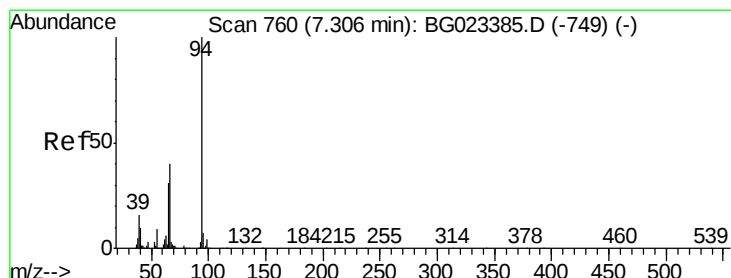
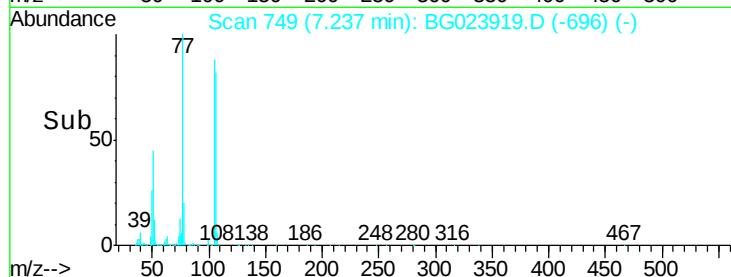
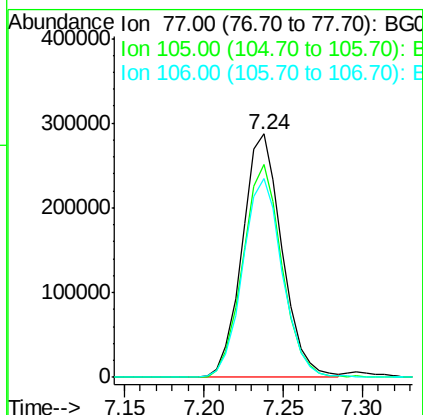
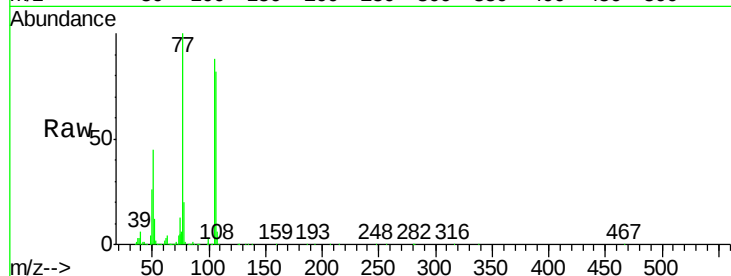
Tgt Ion: 77 Resp: 498826

Ion Ratio Lower Upper

77 100

105 87.7 58.7 98.7

106 81.5 67.5 107.5



#10

Phenol

Concen: 38.12 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.02 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

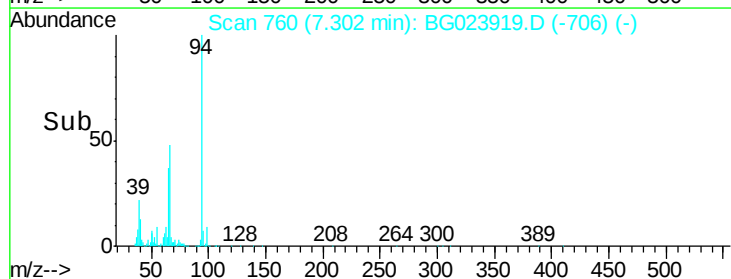
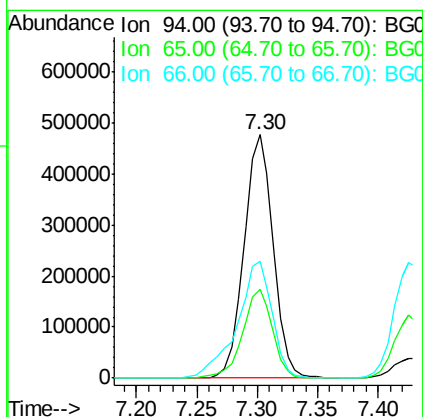
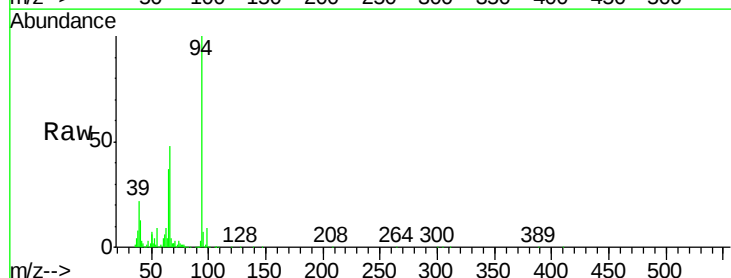
Tgt Ion: 94 Resp: 802692

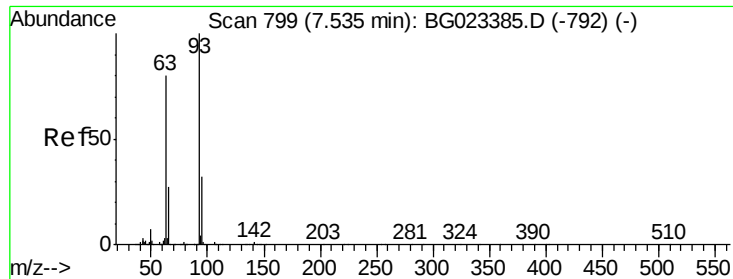
Ion Ratio Lower Upper

94 100

65 36.6 18.1 58.1

66 47.9 42.1 82.1

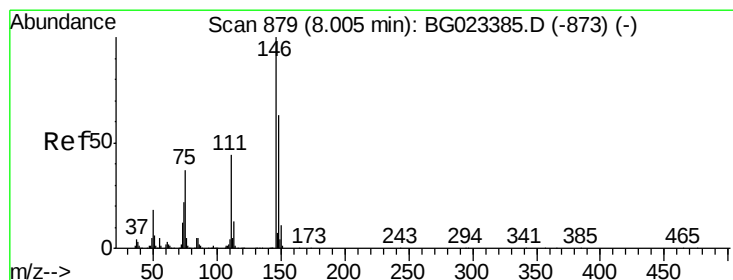
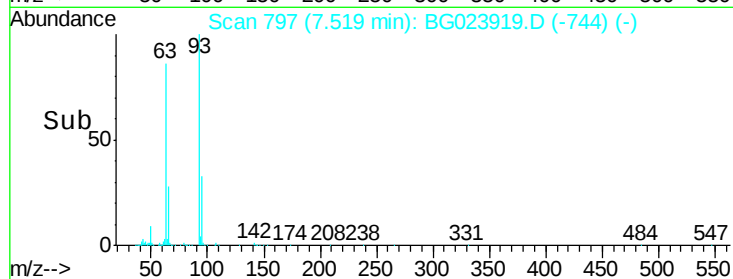
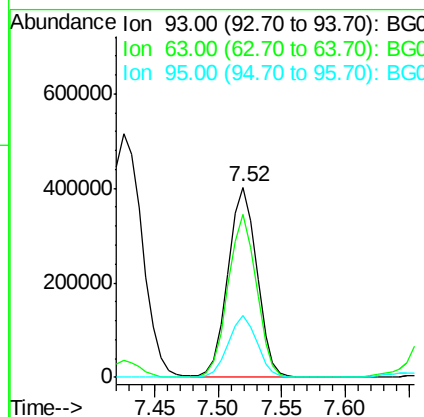
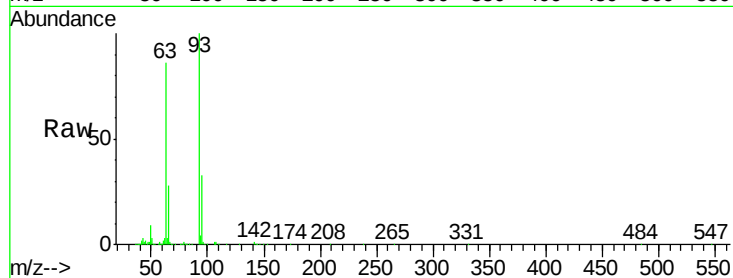




#11
bis(2-Chloroethyl)ether
Concen: 37.83 ng
RT: 7.52 min Scan# 797
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

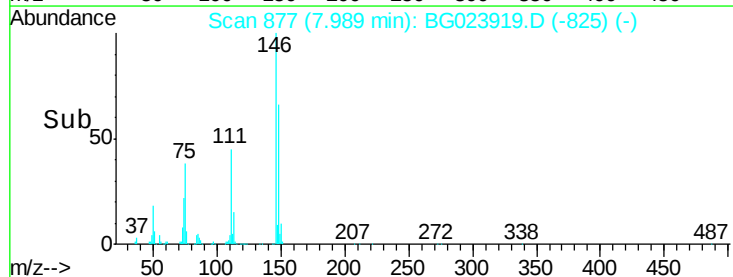
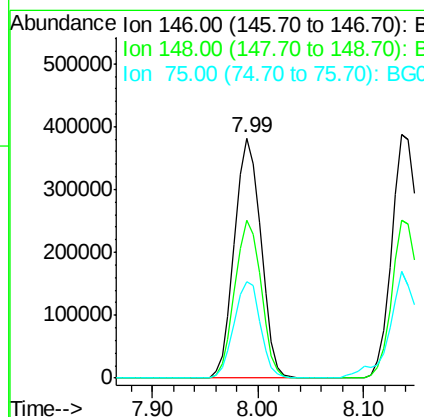
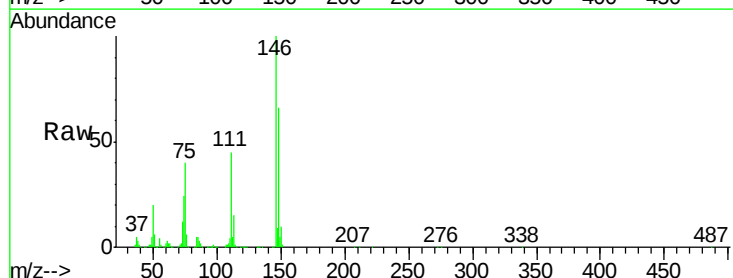
Instrument :
BNA_G
ClientSampleId :
PB93089BS

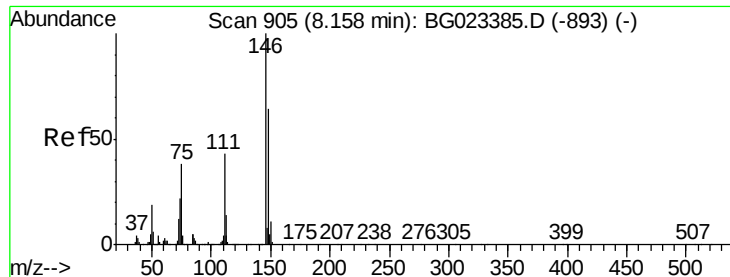
Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.8	55.0	95.0
95	32.8	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 39.68 ng
RT: 7.99 min Scan# 877
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.3	75.5
75	40.4	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 39.75 ng

RT: 8.14 min Scan# 902

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

PB93089BS

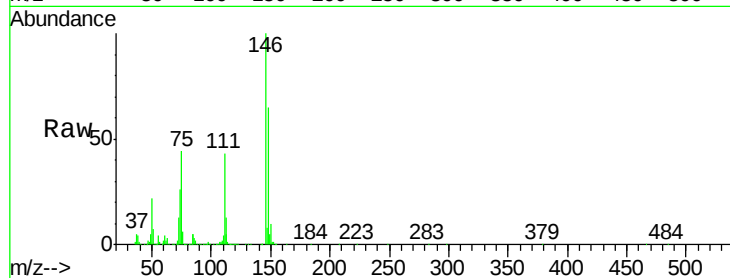
Tgt Ion:146 Resp: 676441

Ion Ratio Lower Upper

146 100

148 64.6 54.5 81.7

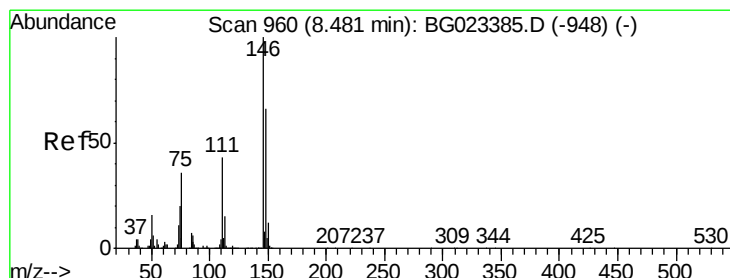
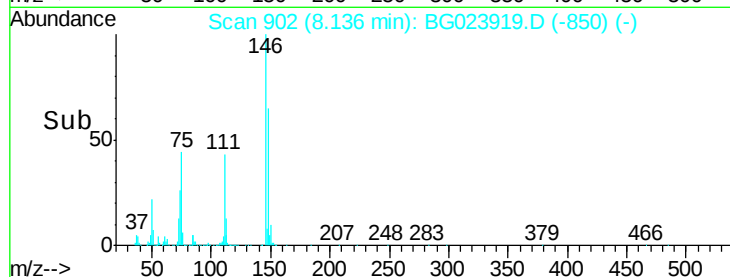
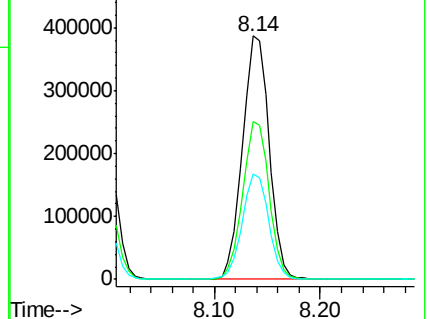
111 43.2 37.8 56.8



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



#14

1,2-Dichlorobenzene

Concen: 37.99 ng

RT: 8.46 min Scan# 957

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

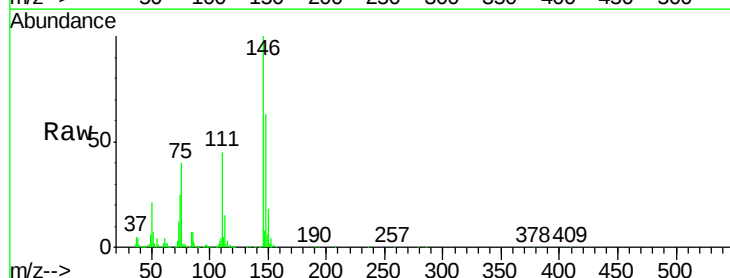
Tgt Ion:146 Resp: 634149

Ion Ratio Lower Upper

146 100

148 63.0 52.9 79.3

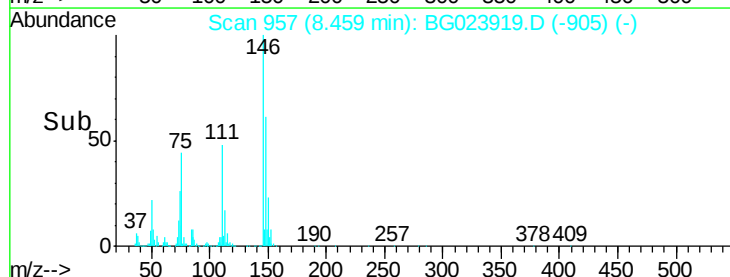
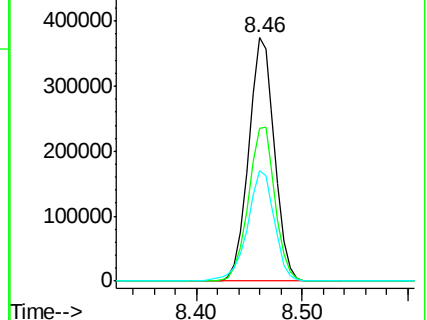
111 45.3 43.5 65.3

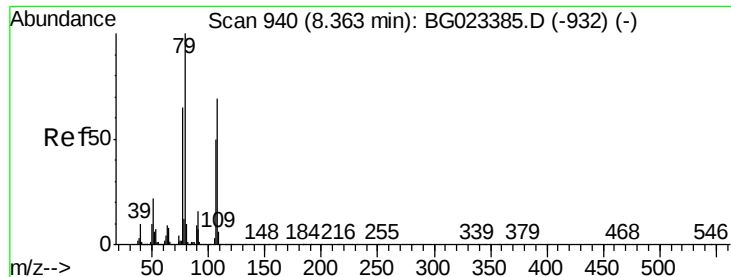


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.75 ng

RT: 8.35 min Scan# 939

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

PB93089BS

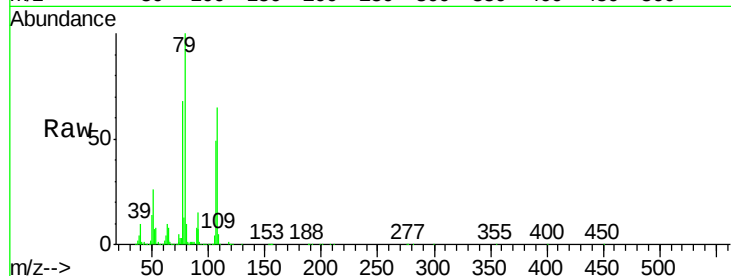
Tgt Ion: 79 Resp: 637583

Ion Ratio Lower Upper

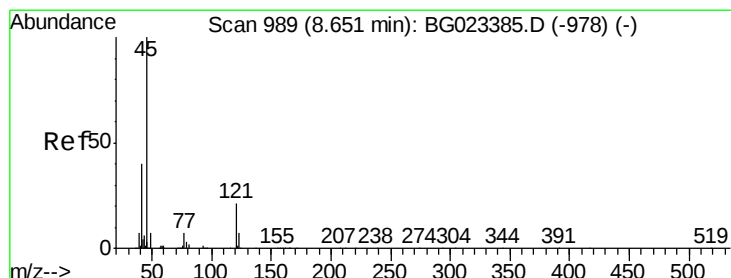
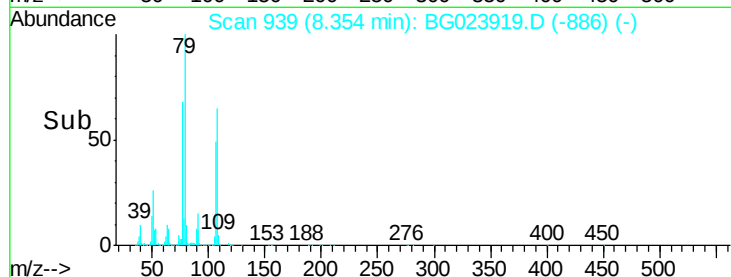
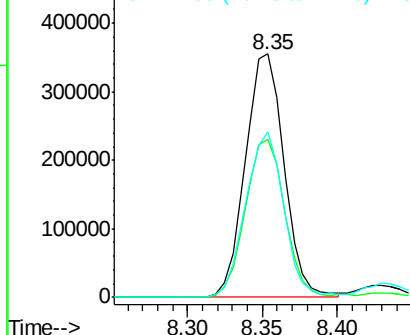
79 100

108 64.7 46.5 69.7

77 67.9 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: 38.59 ng

RT: 8.63 min Scan# 986

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

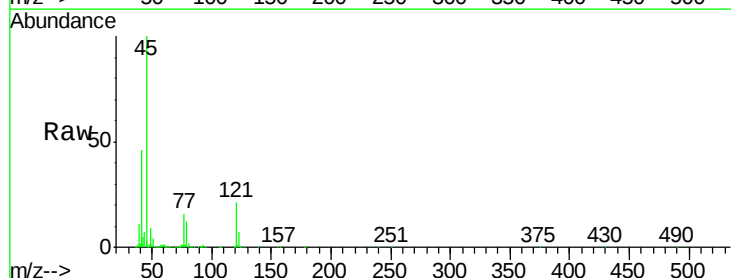
Tgt Ion: 45 Resp: 953441

Ion Ratio Lower Upper

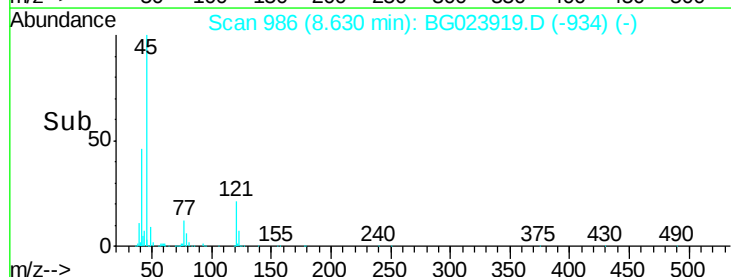
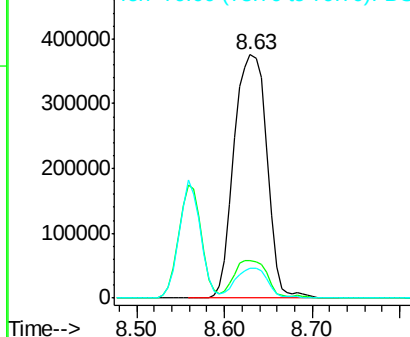
45 100

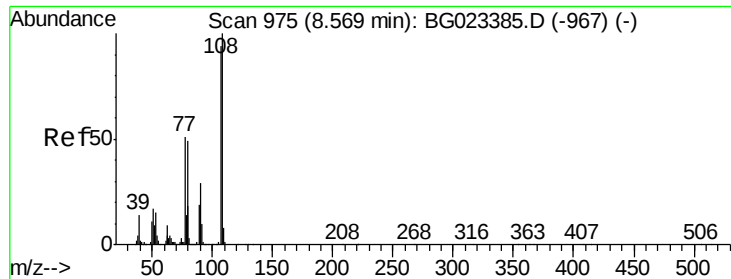
77 15.5 0.6 40.6

79 12.3 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

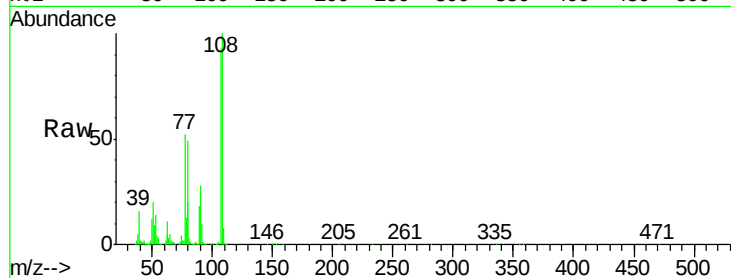




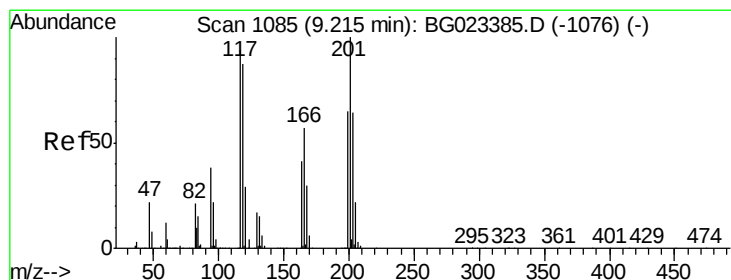
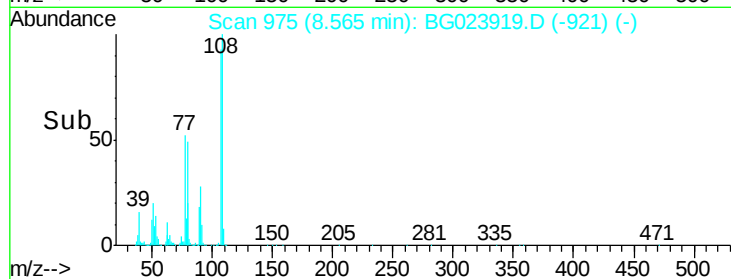
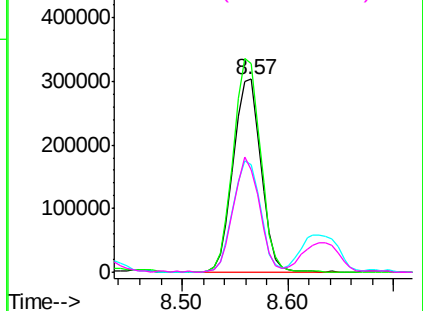
#17
 2-Methylphenol
 Concen: 38.92 ng
 RT: 8.57 min Scan# 975
 Delta R.T. 0.02 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB93089BS

Tgt Ion:	107	Resp:	549493
Ion	Ratio	Lower	Upper
107	100		
108	108.1	92.0	138.0
77	56.0	55.8	83.6
79	52.8	55.0	82.6

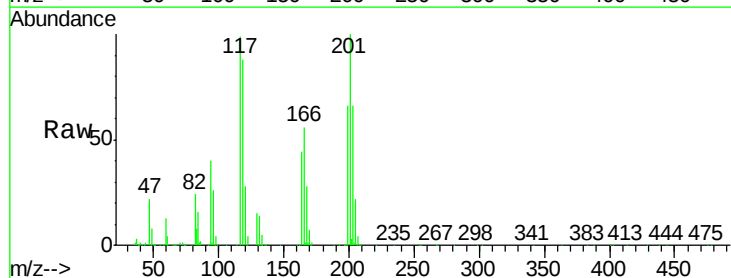


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

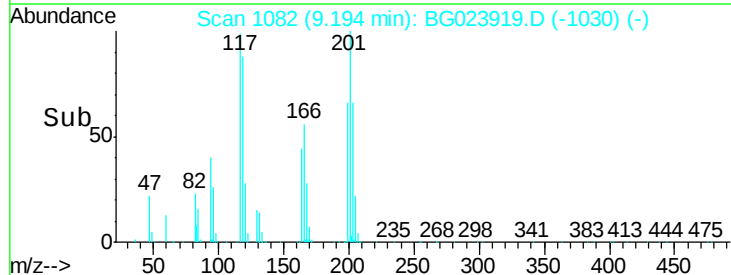
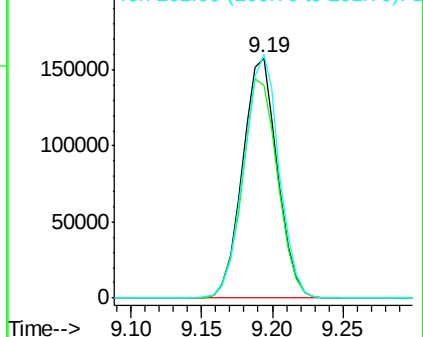


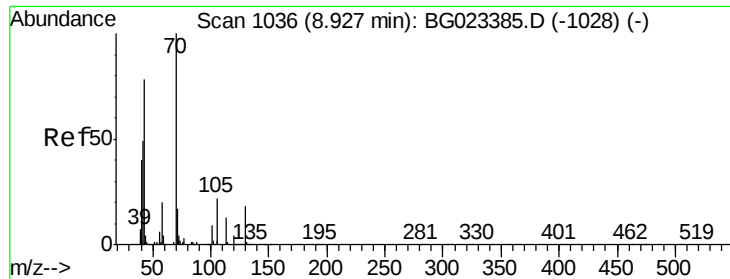
#18
 Hexachloroethane
 Concen: 42.40 ng
 RT: 9.19 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Tgt Ion:	117	Resp:	271560
Ion	Ratio	Lower	Upper
117	100		
119	88.7	73.7	110.5
201	101.3	88.7	133.1



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

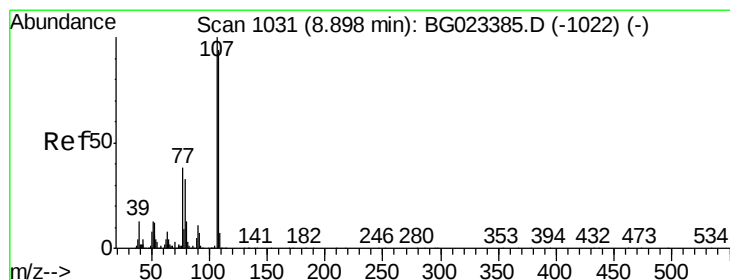
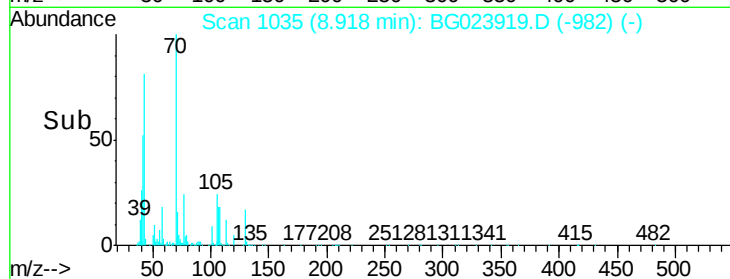
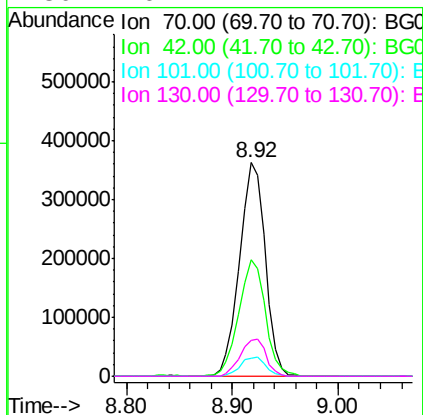
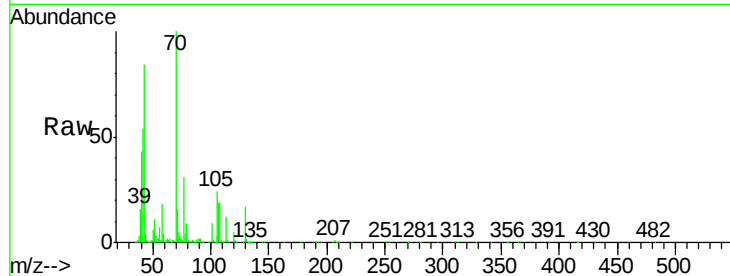




#19
n-Nitroso-di-n-propylamine
Concen: 36.12 ng
RT: 8.92 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

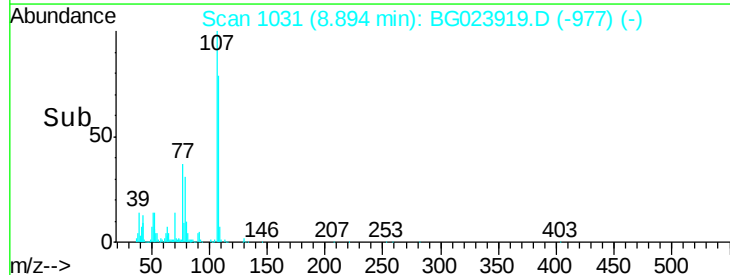
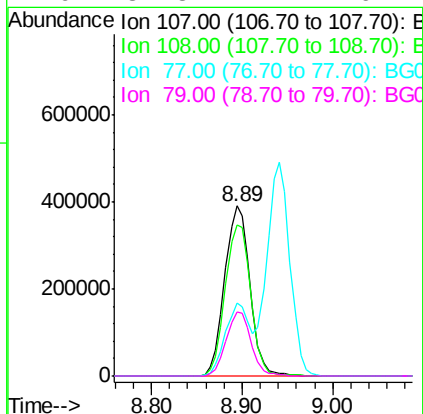
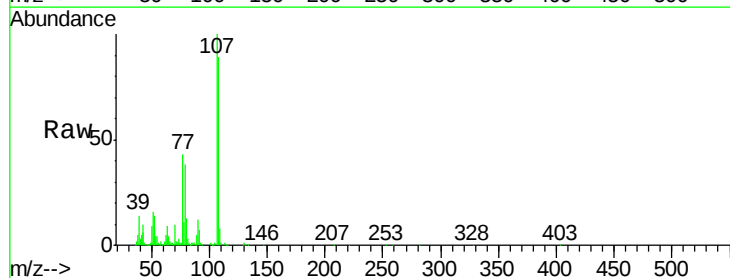
Instrument :
BNA_G
ClientSampleId :
PB93089BS

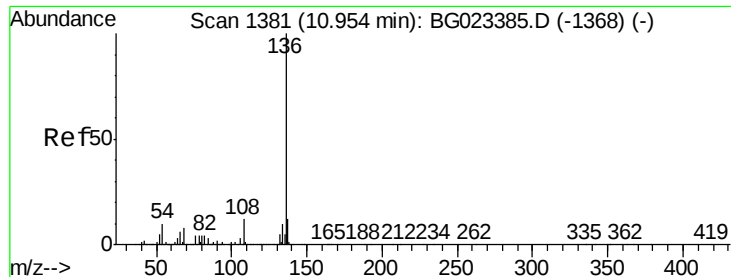
Tgt Ion:	70	Resp:	611526
Ion	Ratio	Lower	Upper
70	100		
42	54.3	42.1	63.1
101	8.7	7.2	10.8
130	16.7	14.2	21.2



#20
3+4-Methylphenols
Concen: 38.04 ng
RT: 8.89 min Scan# 1031
Delta R.T. 0.02 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Tgt Ion:	107	Resp:	757069
Ion	Ratio	Lower	Upper
107	100		
108	88.8	72.5	112.5
77	43.1	30.1	70.1
79	37.8	24.2	64.2

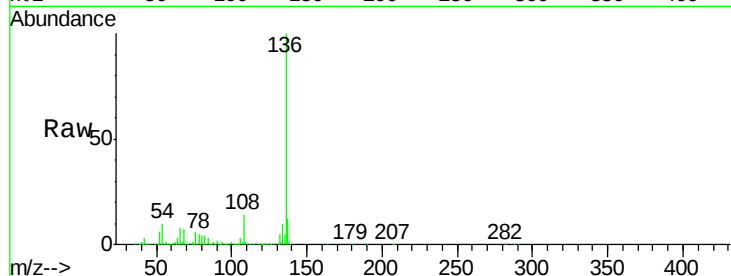




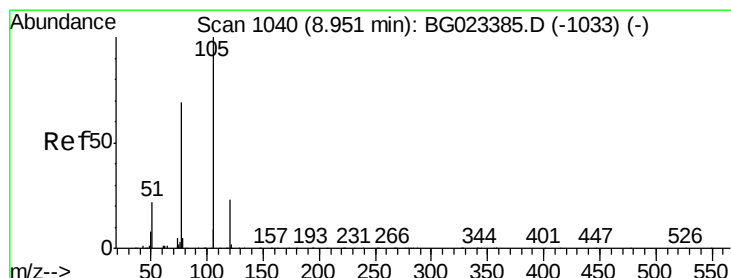
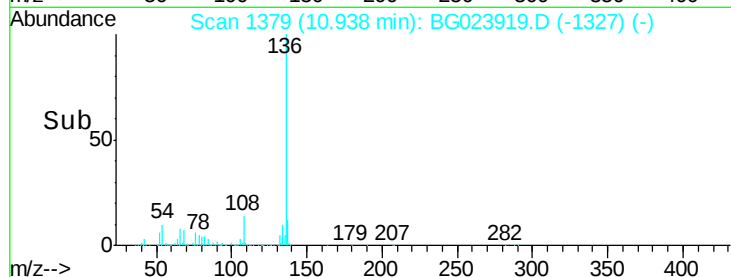
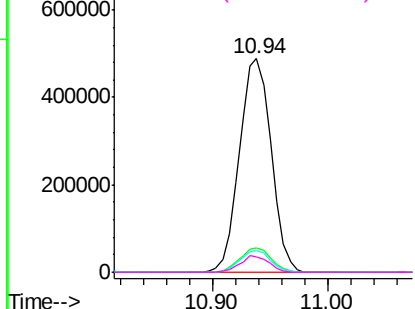
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Instrument :
BNA_G
ClientSampleId :
PB93089BS

Tgt Ion:	136	Resp:	930322
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.3	7.3	10.9
68	7.0	5.3	7.9

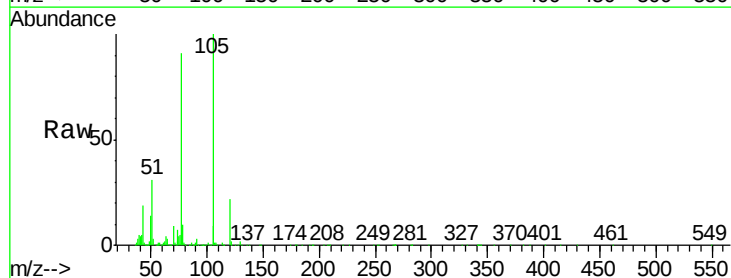


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

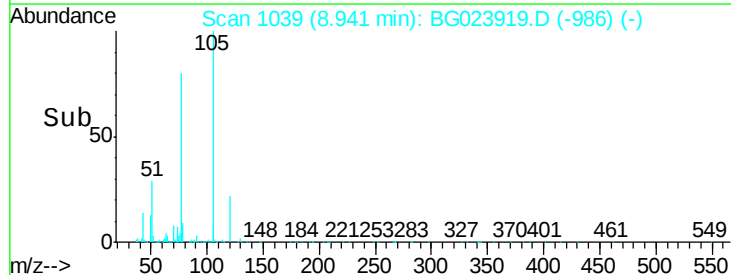
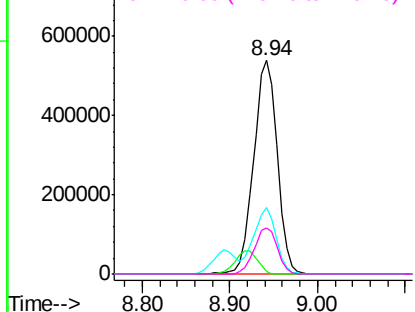


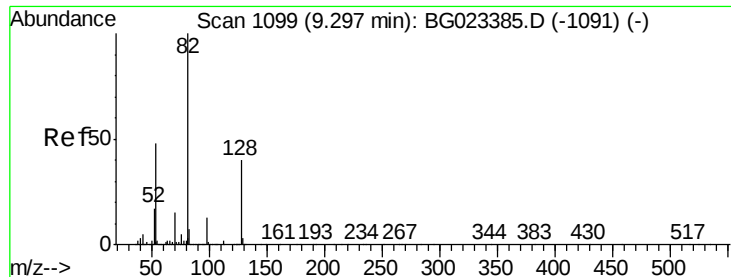
#22
Acetophenone
Concen: 38.62 ng
RT: 8.94 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Tgt Ion:	105	Resp:	983645
Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.6	3.8#
51	31.4	27.1	40.7
120	21.8	15.1	22.7



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

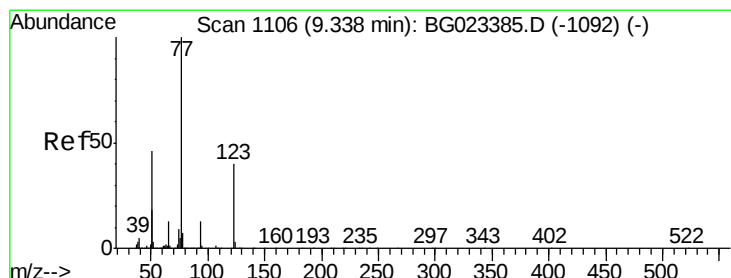
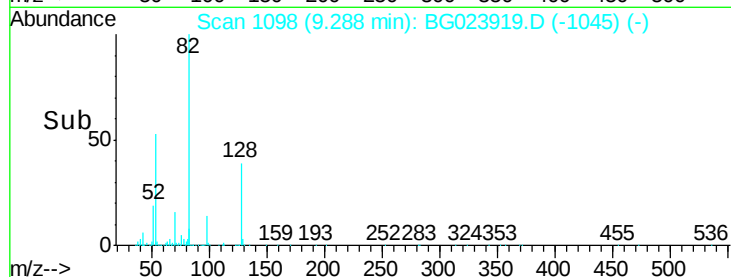
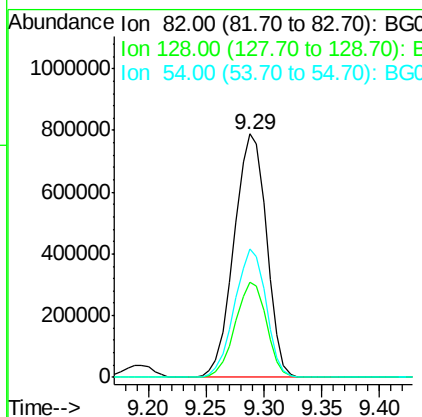
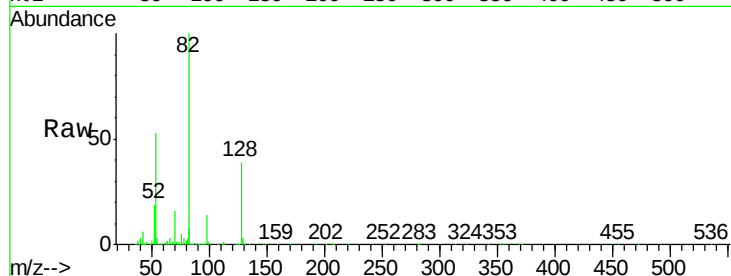




#23
 Nitrobenzene-d5
 Concen: 82.11 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

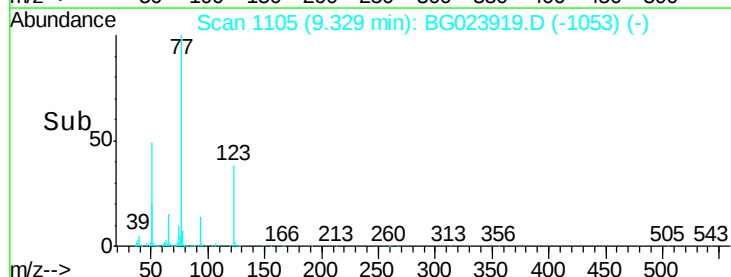
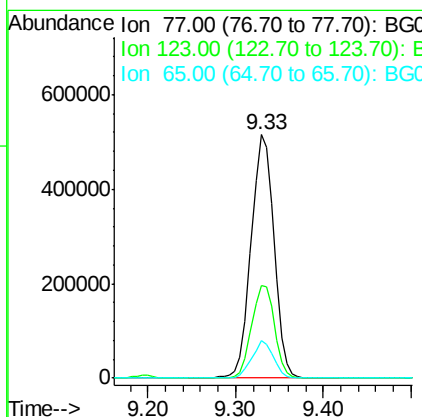
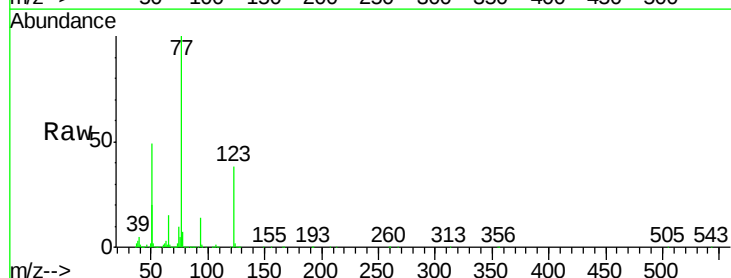
Instrument :
 BNA_G
 ClientSampleId :
 PB93089BS

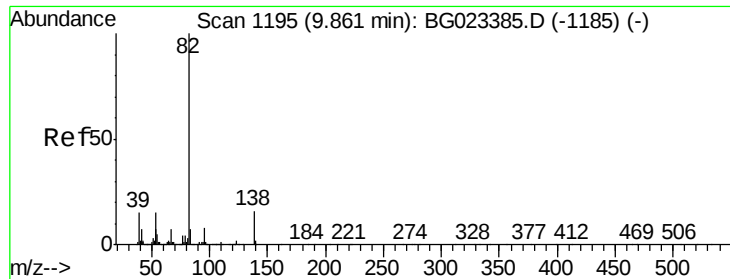
Tgt Ion: 82 Resp: 1536587
 Ion Ratio Lower Upper
 82 100
 128 39.2 24.4 36.6#
 54 52.6 41.4 62.0



#24
 Nitrobenzene
 Concen: 44.17 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Tgt Ion: 77 Resp: 915236
 Ion Ratio Lower Upper
 77 100
 123 38.0 25.0 37.6#
 65 15.2 13.4 20.0

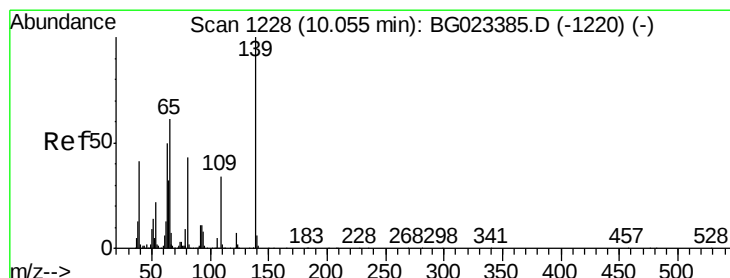
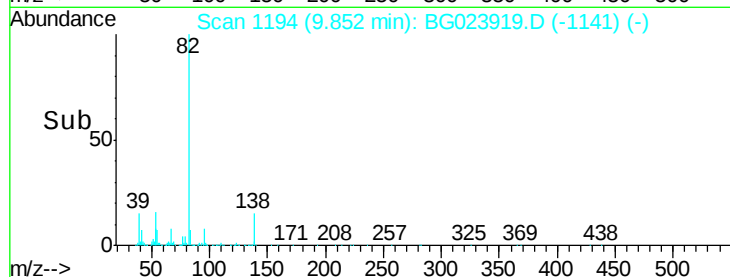
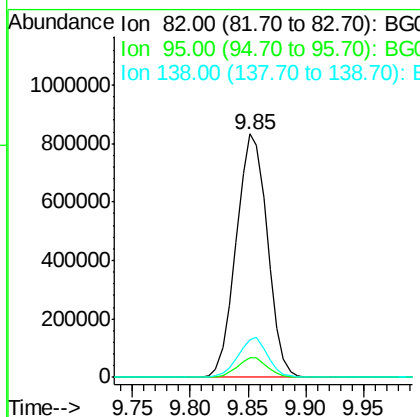
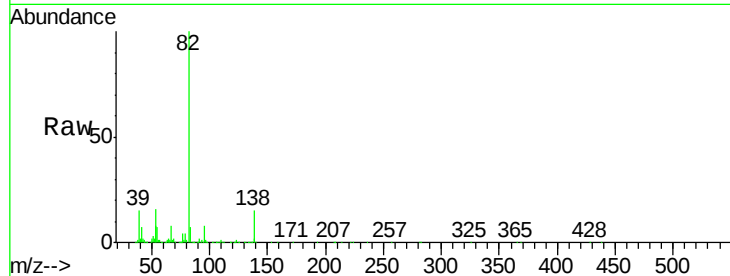




#25
Isophorone
Concen: 39.92 ng
RT: 9.85 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

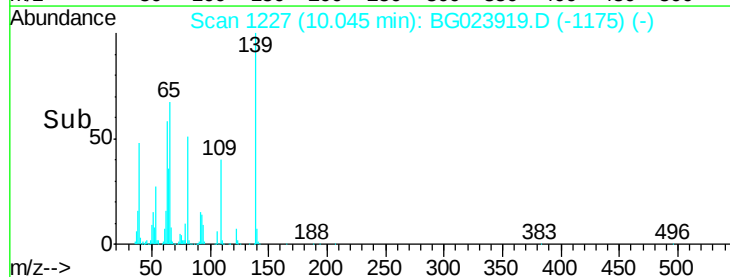
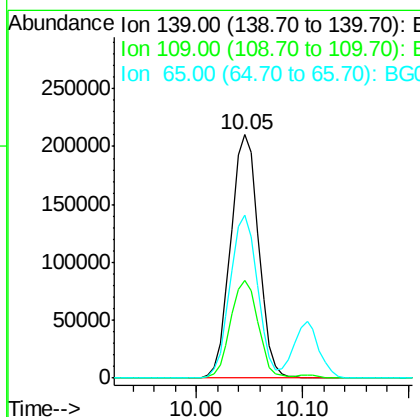
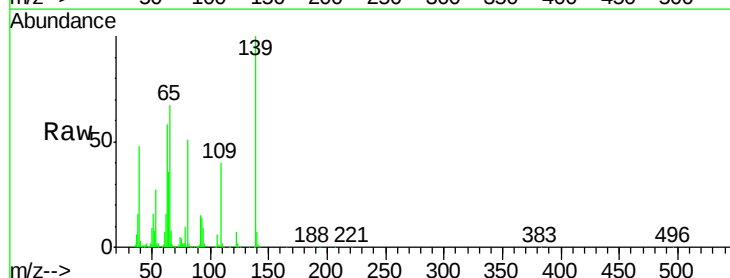
Instrument :
BNA_G
ClientSampleId :
PB93089BS

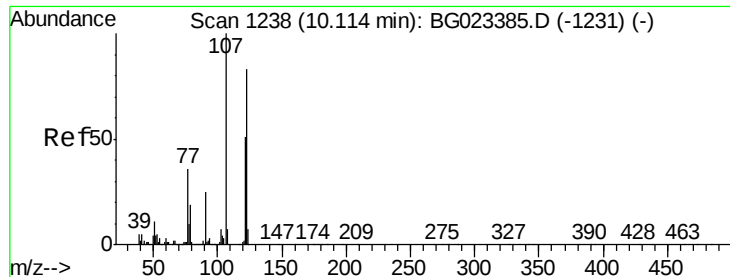
Tgt Ion: 82 Resp: 1556097
Ion Ratio Lower Upper
82 100
95 7.9 8.2 12.2#
138 15.5 10.7 16.1



#26
2-Nitrophenol
Concen: 43.67 ng
RT: 10.05 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Tgt Ion: 139 Resp: 381906
Ion Ratio Lower Upper
139 100
109 40.2 43.5 65.3#
65 67.0 64.3 96.5

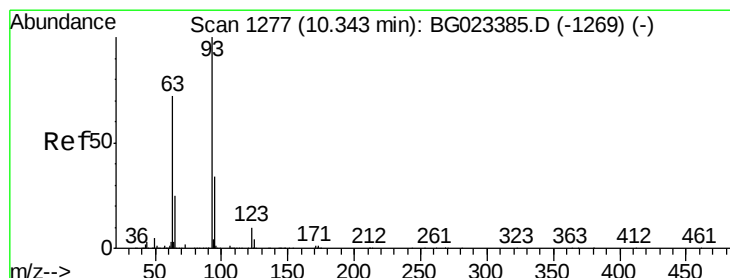
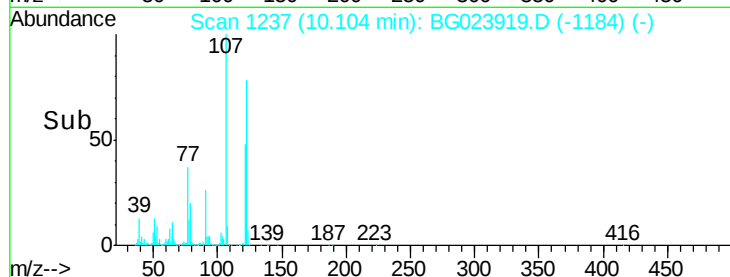
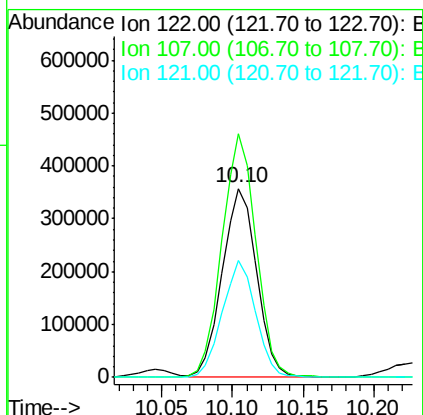
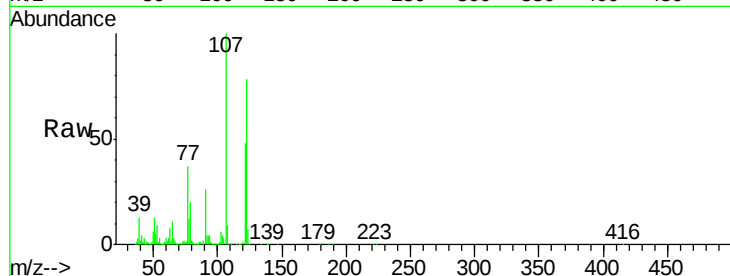




#27
 2,4-Dimethylphenol
 Concen: 40.49 ng
 RT: 10.10 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

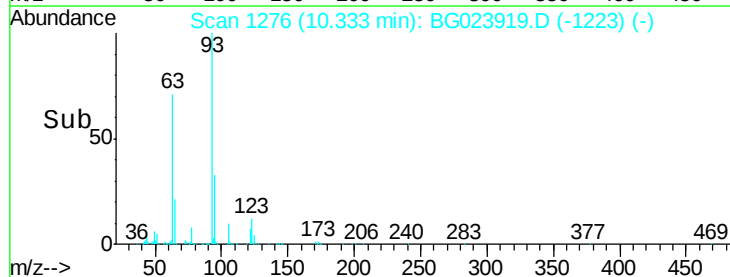
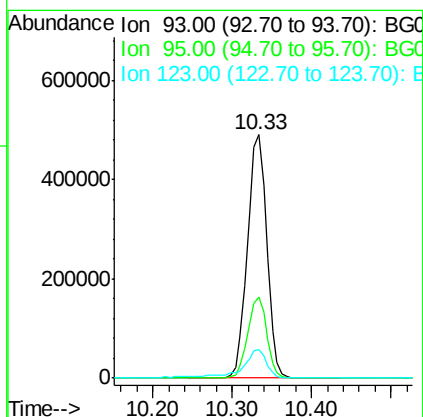
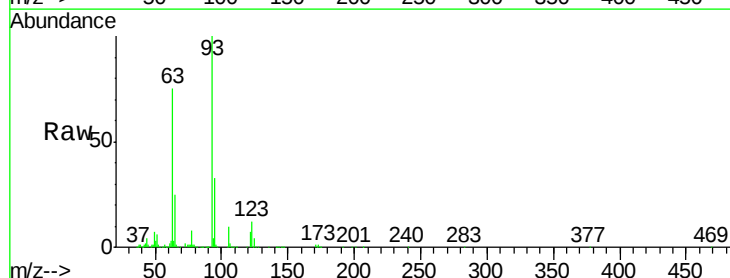
Instrument :
 BNA_G
 ClientSampleId :
 PB93089BS

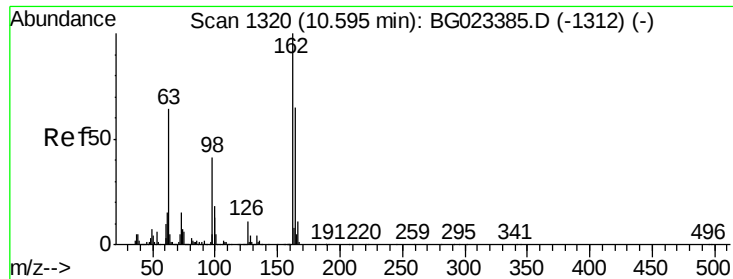
Tgt Ion:122 Resp: 603002
 Ion Ratio Lower Upper
 122 100
 107 128.8 117.0 175.4
 121 61.6 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.65 ng
 RT: 10.33 min Scan# 1276
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Tgt Ion: 93 Resp: 835346
 Ion Ratio Lower Upper
 93 100
 95 33.3 25.4 38.2
 123 12.0 8.2 12.2

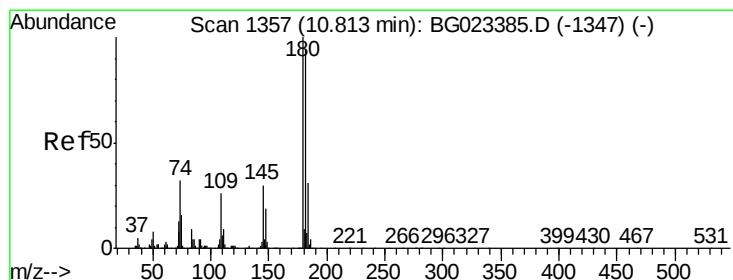
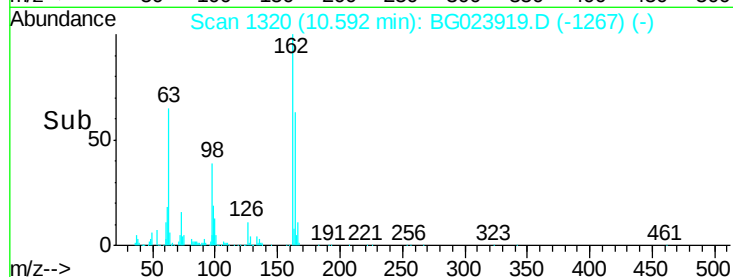
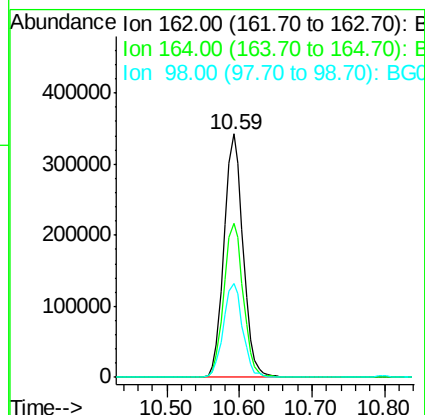
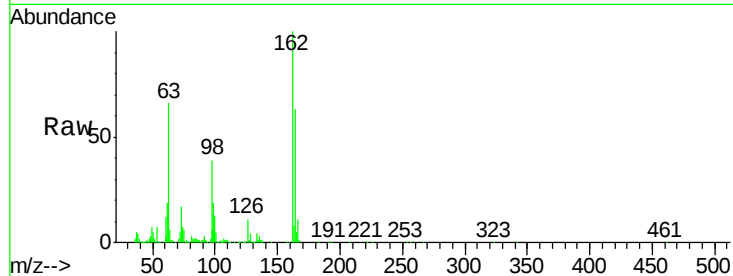




#29
 2,4-Dichlorophenol
 Concen: 41.83 ng
 RT: 10.59 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

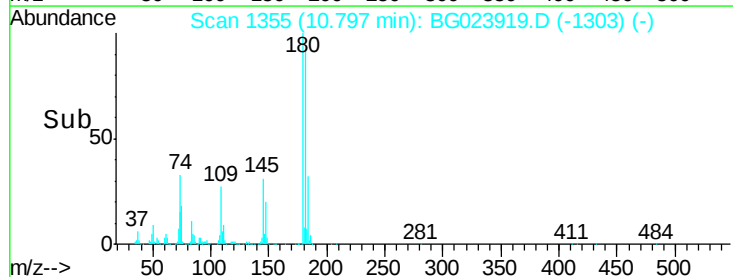
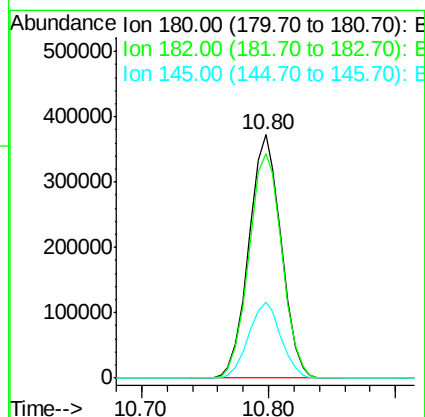
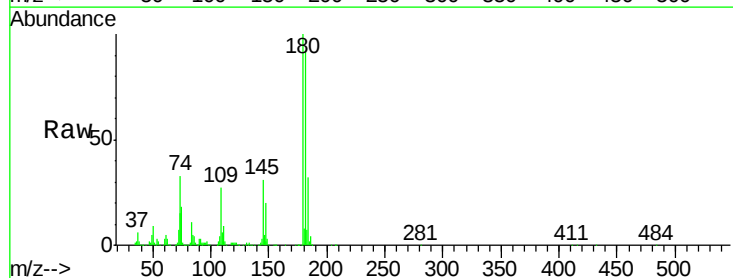
Instrument :
 BNA_G
 ClientSampleId :
 PB93089BS

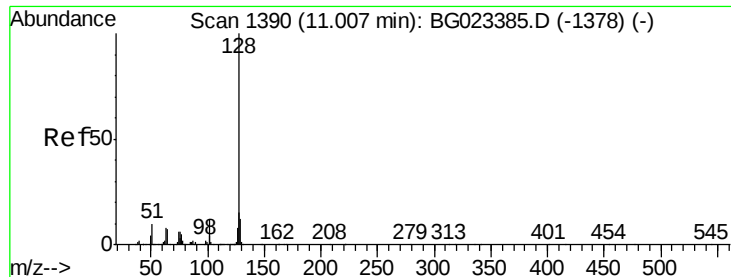
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	626313		
164	63.4	44.3	84.3	
98	38.7	19.5	59.5	



#30
 1,2,4-Trichlorobenzene
 Concen: 40.80 ng
 RT: 10.80 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	658858		
182	92.2	73.8	110.8	
145	31.3	24.4	36.6	

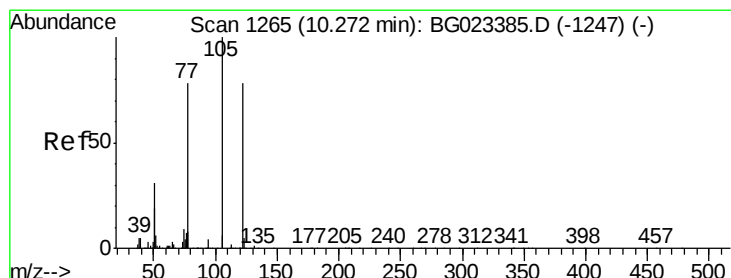
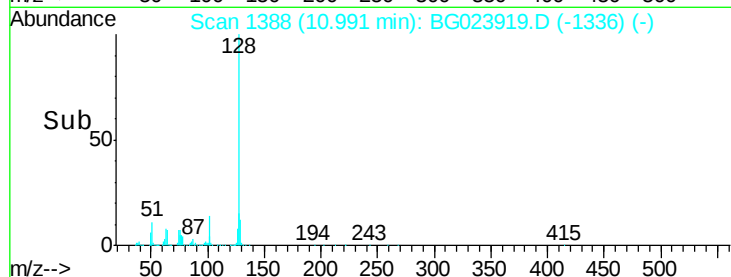
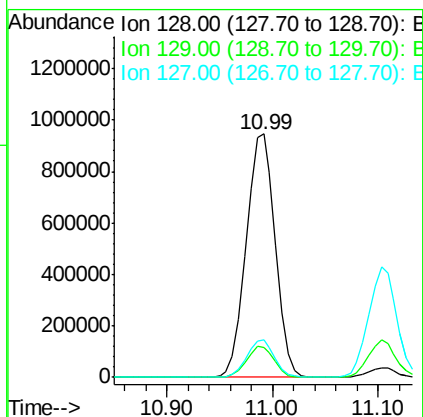
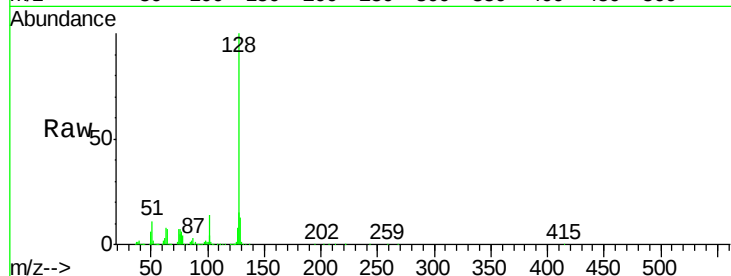




#31
Naphthalene
Concen: 37.98 ng
RT: 10.99 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

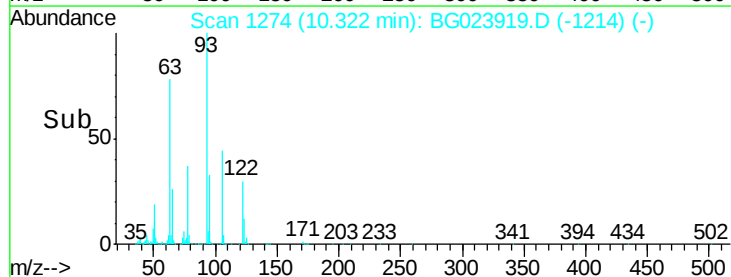
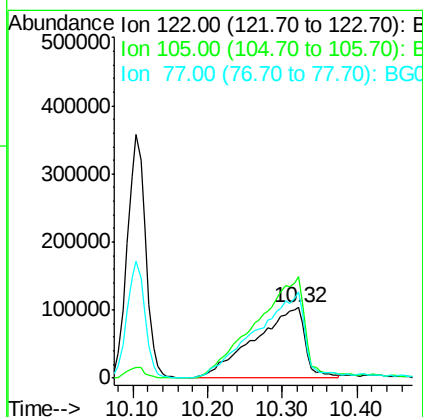
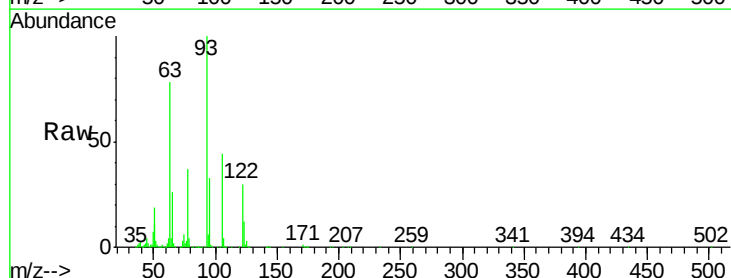
Instrument :
BNA_G
ClientSampleId :
PB93089BS

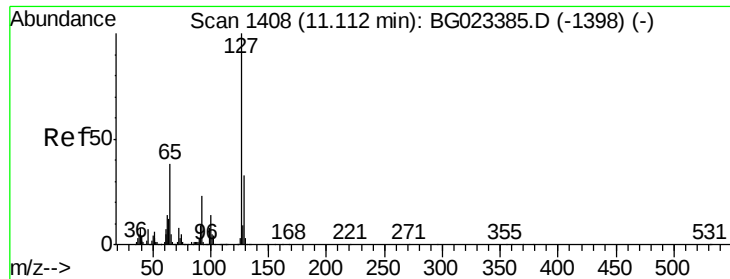
Tgt Ion:128 Resp: 1799382
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.0
127 15.3 11.3 16.9



#32
Benzoic acid
Concen: 37.07 ng
RT: 10.32 min Scan# 1274
Delta R.T. 0.05 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Tgt Ion:122 Resp: 485024
Ion Ratio Lower Upper
122 100
105 145.0 117.2 157.2
77 121.7 109.2 149.2

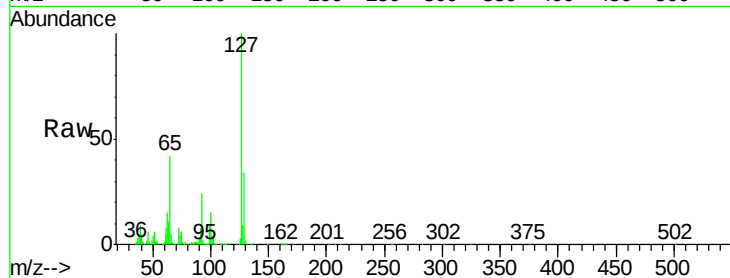




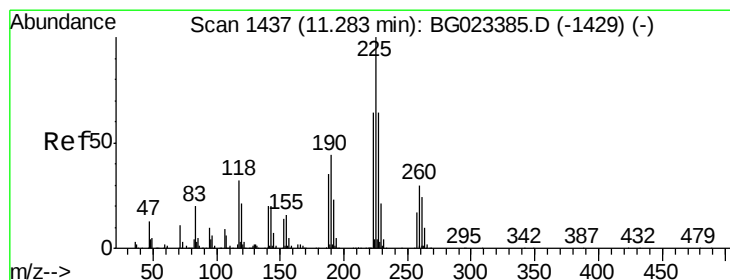
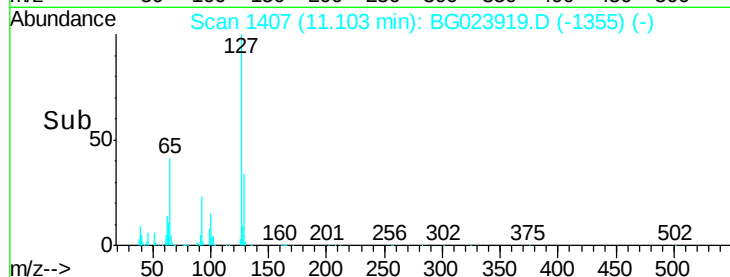
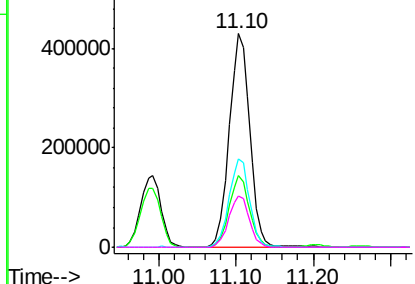
#33
4-Chloroaniline
Concen: 35.29 ng
RT: 11.10 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Instrument :
BNA_G
ClientSampleId :
PB93089BS

Tgt Ion:	127	Resp:	799216
Ion	Ratio	Lower	Upper
127	100		
129	33.6	27.9	41.9
65	41.6	36.8	55.2
92	24.0	21.0	31.6

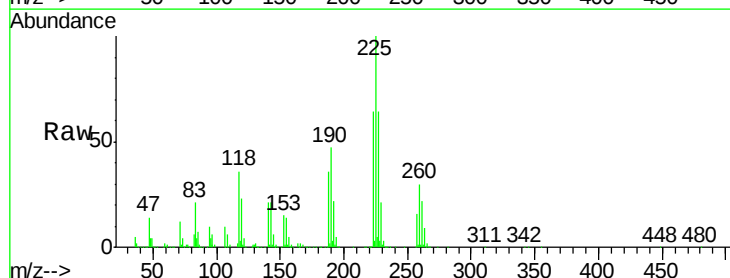


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

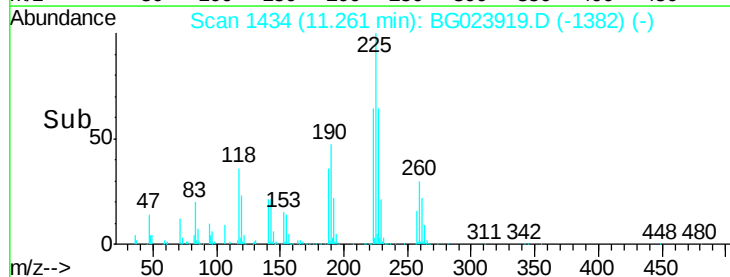
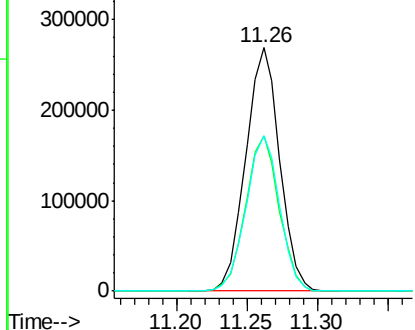


#34
Hexachlorobutadiene
Concen: 42.50 ng
RT: 11.26 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Tgt Ion:	225	Resp:	451387
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.6	74.4
227	63.6	54.5	81.7



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

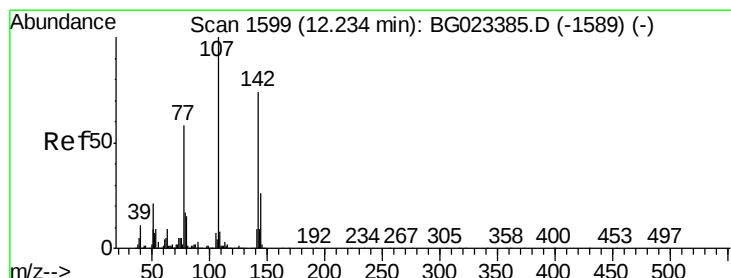
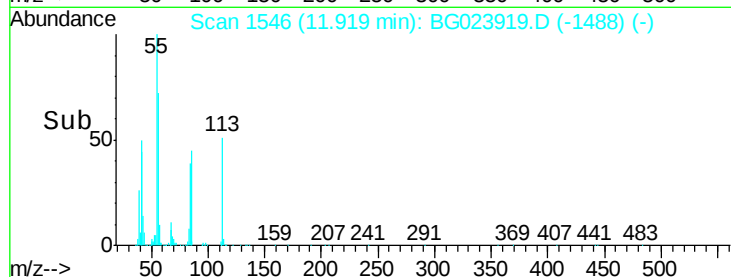
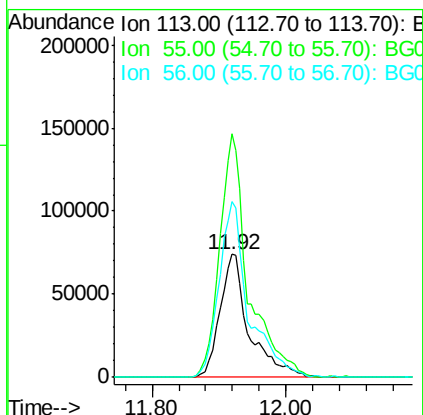
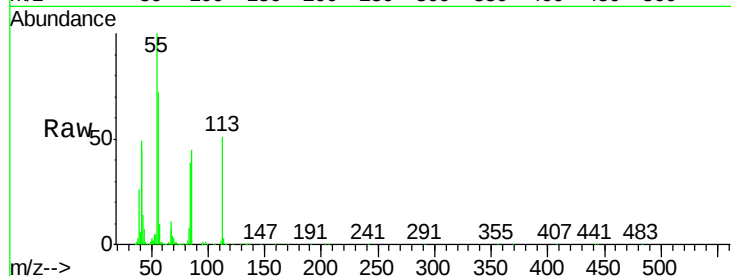




#35
 Caprolactam
 Concen: 35.87 ng
 RT: 11.92 min Scan# 1546
 Delta R.T. 0.04 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

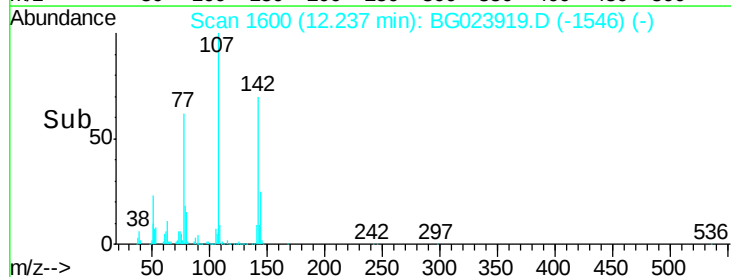
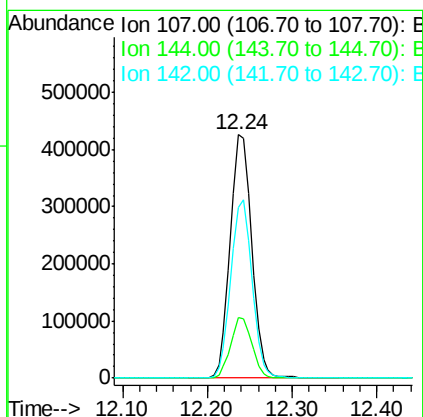
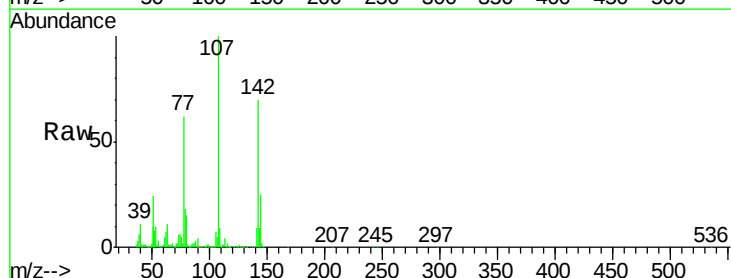
Instrument :
 BNA_G
 ClientSampleId :
 PB93089BS

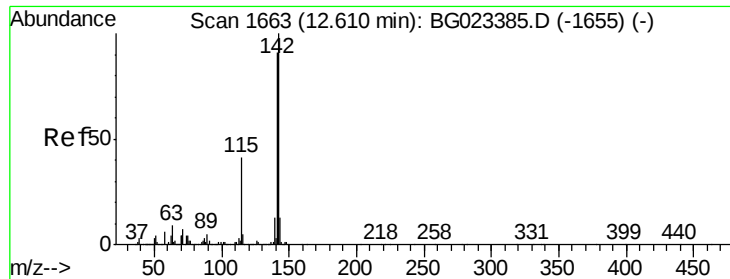
Tgt Ion:113 Resp: 225997
 Ion Ratio Lower Upper
 113 100
 55 197.9 154.5 194.5#
 56 143.1 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 38.14 ng
 RT: 12.24 min Scan# 1600
 Delta R.T. 0.02 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Tgt Ion:107 Resp: 750358
 Ion Ratio Lower Upper
 107 100
 144 24.8 17.0 25.6
 142 69.9 53.0 79.6

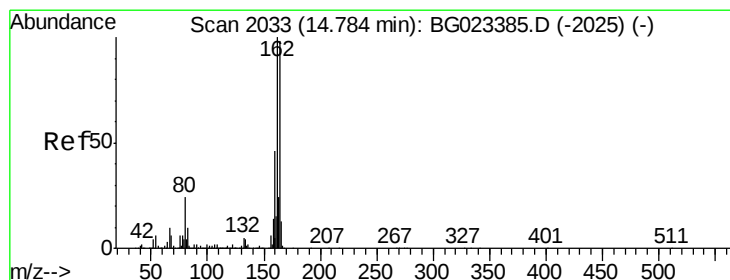
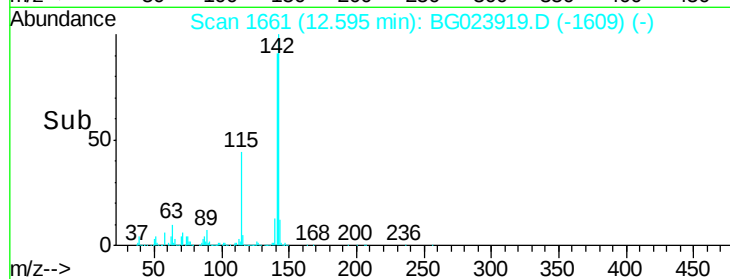
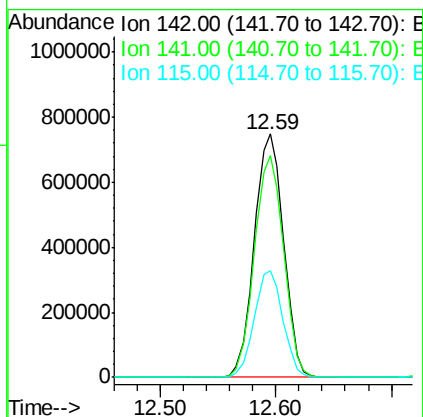
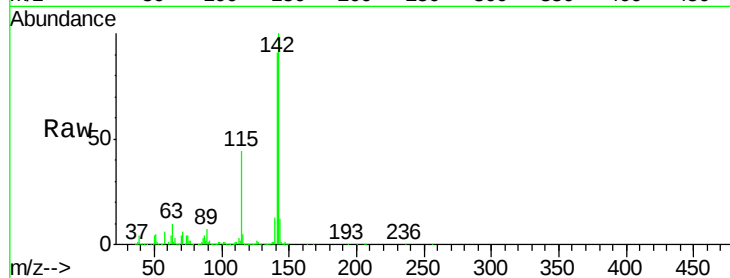




#37
 2-Methylnaphthalene
 Concen: 36.67 ng
 RT: 12.59 min Scan# 1661
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

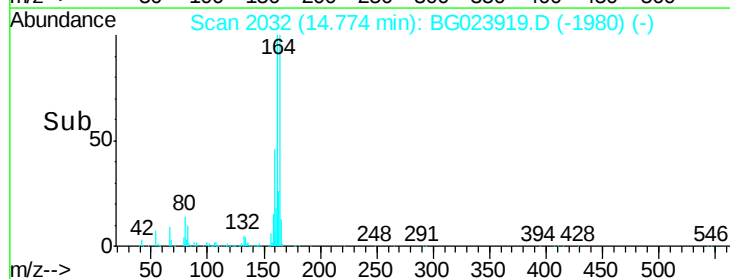
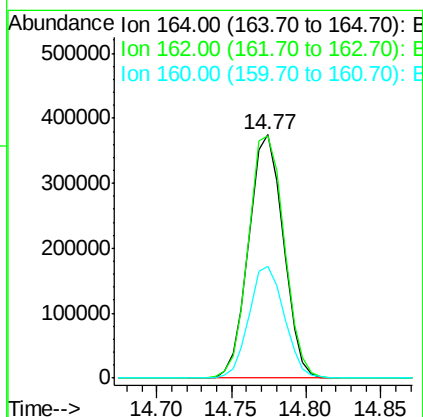
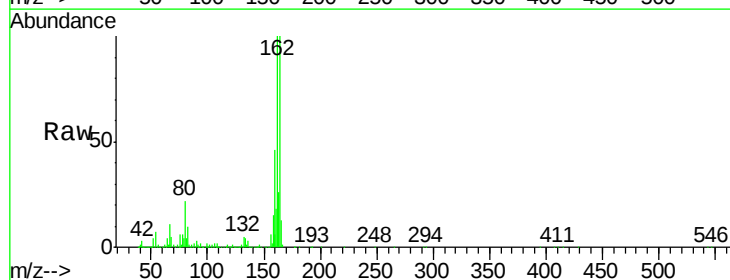
Instrument :
 BNA_G
 ClientSampleId :
 PB93089BS

Tgt Ion:142 Resp: 1320832
 Ion Ratio Lower Upper
 142 100
 141 91.0 70.2 105.2
 115 43.8 41.7 62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Tgt Ion:164 Resp: 600577
 Ion Ratio Lower Upper
 164 100
 162 99.5 87.7 131.5
 160 46.2 37.2 55.8

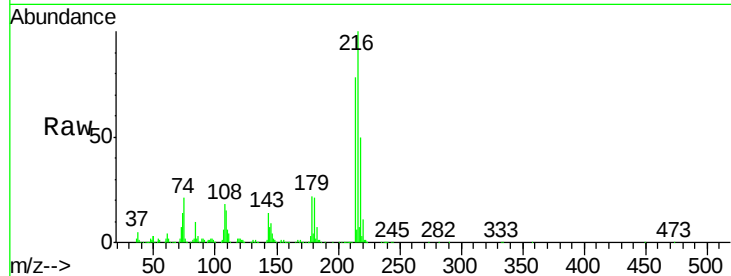




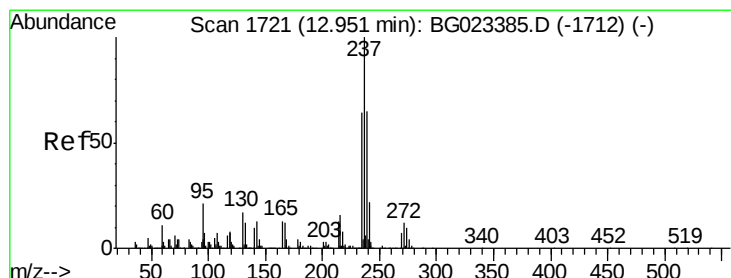
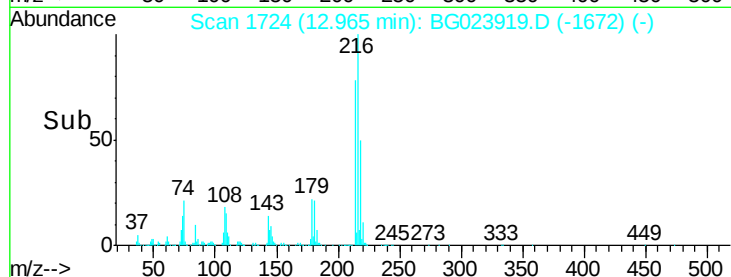
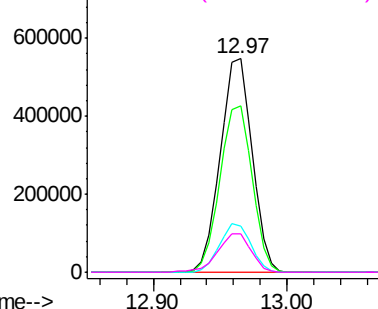
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.27 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB93089BS

Tgt Ion:	216	Resp:	898725
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.9	94.3
179	22.4	17.2	25.8
108	19.0	16.3	24.5

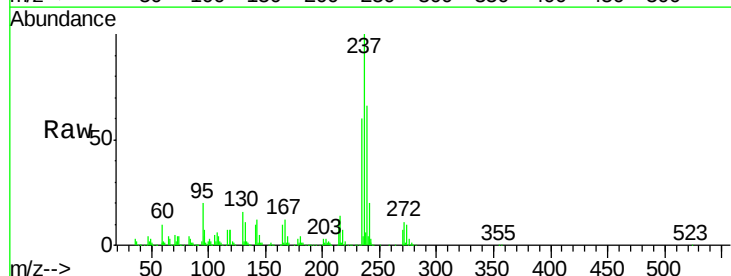


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

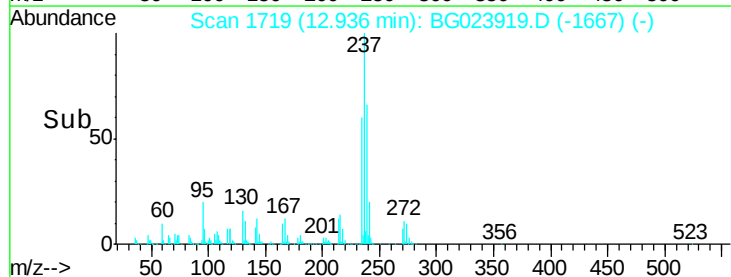
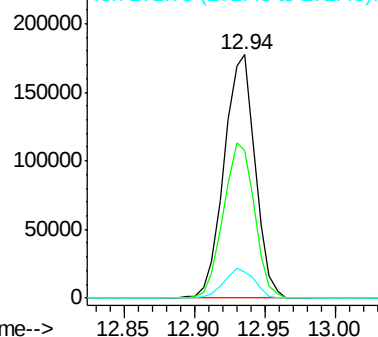


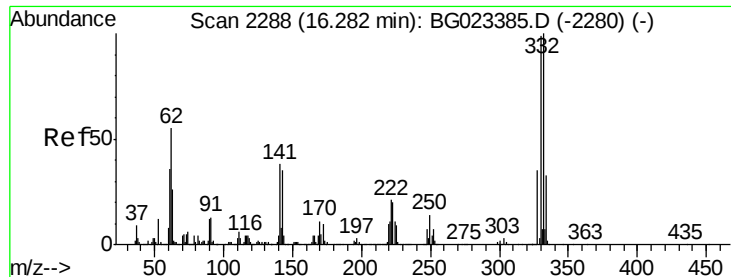
#40
 Hexachlorocyclopentadiene
 Concen: 24.99 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Tgt Ion:	237	Resp:	274436
Ion	Ratio	Lower	Upper
237	100		
235	60.4	43.1	83.1
272	10.6	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

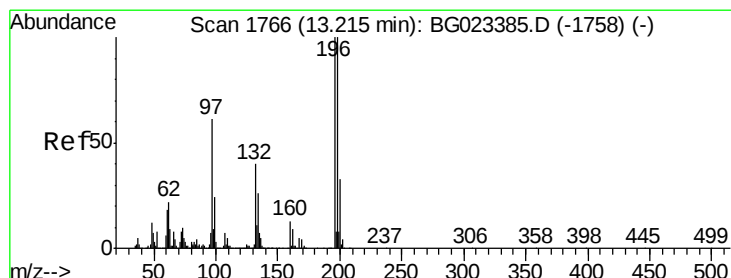
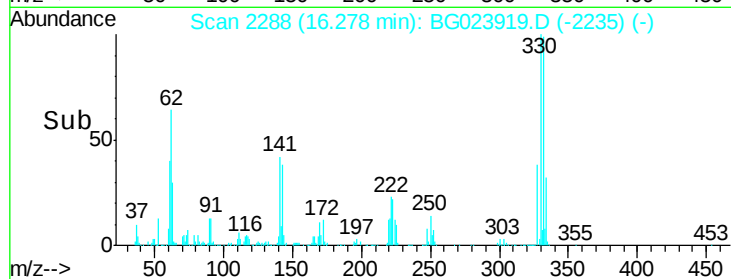
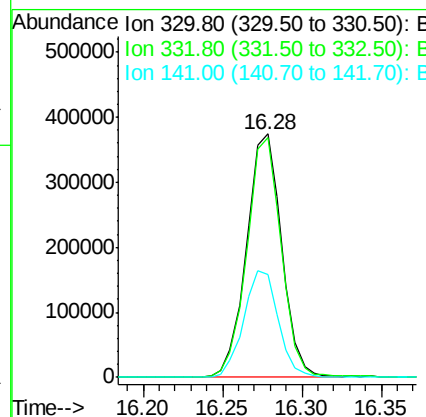
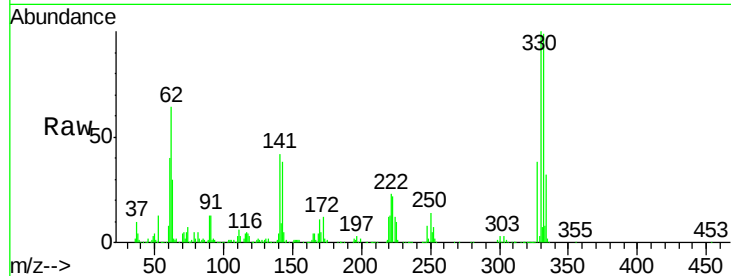




#41
 2,4,6-Tribromophenol
 Concen: 65.43 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

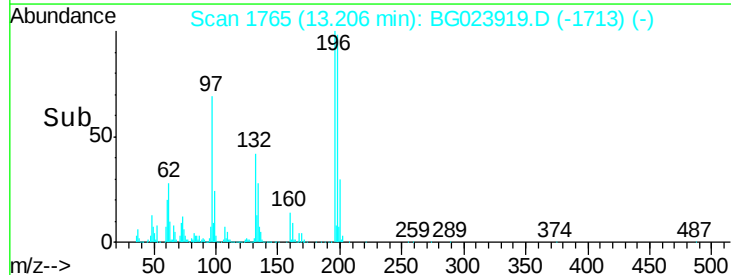
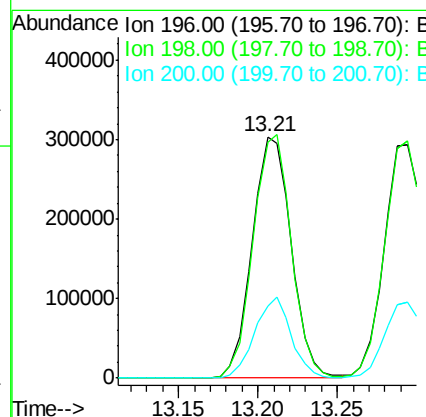
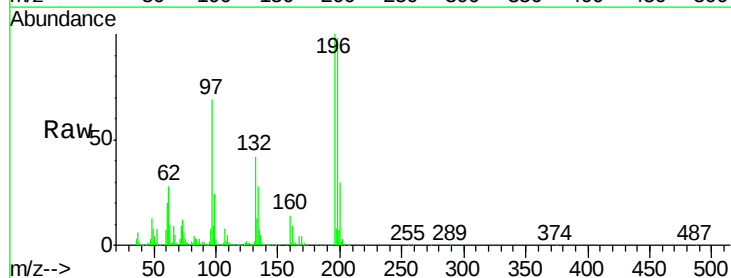
Instrument :
 BNA_G
 ClientSampleId :
 PB93089BS

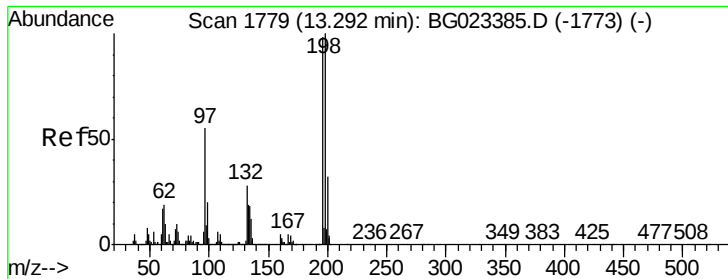
Tgt Ion:330 Resp: 574795
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 43.4 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 40.09 ng
 RT: 13.21 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Tgt Ion:196 Resp: 520072
 Ion Ratio Lower Upper
 196 100
 198 97.8 78.2 117.2
 200 30.1 27.0 40.4

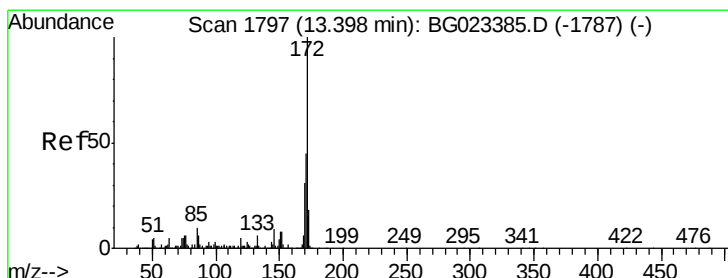
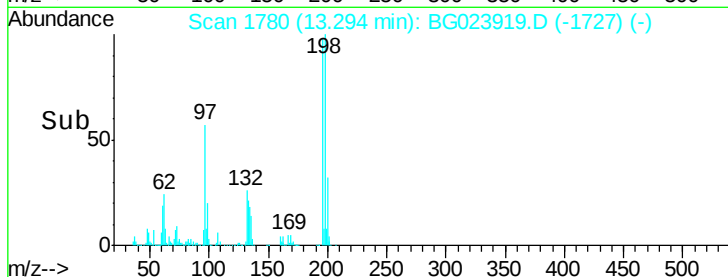
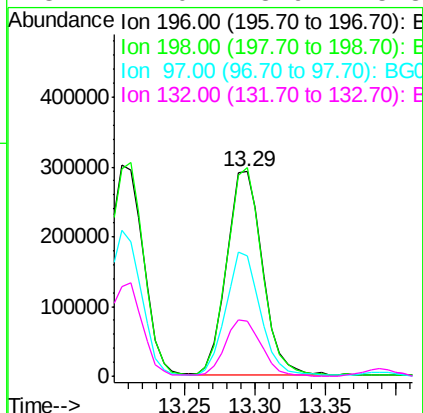
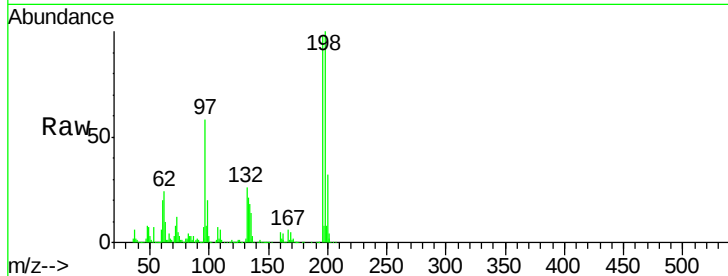




#43
 2,4,5-Trichlorophenol
 Concen: 38.90 ng
 RT: 13.29 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

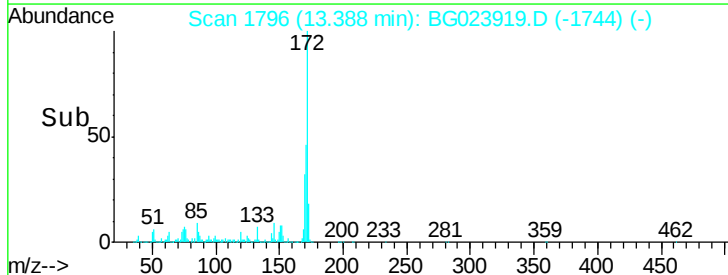
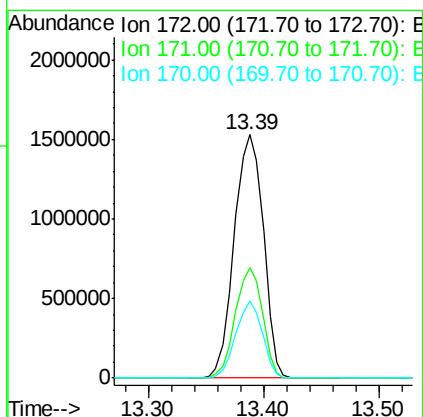
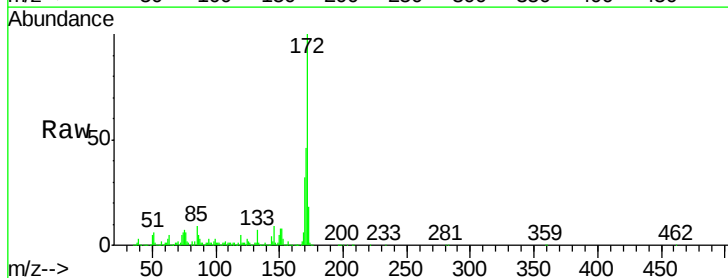
Instrument :
 BNA_G
 ClientSampleID :
 PB93089BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	85.7	128.5
97	58.8	45.5	68.3
132	27.0	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 75.10 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	45.5	31.6	47.4
170	31.6	21.3	31.9





#45

1,1'-Biphenyl

Concen: 38.21 ng

RT: 13.60 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

PB93089BS

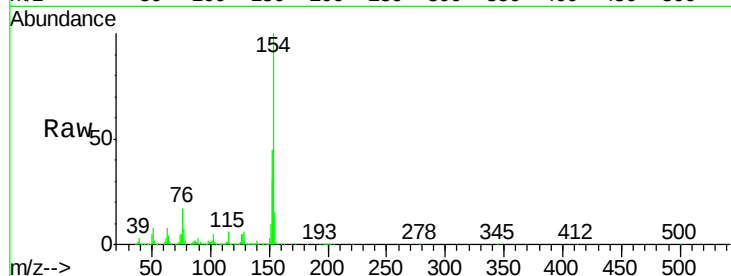
Tgt Ion:154 Resp: 1754460

Ion Ratio Lower Upper

154 100

153 45.5 20.2 60.2

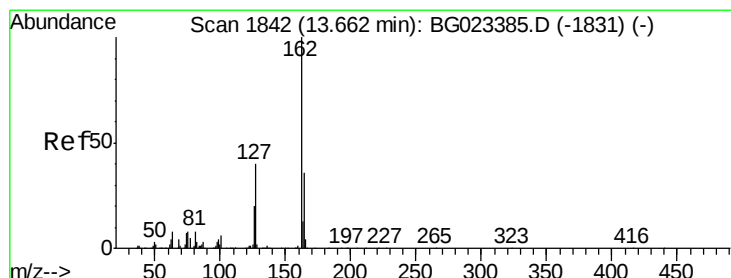
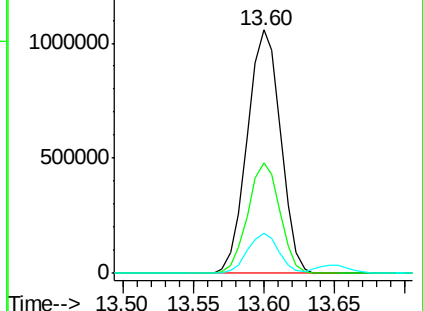
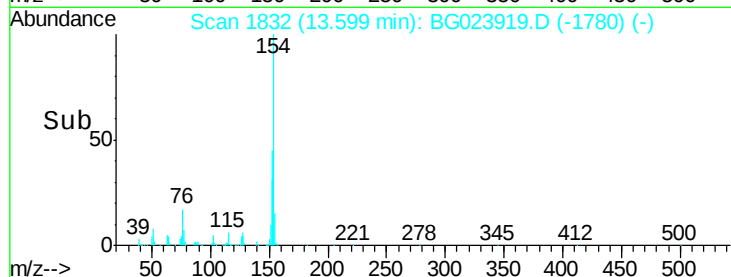
76 16.7 0.0 32.9



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: 39.04 ng

RT: 13.65 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

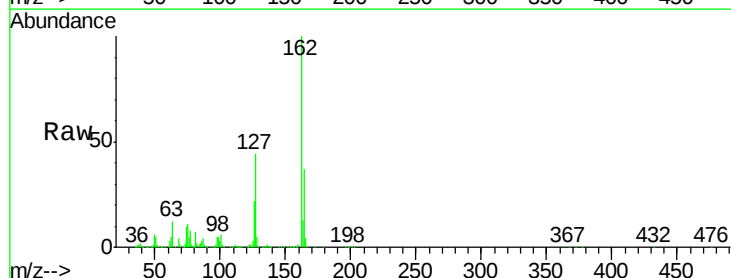
Tgt Ion:162 Resp: 1386591

Ion Ratio Lower Upper

162 100

127 43.6 32.4 48.6

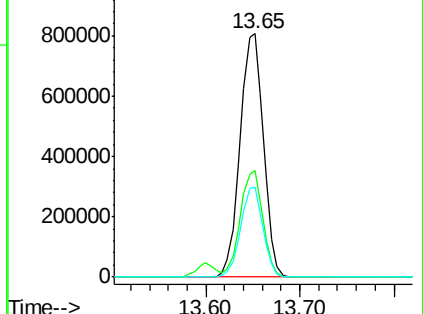
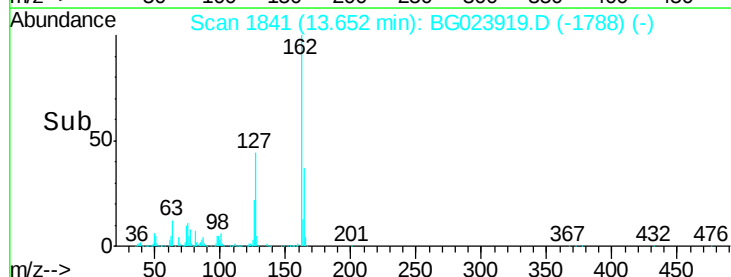
164 36.8 25.2 37.8

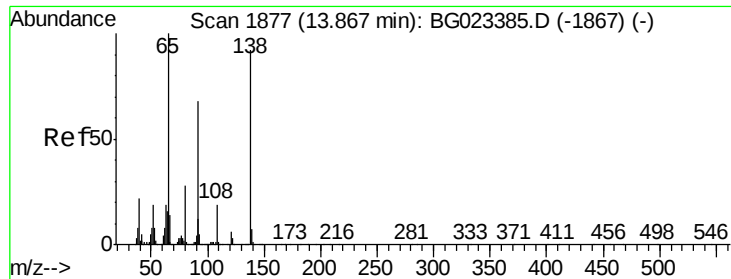


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

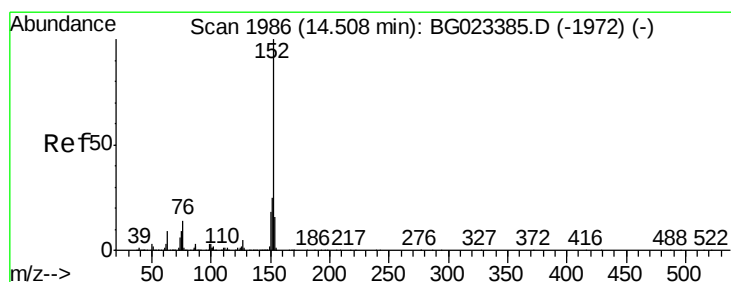
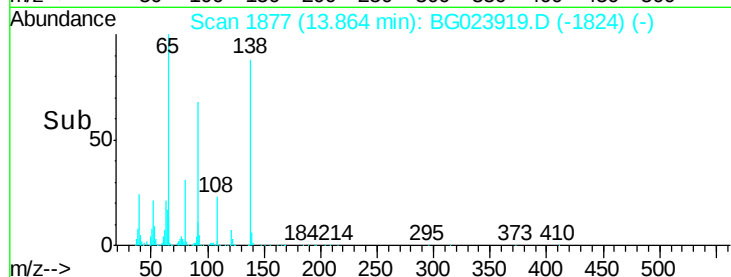
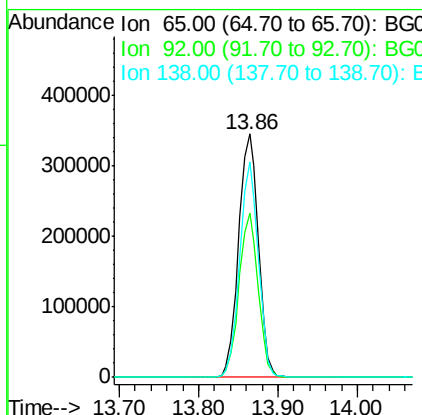
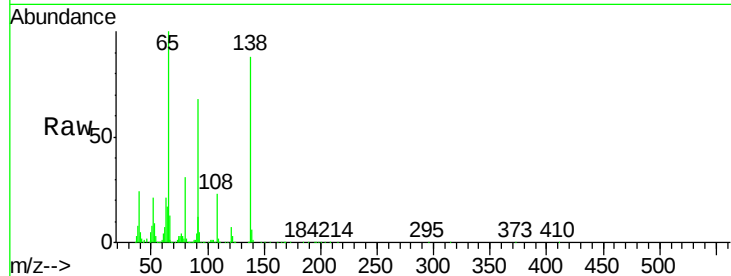




#47
2-Nitroaniline
Concen: 40.44 ng
RT: 13.86 min Scan# 1877
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

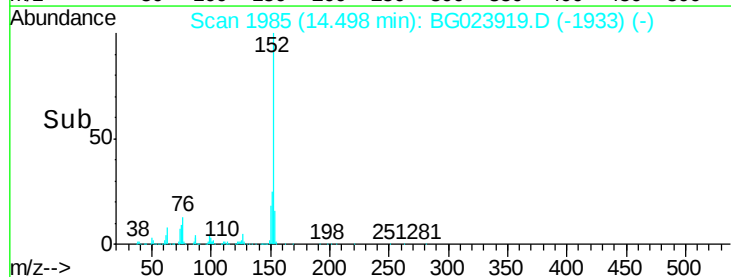
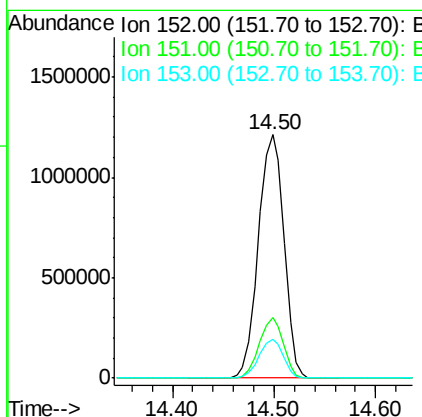
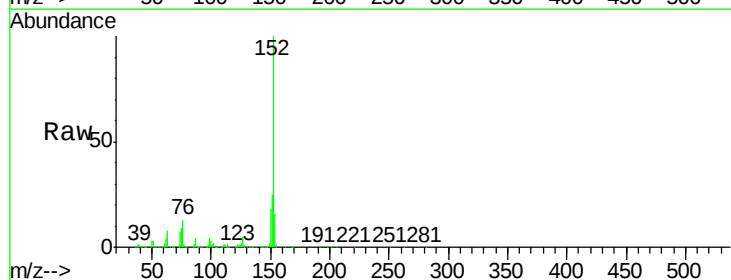
Instrument :
BNA_G
ClientSampleId :
PB93089BS

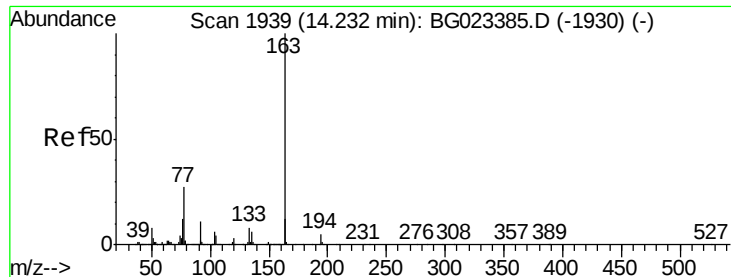
Tgt Ion: 65 Resp: 596322
Ion Ratio Lower Upper
65 100
92 67.7 49.4 74.0
138 88.5 58.0 87.0#



#48
Acenaphthylene
Concen: 37.75 ng
RT: 14.50 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Tgt Ion: 152 Resp: 2119481
Ion Ratio Lower Upper
152 100
151 24.7 17.6 26.4
153 15.8 11.4 17.2





#49

Dimethylphthalate

Concen: 39.52 ng

RT: 14.22 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampled :

PB93089BS

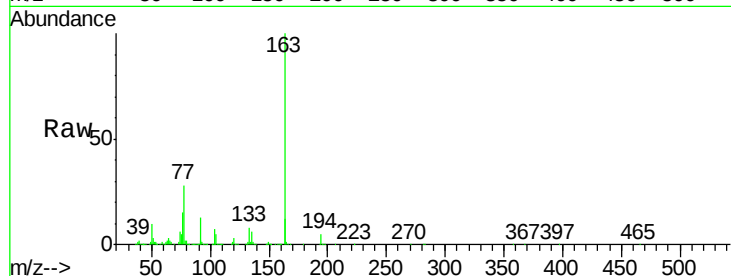
Tgt Ion:163 Resp: 1820821

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

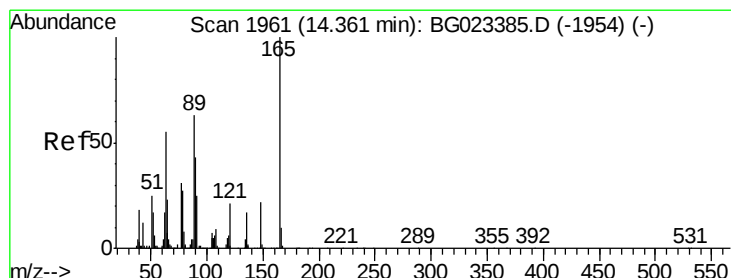
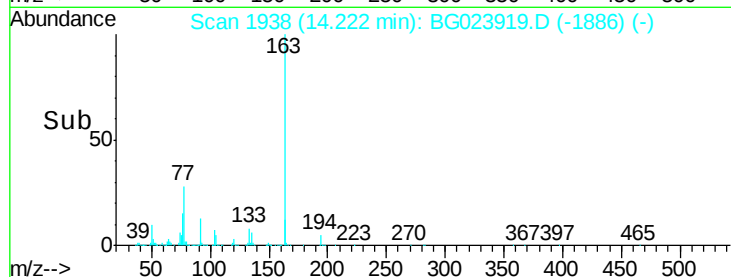
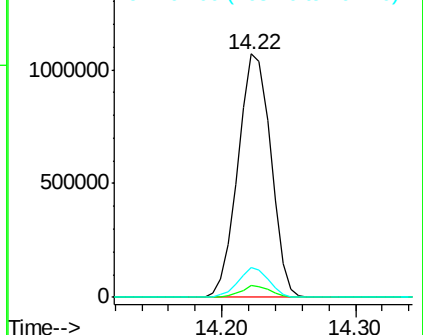
164 12.0 8.1 12.1



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: 39.13 ng

RT: 14.36 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

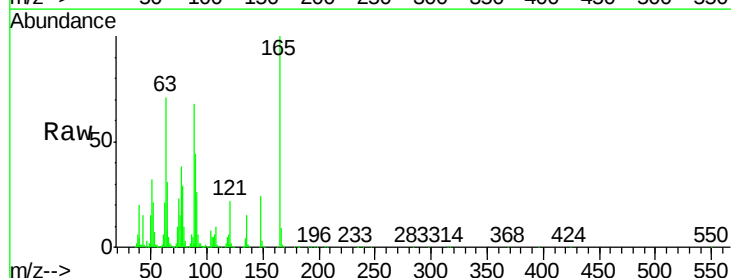
Tgt Ion:165 Resp: 427038

Ion Ratio Lower Upper

165 100

63 70.7 64.3 96.5

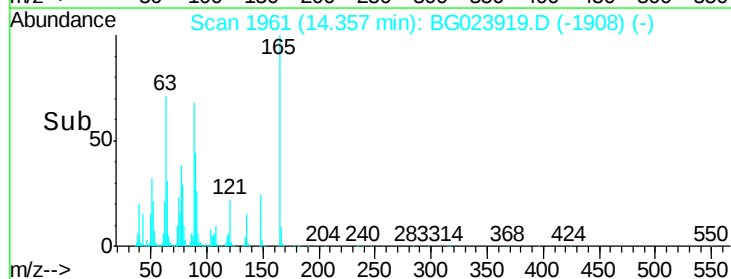
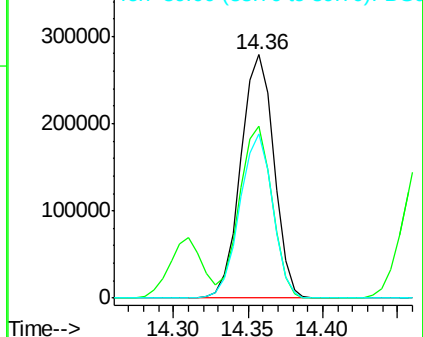
89 67.5 64.3 96.5

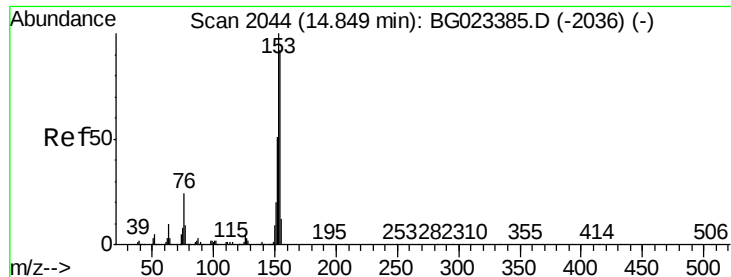


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.75 ng

RT: 14.84 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

PB93089BS

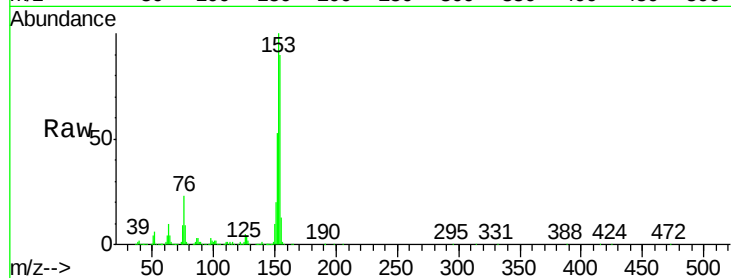
Tgt Ion:154 Resp: 1378330

Ion Ratio Lower Upper

154 100

153 110.7 87.5 131.3

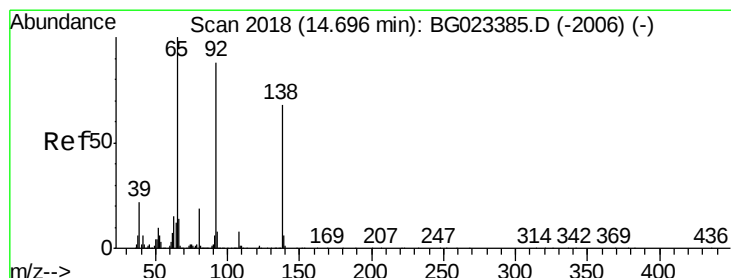
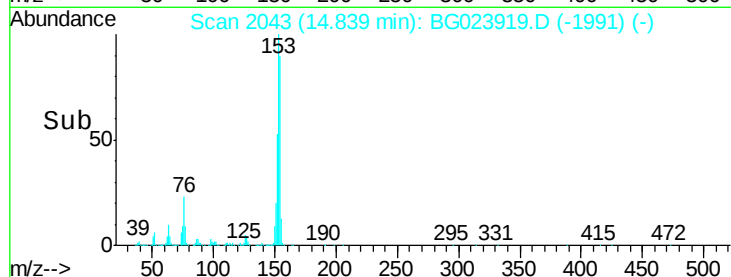
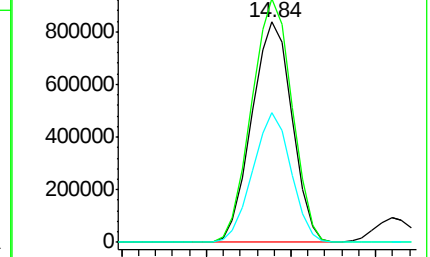
152 59.2 42.7 64.1



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: 35.54 ng

RT: 14.70 min Scan# 2019

Delta R.T. 0.02 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

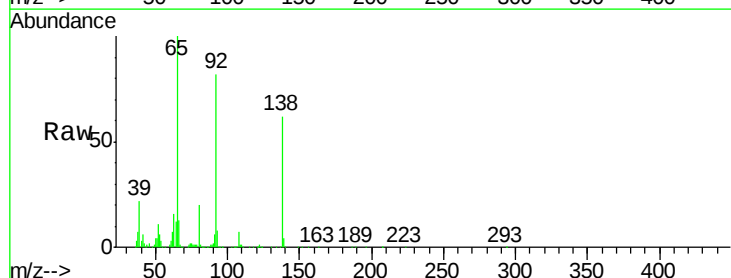
Tgt Ion:138 Resp: 437266

Ion Ratio Lower Upper

138 100

108 11.2 11.7 17.5#

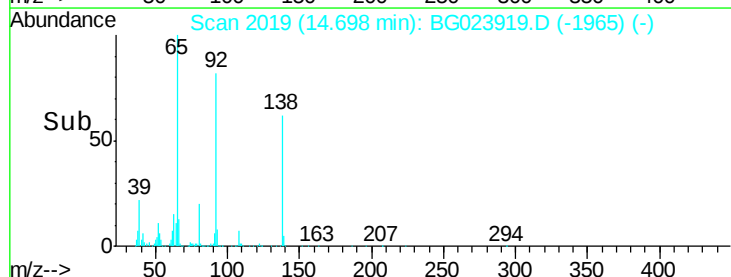
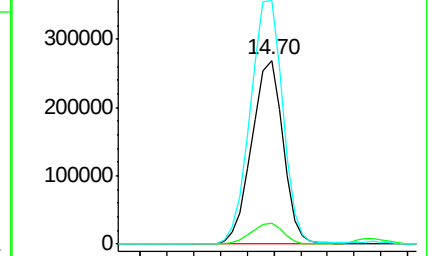
92 132.6 129.7 194.5

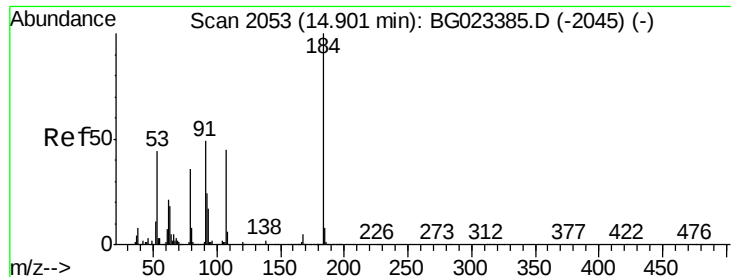


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

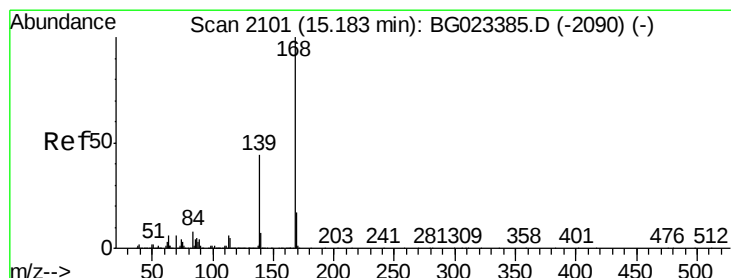
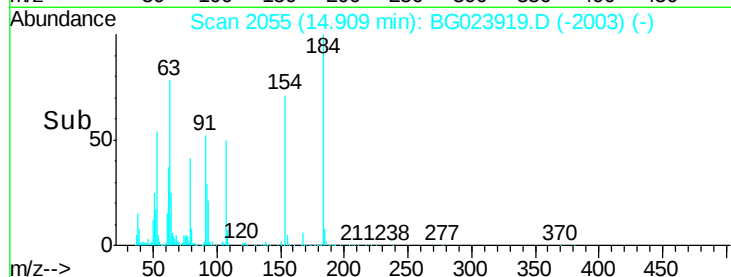
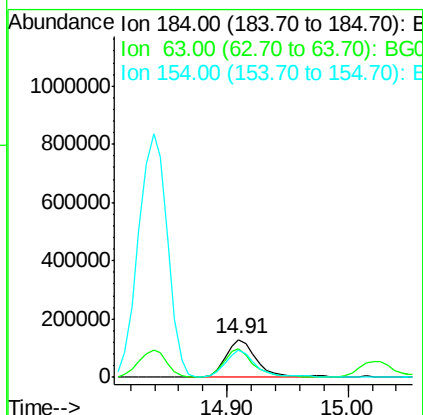
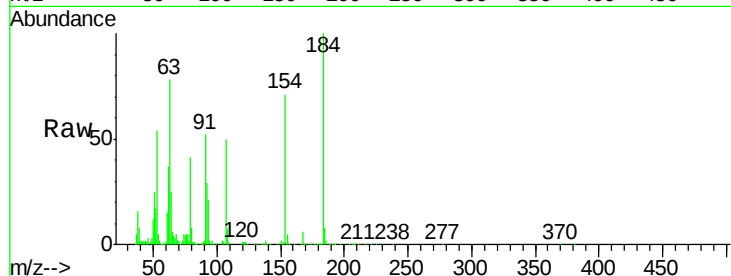




#53
2,4-Dinitrophenol
Concen: 32.90 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

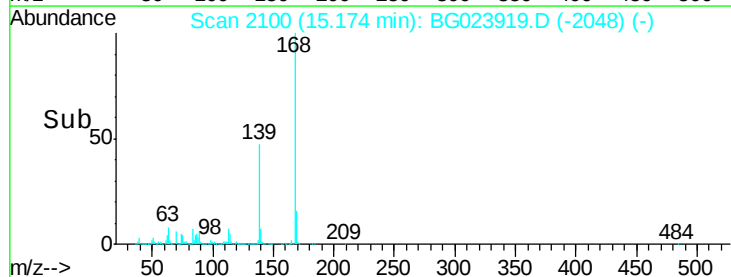
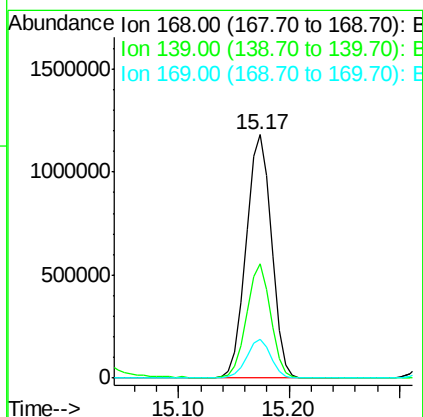
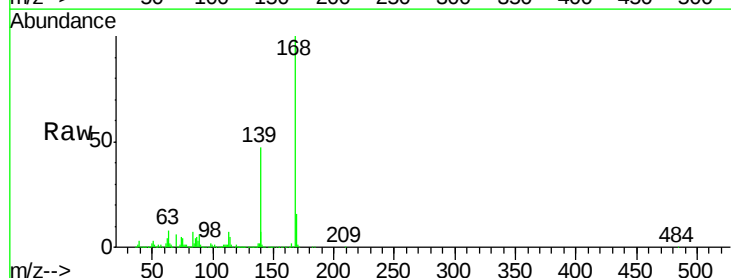
Instrument :
BNA_G
ClientSampleId :
PB93089BS

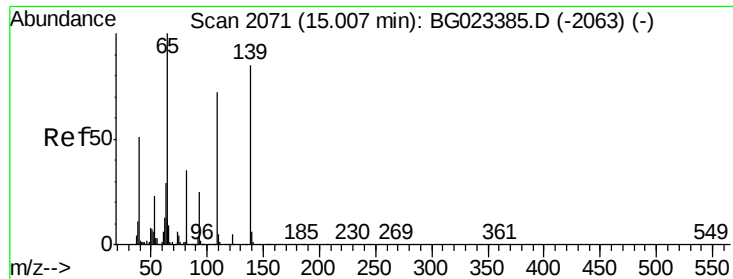
Tgt Ion:184 Resp: 230106
Ion Ratio Lower Upper
184 100
63 77.7 59.6 89.4
154 71.1 67.4 101.0



#54
Dibenzofuran
Concen: 36.90 ng
RT: 15.17 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Tgt Ion:168 Resp: 1905318
Ion Ratio Lower Upper
168 100
139 47.1 36.4 54.6
169 15.9 11.9 17.9

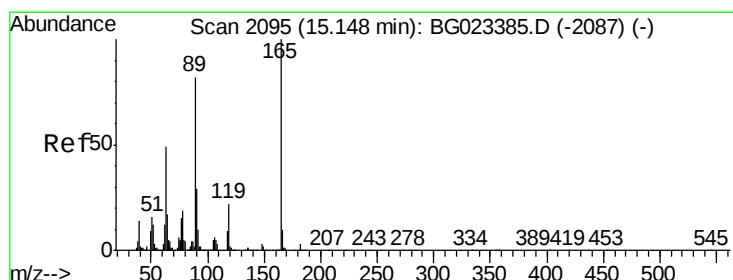
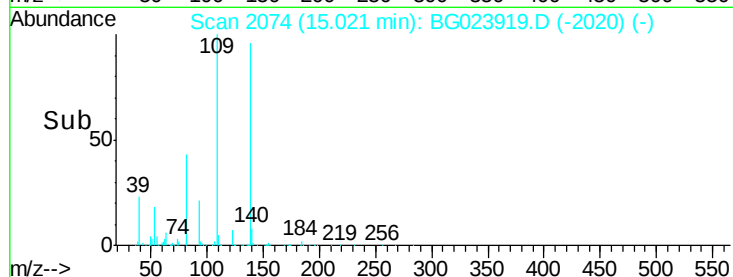
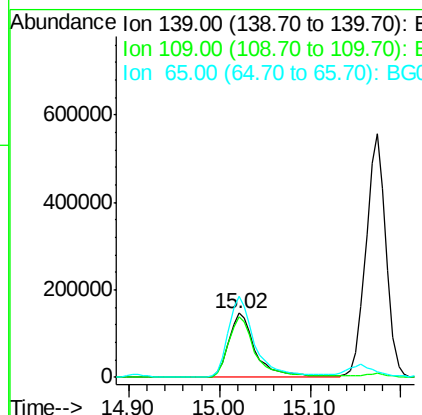
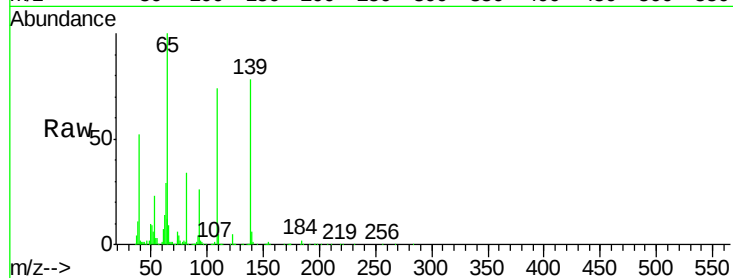




#55
4-Nitrophenol
Concen: 31.63 ng
RT: 15.02 min Scan# 2074
Delta R.T. 0.02 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

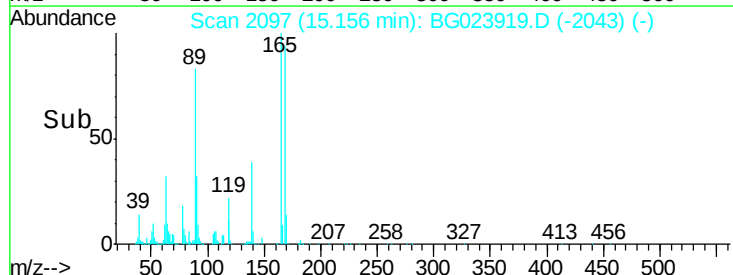
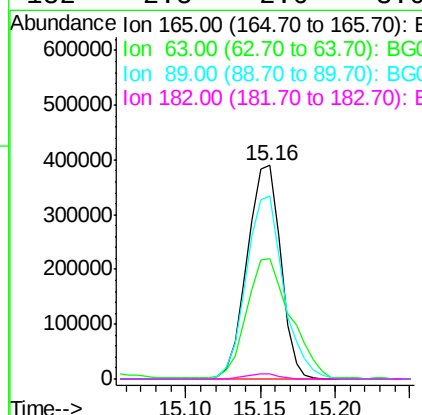
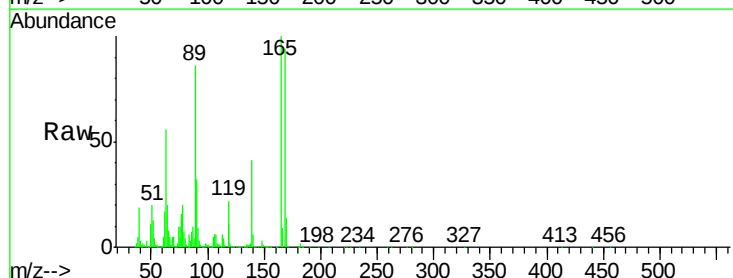
Instrument :
BNA_G
ClientSampleId :
PB93089BS

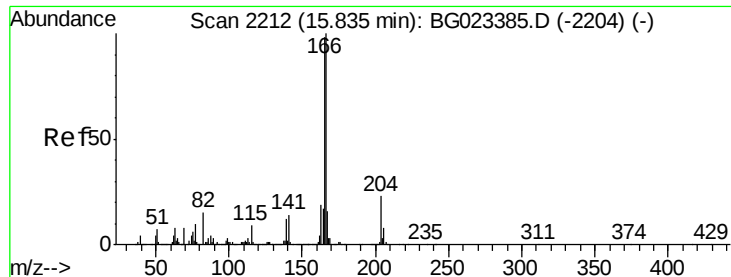
Tgt Ion:139 Resp: 305696
Ion Ratio Lower Upper
139 100
109 94.6 103.0 143.0#
65 127.5 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 39.58 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.02 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Tgt Ion:165 Resp: 606196
Ion Ratio Lower Upper
165 100
63 56.2 45.8 68.6
89 85.6 68.6 102.8
182 2.5 2.0 3.0





#57

Fluorene

Concen: 37.26 ng

RT: 15.83 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampled :

PB93089BS

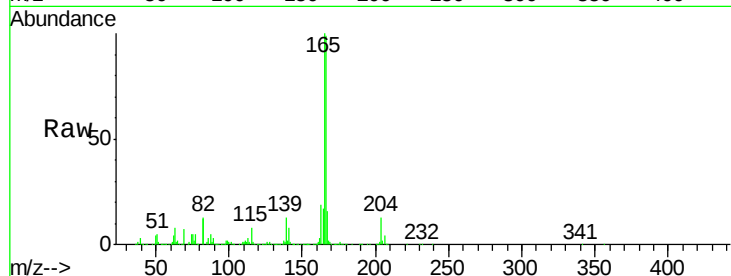
Tgt Ion:166 Resp: 1678842

Ion Ratio Lower Upper

166 100

165 101.5 81.0 121.6

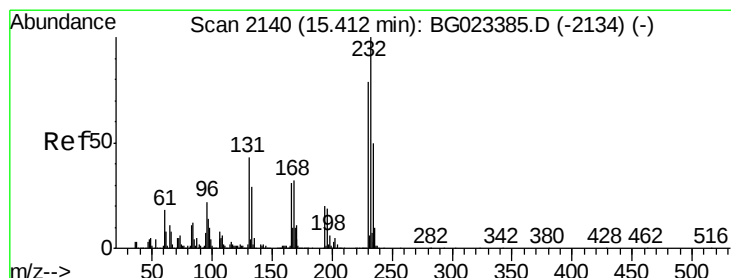
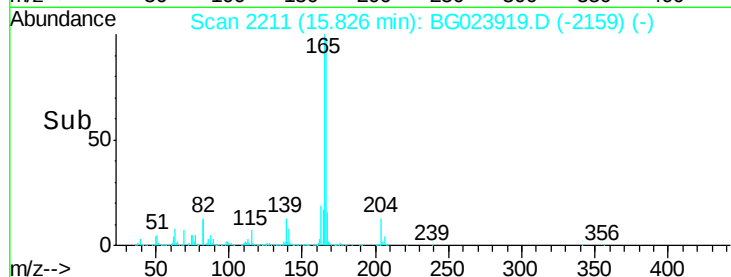
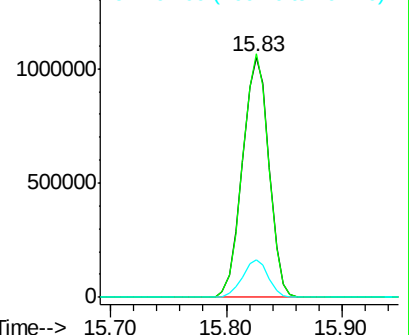
167 15.8 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.57 ng

RT: 15.41 min Scan# 2140

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Tgt Ion:232 Resp: 435996

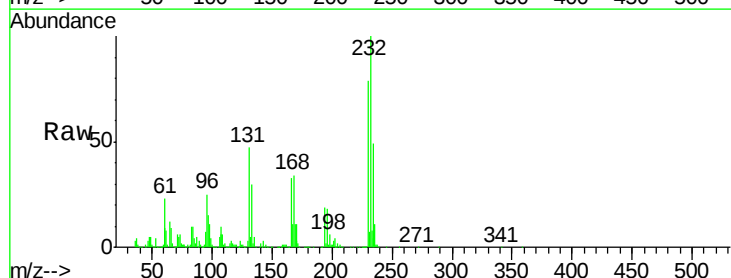
Ion Ratio Lower Upper

232 100

131 48.6 32.7 49.1

130 3.2 2.6 3.8

166 32.5 23.0 34.6

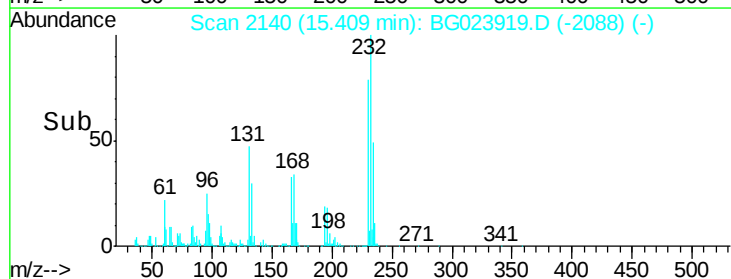
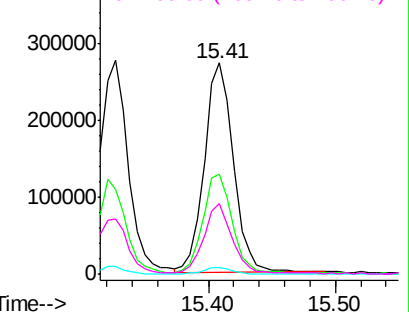


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

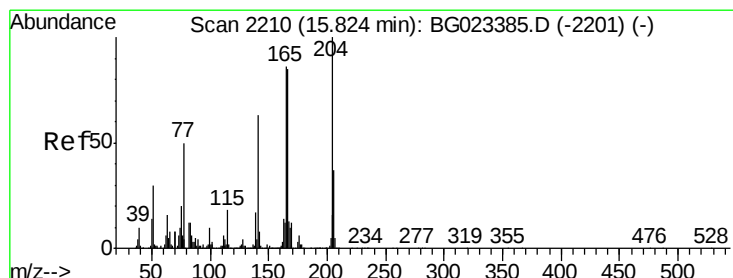
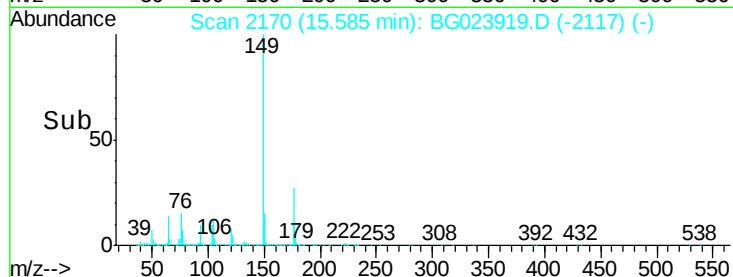
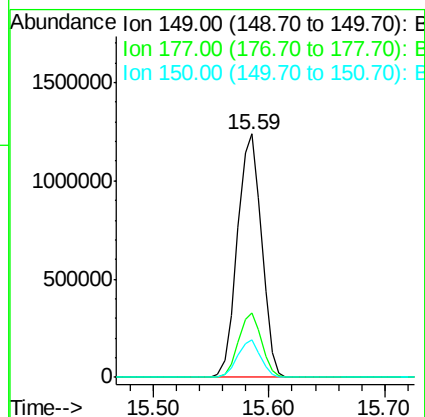
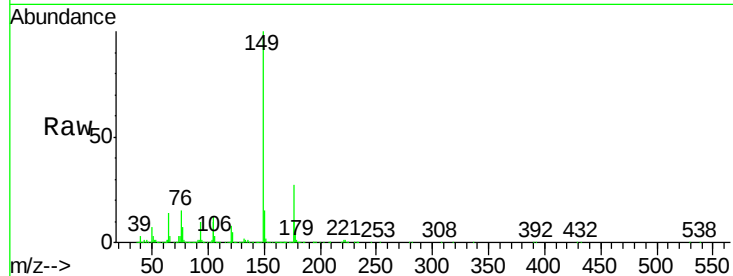




#59
Diethylphthalate
Concen: 38.28 ng
RT: 15.59 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

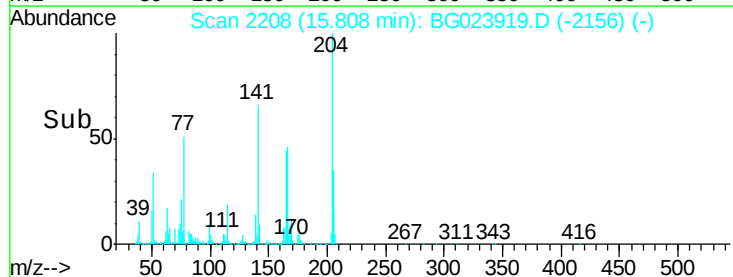
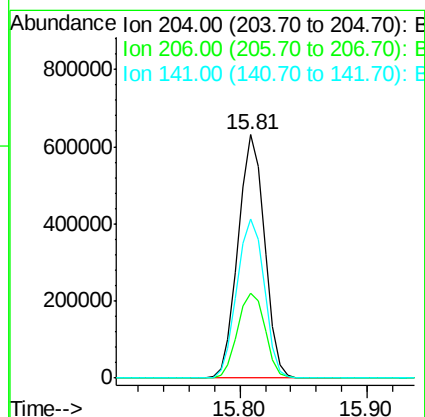
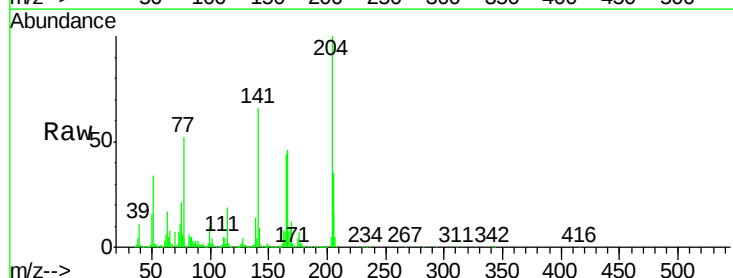
Instrument :
BNA_G
ClientSampleId :
PB93089BS

Tgt Ion:149 Resp: 1790754
Ion Ratio Lower Upper
149 100
177 26.6 19.2 28.8
150 15.2 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 38.02 ng
RT: 15.81 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Tgt Ion:204 Resp: 906566
Ion Ratio Lower Upper
204 100
206 35.1 28.5 42.7
141 65.6 51.4 77.0

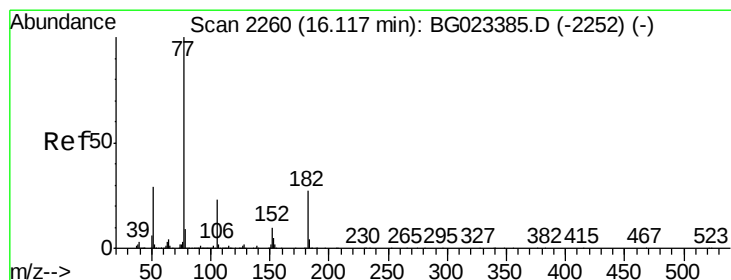
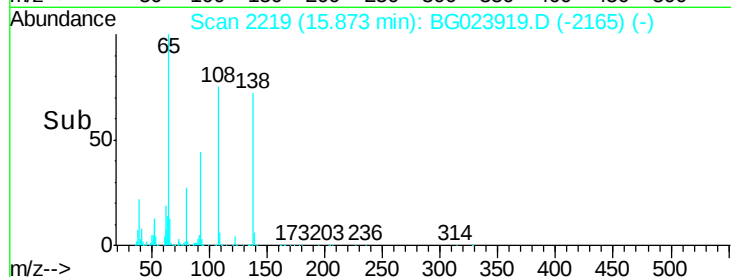
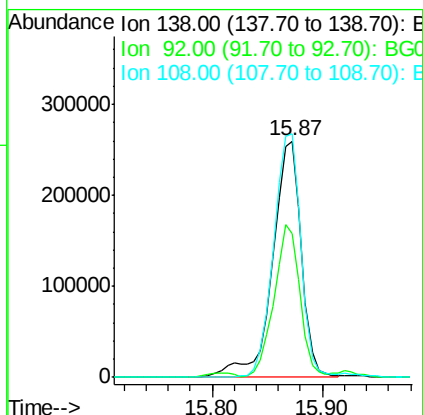
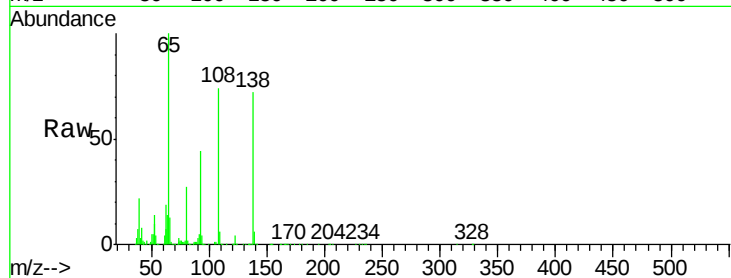




#61
4-Nitroaniline
Concen: 35.99 ng
RT: 15.87 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

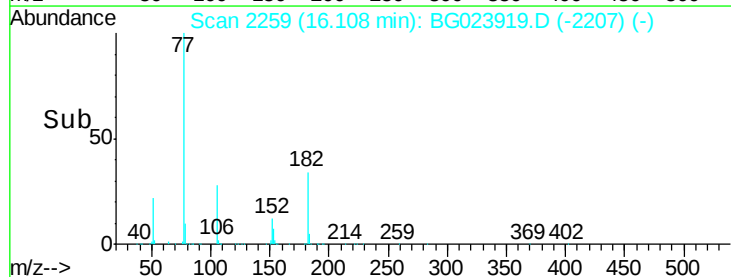
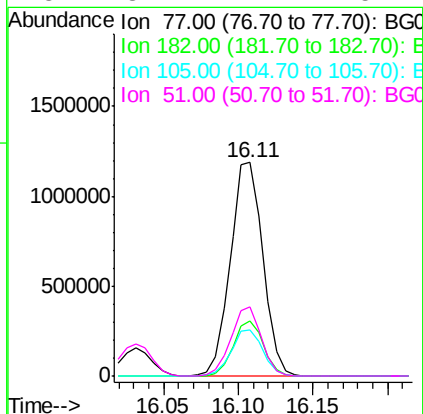
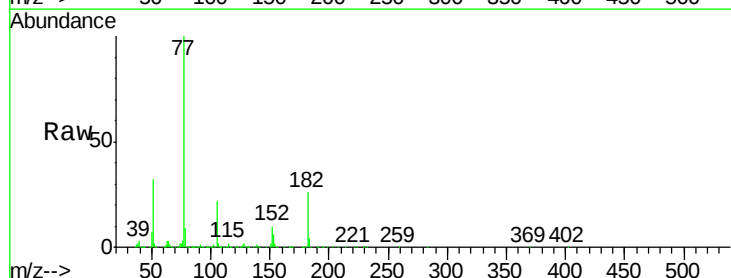
Instrument :
BNA_G
ClientSampleId :
PB93089BS

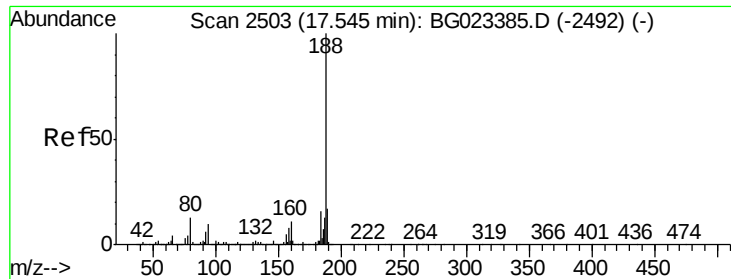
Tgt Ion: 138 Resp: 471527
Ion Ratio Lower Upper
138 100
92 60.7 54.1 94.1
108 103.1 133.9 173.9#



#62
Azobenzene
Concen: 38.13 ng
RT: 16.11 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Tgt Ion: 77 Resp: 1807782
Ion Ratio Lower Upper
77 100
182 25.9 3.5 43.5
105 21.5 0.0 38.5
51 32.1 17.1 57.1

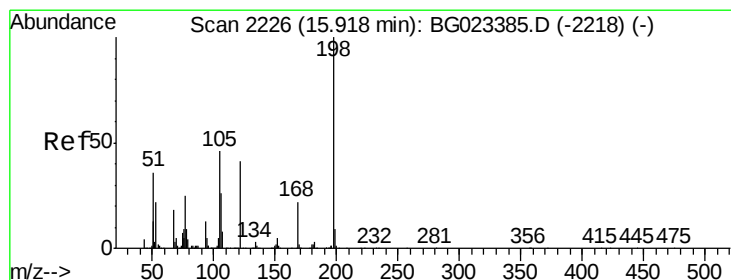
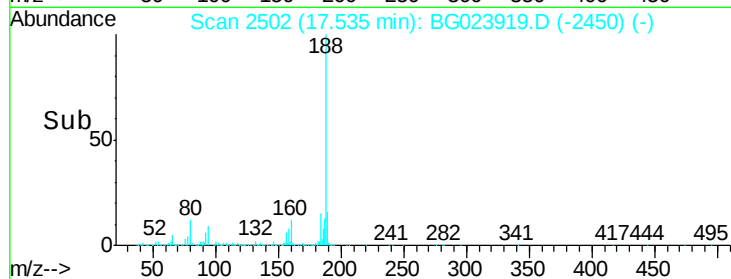
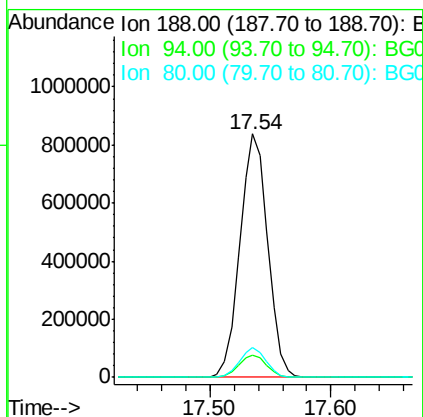
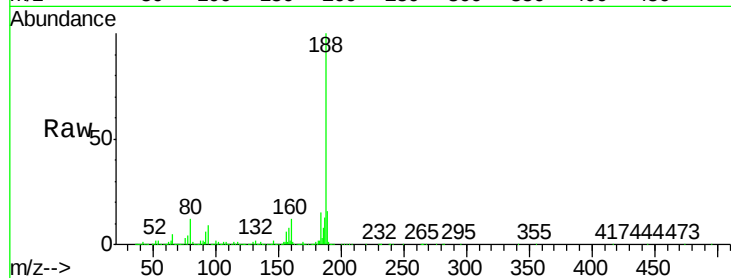




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

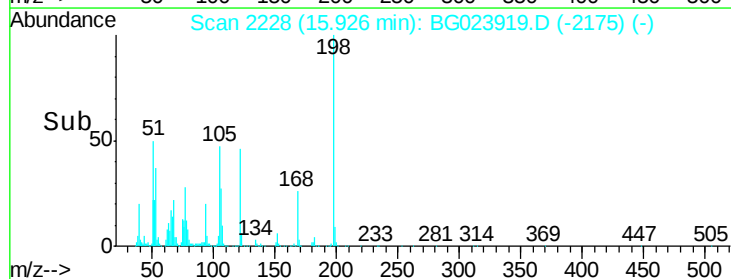
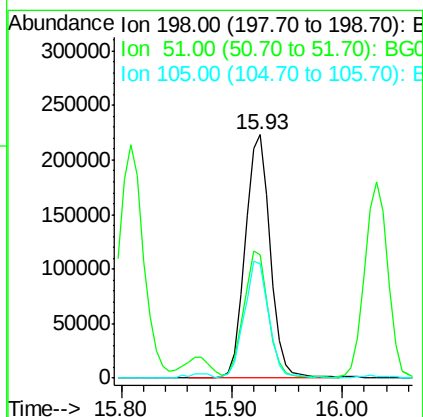
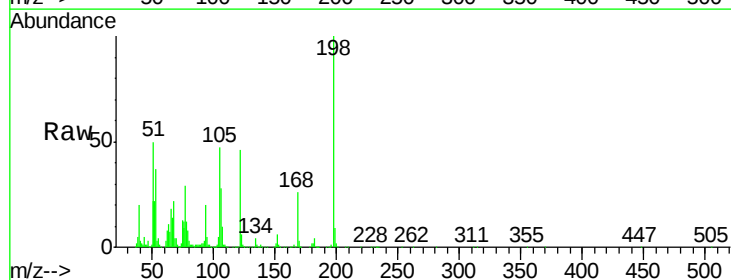
Instrument :
BNA_G
ClientSampled :
PB93089BS

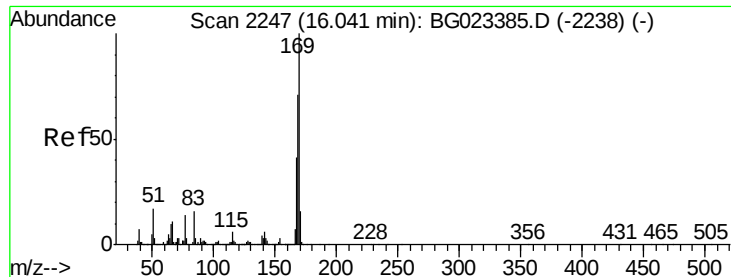
Tgt Ion:188 Resp: 1339112
Ion Ratio Lower Upper
188 100
94 8.9 5.2 7.8#
80 12.3 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.03 ng
RT: 15.93 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Tgt Ion:198 Resp: 355373
Ion Ratio Lower Upper
198 100
51 50.4 26.0 66.0
105 47.0 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 38.61 ng

RT: 16.03 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

PB93089BS

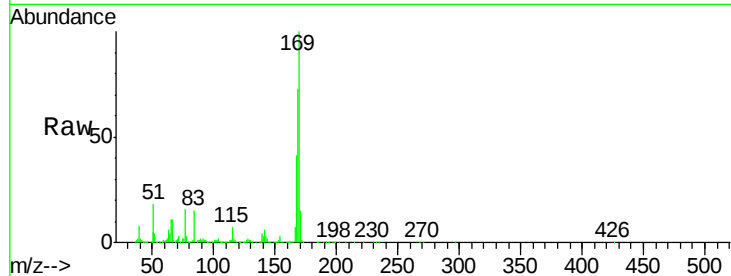
Tgt Ion:169 Resp: 1516691

Ion Ratio Lower Upper

169 100

168 72.5 55.0 82.4

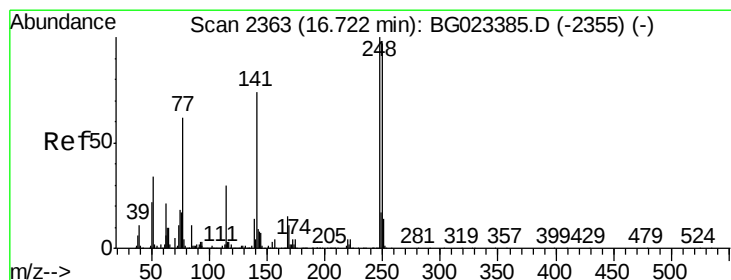
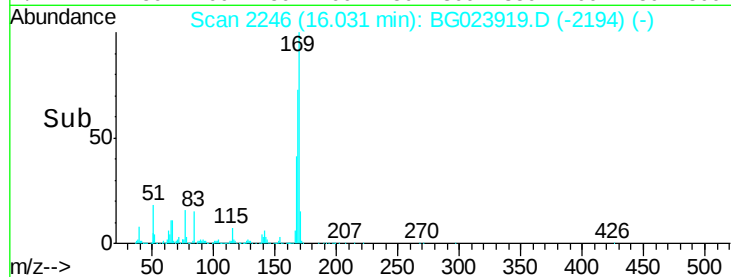
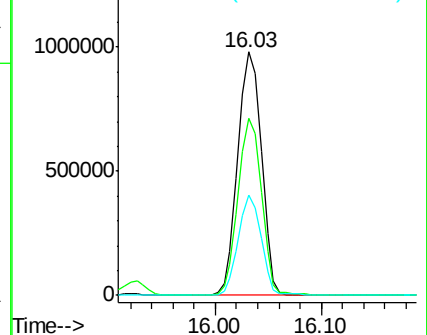
167 41.3 27.4 41.0#



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: 40.23 ng

RT: 16.71 min Scan# 2362

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

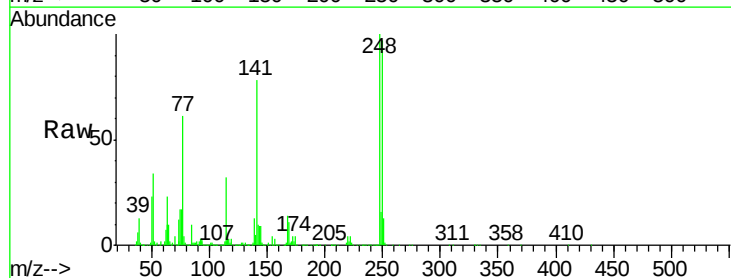
Tgt Ion:248 Resp: 627908

Ion Ratio Lower Upper

248 100

250 97.1 77.8 116.8

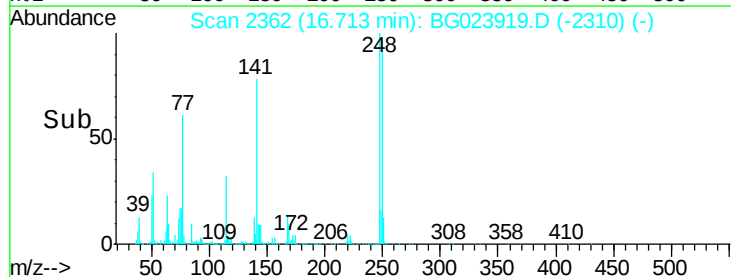
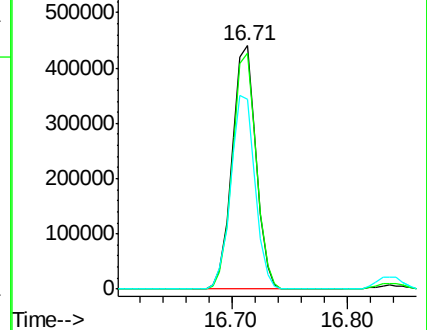
141 77.8 65.7 98.5

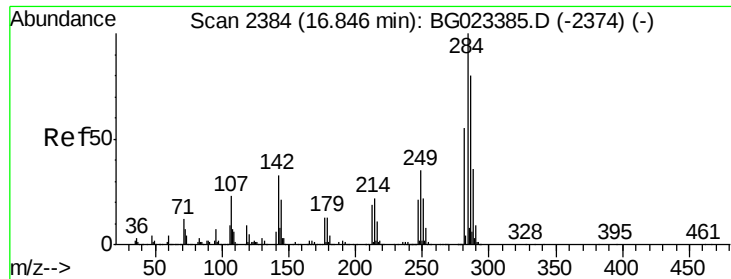


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

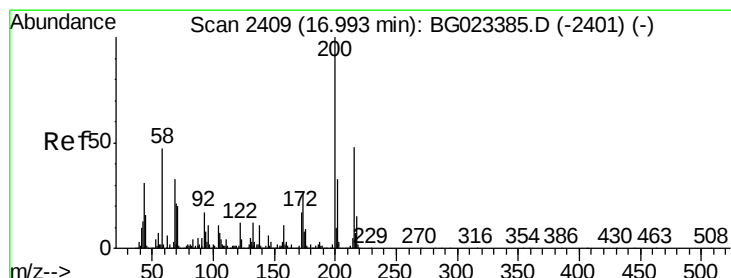
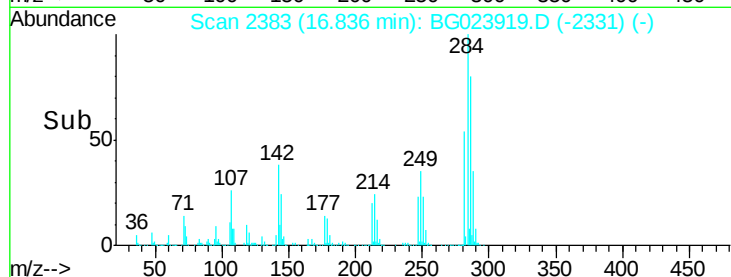
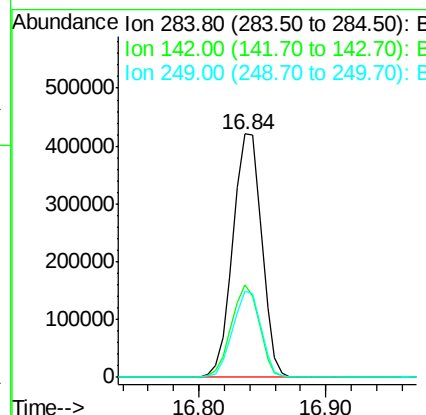
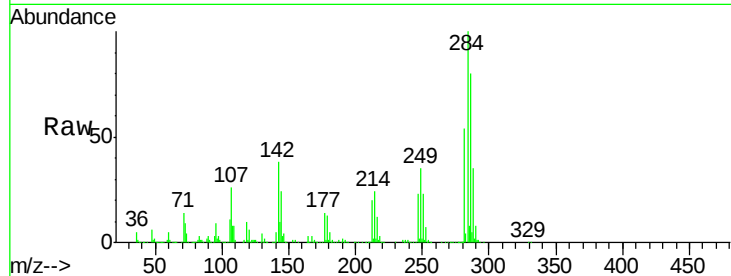




#67
Hexachlorobenzene
Concen: 38.65 ng
RT: 16.84 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

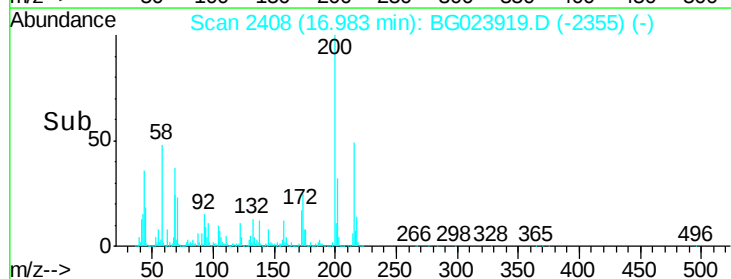
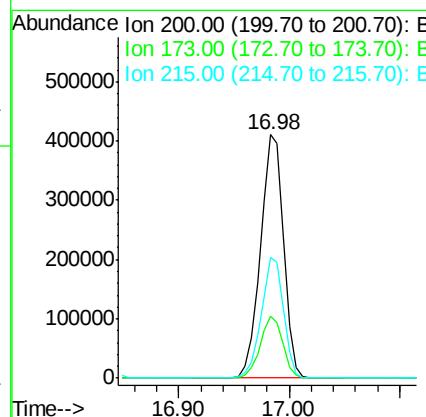
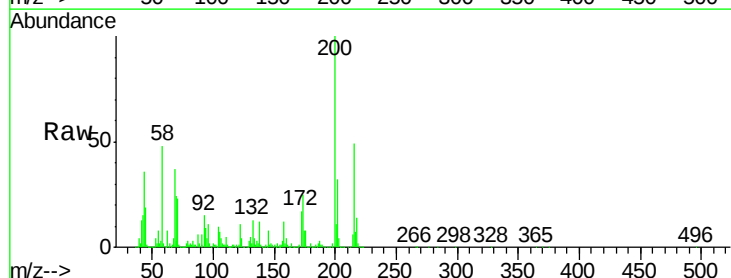
Instrument :
BNA_G
ClientSampleId :
PB93089BS

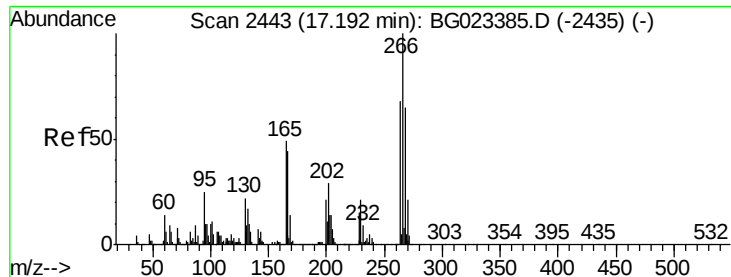
Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.2	26.8	40.2
249	35.3	28.9	43.3



#68
Atrazine
Concen: 40.01 ng
RT: 16.98 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	1.6	41.6
215	49.5	28.7	68.7

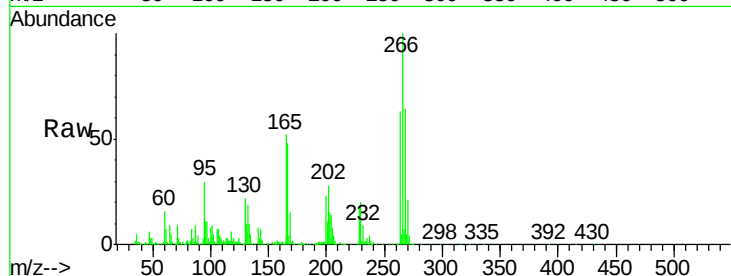




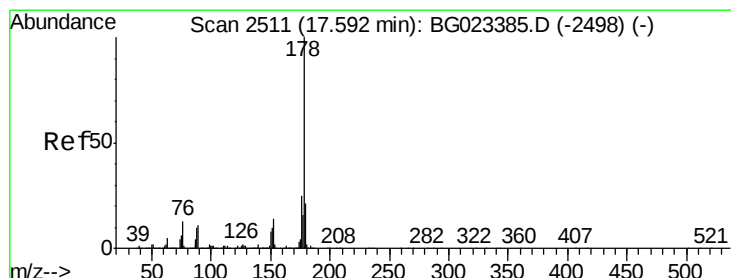
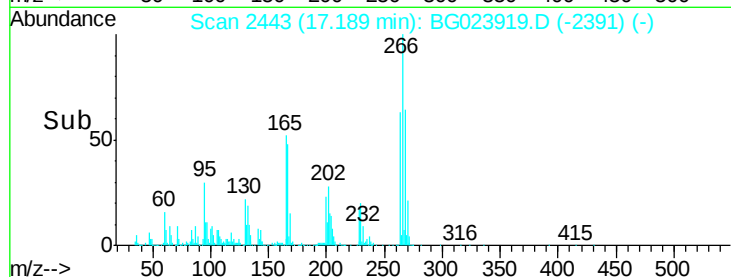
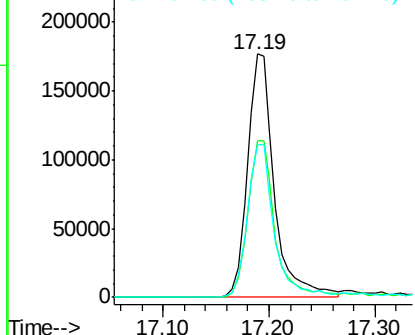
#69
 Pentachlorophenol
 Concen: 31.37 ng
 RT: 17.19 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB93089BS

Tgt Ion:266 Resp: 312271
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.9 77.9
 264 63.0 50.6 75.8

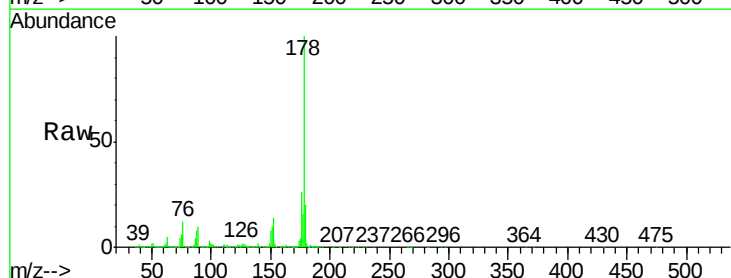


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

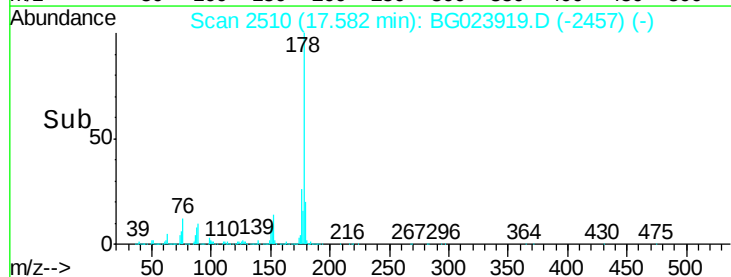
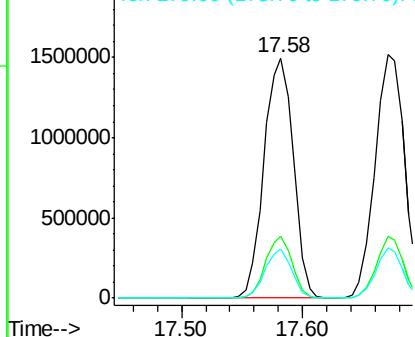


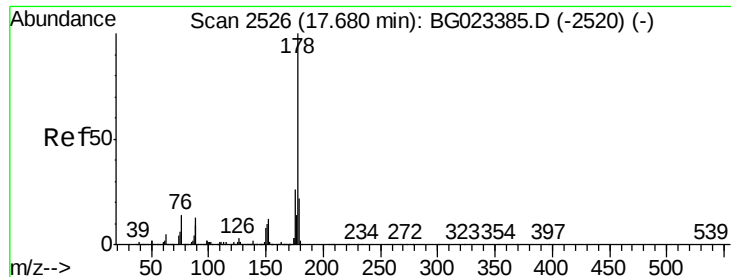
#70
 Phenanthrene
 Concen: 36.87 ng
 RT: 17.58 min Scan# 2510
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Tgt Ion:178 Resp: 2505409
 Ion Ratio Lower Upper
 178 100
 176 25.7 16.8 25.2#
 179 20.2 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: 37.51 ng

RT: 17.67 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

PB93089BS

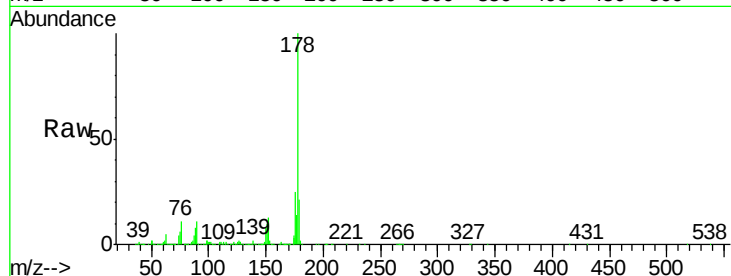
Tgt Ion:178 Resp: 2563685

Ion Ratio Lower Upper

178 100

176 25.3 17.3 25.9

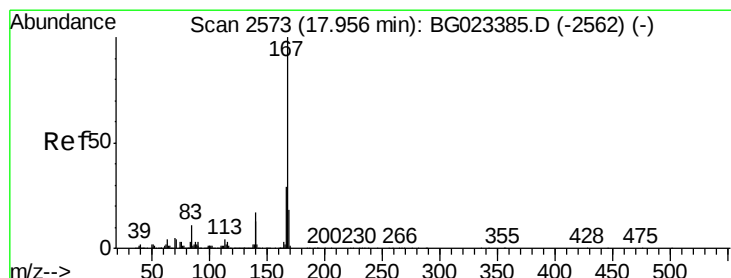
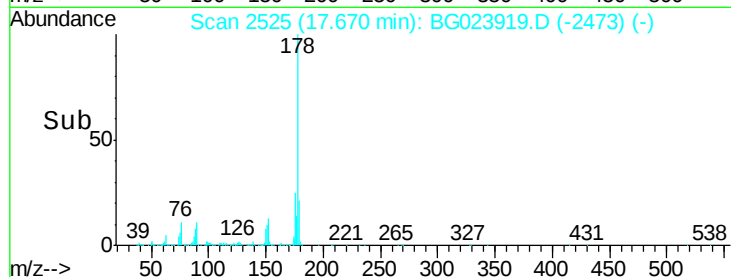
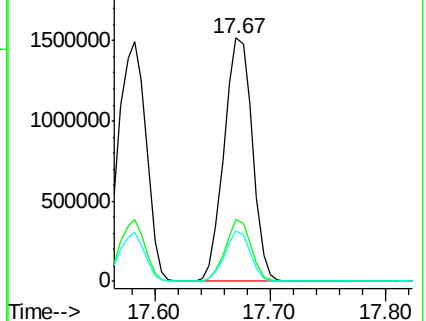
179 20.5 14.0 21.0



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



#72

Carbazole

Concen: 38.90 ng

RT: 17.95 min Scan# 2573

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

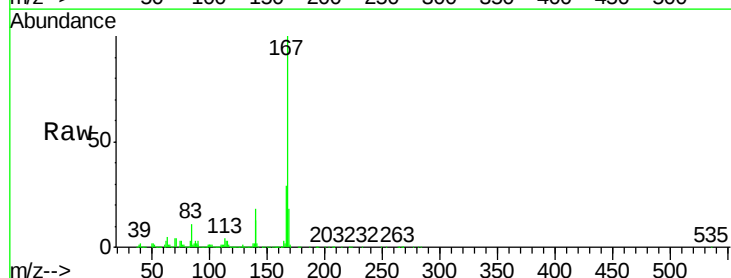
Tgt Ion:167 Resp: 2334486

Ion Ratio Lower Upper

167 100

166 28.5 20.7 31.1

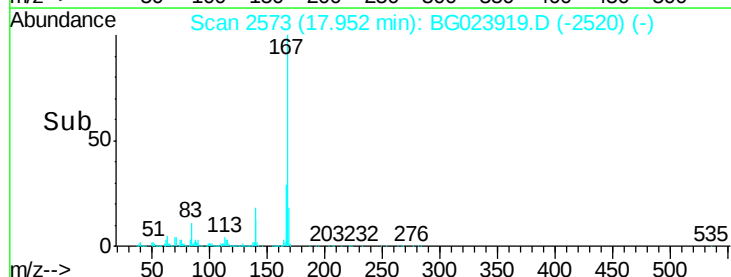
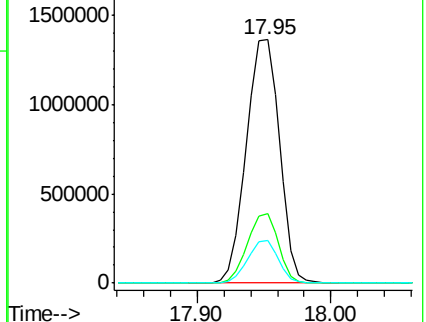
139 17.6 11.9 17.9

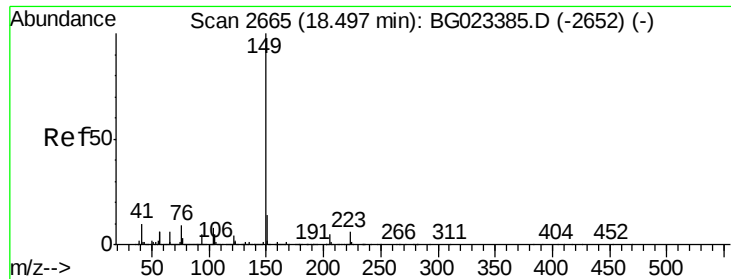


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

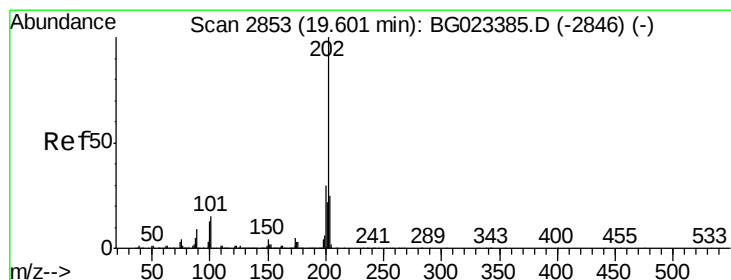
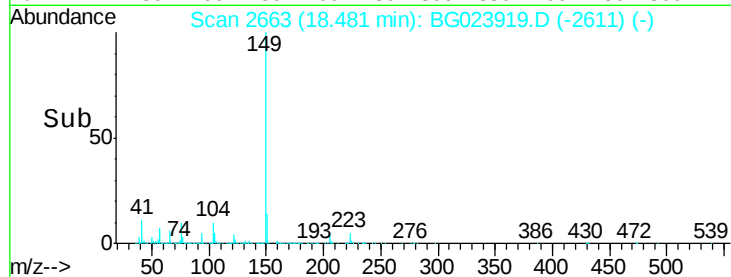
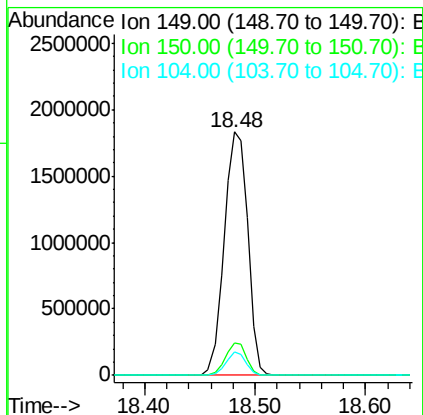
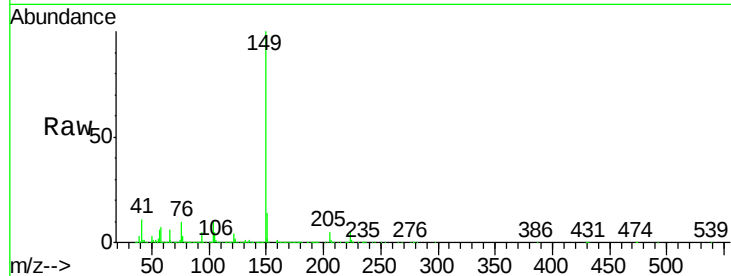




#73
Di-n-butylphthalate
Concen: 44.95 ng
RT: 18.48 min Scan# 2663
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

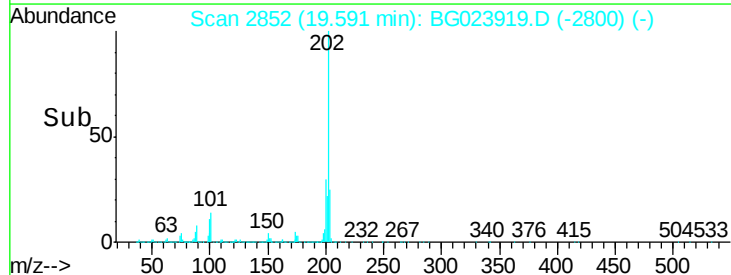
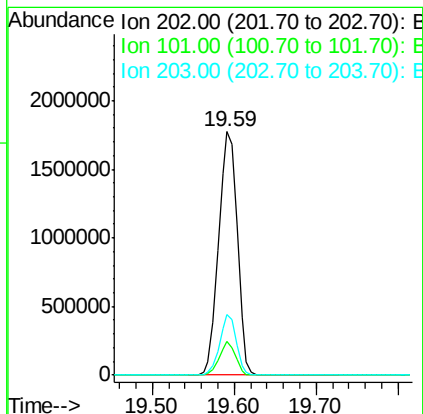
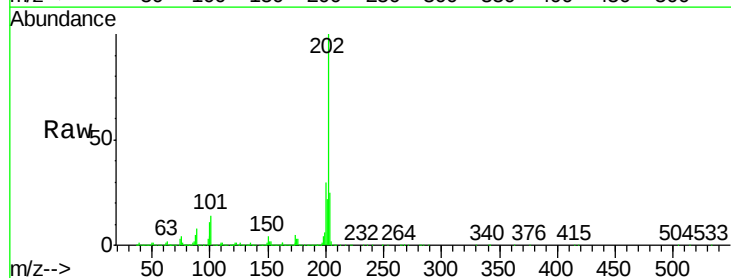
Instrument :
BNA_G
ClientSampleId :
PB93089BS

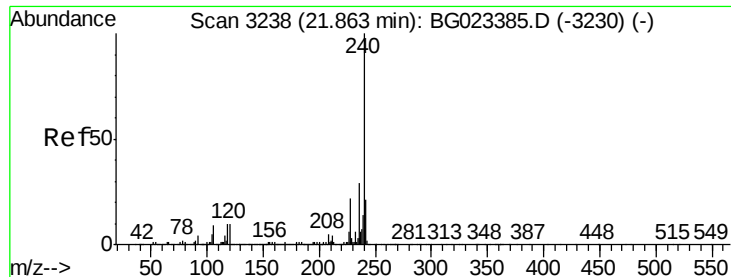
Tgt Ion:149 Resp: 2735977
Ion Ratio Lower Upper
149 100
150 13.6 9.1 13.7
104 9.8 6.9 10.3



#74
Fluoranthene
Concen: 43.92 ng
RT: 19.59 min Scan# 2852
Delta R.T. 0.01 min
Lab File: BG023919.D
Acq: 26 Aug 2016 10:37

Tgt Ion:202 Resp: 2819365
Ion Ratio Lower Upper
202 100
101 13.8 0.0 27.4
203 24.8 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

PB93089BS

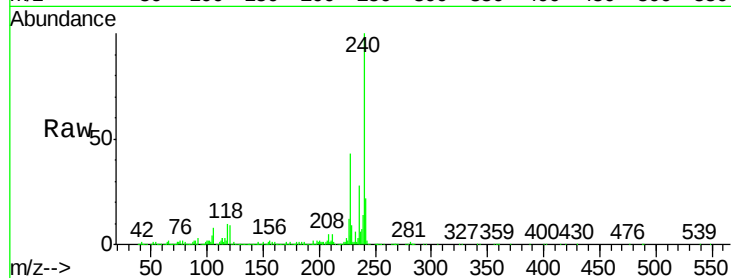
Tgt Ion:240 Resp: 1345143

Ion Ratio Lower Upper

240 100

120 9.4 4.1 6.1#

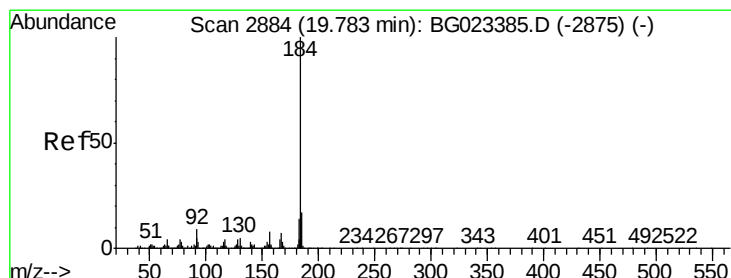
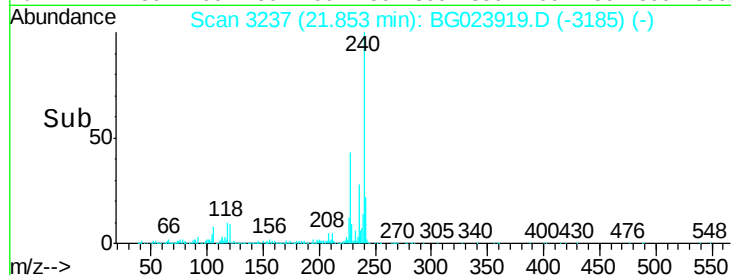
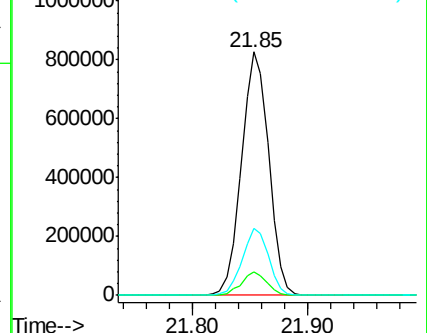
236 27.8 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.32 ng

RT: 19.77 min Scan# 2883

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

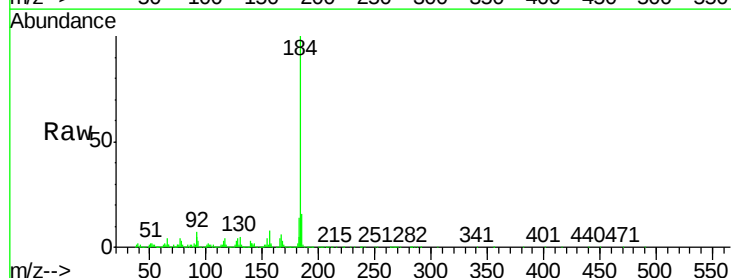
Tgt Ion:184 Resp: 1245843

Ion Ratio Lower Upper

184 100

185 16.1 12.6 19.0

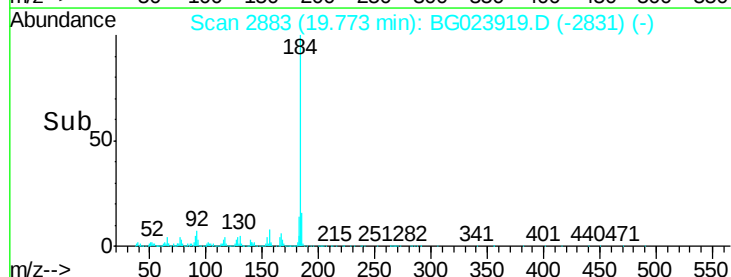
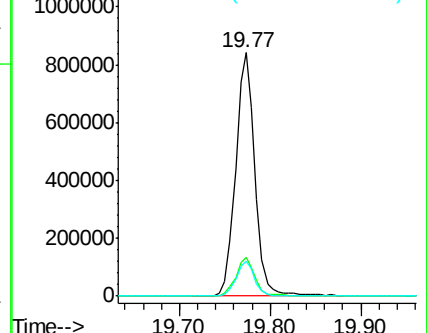
183 14.2 10.7 16.1

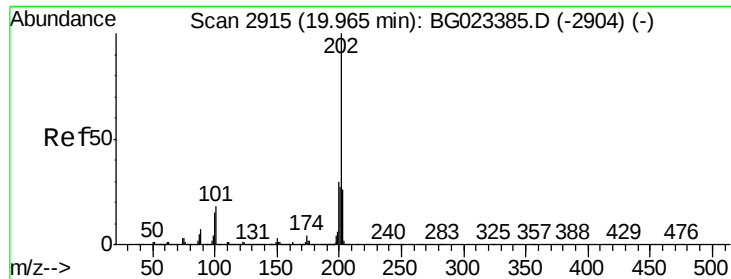


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.63 ng

RT: 19.96 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

PB93089BS

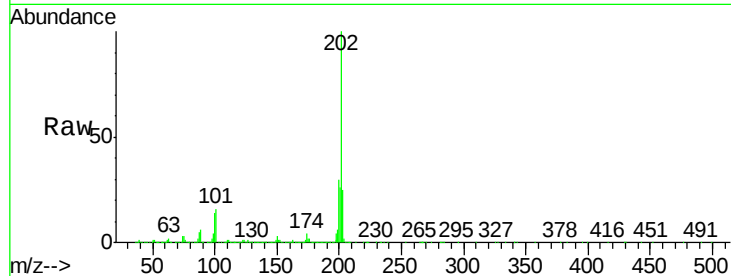
Tgt Ion:202 Resp: 2854006

Ion Ratio Lower Upper

202 100

200 29.7 21.2 31.8

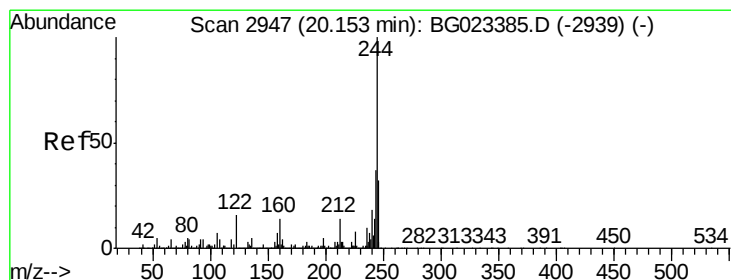
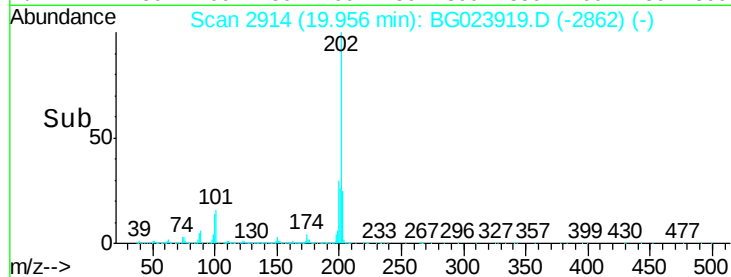
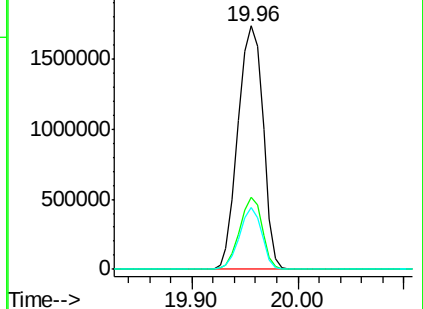
203 25.2 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.56 ng

RT: 20.14 min Scan# 2946

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

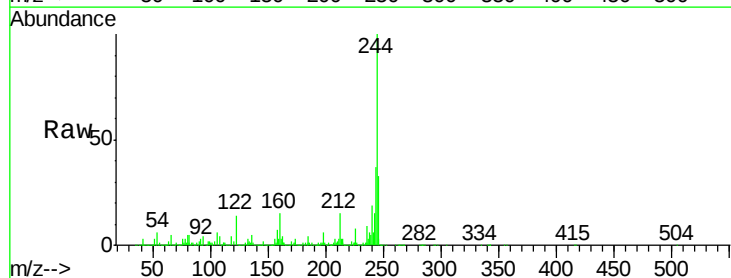
Tgt Ion:244 Resp: 3232279

Ion Ratio Lower Upper

244 100

212 15.4 10.8 16.2

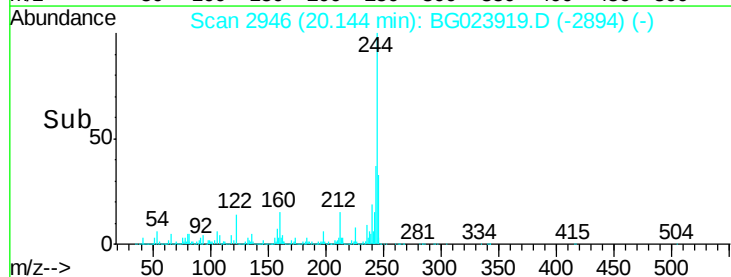
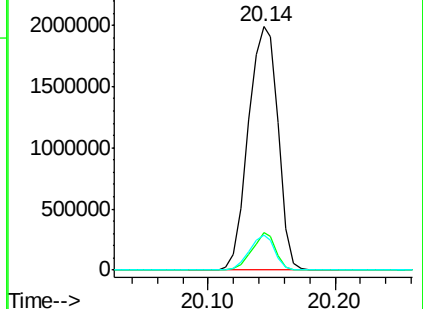
122 14.2 8.0 12.0#

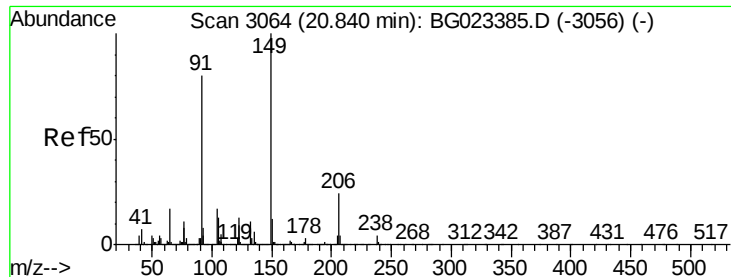


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.20 ng

RT: 20.82 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

PB93089BS

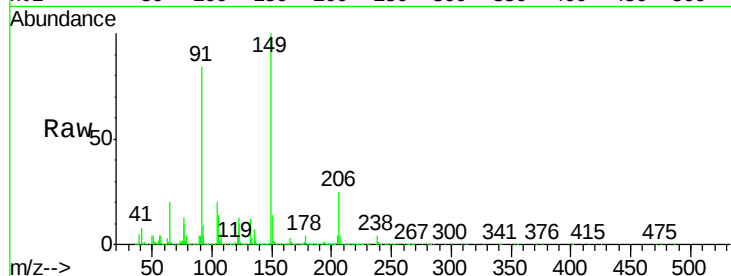
Tgt Ion:149 Resp: 1431573

Ion Ratio Lower Upper

149 100

91 83.8 68.1 102.1

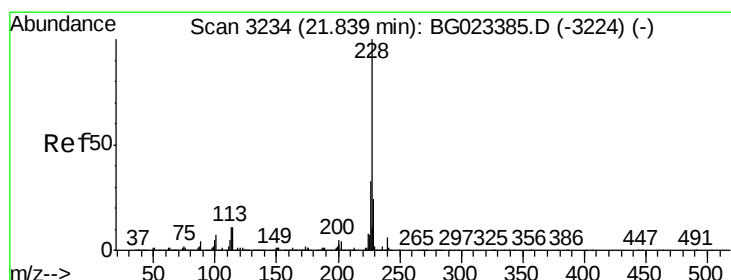
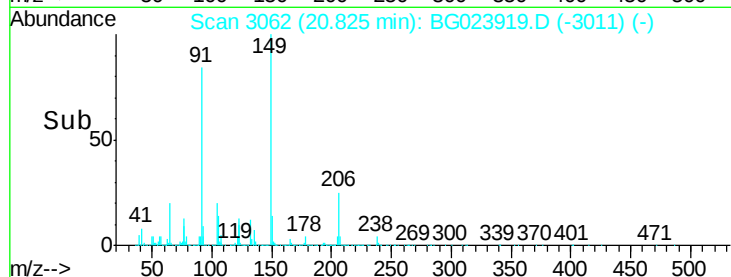
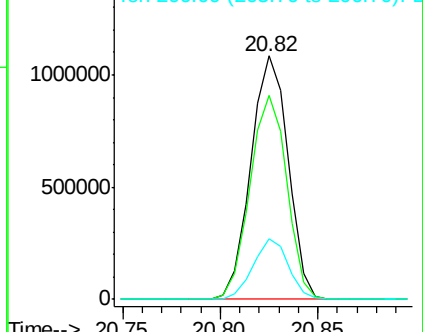
206 24.6 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.49 ng

RT: 21.84 min Scan# 3234

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

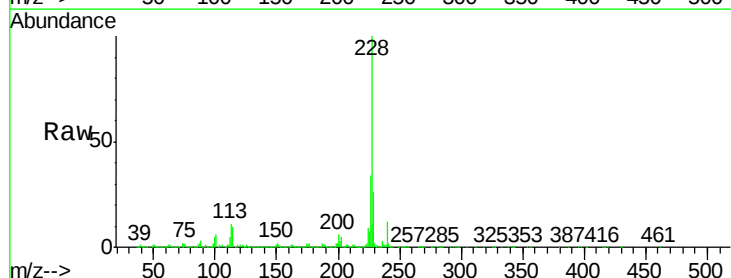
Tgt Ion:228 Resp: 2858200

Ion Ratio Lower Upper

228 100

226 34.4 25.3 37.9

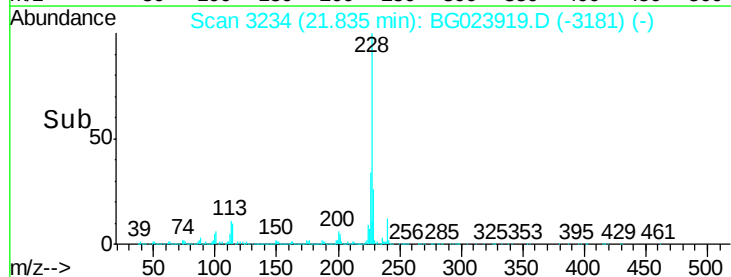
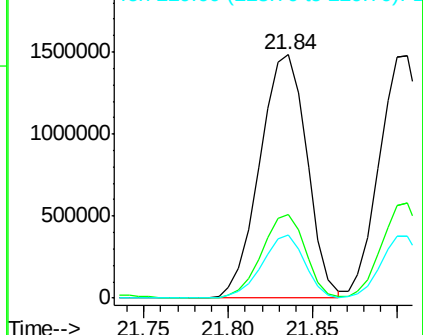
229 26.0 19.9 29.9

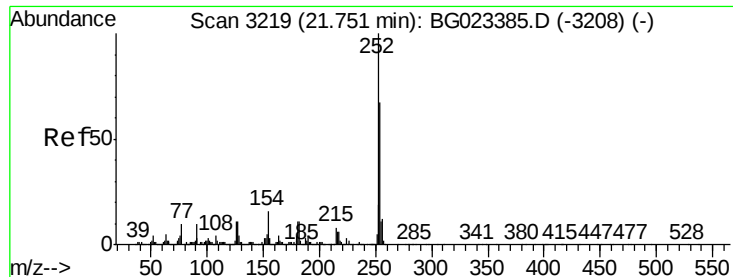


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

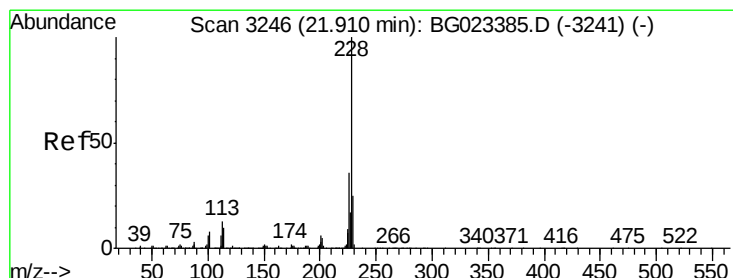
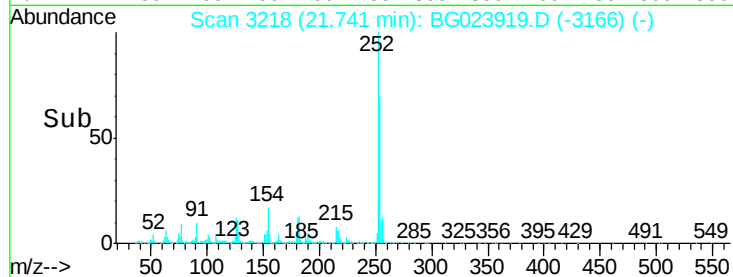
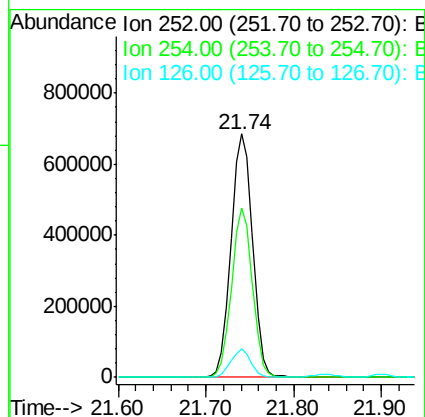
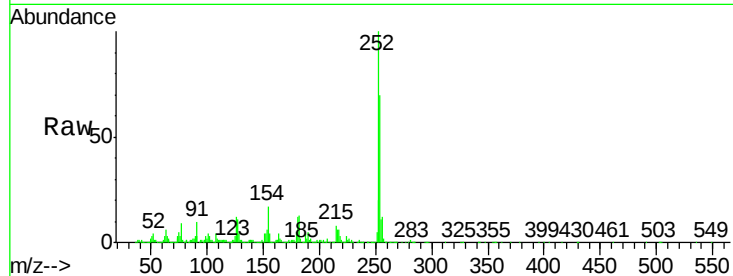




#81
 3,3'-Dichlorobenzidine
 Concen: 37.85 ng
 RT: 21.74 min Scan# 3218
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

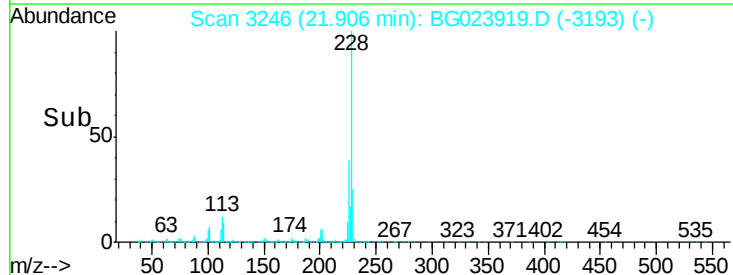
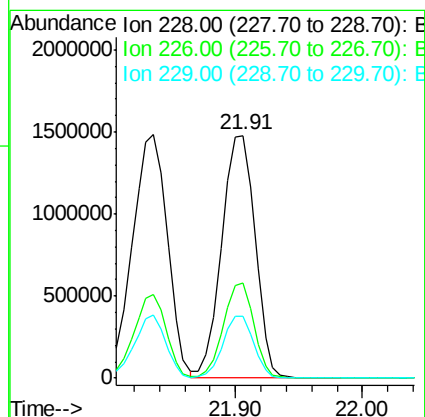
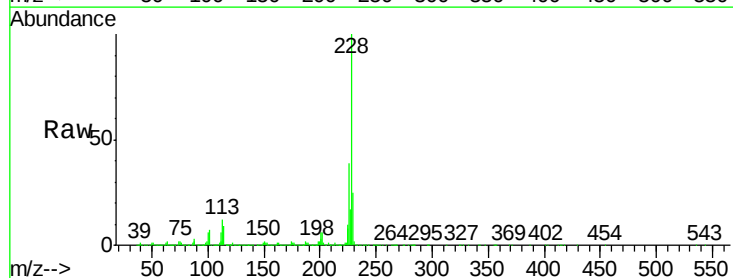
Instrument :
 BNA_G
 ClientSampleId :
 PB93089BS

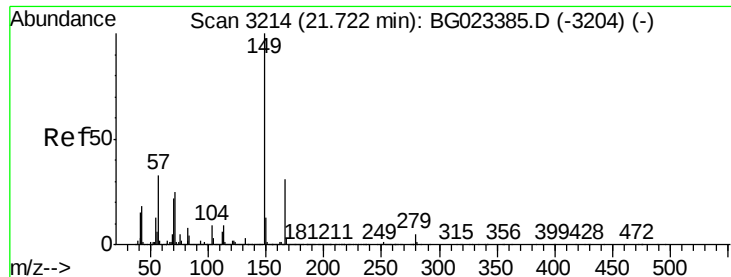
Tgt Ion:252 Resp: 1152639
 Ion Ratio Lower Upper
 252 100
 254 69.6 51.2 76.8
 126 11.9 5.3 7.9#



#82
 Chrysene
 Concen: 38.13 ng
 RT: 21.91 min Scan# 3246
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Tgt Ion:228 Resp: 2693868
 Ion Ratio Lower Upper
 228 100
 226 39.3 26.7 40.1
 229 25.3 17.4 26.2

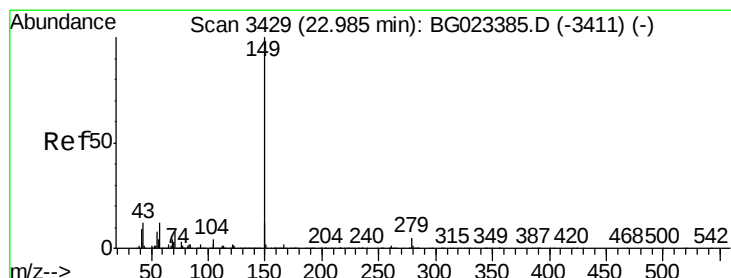
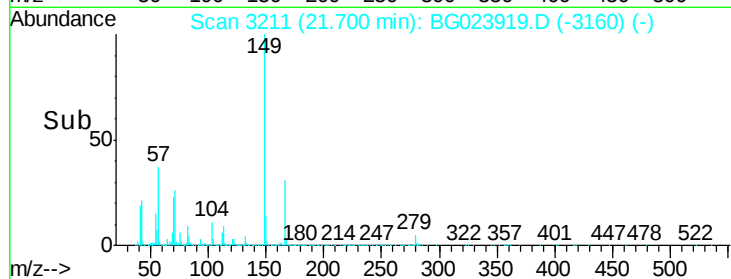
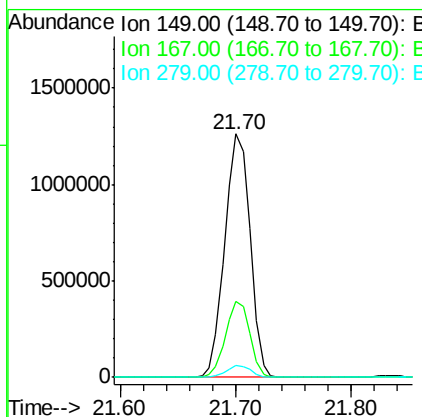
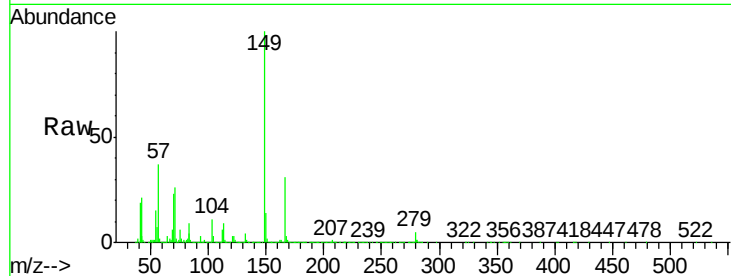




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.41 ng
 RT: 21.70 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

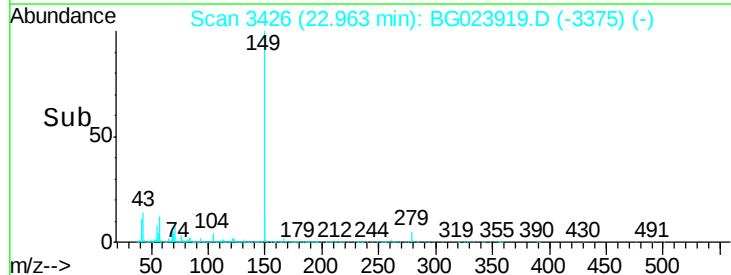
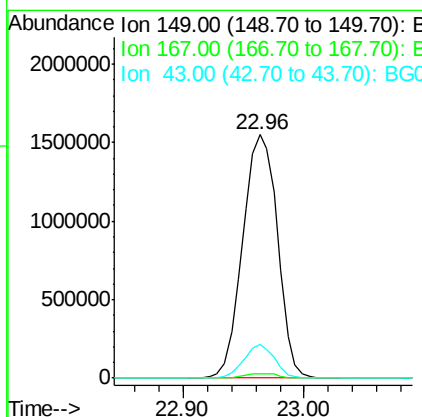
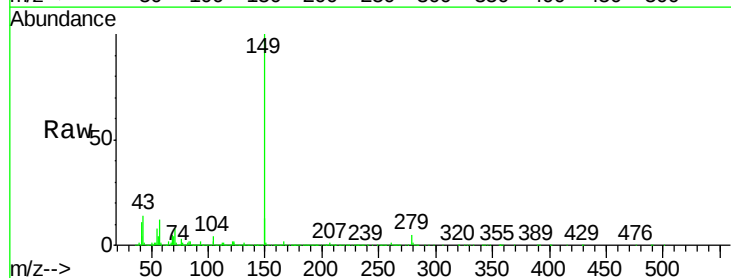
Instrument :
 BNA_G
 ClientSampleId :
 PB93089BS

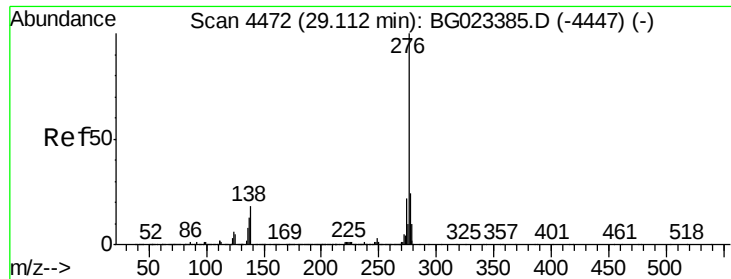
Tgt Ion:149 Resp: 1925462
 Ion Ratio Lower Upper
 149 100
 167 31.4 24.0 36.0
 279 5.0 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 41.13 ng
 RT: 22.96 min Scan# 3426
 Delta R.T. 0.00 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Tgt Ion:149 Resp: 3113313
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.5 2.3
 43 12.3 8.8 13.2

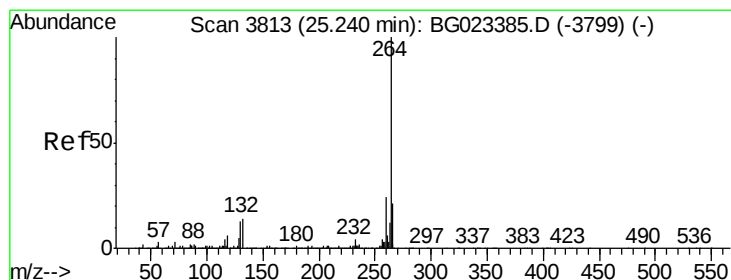
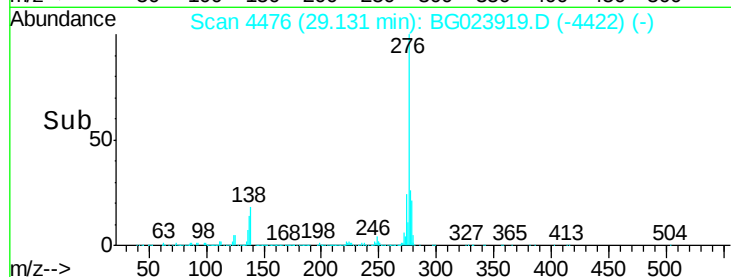
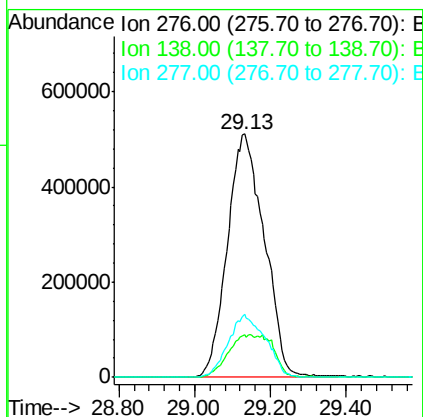
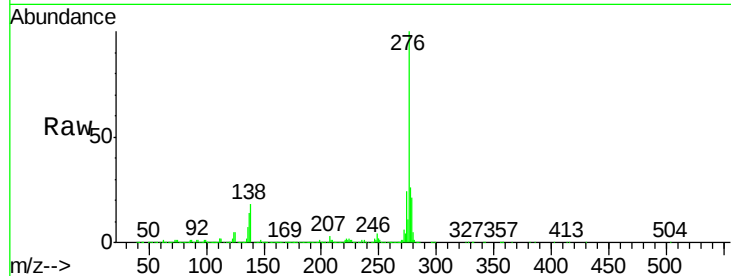




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.37 ng
 RT: 29.13 min Scan# 4476
 Delta R.T. 0.02 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

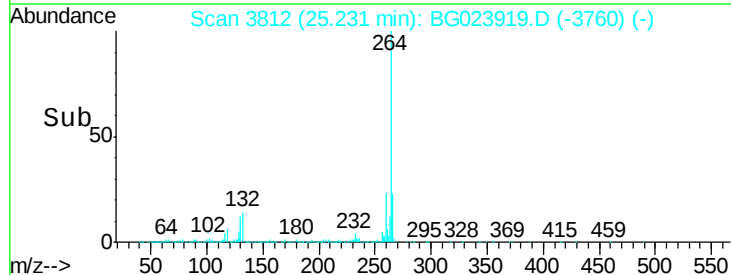
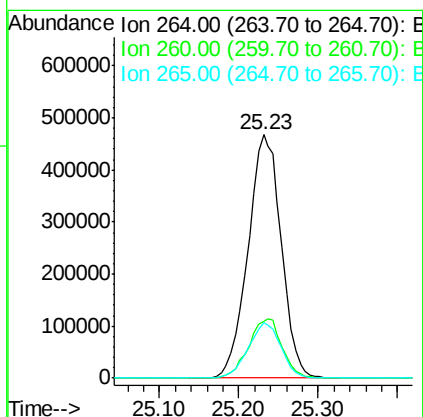
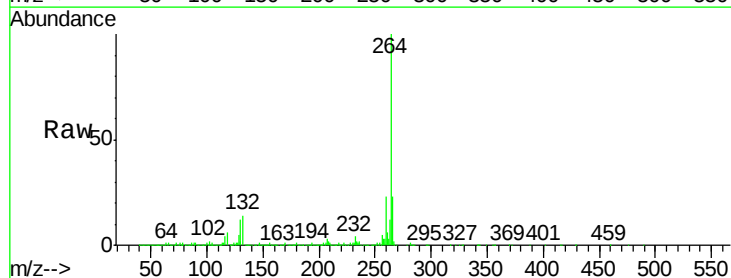
Instrument :
 BNA_G
 ClientSampleId :
 PB93089BS

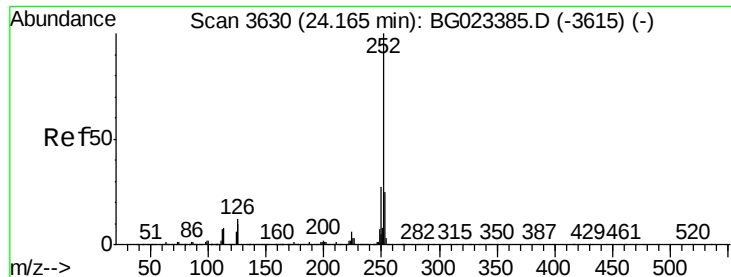
Tgt Ion: 276 Resp: 3474965
 Ion Ratio Lower Upper
 276 100
 138 9.2 0.0 0.0#
 277 26.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3812
 Delta R.T. 0.01 min
 Lab File: BG023919.D
 Acq: 26 Aug 2016 10:37

Tgt Ion: 264 Resp: 1366164
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 22.8 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 40.25 ng

RT: 24.16 min Scan# 3630

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

PB93089BS

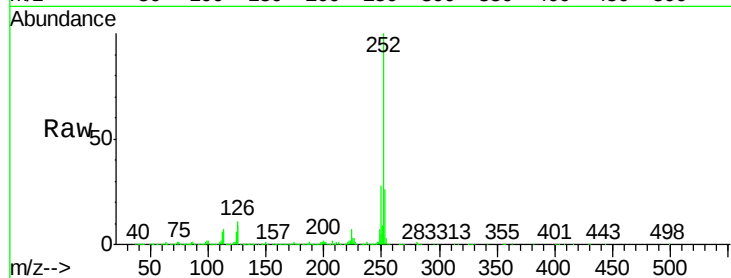
Tgt Ion:252 Resp: 3094020

Ion Ratio Lower Upper

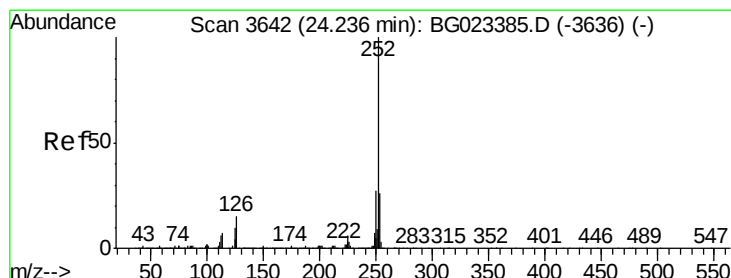
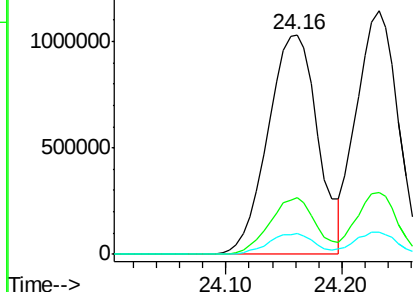
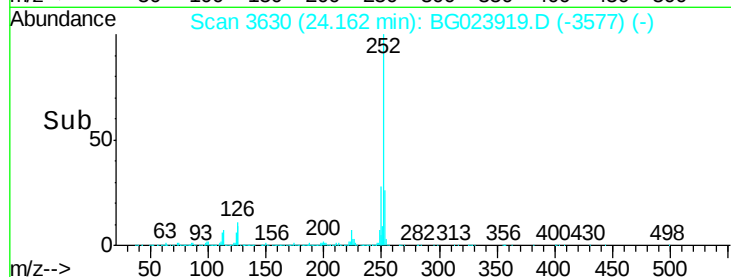
252 100

253 25.7 18.9 28.3

125 9.5 3.9 5.9#



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



#88

Benzo(k)fluoranthene

Concen: 38.43 ng

RT: 24.23 min Scan# 3642

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

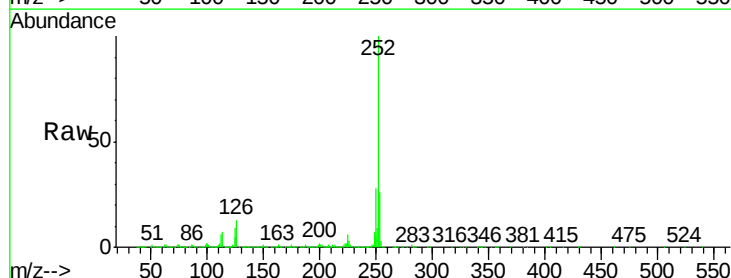
Tgt Ion:252 Resp: 2837195

Ion Ratio Lower Upper

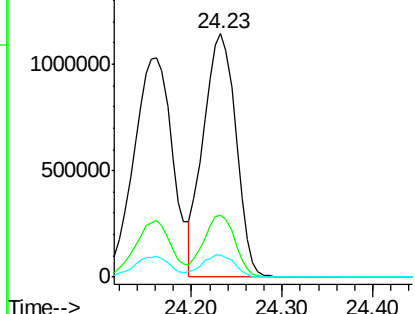
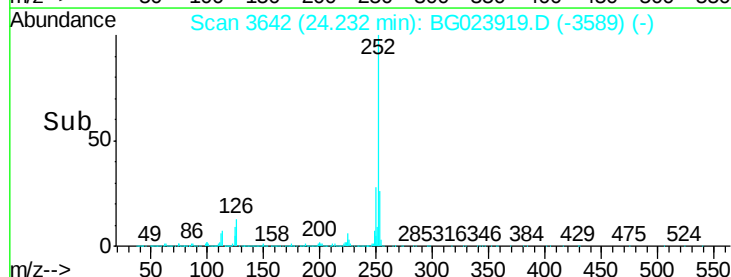
252 100

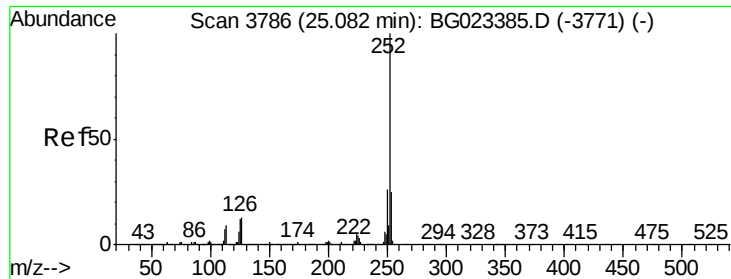
253 25.5 18.8 28.2

125 9.3 3.2 4.8#



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





#89

Benzo(a)pyrene

Concen: 40.00 ng

RT: 25.08 min Scan# 3786

Delta R.T. 0.01 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

PB93089BS

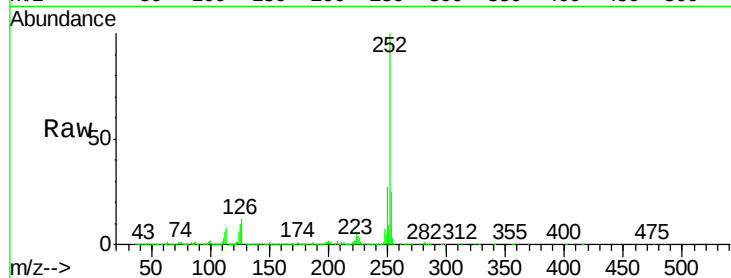
Tgt Ion:252 Resp: 2924278

Ion Ratio Lower Upper

252 100

253 24.6 18.7 28.1

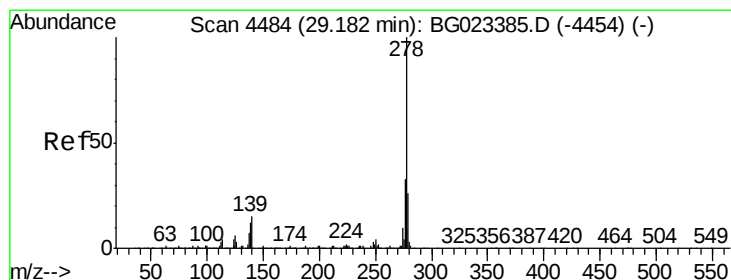
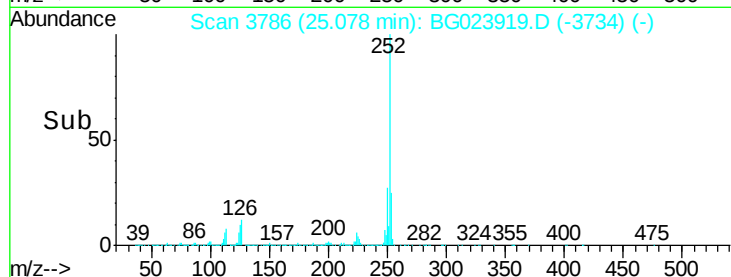
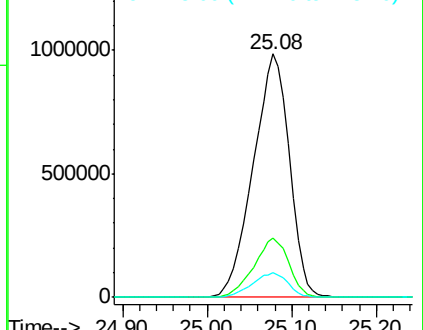
125 10.1 3.9 5.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 39.20 ng

RT: 29.20 min Scan# 4487

Delta R.T. 0.02 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

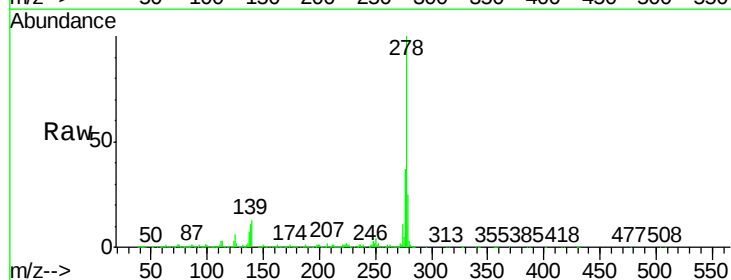
Tgt Ion:278 Resp: 2927427

Ion Ratio Lower Upper

278 100

139 12.9 4.7 7.1#

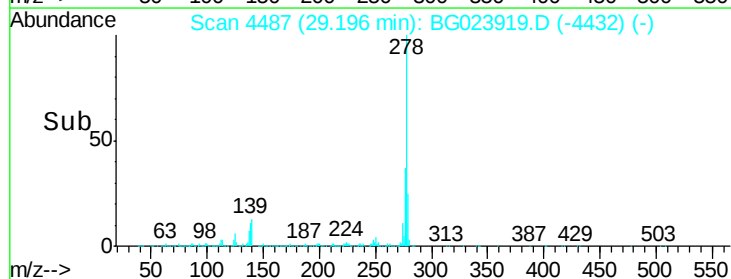
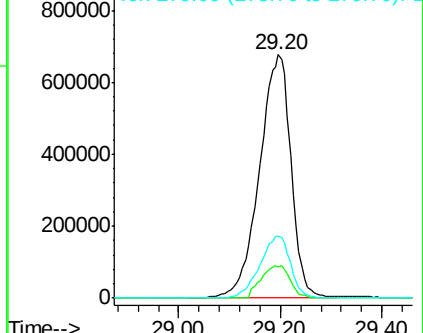
279 25.3 18.3 27.5

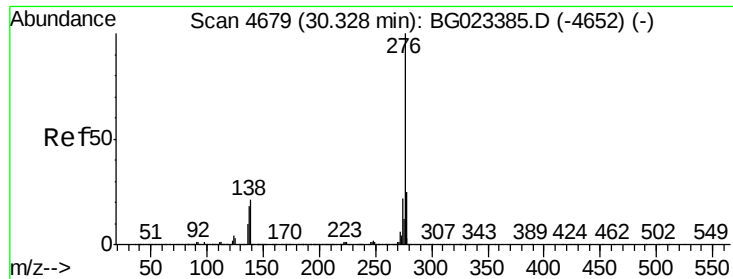


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.21 ng

RT: 30.35 min Scan# 4684

Delta R.T. 0.03 min

Lab File: BG023919.D

Acq: 26 Aug 2016 10:37

Instrument :

BNA_G

ClientSampleId :

PB93089BS

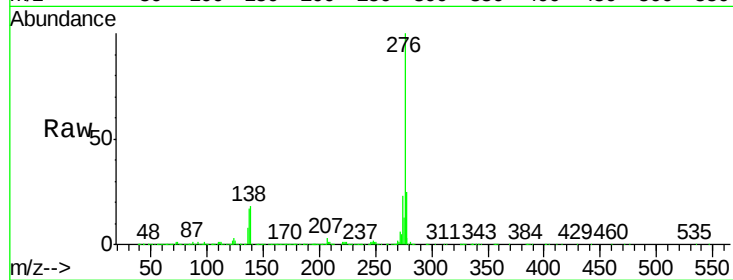
Tgt Ion:276 Resp: 2722724

Ion Ratio Lower Upper

276 100

277 24.5 18.6 27.8

138 18.4 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

