

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
 Data File : BG031897.D
 Acq On : 3 Jan 2018 19:07
 Operator : SJ/JU
 Sample : PB105460BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 04:46:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	46255	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	202670	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	144129	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	372812	20.00	ng	0.00
75) Chrysene-d12	22.49	240	431875	20.00	ng	-0.01
86) Perylene-d12	26.22	264	458588	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.21	112	354422	139.56	ng	0.00
7) Phenol-d6	7.89	99	462900	140.39	ng	0.00
23) Nitrobenzene-d5	9.98	82	246713	91.92	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	327766	149.04	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	927536	80.77	ng	0.00
78) Terphenyl-d14	20.68	244	1721316	91.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.86	88	28632	30.415	ng	# 73
3) Pyridine	4.31	79	84294	33.499	ng	# 79
4) n-Nitrosodimethylamine	4.21	42	37771	37.198	ng	# 83
6) Aniline	8.08	93	53549	12.623	ng	92
8) 2-Chlorophenol	8.33	128	124883	42.393	ng	# 81
9) Benzaldehyde	7.89	77	28326	14.267	ng	81
10) Phenol	7.92	94	144997	43.558	ng	88
11) bis(2-Chloroethyl)ether	8.17	93	95573	34.571	ng	# 81
12) 1,3-Dichlorobenzene	8.67	146	131210	35.867	ng	# 94
13) 1,4-Dichlorobenzene	8.82	146	134102	35.886	ng	91
14) 1,2-Dichlorobenzene	9.16	146	130033	36.723	ng	96
15) Benzyl Alcohol	9.02	79	100014	40.407	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.31	45	97707	43.399	ng	82
17) 2-Methylphenol	9.22	107	103408	43.415	ng	98
18) Hexachloroethane	9.91	117	39933	35.283	ng	91
19) n-Nitroso-di-n-propylamine	9.60	70	76879	34.142	ng	# 84
20) 3+4-Methylphenols	9.55	107	142610	42.128	ng	96
22) Acetophenone	9.63	105	171292	36.378	ng	# 85
24) Nitrobenzene	10.03	77	109959	39.751	ng	# 80
25) Isophorone	10.55	82	221100	38.267	ng	# 85
26) 2-Nitrophenol	10.75	139	72420	49.933	ng	# 82
27) 2,4-Dimethylphenol	10.79	122	133928	43.883	ng	87
28) bis(2-Chloroethoxy)methane	11.03	93	137969	35.588	ng	96
29) 2,4-Dichlorophenol	11.29	162	156158	43.585	ng	89
30) 1,2,4-Trichlorobenzene	11.52	180	153375	35.060	ng	99
31) Naphthalene	11.72	128	380757	37.226	ng	99
32) Benzoic acid	10.89	122	80120	39.822	ng	# 78
33) 4-Chloroaniline	11.81	127	56546	12.417	ng	# 91
34) Hexachlorobutadiene	11.99	225	100560	33.483	ng	96
35) Caprolactam	12.56	113	52501	48.342	ng	# 41
36) 4-Chloro-3-methylphenol	12.89	107	147187	44.481	ng	# 80
37) 2-Methylnaphthalene	13.28	142	319866	38.577	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	220760	36.364	ng	# 97
40) Hexachlorocyclopentadiene	13.61	237	259409	80.999	ng	91

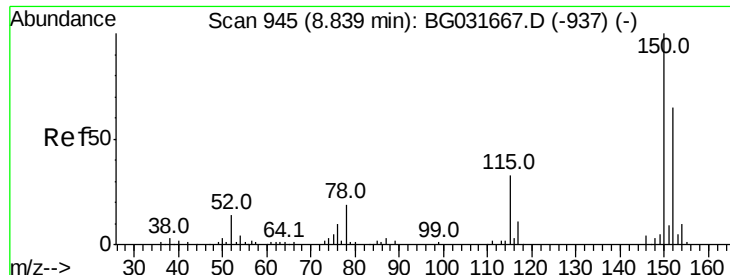
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
 Data File : BG031897.D
 Acq On : 3 Jan 2018 19:07
 Operator : SJ/JU
 Sample : PB105460BS
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Quant Time: Jan 04 04:46:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	148917	42.545	ng	99
43) 2,4,5-Trichlorophenol	13.93	196	163433	42.133	ng	# 93
45) 1,1'-Biphenyl	14.25	154	474069	38.511	ng	95
46) 2-Chloronaphthalene	14.31	162	356112	37.927	ng	96
47) 2-Nitroaniline	14.50	65	80927	49.904	ng	# 66
48) Acenaphthylene	15.15	152	556913	37.074	ng	98
49) Dimethylphthalate	14.85	163	490960	38.667	ng	99
50) 2,6-Dinitrotoluene	14.97	165	111100	47.564	ng	# 67
51) Acenaphthene	15.48	154	400349	40.694	ng	96
52) 3-Nitroaniline	15.31	138	51234	22.482	ng	# 67
53) 2,4-Dinitrophenol	15.50	184	102809	101.355	ng	# 76
54) Dibenzofuran	15.81	168	593434	39.351	ng	98
55) 4-Nitrophenol	15.58	139	177679	95.794	ng	# 67
56) 2,4-Dinitrotoluene	15.75	165	154958	51.592	ng	# 62
57) Fluorene	16.45	166	481314	39.287	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.02	232	174595	46.134	ng	# 84
59) Diethylphthalate	16.19	149	474014	38.302	ng	95
60) 4-Chlorophenyl-phenylether	16.43	204	282510	37.688	ng	92
61) 4-Nitroaniline	16.46	138	92258	41.486	ng	81
62) Azobenzene	16.72	77	315190	39.713	ng	84
64) 4,6-Dinitro-2-methylphenol	16.51	198	80617	45.064	ng	# 69
65) n-Nitrosodiphenylamine	16.64	169	451555	36.469	ng	98
66) 4-Bromophenyl-phenylether	17.32	248	210124	38.976	ng	95
67) Hexachlorobenzene	17.45	284	217624	39.488	ng	# 89
68) Atrazine	17.57	200	196956	40.908	ng	97
69) Pentachlorophenol	17.79	266	290371	76.602	ng	99
70) Phenanthrene	18.19	178	828415	39.264	ng	99
71) Anthracene	18.29	178	846415	39.770	ng	99
72) Carbazole	18.54	167	751858	39.913	ng	100
73) Di-n-butylphthalate	19.05	149	819967	39.169	ng	99
74) Fluoranthene	20.15	202	1057030	40.831	ng	97
76) Benzidine	20.31	184	268681	20.156	ng	98
77) Pyrene	20.51	202	1070017	38.787	ng	98
79) Butylbenzylphthalate	21.38	149	369849	39.937	ng	# 75
80) Benzo(a)anthracene	22.47	228	1067971	38.875	ng	98
81) 3,3'-Dichlorobenzidine	22.36	252	199252	18.707	ng	# 97
82) Chrysene	22.55	228	1003067	38.590	ng	98
83) Bis(2-ethylhexyl)phthalate	22.32	149	498237	37.135	ng	# 96
84) Di-n-octyl phthalate	23.71	149	862391	38.166	ng	# 87
85) Indeno(1,2,3-cd)pyrene	30.56	276	1336419	40.076	ng	# 89
87) Benzo(b)fluoranthene	25.03	252	1114331	39.145	ng	# 97
88) Benzo(k)fluoranthene	25.11	252	1103659	38.741	ng	# 97
89) Benzo(a)pyrene	26.05	252	1094616	40.150	ng	# 96
90) Dibenzo(a,h)anthracene	30.65	278	1109618	39.409	ng	95
91) Benzo(g,h,i)perylene	30.56	276	1336419	40.201	ng	# 94

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

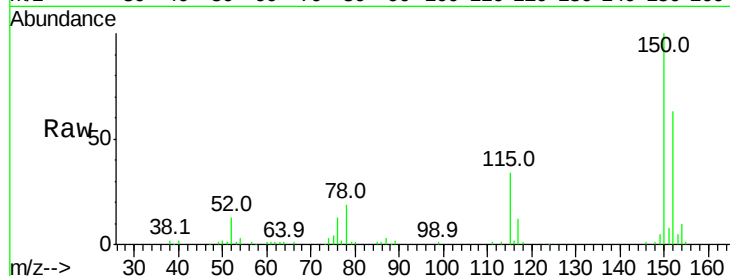


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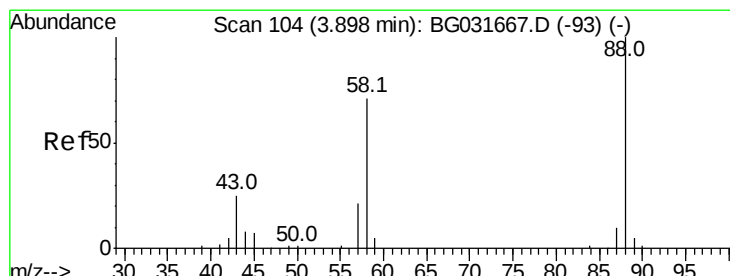
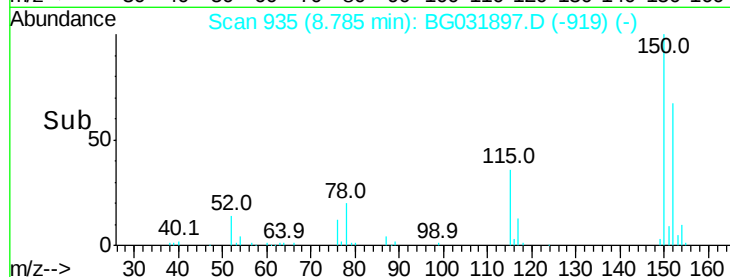
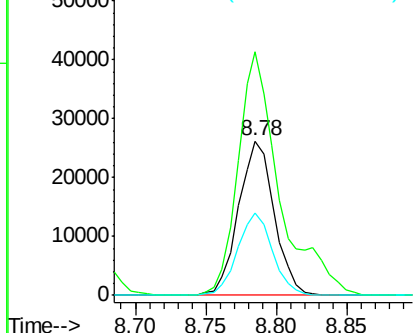
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 46255
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.6 189.8
 115 53.5 53.0 79.4



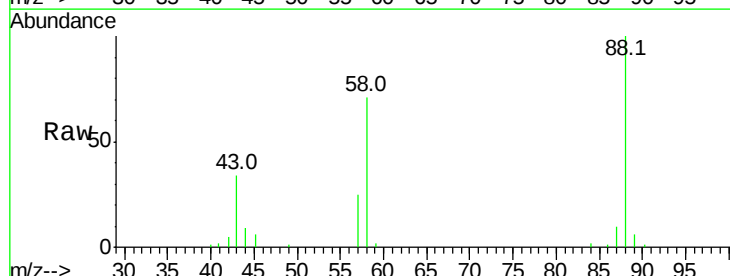
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



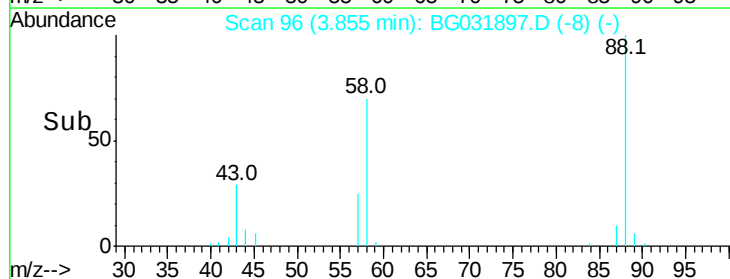
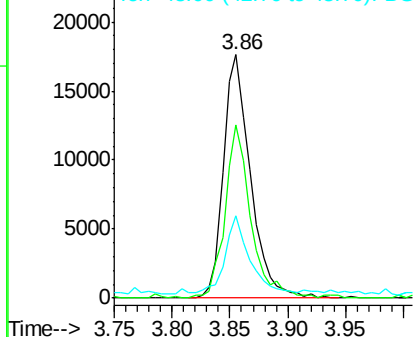
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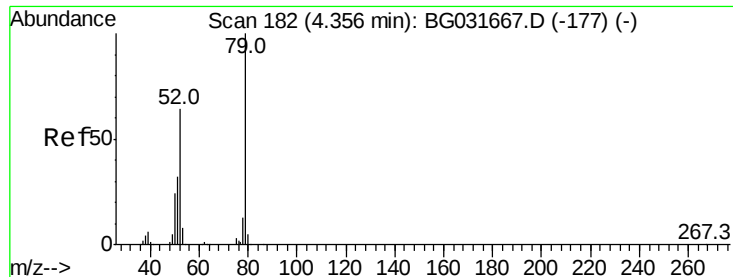
1,4-Dioxane
 Concen: 30.415 ng
 RT: 3.86 min Scan# 96
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Tgt Ion: 88 Resp: 28632
 Ion Ratio Lower Upper
 88 100
 58 67.8 79.6 119.4#
 43 27.6 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.499 ng

RT: 4.31 min Scan# 173

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

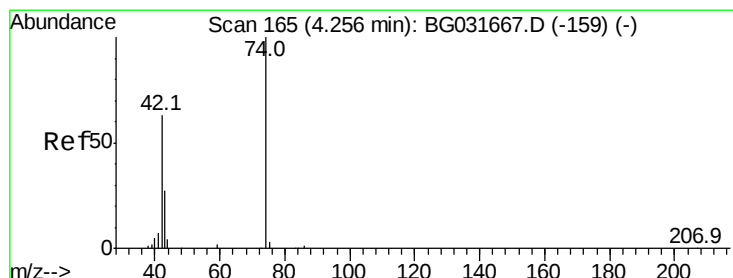
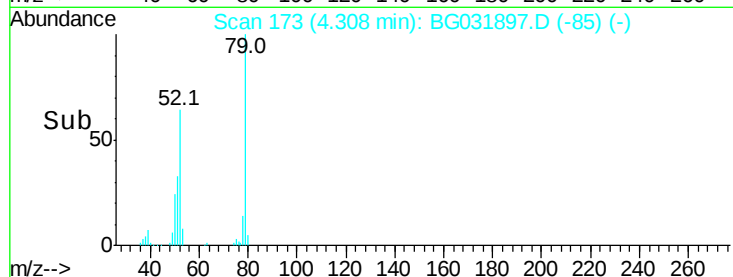
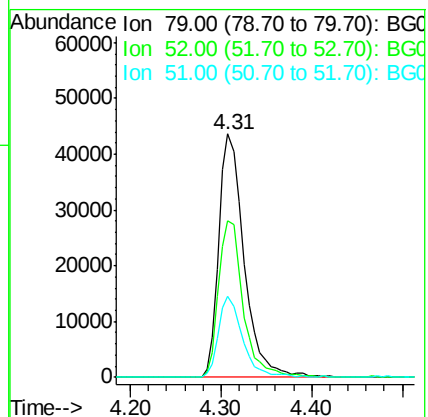
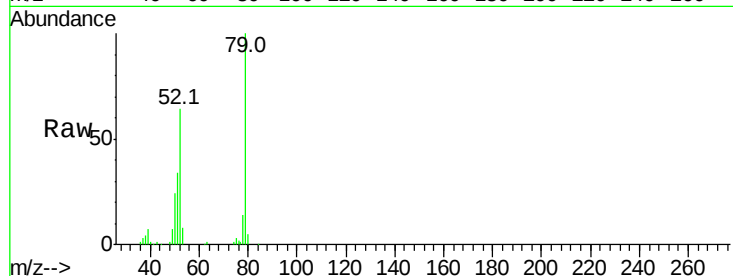
Tot Ion: 79 Resp: 84294

Ion Ratio Lower Upper

79 100

52 64.2 69.9 104.9#

51 33.5 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 37.198 ng

RT: 4.21 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

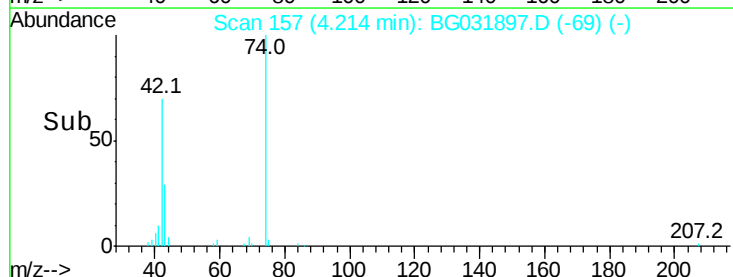
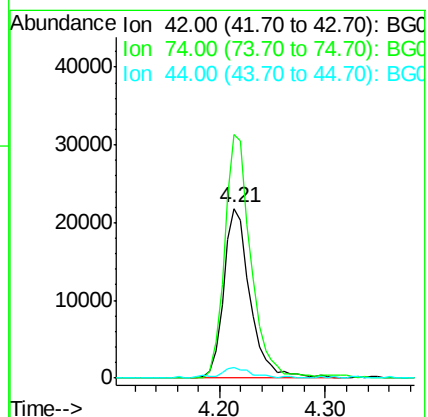
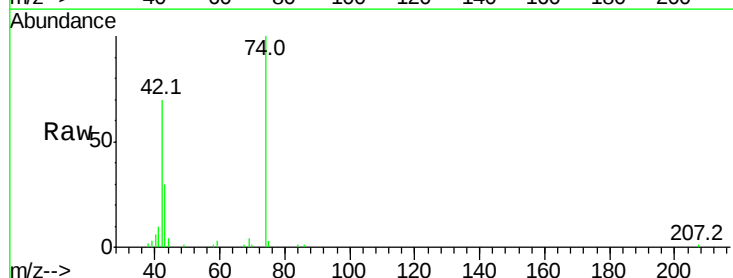
Tgt Ion: 42 Resp: 37771

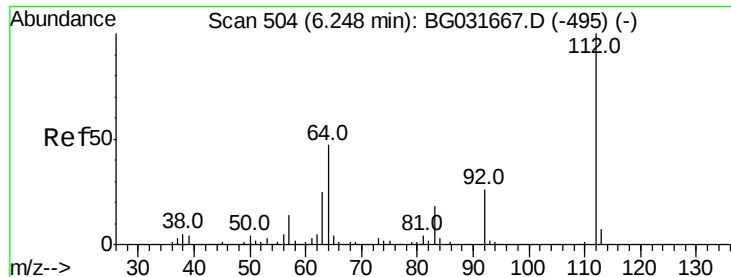
Ion Ratio Lower Upper

42 100

74 143.2 102.5 153.7

44 6.3 18.9 28.3#





#5

2-Fluorophenol

Concen: 139.561 ng

RT: 6.21 min Scan# 497

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

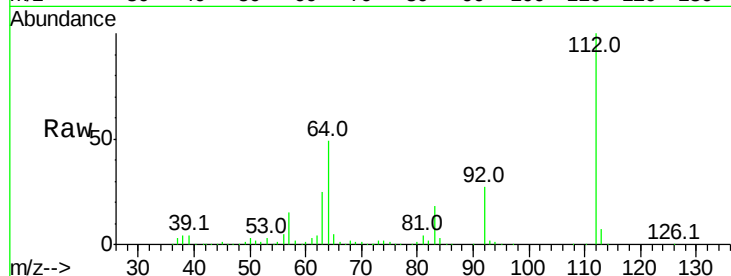
Tot Ion:112 Resp: 354422

Ion Ratio Lower Upper

112 100

64 49.2 56.3 84.5#

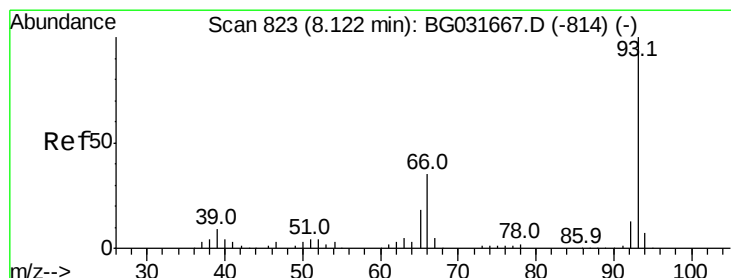
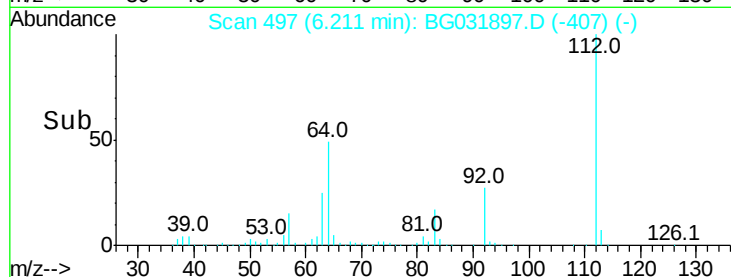
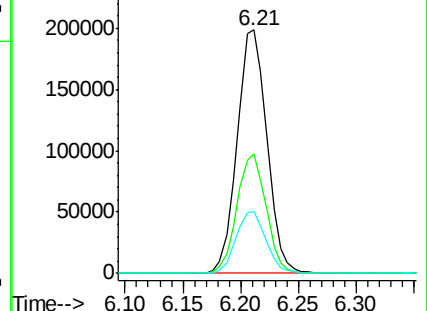
63 25.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.623 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

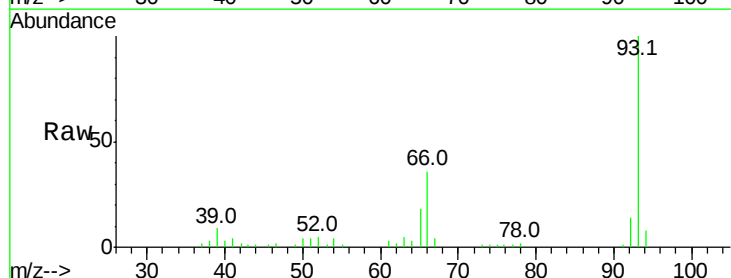
Tgt Ion: 93 Resp: 53549

Ion Ratio Lower Upper

93 100

66 36.4 33.7 50.5

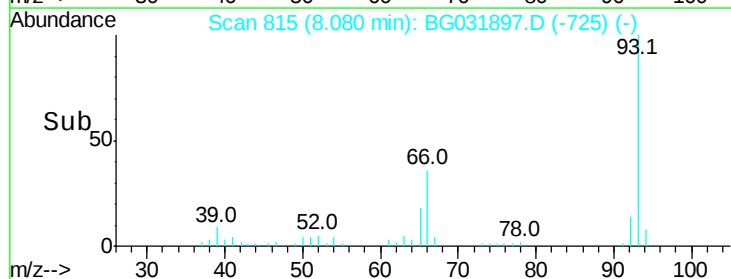
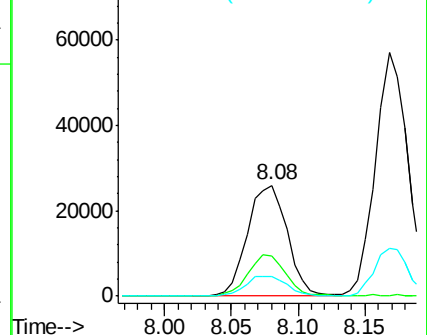
65 17.6 16.1 24.1



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: 140.393 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

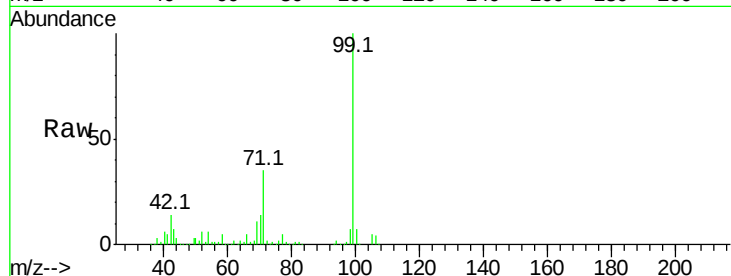
Tot Ion: 99 Resp: 462900

Ion Ratio Lower Upper

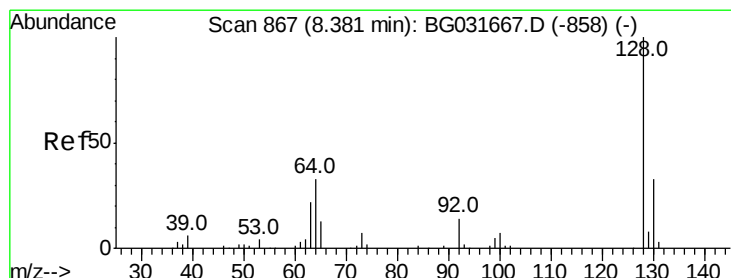
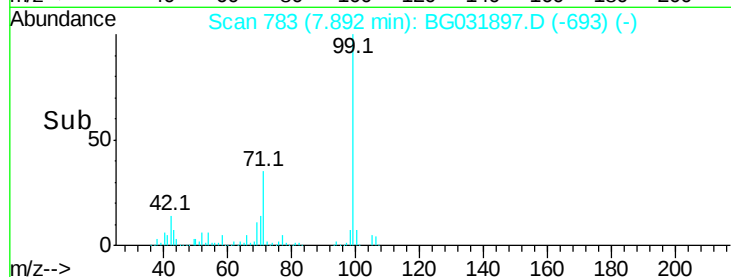
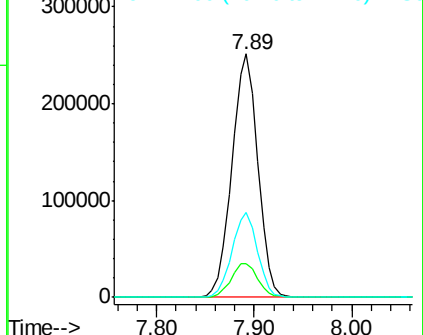
99 100

42 13.6 14.1 21.1#

71 35.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.393 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

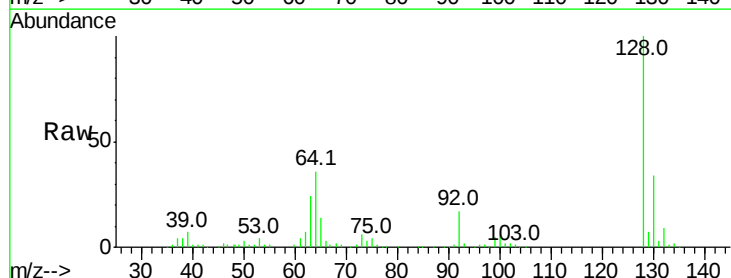
Tgt Ion: 128 Resp: 124883

Ion Ratio Lower Upper

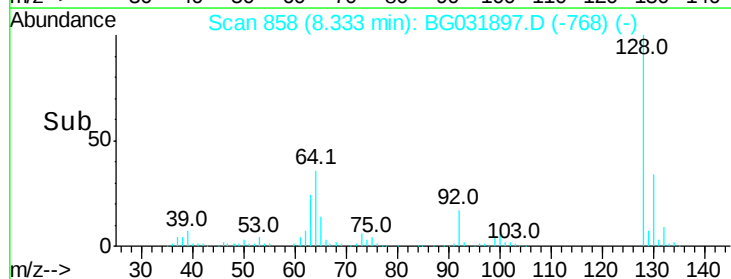
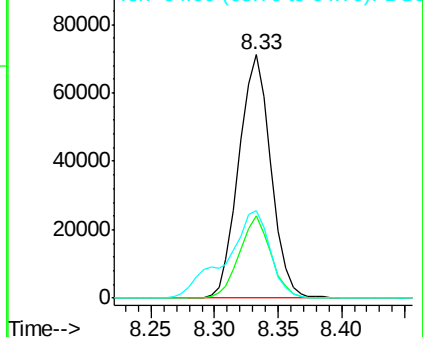
128 100

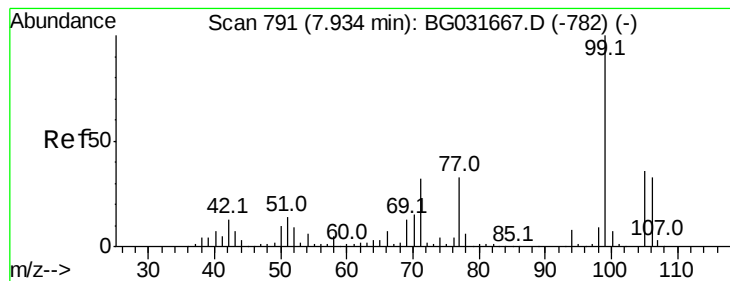
130 33.7 14.0 54.0

64 36.0 37.7 77.7#



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





#9

Benzaldehyde

Concen: 14.267 ng

RT: 7.89 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

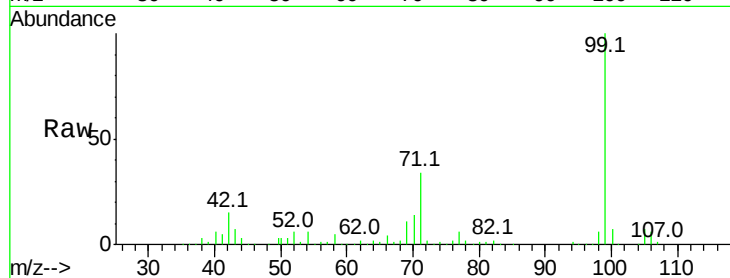
Tot Ion: 77 Resp: 28326

Ion Ratio Lower Upper

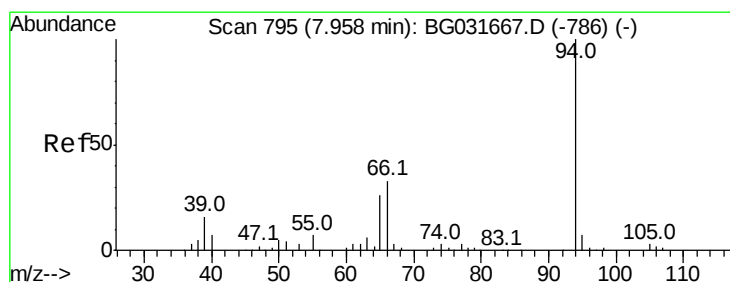
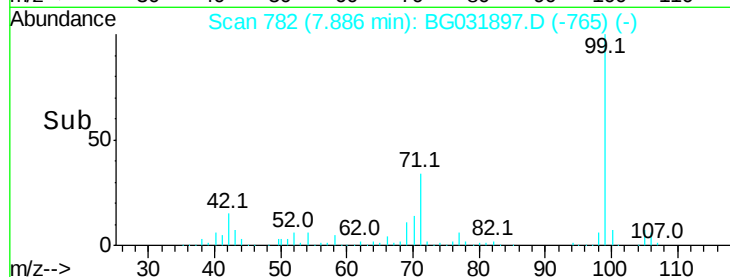
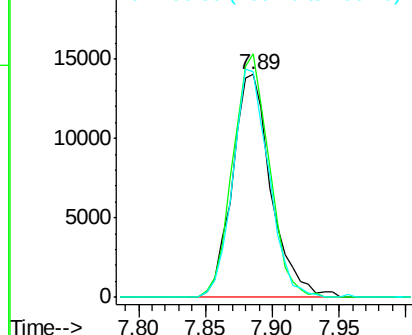
77 100

105 109.4 71.3 111.3

106 101.5 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.558 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

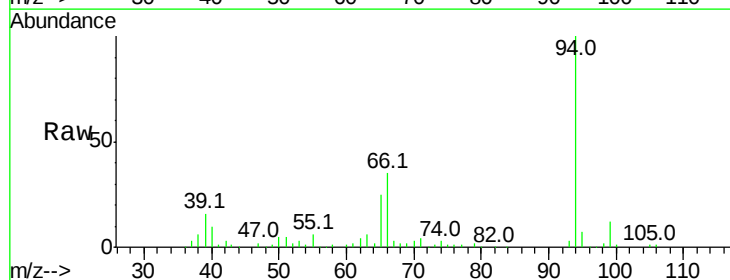
Tgt Ion: 94 Resp: 144997

Ion Ratio Lower Upper

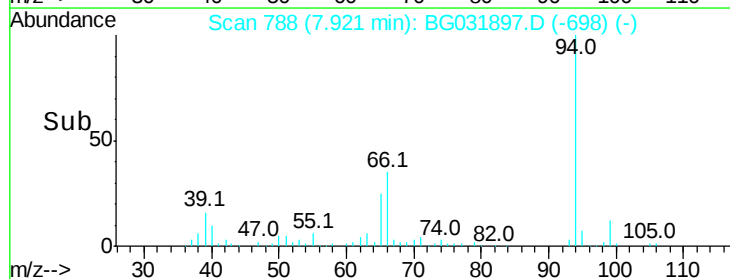
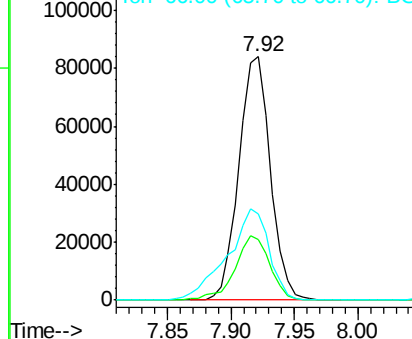
94 100

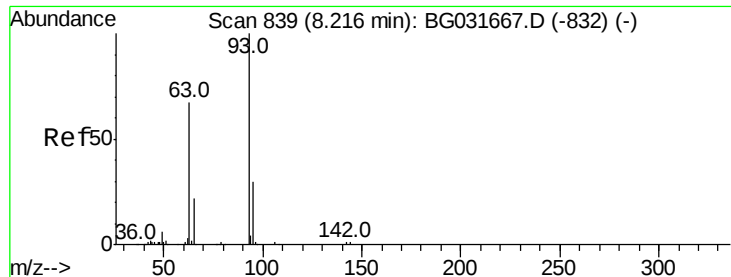
65 24.6 11.9 51.9

66 35.4 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 34.571 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

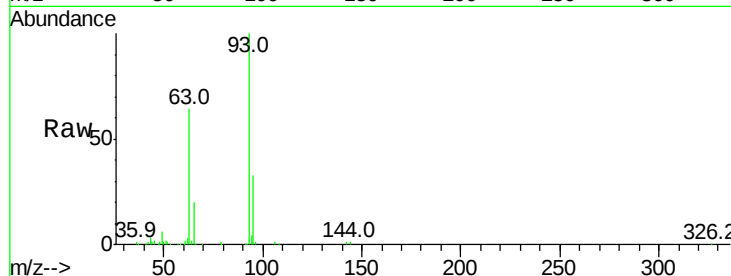
Tot Ion: 93 Resp: 95573

Ion Ratio Lower Upper

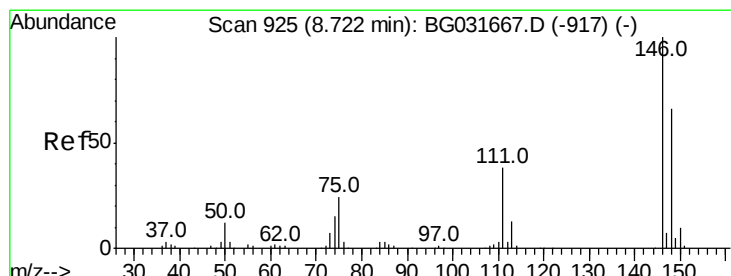
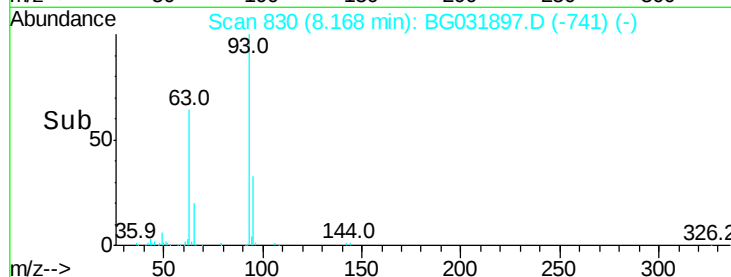
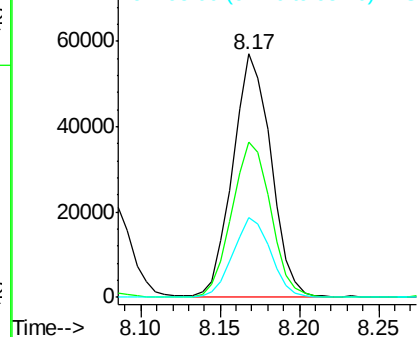
93 100

63 63.7 67.1 107.1#

95 33.0 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 35.867 ng

RT: 8.67 min Scan# 916

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

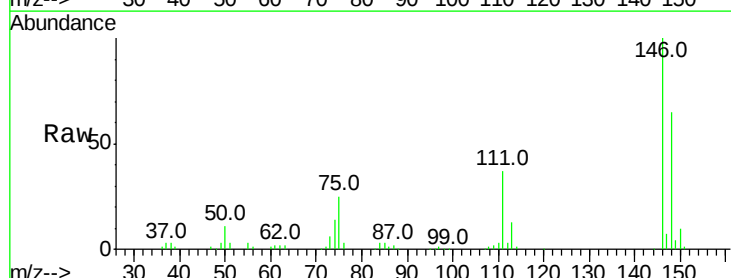
Tgt Ion: 146 Resp: 131210

Ion Ratio Lower Upper

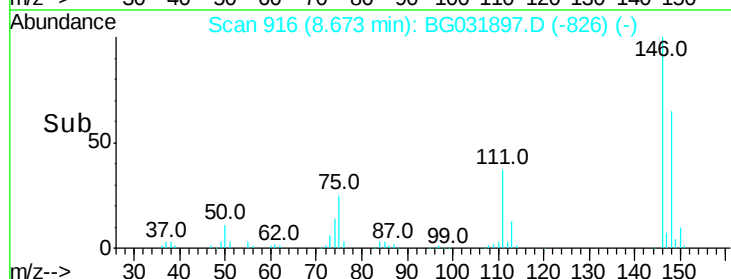
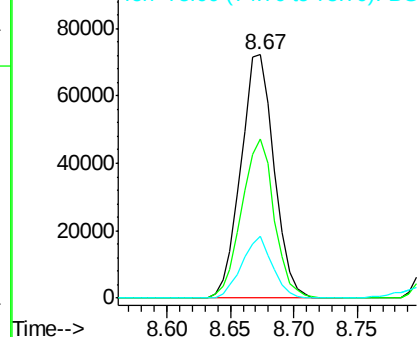
146 100

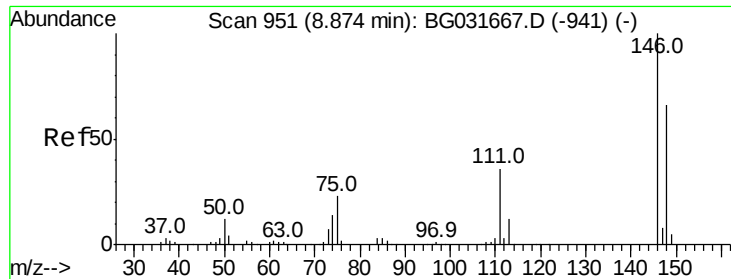
148 65.3 51.4 77.2

75 25.4 26.6 39.8#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

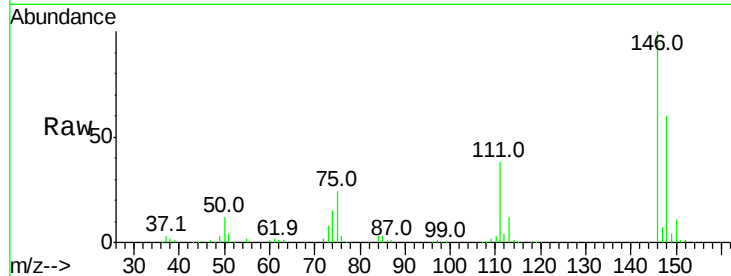




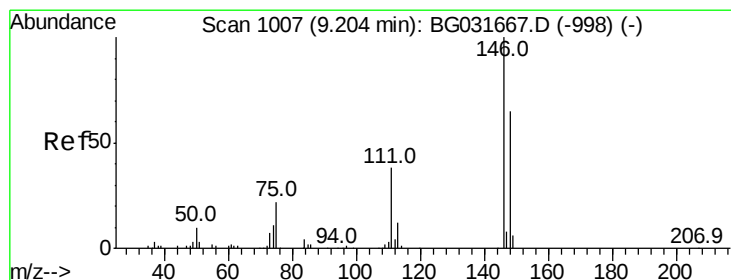
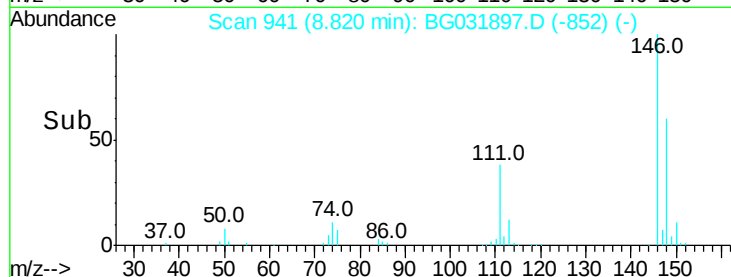
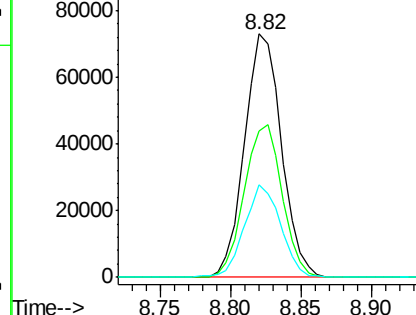
#13
 1,4-Dichlorobenzene
 Concen: 35.886 ng
 RT: 8.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 134102
 Ion Ratio Lower Upper
 146 100
 148 59.9 53.7 80.5
 111 37.9 35.2 52.8

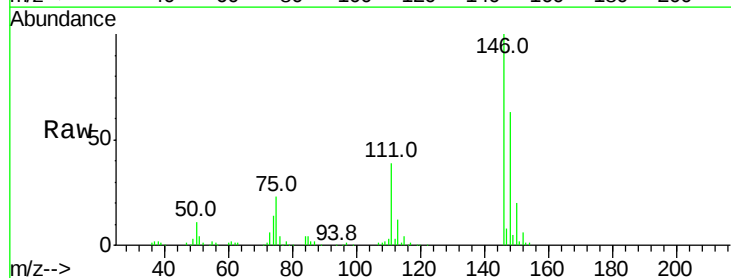


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

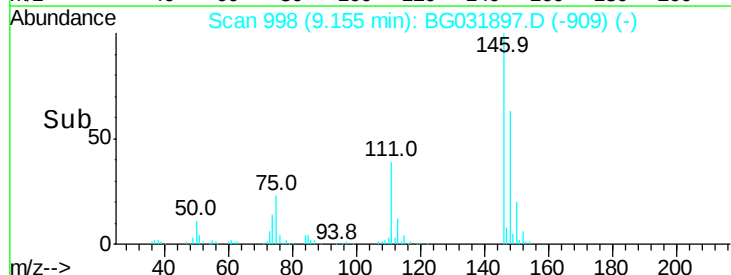
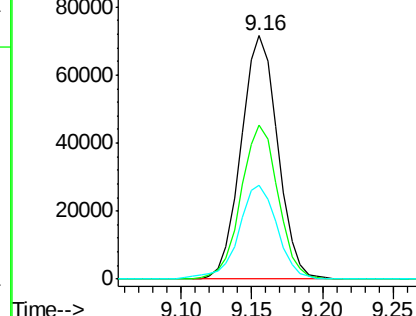


#14
 1,2-Dichlorobenzene
 Concen: 36.723 ng
 RT: 9.16 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Tgt Ion:146 Resp: 130033
 Ion Ratio Lower Upper
 146 100
 148 63.0 49.3 73.9
 111 38.6 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.407 ng

RT: 9.02 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

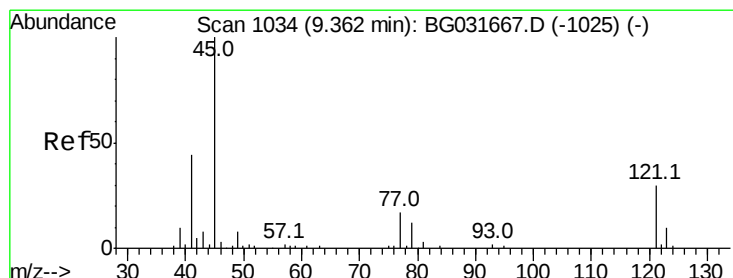
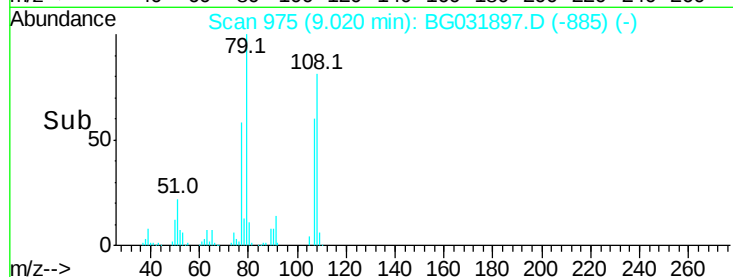
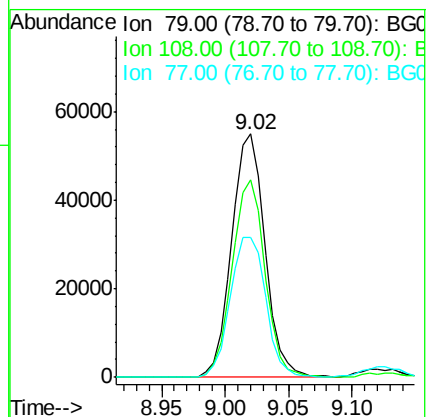
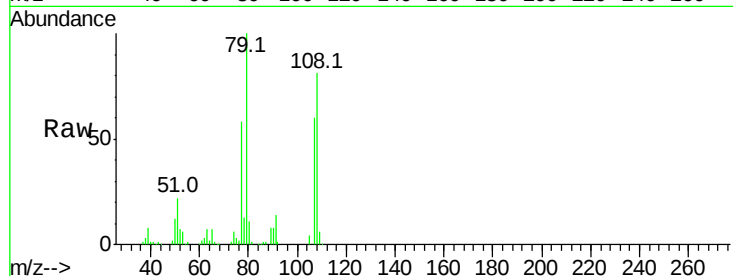
Tot Ion: 79 Resp: 100014

Ion Ratio Lower Upper

79 100

108 81.3 57.2 85.8

77 57.6 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.399 ng

RT: 9.31 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

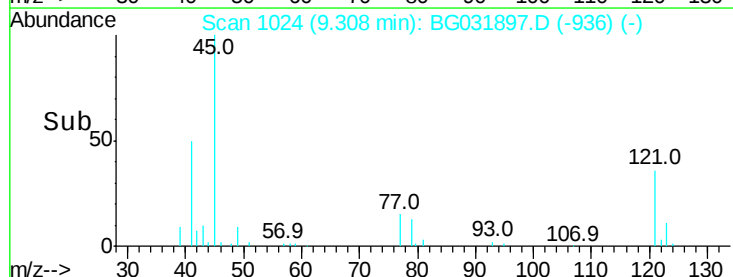
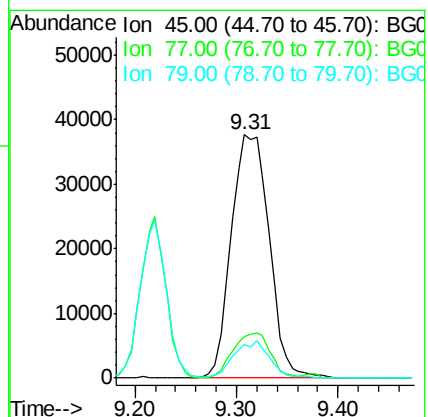
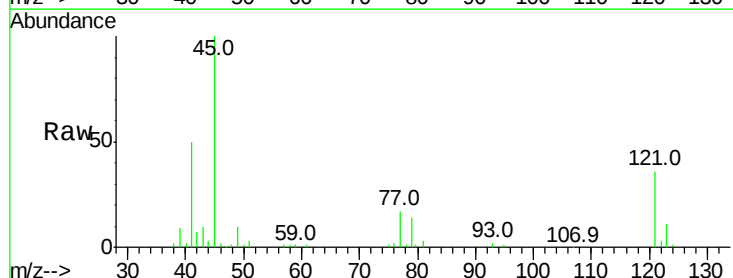
Tgt Ion: 45 Resp: 97707

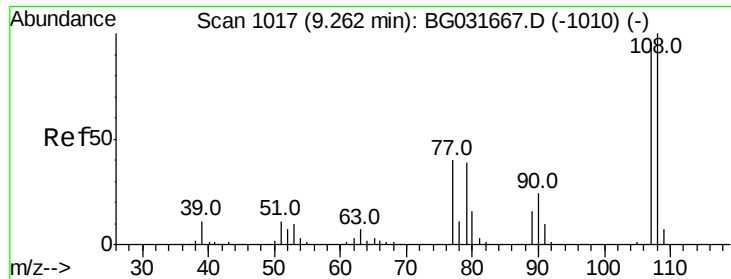
Ion Ratio Lower Upper

45 100

77 16.8 0.0 30.2

79 14.5 0.0 27.9

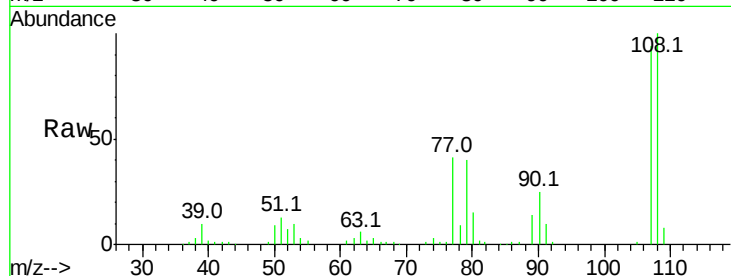




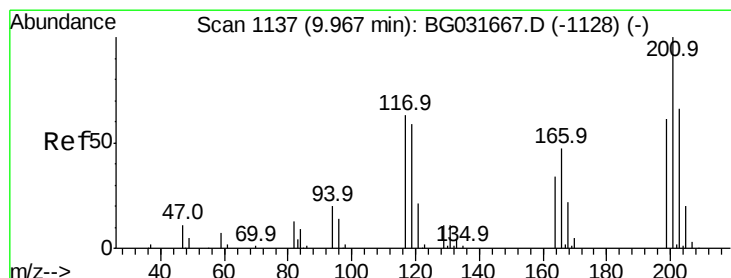
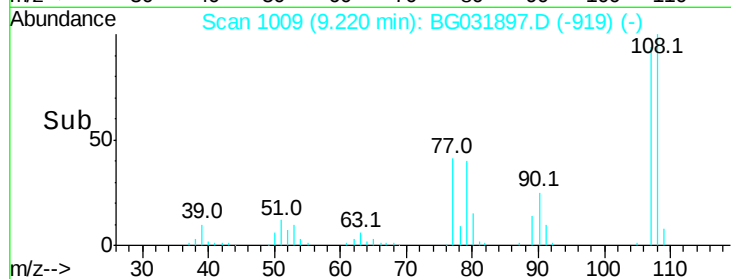
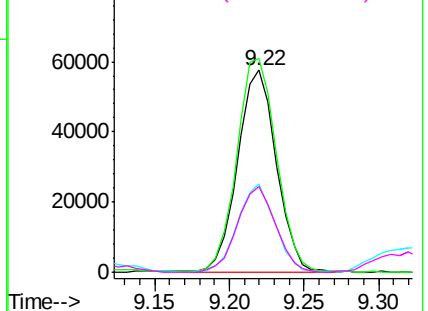
#17
2-Methylphenol
Concen: 43.415 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.9	83.9	125.9
77	43.7	37.2	55.8
79	42.6	36.2	54.2

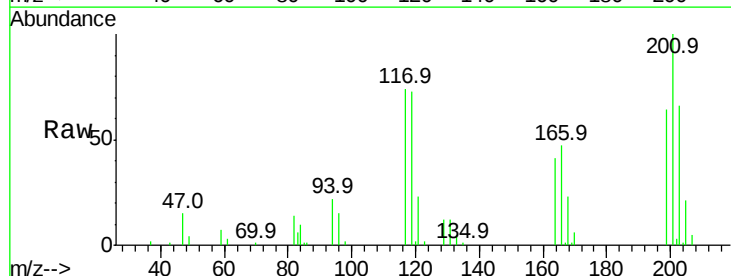


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

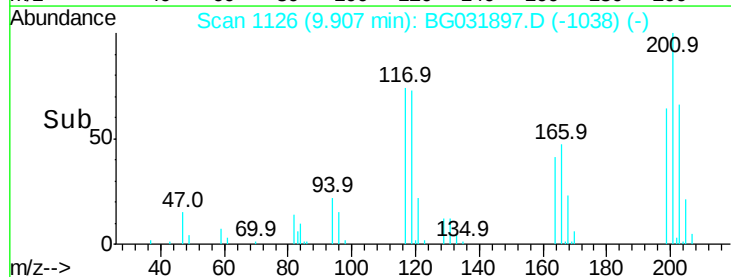
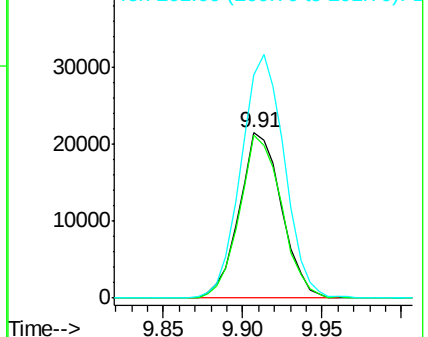


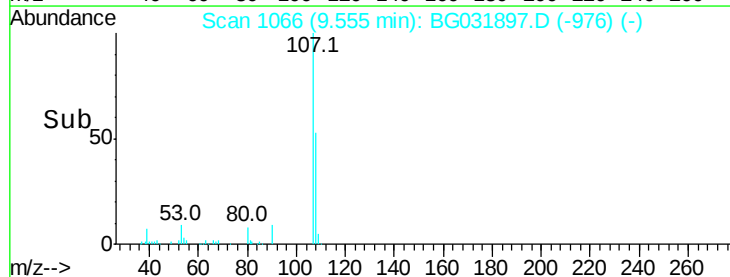
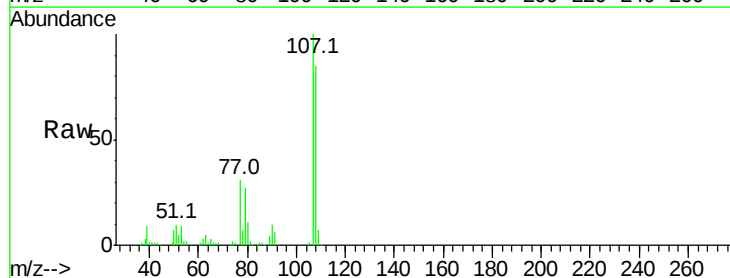
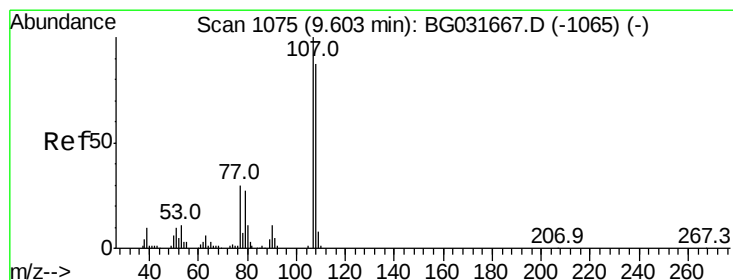
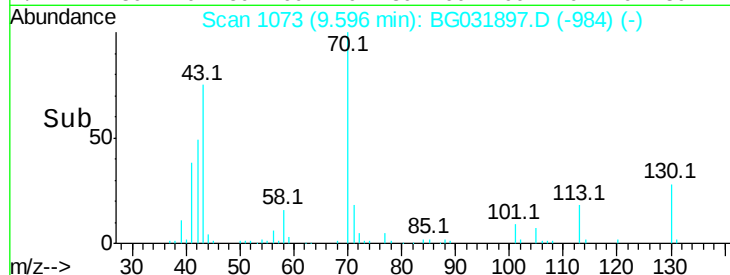
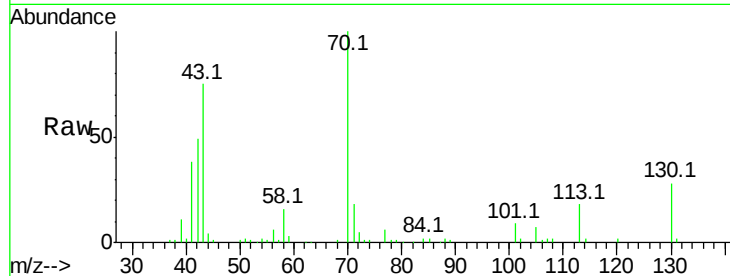
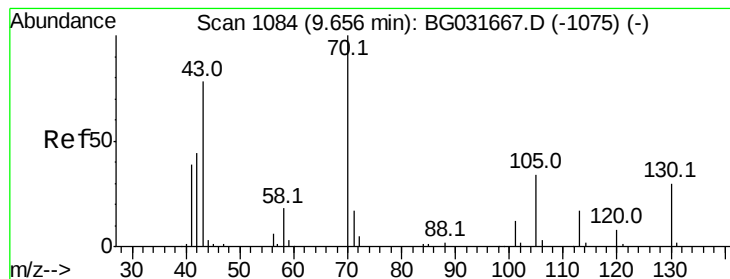
#18
Hexachloroethane
Concen: 35.283 ng
RT: 9.91 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.7	115.1
201	135.1	95.7	143.5



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: 34.142 ng

RT: 9.60 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 76879

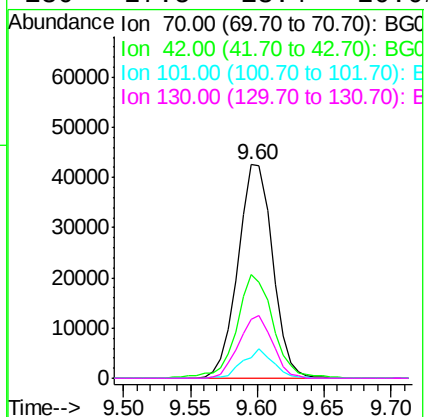
Ion Ratio Lower Upper

70 100

42 48.8 49.1 73.7#

101 9.3 8.5 12.7

130 27.5 13.4 20.0#



#20

3+4-Methylphenols

Concen: 42.128 ng

RT: 9.55 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Tgt Ion: 107 Resp: 142610

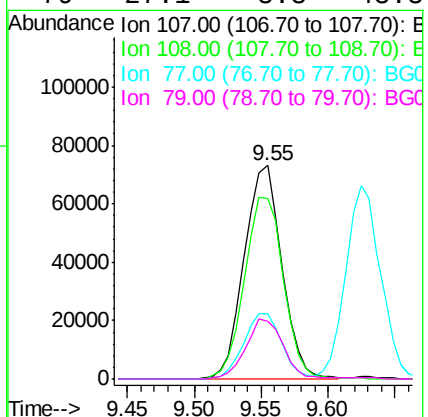
Ion Ratio Lower Upper

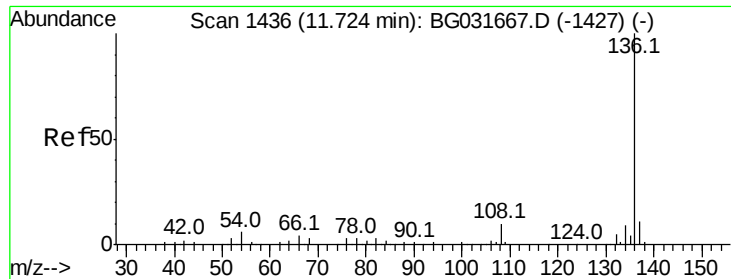
107 100

108 84.8 61.6 101.6

77 30.6 13.9 53.9

79 27.1 8.8 48.8

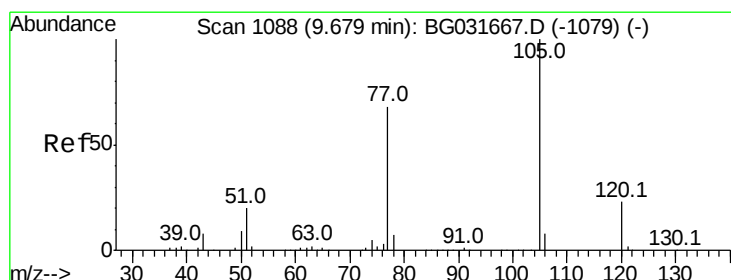
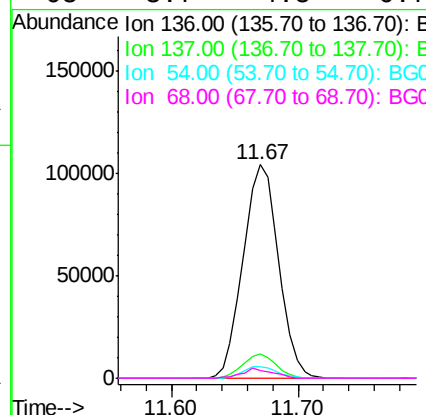
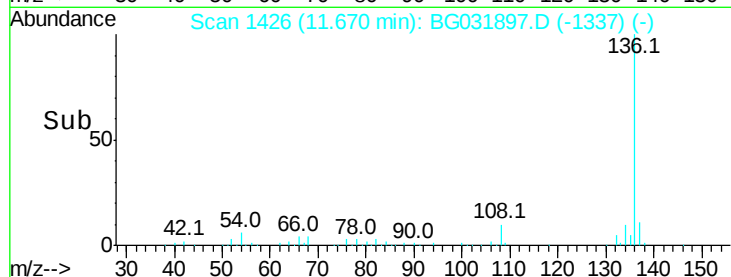
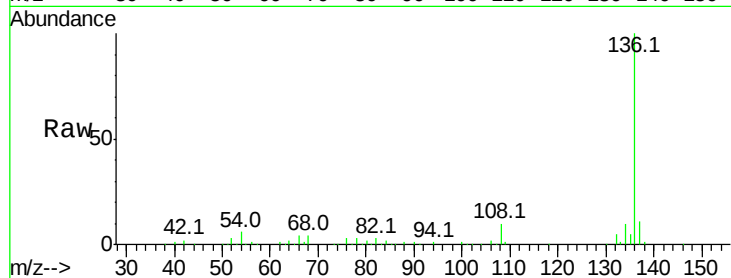




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

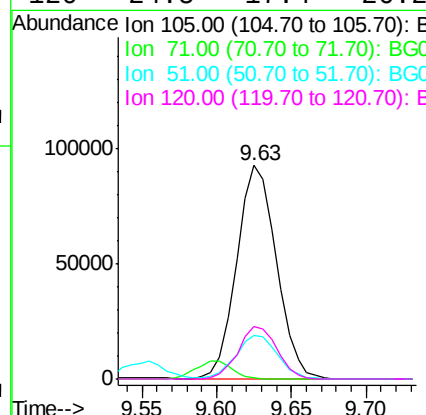
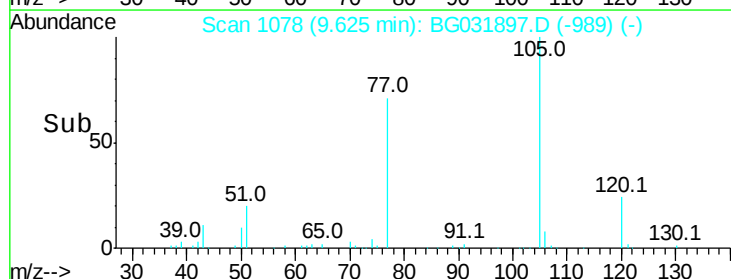
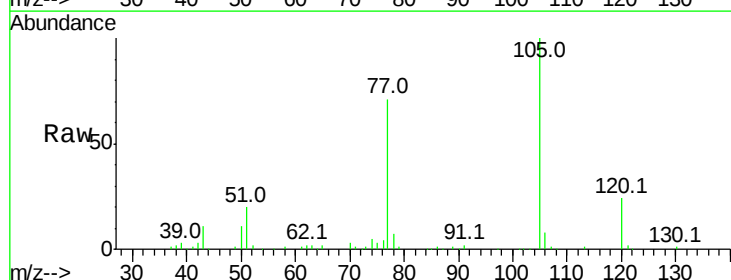
Instrument :
BNA_G
ClientSampleId :

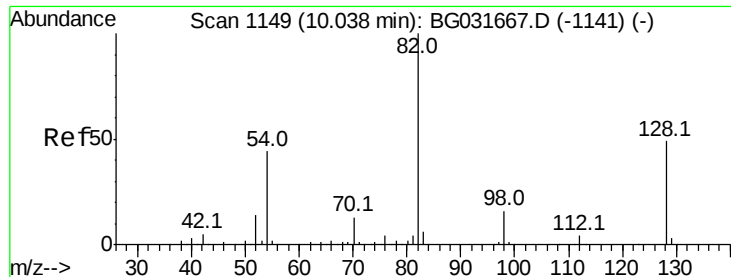
Tot Ion:136	Resp:	202670
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.2 13.8
54	5.6	10.3 15.5#
68	3.7	4.5 6.7#



#22
Acetophenone
Concen: 36.378 ng
RT: 9.63 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

Tgt Ion:105	Resp:	171292
Ion	Ratio	Lower Upper
105	100	
71	0.6	3.0 4.4#
51	20.2	26.1 39.1#
120	24.5	17.4 26.2

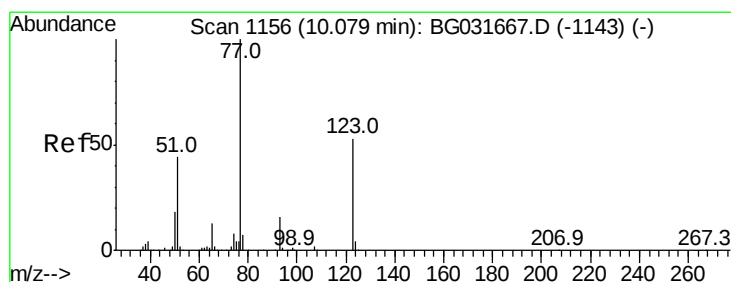
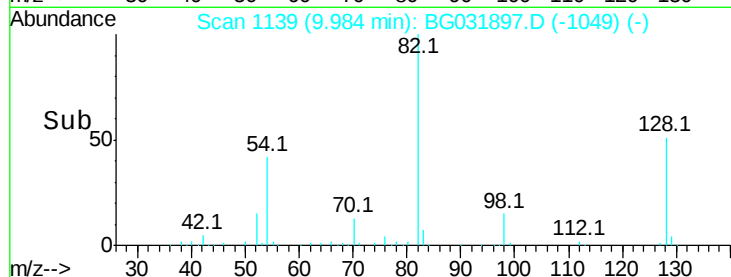
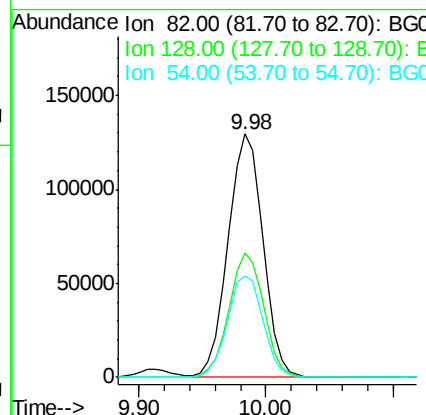
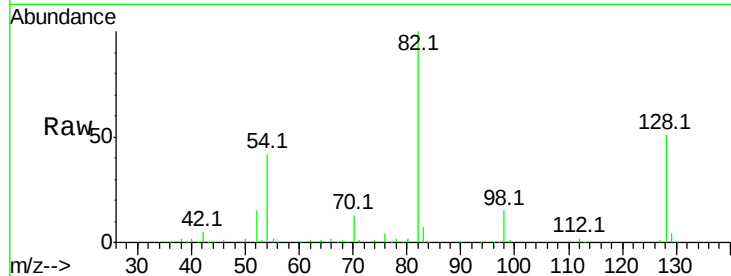




#23
 Nitrobenzene-d5
 Concen: 91.922 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

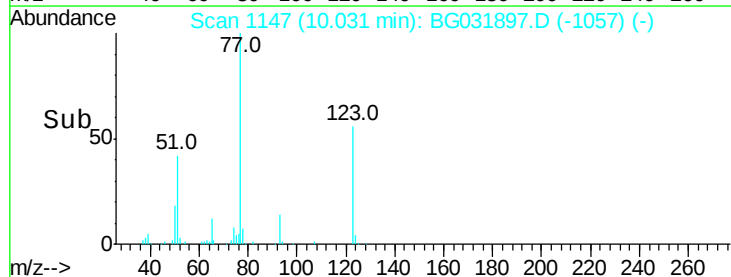
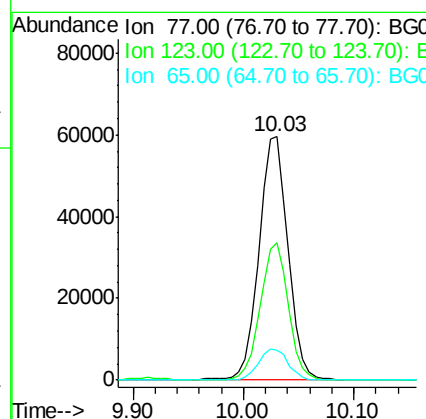
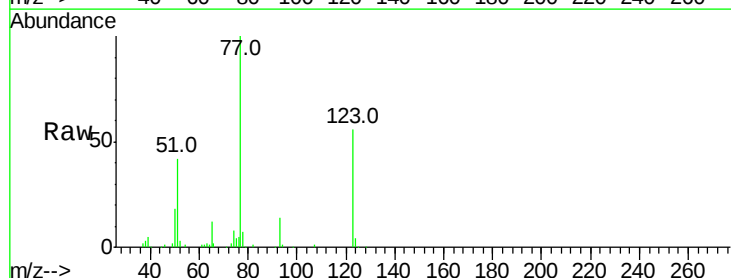
Instrument :
 BNA_G
 ClientSampleId :

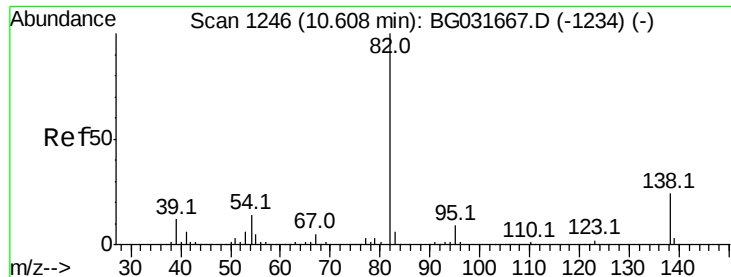
Tot Ion: 82 Resp: 246713
 Ion Ratio Lower Upper
 82 100
 128 51.1 29.7 44.5#
 54 41.7 43.1 64.7#



#24
 Nitrobenzene
 Concen: 39.751 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Tgt Ion: 77 Resp: 109959
 Ion Ratio Lower Upper
 77 100
 123 56.3 33.0 49.6#
 65 12.0 13.0 19.6#





#25

Isophorone

Concen: 38.267 ng

RT: 10.55 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

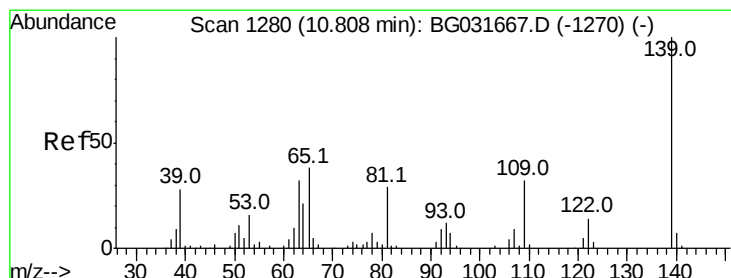
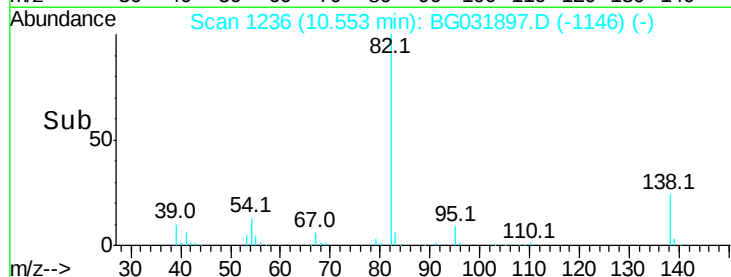
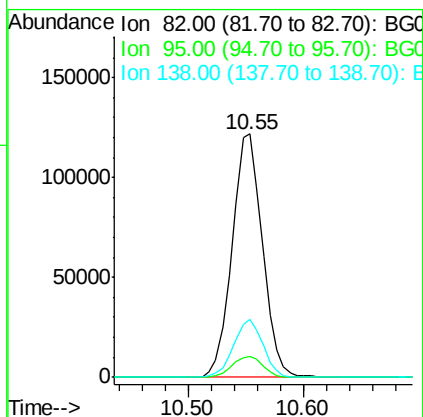
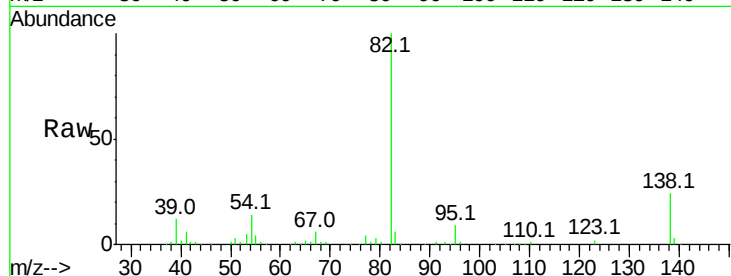
Tot Ion: 82 Resp: 221100

Ion Ratio Lower Upper

82 100

95 8.7 6.2 9.2

138 23.8 12.1 18.1#



#26

2-Nitrophenol

Concen: 49.933 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

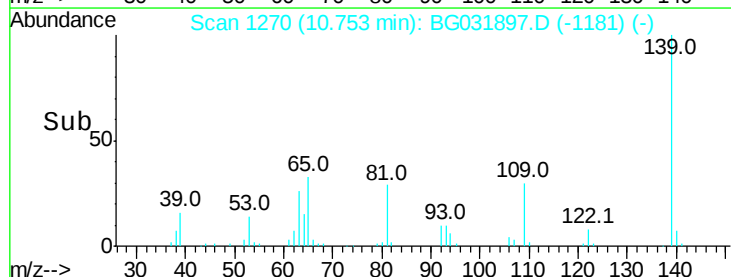
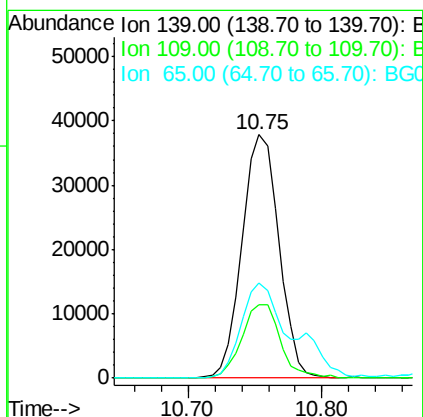
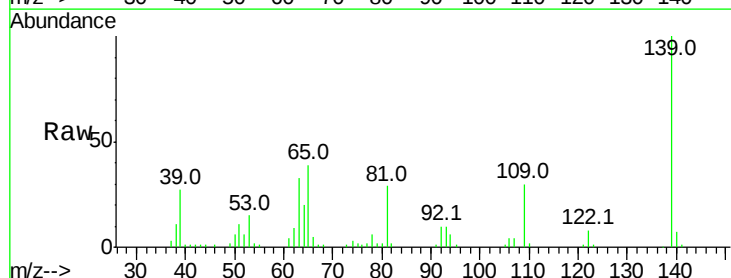
Tgt Ion:139 Resp: 72420

Ion Ratio Lower Upper

139 100

109 29.9 24.2 36.2

65 39.3 47.4 71.0#

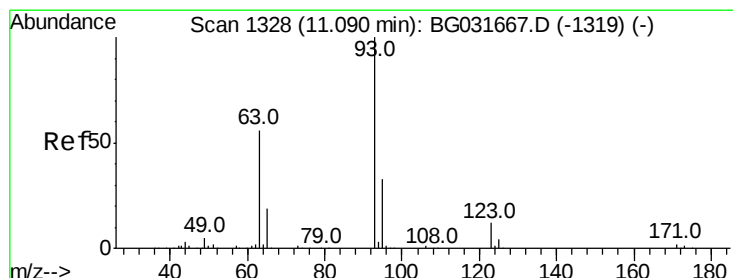
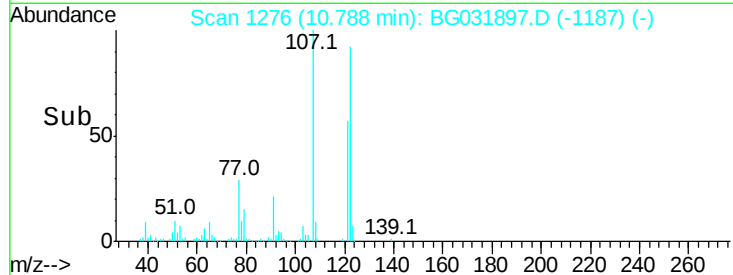
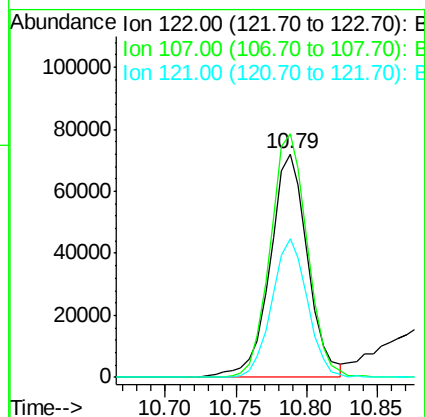
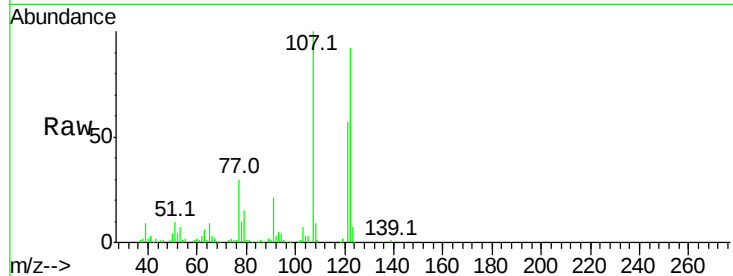




#27
 2,4-Dimethylphenol
 Concen: 43.883 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

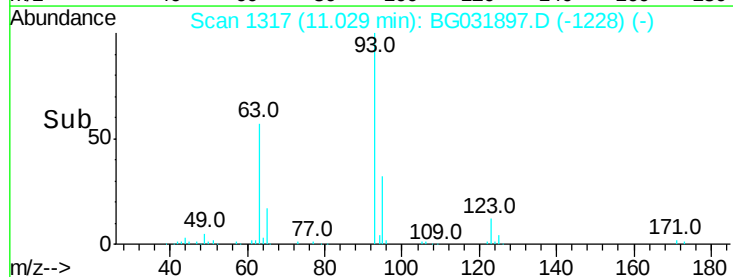
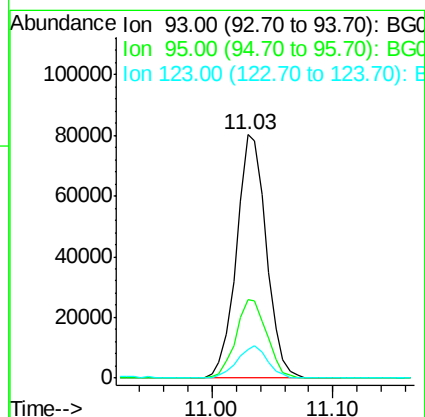
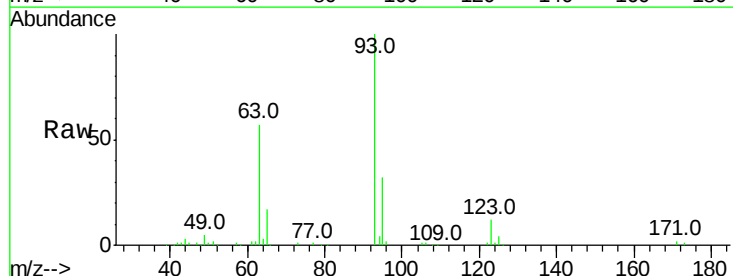
Instrument :
 BNA_G
 ClientSampled :

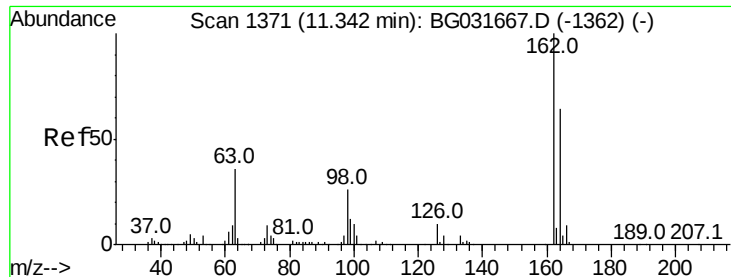
Tot Ion:122 Resp: 133928
 Ion Ratio Lower Upper
 122 100
 107 109.0 100.2 150.2
 121 62.0 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.588 ng
 RT: 11.03 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Tgt Ion: 93 Resp: 137969
 Ion Ratio Lower Upper
 93 100
 95 32.5 24.3 36.5
 123 11.8 8.4 12.6

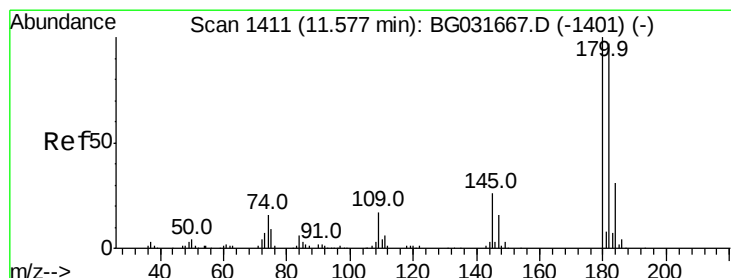
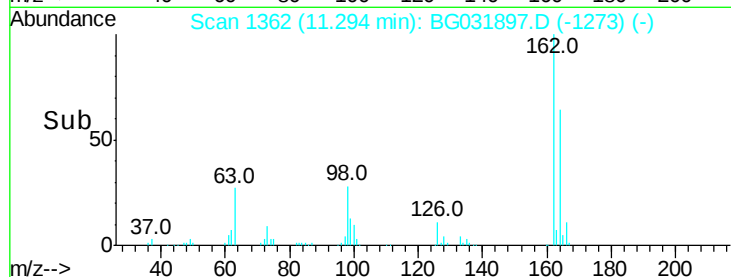
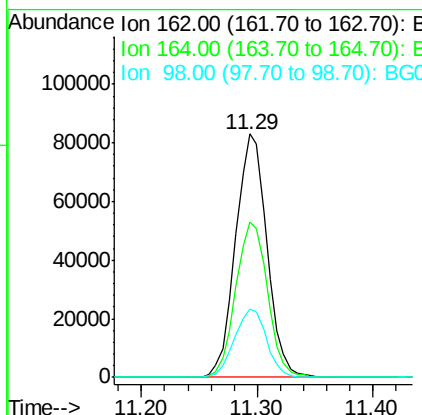
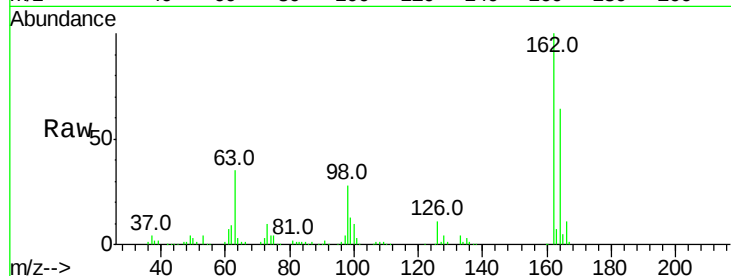




#29
 2,4-Dichlorophenol
 Concen: 43.585 ng
 RT: 11.29 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

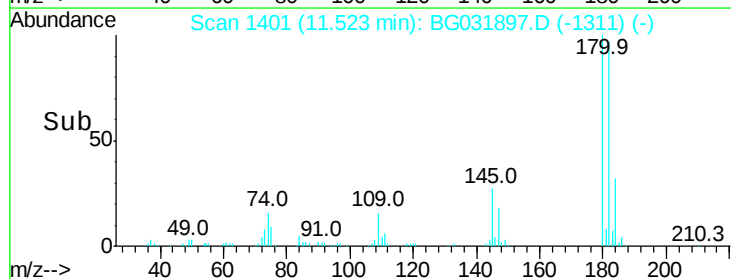
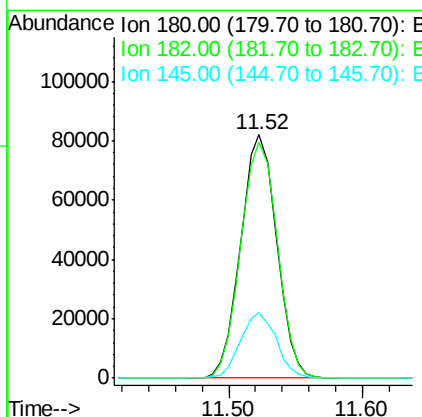
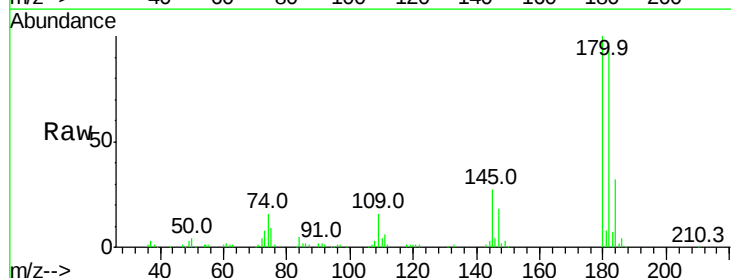
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	48.0	88.0
98	28.1	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.060 ng
 RT: 11.52 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.5	116.3
145	27.2	23.4	35.2

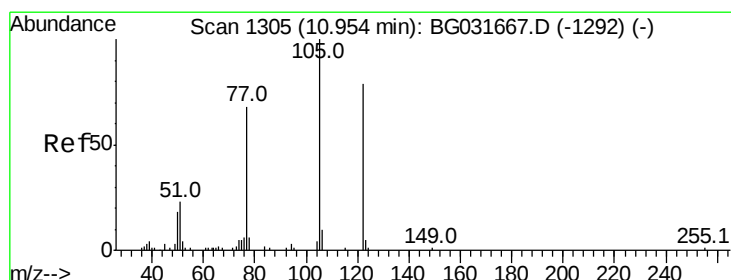
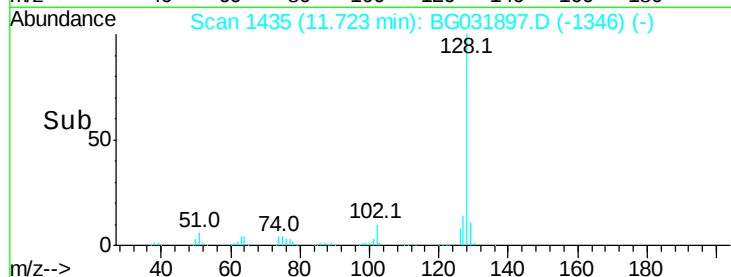
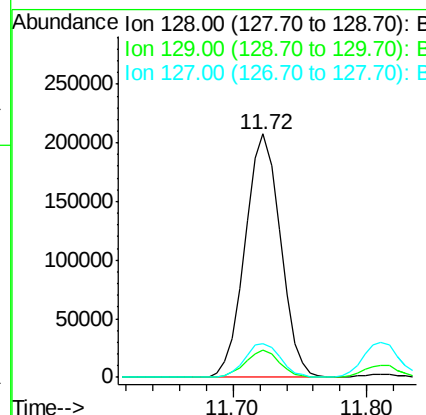
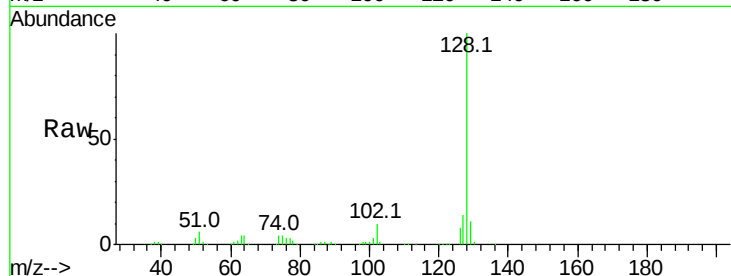




#31
Naphthalene
Concen: 37.226 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

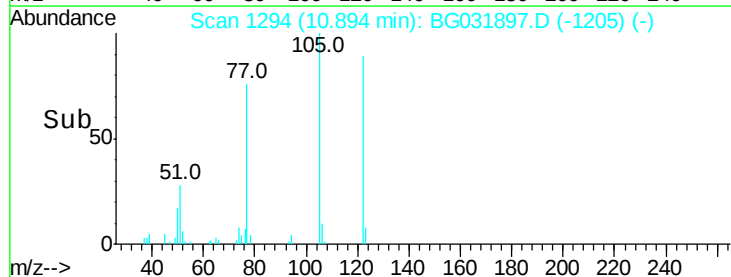
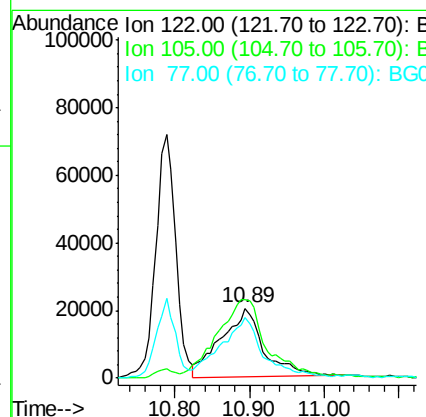
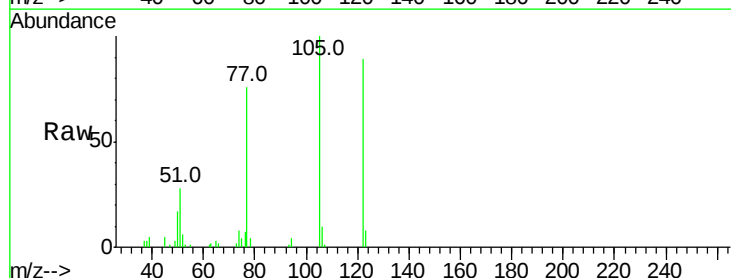
Instrument :
BNA_G
ClientSampleId :

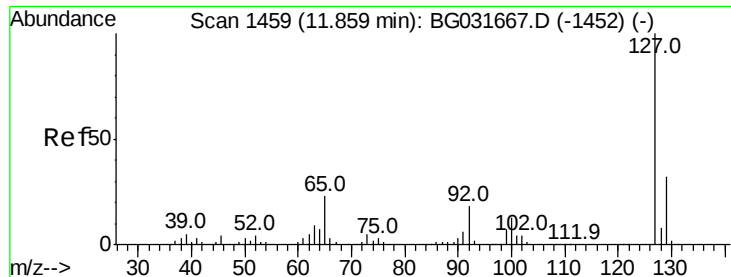
Tot Ion:128 Resp: 380757
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 14.1 11.6 17.4



#32
Benzoic acid
Concen: 39.822 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

Tgt Ion:122 Resp: 80120
Ion Ratio Lower Upper
122 100
105 112.9 123.5 163.5#
77 86.1 85.7 125.7

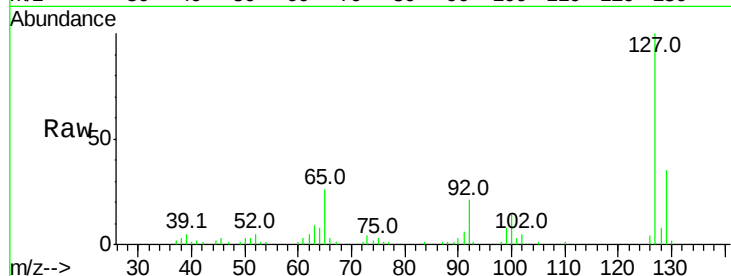




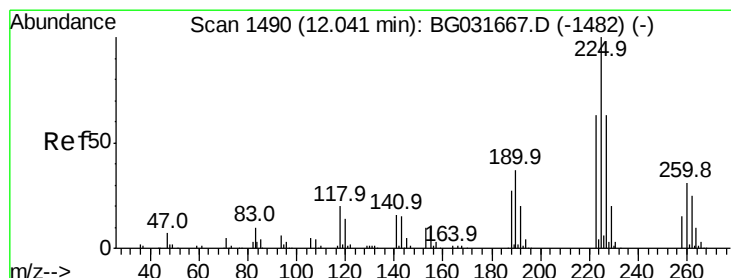
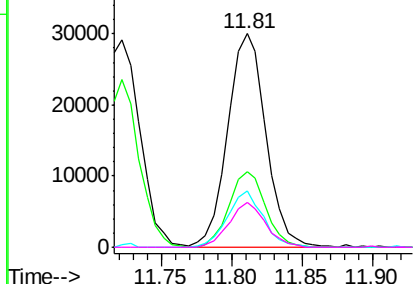
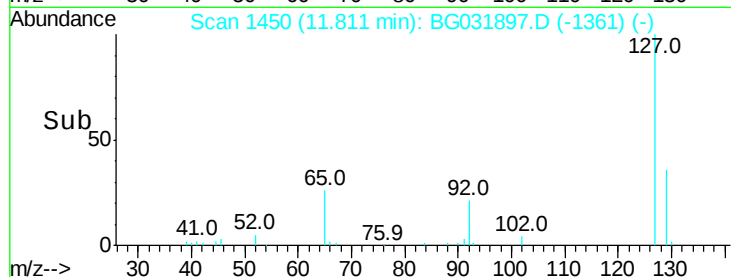
#33
4-Chloroaniline
Concen: 12.417 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:127 Resp: 56546
Ion Ratio Lower Upper
127 100
129 35.4 24.0 36.0
65 26.4 27.0 40.4#
92 20.9 16.6 25.0

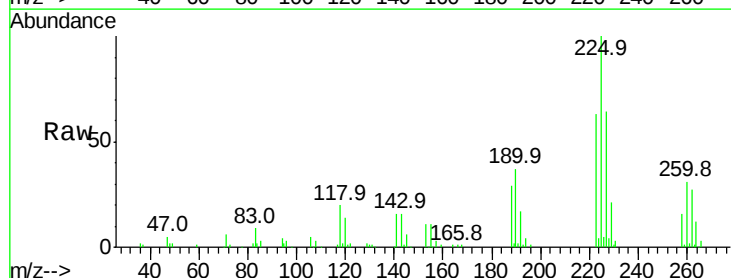


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

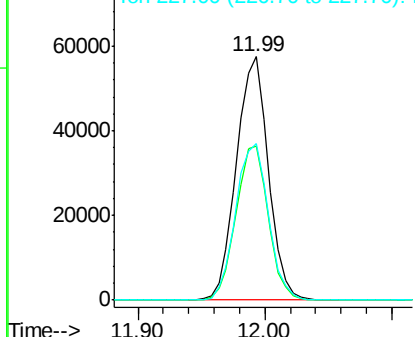
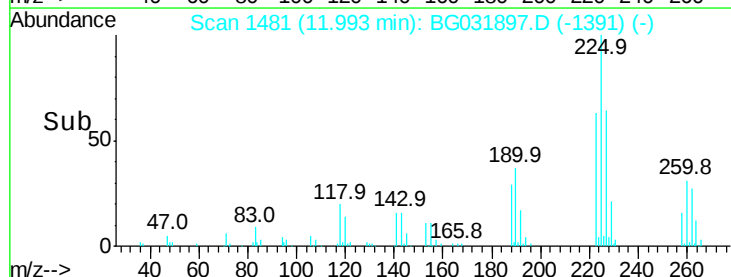


#34
Hexachlorobutadiene
Concen: 33.483 ng
RT: 11.99 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

Tgt Ion:225 Resp: 100560
Ion Ratio Lower Upper
225 100
223 63.5 49.7 74.5
227 64.5 48.1 72.1



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: 48.342 ng

RT: 12.56 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

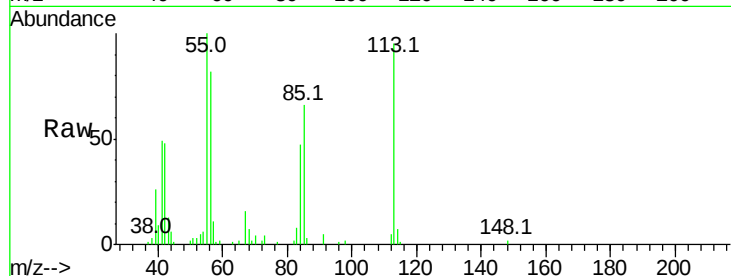
Tot Ion:113 Resp: 52501

Ion Ratio Lower Upper

113 100

55 105.2 186.9 226.9#

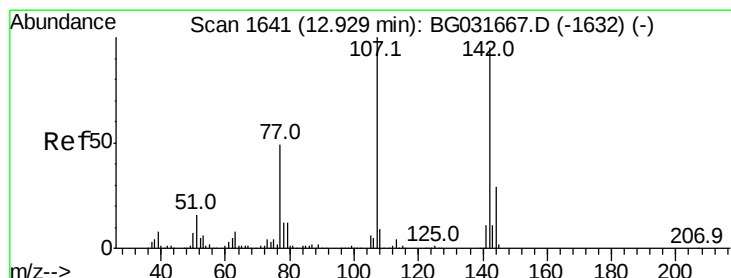
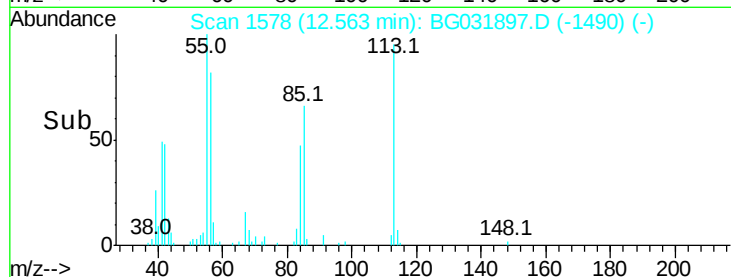
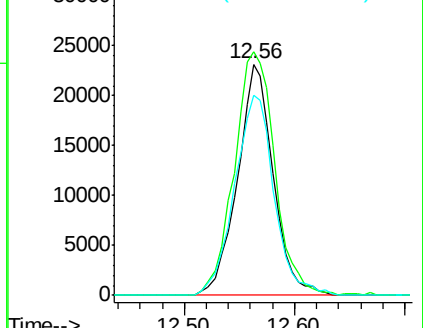
56 86.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG031897.D (-1577) (-)

Ion 56.00 (55.70 to 56.70): BG031897.D (-1577) (-)



#36

4-Chloro-3-methylphenol

Concen: 44.481 ng

RT: 12.89 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

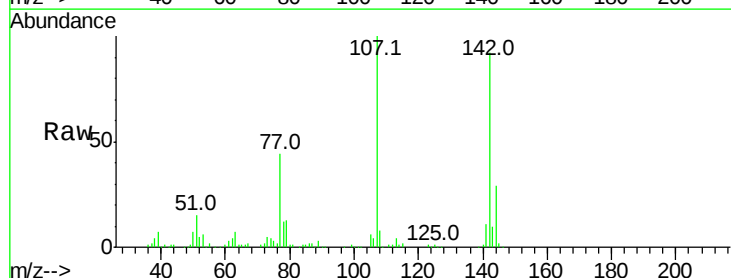
Tgt Ion:107 Resp: 147187

Ion Ratio Lower Upper

107 100

144 28.7 18.2 27.4#

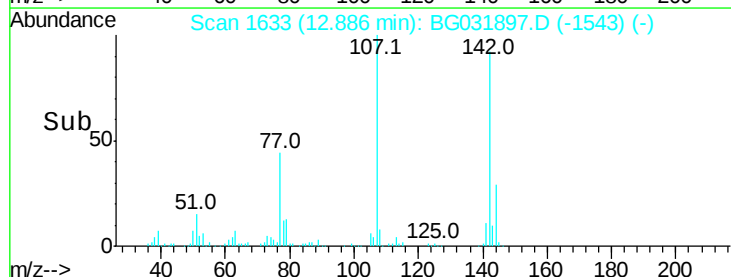
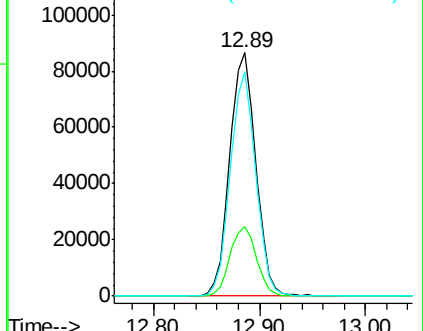
142 92.2 59.0 88.4#

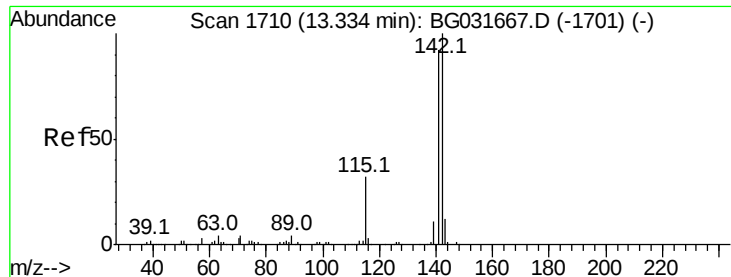


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

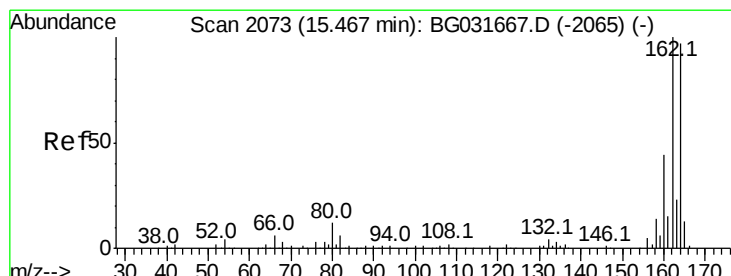
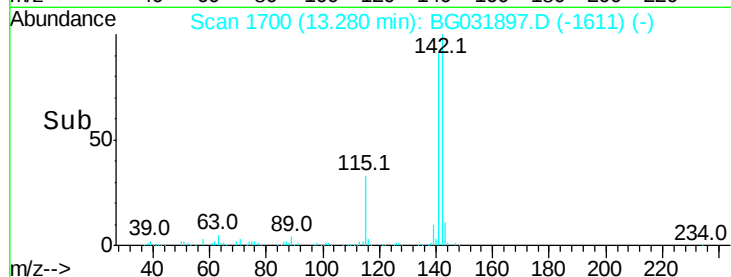
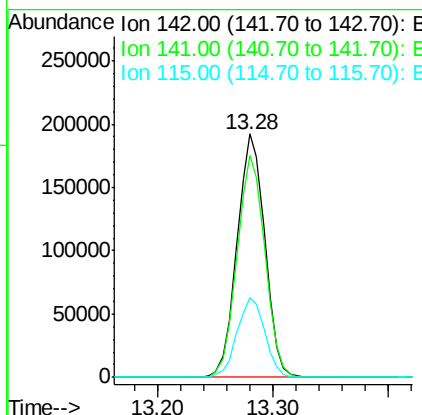
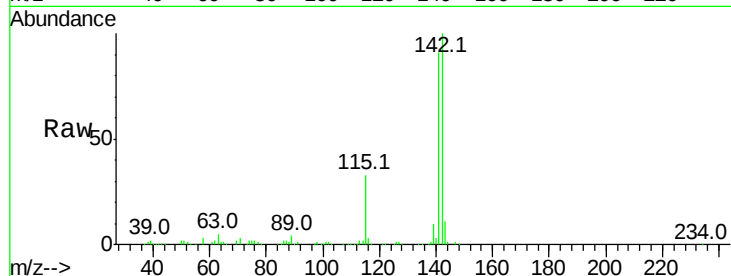




#37
2-Methylnaphthalene
Concen: 38.577 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

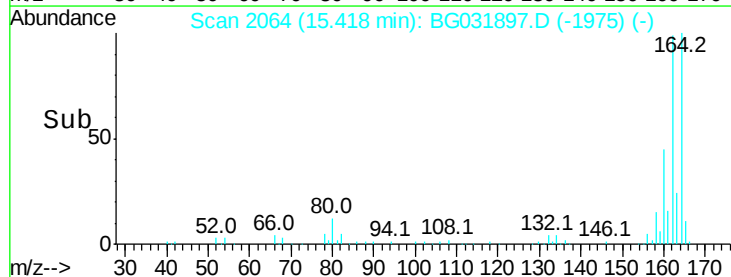
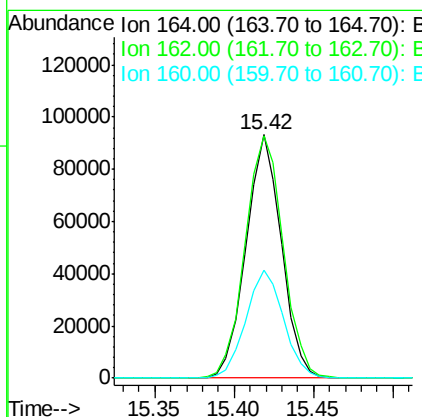
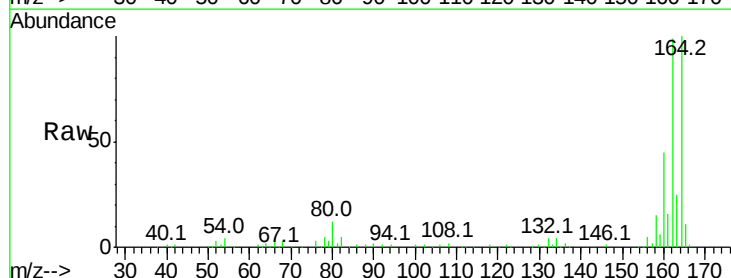
Instrument :
BNA_G
ClientSampled :

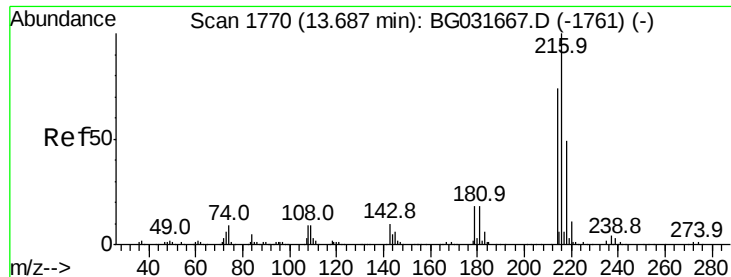
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	67.1	100.7
115	32.7	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.8	118.2
160	44.5	35.4	53.0

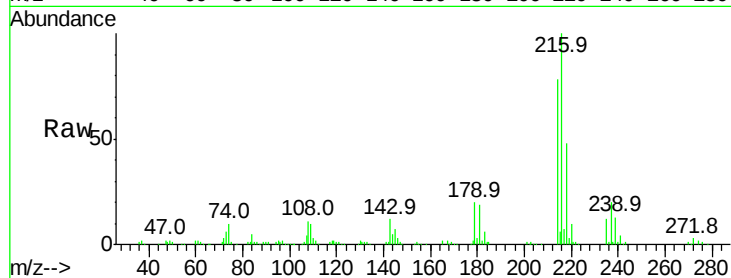




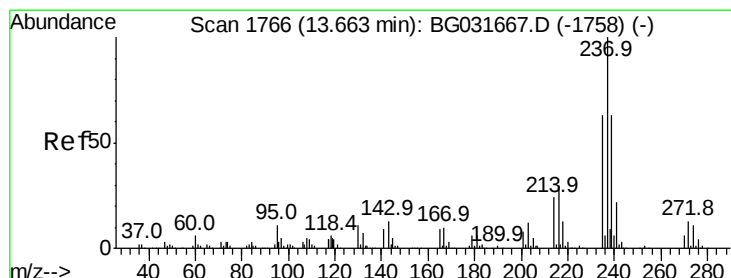
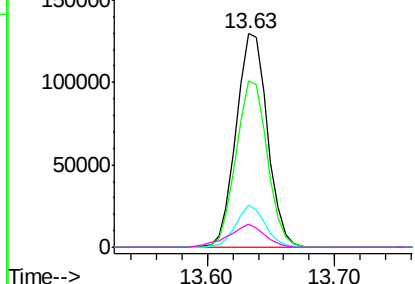
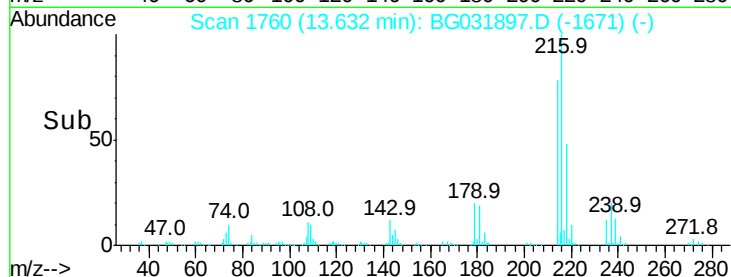
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.364 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	220760
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.4
179	18.5	17.0	25.6
108	12.2	12.8	19.2#

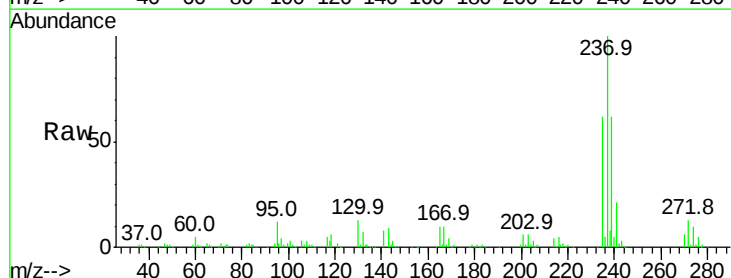


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

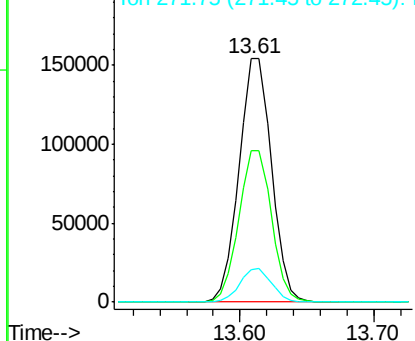
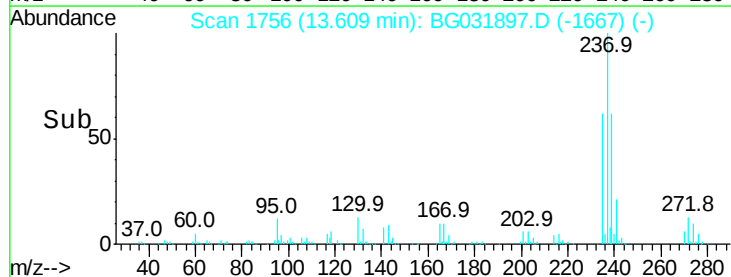


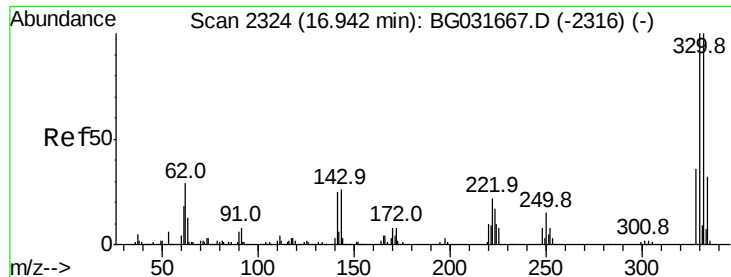
#40
 Hexachlorocyclopentadiene
 Concen: 80.999 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Tgt Ion:	237	Resp:	259409
Ion	Ratio	Lower	Upper
237	100		
235	62.0	50.4	90.4
272	13.3	0.0	31.8



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

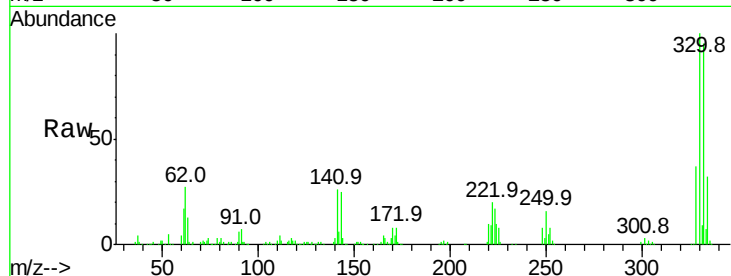




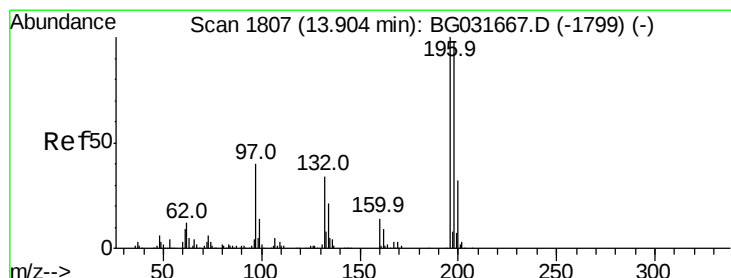
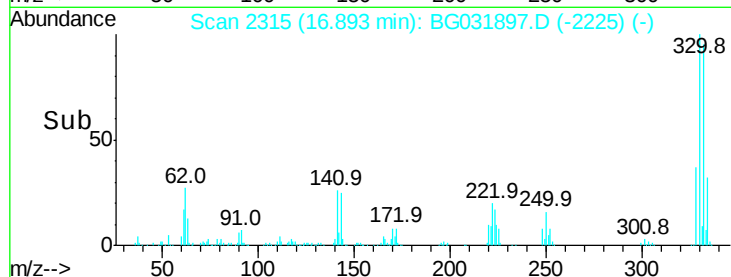
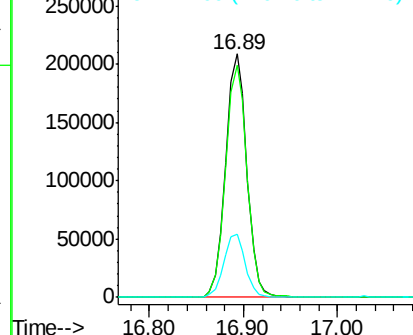
#41
 2,4,6-Tribromophenol
 Concen: 149.038 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	26.4	25.2	37.8

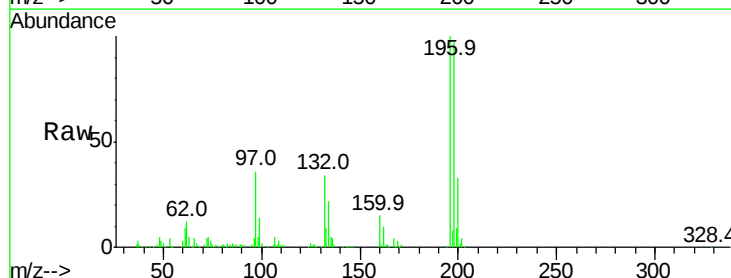


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

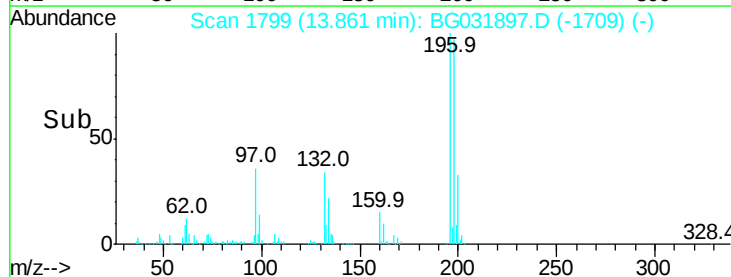
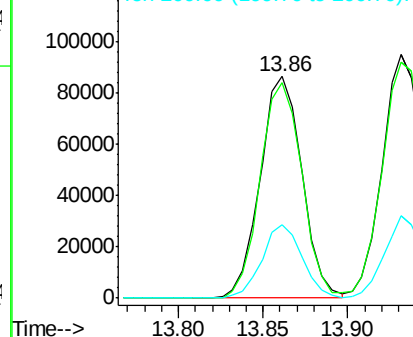


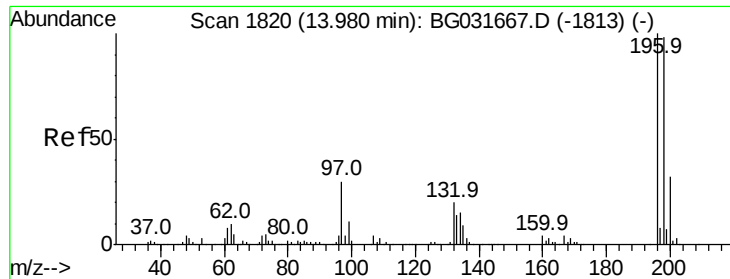
#42
 2,4,6-Trichlorophenol
 Concen: 42.545 ng
 RT: 13.86 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	78.2	117.2
200	32.9	24.6	36.8



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

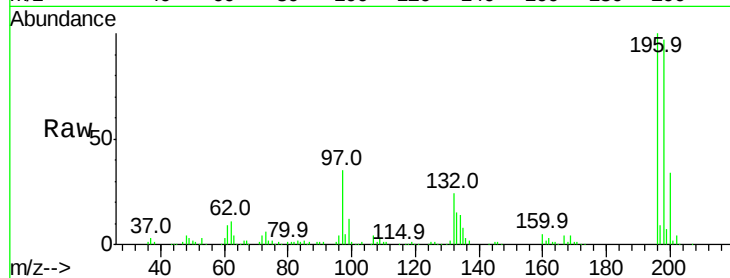




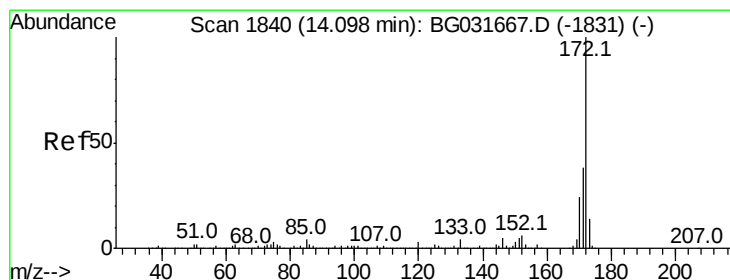
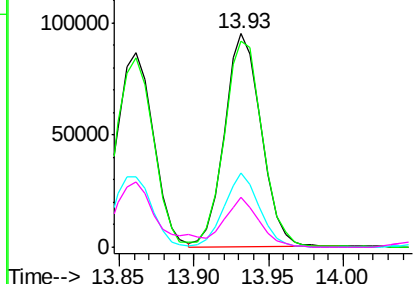
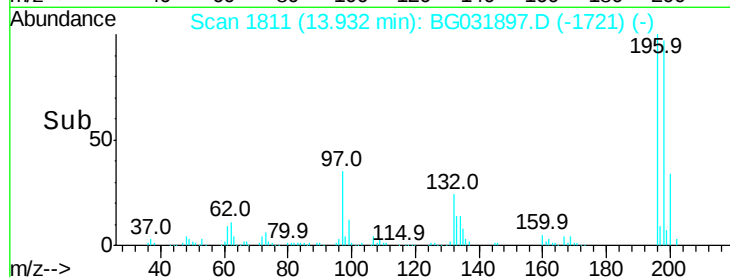
#43
 2,4,5-Trichlorophenol
 Concen: 42.133 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.4
97	34.6	38.7	58.1
132	23.5	20.2	30.2

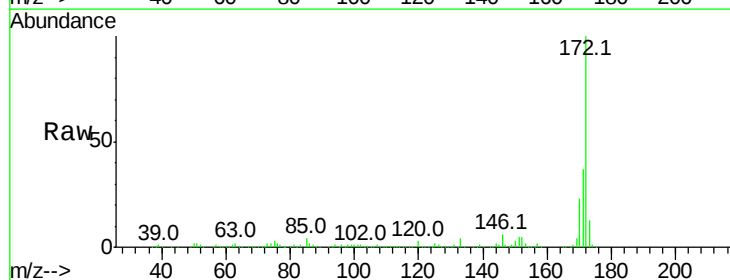


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

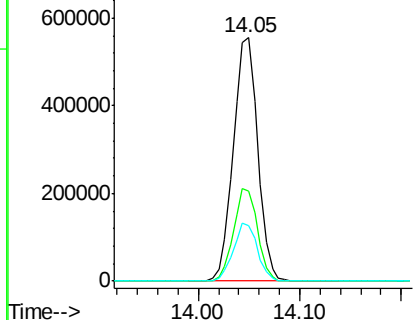
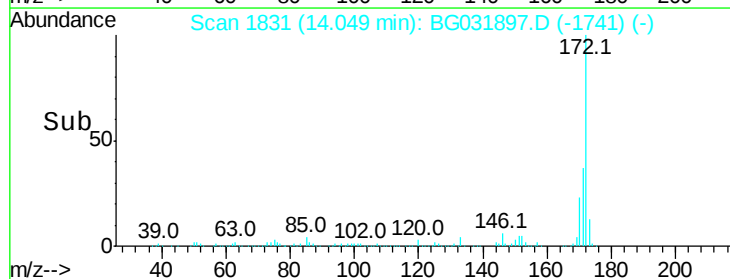


#44
 2-Fluorobiphenyl
 Concen: 80.774 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	22.9	19.5	29.3



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





#45

1,1'-Biphenyl

Concen: 38.511 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

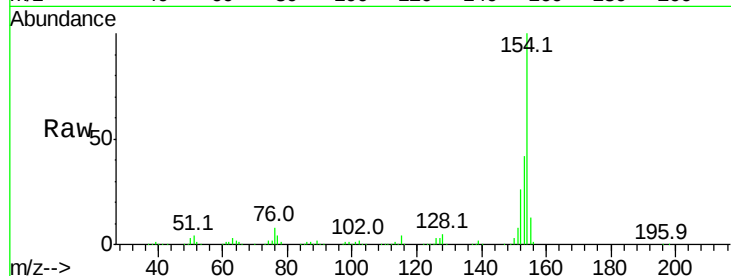
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 474069

Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.8	59.8
76	8.0	0.0	31.9

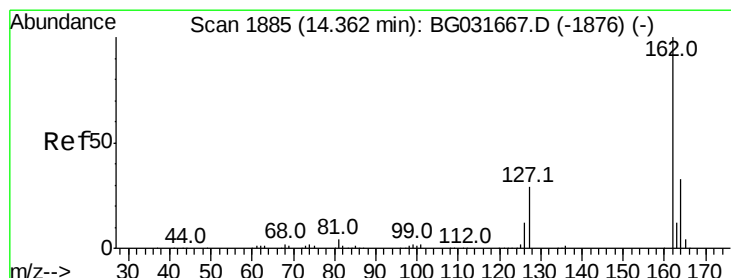
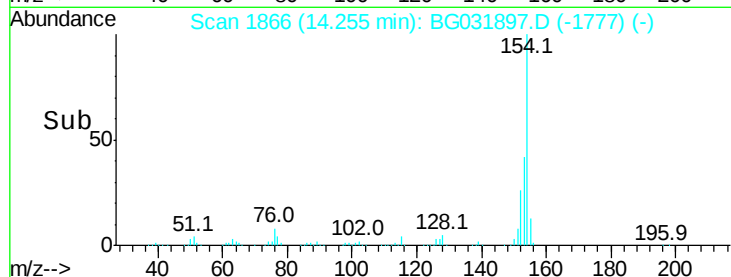
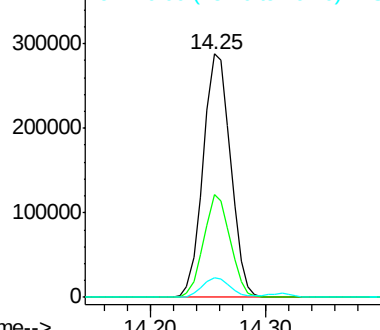


Abundance

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): B



#46

2-Chloronaphthalene

Concen: 37.927 ng

RT: 14.31 min Scan# 1876

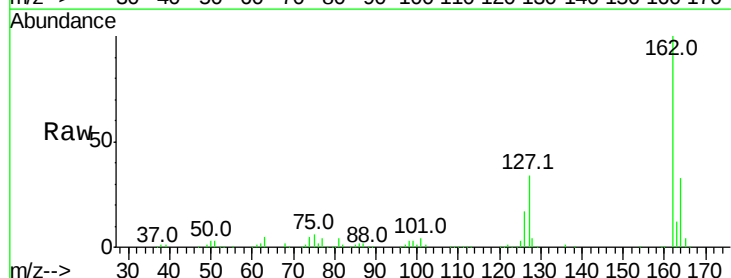
Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Tgt Ion:162 Resp: 356112

Ion	Ratio	Lower	Upper
162	100		
127	34.3	30.7	46.1
164	33.2	26.0	39.0

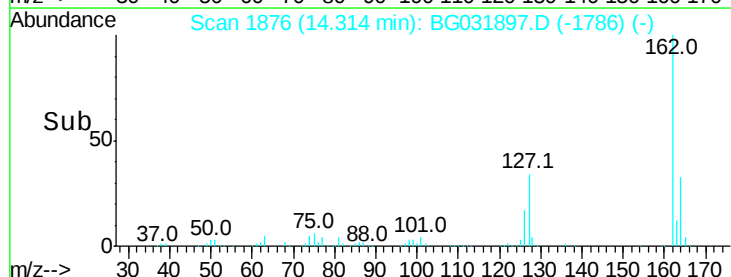
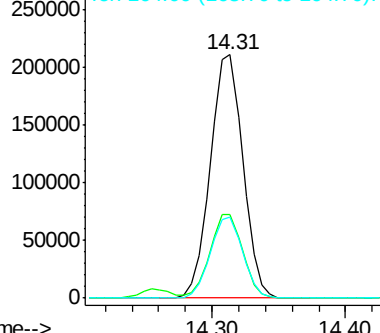


Abundance

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: 49.904 ng

RT: 14.50 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

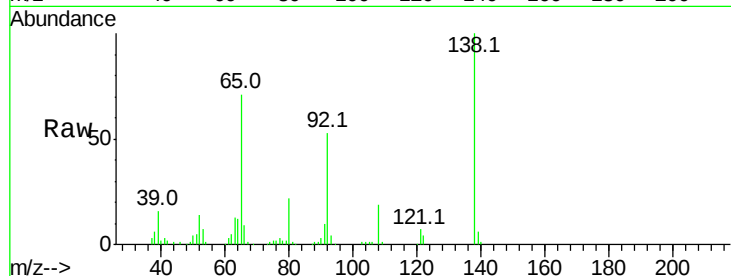
Tot Ion: 65 Resp: 80927

Ion Ratio Lower Upper

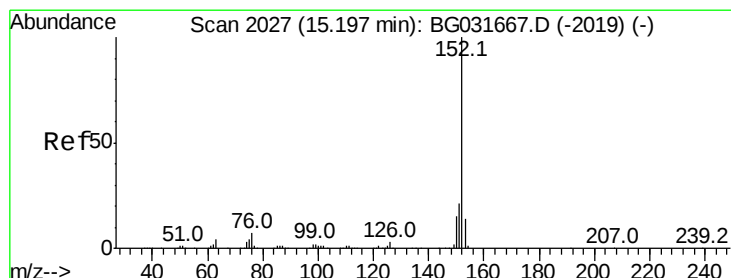
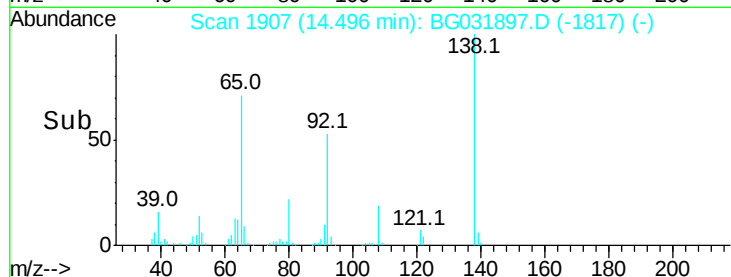
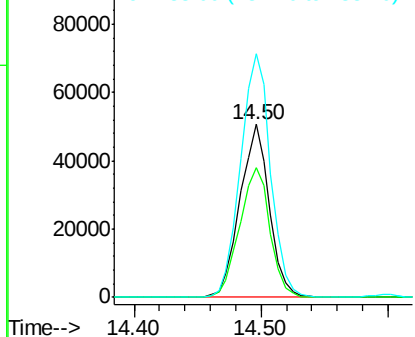
65 100

92 75.3 54.6 82.0

138 140.8 72.9 109.3#



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



#48

Acenaphthylene

Concen: 37.074 ng

RT: 15.15 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

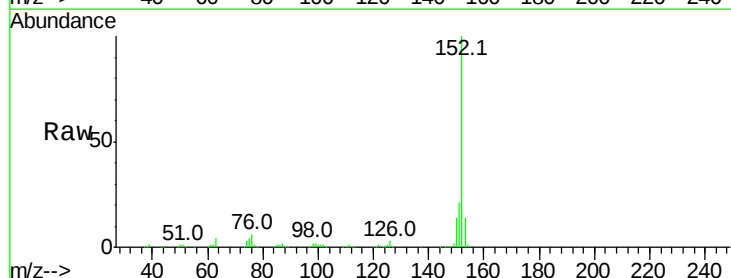
Tgt Ion: 152 Resp: 556913

Ion Ratio Lower Upper

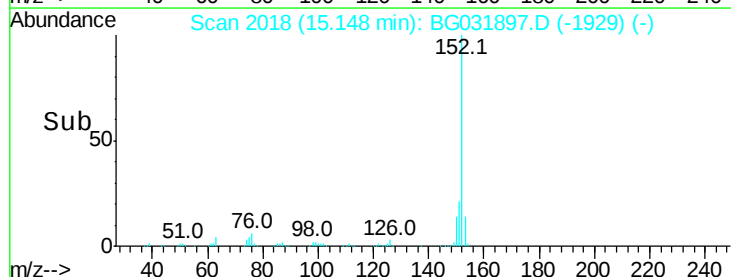
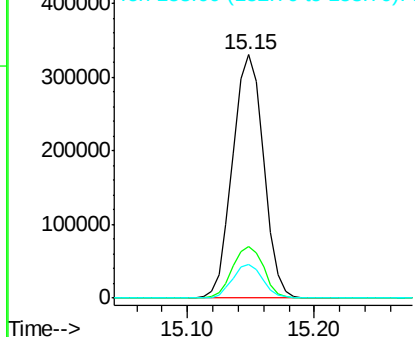
152 100

151 21.1 17.2 25.8

153 14.1 10.2 15.4



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





#49

Dimethylphthalate

Concen: 38.667 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

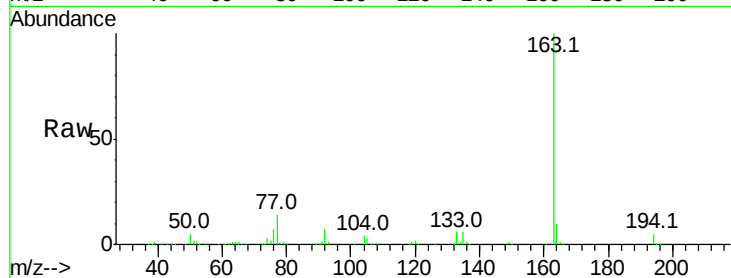
Tot Ion:163 Resp: 490960

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

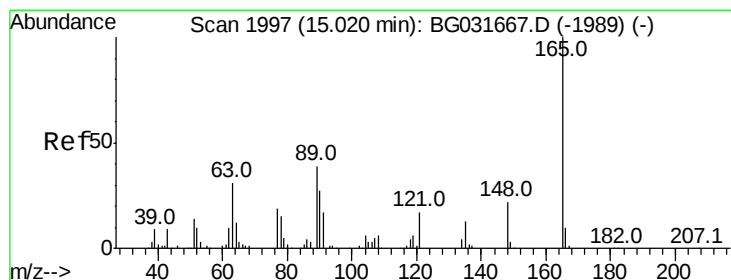
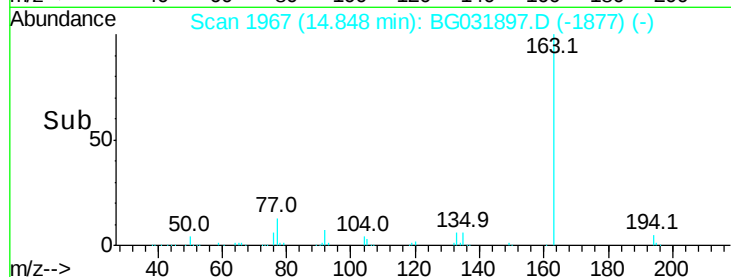
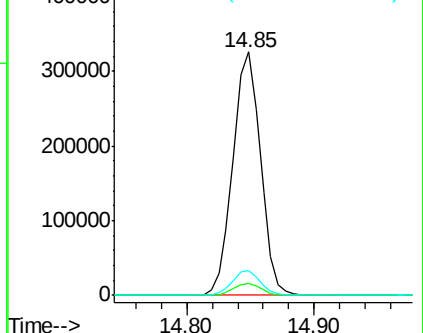
164 10.1 8.2 12.4



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: 47.564 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

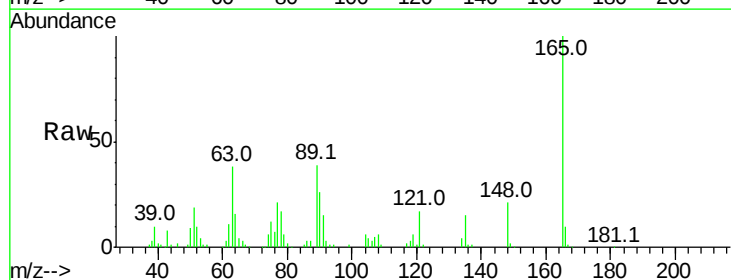
Tgt Ion:165 Resp: 111100

Ion Ratio Lower Upper

165 100

63 38.1 52.7 79.1#

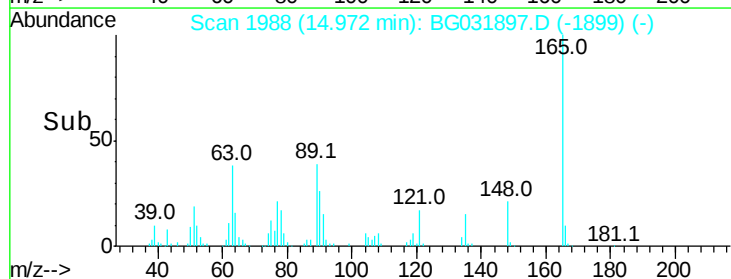
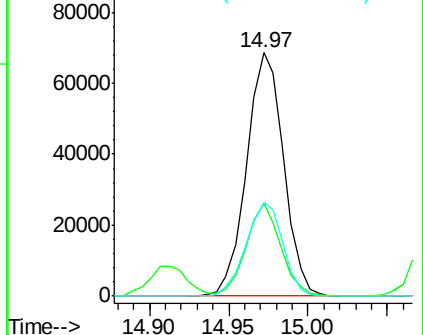
89 38.6 49.2 73.8#



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: 40.694 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

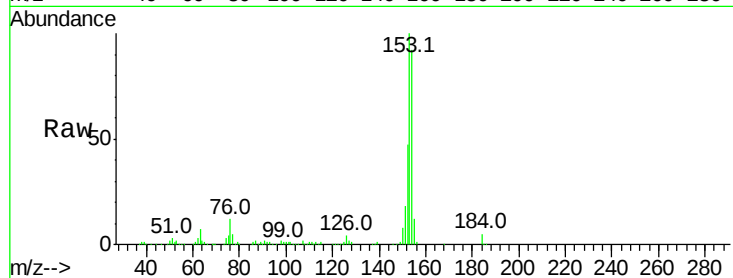
Tot Ion:154 Resp: 400349

Ion Ratio Lower Upper

154 100

153 108.2 90.4 135.6

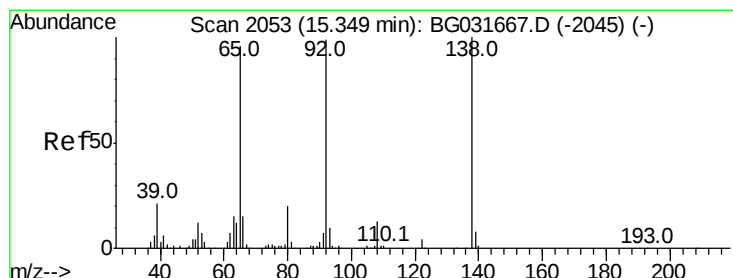
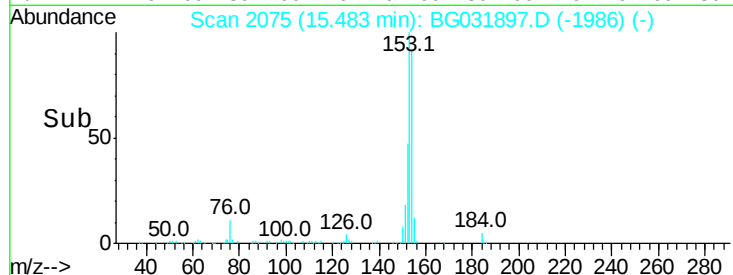
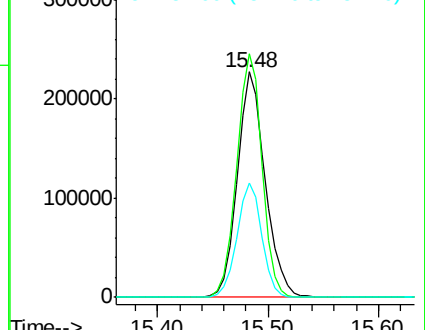
152 50.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.482 ng

RT: 15.31 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

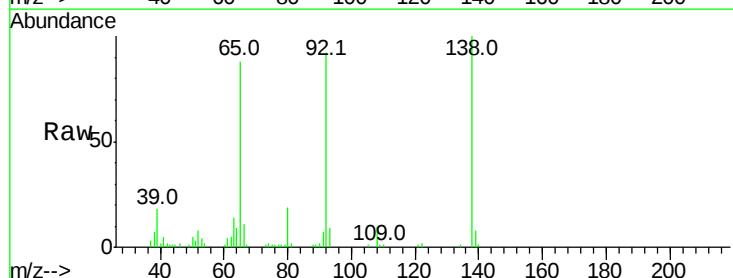
Tgt Ion:138 Resp: 51234

Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

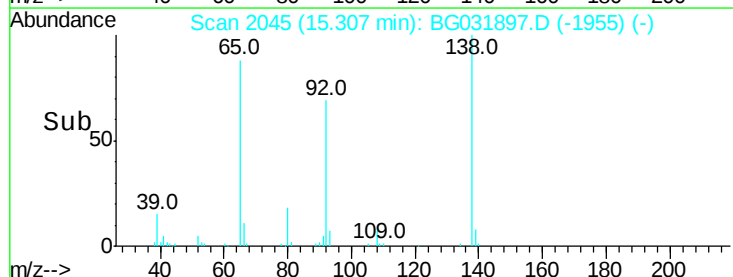
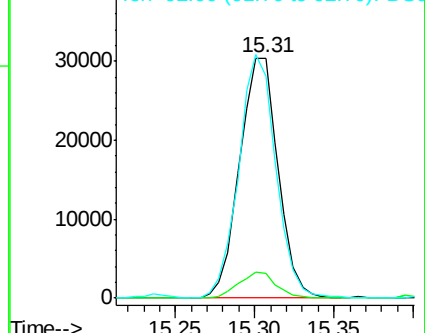
92 92.4 105.8 158.8#

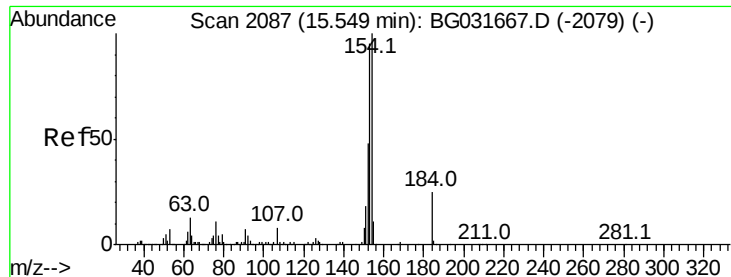


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

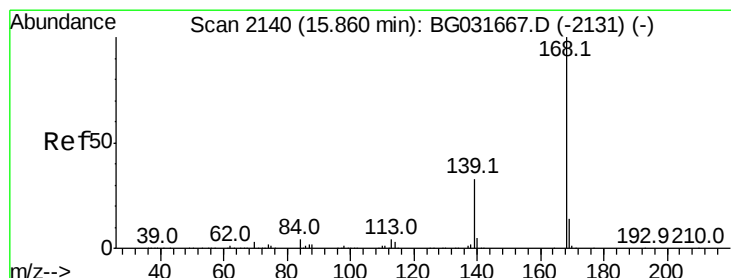
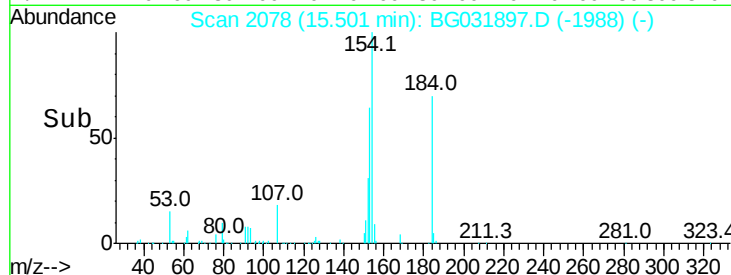
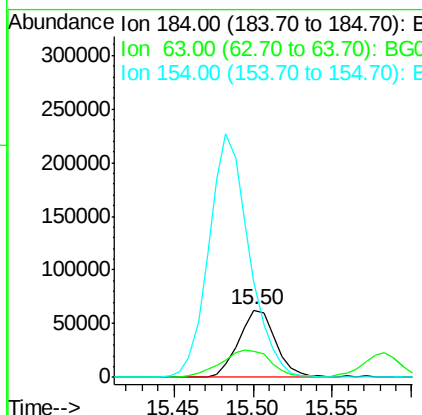
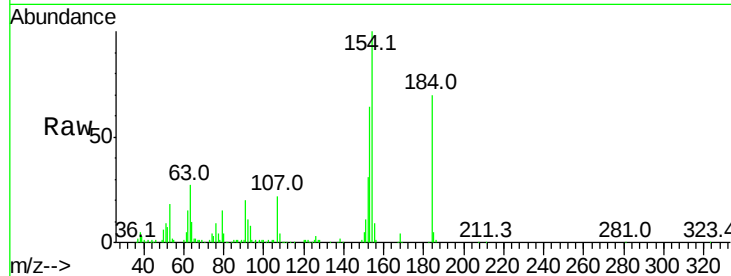




#53
2,4-Dinitrophenol
Concen: 101.355 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

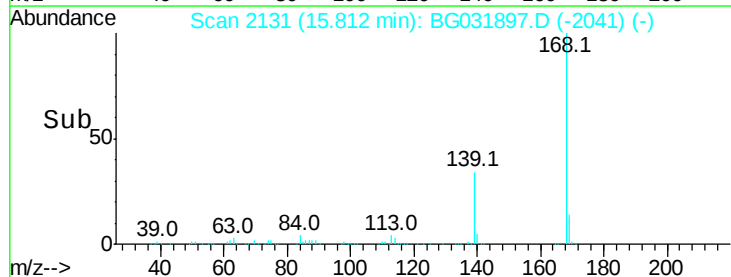
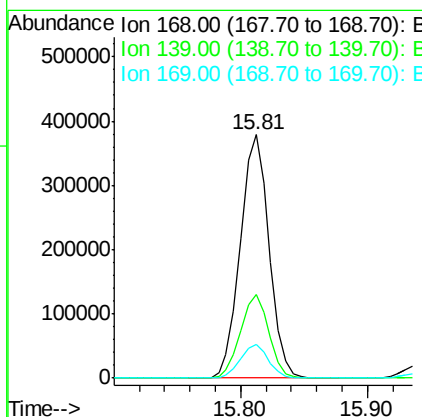
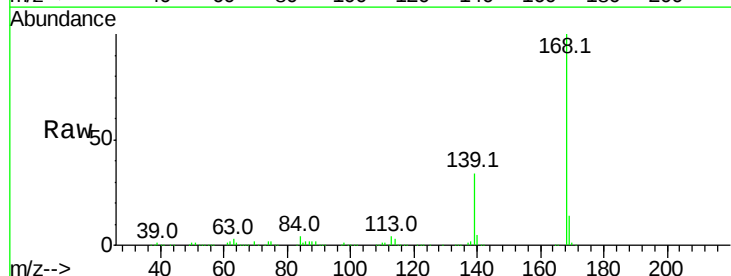
Instrument :
BNA_G
ClientSampleId :

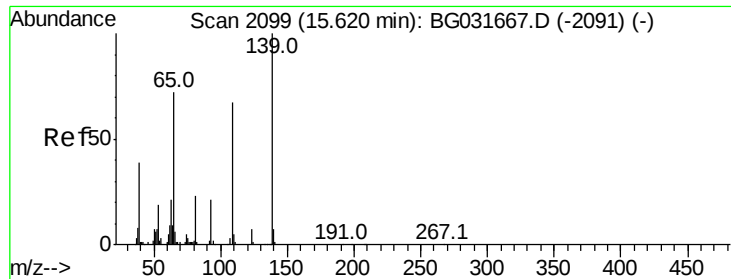
Tot Ion:184 Resp: 102809
Ion Ratio Lower Upper
184 100
63 39.0 59.8 89.8#
154 142.5 101.8 152.8



#54
Dibenzofuran
Concen: 39.351 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

Tgt Ion:168 Resp: 593434
Ion Ratio Lower Upper
168 100
139 34.3 28.6 43.0
169 13.9 11.2 16.8





#55

4-Nitrophenol

Concen: 95.794 ng

RT: 15.58 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

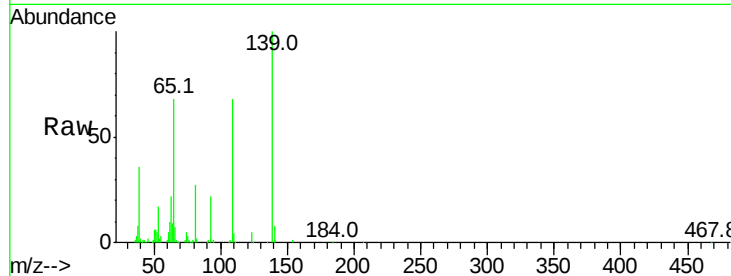
Tot Ion:139 Resp: 177679

Ion Ratio Lower Upper

139 100

109 68.4 62.2 102.2

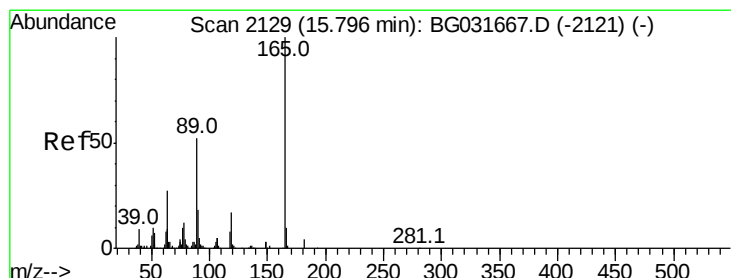
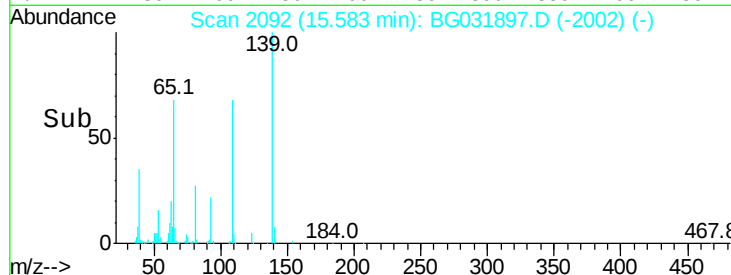
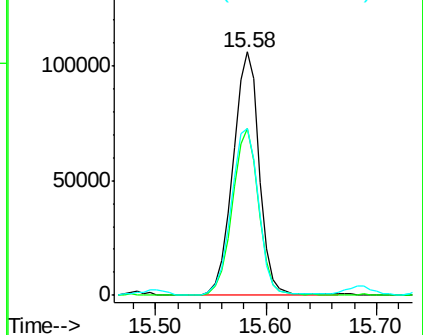
65 68.3 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 51.592 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Tgt Ion:165 Resp: 154958

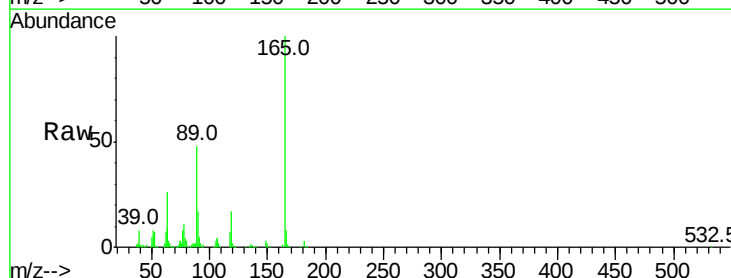
Ion Ratio Lower Upper

165 100

63 25.5 42.0 63.0#

89 48.2 66.9 100.3#

182 3.0 2.6 3.8

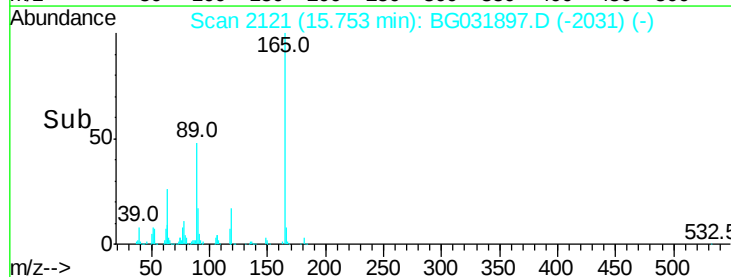
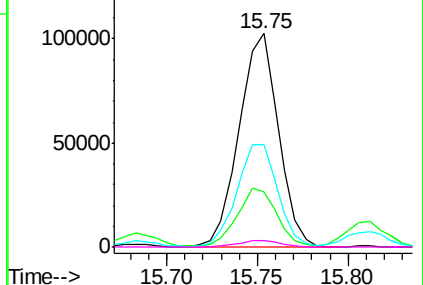


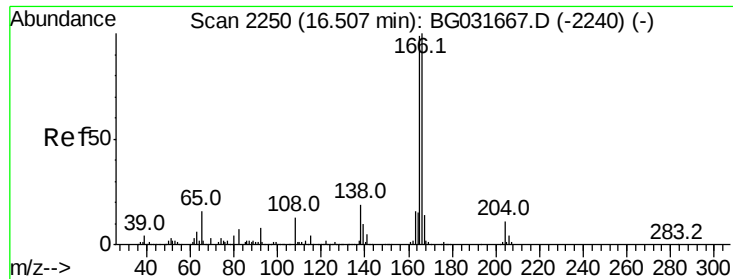
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.287 ng

RT: 16.45 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

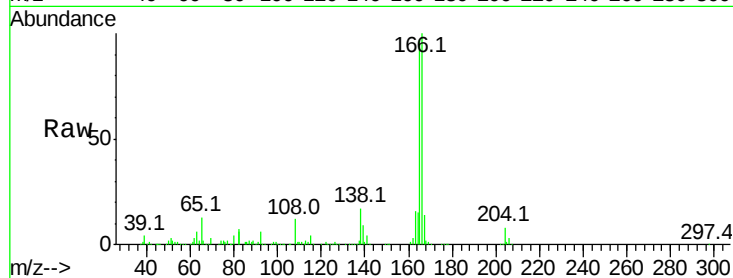
Tot Ion:166 Resp: 481314

Ion Ratio Lower Upper

166 100

165 96.6 80.6 121.0

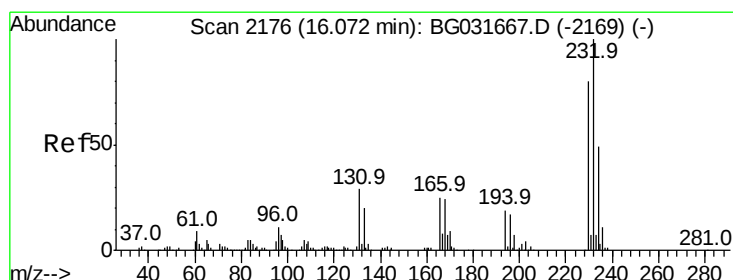
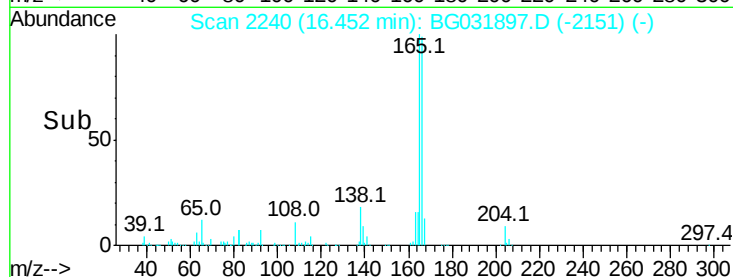
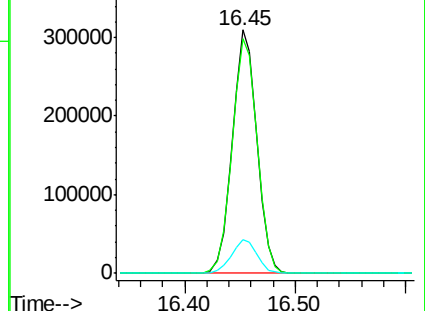
167 14.0 10.4 15.6



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: 46.134 ng

RT: 16.02 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Tgt Ion:232 Resp: 174595

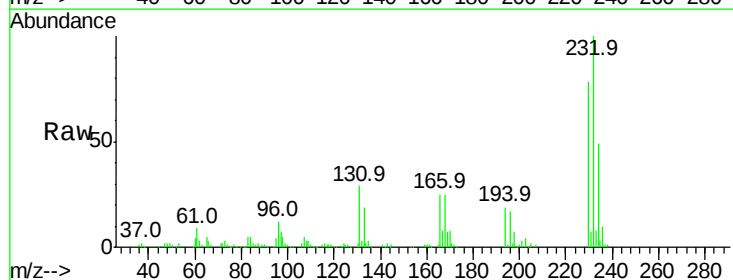
Ion Ratio Lower Upper

232 100

131 29.2 33.5 50.3#

130 1.8 2.2 3.2#

166 25.3 24.8 37.2

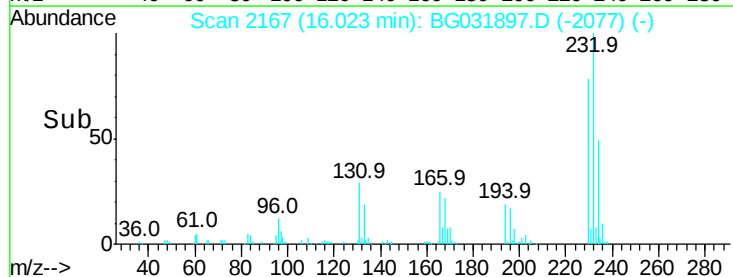
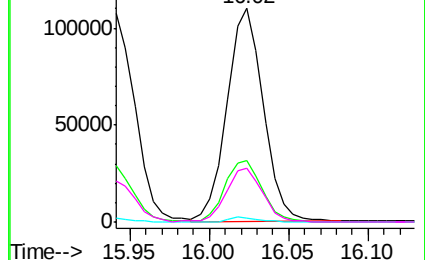


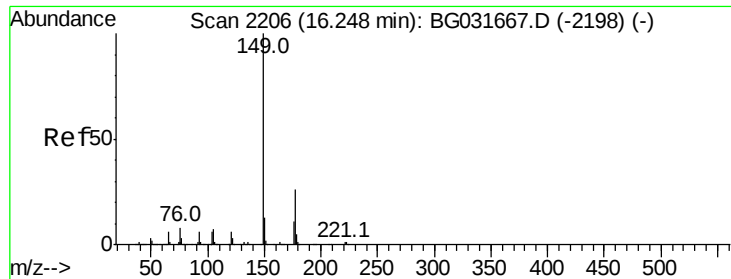
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.302 ng

RT: 16.19 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

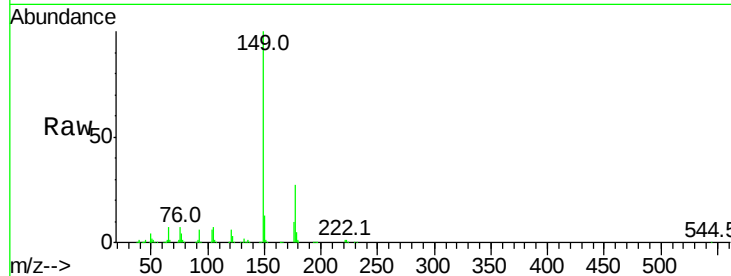
Tot Ion:149 Resp: 474014

Ion Ratio Lower Upper

149 100

177 26.8 18.5 27.7

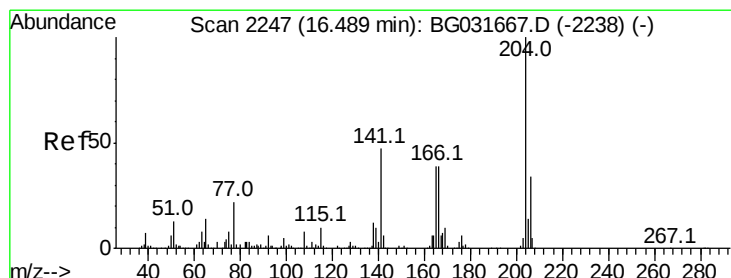
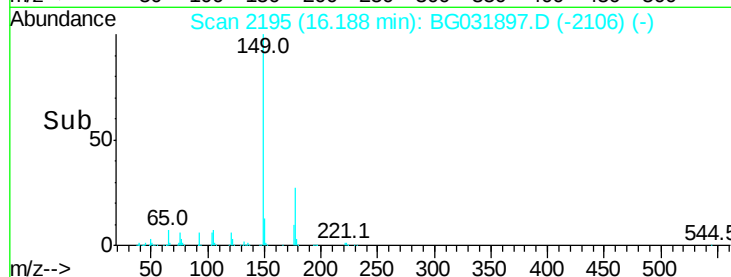
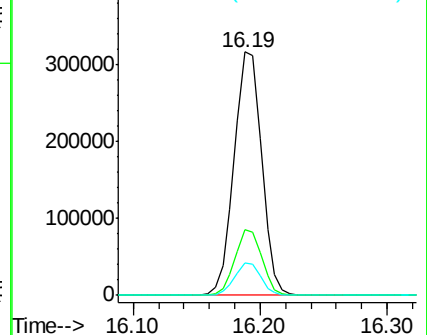
150 13.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.688 ng

RT: 16.43 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

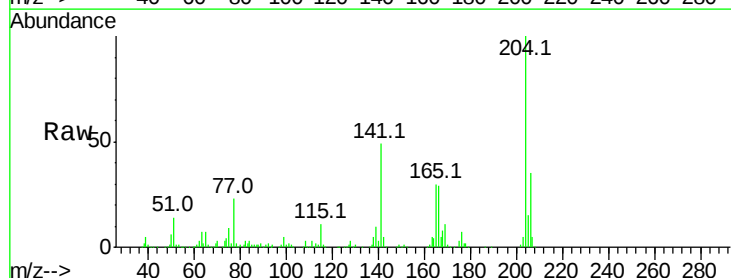
Tgt Ion:204 Resp: 282510

Ion Ratio Lower Upper

204 100

206 34.9 26.2 39.2

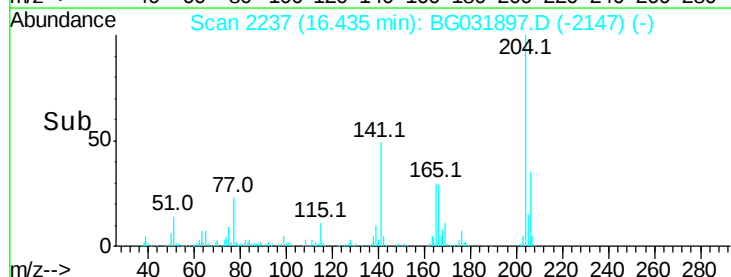
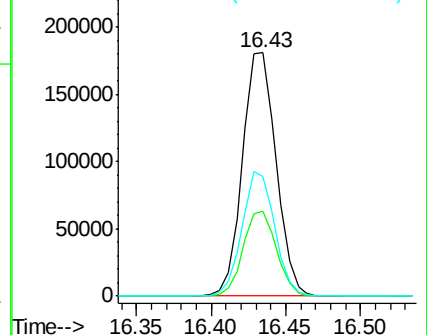
141 49.2 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.486 ng

RT: 16.46 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

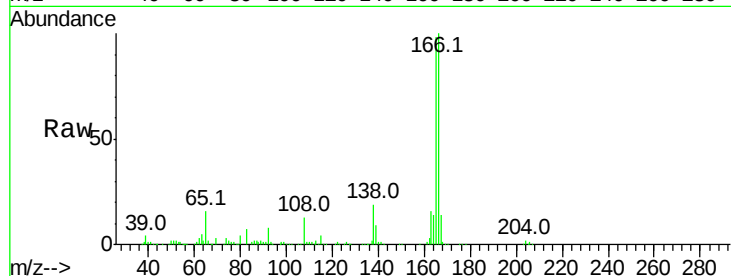
Tot Ion:138 Resp: 92258

Ion Ratio Lower Upper

138 100

92 44.1 40.1 80.1

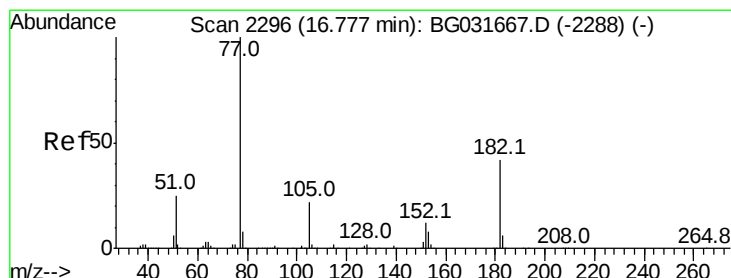
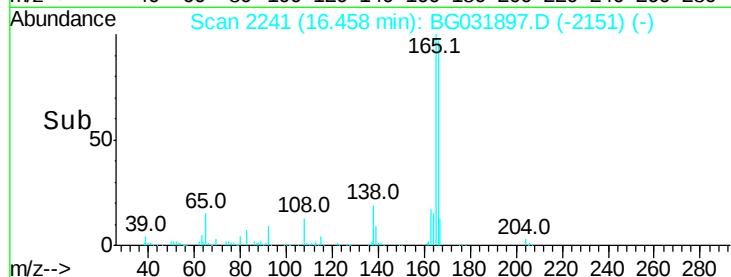
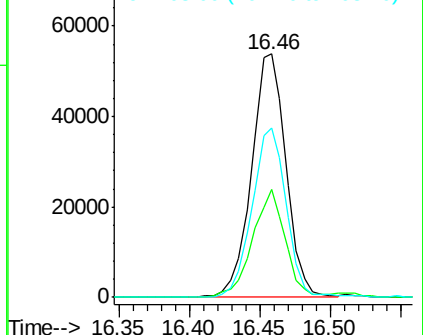
108 69.8 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.713 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Tgt Ion: 77 Resp: 315190

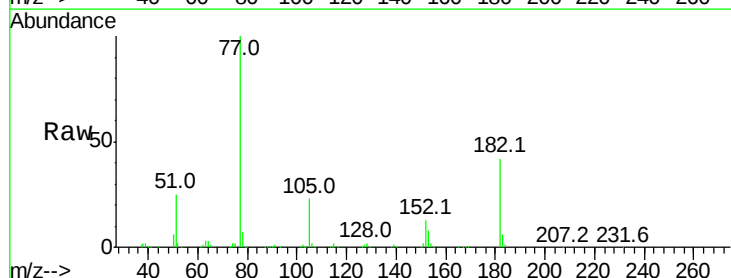
Ion Ratio Lower Upper

77 100

182 41.8 7.4 47.4

105 22.8 0.3 40.3

51 25.1 11.6 51.6

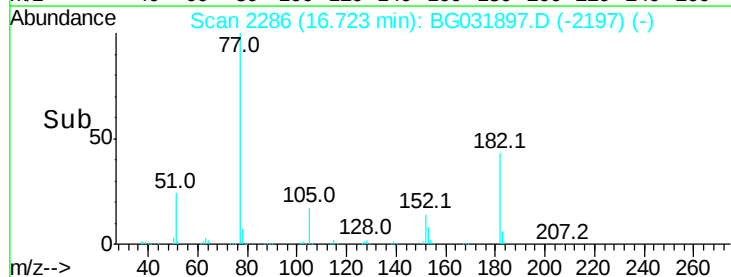
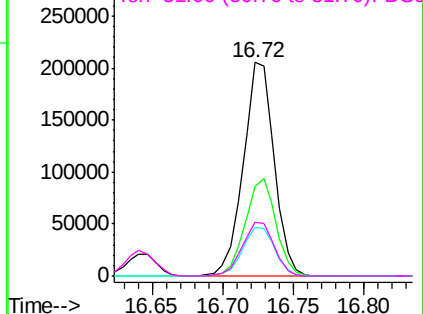


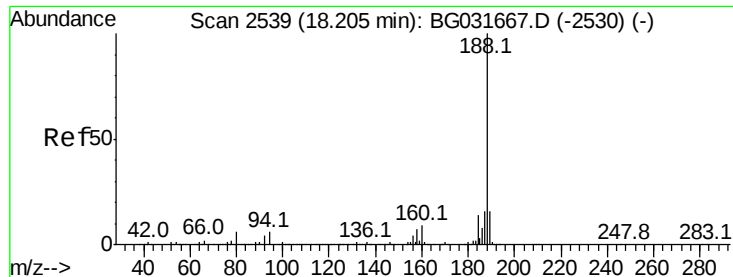
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

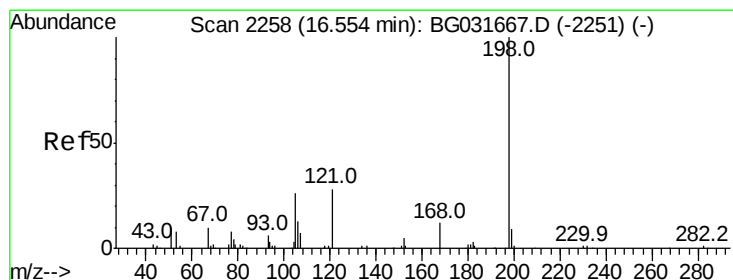
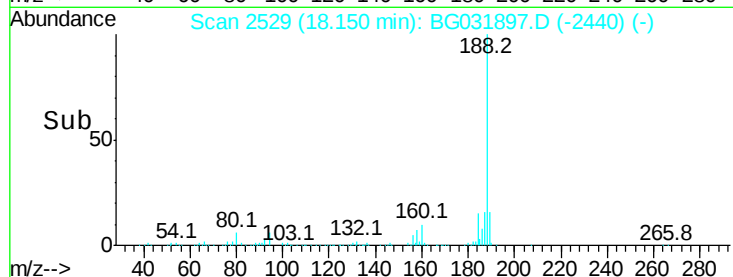
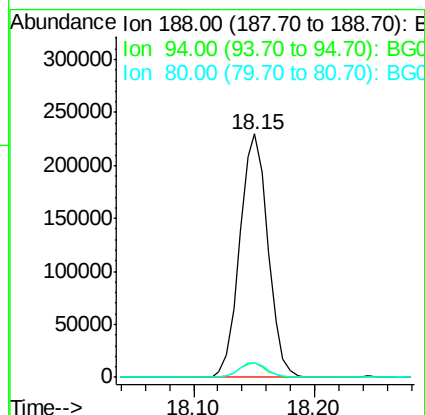
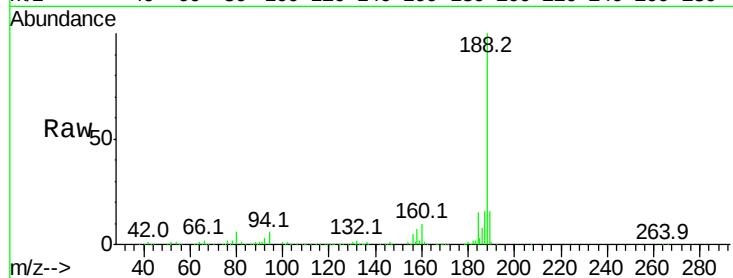




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

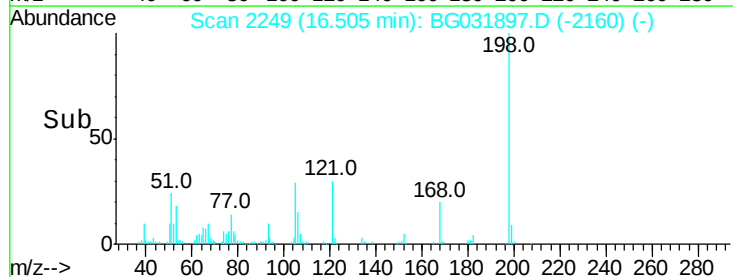
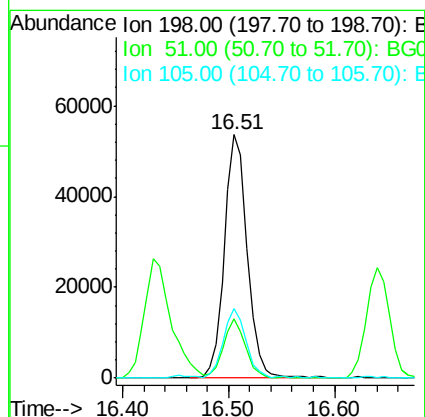
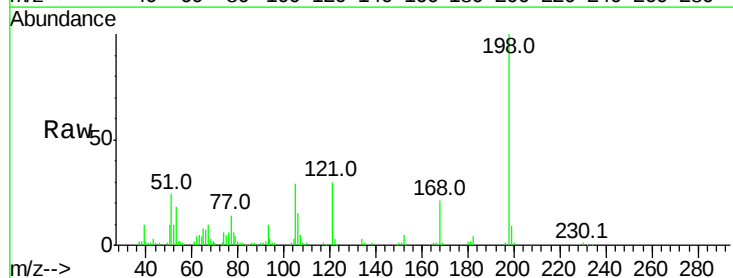
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 372812
 Ion Ratio Lower Upper
 188 100
 94 6.2 6.9 10.3#
 80 5.9 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.064 ng
 RT: 16.51 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Tgt Ion:198 Resp: 80617
 Ion Ratio Lower Upper
 198 100
 51 24.5 30.6 70.6#
 105 28.8 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 36.469 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BG031897.D

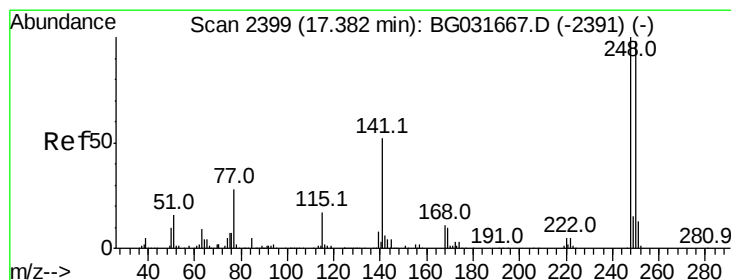
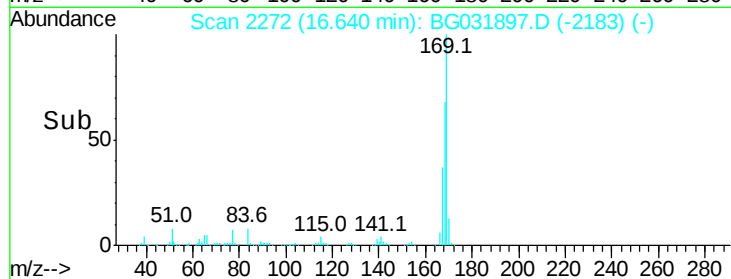
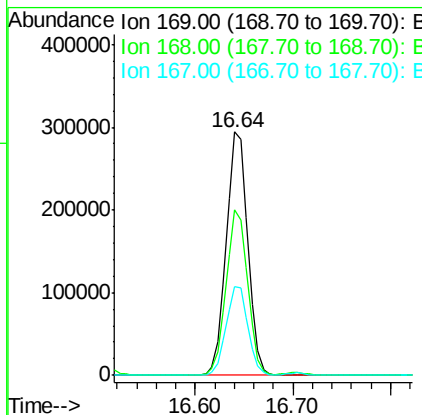
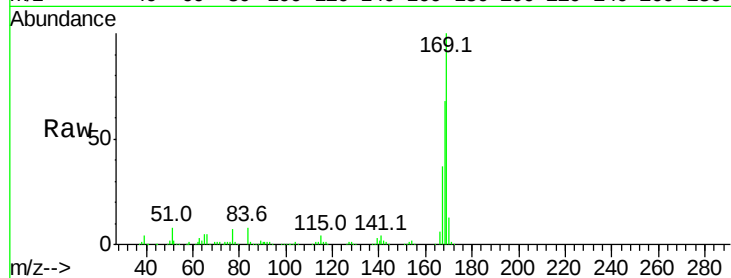
Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:169	Resp:	451555
Ion Ratio	Lower	Upper
169	100	
168	67.9	55.7 83.5
167	36.5	30.1 45.1



#66

4-Bromophenyl-phenylether

Concen: 38.976 ng

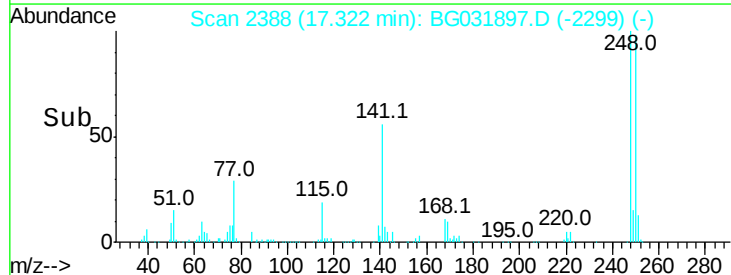
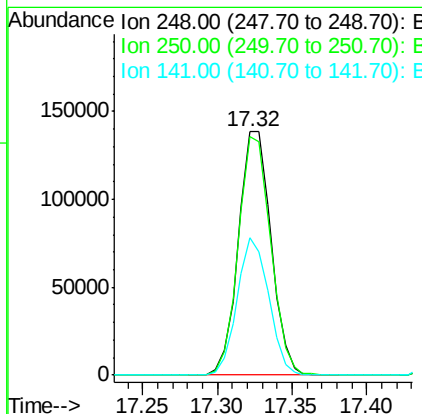
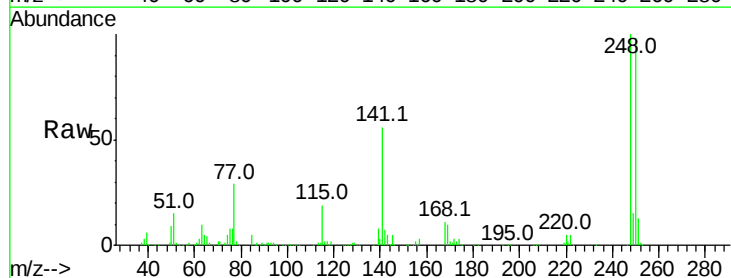
RT: 17.32 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Tgt Ion:248	Resp:	210124
Ion Ratio	Lower	Upper
248	100	
250	98.2	77.1 115.7
141	56.3	50.8 76.2

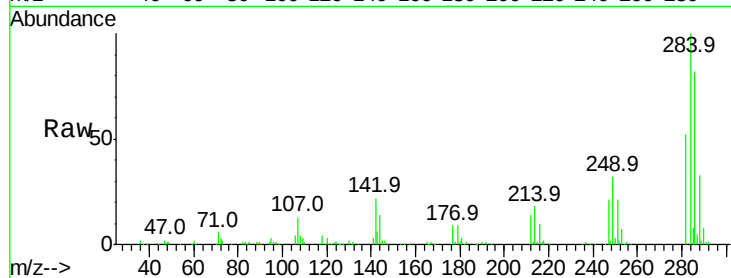




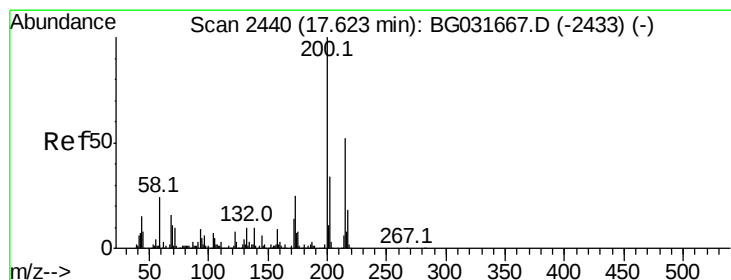
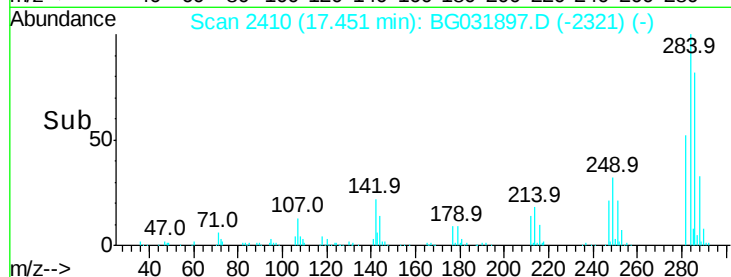
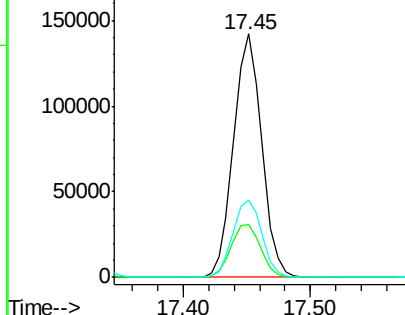
#67
Hexachlorobenzene
Concen: 39.488 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 217624
Ion Ratio Lower Upper
284 100
142 21.9 26.8 40.2#
249 31.7 26.3 39.5

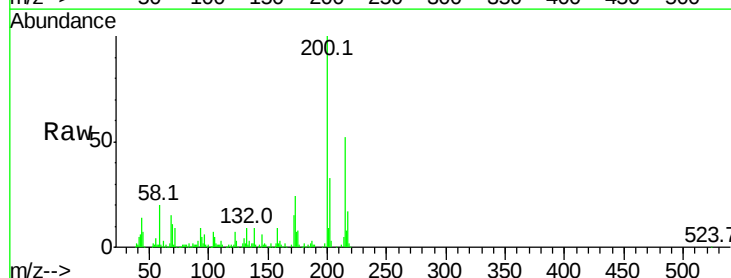


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

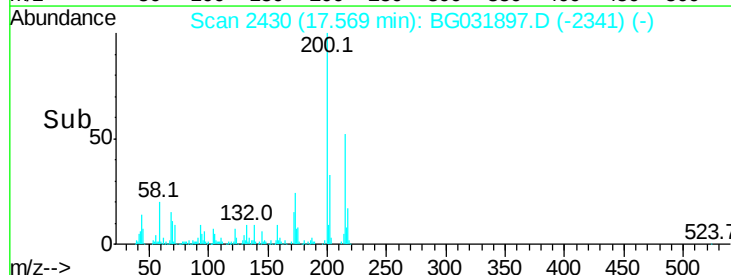
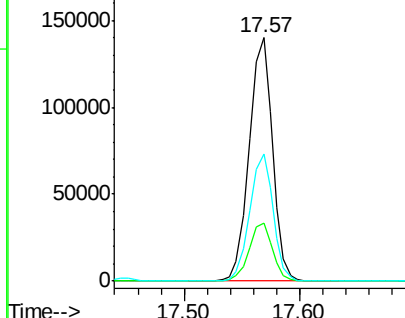


#68
Atrazine
Concen: 40.908 ng
RT: 17.57 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

Tgt Ion:200 Resp: 196956
Ion Ratio Lower Upper
200 100
173 23.8 5.2 45.2
215 52.4 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

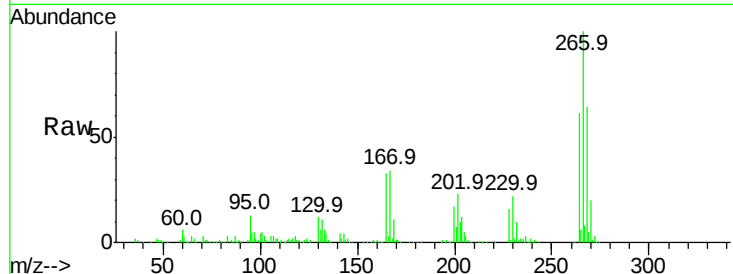




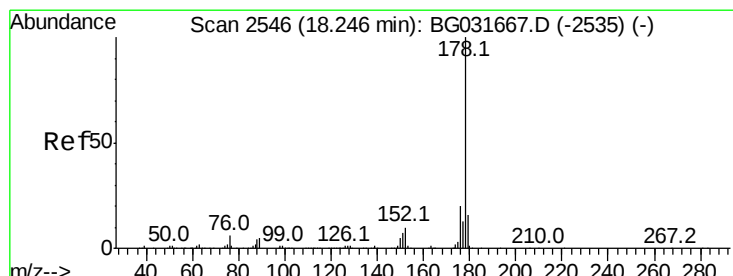
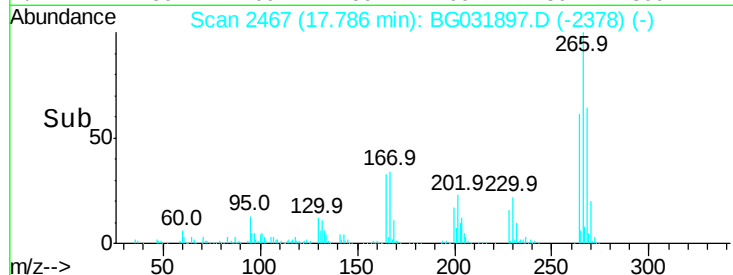
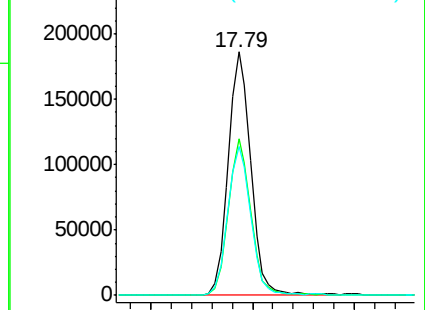
#69
 Pentachlorophenol
 Concen: 76.602 ng
 RT: 17.79 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	266	Resp:	290371
Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.1	76.7
264	61.4	49.6	74.4

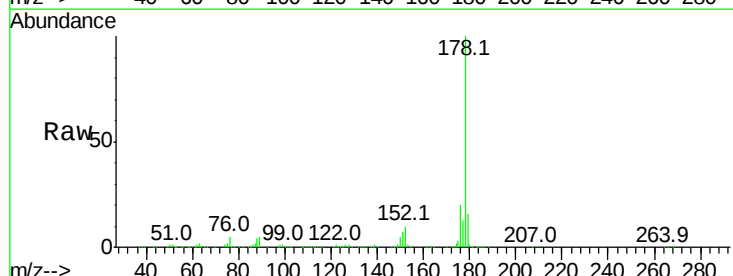


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

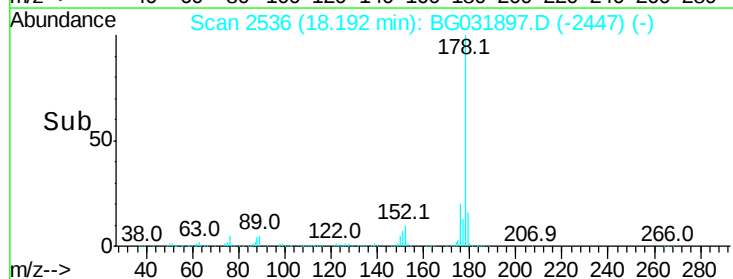
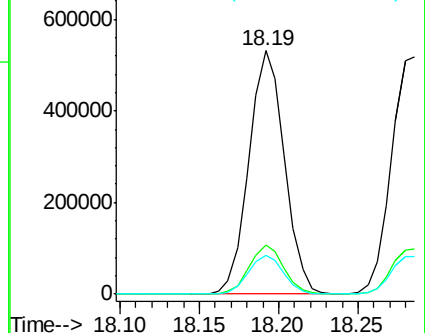


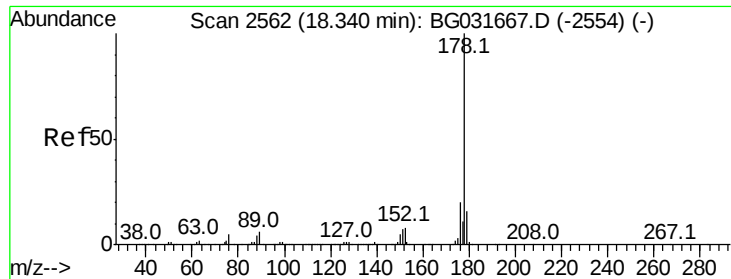
#70
 Phenanthrene
 Concen: 39.264 ng
 RT: 18.19 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Tgt Ion:	178	Resp:	828415
Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.0	12.5	18.7



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

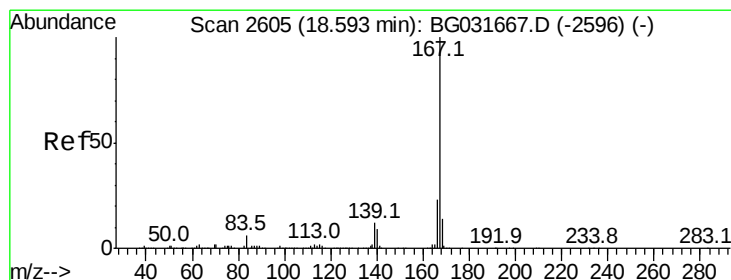
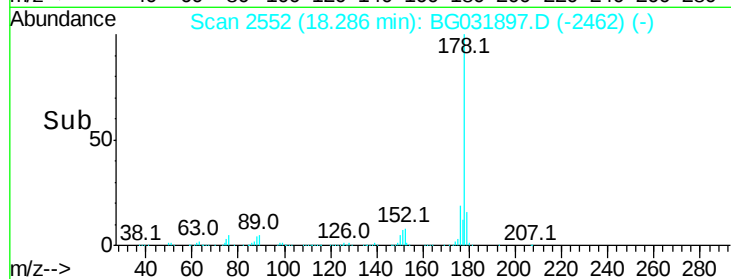
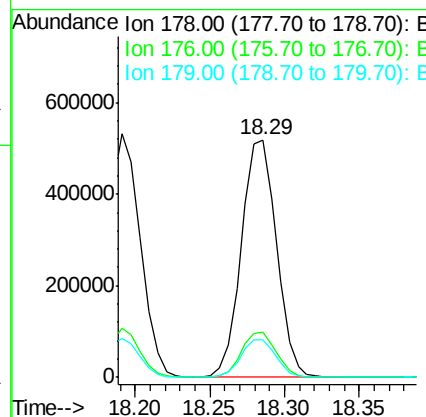
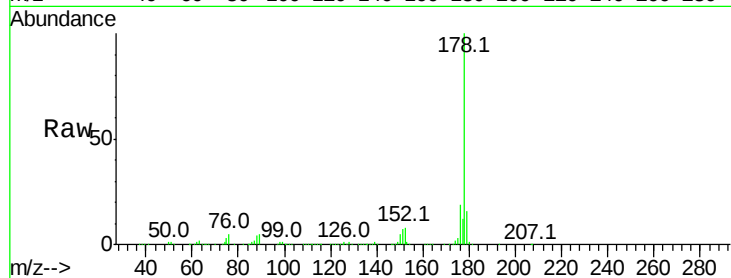




#71
 Anthracene
 Concen: 39.770 ng
 RT: 18.29 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

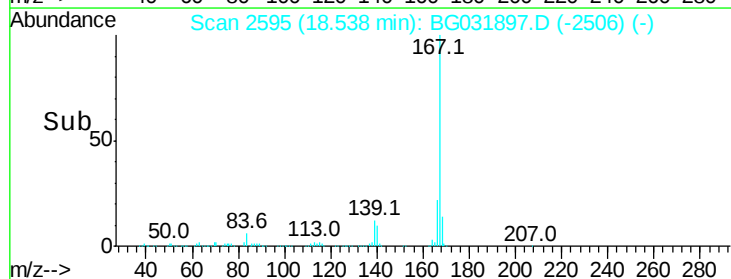
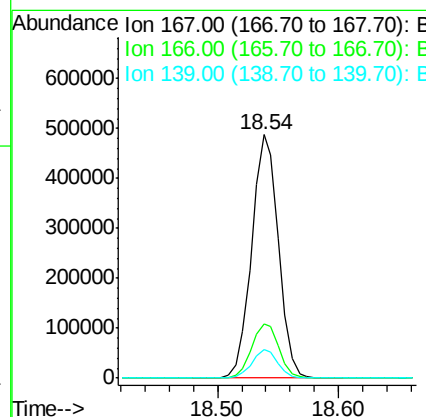
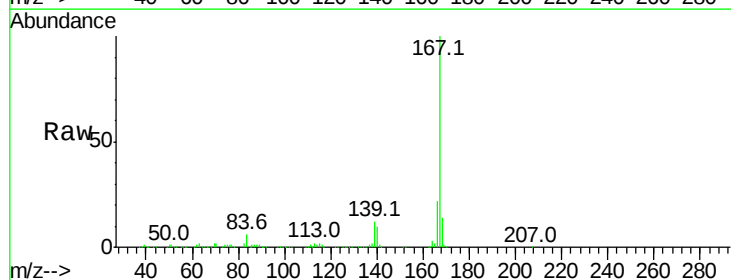
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.9	12.5	18.7



#72
 Carbazole
 Concen: 39.913 ng
 RT: 18.54 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	11.8	9.4	14.2





#73

Di-n-butylphthalate

Concen: 39.169 ng

RT: 19.05 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

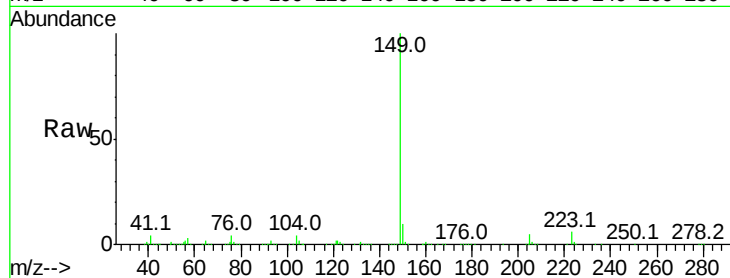
Tot Ion:149 Resp: 819967

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

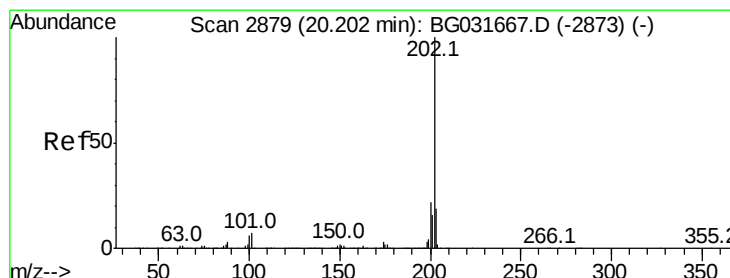
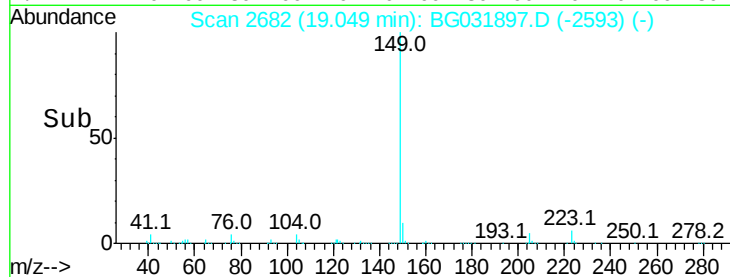
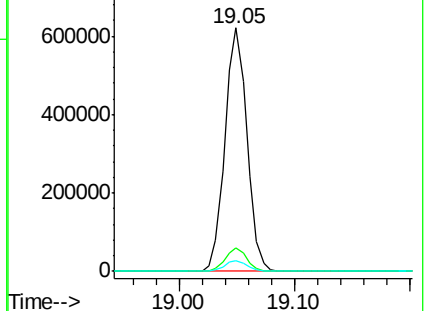
104 4.3 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.831 ng

RT: 20.15 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

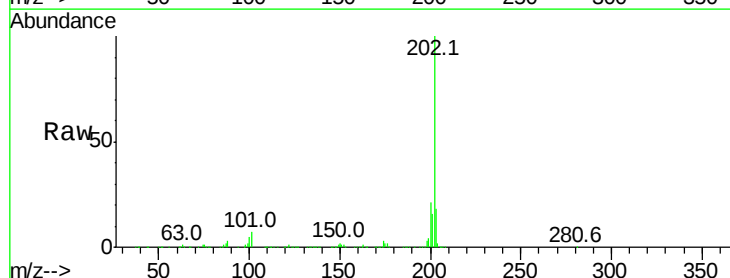
Tgt Ion:202 Resp: 1057030

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.9

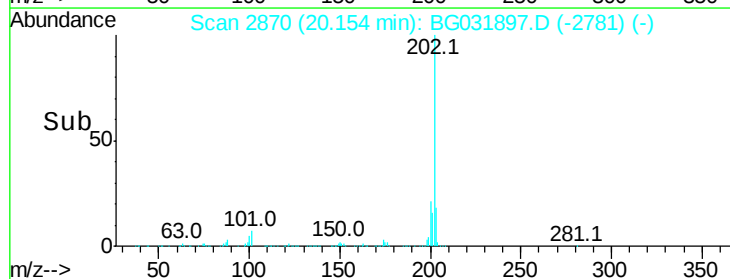
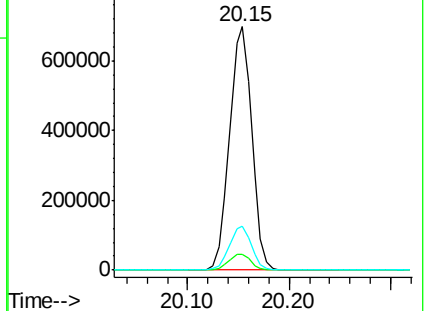
203 18.0 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.49 min Scan# 3268

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

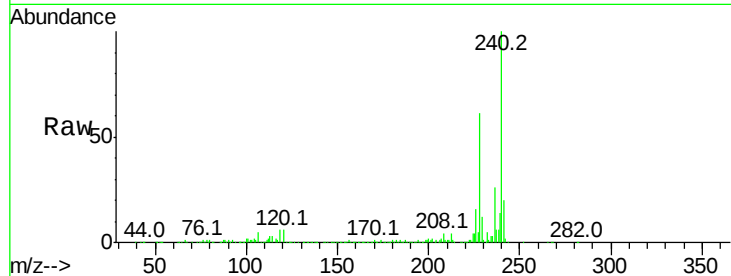
Tot Ion:240 Resp: 431875

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

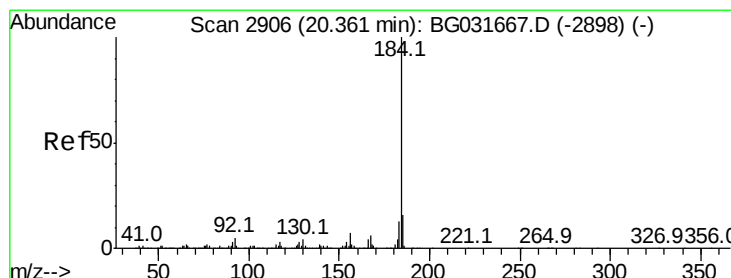
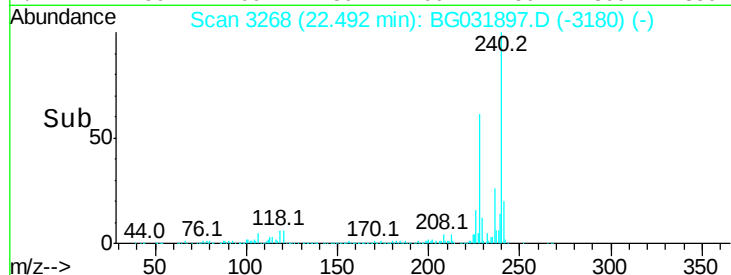
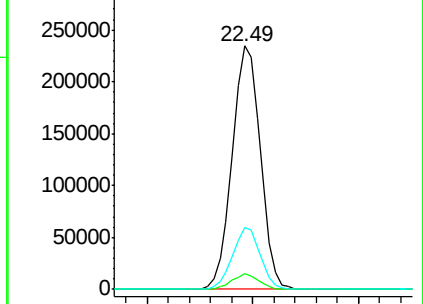
236 25.6 20.9 31.3



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: 20.156 ng

RT: 20.31 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

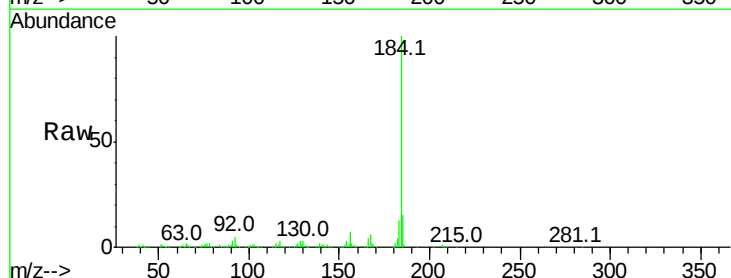
Tgt Ion:184 Resp: 268681

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

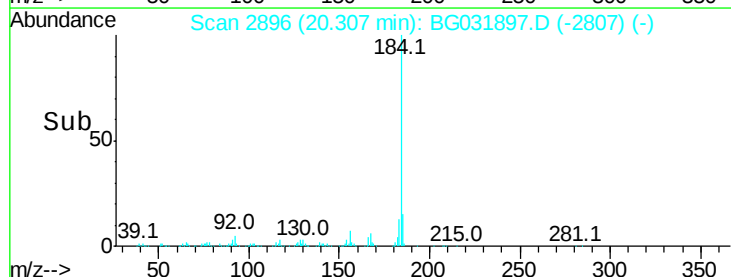
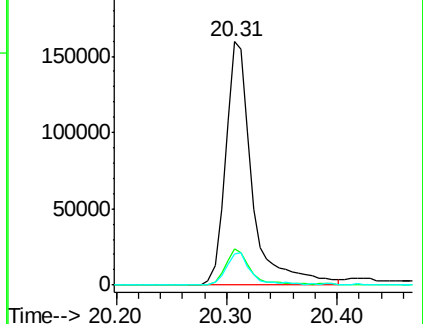
183 12.9 10.6 16.0



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

Pvrene

Concen: 38.787 ng

RT: 20.51 min Scan# 2930

Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

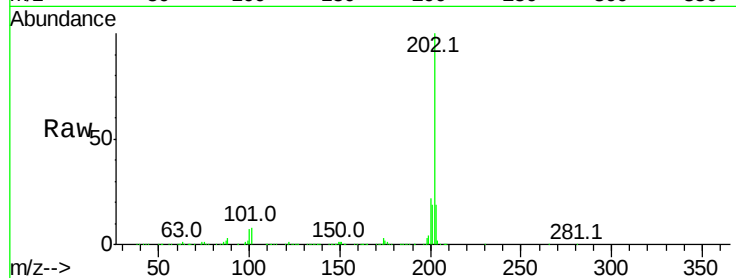
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1070017

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.5	13.9	20.9

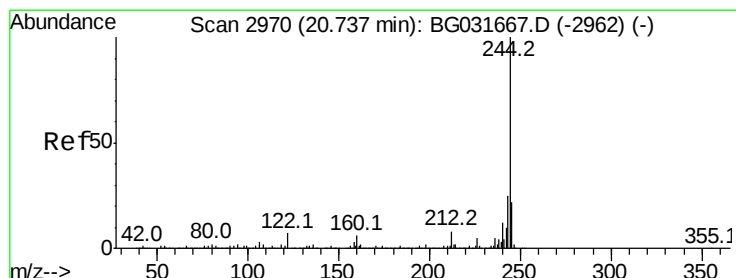
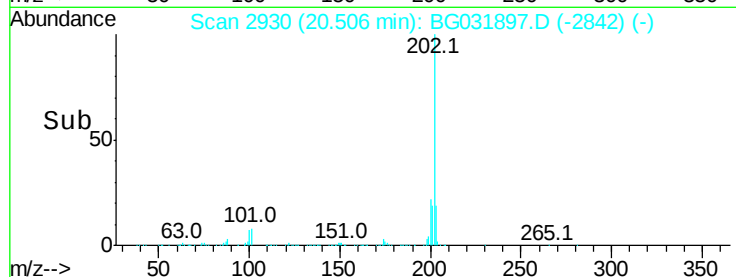
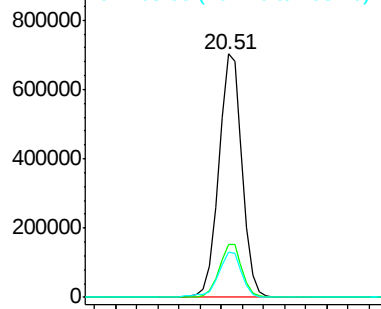


Abundance

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: 91.059 ng

RT: 20.68 min Scan# 2960

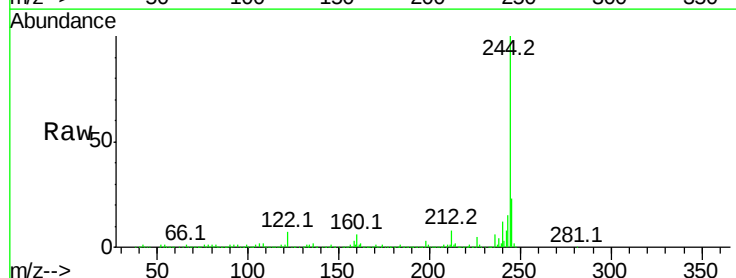
Delta R.T. -0.01 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Tgt Ion:244 Resp: 1721316

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	7.2	7.0	10.4

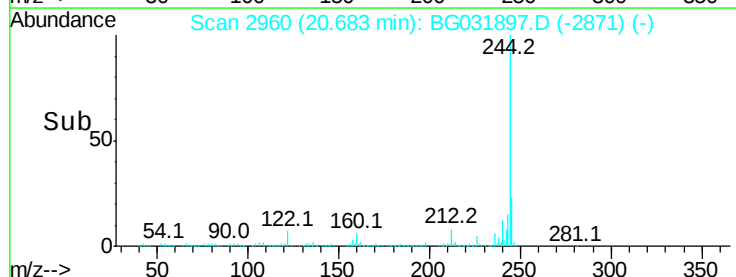
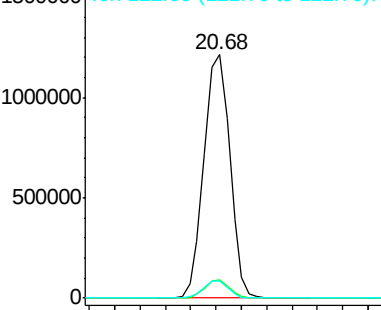


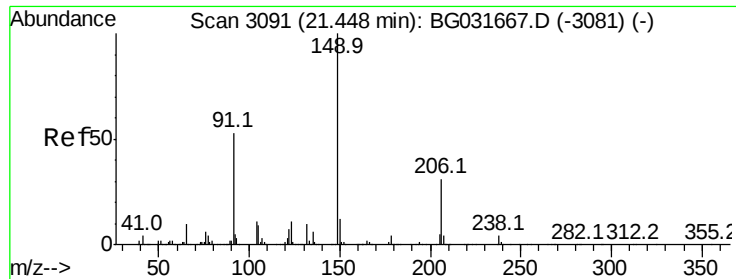
Abundance

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

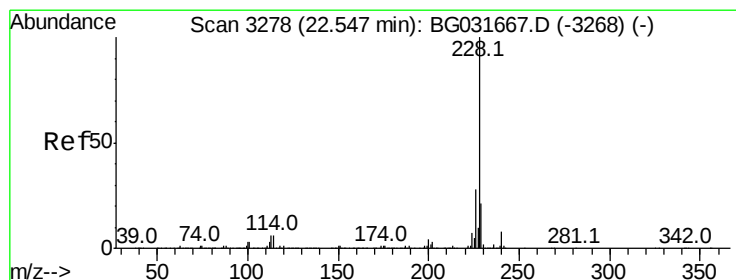
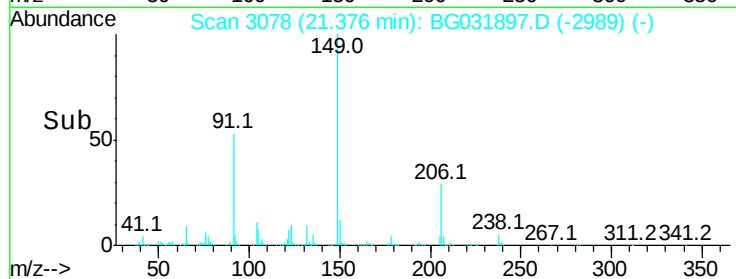
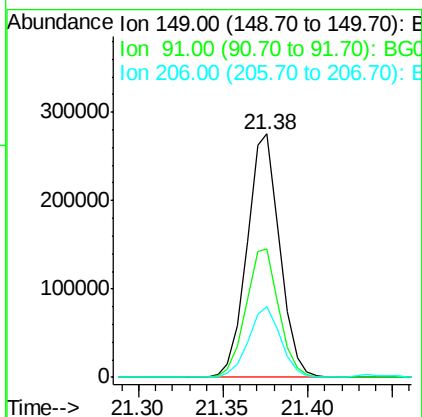
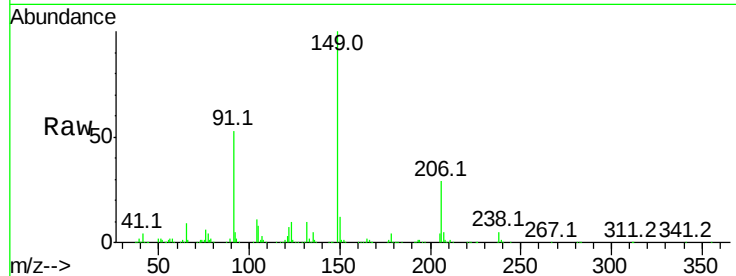




#79
Butylbenzylphthalate
Concen: 39.937 ng
RT: 21.38 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

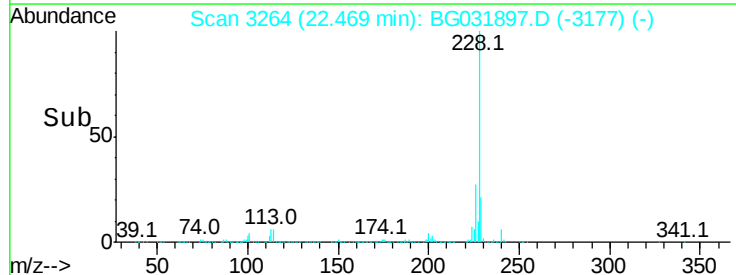
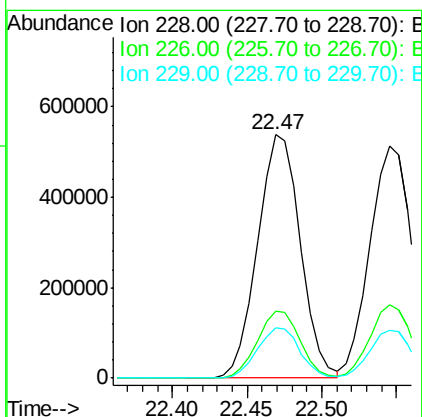
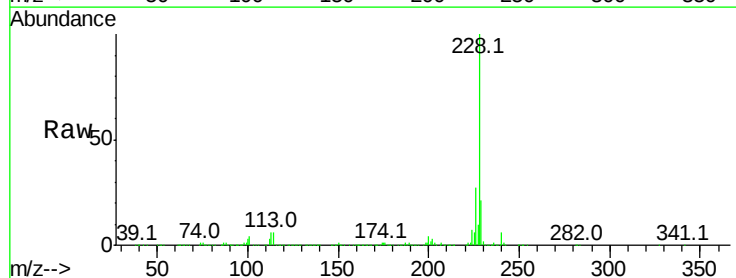
Instrument :
BNA_G
ClientSampleId :

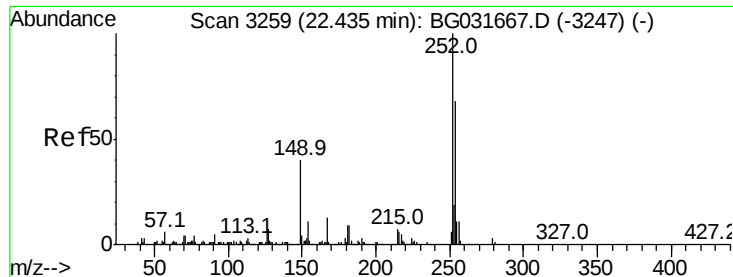
Tot Ion	Ratio	Lower	Upper
149	100		
91	52.6	62.2	93.2#
206	28.9	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 38.875 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG031897.D
Acq: 3 Jan 2018 19:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.7	34.1
229	20.8	16.2	24.2

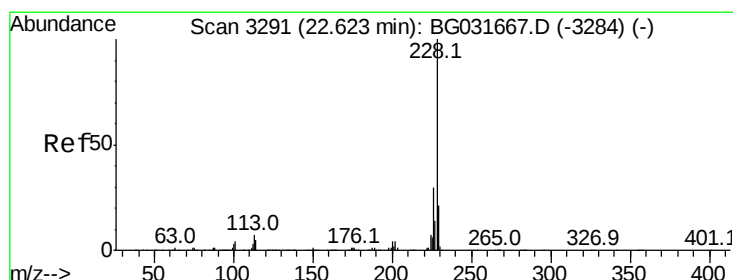
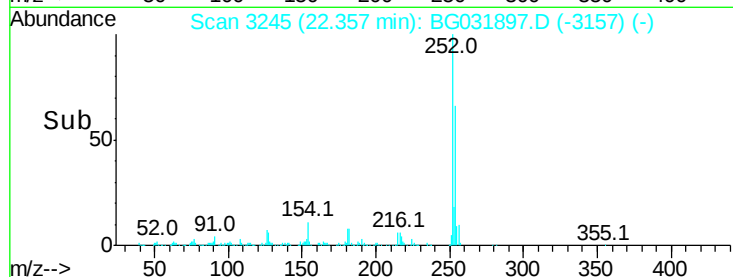
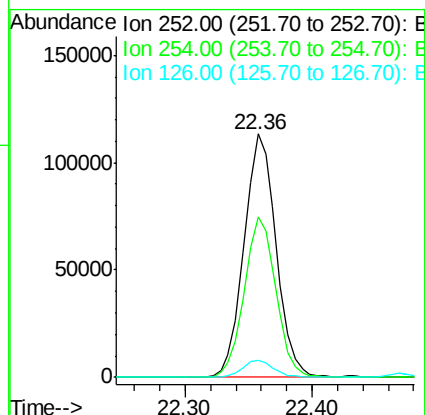
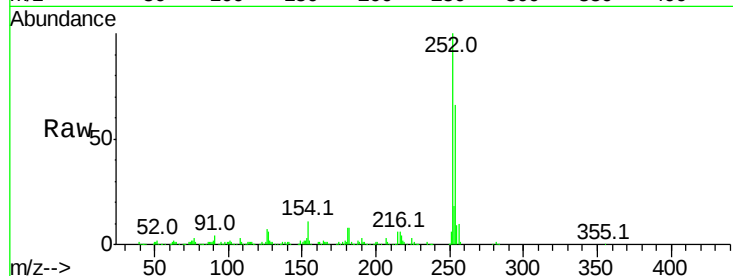




#81
 3,3'-Dichlorobenzidine
 Concen: 18.707 ng
 RT: 22.36 min Scan# 3245
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

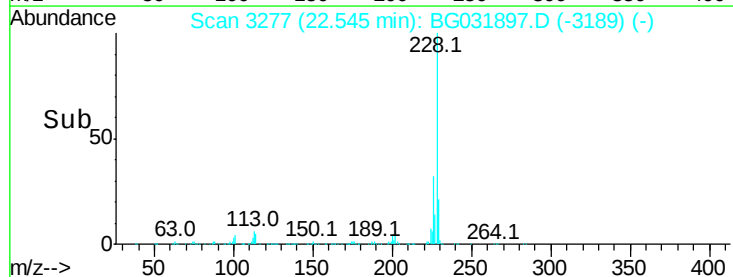
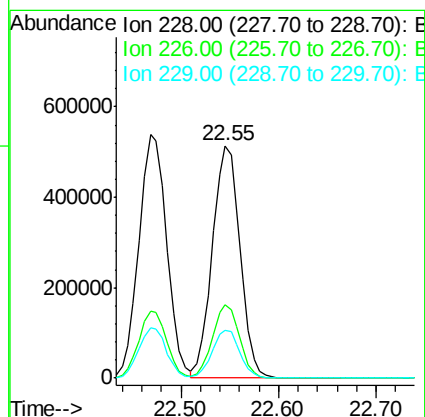
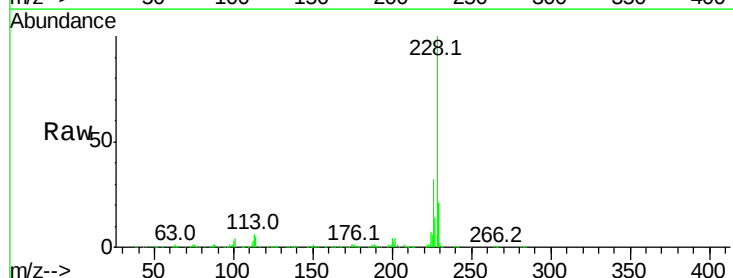
Instrument :
 BNA_G
 ClientSampled :

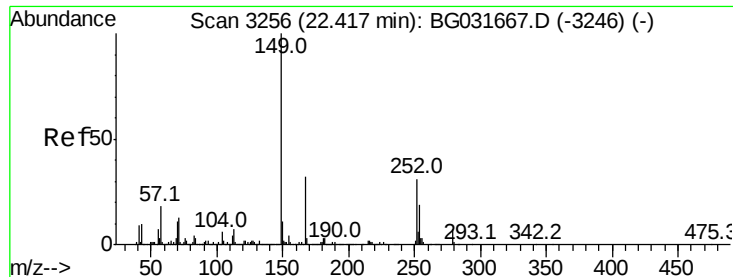
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.8	76.2
126	6.9	7.4	11.2#



#82
 Chrysene
 Concen: 38.590 ng
 RT: 22.55 min Scan# 3277
 Delta R.T. -0.01 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	20.7	15.0	22.4

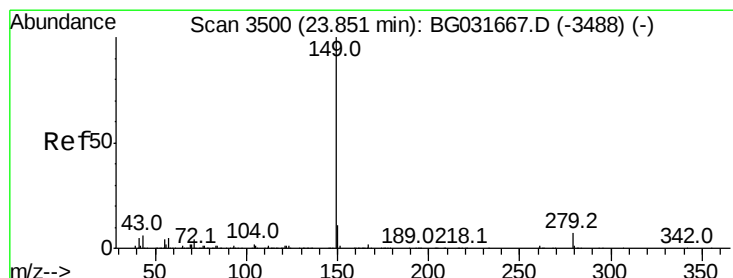
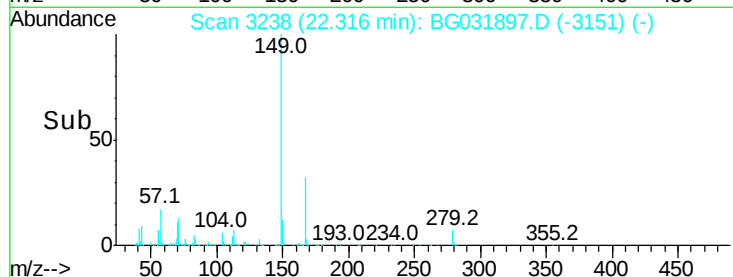
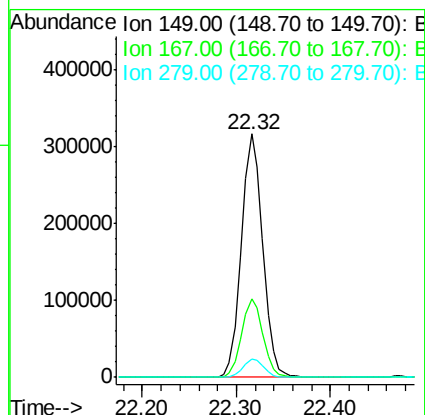
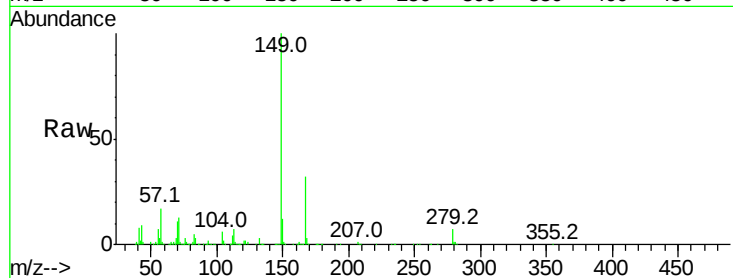




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.135 ng
 RT: 22.32 min Scan# 3238
 Delta R.T. -0.02 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

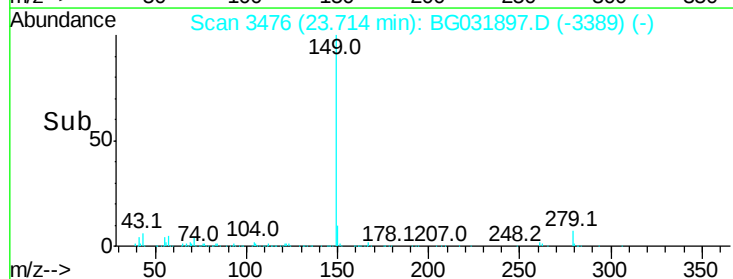
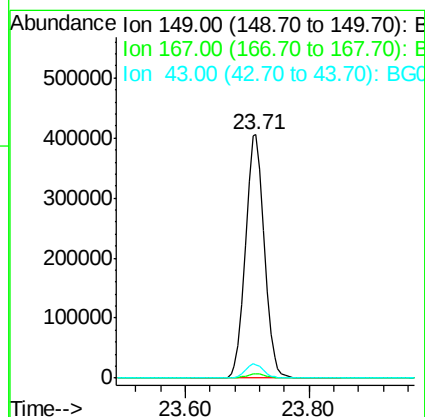
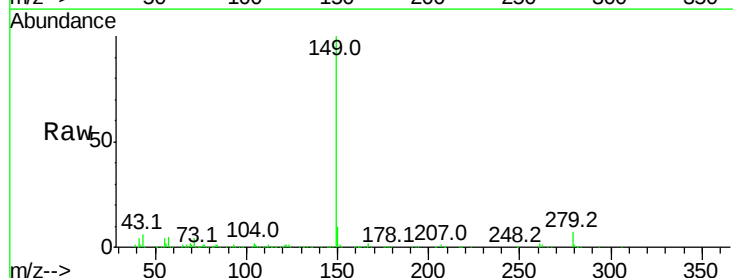
Instrument :
 BNA_G
 ClientSampleId :

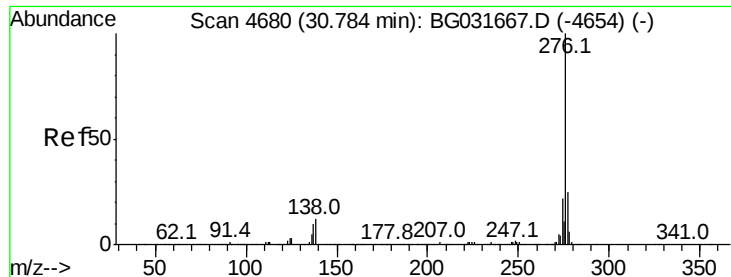
Tot Ion:149 Resp: 498237
 Ion Ratio Lower Upper
 149 100
 167 32.2 24.3 36.5
 279 7.3 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 38.166 ng
 RT: 23.71 min Scan# 3476
 Delta R.T. -0.02 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Tgt Ion:149 Resp: 862391
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 5.5 8.9 13.3#

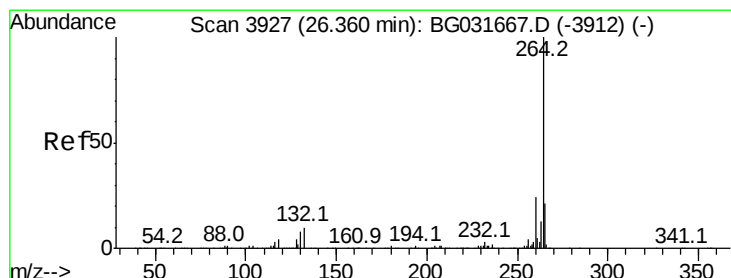
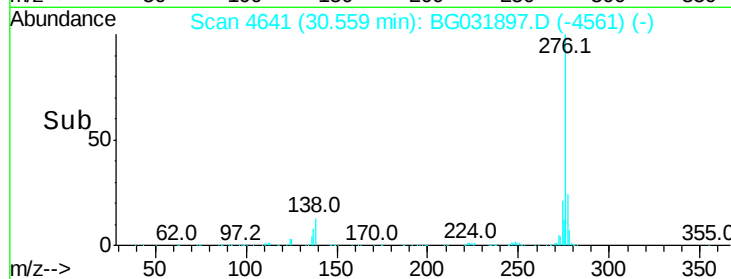
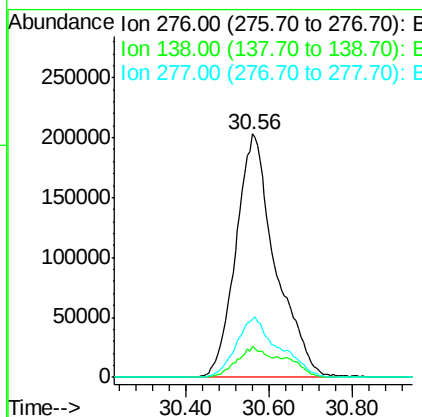
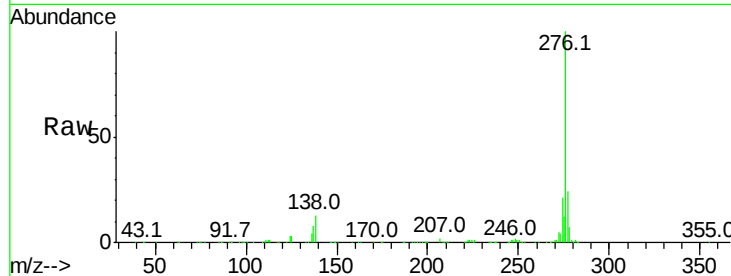




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.076 ng
 RT: 30.56 min Scan# 4641
 Delta R.T. -0.06 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

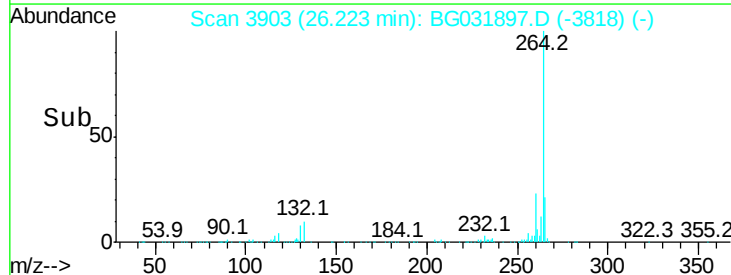
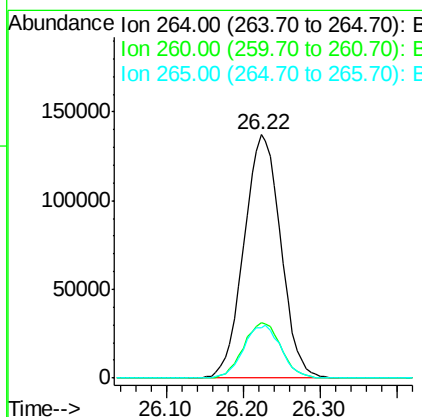
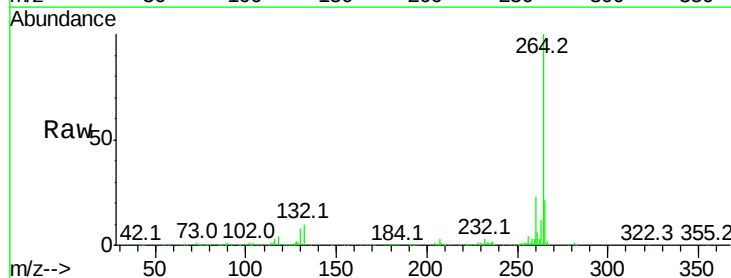
Instrument :
 BNA_G
 ClientSampleId :

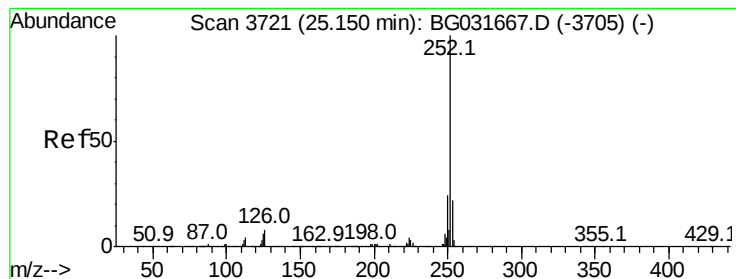
Tot Ion:276 Resp: 1336419
 Ion Ratio Lower Upper
 276 100
 138 10.1 16.0 24.0#
 277 26.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.22 min Scan# 3903
 Delta R.T. -0.03 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Tgt Ion:264 Resp: 458588
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.4 26.0
 265 20.9 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 39.145 ng

RT: 25.03 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

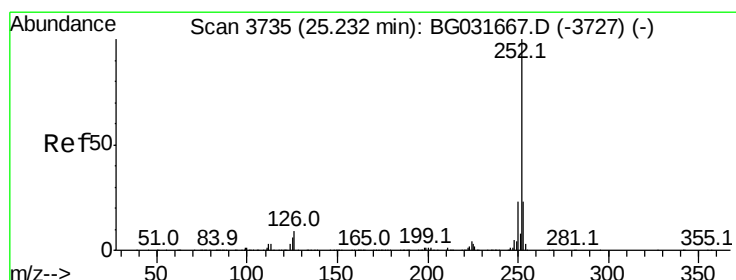
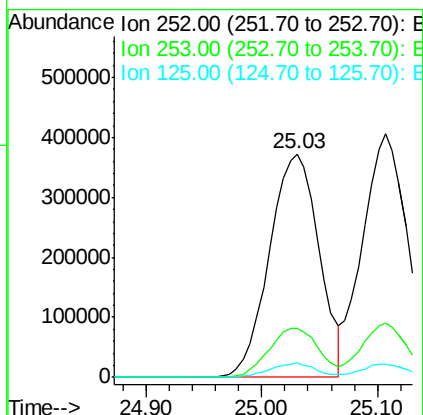
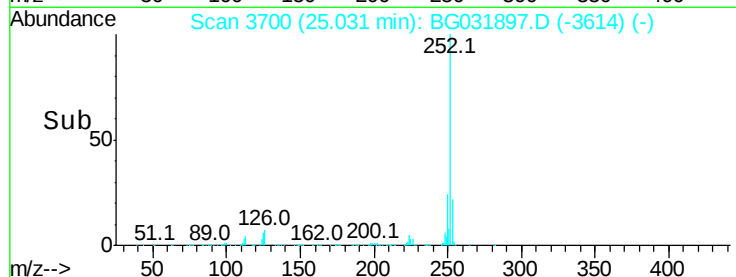
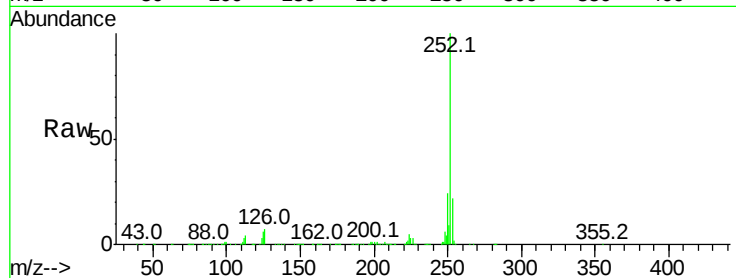
Tot Ion:252 Resp: 1114331

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

125 6.3 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 38.741 ng

RT: 25.11 min Scan# 3713

Delta R.T. -0.03 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

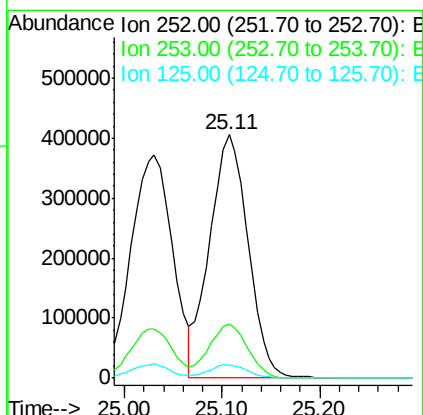
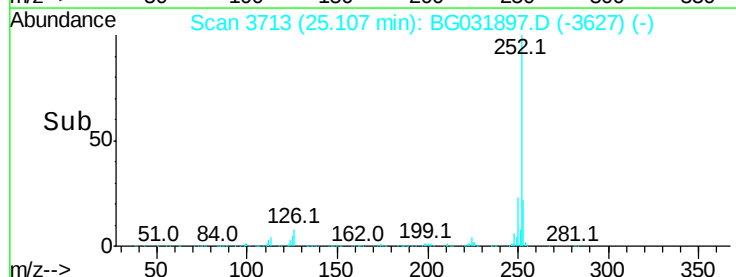
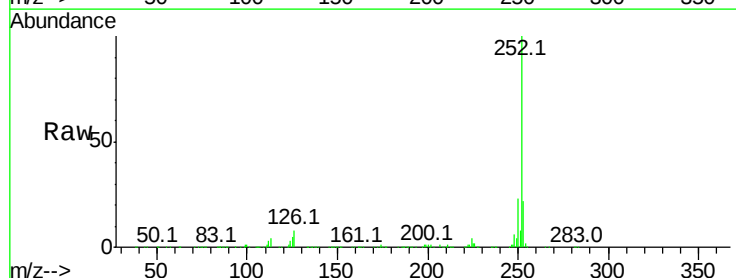
Tgt Ion:252 Resp: 1103659

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 5.3 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 40.150 ng

RT: 26.05 min Scan# 3873

Delta R.T. -0.03 min

Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

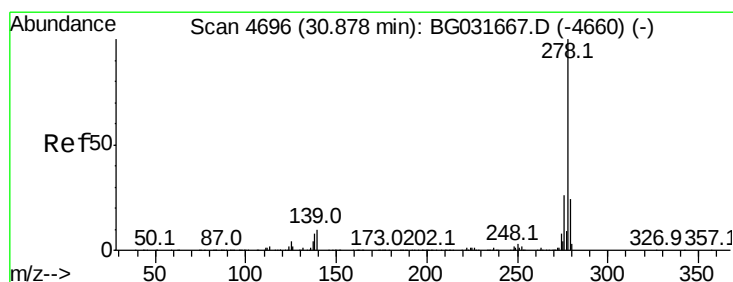
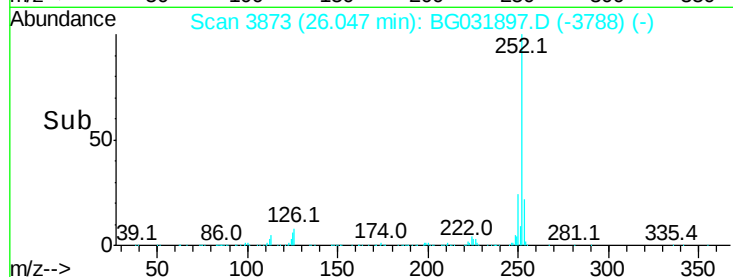
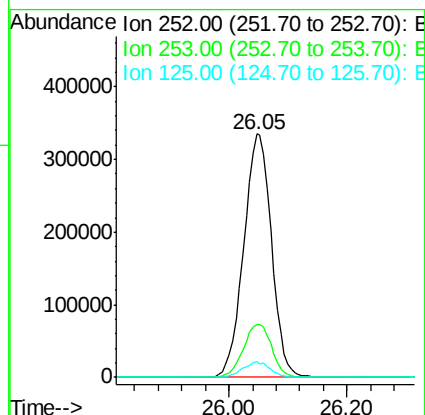
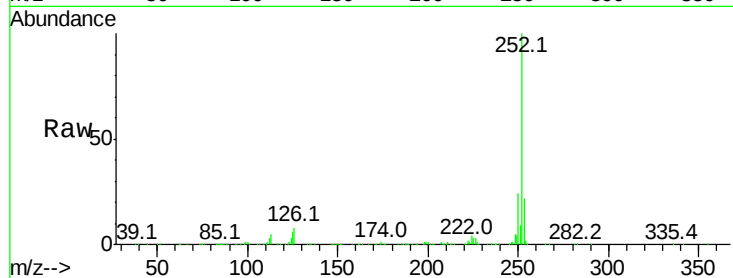
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1094616

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	6.3	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 39.409 ng

RT: 30.65 min Scan# 4656

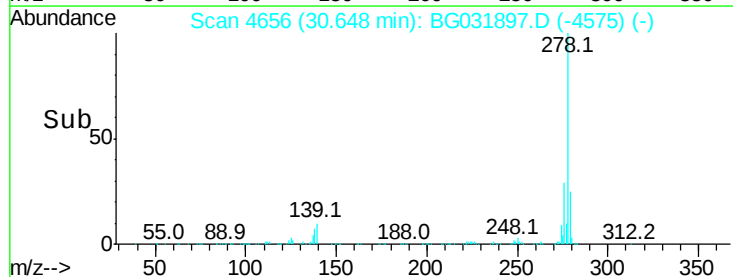
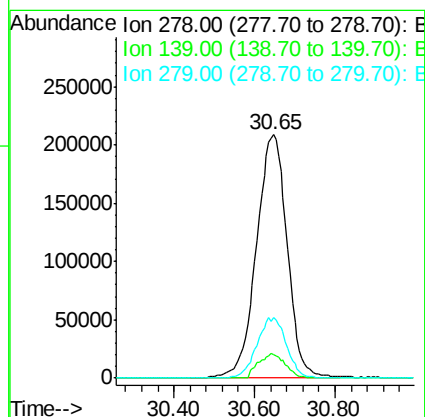
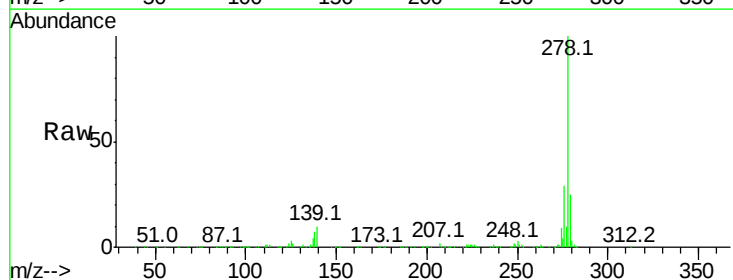
Delta R.T. -0.05 min

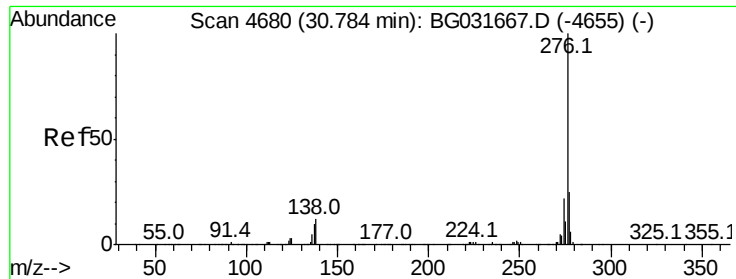
Lab File: BG031897.D

Acq: 3 Jan 2018 19:07

Tgt Ion:278 Resp: 1109618

Ion	Ratio	Lower	Upper
278	100		
139	9.8	9.8	14.6
279	24.8	18.4	27.6

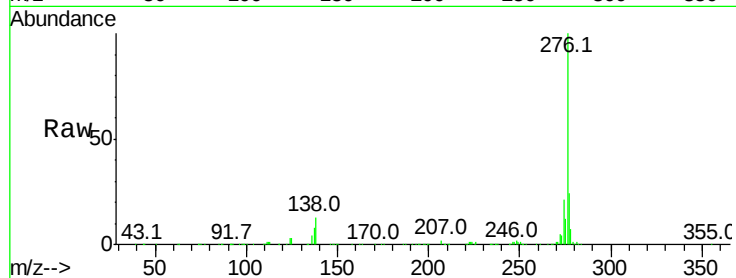




#91
 Benzo(a,h,i)perylene
 Concen: 40.201 ng
 RT: 30.56 min Scan# 4641
 Delta R.T. -0.06 min
 Lab File: BG031897.D
 Acq: 3 Jan 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1336419
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.3 27.5
 138 12.7 13.9 20.9#



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

