

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
 Data File : BG032034.D
 Acq On : 15 Jan 2018 16:22
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 01:27:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	45376	20.00	ng	0.01
21) Naphthalene-d8	11.67	136	189330	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	132459	20.00	ng	0.01
63) Phenanthrene-d10	18.14	188	330370	20.00	ng	0.00
75) Chrysene-d12	22.48	240	414193	20.00	ng	0.00
86) Perylene-d12	26.21	264	449108	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.21	112	194251	78.30	ng	0.01
7) Phenol-d6	7.89	99	256938	82.23	ng	0.01
23) Nitrobenzene-d5	9.98	82	228624	81.70	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	181536	82.82	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	822118	76.96	ng	0.00
78) Terphenyl-d14	20.67	244	1341818	71.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.86	88	37156	38.982	ng	# 73
3) Pyridine	4.32	79	104704	41.154	ng	# 77
4) n-Nitrosodimethylamine	4.22	42	43730	48.925	ng	# 81
6) Aniline	8.08	93	160699	40.774	ng	# 94
8) 2-Chlorophenol	8.33	128	110242	39.709	ng	# 80
9) Benzaldehyde	7.89	77	75688	41.807	ng	# 83
10) Phenol	7.92	94	123222	40.033	ng	# 98
11) bis(2-Chloroethyl)ether	8.17	93	97615	39.585	ng	# 84
12) 1,3-Dichlorobenzene	8.67	146	143140	39.395	ng	# 94
13) 1,4-Dichlorobenzene	8.82	146	144879	39.601	ng	# 93
14) 1,2-Dichlorobenzene	9.15	146	138089	39.025	ng	# 96
15) Benzyl Alcohol	9.02	79	97055	42.756	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	9.31	45	102699	40.979	ng	# 79
17) 2-Methylphenol	9.22	107	94456	40.154	ng	# 99
18) Hexachloroethane	9.91	117	45341	40.326	ng	# 78
19) n-Nitroso-di-n-propylamine	9.60	70	80405	41.473	ng	# 88
20) 3+4-Methylphenols	9.55	107	132259	40.586	ng	# 91
22) Acetophenone	9.63	105	173159	40.264	ng	# 90
24) Nitrobenzene	10.03	77	113357	40.609	ng	# 88
25) Isophorone	10.55	82	212048	40.693	ng	# 87
26) 2-Nitrophenol	10.75	139	61050	36.910	ng	# 85
27) 2,4-Dimethylphenol	10.78	122	101993	38.858	ng	# 93
28) bis(2-Chloroethoxy)methane	11.03	93	122888	39.142	ng	# 96
29) 2,4-Dichlorophenol	11.29	162	131630	40.756	ng	# 89
30) 1,2,4-Trichlorobenzene	11.52	180	165667	39.718	ng	# 97
31) Naphthalene	11.72	128	365899	39.013	ng	# 98
32) Benzoic acid	10.90	122	53968	28.080	ng	# 80
33) 4-Chloroaniline	11.81	127	161394	40.129	ng	# 92
34) Hexachlorobutadiene	11.98	225	119332	39.833	ng	# 92
35) Caprolactam	12.59	113	43730	44.631	ng	# 72
36) 4-Chloro-3-methylphenol	12.88	107	120971	40.921	ng	# 87
37) 2-Methylnaphthalene	13.28	142	287513	38.612	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	222205	38.485	ng	# 96
40) Hexachlorocyclopentadiene	13.60	237	137442	42.263	ng	# 94

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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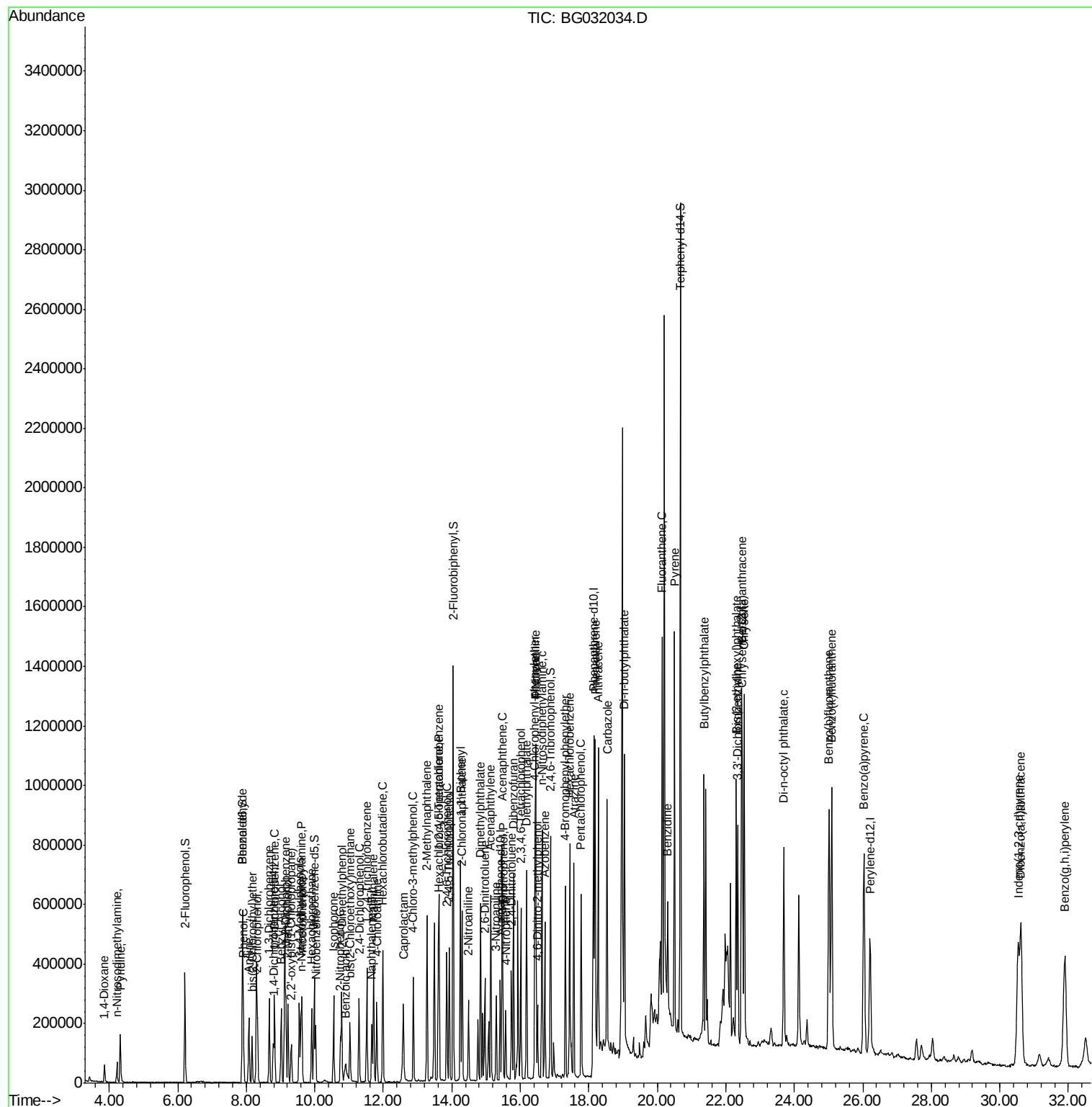
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	131959	40.675	nq	97
43) 2,4,5-Trichlorophenol	13.92	196	153107	40.772	nq	# 93
45) 1,1'-Biphenyl	14.25	154	433690	38.192	nq	97
46) 2-Chloronaphthalene	14.30	162	333569	37.761	nq	96
47) 2-Nitroaniline	14.49	65	73128	43.242	nq	# 73
48) Acenaphthylene	15.14	152	520038	38.659	nq	98
49) Dimethylphthalate	14.84	163	453795	39.150	nq	# 98
50) 2,6-Dinitrotoluene	14.97	165	92853	38.593	nq	# 71
51) Acenaphthene	15.47	154	345316	38.821	nq	98
52) 3-Nitroaniline	15.30	138	86538	39.824	nq	# 74
53) 2,4-Dinitrophenol	15.50	184	40265	37.422	nq	# 62
54) Dibenzofuran	15.80	168	522475	39.375	nq	97
55) 4-Nitrophenol	15.57	139	67944	42.904	nq	# 77
56) 2,4-Dinitrotoluene	15.74	165	134480	41.517	nq	# 67
57) Fluorene	16.45	166	423008	38.870	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.01	232	147138	42.356	nq	# 88
59) Diethylphthalate	16.18	149	446941	39.773	nq	97
60) 4-Chlorophenyl-phenylether	16.42	204	263328	39.445	nq	93
61) 4-Nitroaniline	16.45	138	92714	44.478	nq	90
62) Azobenzene	16.72	77	278872	39.650	nq	87
64) 4,6-Dinitro-2-methylphenol	16.50	198	80493	39.076	nq	# 70
65) n-Nitrosodiphenylamine	16.64	169	398772	39.778	nq	99
66) 4-Bromophenyl-phenylether	17.32	248	184083	39.162	nq	96
67) Hexachlorobenzene	17.44	284	199550	38.372	nq	# 91
68) Atrazine	17.56	200	179497	42.576	nq	98
69) Pentachlorophenol	17.78	266	149925	45.103	nq	98
70) Phenanthrene	18.19	178	704321	38.291	nq	99
71) Anthracene	18.28	178	719882	39.240	nq	99
72) Carbazole	18.53	167	645258	40.545	nq	98
73) Di-n-butylphthalate	19.04	149	724889	38.547	nq	100
74) Fluoranthene	20.14	202	888271	38.570	nq	95
76) Benzidine	20.30	184	239699	23.143	nq	# 93
77) Pyrene	20.50	202	928303	35.652	nq	97
79) Butylbenzylphthalate	21.37	149	340875	36.539	nq	# 78
80) Benzo(a)anthracene	22.46	228	987590	38.340	nq	99
81) 3,3'-Dichlorobenzidine	22.35	252	366774	38.116	nq	# 93
82) Chrysene	22.53	228	947307	38.294	nq	98
83) Bis(2-ethylhexyl)phthalate	22.31	149	513244	37.517	nq	# 97
84) Di-n-octyl phthalate	23.69	149	809151	37.241	nq	# 90
85) Indeno(1,2,3-cd)pyrene	30.54	276	1175845	38.840	nq	# 83
87) Benzo(b)fluoranthene	25.01	252	1055114	38.868	nq	# 97
88) Benzo(k)fluoranthene	25.09	252	1005831	37.918	nq	# 97
89) Benzo(a)pyrene	26.03	252	980149	38.169	nq	# 97
90) Dibenzo(a,h)anthracene	30.62	278	953565	38.535	nq	# 96
91) Benzo(g,h,i)perylene	31.90	276	980059	38.749	nq	# 94

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

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
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Instrument :
BNA_G
ClientSampleId :

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.79 min Scan# 936

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

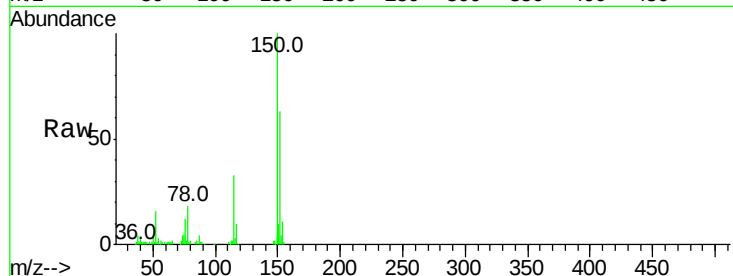
Tot Ion:152 Resp: 45376

Ion Ratio Lower Upper

152 100

150 157.9 126.6 189.8

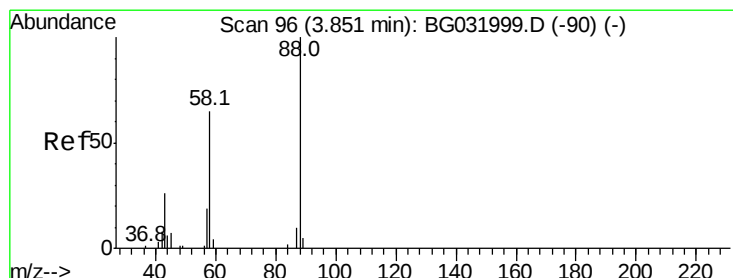
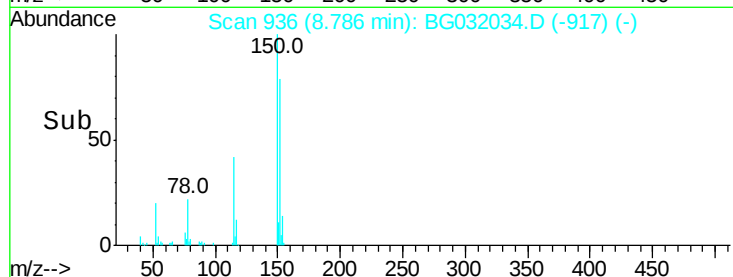
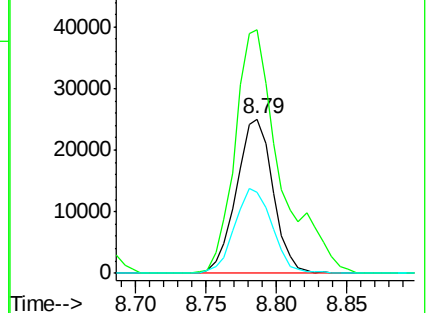
115 52.6 53.0 79.4#



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



#2

1,4-Dioxane

Concen: 38.982 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

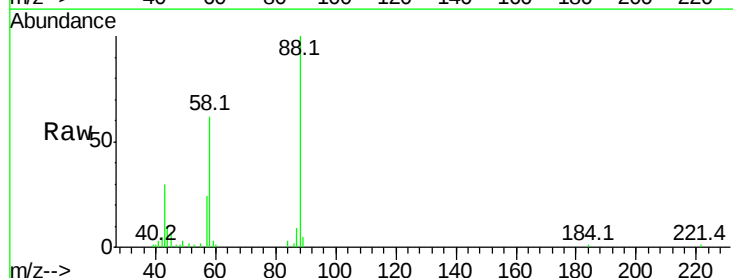
Tgt Ion: 88 Resp: 37156

Ion Ratio Lower Upper

88 100

58 65.4 79.6 119.4#

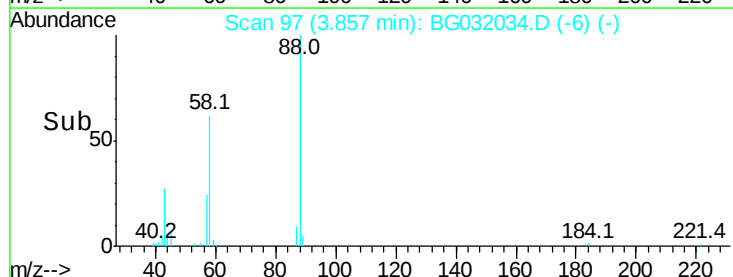
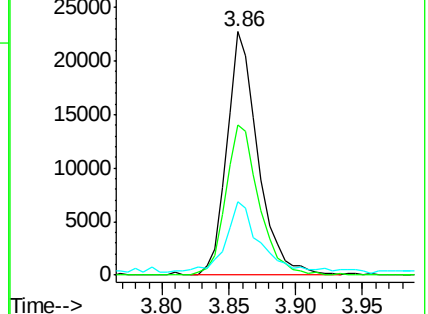
43 30.2 27.4 41.0

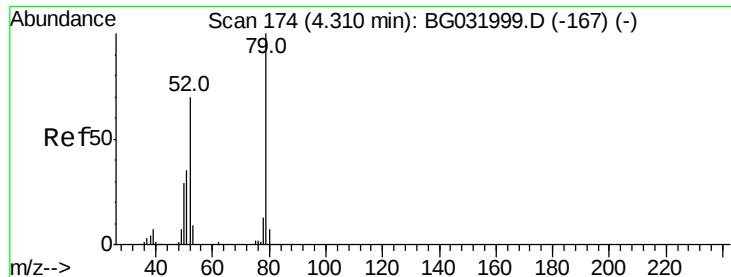


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

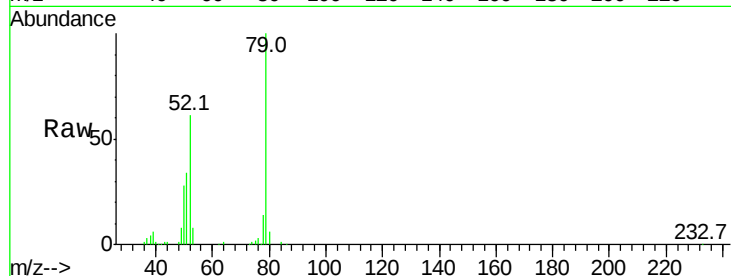




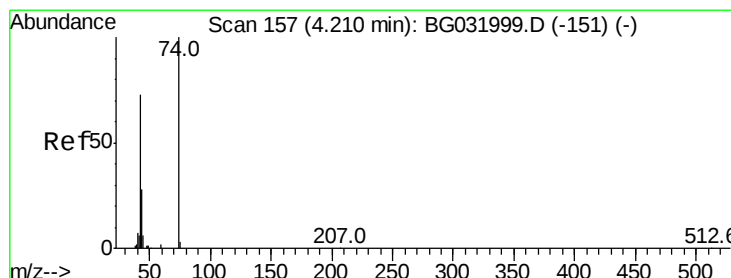
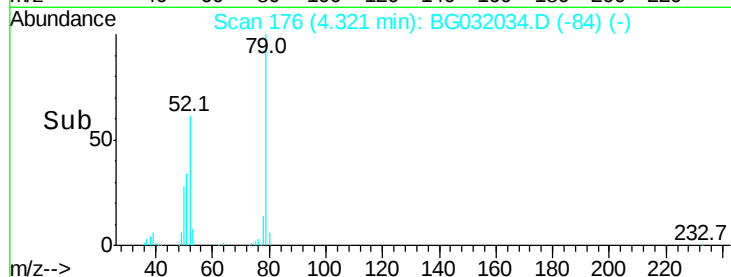
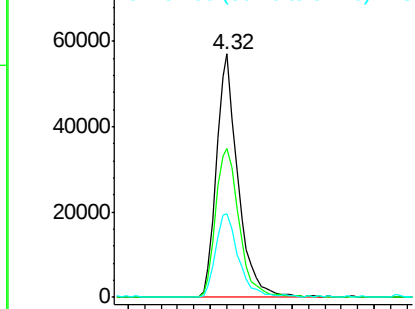
#3
Pvridine
Concen: 41.154 ng
RT: 4.32 min Scan# 176
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 79 Resp: 104704
Ion Ratio Lower Upper
79 100
52 61.0 69.9 104.9#
51 34.3 34.0 51.0

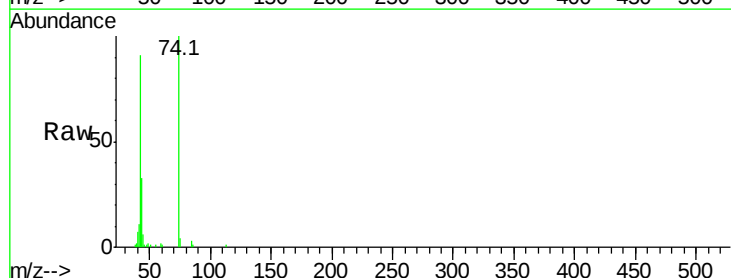


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

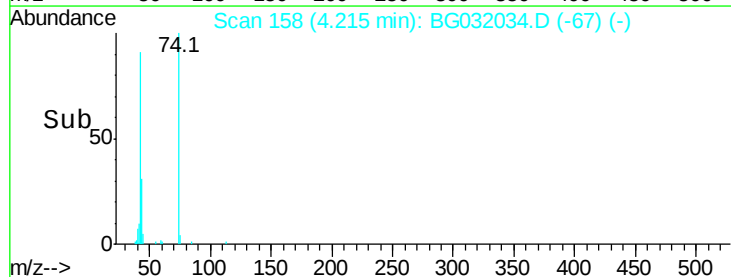
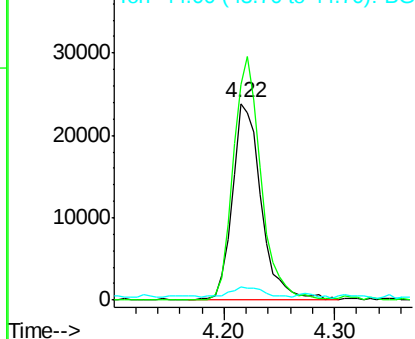


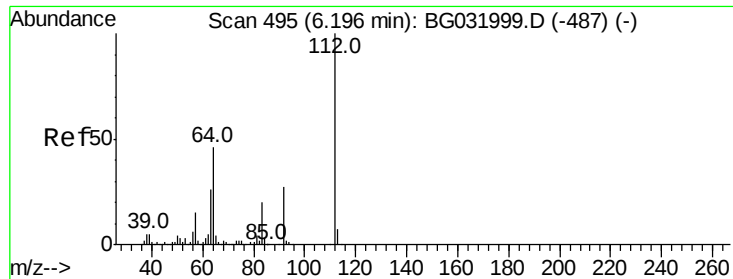
#4
n-Nitrosodimethylamine
Concen: 48.925 ng
RT: 4.22 min Scan# 158
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Tgt Ion: 42 Resp: 43730
Ion Ratio Lower Upper
42 100
74 110.0 102.5 153.7
44 6.8 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 78.295 ng

RT: 6.21 min Scan# 497

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampled :

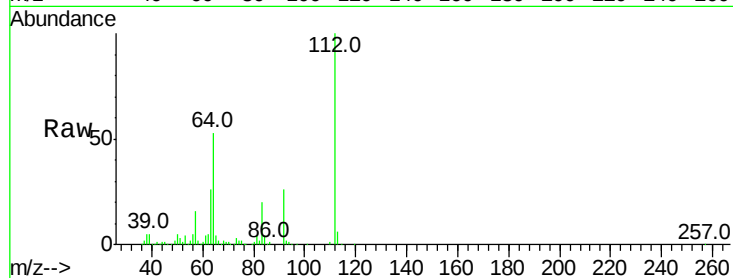
Tot Ion:112 Resp: 194251

Ion Ratio Lower Upper

112 100

64 52.8 56.3 84.5#

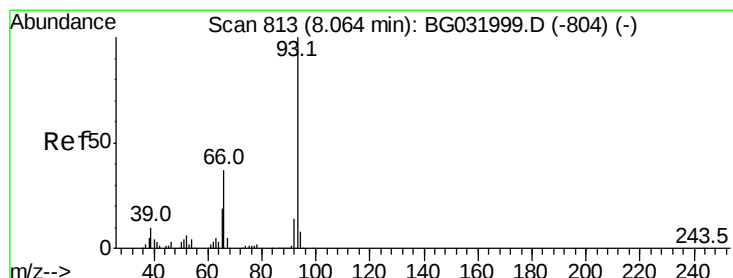
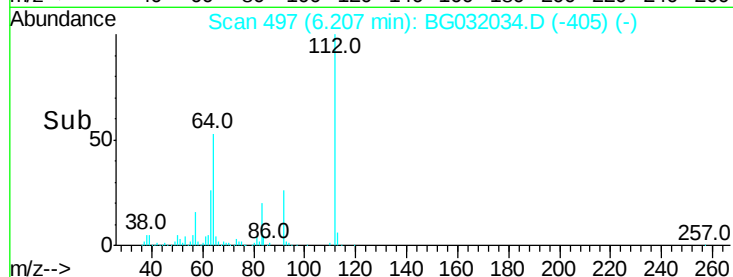
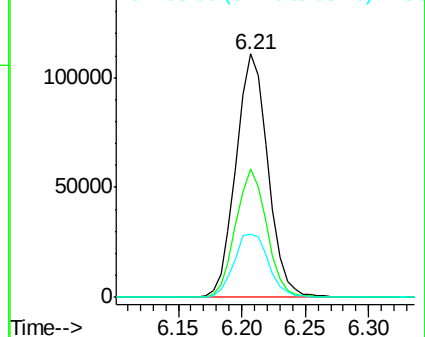
63 25.7 30.1 45.1#



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: 40.774 ng

RT: 8.08 min Scan# 815

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

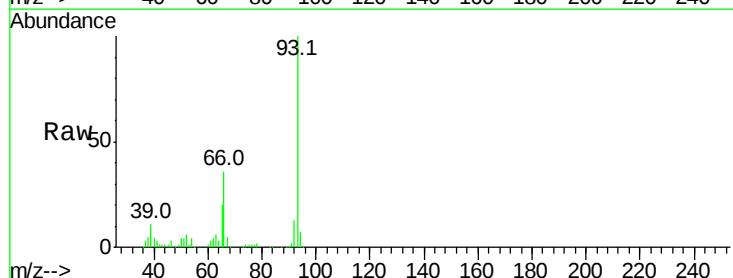
Tgt Ion: 93 Resp: 160699

Ion Ratio Lower Upper

93 100

66 36.3 33.7 50.5

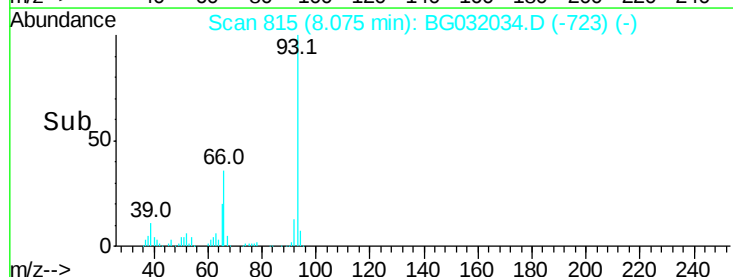
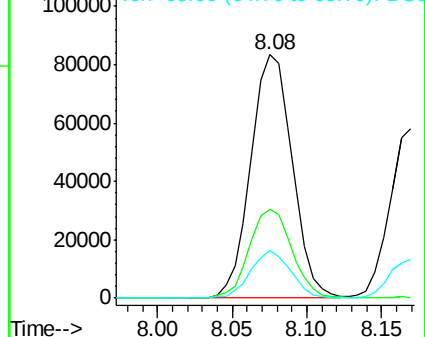
65 19.7 16.1 24.1

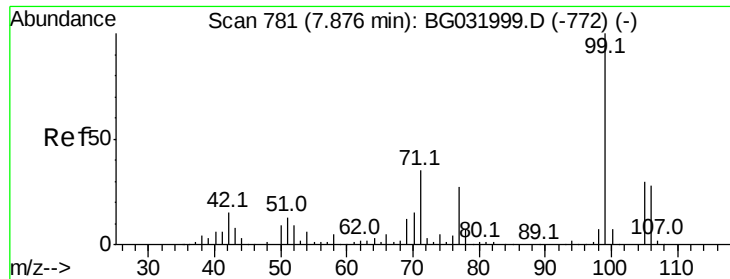


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.229 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

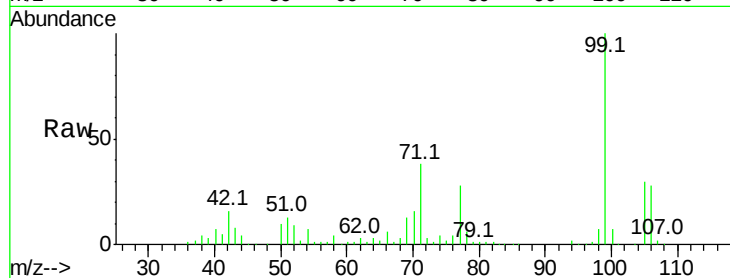
Tot Ion: 99 Resp: 256938

Ion Ratio Lower Upper

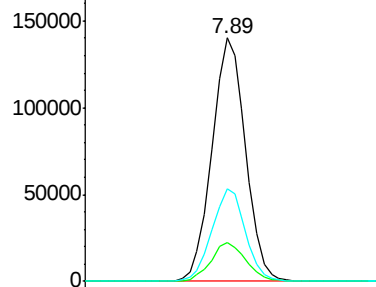
99 100

42 15.8 14.1 21.1

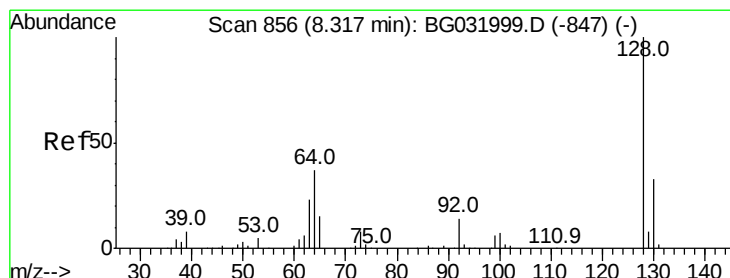
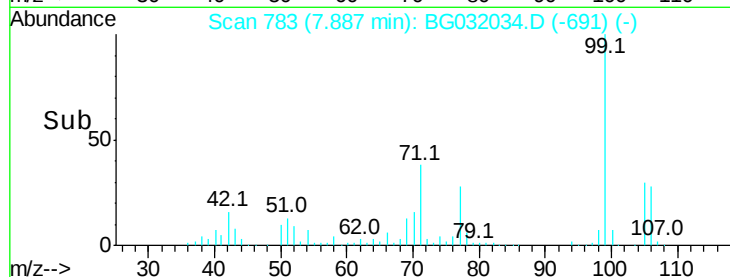
71 38.2 26.1 39.1



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



Time-->



#8

2-Chlorophenol

Concen: 39.709 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

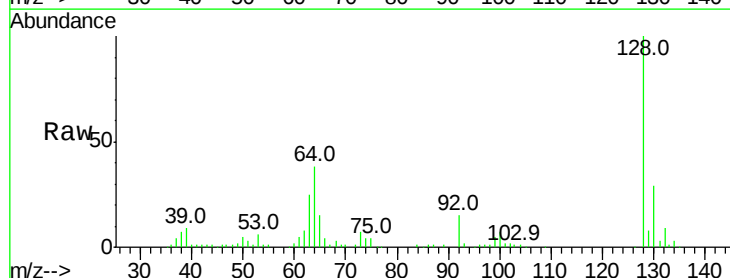
Tgt Ion: 128 Resp: 110242

Ion Ratio Lower Upper

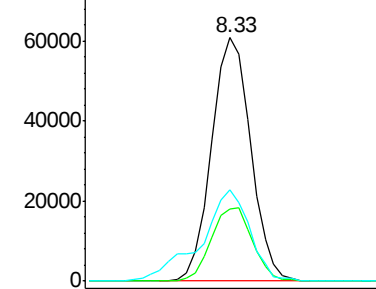
128 100

130 29.5 14.0 54.0

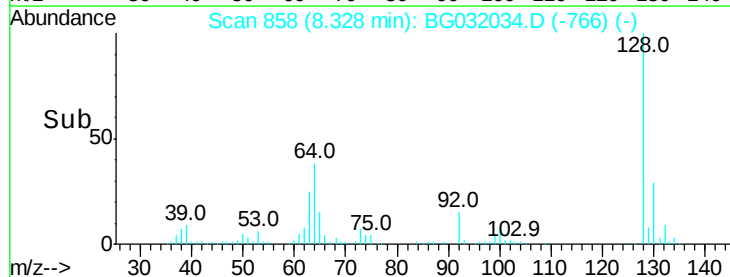
64 37.5 37.7 77.7#

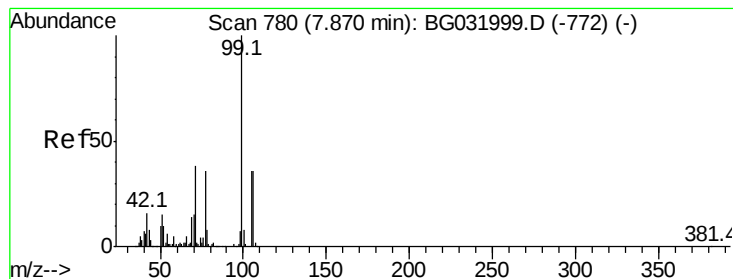


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 41.807 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.02 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampled :

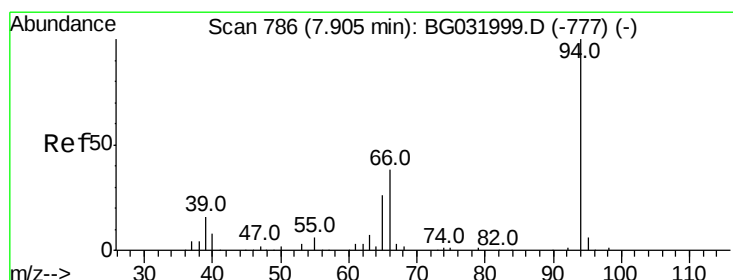
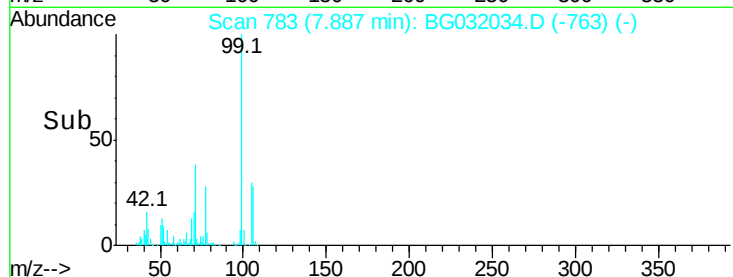
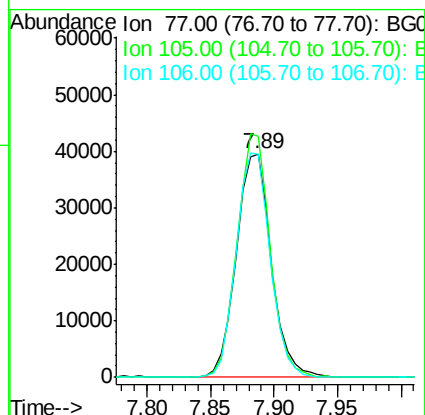
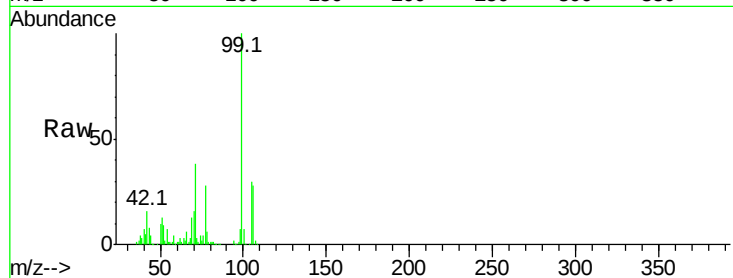
Tot Ion: 77 Resp: 75688

Ion Ratio Lower Upper

77 100

105 107.9 71.3 111.3

106 99.7 64.2 104.2



#10

Phenol

Concen: 40.033 ng

RT: 7.92 min Scan# 788

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

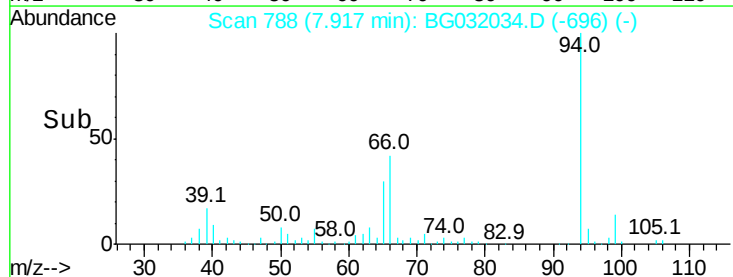
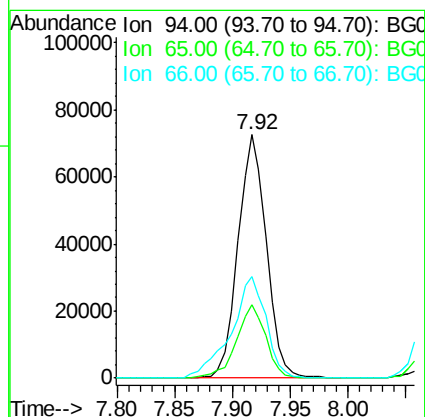
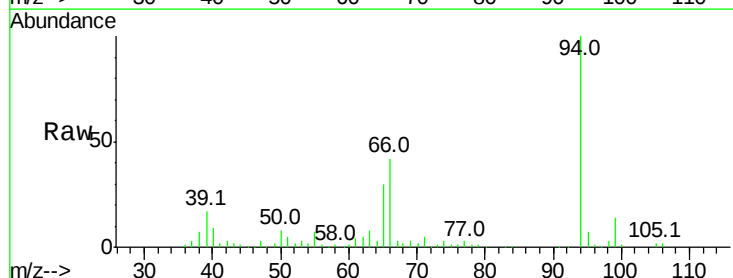
Tgt Ion: 94 Resp: 123222

Ion Ratio Lower Upper

94 100

65 30.0 11.9 51.9

66 41.8 22.2 62.2

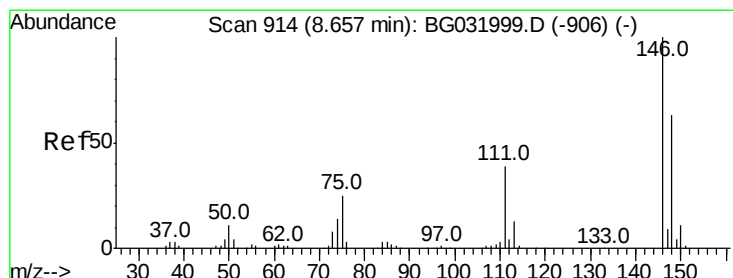
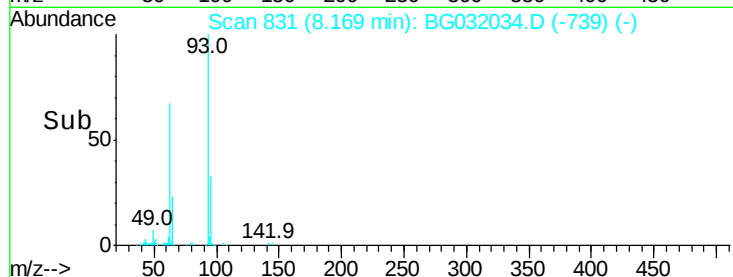
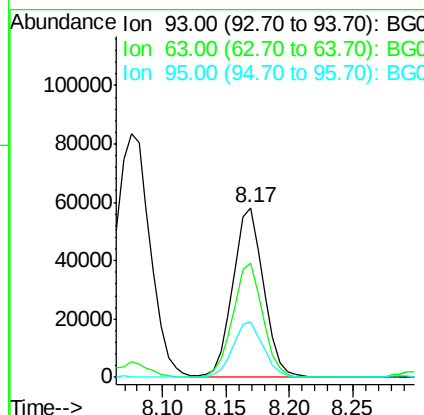
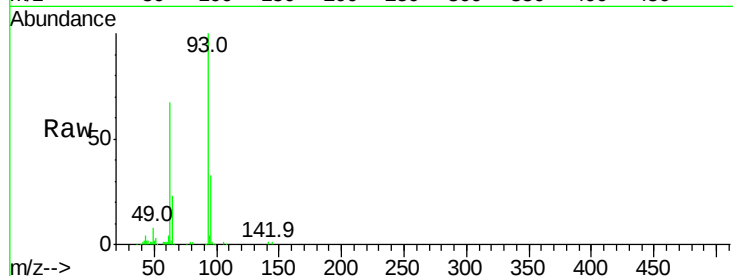




#11
bis(2-Chloroethyl)ether
Concen: 39.585 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

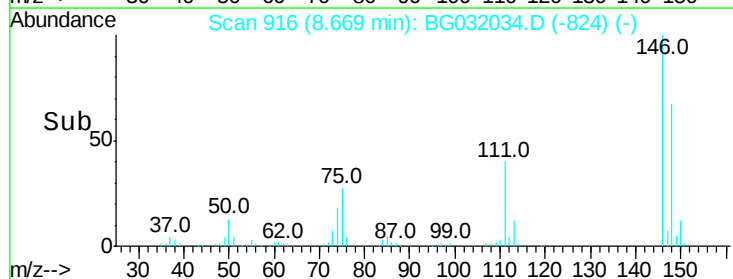
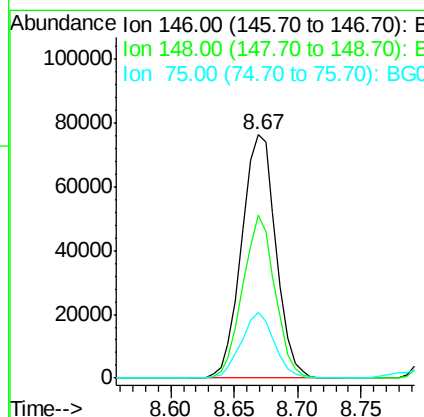
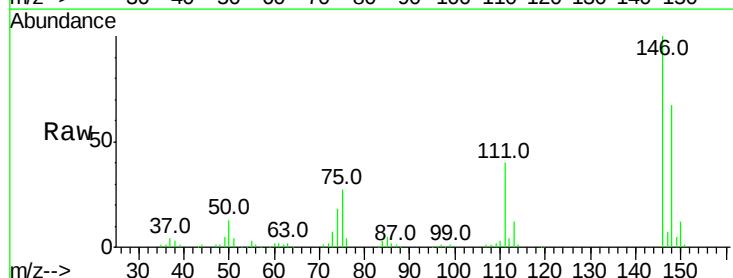
Instrument :
BNA_G
ClientSampleId :

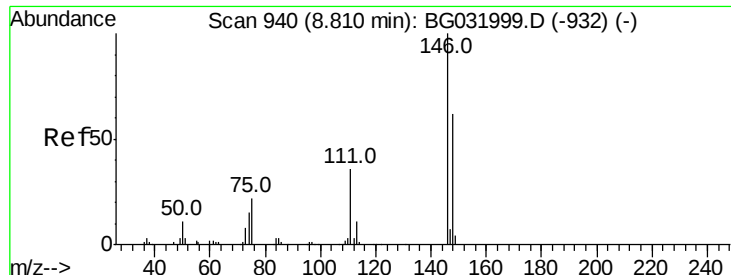
Tot Ion: 93 Resp: 97615
Ion Ratio Lower Upper
93 100
63 67.4 67.1 107.1
95 33.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 39.395 ng
RT: 8.67 min Scan# 916
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Tgt Ion: 146 Resp: 143140
Ion Ratio Lower Upper
146 100
148 66.8 51.4 77.2
75 27.2 26.6 39.8

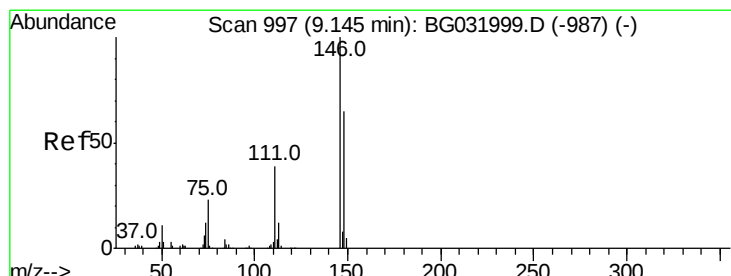
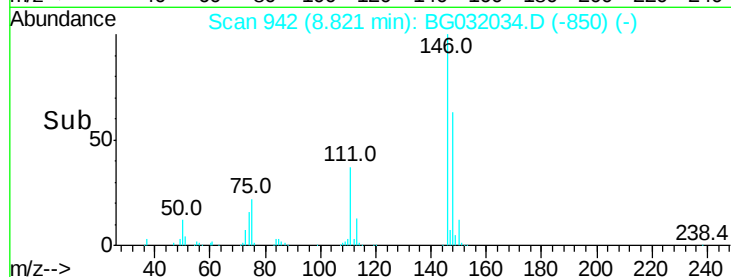
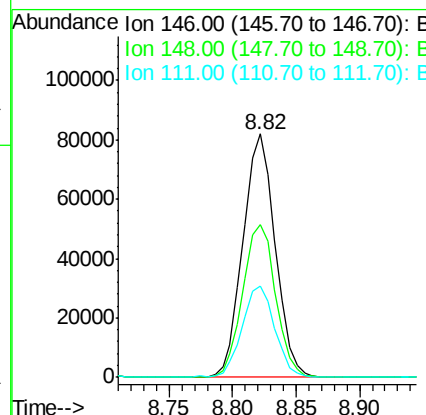
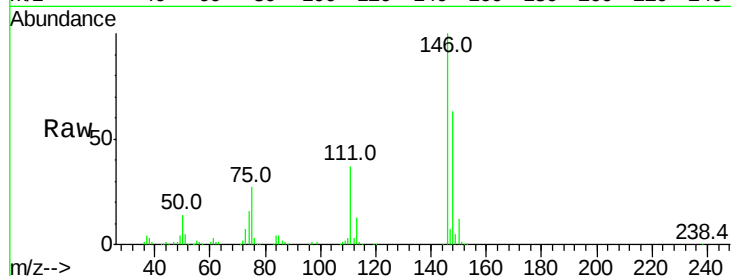




#13
 1,4-Dichlorobenzene
 Concen: 39.601 ng
 RT: 8.82 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

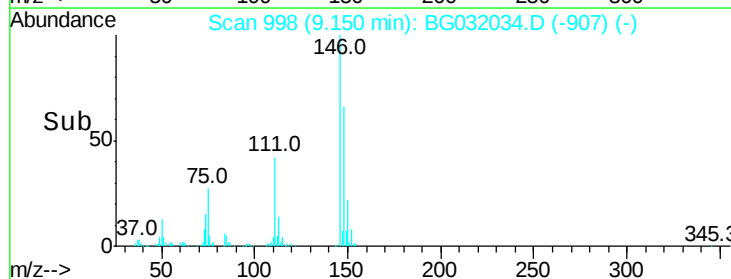
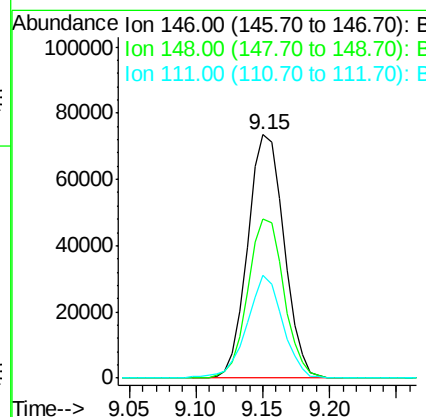
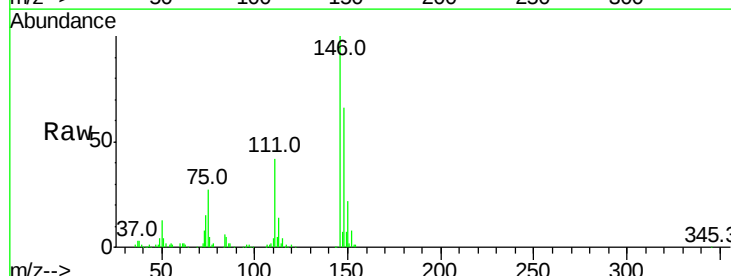
Instrument :
 BNA_G
 ClientSampleId :

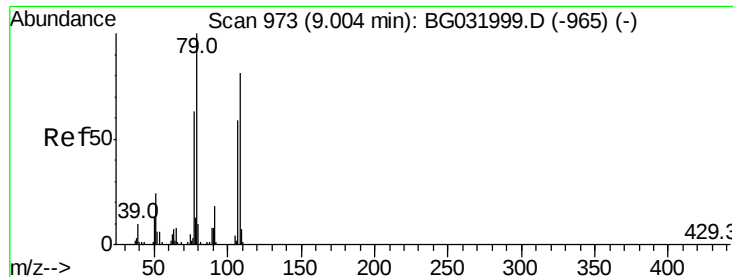
Tot Ion:146 Resp: 144879
 Ion Ratio Lower Upper
 146 100
 148 62.8 53.7 80.5
 111 37.4 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 39.025 ng
 RT: 9.15 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

Tgt Ion:146 Resp: 138089
 Ion Ratio Lower Upper
 146 100
 148 65.5 49.3 73.9
 111 42.0 34.3 51.5





#15

Benzyl Alcohol

Concen: 42.756 ng

RT: 9.02 min Scan# 975

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

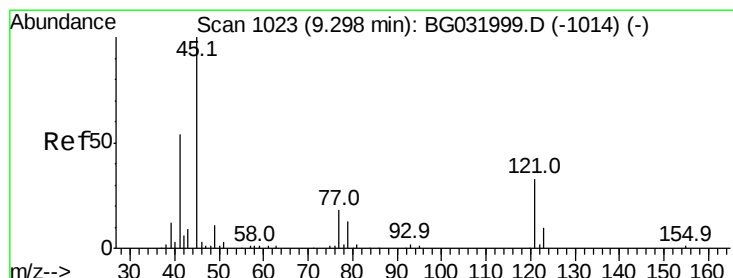
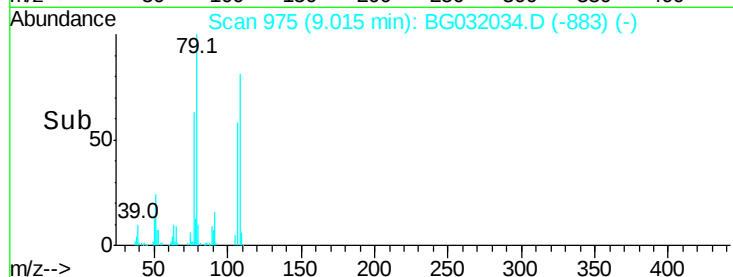
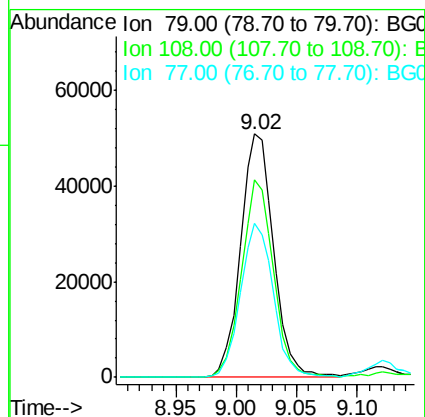
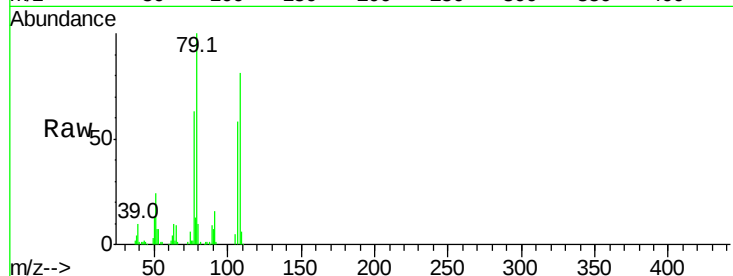
Tot Ion: 79 Resp: 97055

Ion Ratio Lower Upper

79 100

108 80.9 57.2 85.8

77 63.2 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.979 ng

RT: 9.31 min Scan# 1026

Delta R.T. 0.02 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

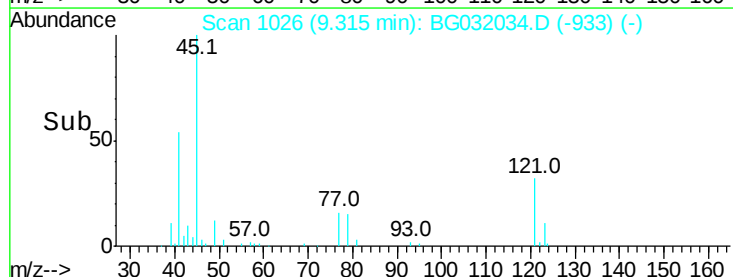
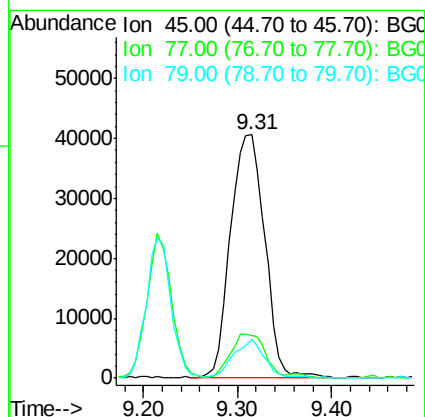
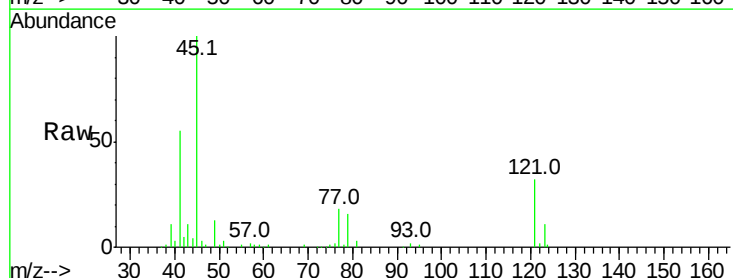
Tgt Ion: 45 Resp: 102699

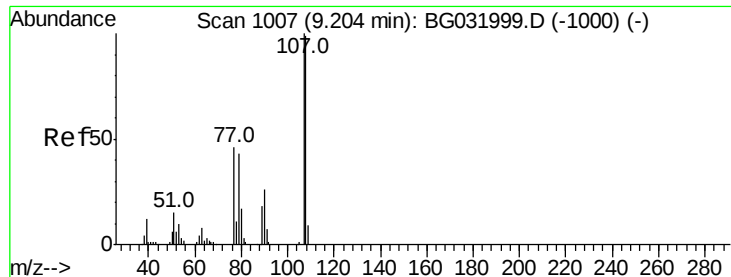
Ion Ratio Lower Upper

45 100

77 17.6 0.0 30.2

79 15.8 0.0 27.9

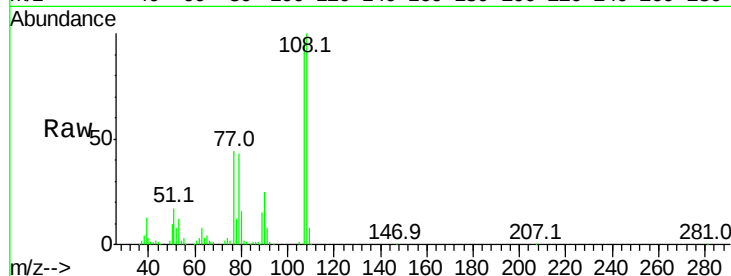




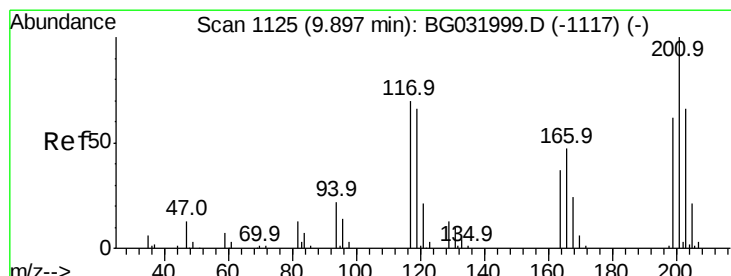
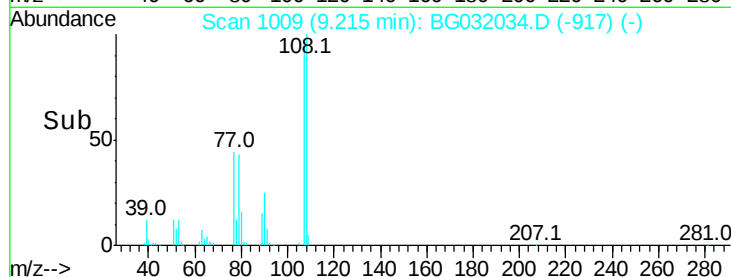
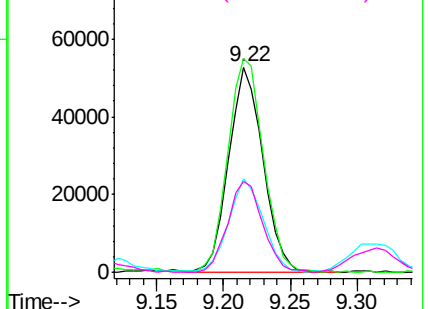
#17
2-Methylphenol
Concen: 40.154 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 94456
Ion Ratio Lower Upper
107 100
108 104.3 83.9 125.9
77 45.8 37.2 55.8
79 44.4 36.2 54.2

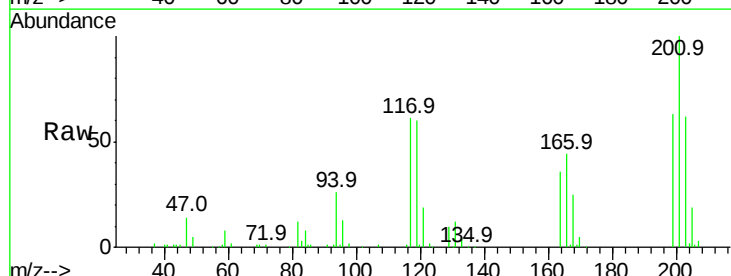


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

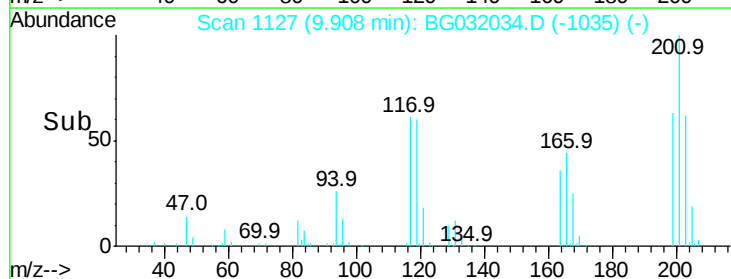
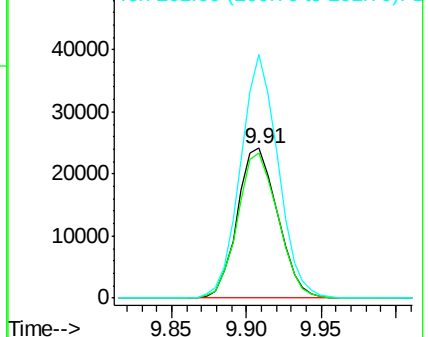


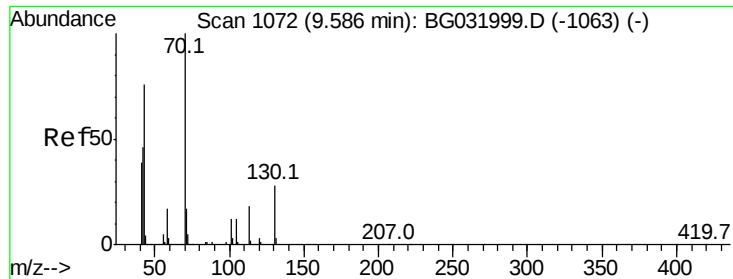
#18
Hexachloroethane
Concen: 40.326 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Tgt Ion:117 Resp: 45341
Ion Ratio Lower Upper
117 100
119 97.0 76.7 115.1
201 162.7 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

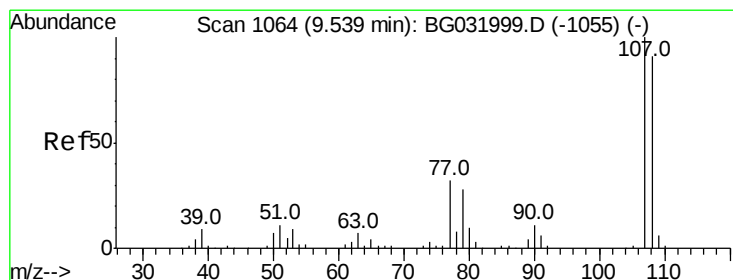
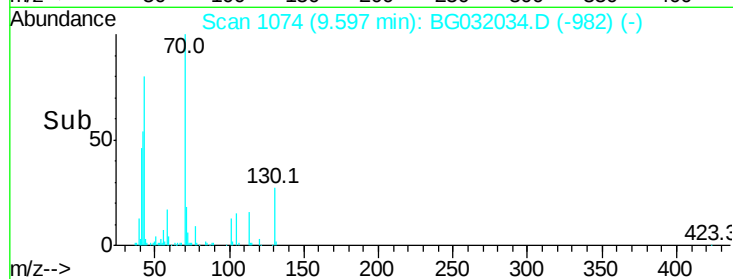
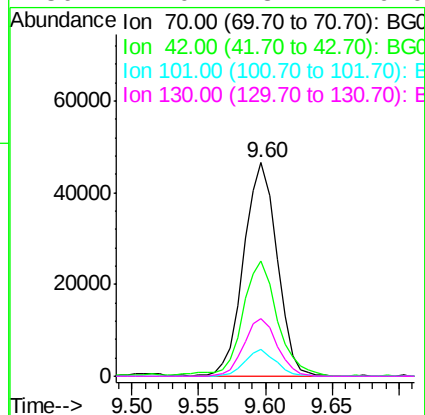
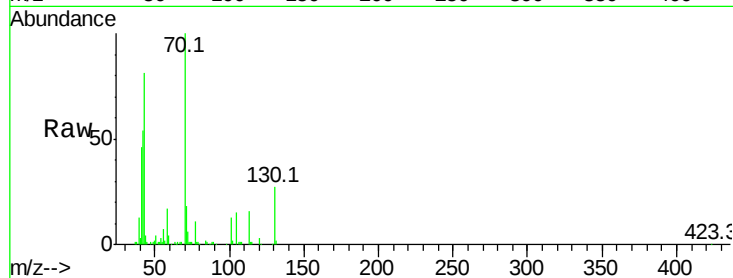




#19
n-Nitroso-di-n-propylamine
Concen: 41.473 ng
RT: 9.60 min Scan# 1074
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

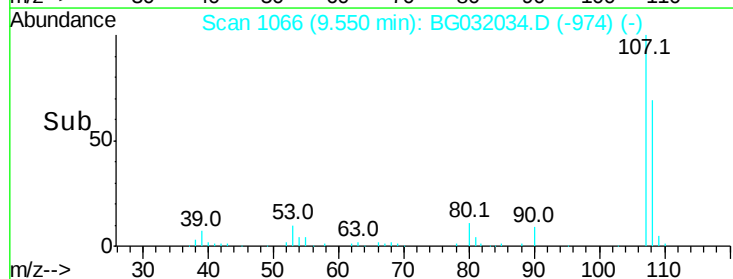
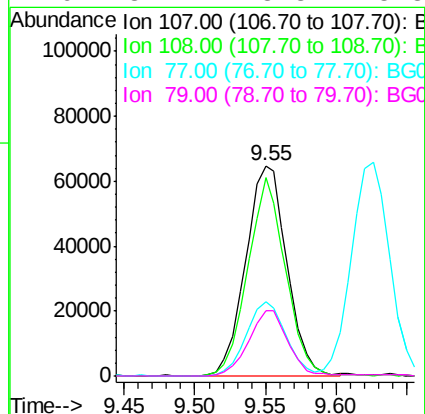
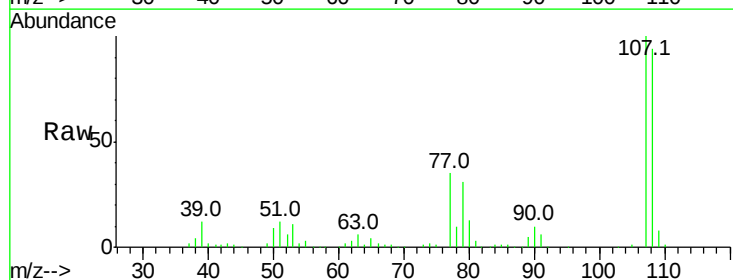
Instrument :
BNA_G
ClientSampleId :

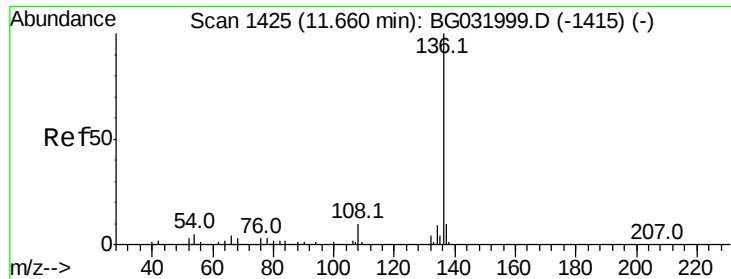
Tot Ion: 70 Resp: 80405
Ion Ratio Lower Upper
70 100
42 53.7 49.1 73.7
101 12.5 8.5 12.7
130 27.0 13.4 20.0#



#20
3+4-Methylphenols
Concen: 40.586 ng
RT: 9.55 min Scan# 1066
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Tgt Ion: 107 Resp: 132259
Ion Ratio Lower Upper
107 100
108 94.2 61.6 101.6
77 35.1 13.9 53.9
79 31.2 8.8 48.8

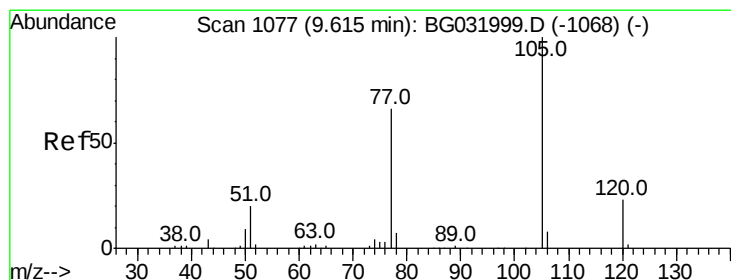
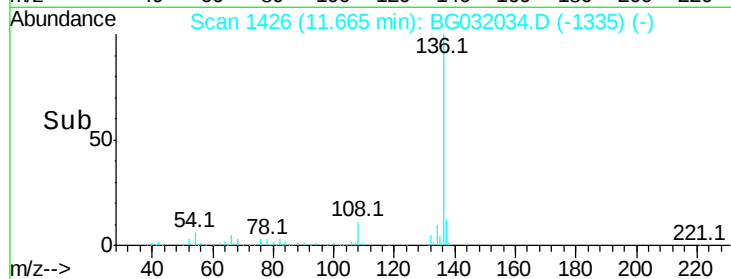
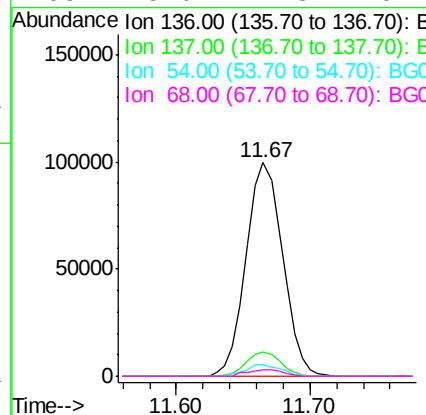
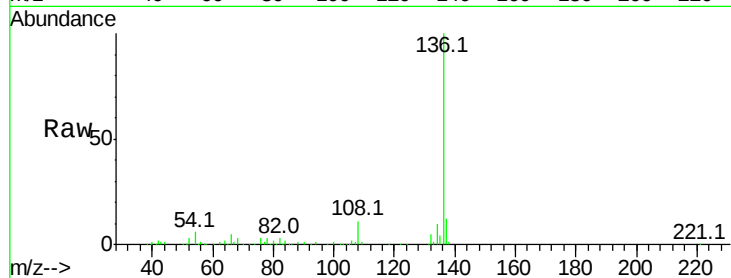




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

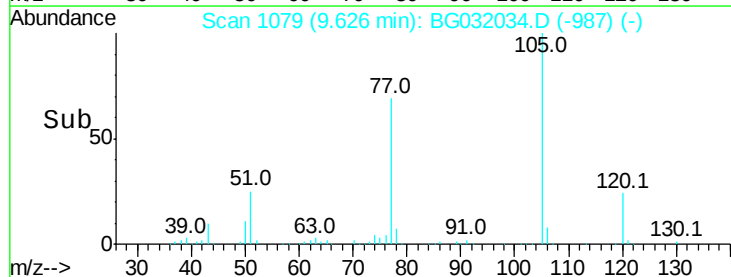
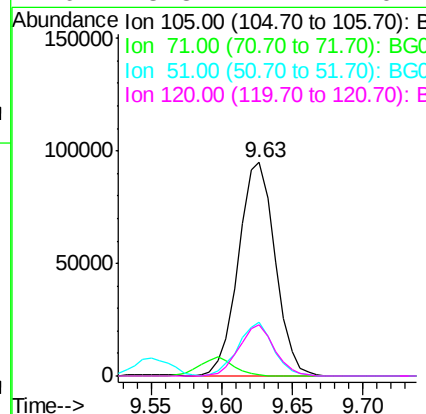
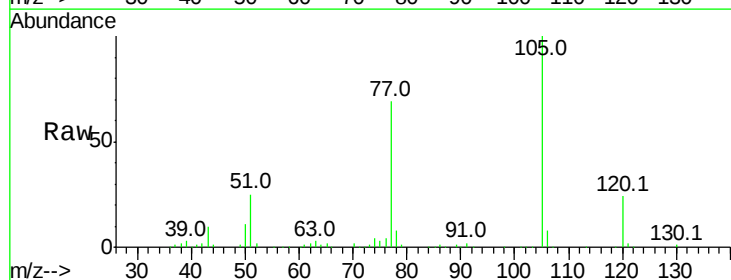
Instrument :
BNA_G
ClientSampleId :

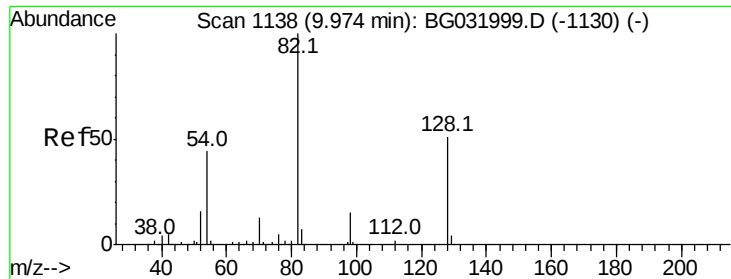
Tot Ion:	136	Resp:	189330
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	5.6	10.3	15.5#
68	3.0	4.5	6.7#



#22
Acetophenone
Concen: 40.264 ng
RT: 9.63 min Scan# 1079
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Tgt Ion:	105	Resp:	173159
Ion	Ratio	Lower	Upper
105	100		
71	0.4	3.0	4.4#
51	24.9	26.1	39.1#
120	23.8	17.4	26.2

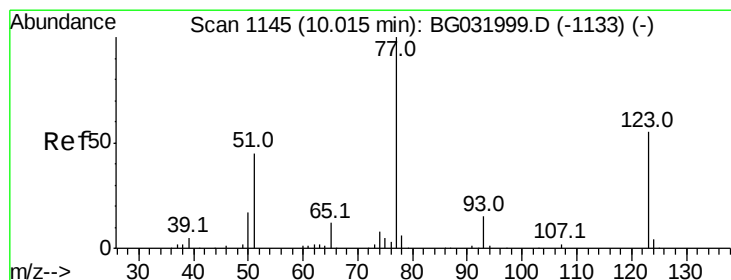
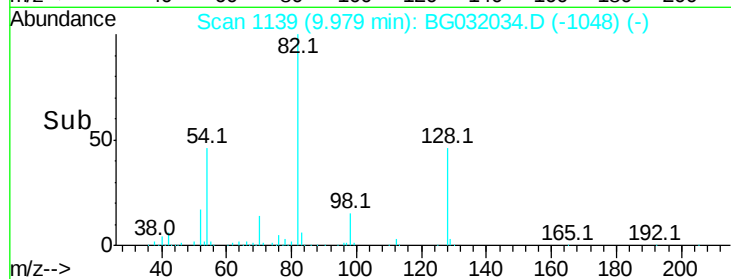
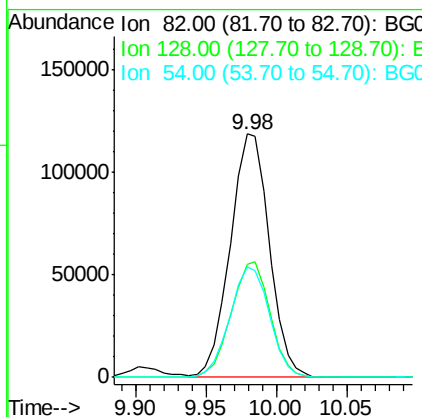
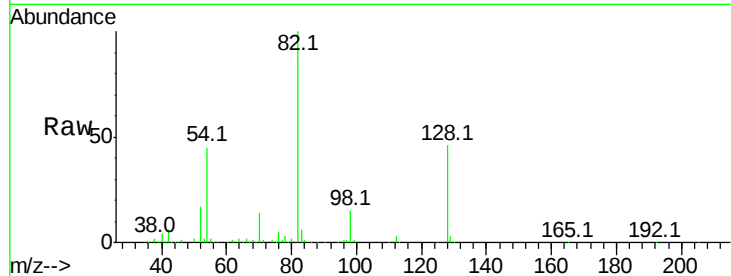




#23
 Nitrobenzene-d5
 Concen: 81.695 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

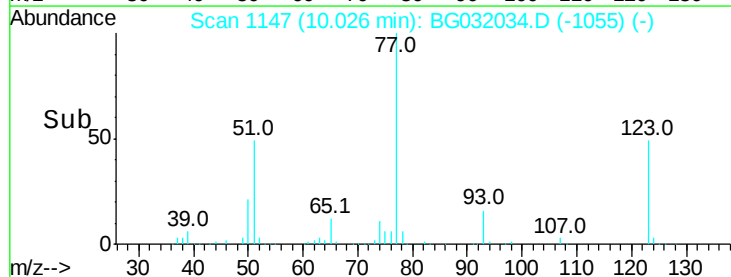
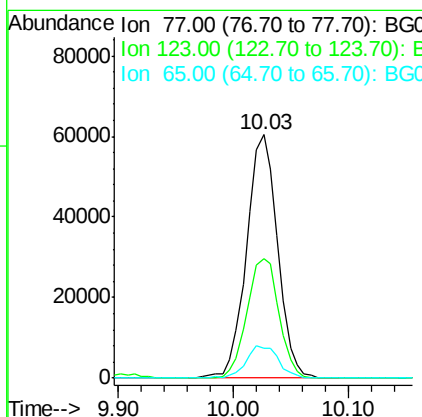
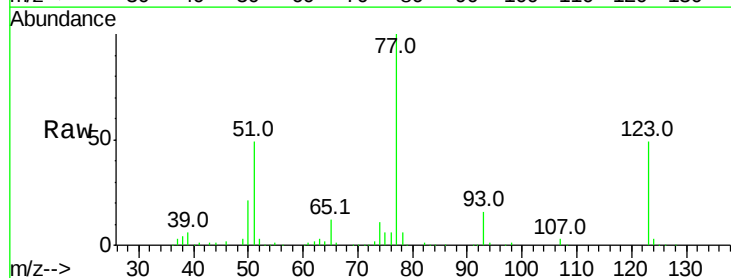
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 228624
 Ion Ratio Lower Upper
 82 100
 128 46.4 29.7 44.5#
 54 45.4 43.1 64.7



#24
 Nitrobenzene
 Concen: 40.609 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

Tgt Ion: 77 Resp: 113357
 Ion Ratio Lower Upper
 77 100
 123 49.2 33.0 49.6
 65 12.5 13.0 19.6#





#25

Isophorone

Concen: 40.693 ng

RT: 10.55 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

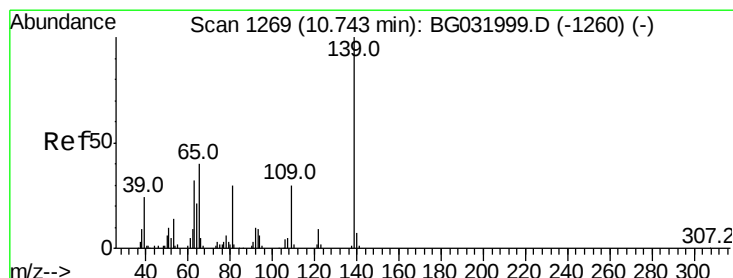
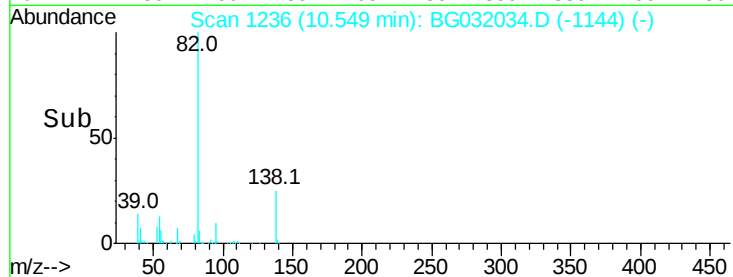
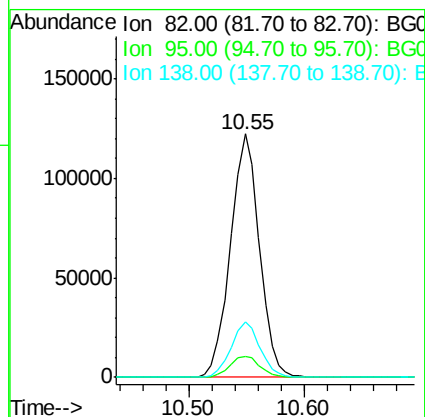
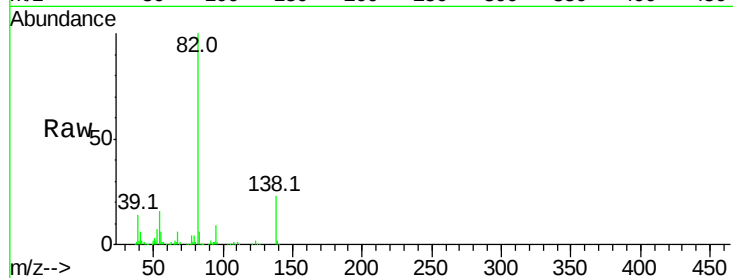
Tot Ion: 82 Resp: 212048

Ion Ratio Lower Upper

82 100

95 8.7 6.2 9.2

138 22.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 36.910 ng

RT: 10.75 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

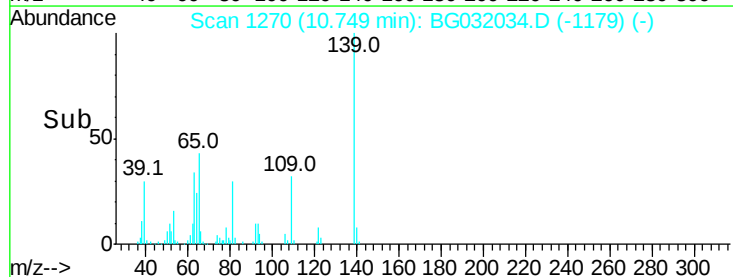
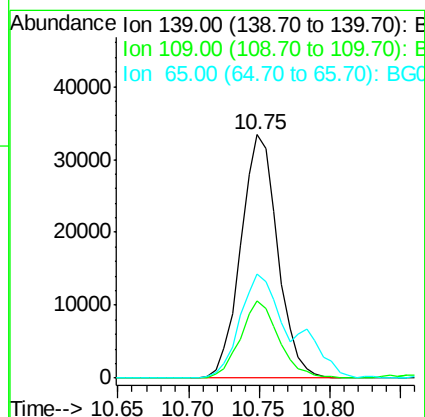
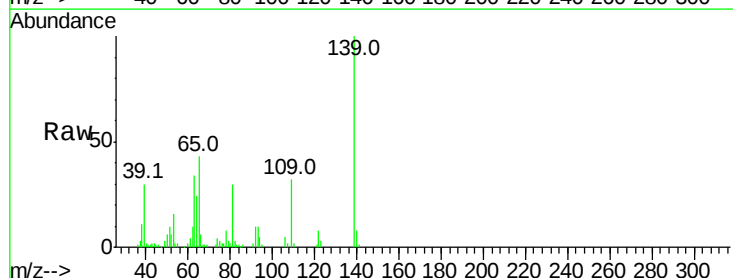
Tgt Ion: 139 Resp: 61050

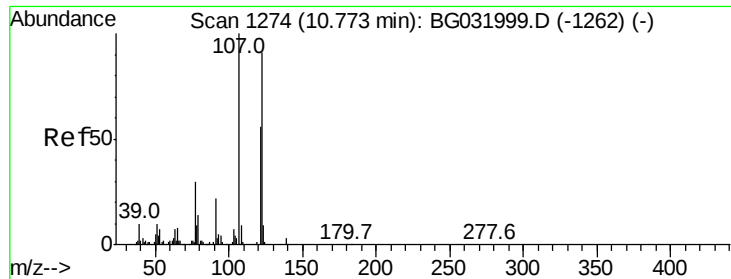
Ion Ratio Lower Upper

139 100

109 31.7 24.2 36.2

65 42.9 47.4 71.0#

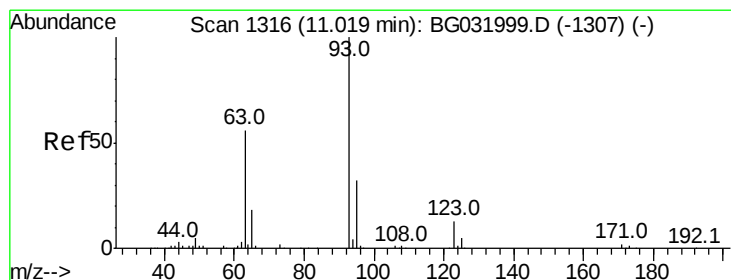
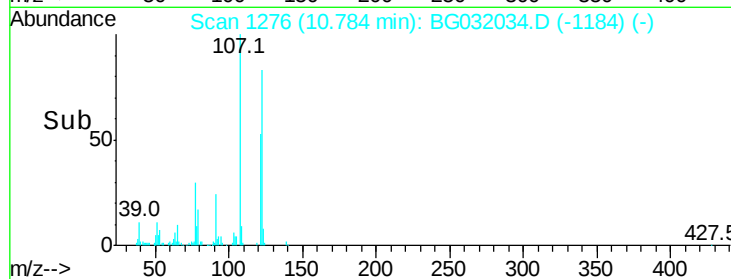
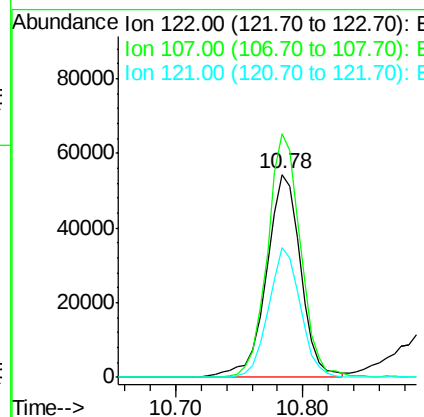
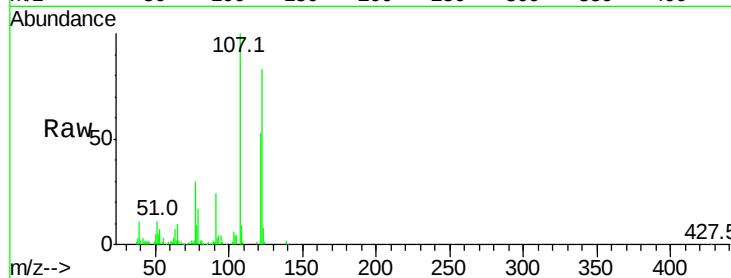




#27
 2,4-Dimethylphenol
 Concen: 38.858 ng
 RT: 10.78 min Scan# 1276
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

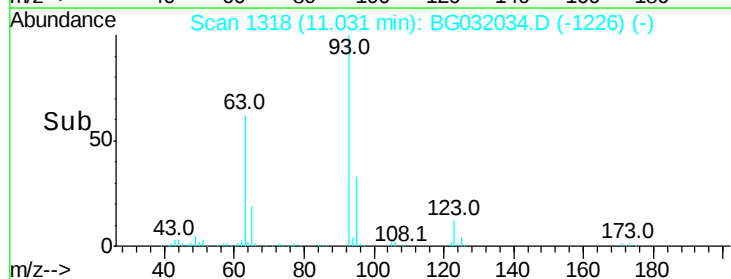
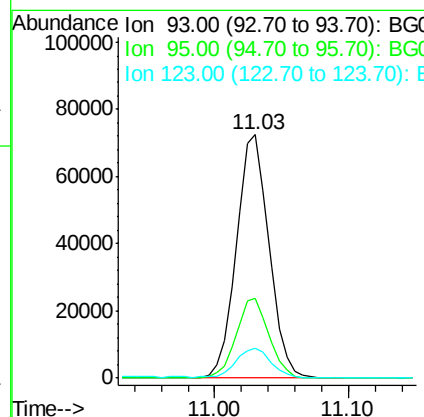
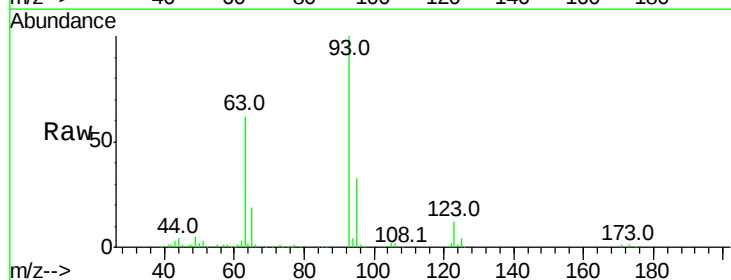
Instrument :
 BNA_G
 ClientSampled :

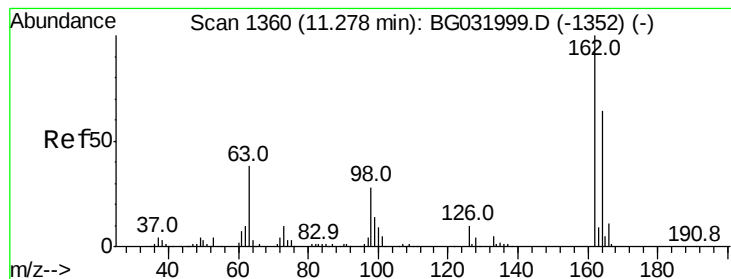
Tot Ion:122 Resp: 101993
 Ion Ratio Lower Upper
 122 100
 107 119.8 100.2 150.2
 121 63.9 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.142 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

Tgt Ion: 93 Resp: 122888
 Ion Ratio Lower Upper
 93 100
 95 32.5 24.3 36.5
 123 12.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 40.756 ng

RT: 11.29 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampled :

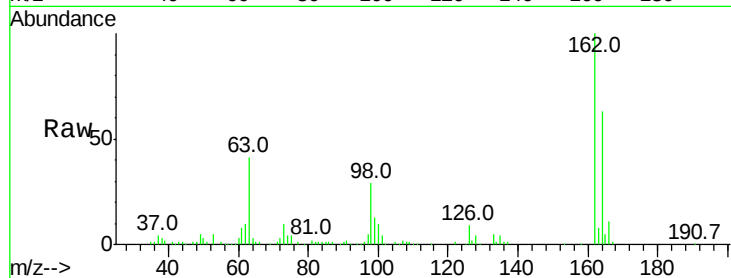
Tot Ion:162 Resp: 131630

Ion Ratio Lower Upper

162 100

164 63.4 48.0 88.0

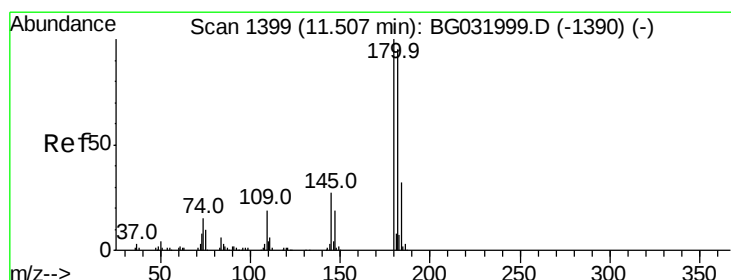
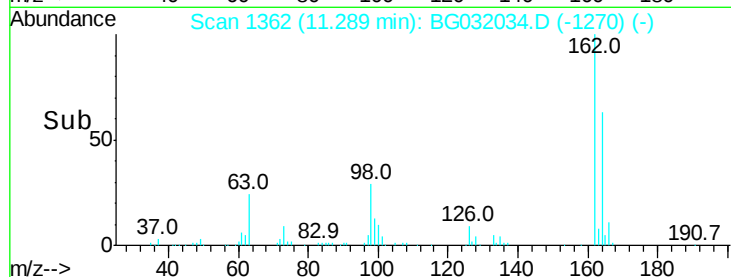
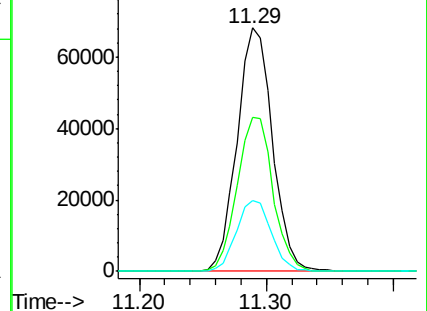
98 29.2 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.718 ng

RT: 11.52 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

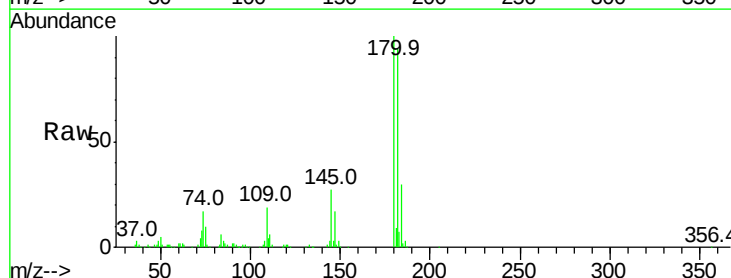
Tgt Ion:180 Resp: 165667

Ion Ratio Lower Upper

180 100

182 94.2 77.5 116.3

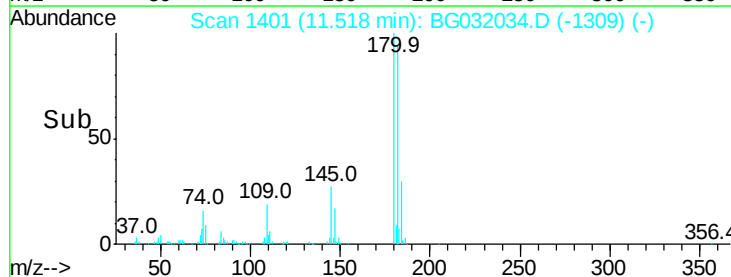
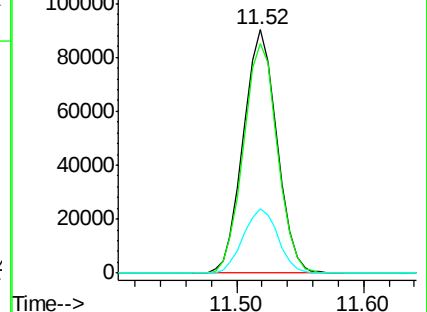
145 26.6 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.013 ng

RT: 11.72 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

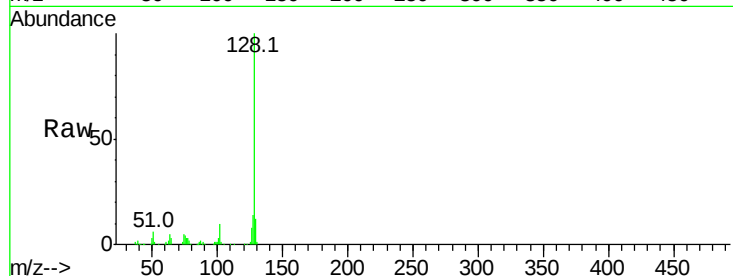
Tot Ion:128 Resp: 365899

Ion Ratio Lower Upper

128 100

129 12.4 8.6 12.8

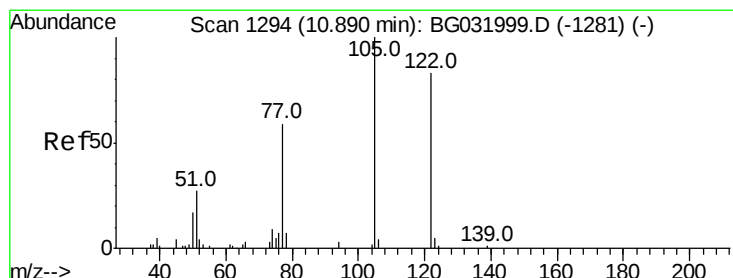
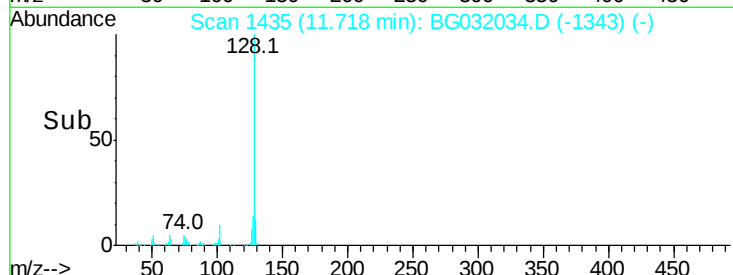
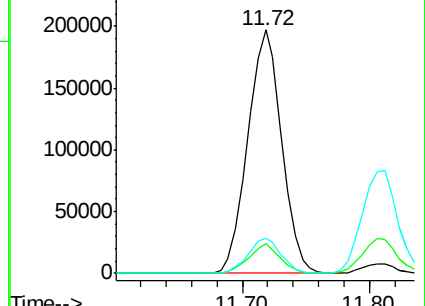
127 14.3 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.080 ng

RT: 10.90 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

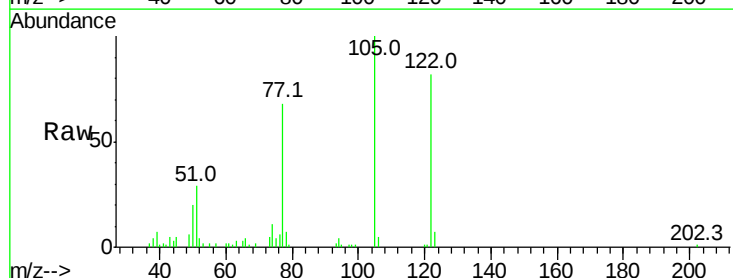
Tgt Ion:122 Resp: 53968

Ion Ratio Lower Upper

122 100

105 121.5 123.5 163.5#

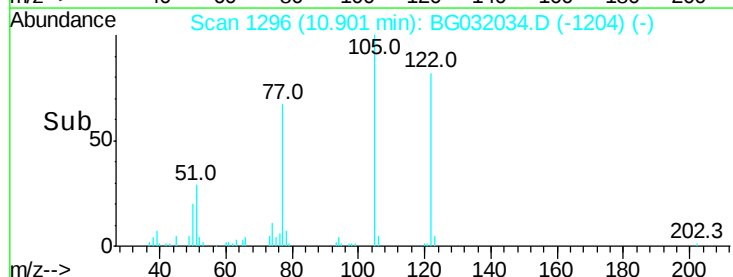
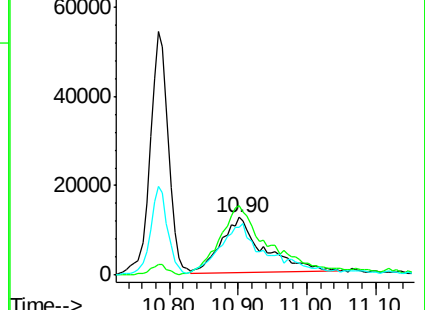
77 82.4 85.7 125.7#

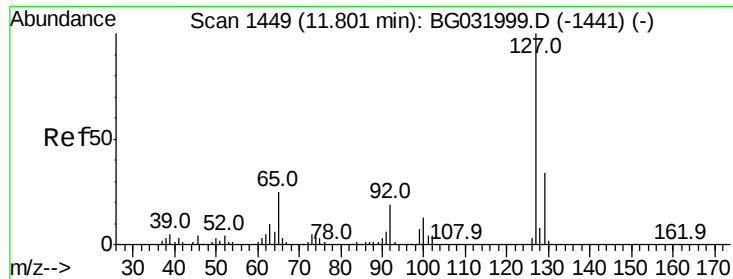


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

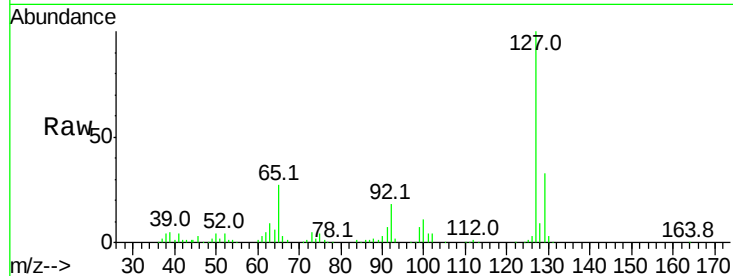




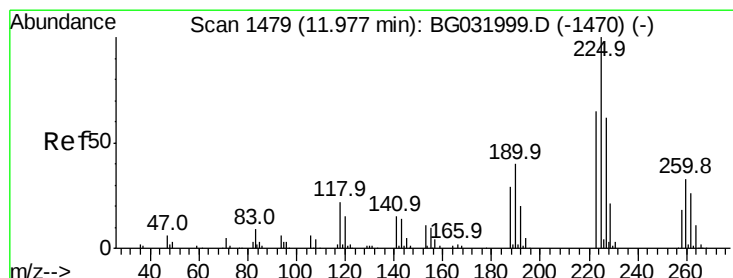
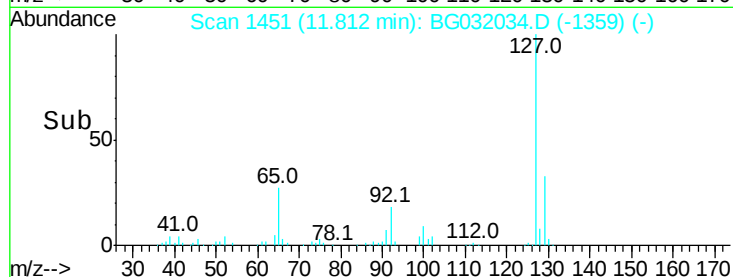
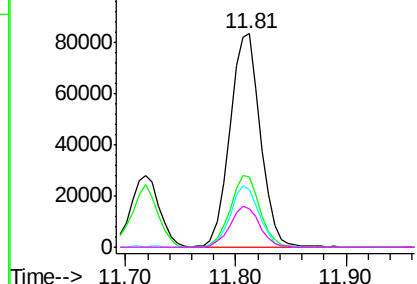
#33
4-Chloroaniline
Concen: 40.129 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	161394
Ion	Ratio	Lower	Upper
127	100		
129	32.7	24.0	36.0
65	27.2	27.0	40.4
92	18.0	16.6	25.0

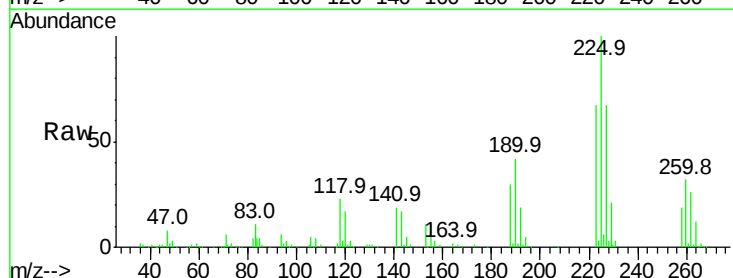


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

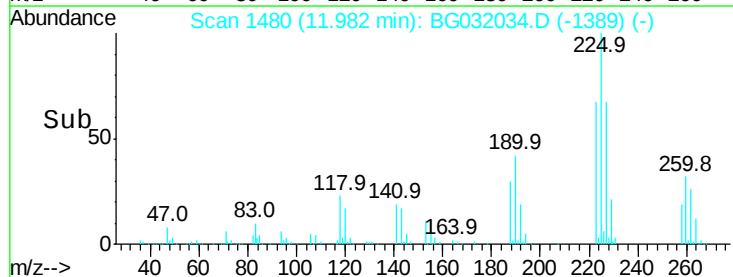
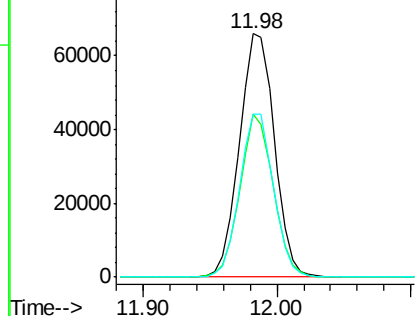


#34
Hexachlorobutadiene
Concen: 39.833 ng
RT: 11.98 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Tgt Ion:	225	Resp:	119332
Ion	Ratio	Lower	Upper
225	100		
223	67.1	49.7	74.5
227	66.8	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: 44.631 ng

RT: 12.59 min Scan# 1583

Delta R.T. 0.04 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

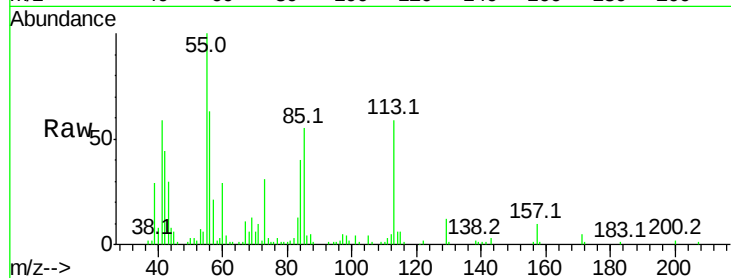
Tot Ion:113 Resp: 43730

Ion Ratio Lower Upper

113 100

55 169.7 186.9 226.9#

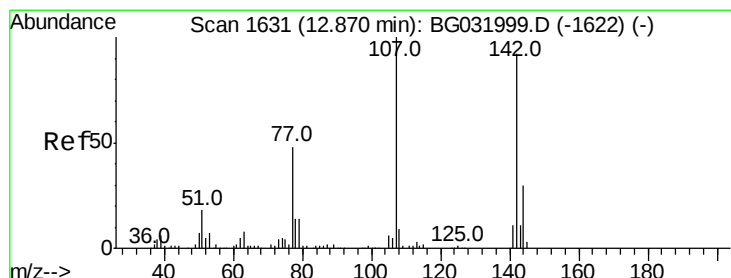
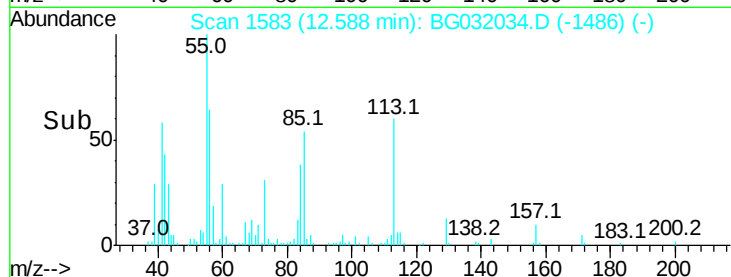
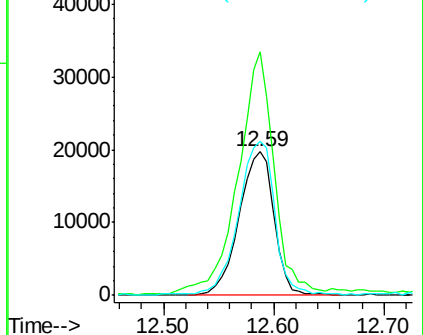
56 107.2 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG031999.D (-1566) (-)

Ion 56.00 (55.70 to 56.70): BG031999.D (-1566) (-)



#36

4-Chloro-3-methylphenol

Concen: 40.921 ng

RT: 12.88 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

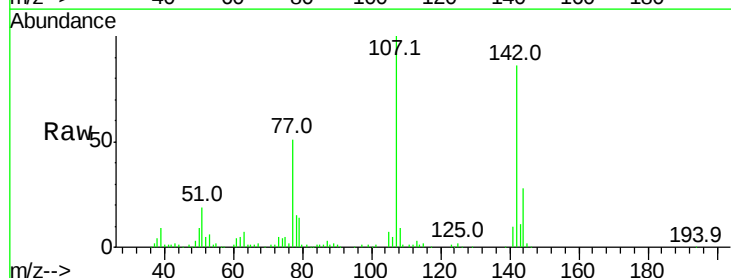
Tgt Ion:107 Resp: 120971

Ion Ratio Lower Upper

107 100

144 27.7 18.2 27.4#

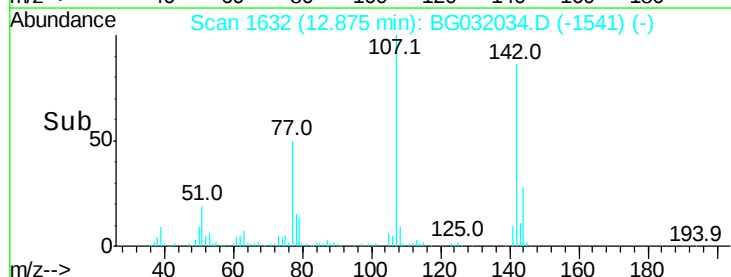
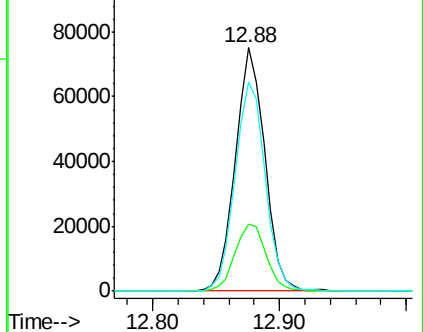
142 85.9 59.0 88.4

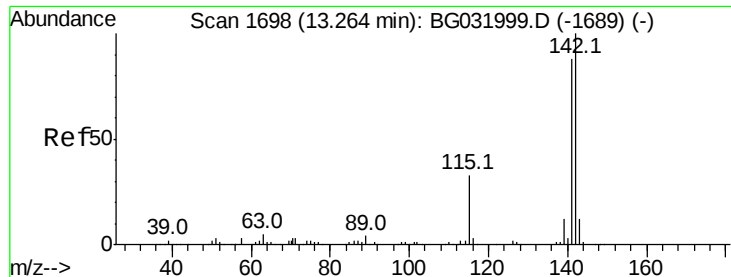


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

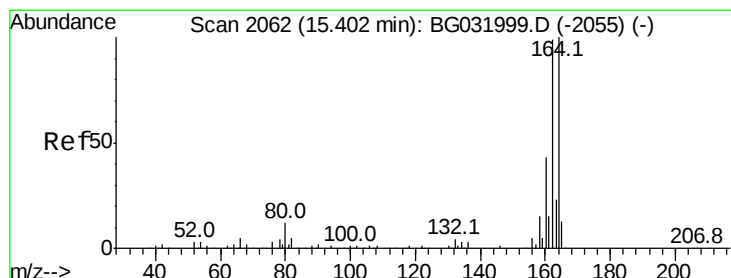
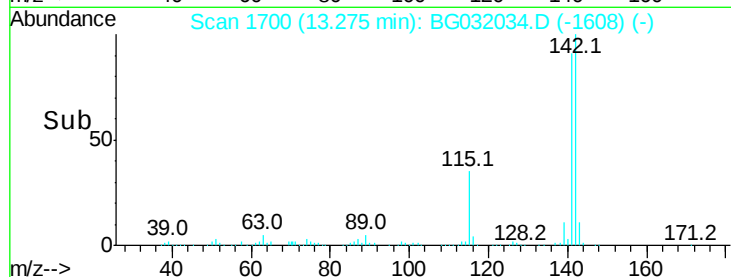
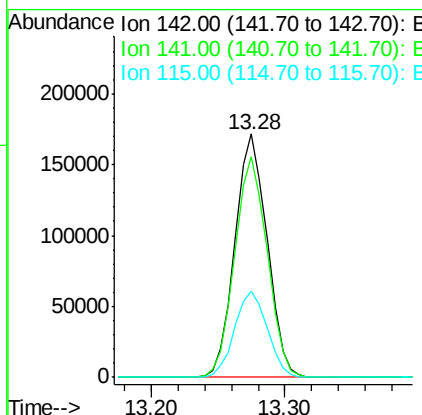
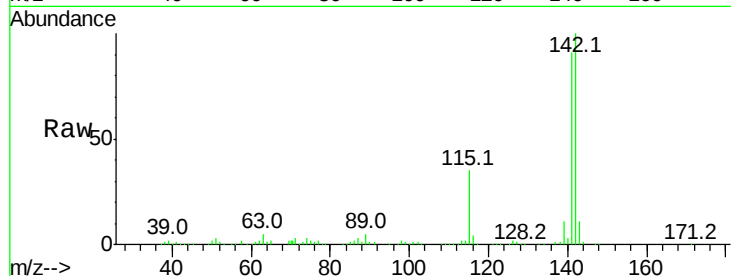




#37
2-Methylnaphthalene
Concen: 38.612 ng
RT: 13.28 min Scan# 1700
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

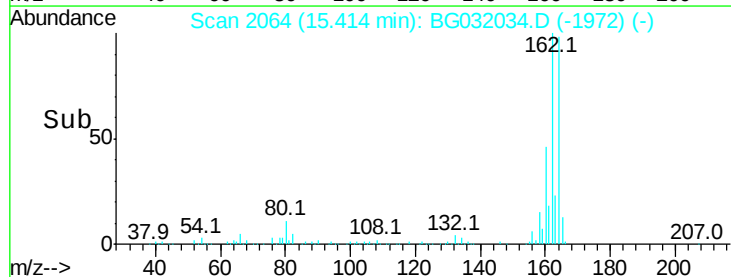
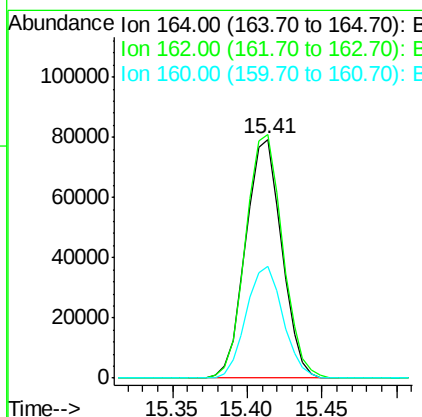
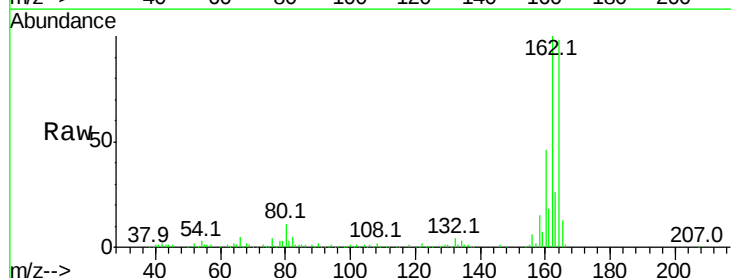
Instrument :
BNA_G
ClientSampleId :

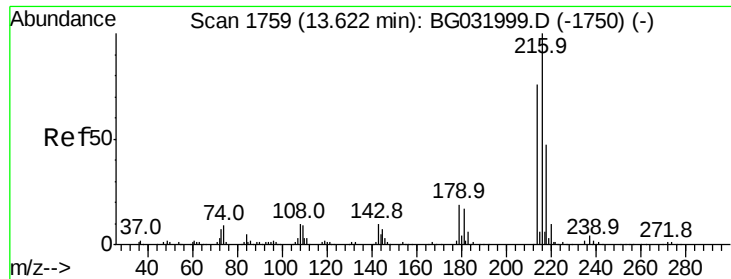
Tot Ion:142 Resp: 287513
Ion Ratio Lower Upper
142 100
141 90.6 67.1 100.7
115 35.2 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2064
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Tgt Ion:164 Resp: 132459
Ion Ratio Lower Upper
164 100
162 101.9 78.8 118.2
160 46.8 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.485 ng

RT: 13.63 min Scan# 1760

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 222205

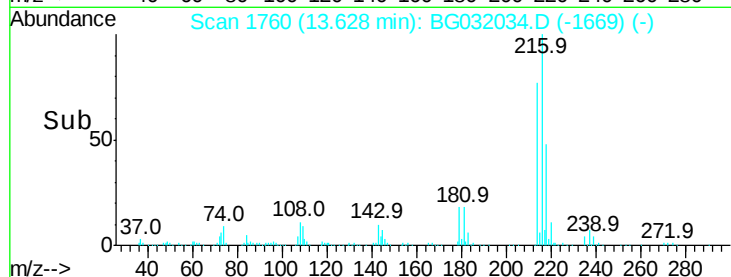
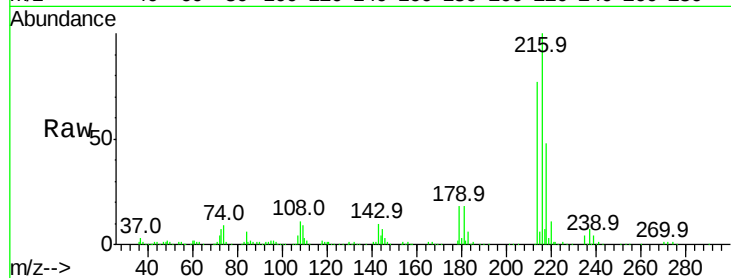
Ion Ratio Lower Upper

216 100

214 77.5 63.0 94.4

179 18.2 17.0 25.6

108 11.5 12.8 19.2#

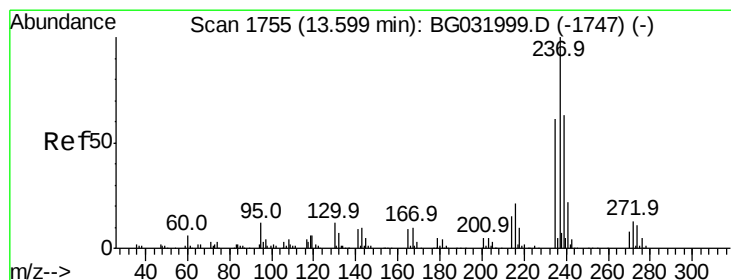
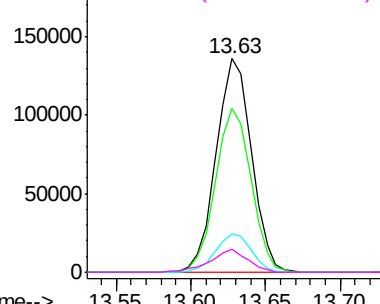


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.263 ng

RT: 13.60 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

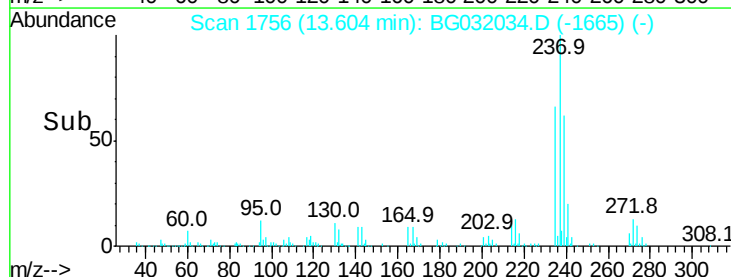
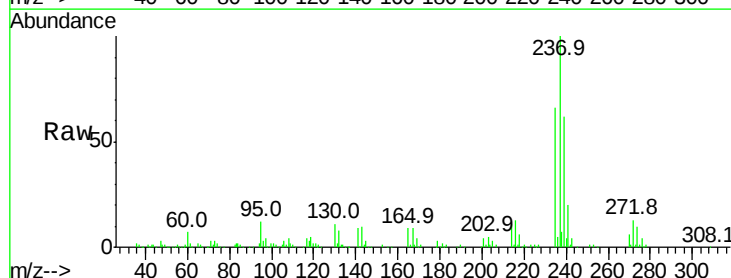
Tgt Ion:237 Resp: 137442

Ion Ratio Lower Upper

237 100

235 65.6 50.4 90.4

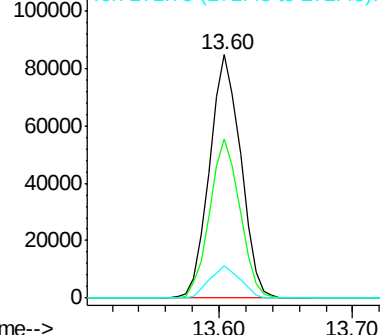
272 13.5 0.0 31.8

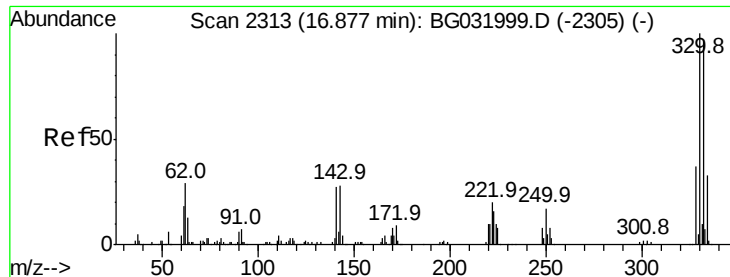


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

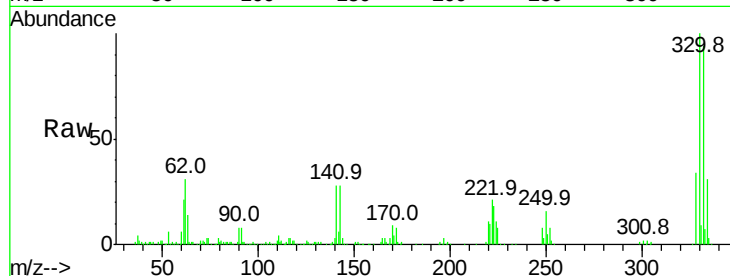




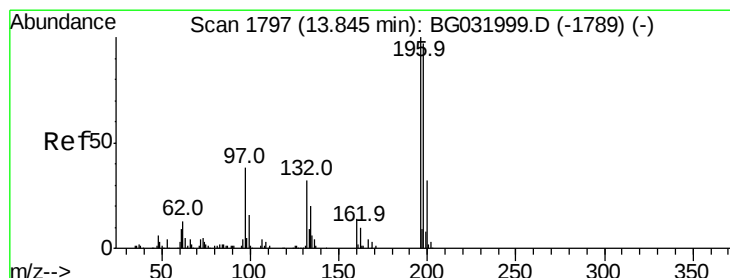
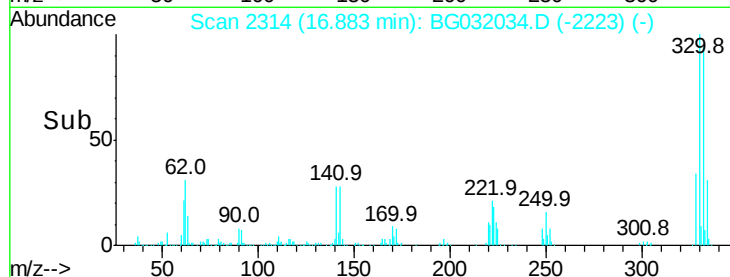
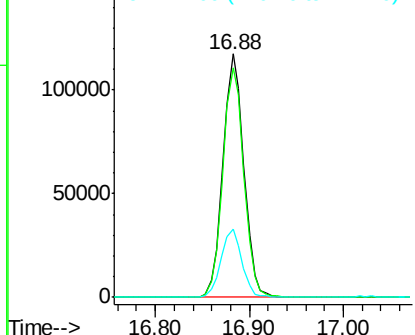
#41
 2,4,6-Tribromophenol
 Concen: 82.822 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	28.1	25.2	37.8

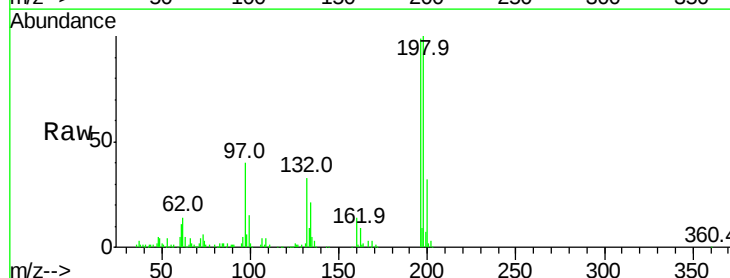


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

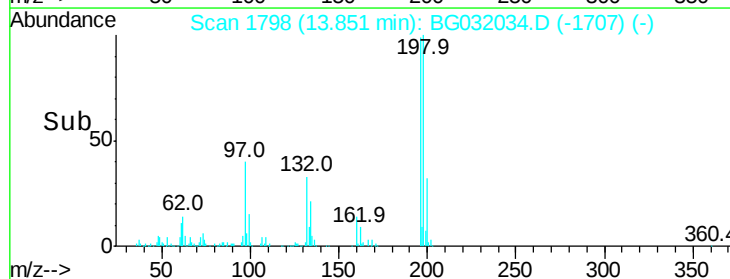
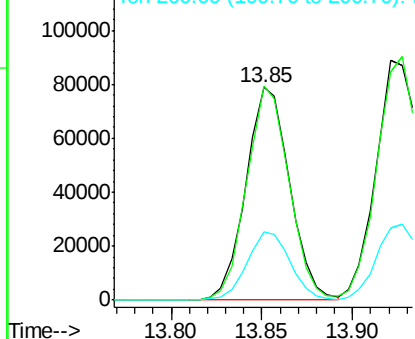


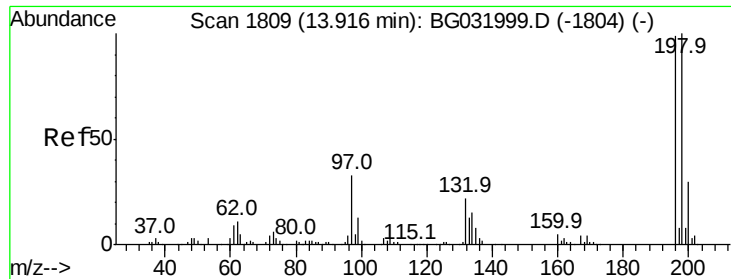
#42
 2,4,6-Trichlorophenol
 Concen: 40.675 ng
 RT: 13.85 min Scan# 1798
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.0	78.2	117.2
200	31.9	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

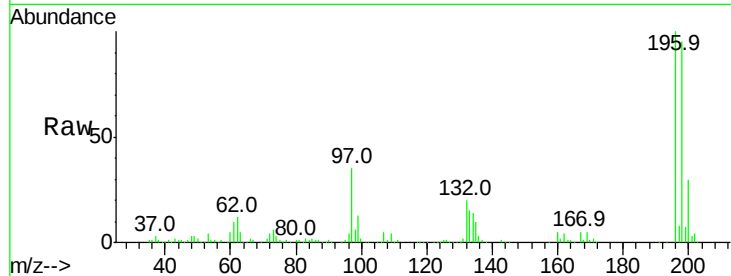




#43
 2,4,5-Trichlorophenol
 Concen: 40.772 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.4
97	35.1	38.7	58.1#
132	20.0	20.2	30.2#



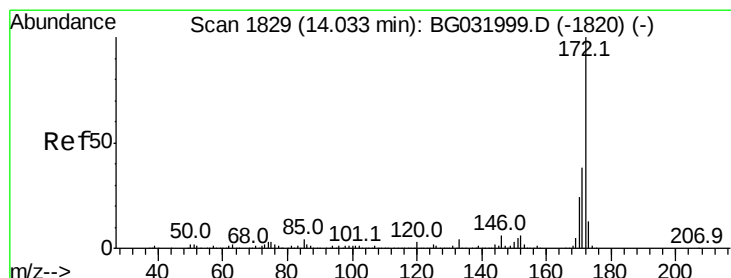
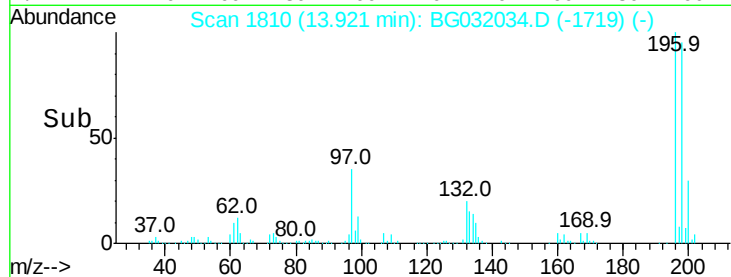
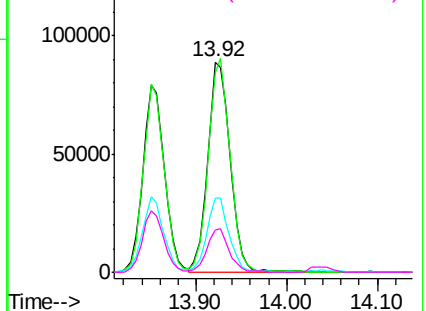
Abundance

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): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.959 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

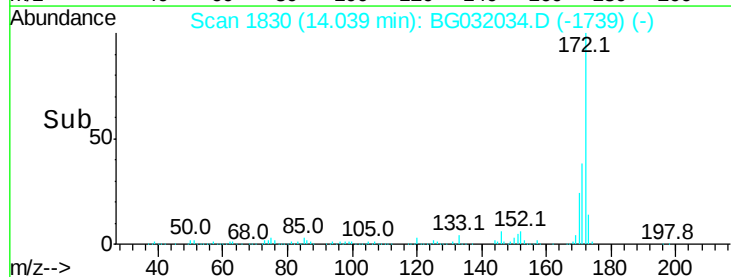
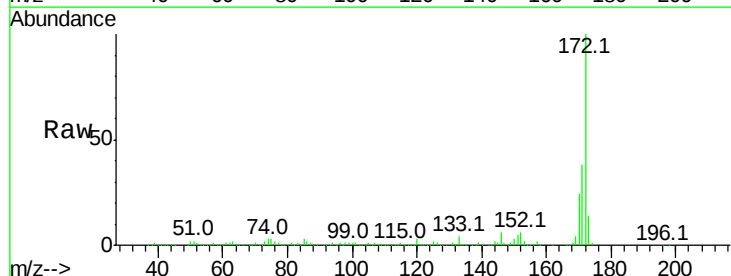
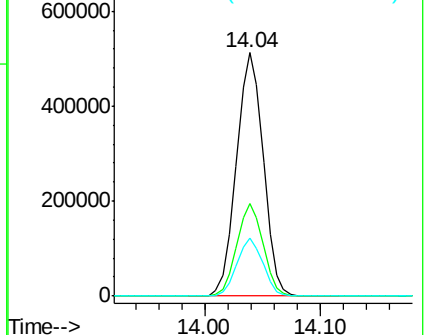
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.9	19.5	29.3

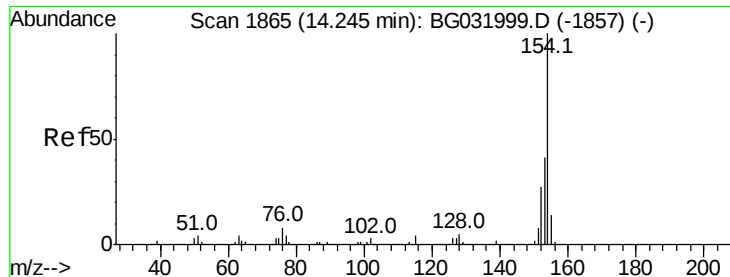
Abundance

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

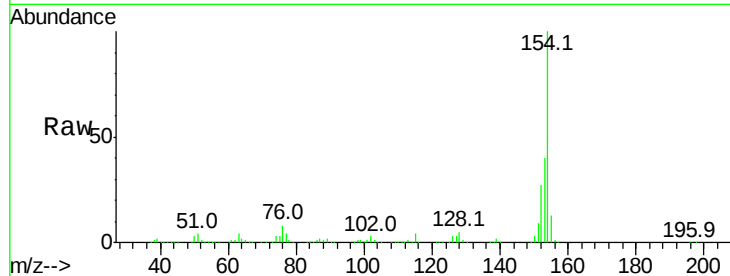




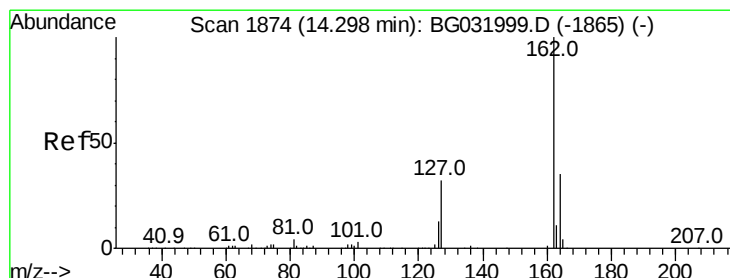
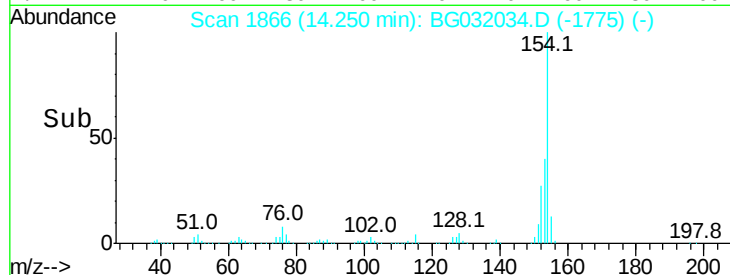
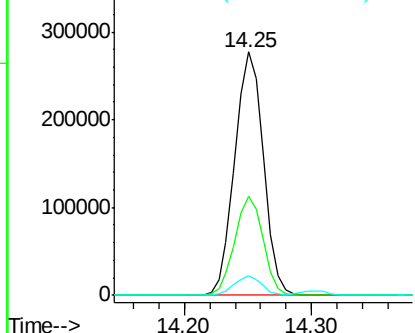
#45
 1,1'-Biphenyl
 Concen: 38.192 ng
 RT: 14.25 min Scan# 1866
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 433690
 Ion Ratio Lower Upper
 154 100
 153 40.5 19.8 59.8
 76 7.9 0.0 31.9

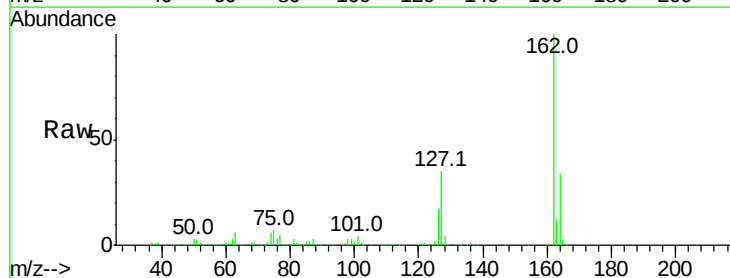


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

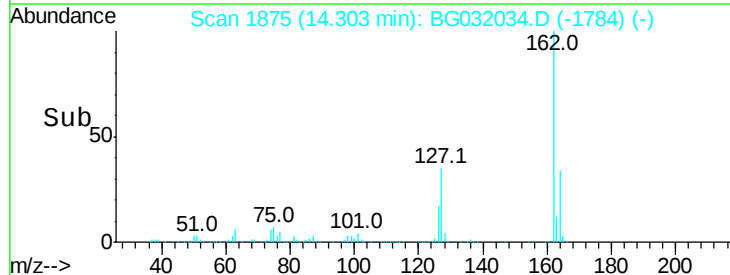
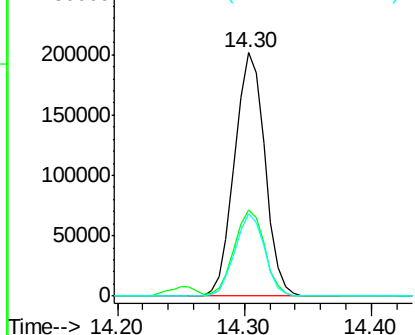


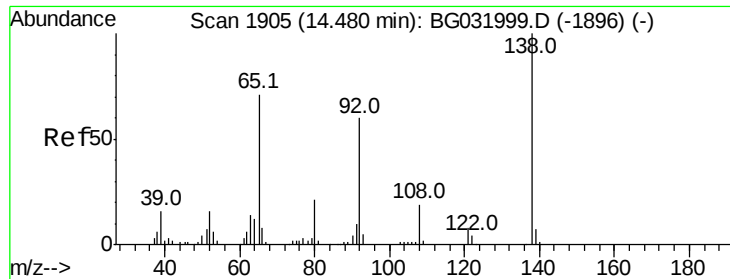
#46
 2-Chloronaphthalene
 Concen: 37.761 ng
 RT: 14.30 min Scan# 1875
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

Tgt Ion:162 Resp: 333569
 Ion Ratio Lower Upper
 162 100
 127 35.5 30.7 46.1
 164 33.8 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: 43.242 ng

RT: 14.49 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampled :

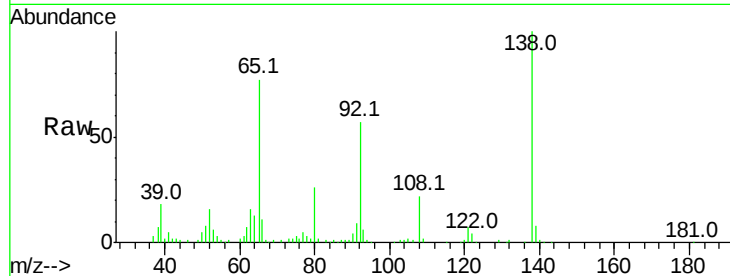
Tot Ion: 65 Resp: 73128

Ion Ratio Lower Upper

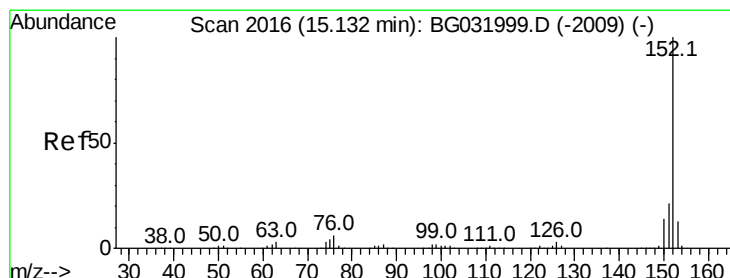
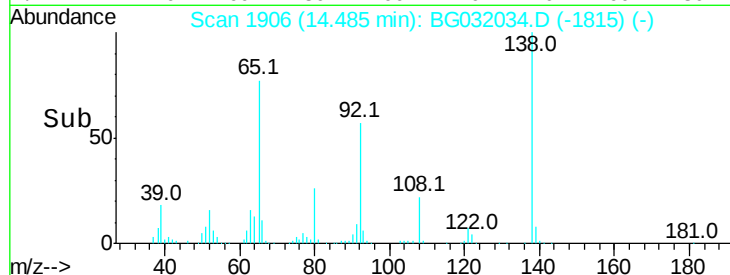
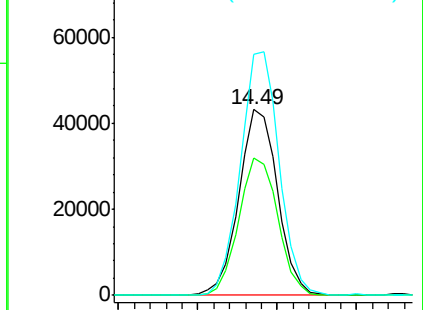
65 100

92 74.2 54.6 82.0

138 129.9 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: 38.659 ng

RT: 15.14 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

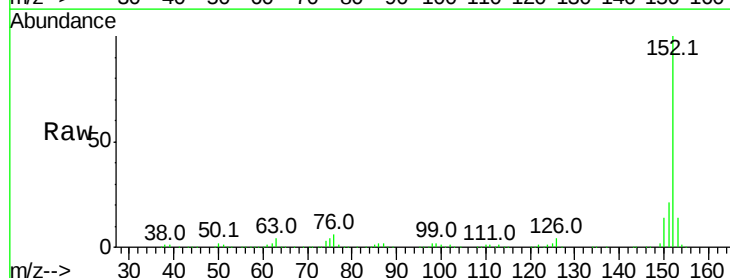
Tgt Ion: 152 Resp: 520038

Ion Ratio Lower Upper

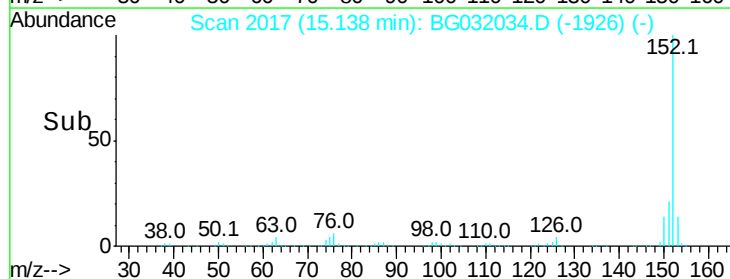
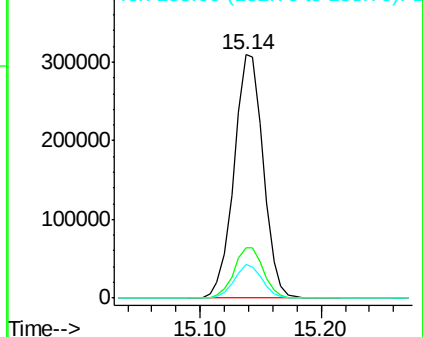
152 100

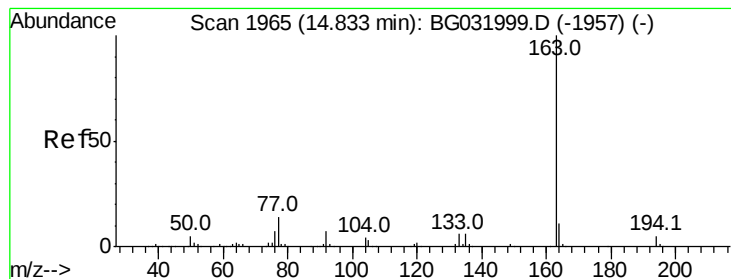
151 20.9 17.2 25.8

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: 39.150 ng

RT: 14.84 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

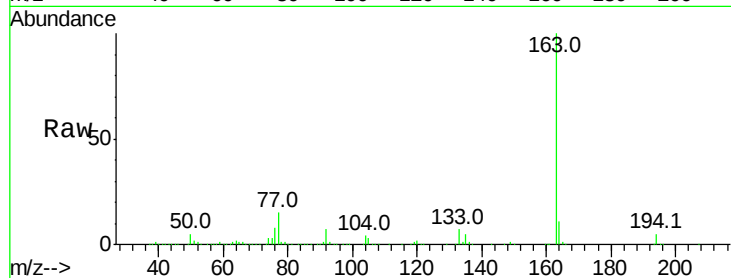
Tot Ion:163 Resp: 453795

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

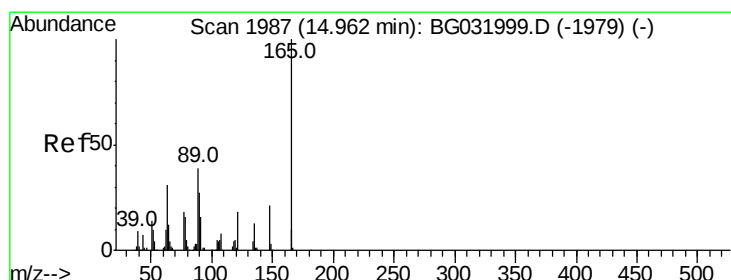
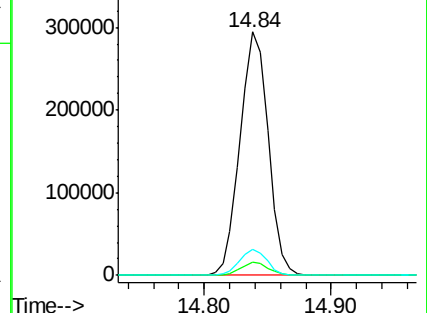
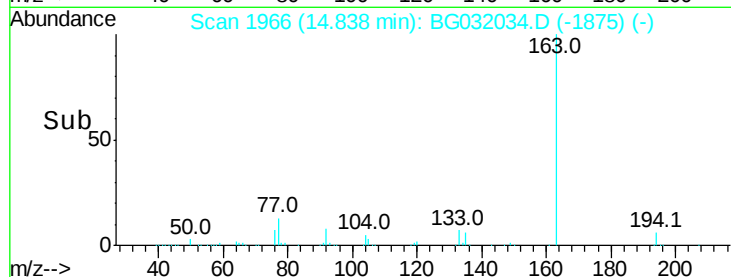
164 10.6 8.2 12.4



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: 38.593 ng

RT: 14.97 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

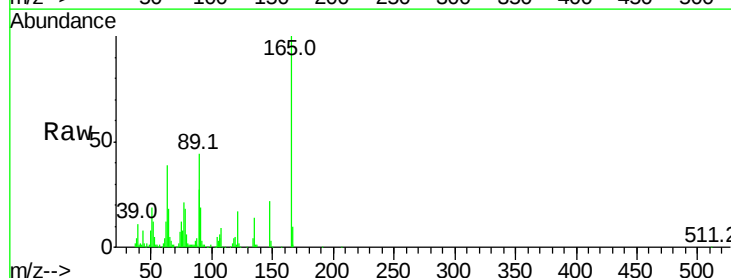
Tgt Ion:165 Resp: 92853

Ion Ratio Lower Upper

165 100

63 39.1 52.7 79.1#

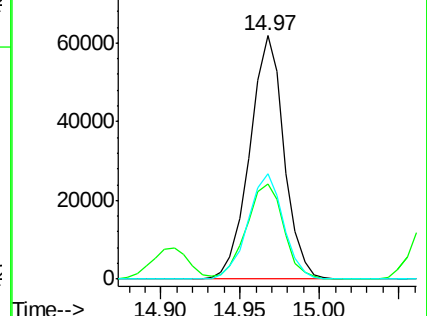
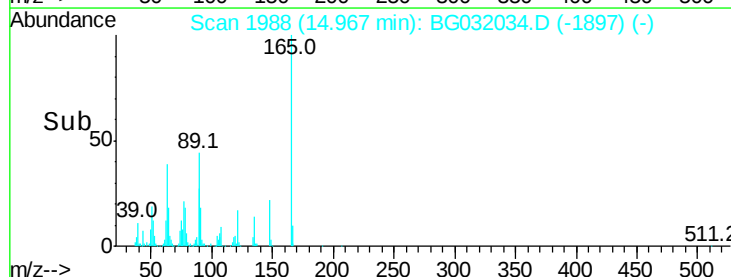
89 43.5 49.2 73.8#

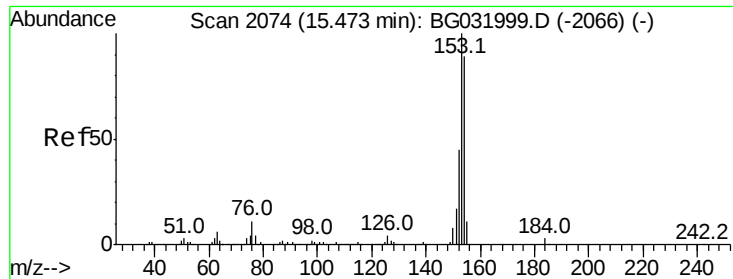


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.821 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

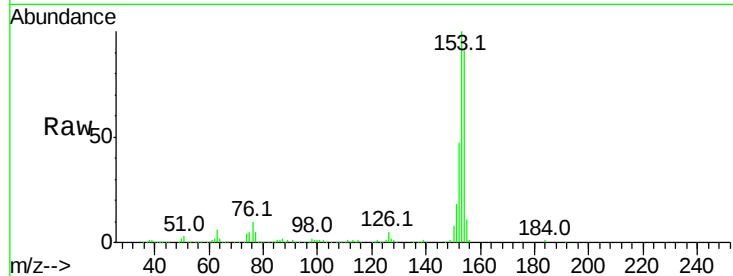
Tot Ion:154 Resp: 345316

Ion Ratio Lower Upper

154 100

153 110.5 90.4 135.6

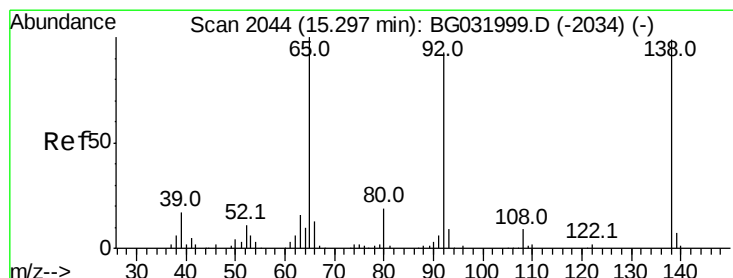
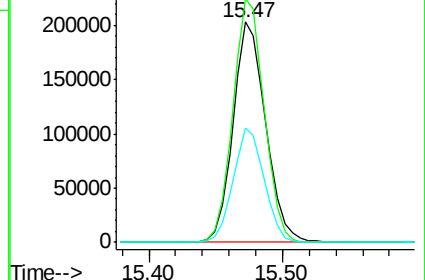
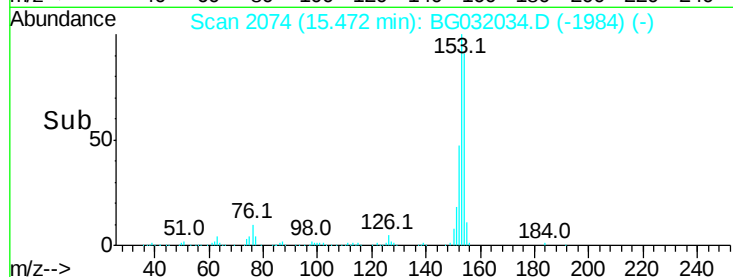
152 51.8 41.6 62.4



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: 39.824 ng

RT: 15.30 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

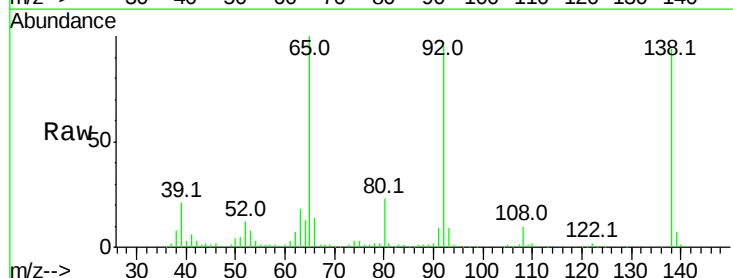
Tgt Ion:138 Resp: 86538

Ion Ratio Lower Upper

138 100

108 10.8 17.5 26.3#

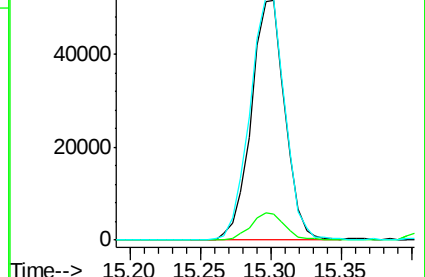
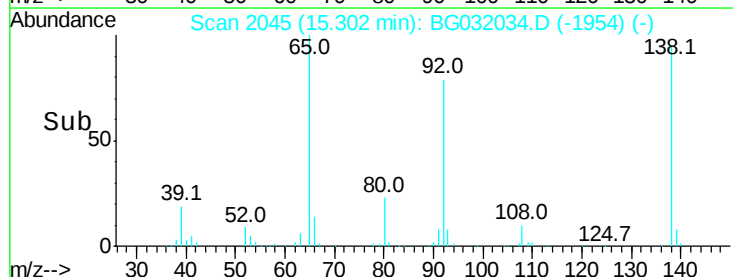
92 100.7 105.8 158.8#

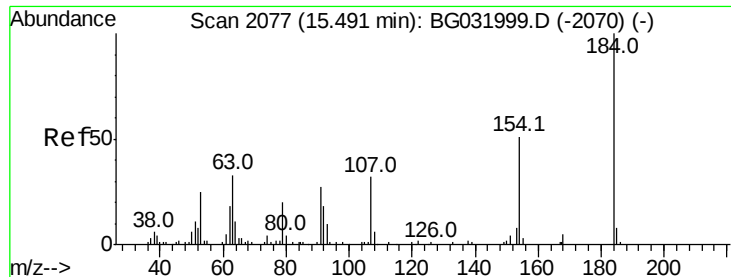


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

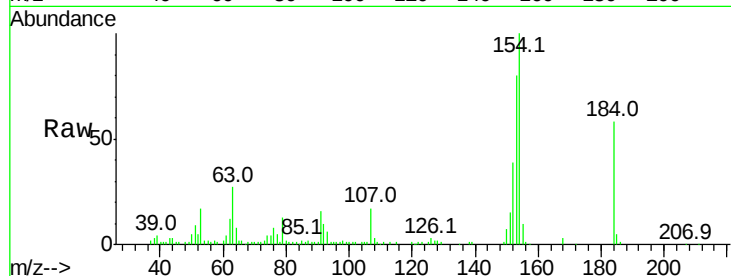




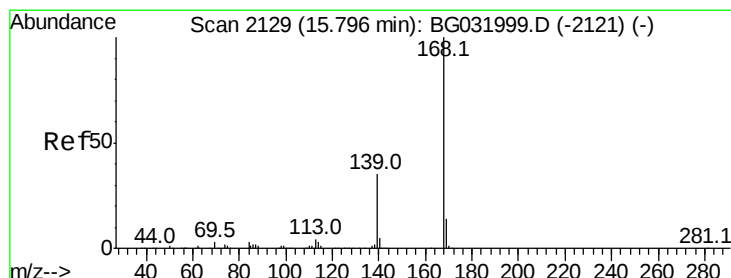
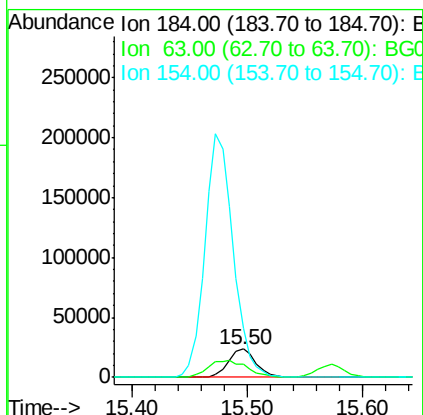
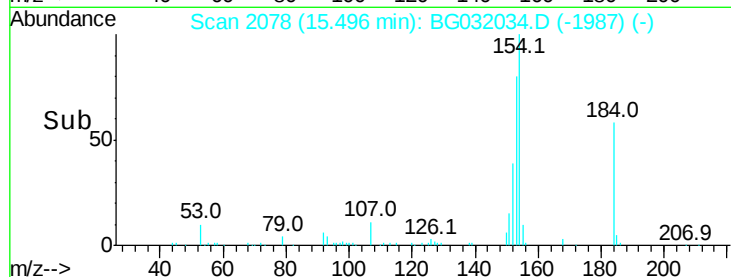
#53
2,4-Dinitrophenol
Concen: 37.422 ng
RT: 15.50 min Scan# 2078
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 40265
Ion Ratio Lower Upper
184 100
63 46.1 59.8 89.8#
154 173.9 101.8 152.8#

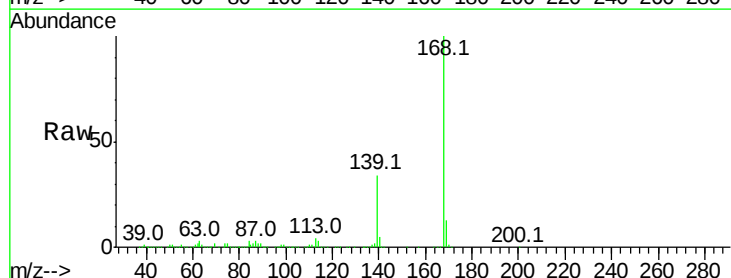


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

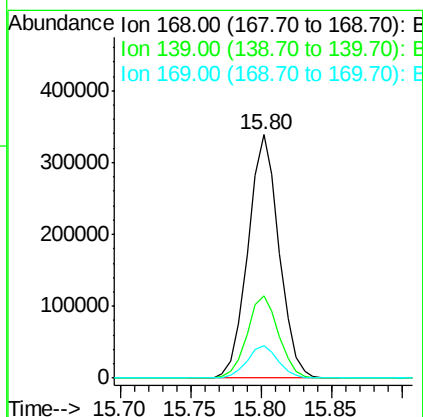
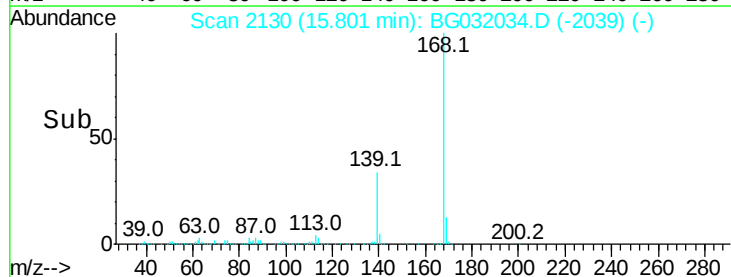


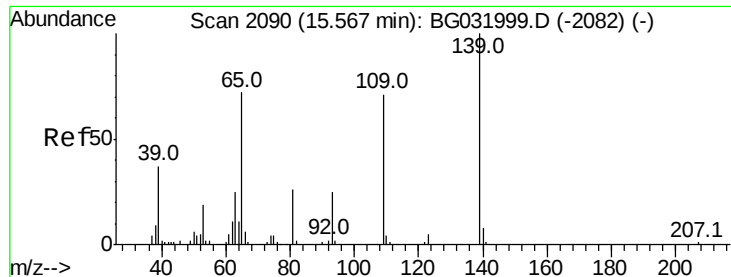
#54
Dibenzofuran
Concen: 39.375 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Tgt Ion:168 Resp: 522475
Ion Ratio Lower Upper
168 100
139 34.0 28.6 43.0
169 13.3 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 42.904 ng

RT: 15.57 min Scan# 2091

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

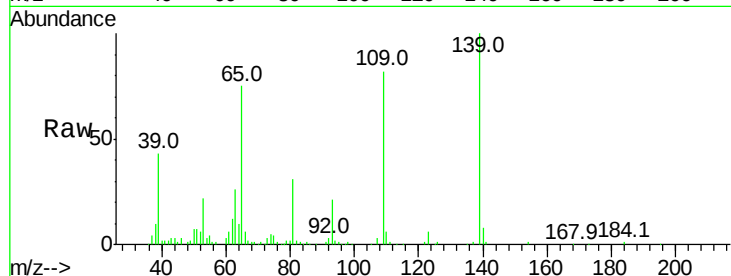
Tot Ion:139 Resp: 67944

Ion Ratio Lower Upper

139 100

109 81.7 62.2 102.2

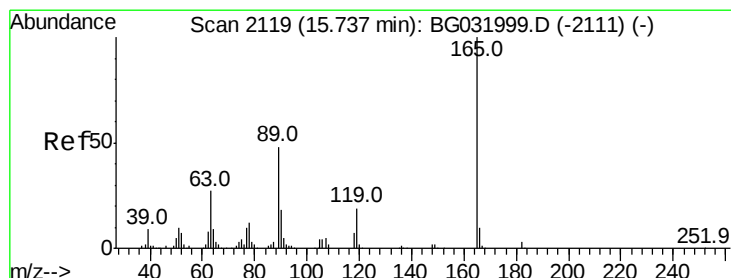
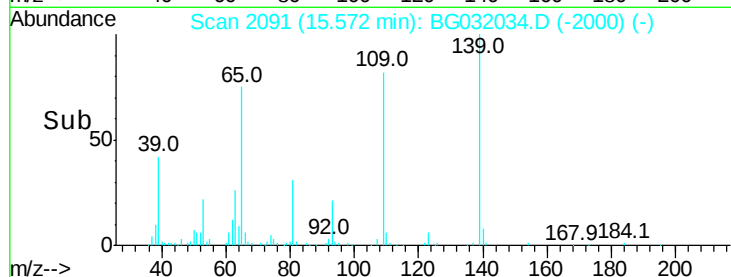
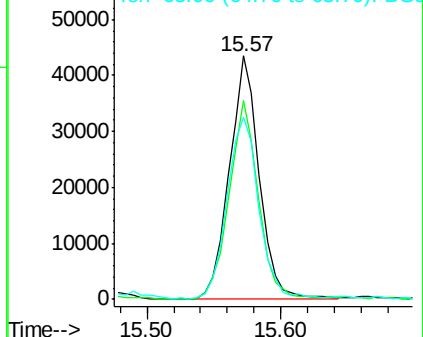
65 75.1 97.2 137.2#



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: 41.517 ng

RT: 15.74 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Tgt Ion:165 Resp: 134480

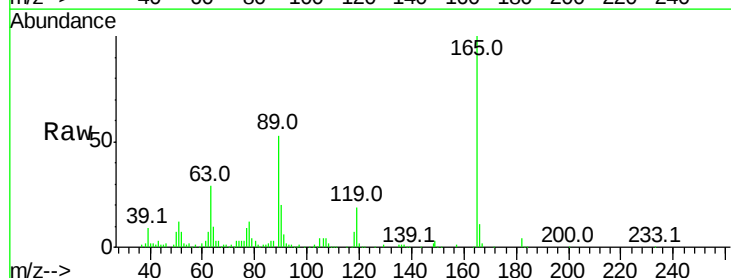
Ion Ratio Lower Upper

165 100

63 29.4 42.0 63.0#

89 53.2 66.9 100.3#

182 3.6 2.6 3.8

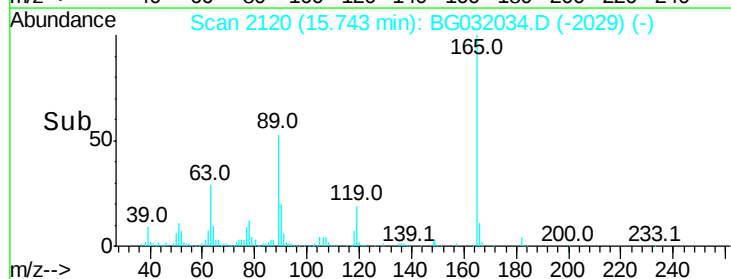
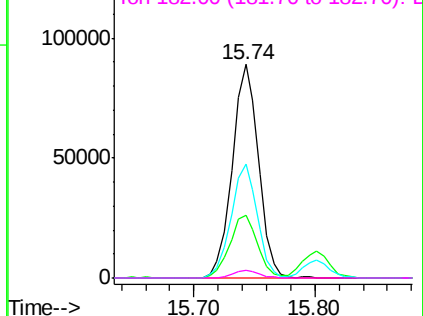


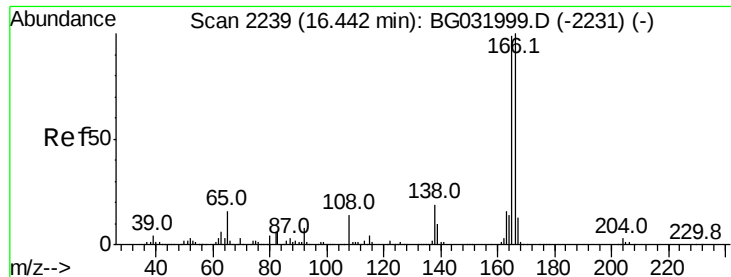
Abundance Ion 165.00 (164.70 to 165.70): E

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

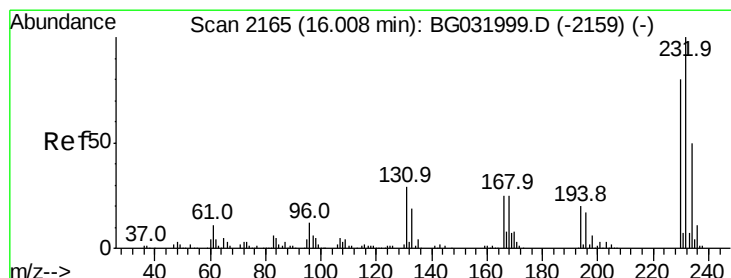
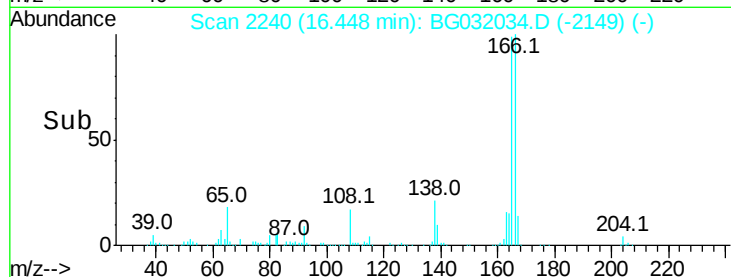
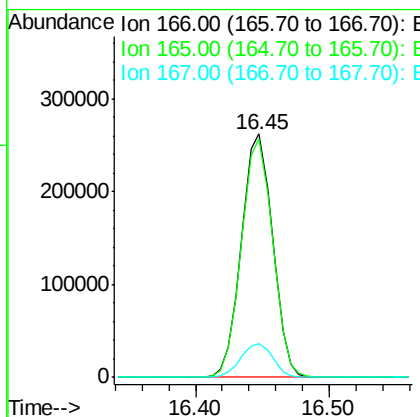
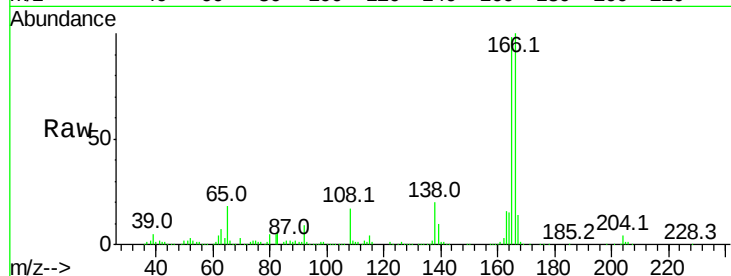




#57
 Fluorene
 Concen: 38.870 ng
 RT: 16.45 min Scan# 2240
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

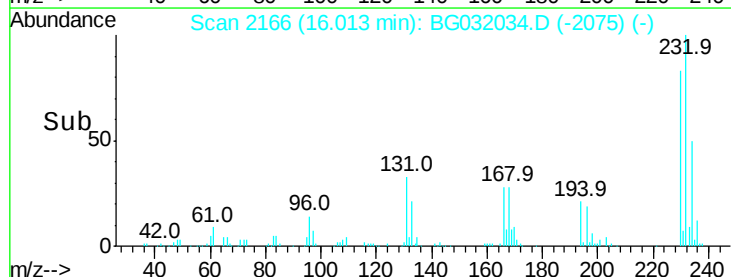
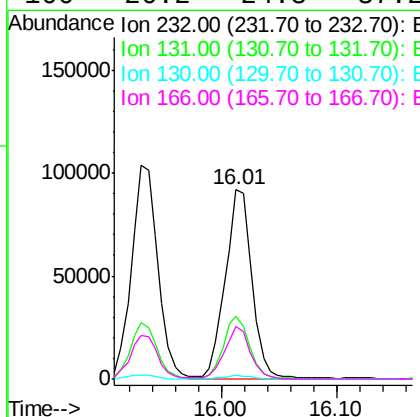
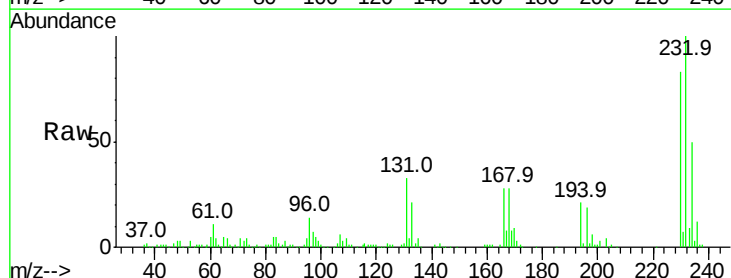
Instrument :
 BNA_G
 ClientSampleId :

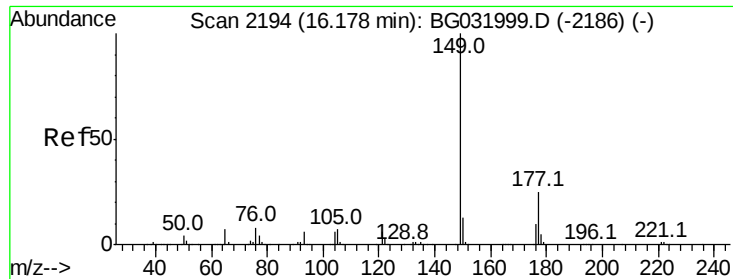
Tot Ion:166 Resp: 423008
 Ion Ratio Lower Upper
 166 100
 165 97.9 80.6 121.0
 167 13.8 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.356 ng
 RT: 16.01 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

Tgt Ion:232 Resp: 147138
 Ion Ratio Lower Upper
 232 100
 131 32.5 33.5 50.3#
 130 2.0 2.2 3.2#
 166 26.2 24.8 37.2

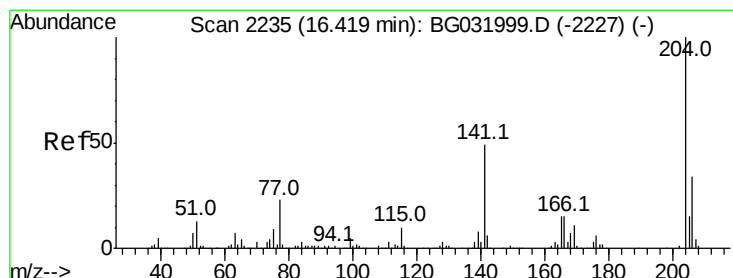
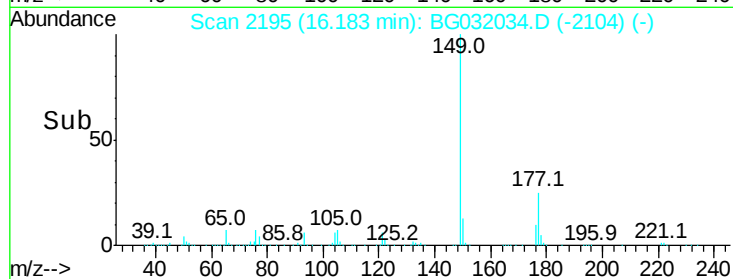
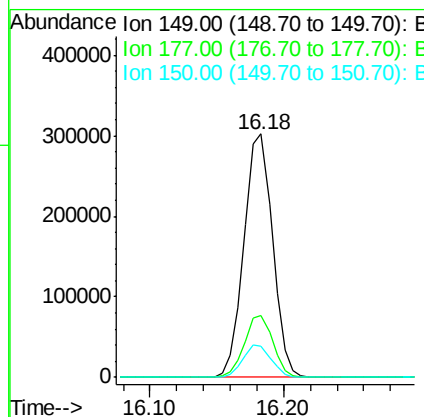
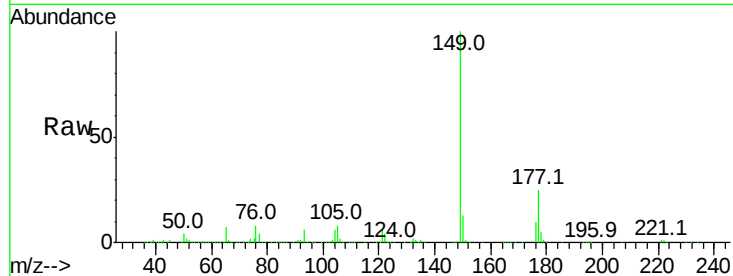




#59
Diethylphthalate
Concen: 39.773 ng
RT: 16.18 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

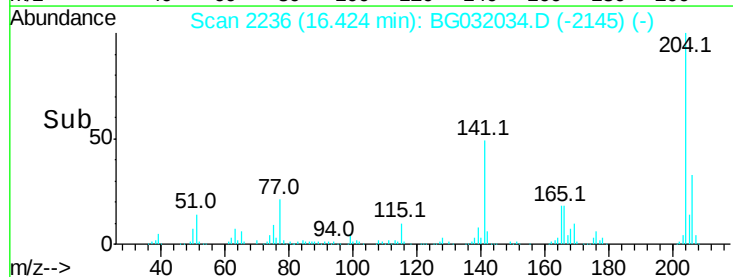
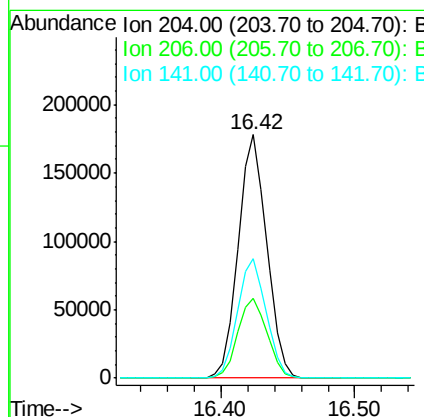
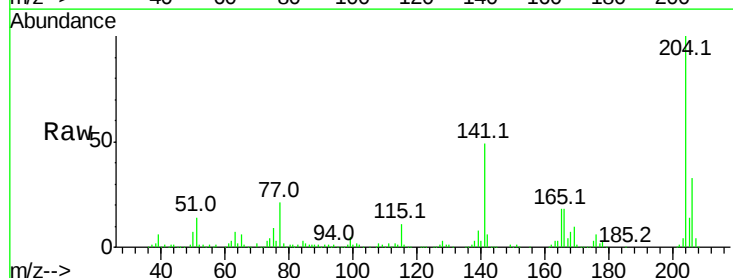
Instrument :
BNA_G
ClientSampleId :

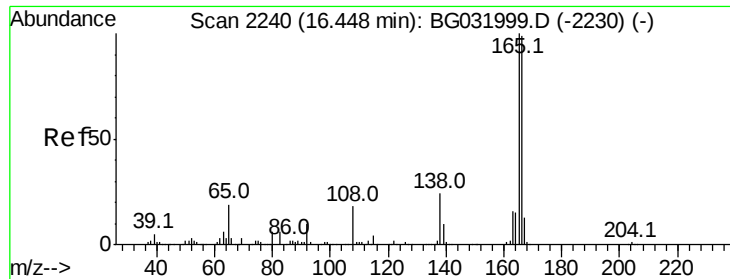
Tot Ion:149 Resp: 446941
Ion Ratio Lower Upper
149 100
177 25.5 18.5 27.7
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.445 ng
RT: 16.42 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Tgt Ion:204 Resp: 263328
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 49.1 45.8 68.6

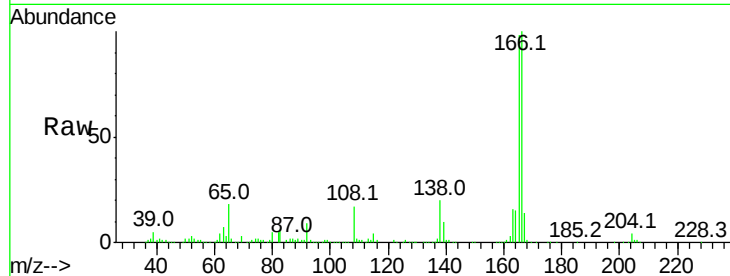




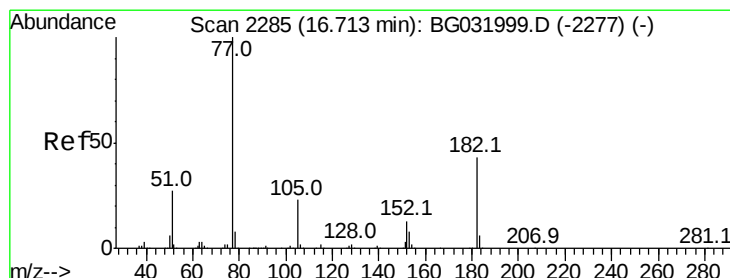
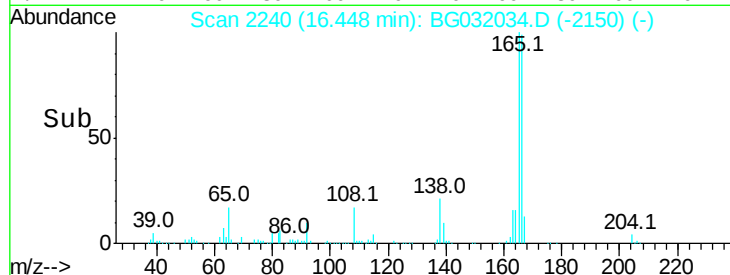
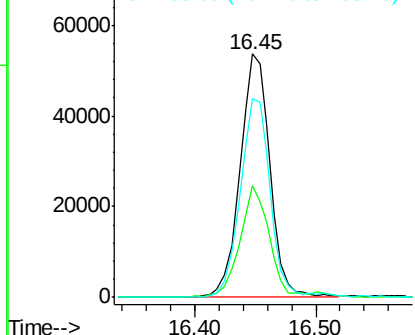
#61
4-Nitroaniline
Concen: 44.478 ng
RT: 16.45 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 92714
Ion Ratio Lower Upper
138 100
92 45.7 40.1 80.1
108 81.7 65.4 105.4

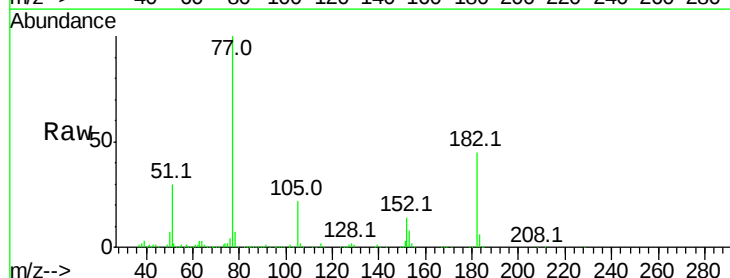


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

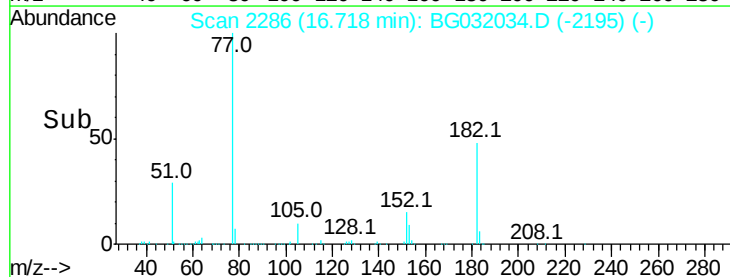
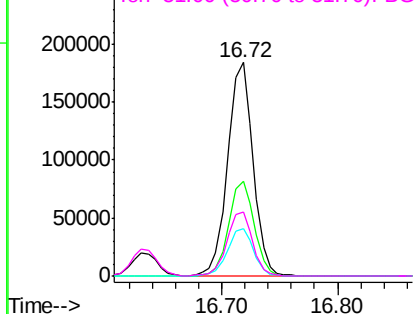


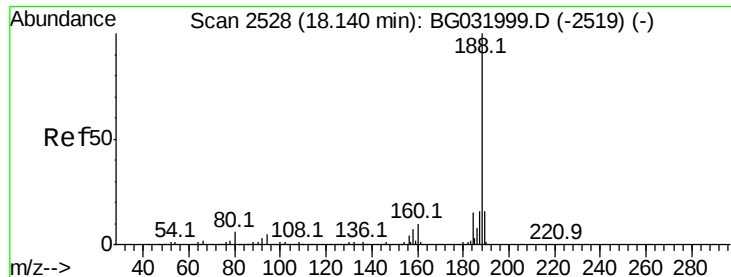
#62
Azobenzene
Concen: 39.650 ng
RT: 16.72 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Tgt Ion: 77 Resp: 278872
Ion Ratio Lower Upper
77 100
182 44.6 7.4 47.4
105 22.0 0.3 40.3
51 30.2 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BG
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): BG

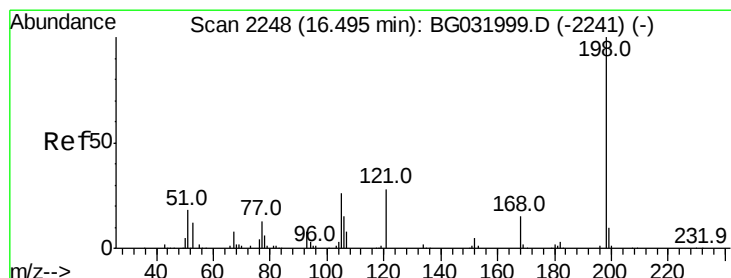
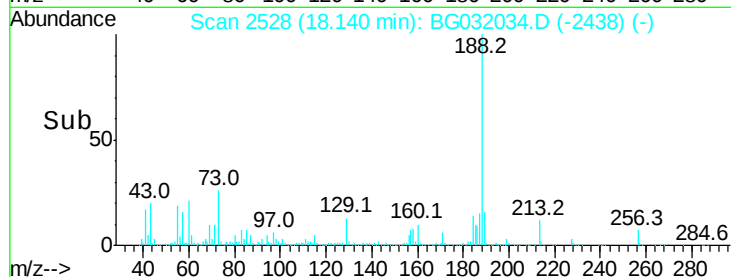
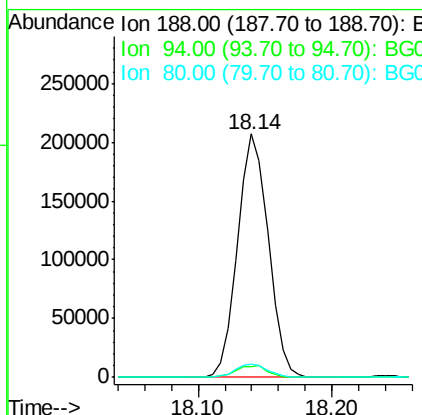
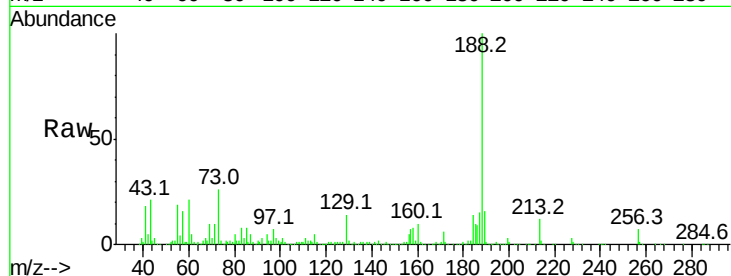




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

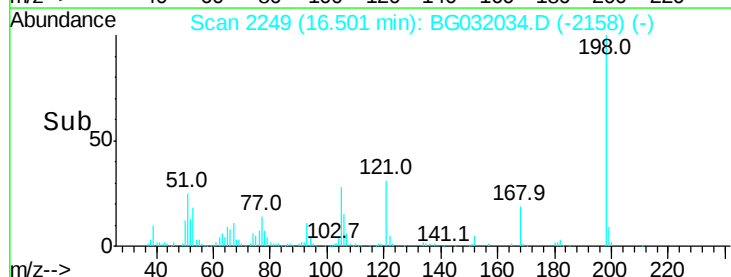
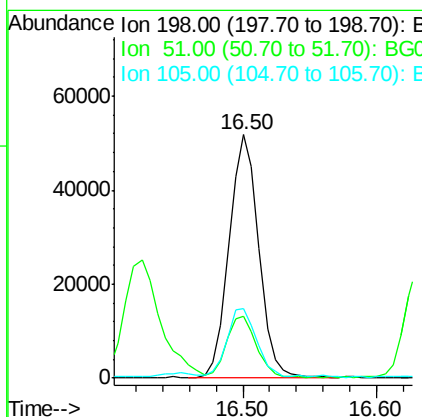
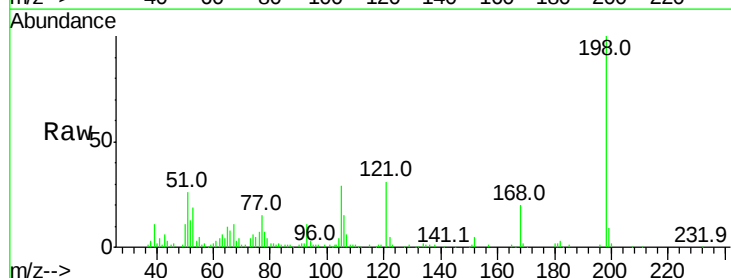
Instrument :
BNA_G
ClientSampled :

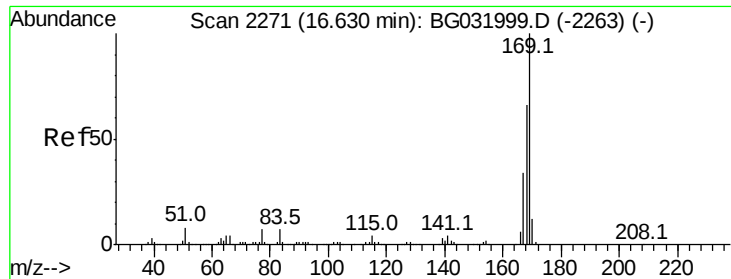
Tot Ion:188 Resp: 330370
Ion Ratio Lower Upper
188 100
94 4.6 6.9 10.3#
80 5.2 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.076 ng
RT: 16.50 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Tgt Ion:198 Resp: 80493
Ion Ratio Lower Upper
198 100
51 25.6 30.6 70.6#
105 28.5 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 39.778 ng

RT: 16.64 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

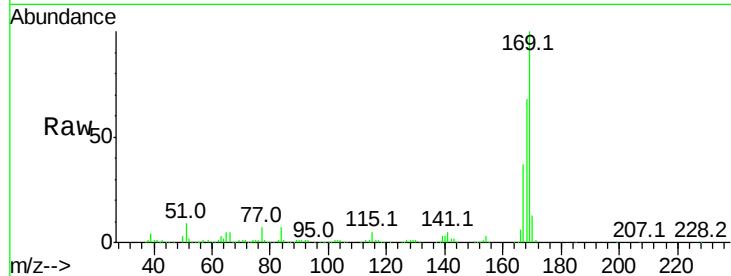
Tot Ion:169 Resp: 398772

Ion Ratio Lower Upper

169 100

168 68.4 55.7 83.5

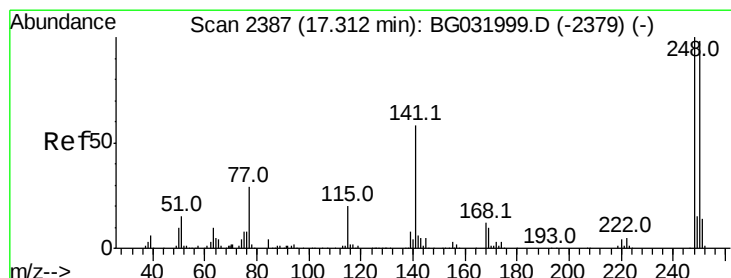
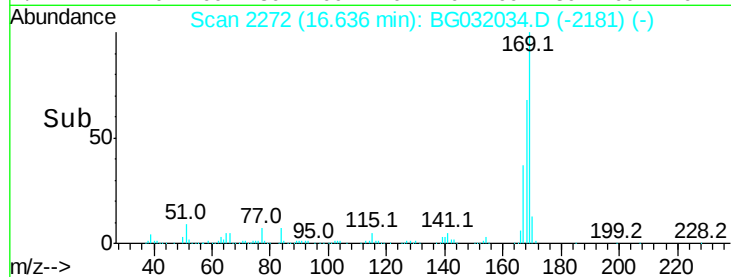
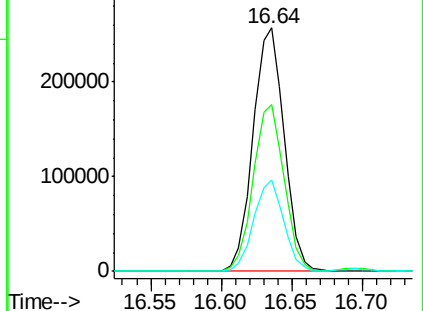
167 37.5 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.162 ng

RT: 17.32 min Scan# 2388

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

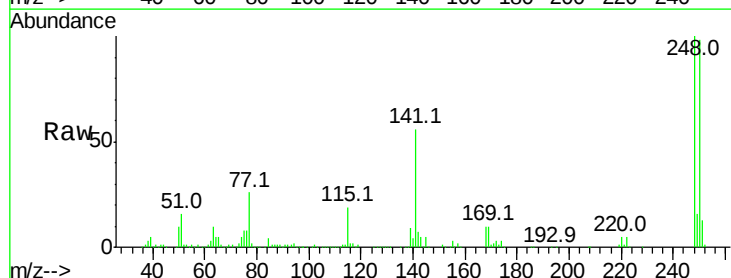
Tgt Ion:248 Resp: 184083

Ion Ratio Lower Upper

248 100

250 97.7 77.1 115.7

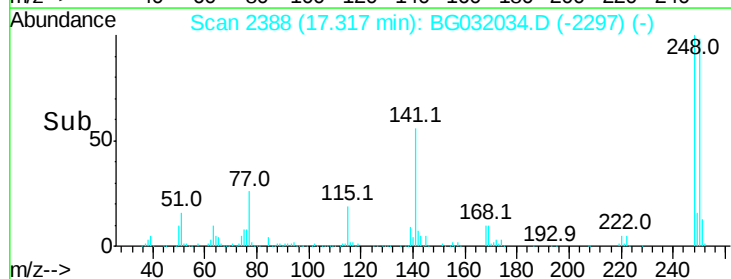
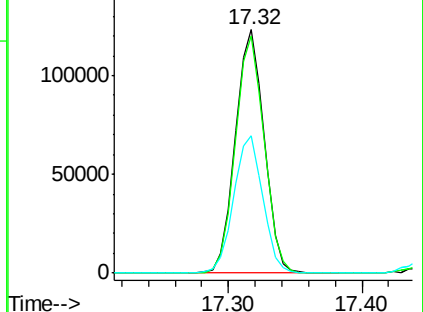
141 56.2 50.8 76.2

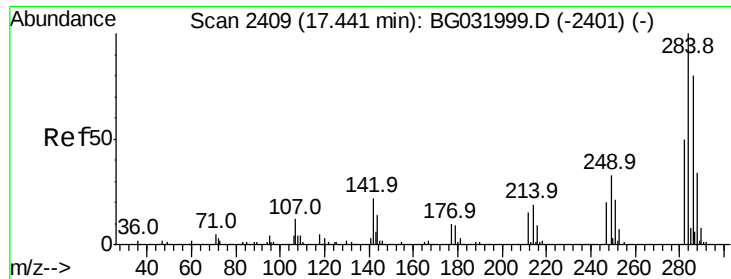


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.372 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

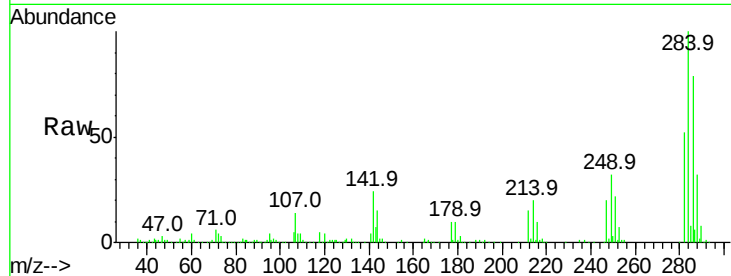
Tot Ion:284 Resp: 199550

Ion Ratio Lower Upper

284 100

142 24.1 26.8 40.2#

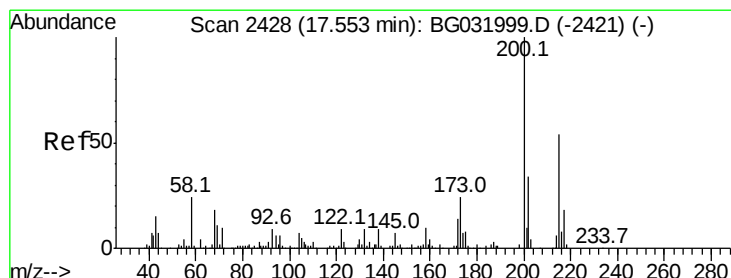
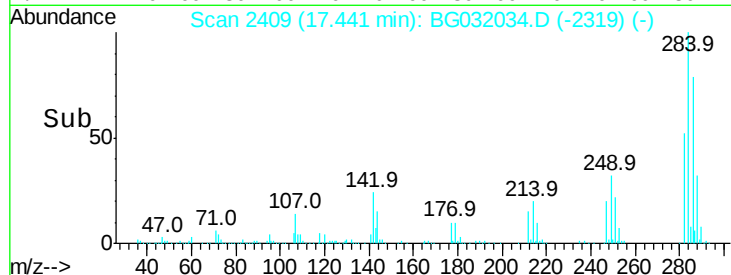
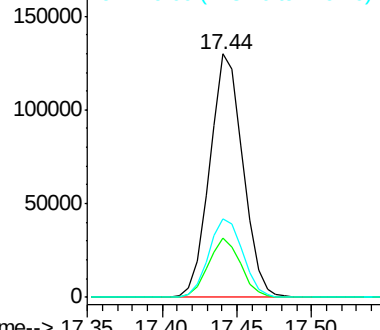
249 32.5 26.3 39.5



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: 42.576 ng

RT: 17.56 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

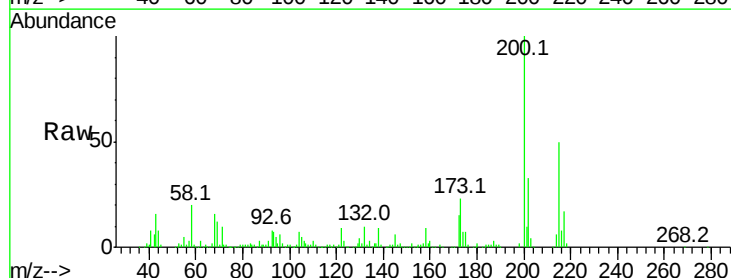
Tgt Ion:200 Resp: 179497

Ion Ratio Lower Upper

200 100

173 23.4 5.2 45.2

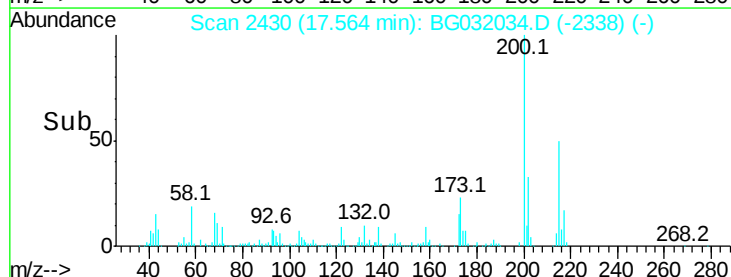
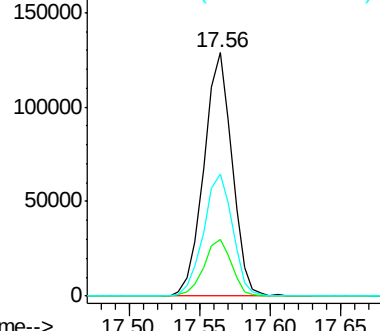
215 50.0 30.4 70.4

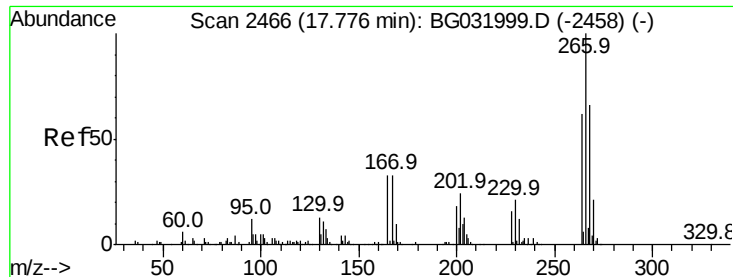


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

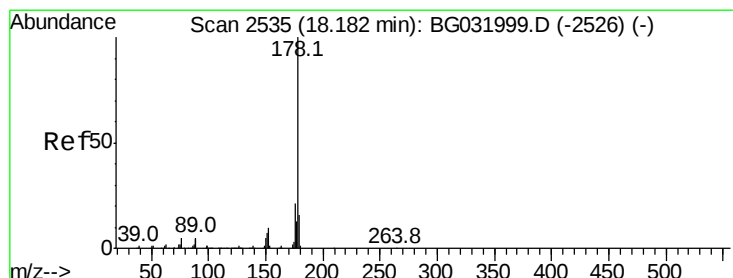
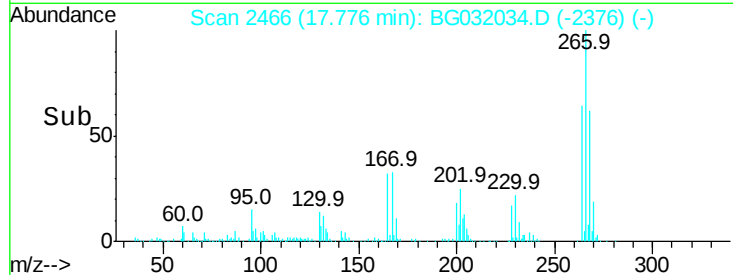
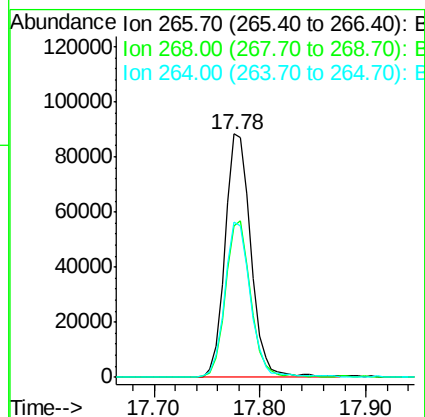
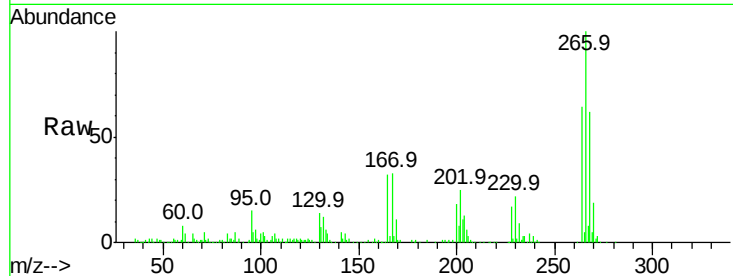




#69
 Pentachlorophenol
 Concen: 45.103 ng
 RT: 17.78 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

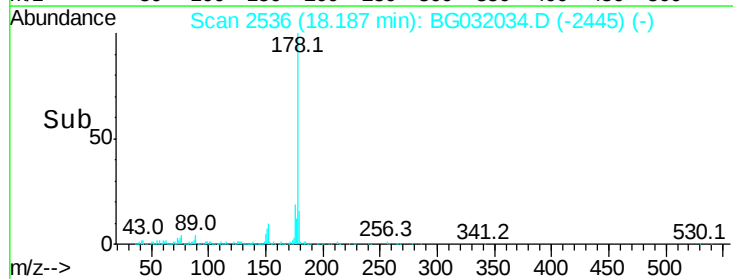
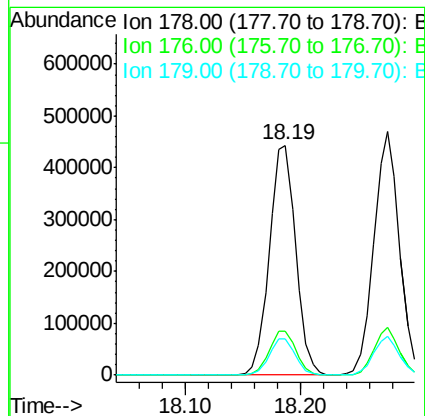
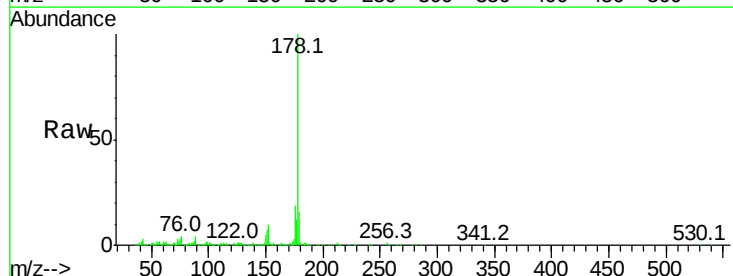
Instrument :
 BNA_G
 ClientSampleId :

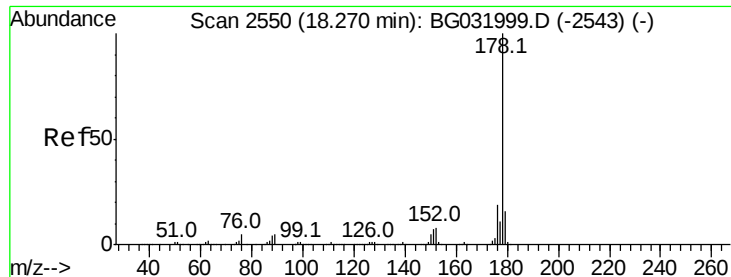
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	63.9	49.6	74.4



#70
 Phenanthrene
 Concen: 38.291 ng
 RT: 18.19 min Scan# 2536
 Delta R.T. 0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	16.0	12.5	18.7





#71

Anthracene

Concen: 39.240 ng

RT: 18.28 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

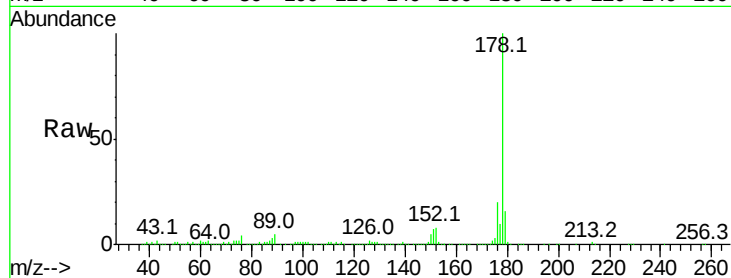
Tot Ion:178 Resp: 719882

Ion Ratio Lower Upper

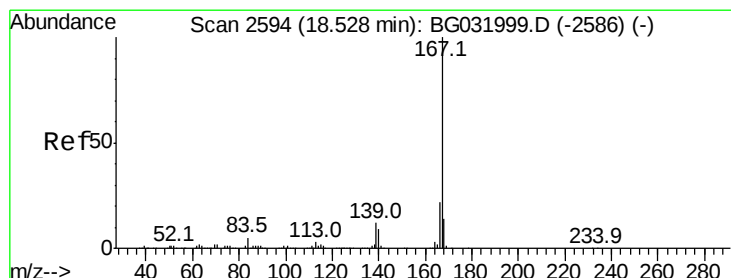
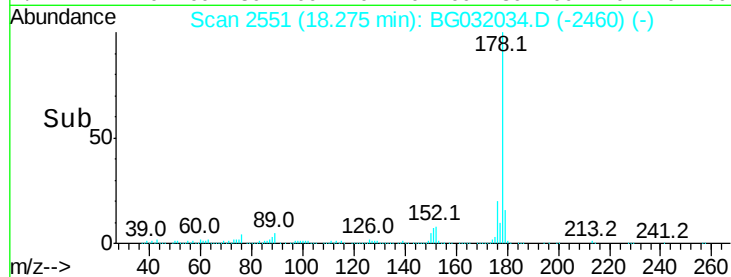
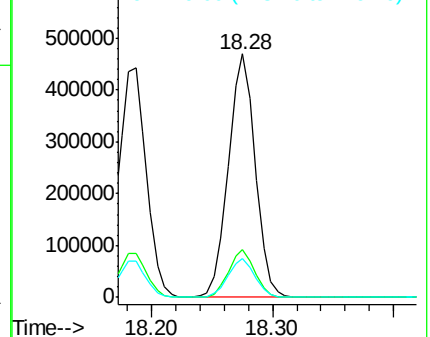
178 100

176 19.8 16.0 24.0

179 15.9 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



#72

Carbazole

Concen: 40.545 ng

RT: 18.53 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

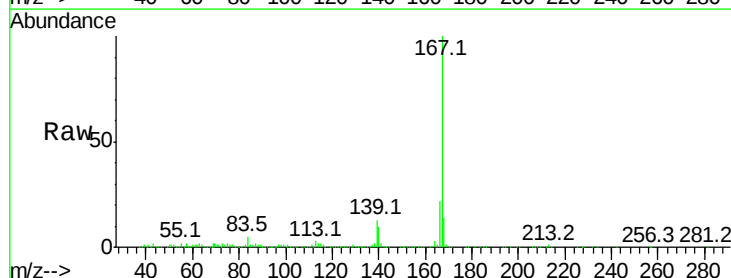
Tgt Ion:167 Resp: 645258

Ion Ratio Lower Upper

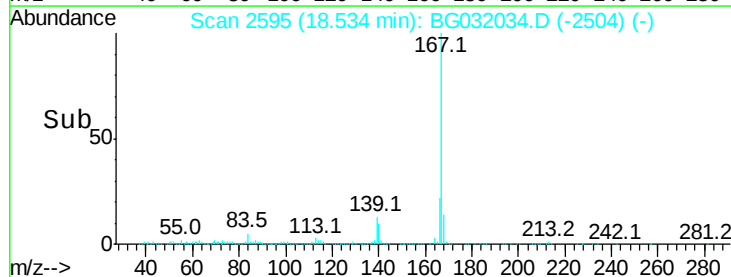
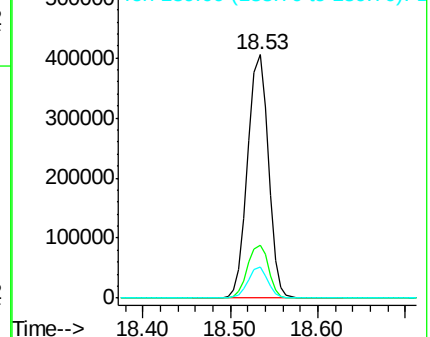
167 100

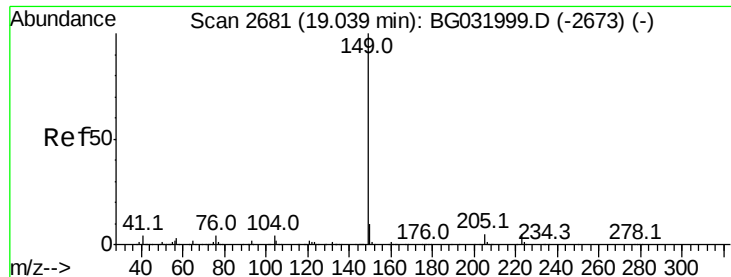
166 21.9 18.2 27.4

139 12.6 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

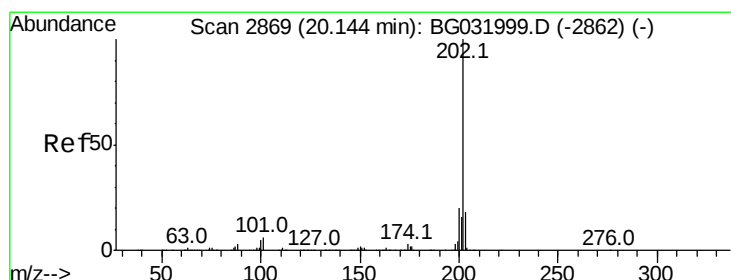
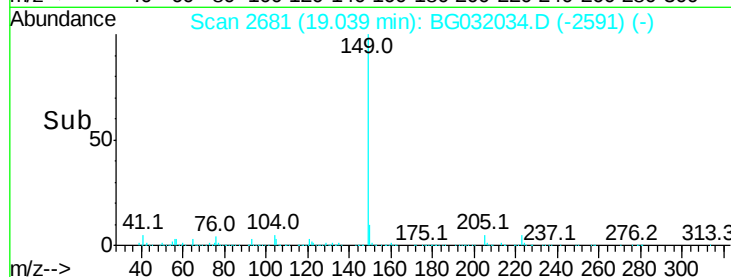
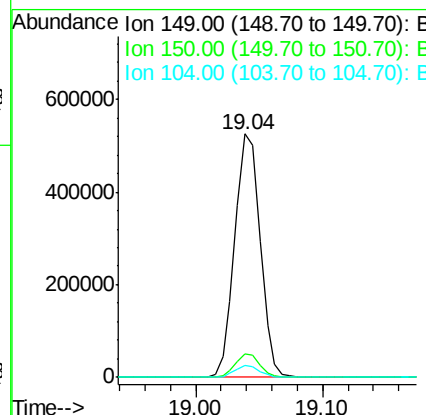
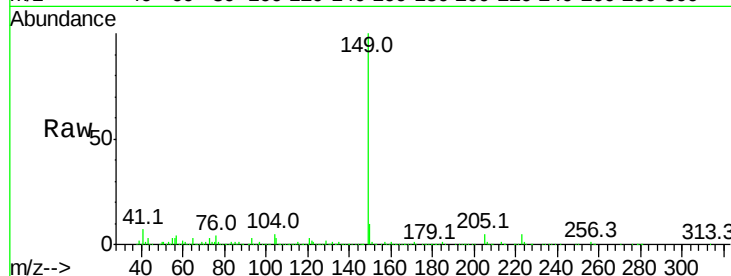




#73
Di-n-butylphthalate
Concen: 38.547 ng
RT: 19.04 min Scan# 2681
Delta R.T. -0.00 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

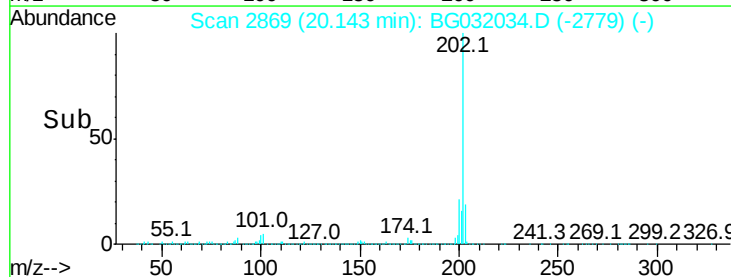
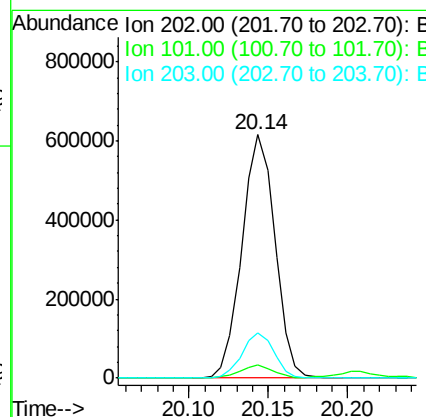
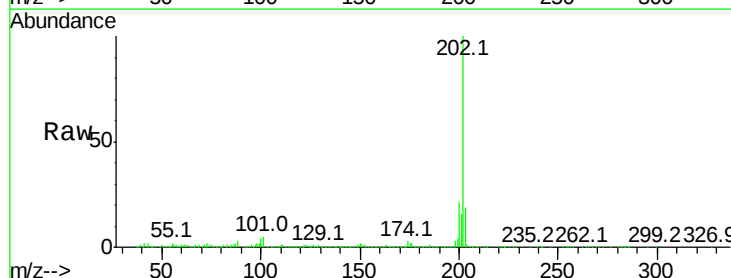
Instrument :
BNA_G
ClientSampleId :

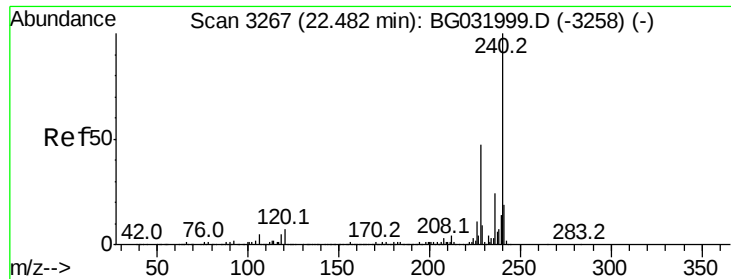
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.7	3.9	5.9



#74
Fluoranthene
Concen: 38.570 ng
RT: 20.14 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	28.9
203	18.7	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3267

Delta R.T. -0.00 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

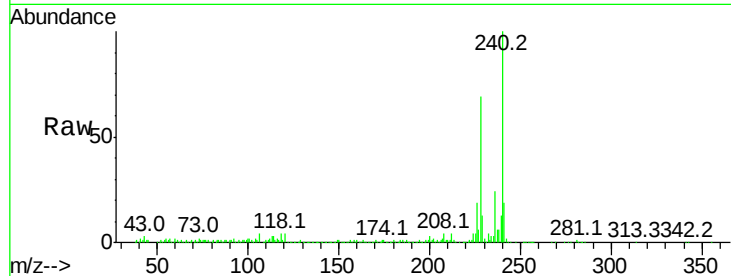
Tot Ion:240 Resp: 414193

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

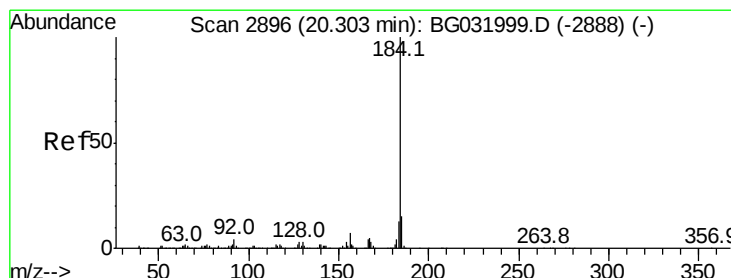
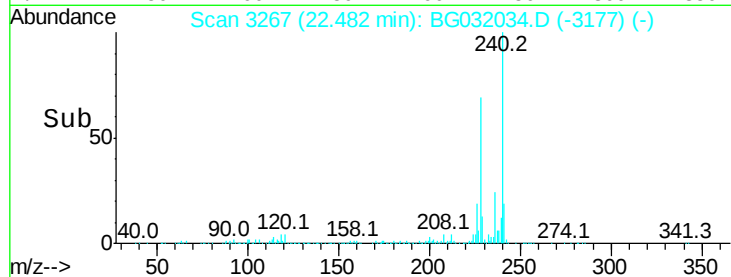
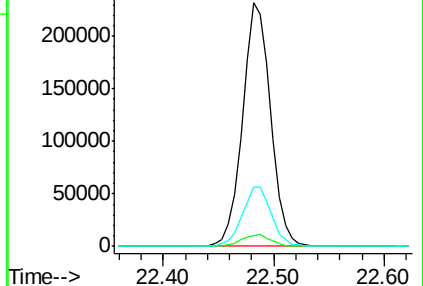
236 24.5 20.9 31.3



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: 23.143 ng

RT: 20.30 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

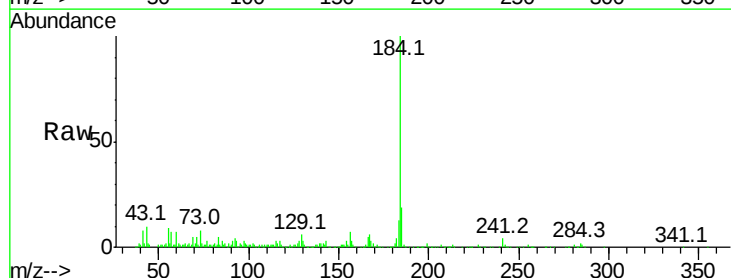
Tgt Ion:184 Resp: 239699

Ion Ratio Lower Upper

184 100

185 19.0 11.1 16.7#

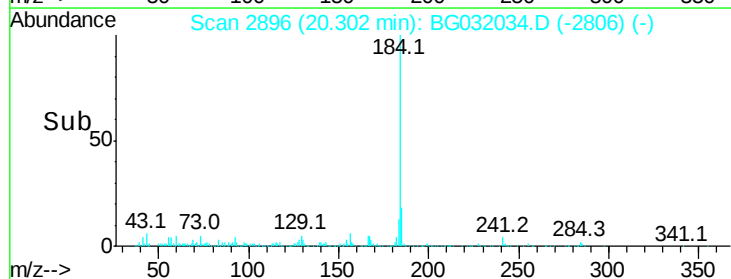
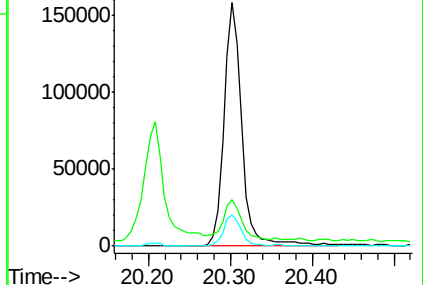
183 12.8 10.6 16.0

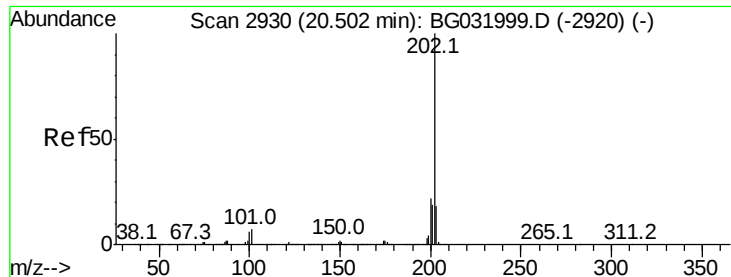


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.652 ng

RT: 20.50 min Scan# 2930

Delta R.T. -0.00 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

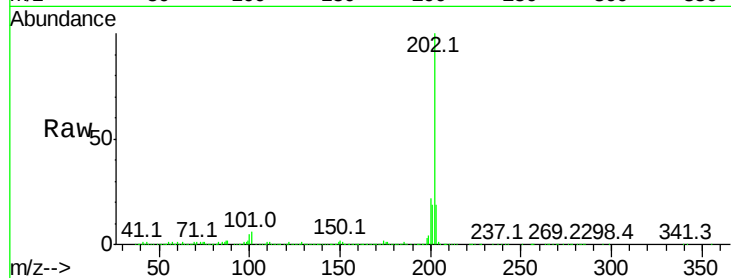
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 928303

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	18.7	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

20.50

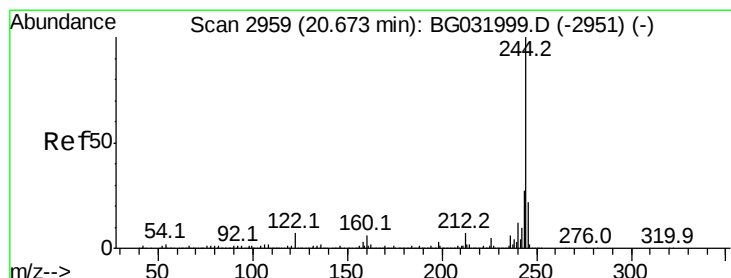
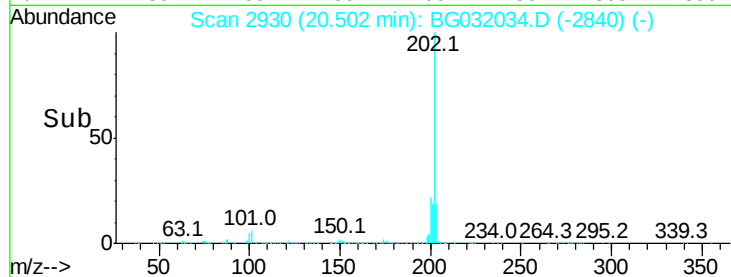
600000

400000

200000

0

Time--> 20.40 20.50 20.60



#78

Terphenyl-d14

Concen: 71.532 ng

RT: 20.67 min Scan# 2959

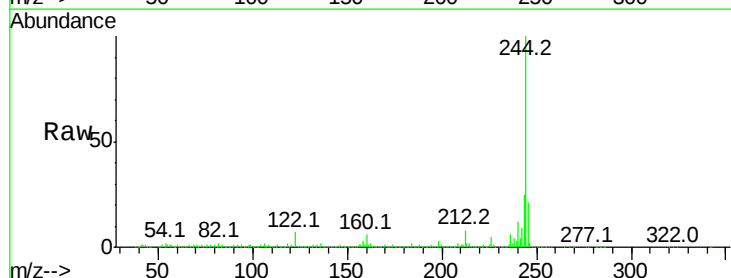
Delta R.T. -0.00 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Tgt Ion:244 Resp: 1341818

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	6.7	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

20.67

1200000

1000000

800000

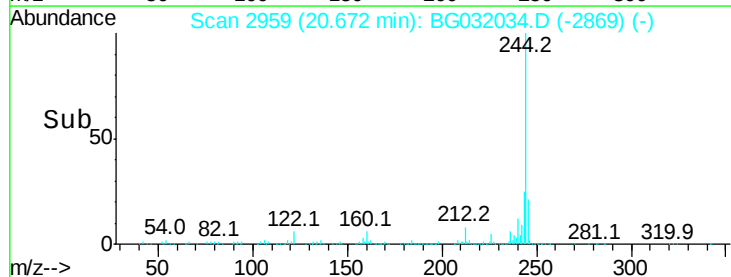
600000

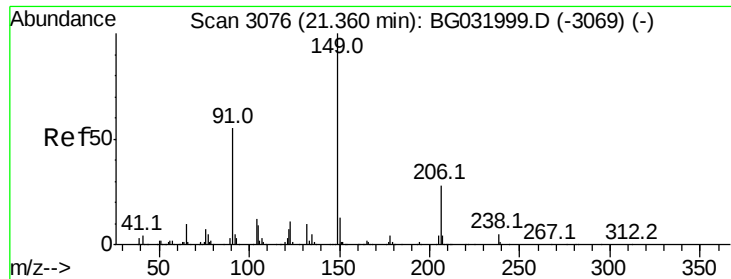
400000

200000

0

Time--> 20.60 20.70 20.80

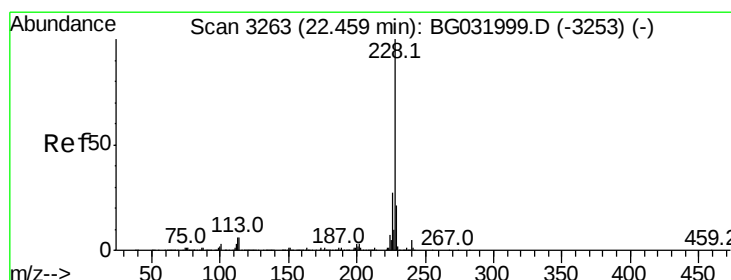
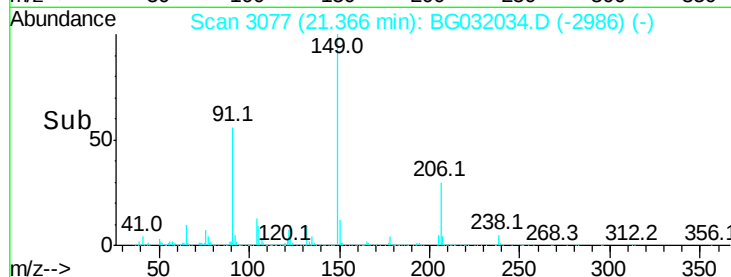
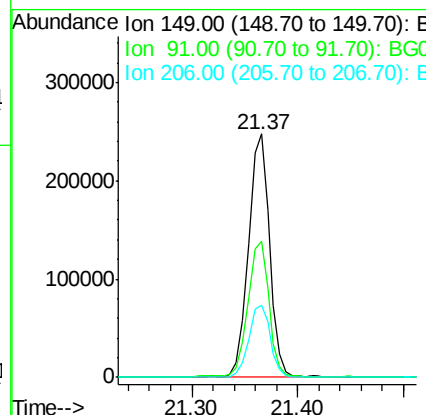
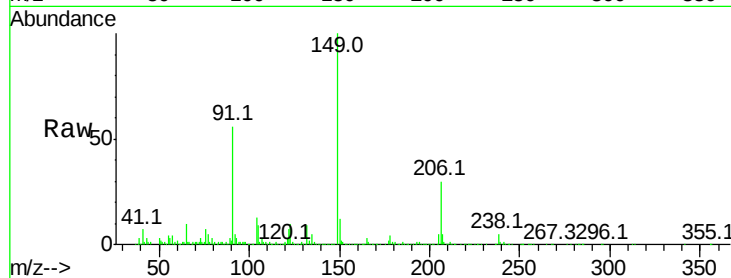




#79
Butylbenzylphthalate
Concen: 36.539 ng
RT: 21.37 min Scan# 3077
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

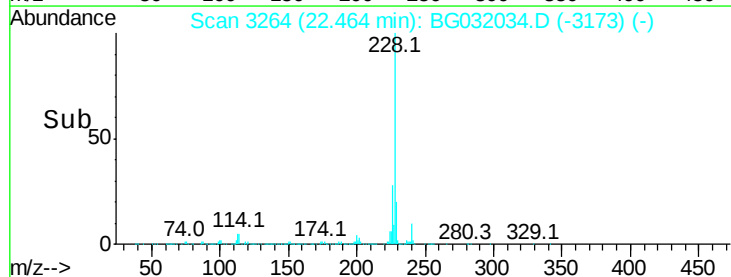
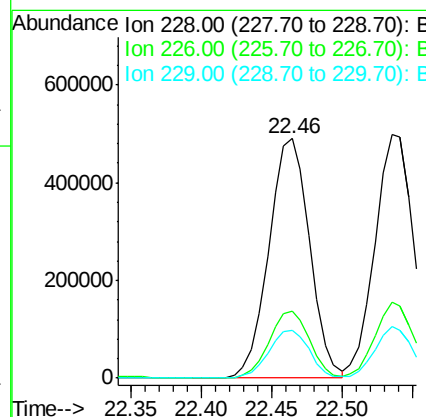
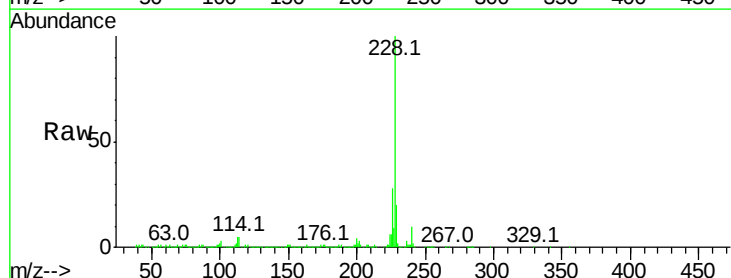
Instrument :
BNA_G
ClientSampleId :

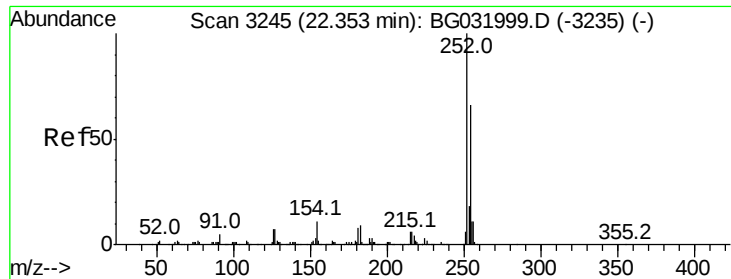
Tot Ion:149 Resp: 340875
Ion Ratio Lower Upper
149 100
91 55.8 62.2 93.2#
206 29.6 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 38.340 ng
RT: 22.46 min Scan# 3264
Delta R.T. 0.01 min
Lab File: BG032034.D
Acq: 15 Jan 2018 16:22

Tgt Ion:228 Resp: 987590
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 19.9 16.2 24.2

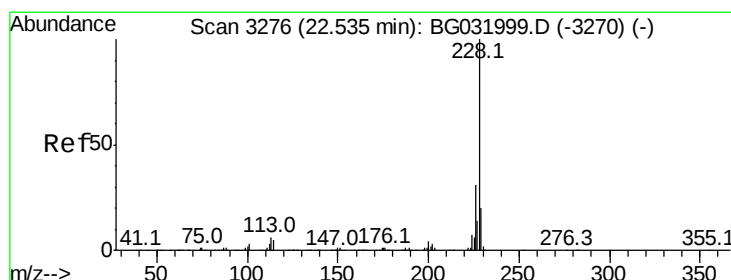
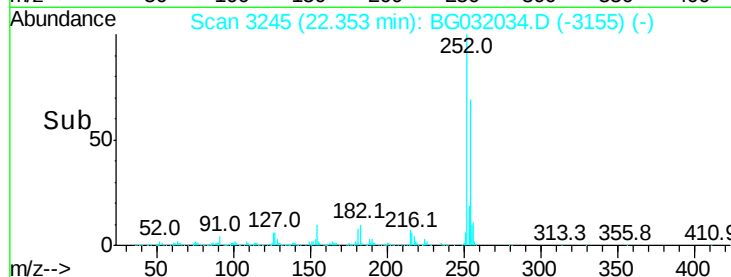
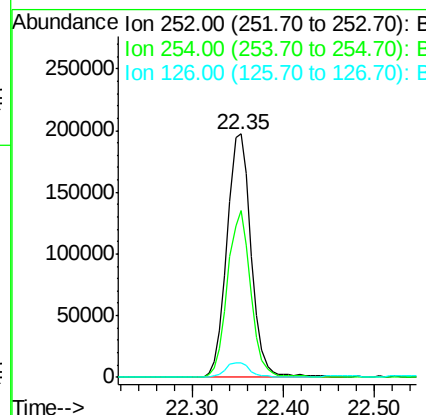
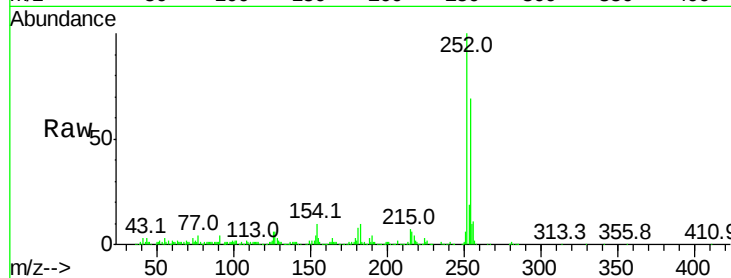




#81
 3,3'-Dichlorobenzidine
 Concen: 38.116 ng
 RT: 22.35 min Scan# 3245
 Delta R.T. -0.00 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

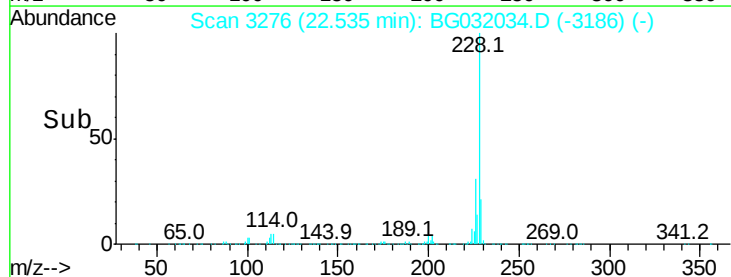
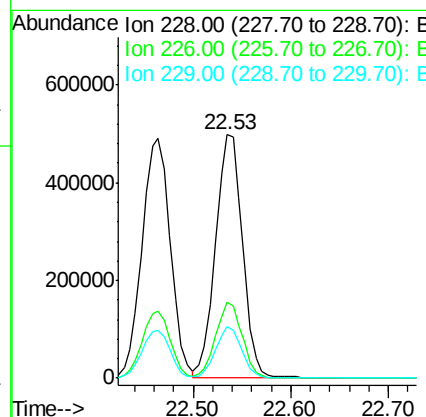
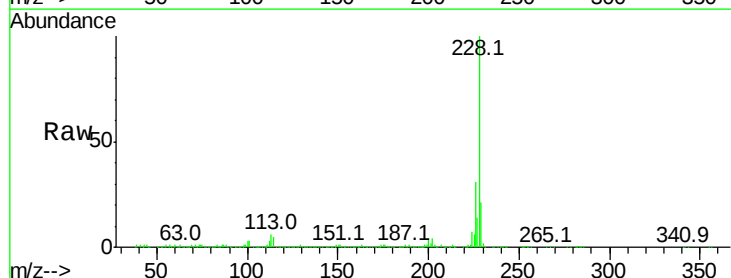
Instrument :
 BNA_G
 ClientSampleId :

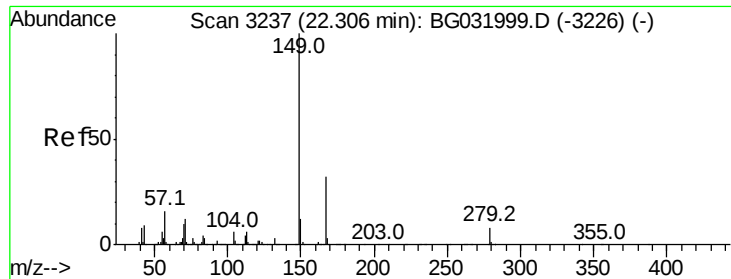
Tot Ion	Ratio	Lower	Upper
252	100		
254	68.6	50.8	76.2
126	6.1	7.4	11.2#



#82
 Chrysene
 Concen: 38.294 ng
 RT: 22.53 min Scan# 3276
 Delta R.T. -0.00 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	21.1	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.517 ng

RT: 22.31 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

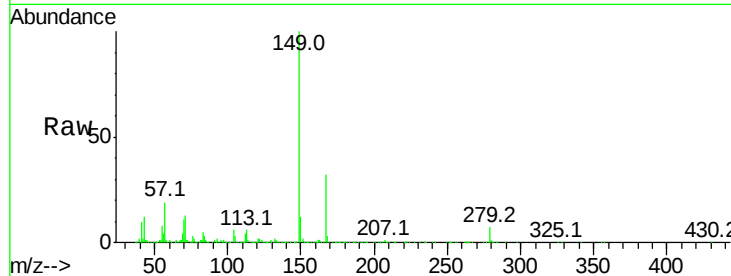
Tot Ion:149 Resp: 513244

Ion Ratio Lower Upper

149 100

167 31.7 24.3 36.5

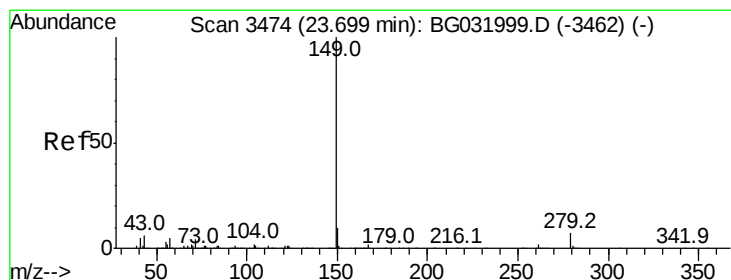
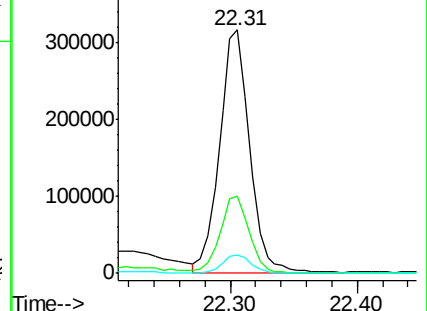
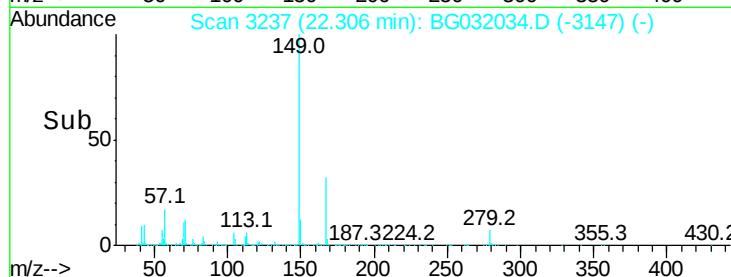
279 7.5 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.241 ng

RT: 23.69 min Scan# 3473

Delta R.T. -0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

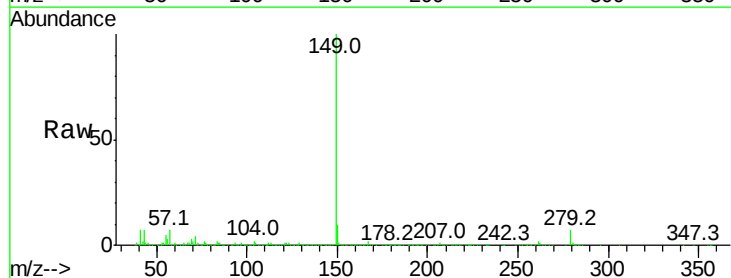
Tgt Ion:149 Resp: 809151

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

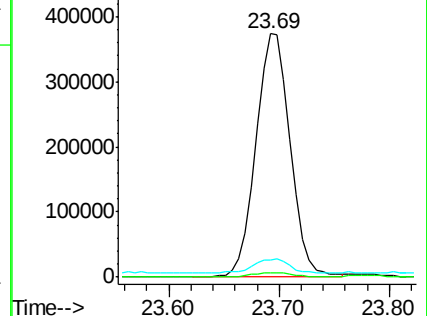
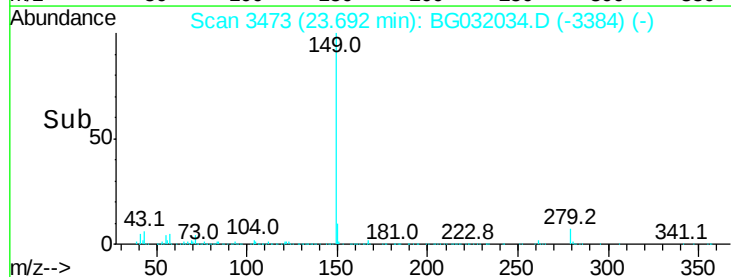
43 6.6 8.9 13.3#

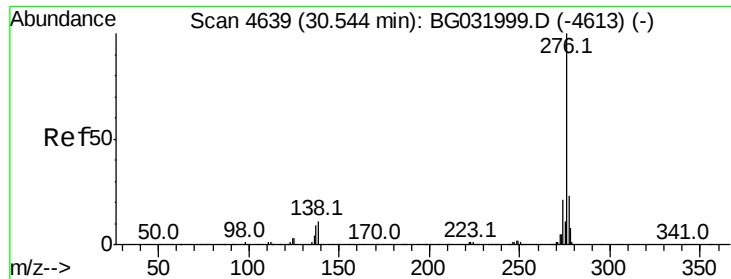


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

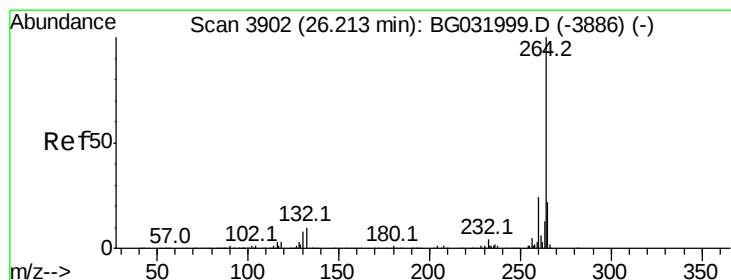
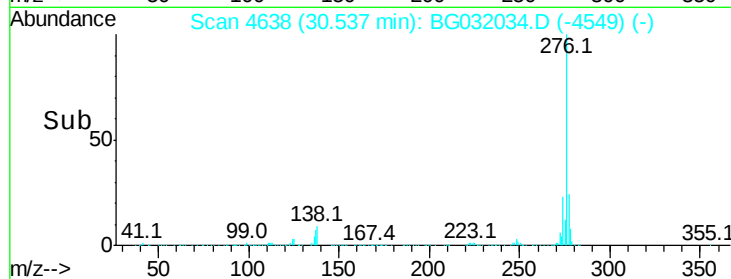
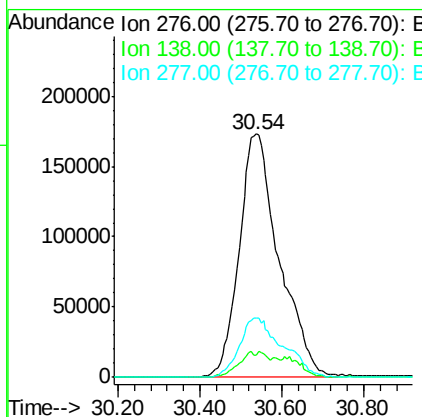
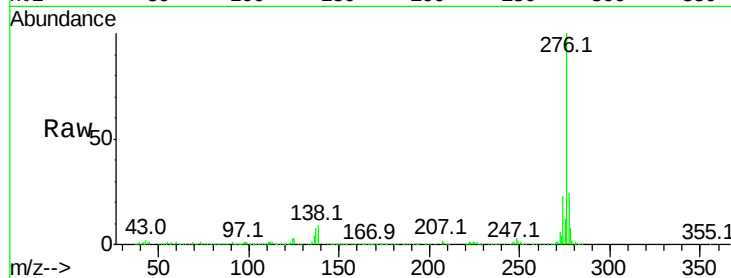




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.840 ng
 RT: 30.54 min Scan# 4638
 Delta R.T. -0.01 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

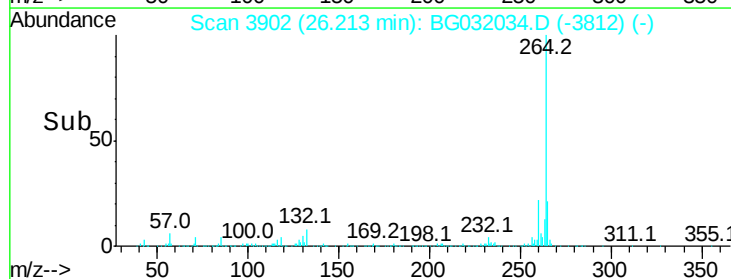
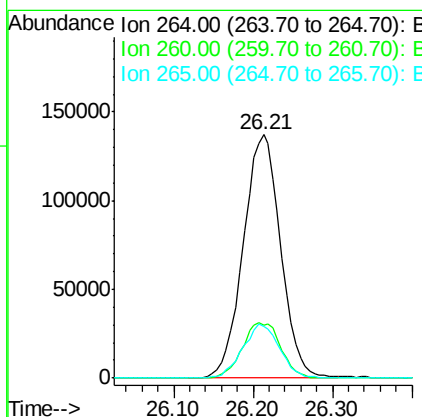
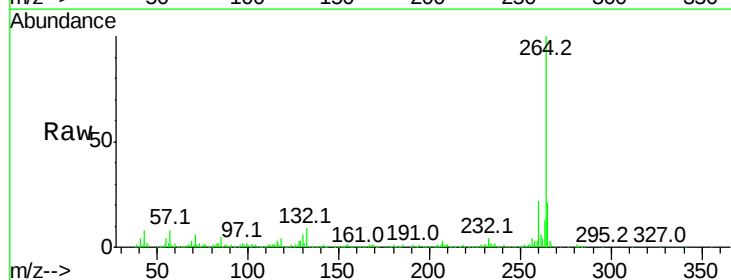
Instrument :
 BNA_G
 ClientSampleId :

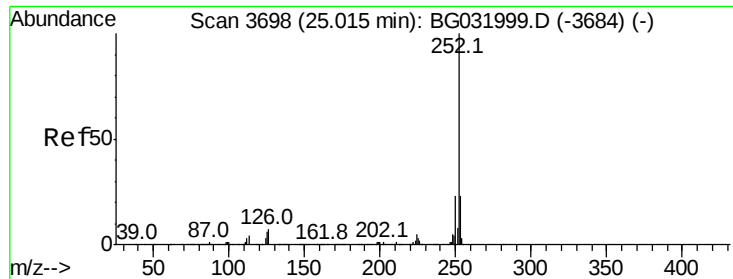
Tot Ion:276 Resp: 1175845
 Ion Ratio Lower Upper
 276 100
 138 4.3 16.0 24.0#
 277 26.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.21 min Scan# 3902
 Delta R.T. -0.00 min
 Lab File: BG032034.D
 Acq: 15 Jan 2018 16:22

Tgt Ion:264 Resp: 449108
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.4 26.0
 265 21.4 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 38.868 ng

RT: 25.01 min Scan# 3698

Delta R.T. -0.00 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampled :

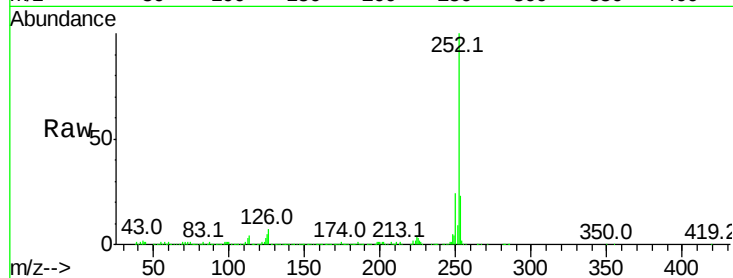
Tot Ion:252 Resp: 1055114

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

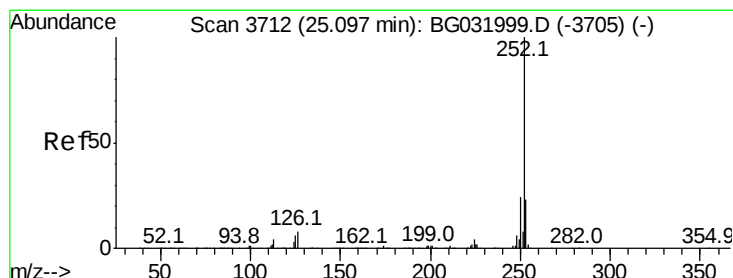
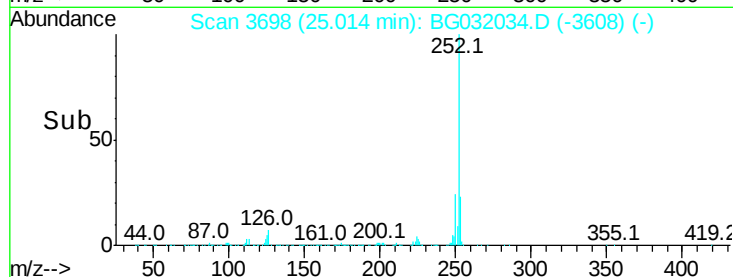
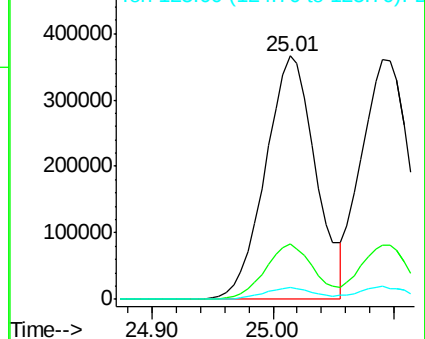
125 5.1 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.918 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

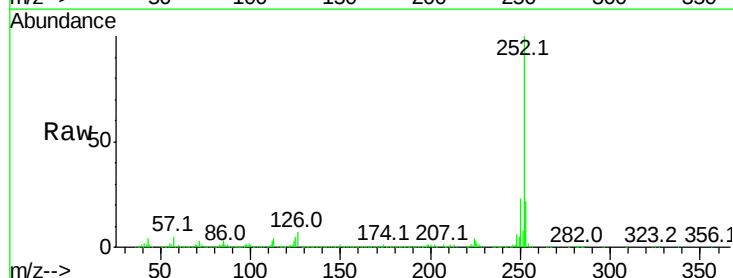
Tgt Ion:252 Resp: 1005831

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

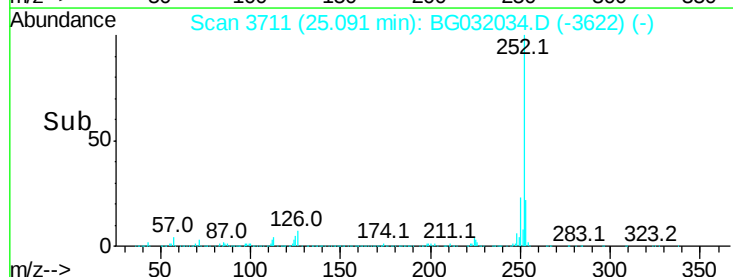
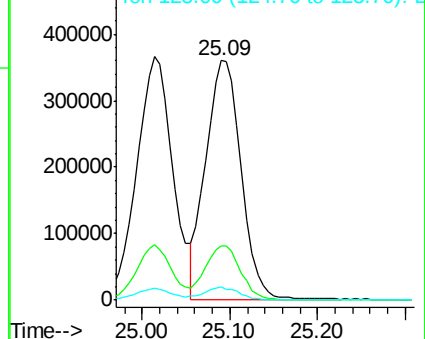
125 5.3 6.6 9.8#

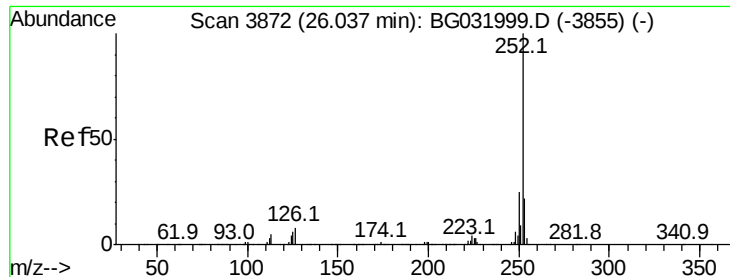


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.169 ng

RT: 26.03 min Scan# 3871

Delta R.T. -0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

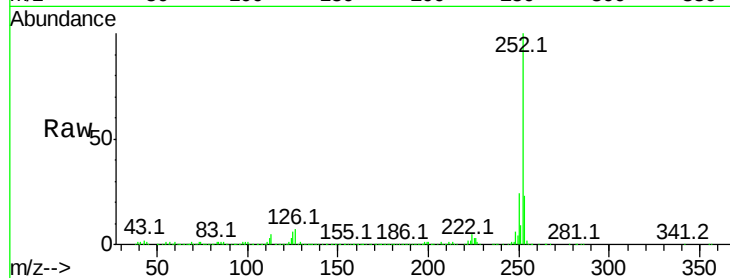
Tot Ion:252 Resp: 980149

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	5.8	7.3	10.9

252 100

253 22.6 18.3 27.5

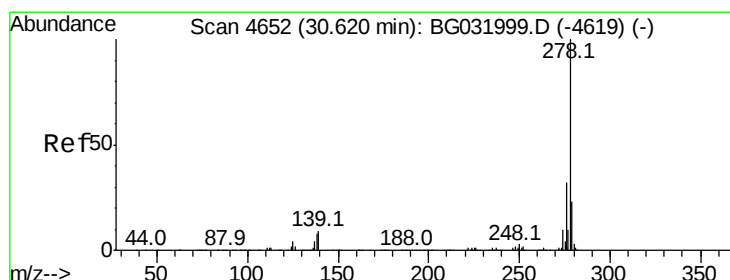
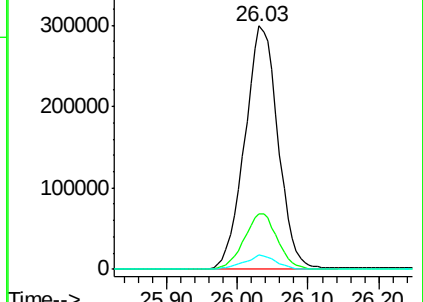
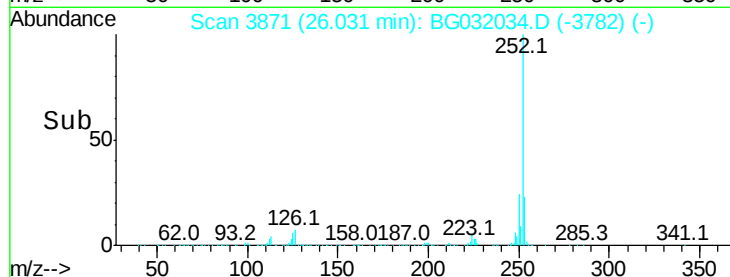
125 5.8 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.535 ng

RT: 30.62 min Scan# 4652

Delta R.T. -0.00 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

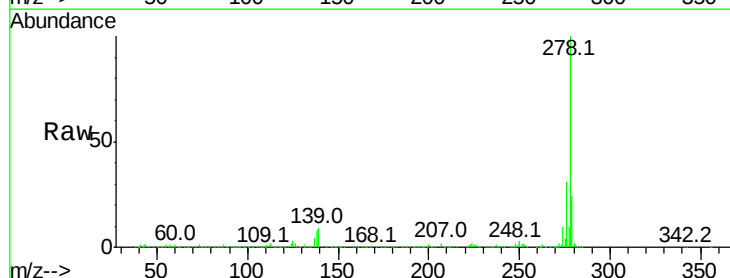
Tgt Ion:278 Resp: 953565

Ion	Ratio	Lower	Upper
278	100		
139	8.8	9.8	14.6
279	24.1	18.4	27.6

278 100

139 8.8 9.8 14.6

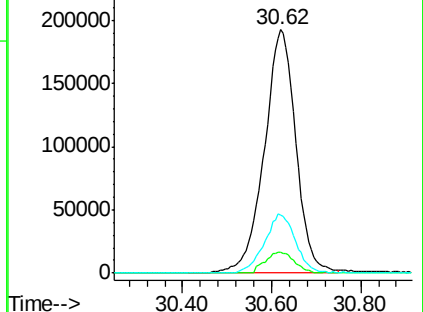
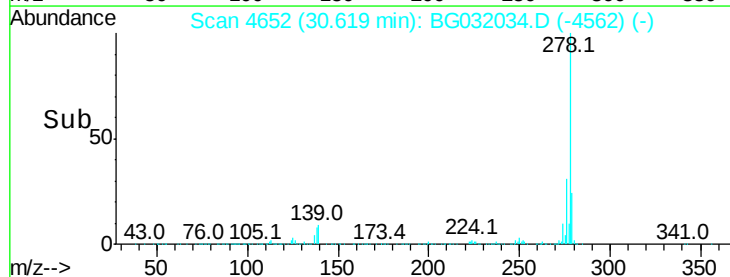
279 24.1 18.4 27.6

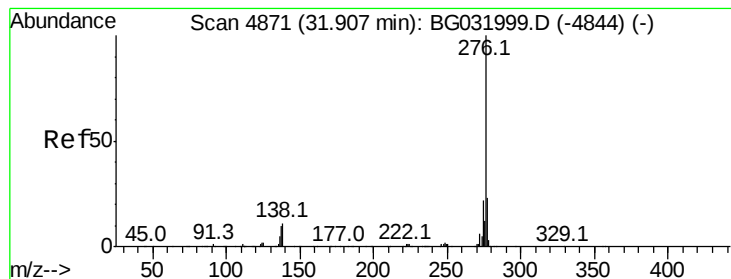


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.749 ng

RT: 31.90 min Scan# 4870

Delta R.T. -0.01 min

Lab File: BG032034.D

Acq: 15 Jan 2018 16:22

Instrument :

BNA_G

ClientSampleId :

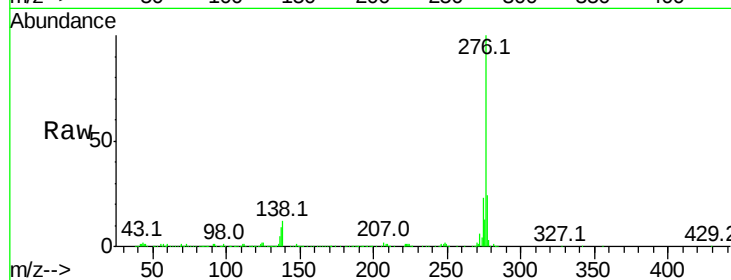
Tot Ion:276 Resp: 980059

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 12.1 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

