

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
 Data File : BG032050.D
 Acq On : 16 Jan 2018 2:58
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 06:27:17 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	8.77	152	43010	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	180726	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	133056	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	354718	20.00	ng	0.00
75) Chrysene-d12	22.47	240	421715	20.00	ng	-0.01
86) Perylene-d12	26.19	264	448015	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	178549	75.93	ng	0.00
7) Phenol-d6	7.87	99	238270	80.45	ng	0.00
23) Nitrobenzene-d5	9.96	82	224415	84.01	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	185206	84.12	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	823306	76.72	ng	0.00
78) Terphenyl-d14	20.67	244	1427018	74.72	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.85	88	32270	35.718	ng	# 72
3) Pyridine	4.30	79	91718	38.033	ng	# 87
4) n-Nitrosodimethylamine	4.20	42	36692	43.309	ng	# 88
6) Aniline	8.06	93	148492	39.749	ng	# 94
8) 2-Chlorophenol	8.31	128	102841	39.081	ng	# 81
9) Benzaldehyde	7.87	77	66899	38.985	ng	# 82
10) Phenol	7.90	94	115263	39.507	ng	# 96
11) bis(2-Chloroethyl)ether	8.15	93	90632	38.775	ng	# 82
12) 1,3-Dichlorobenzene	9.13	146	125439	36.422	ng	# 96
13) 1,4-Dichlorobenzene	8.81	146	131570	37.941	ng	# 98
14) 1,2-Dichlorobenzene	9.13	146	129312	38.555	ng	# 96
15) Benzyl Alcohol	9.00	79	92606	43.041	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	9.29	45	91055	38.332	ng	# 82
17) 2-Methylphenol	9.20	107	88964	39.900	ng	# 95
18) Hexachloroethane	9.89	117	41943	39.356	ng	# 80
19) n-Nitroso-di-n-propylamine	9.58	70	75101	40.868	ng	# 88
20) 3+4-Methylphenols	9.53	107	126644	41.001	ng	# 95
22) Acetophenone	9.61	105	166252	40.498	ng	# 88
24) Nitrobenzene	10.01	77	109621	41.140	ng	# 85
25) Isophorone	10.53	82	206181	41.451	ng	# 85
26) 2-Nitrophenol	10.74	139	65934	41.761	ng	# 82
27) 2,4-Dimethylphenol	10.77	122	101488	40.507	ng	# 93
28) bis(2-Chloroethoxy)methane	11.01	93	117533	39.219	ng	# 92
29) 2,4-Dichlorophenol	11.28	162	128817	41.784	ng	# 89
30) 1,2,4-Trichlorobenzene	11.50	180	161485	40.559	ng	# 98
31) Naphthalene	11.70	128	351761	39.291	ng	# 98
32) Benzoic acid	10.87	122	76627	39.206	ng	# 77
33) 4-Chloroaniline	11.80	127	159232	41.476	ng	# 93
34) Hexachlorobutadiene	11.97	225	115621	40.431	ng	# 96
35) Caprolactam	12.55	113	41747	44.636	ng	# 54
36) 4-Chloro-3-methylphenol	12.87	107	122544	43.427	ng	# 83
37) 2-Methylnaphthalene	13.26	142	286408	40.295	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	224265	38.667	ng	# 95
40) Hexachlorocyclopentadiene	13.59	237	125353	38.373	ng	# 90

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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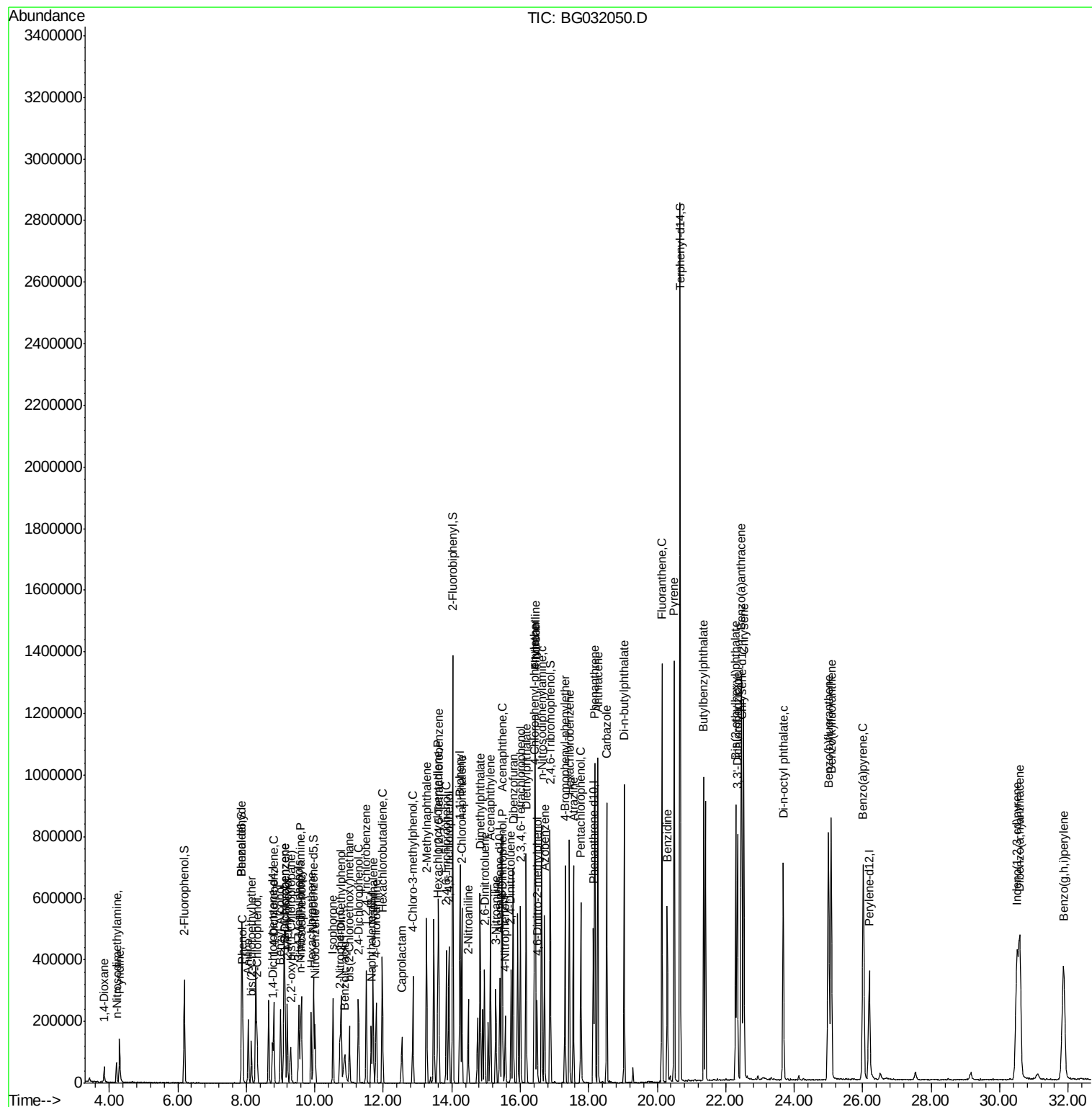
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	134736	41.345	nq	95
43) 2,4,5-Trichlorophenol	13.92	196	156619	41.520	nq #	91
45) 1,1'-Biphenyl	14.24	154	435233	38.156	nq	96
46) 2-Chloronaphthalene	14.29	162	338681	38.167	nq	97
47) 2-Nitroaniline	14.48	65	76597	45.090	nq #	77
48) Acenaphthylene	15.13	152	529207	39.164	nq	98
49) Dimethylphthalate	14.83	163	473005	40.624	nq	98
50) 2,6-Dinitrotoluene	14.96	165	100361	41.527	nq #	73
51) Acenaphthene	15.47	154	354838	39.713	nq	96
52) 3-Nitroaniline	15.29	138	91413	41.879	nq #	69
53) 2,4-Dinitrophenol	15.49	184	37937	35.532	nq #	51
54) Dibenzofuran	15.79	168	530564	39.805	nq	99
55) 4-Nitrophenol	15.56	139	69140	43.463	nq #	78
56) 2,4-Dinitrotoluene	15.73	165	144299	44.348	nq #	65
57) Fluorene	16.44	166	441562	40.393	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.00	232	154960	44.408	nq #	85
59) Diethylphthalate	16.17	149	463609	41.072	nq	95
60) 4-Chlorophenyl-phenylether	16.41	204	272114	40.578	nq	92
61) 4-Nitroaniline	16.44	138	91756	43.821	nq	90
62) Azobenzene	16.71	77	287323	40.668	nq	85
64) 4,6-Dinitro-2-methylphenol	16.49	198	86079	38.939	nq #	71
65) n-Nitrosodiphenylamine	16.63	169	410102	38.101	nq	98
66) 4-Bromophenyl-phenylether	17.31	248	196236	38.882	nq	95
67) Hexachlorobenzene	17.44	284	208535	37.347	nq #	90
68) Atrazine	17.55	200	184068	40.664	nq	98
69) Pentachlorophenol	17.77	266	145464	40.757	nq	97
70) Phenanthrene	18.18	178	759585	38.461	nq	99
71) Anthracene	18.26	178	763573	38.765	nq	97
72) Carbazole	18.52	167	670933	39.265	nq	100
73) Di-n-butylphthalate	19.03	149	788462	39.049	nq	99
74) Fluoranthene	20.13	202	978037	39.553	nq	95
76) Benzidine	20.30	184	389818	36.965	nq	98
77) Pyrene	20.49	202	994854	37.527	nq	97
79) Butylbenzylphthalate	21.36	149	354685	37.341	nq #	77
80) Benzo(a)anthracene	22.45	228	1018245	38.825	nq	99
81) 3,3'-Dichlorobenzidine	22.34	252	392650	40.078	nq #	97
82) Chrysene	22.53	228	983328	39.041	nq	99
83) Bis(2-ethylhexyl)phthalate	22.30	149	509247	36.561	nq #	98
84) Di-n-octyl phthalate	23.68	149	822001	37.158	nq #	89
85) Indeno(1,2,3-cd)pyrene	30.51	276	1187458	38.524	nq #	88
87) Benzo(b)fluoranthene	25.00	252	1064862	39.323	nq #	95
88) Benzo(k)fluoranthene	25.08	252	1030748	38.953	nq #	97
89) Benzo(a)pyrene	26.01	252	1001965	39.114	nq #	95
90) Dibenzo(a,h)anthracene	30.59	278	965035	39.093	nq #	96
91) Benzo(g,h,i)perylene	31.87	276	995343	39.450	nq #	92

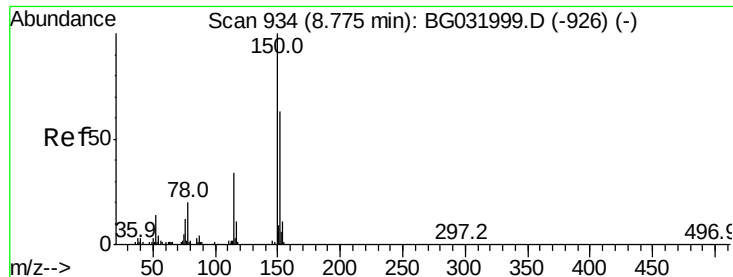
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.77 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

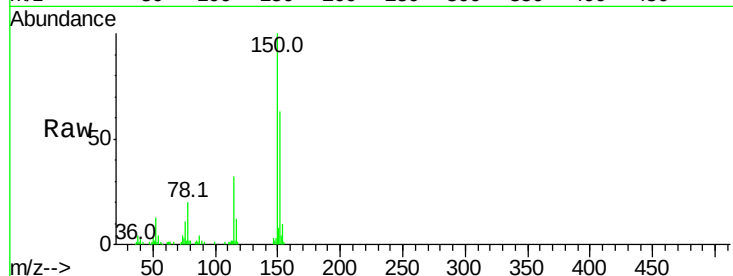
Tot Ion:152 Resp: 43010

Ion Ratio Lower Upper

152 100

150 157.7 126.6 189.8

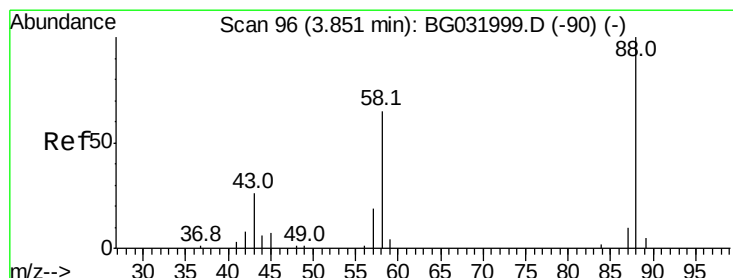
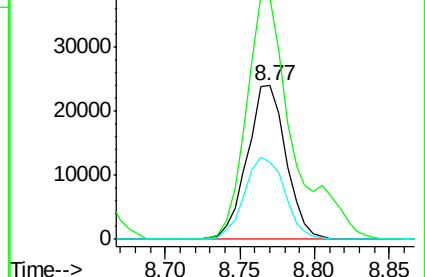
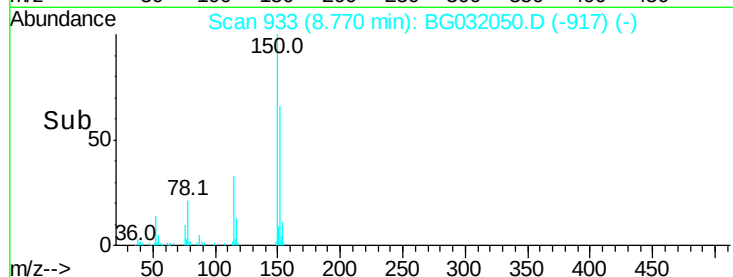
115 50.2 53.0 79.4#



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: 35.718 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

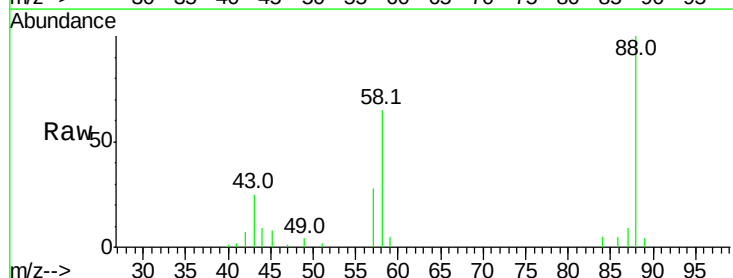
Tgt Ion: 88 Resp: 32270

Ion Ratio Lower Upper

88 100

58 66.6 79.6 119.4#

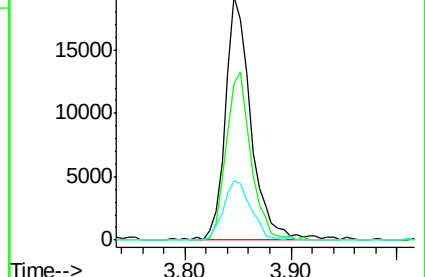
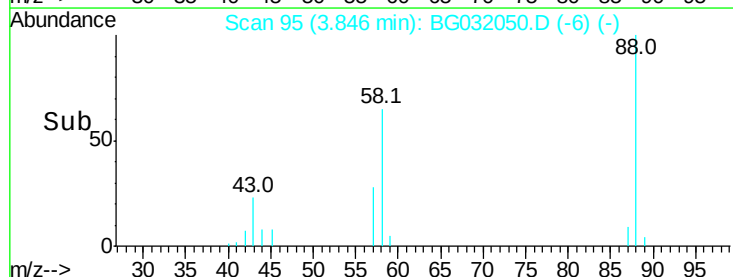
43 26.1 27.4 41.0#

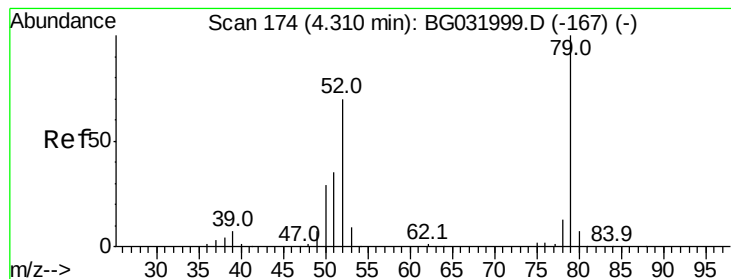


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.033 ng

RT: 4.30 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

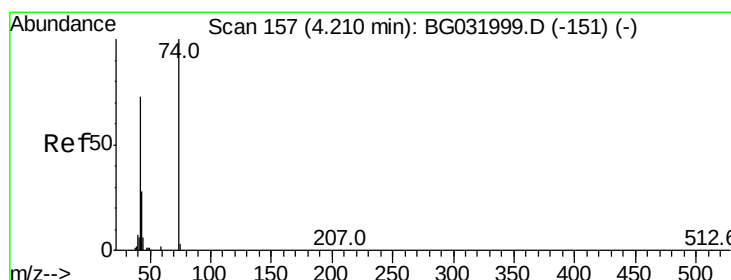
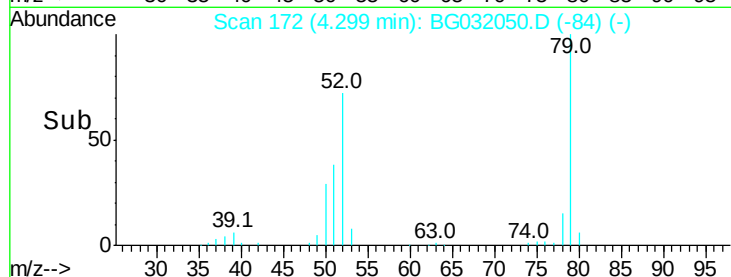
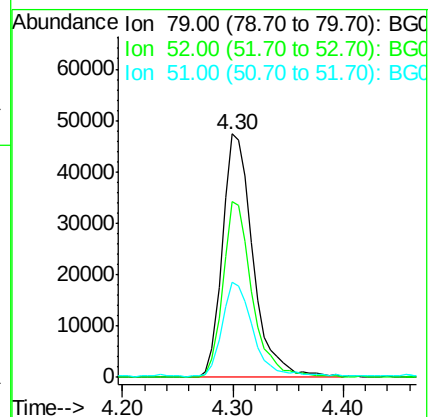
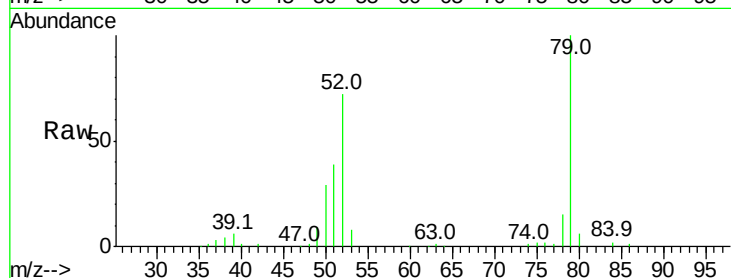
Tot Ion: 79 Resp: 91718

Ion Ratio Lower Upper

79 100

52 72.1 69.9 104.9

51 39.1 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 43.309 ng

RT: 4.20 min Scan# 156

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

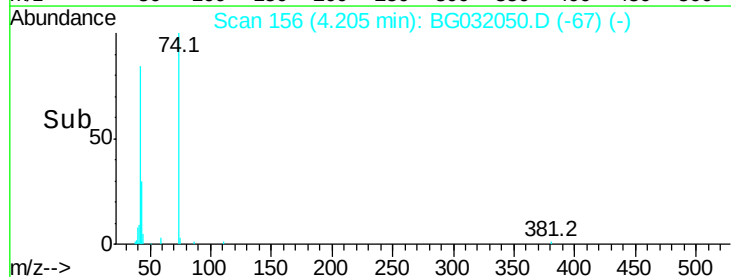
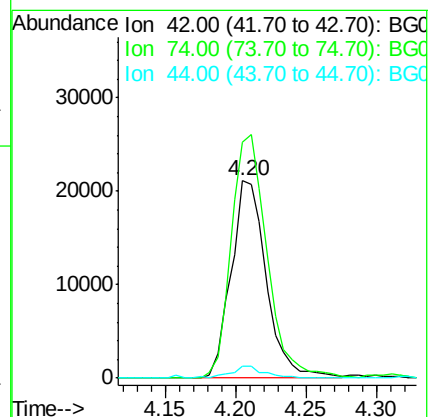
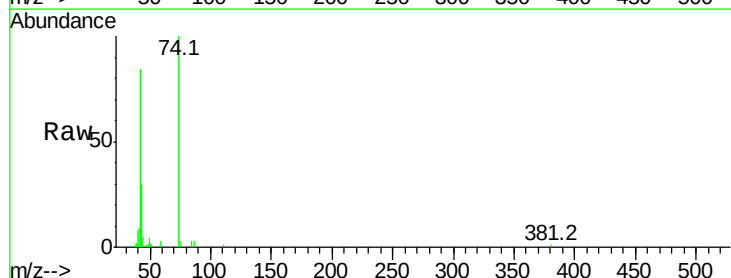
Tgt Ion: 42 Resp: 36692

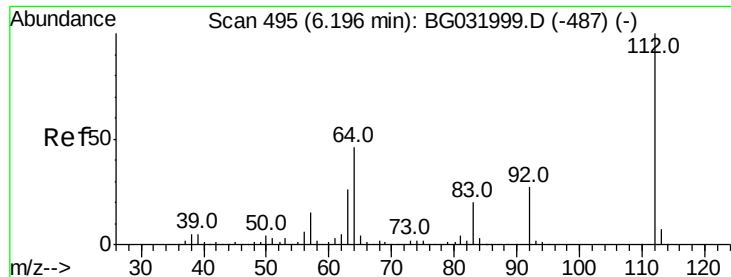
Ion Ratio Lower Upper

42 100

74 119.5 102.5 153.7

44 5.9 18.9 28.3#





#5

2-Fluorophenol

Concen: 75.925 ng

RT: 6.19 min Scan# 494

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

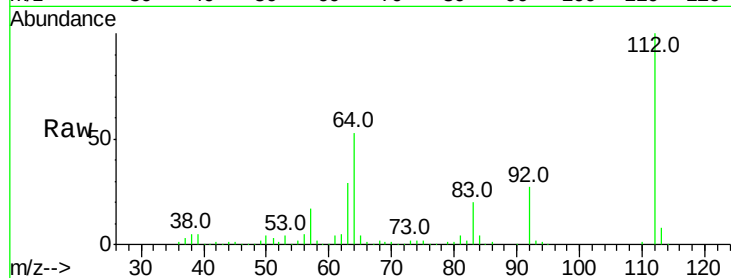
Tot Ion:112 Resp: 178549

Ion Ratio Lower Upper

112 100

64 52.8 56.3 84.5#

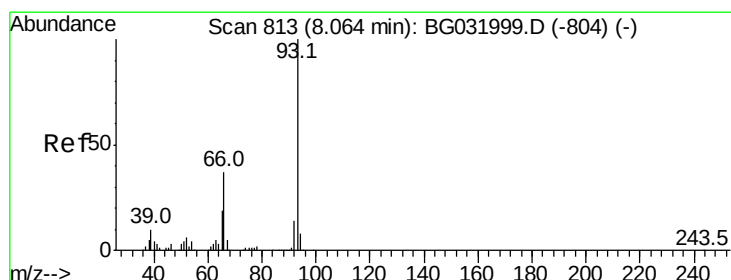
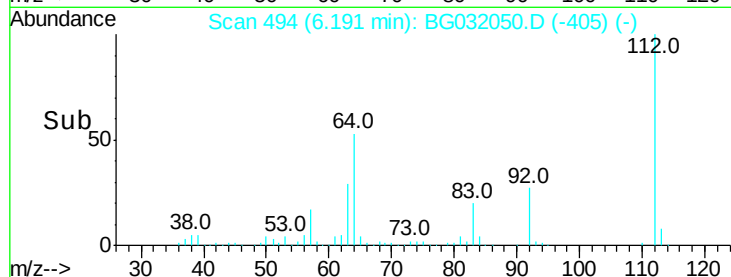
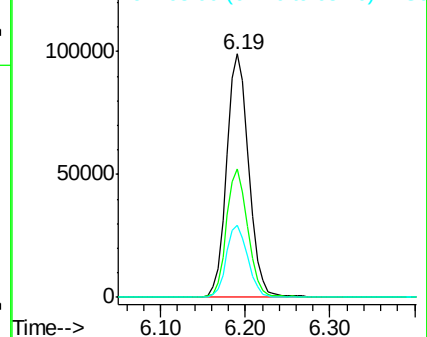
63 29.5 30.1 45.1#



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: 39.749 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

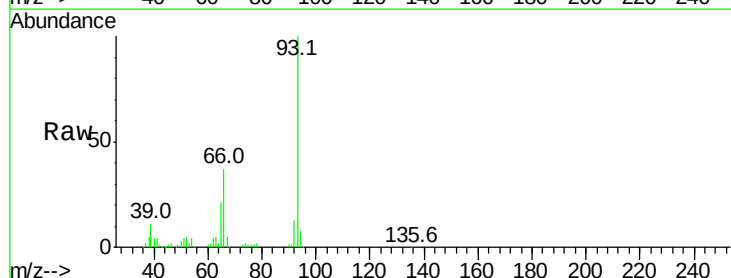
Tgt Ion: 93 Resp: 148492

Ion Ratio Lower Upper

93 100

66 36.9 33.7 50.5

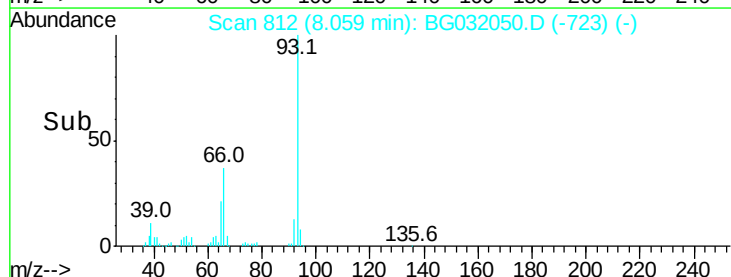
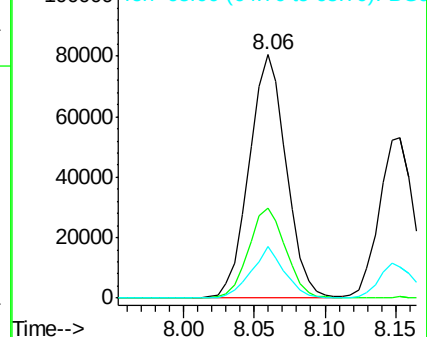
65 21.1 16.1 24.1

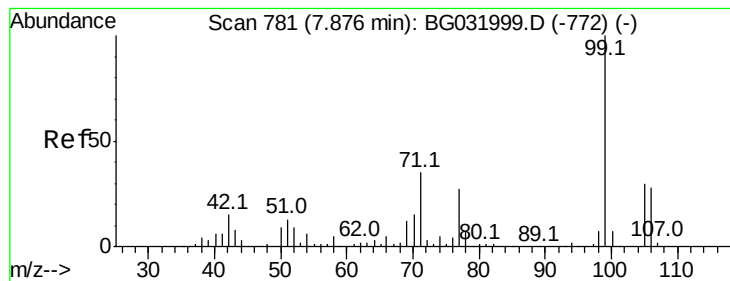


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.449 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

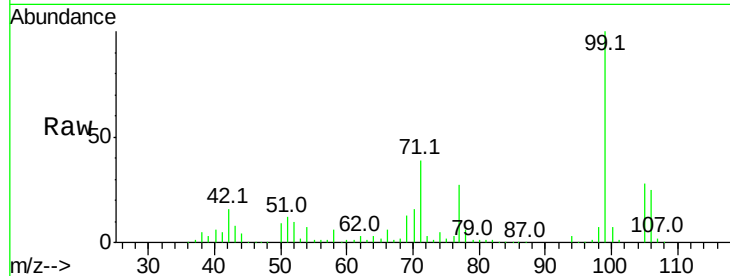
Tot Ion: 99 Resp: 238270

Ion Ratio Lower Upper

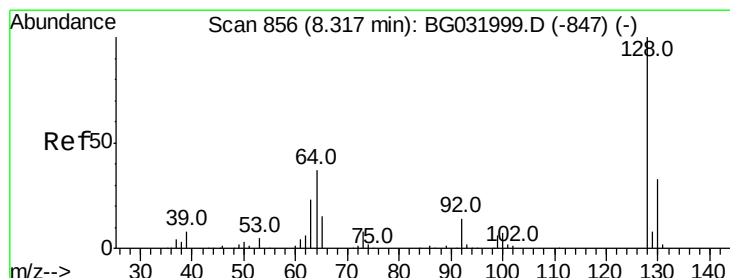
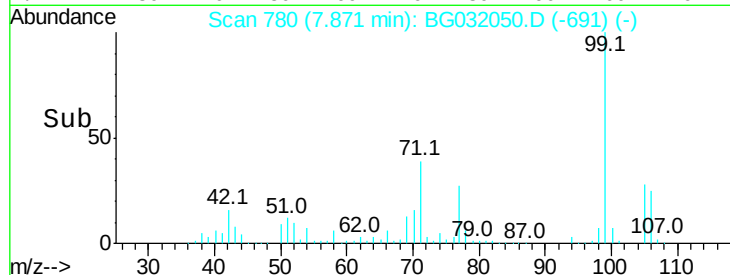
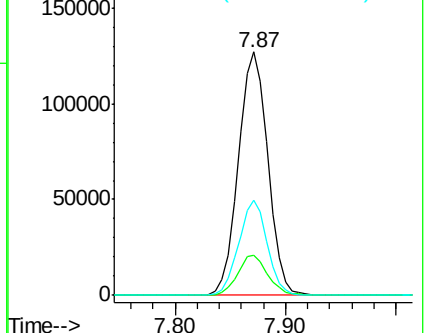
99 100

42 16.2 14.1 21.1

71 38.9 26.1 39.1



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



#8

2-Chlorophenol

Concen: 39.081 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

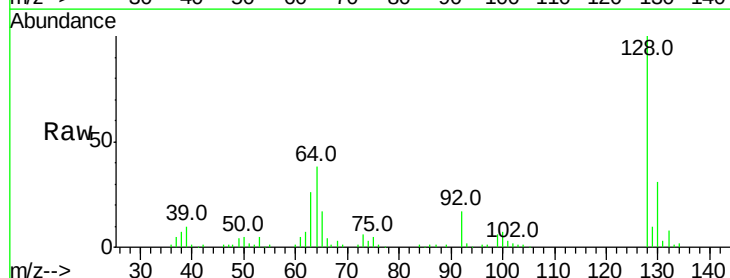
Tgt Ion: 128 Resp: 102841

Ion Ratio Lower Upper

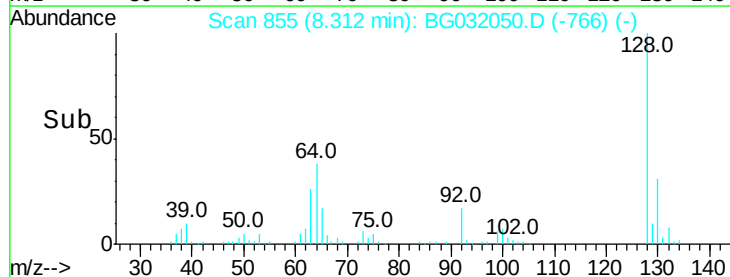
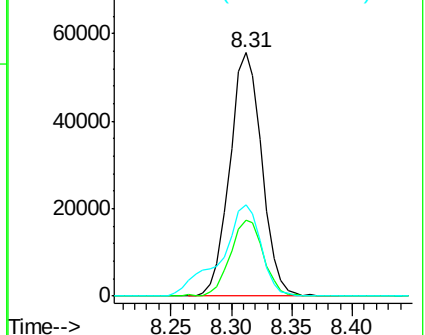
128 100

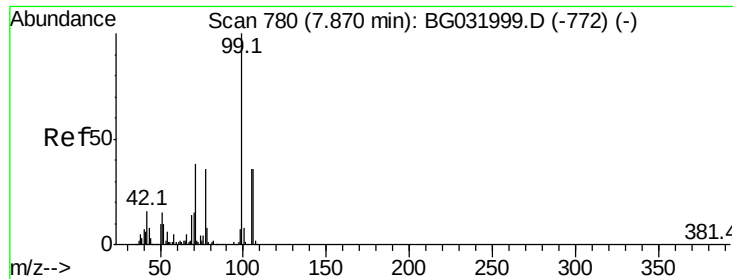
130 31.3 14.0 54.0

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





#9

Benzaldehyde

Concen: 38.985 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampled :

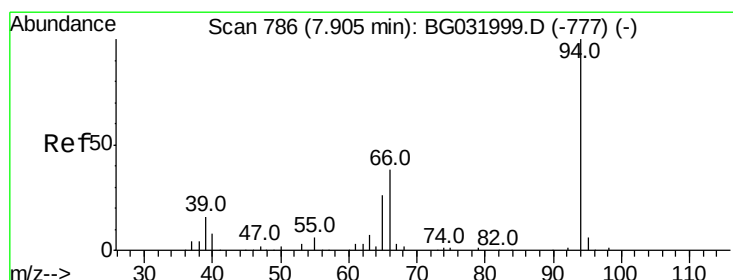
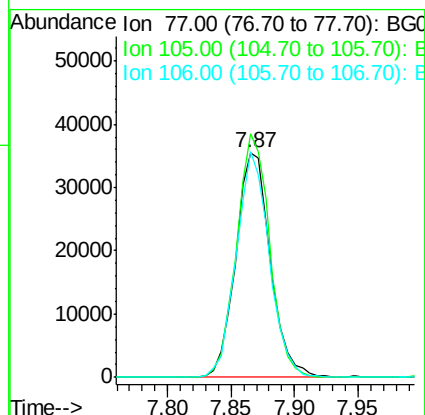
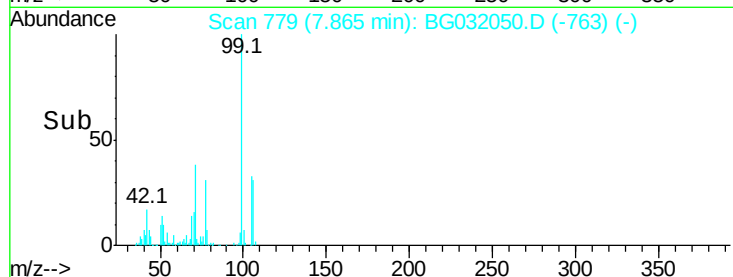
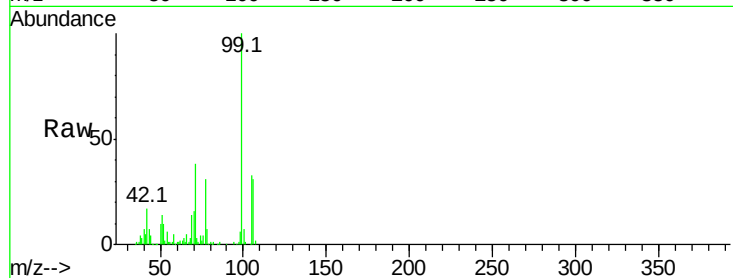
Tot Ion: 77 Resp: 66899

Ion Ratio Lower Upper

77 100

105 108.5 71.3 111.3

106 100.7 64.2 104.2



#10

Phenol

Concen: 39.507 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

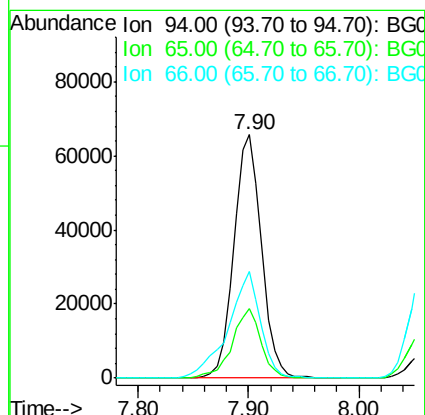
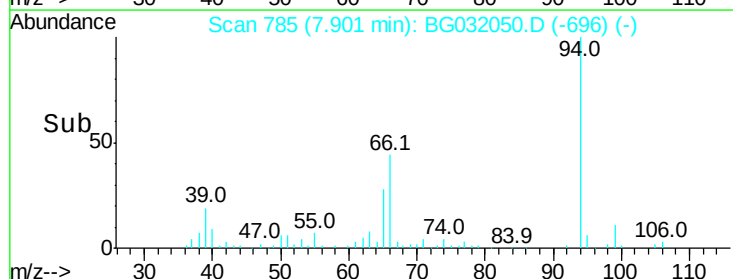
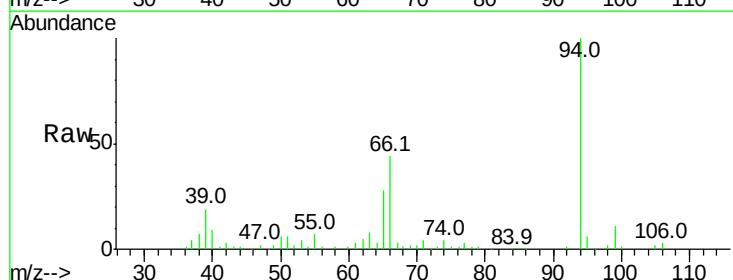
Tgt Ion: 94 Resp: 115263

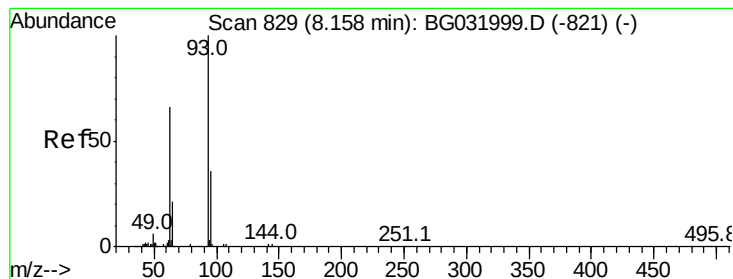
Ion Ratio Lower Upper

94 100

65 28.5 11.9 51.9

66 43.6 22.2 62.2

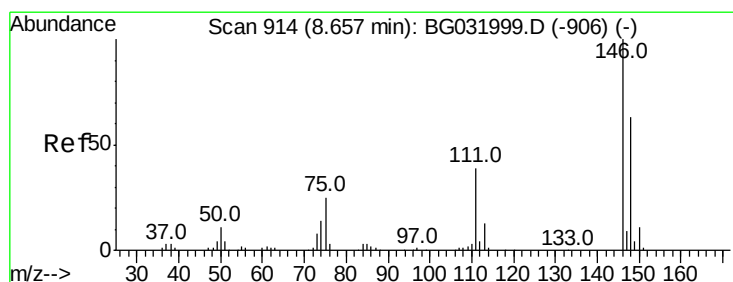
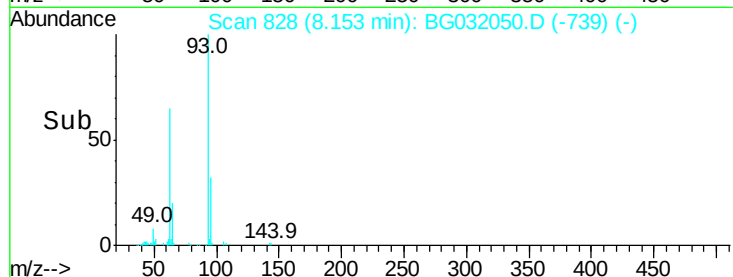
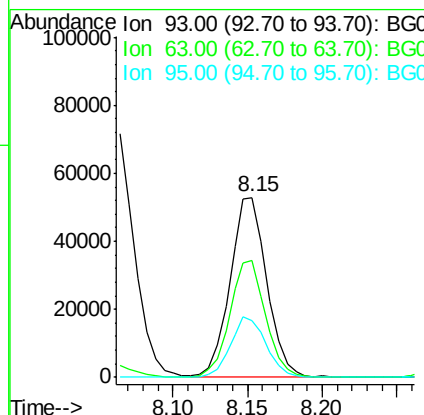
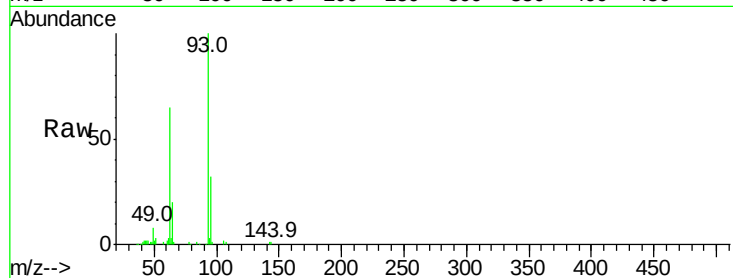




#11
bis(2-Chloroethyl)ether
Concen: 38.775 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

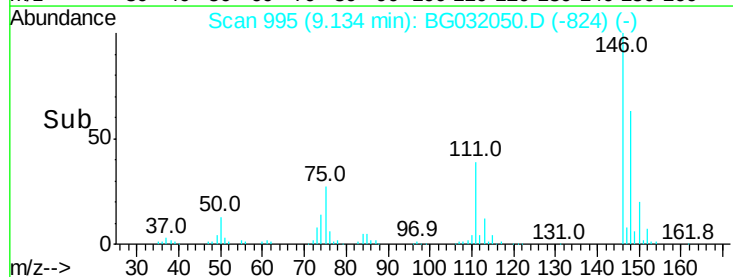
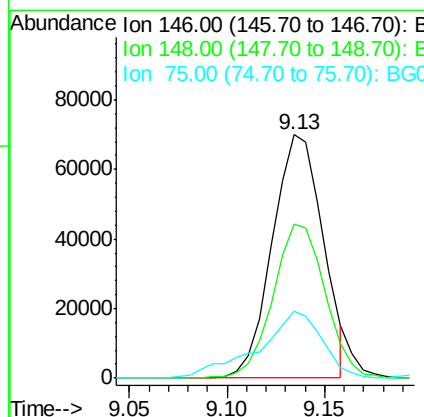
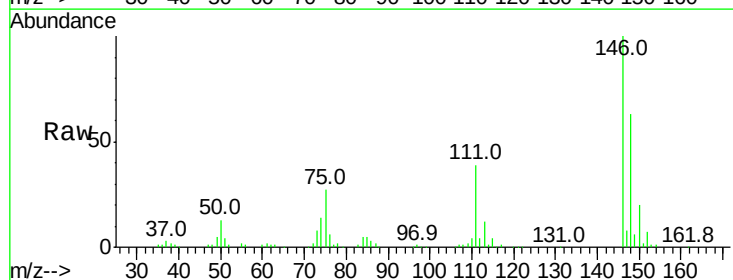
Instrument :
BNA_G
ClientSampleId :

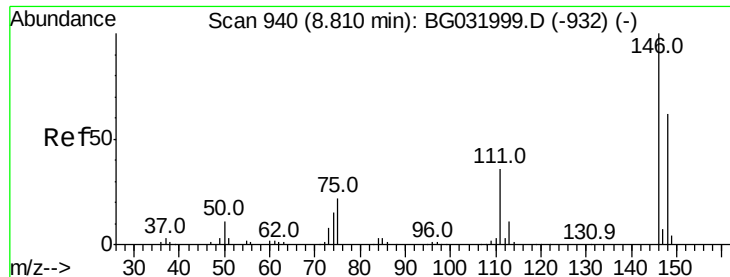
Tot Ion	93	Resp	90632
Ion Ratio	100	Lower	Upper
63	65.0	67.1	107.1#
95	31.5	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 36.422 ng
RT: 9.13 min Scan# 995
Delta R.T. 0.48 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Tgt Ion	146	Resp	125439
Ion Ratio	100	Lower	Upper
148	63.5	51.4	77.2
75	27.3	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 37.941 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampled :

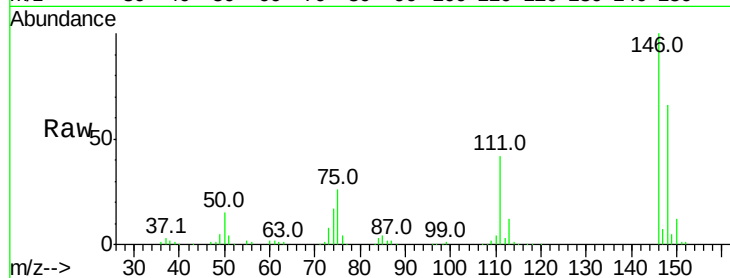
Tot Ion:146 Resp: 131570

Ion Ratio Lower Upper

146 100

148 65.5 53.7 80.5

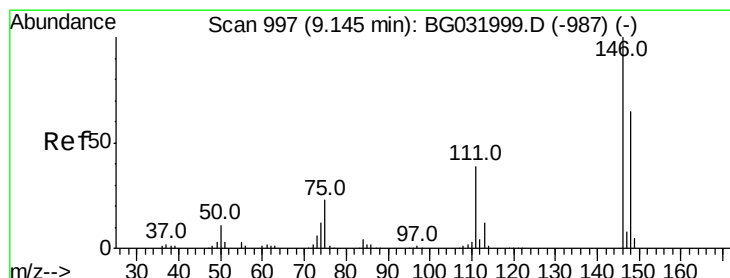
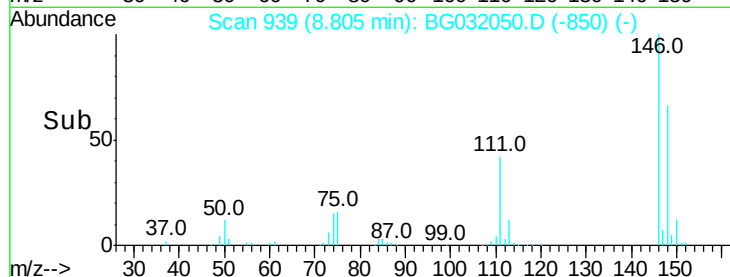
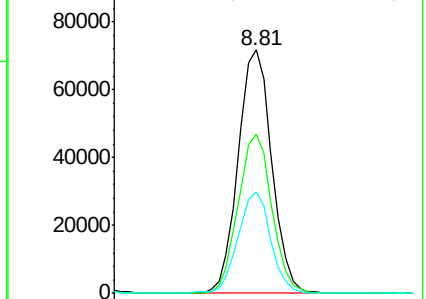
111 42.0 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.555 ng

RT: 9.13 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

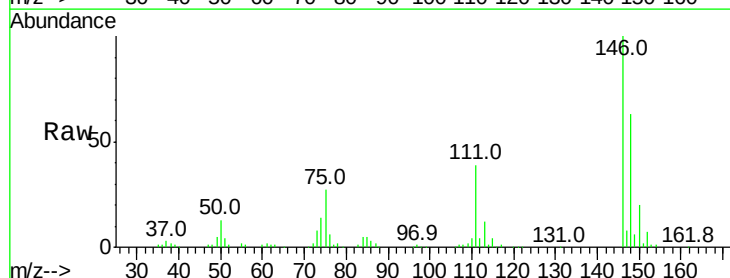
Tgt Ion:146 Resp: 129312

Ion Ratio Lower Upper

146 100

148 63.5 49.3 73.9

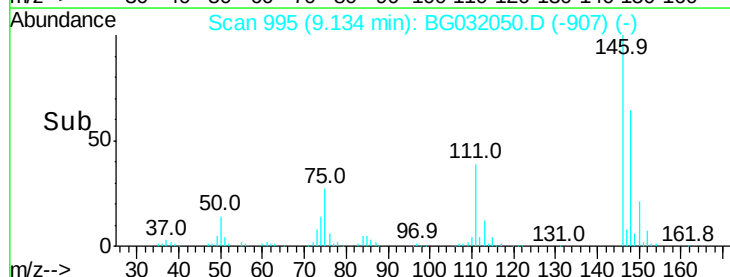
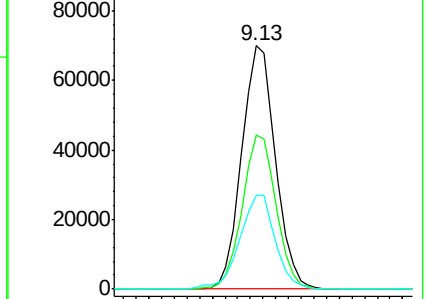
111 38.7 34.3 51.5

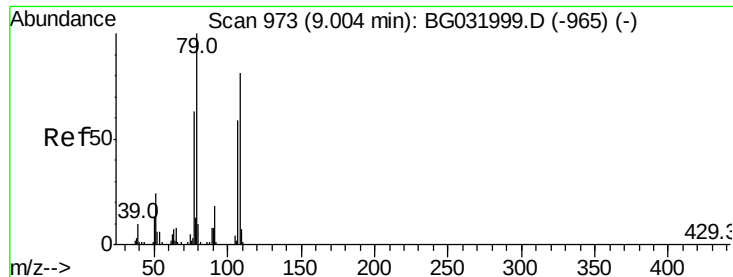


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.041 ng

RT: 9.00 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

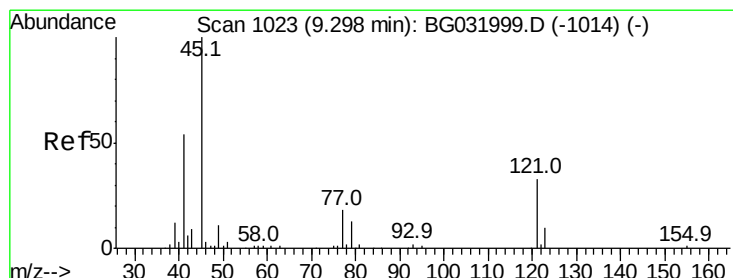
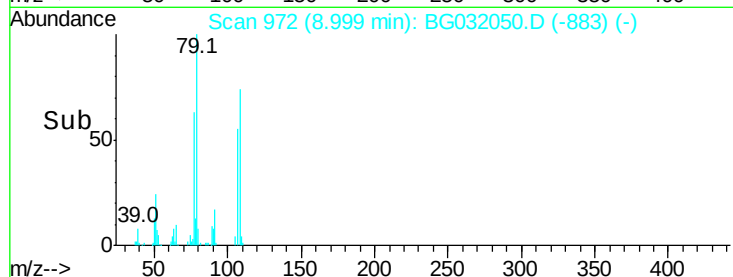
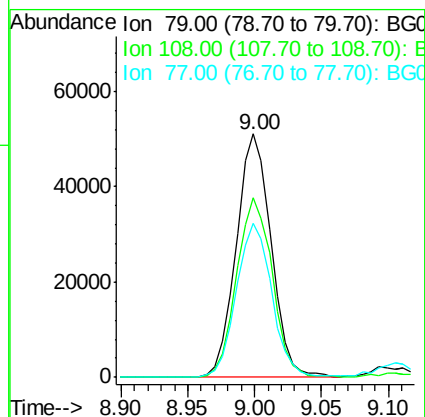
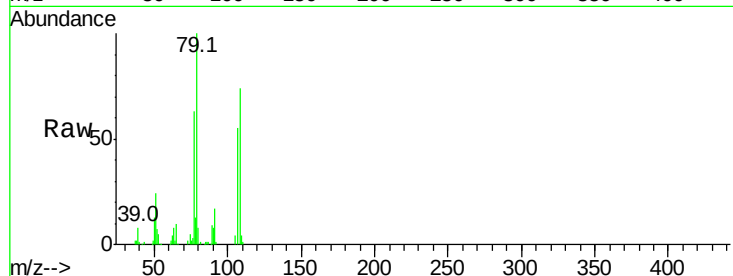
Tot Ion: 79 Resp: 92606

Ion Ratio Lower Upper

79 100

108 73.7 57.2 85.8

77 63.1 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.332 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

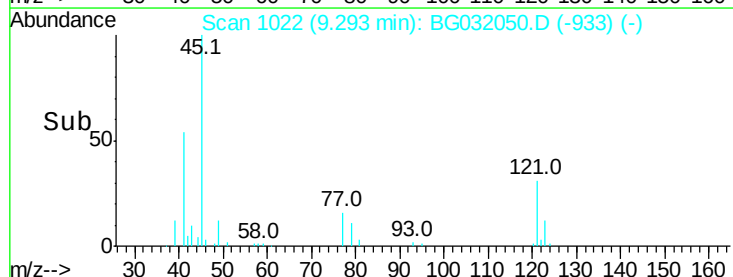
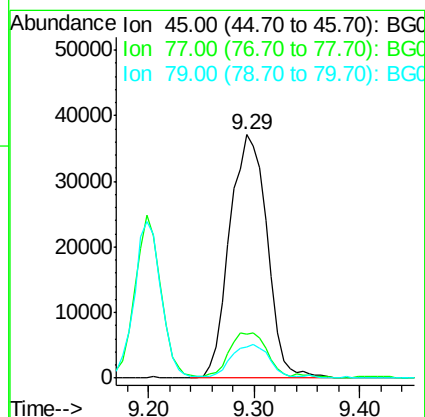
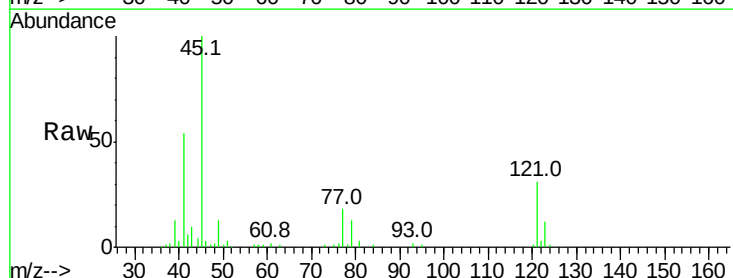
Tgt Ion: 45 Resp: 91055

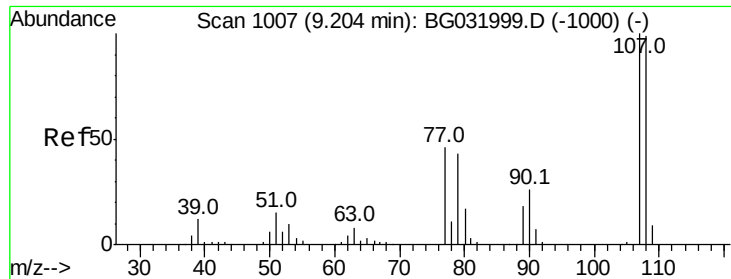
Ion Ratio Lower Upper

45 100

77 18.1 0.0 30.2

79 12.8 0.0 27.9

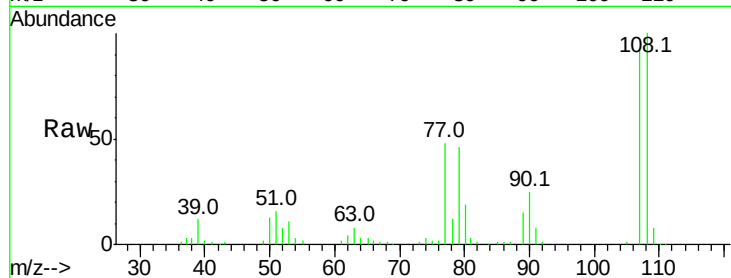




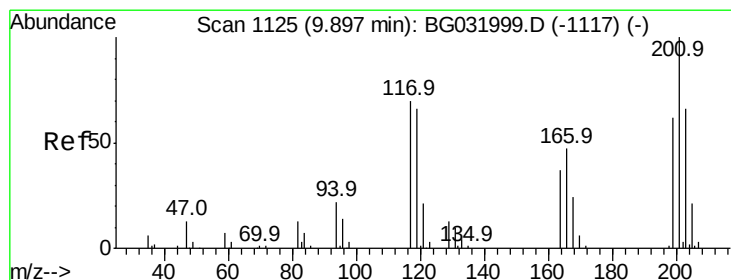
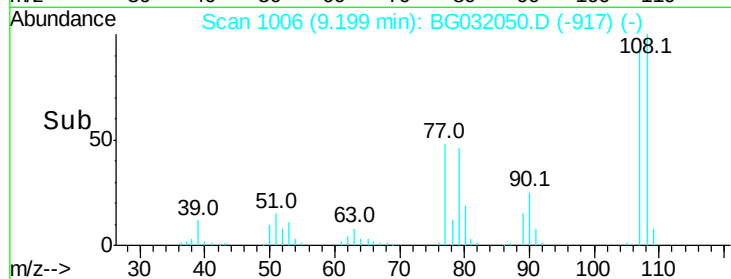
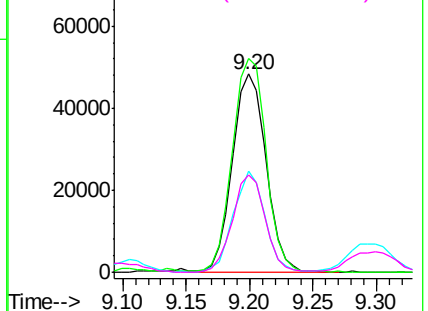
#17
2-Methylphenol
Concen: 39.900 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.7	83.9	125.9
77	51.3	37.2	55.8
79	49.2	36.2	54.2

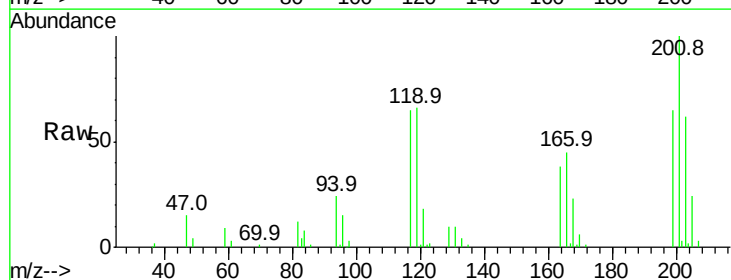


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

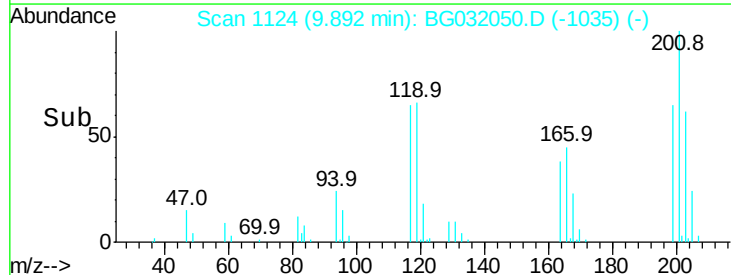
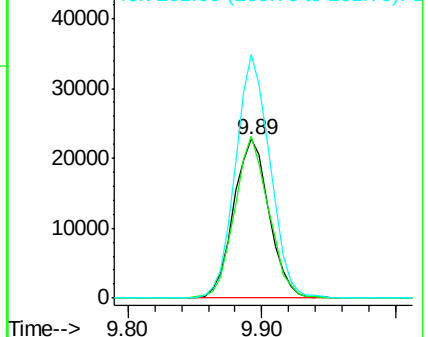


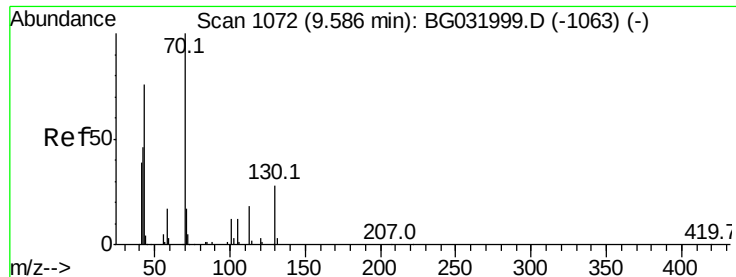
#18
Hexachloroethane
Concen: 39.356 ng
RT: 9.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.9	76.7	115.1
201	153.3	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

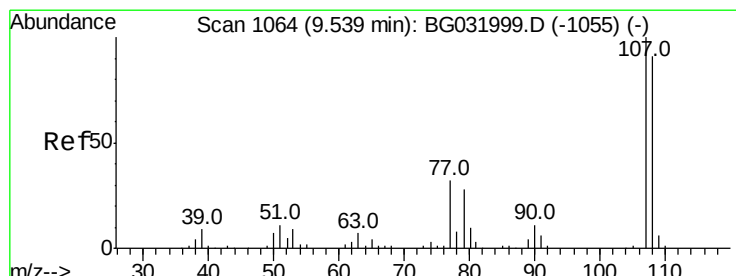
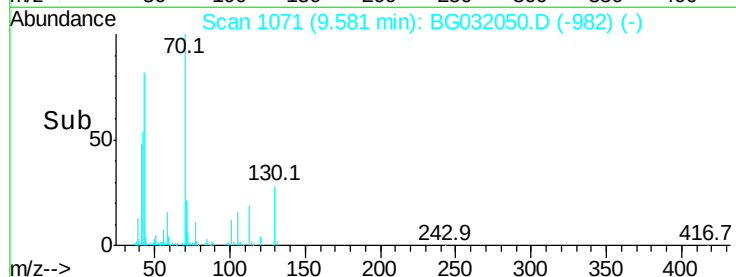
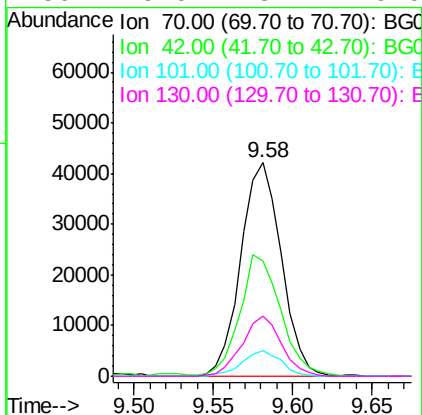
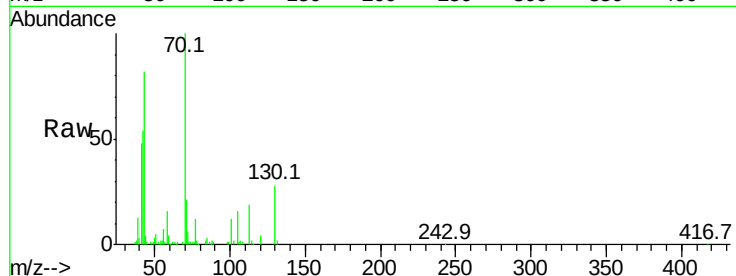




#19
n-Nitroso-di-n-propylamine
Concen: 40.868 ng
RT: 9.58 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

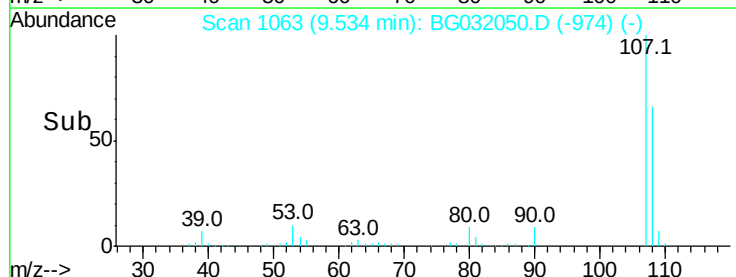
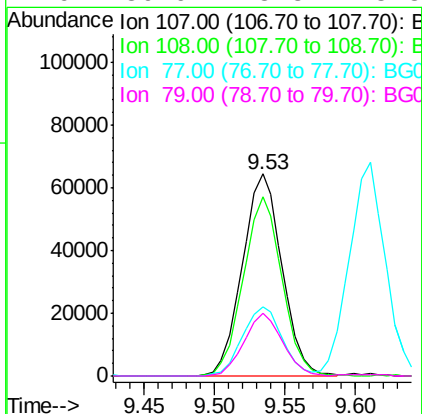
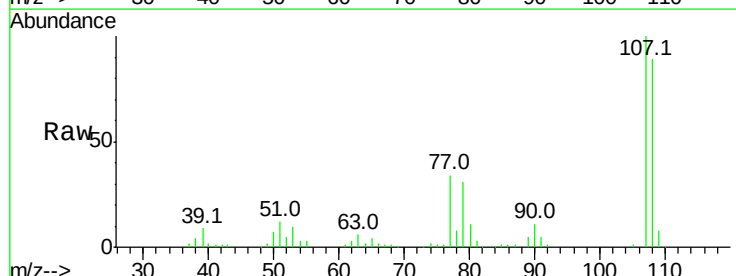
Instrument :
BNA_G
ClientSampleId :

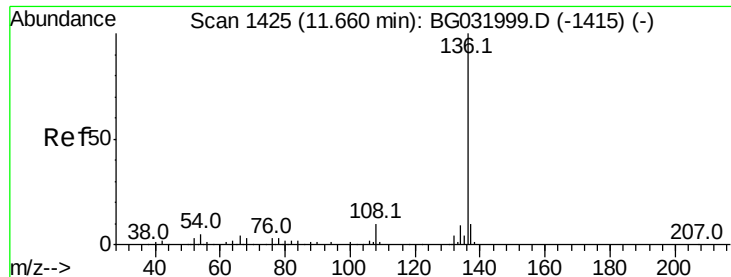
Tot Ion:	70	Resp:	75101
Ion	Ratio	Lower	Upper
70	100		
42	53.7	49.1	73.7
101	11.8	8.5	12.7
130	28.0	13.4	20.0#



#20
3+4-Methylphenols
Concen: 41.001 ng
RT: 9.53 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Tgt Ion:	107	Resp:	126644
Ion	Ratio	Lower	Upper
107	100		
108	88.9	61.6	101.6
77	34.1	13.9	53.9
79	30.9	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 180726

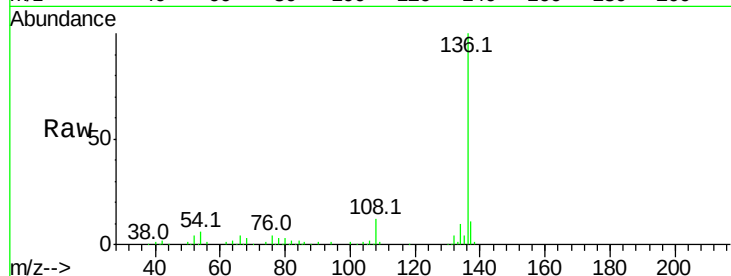
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 5.5 10.3 15.5#

68 3.4 4.5 6.7#

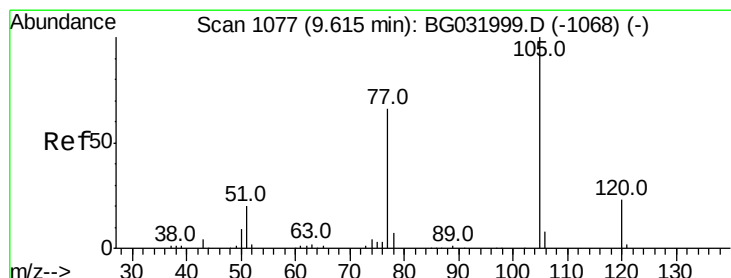
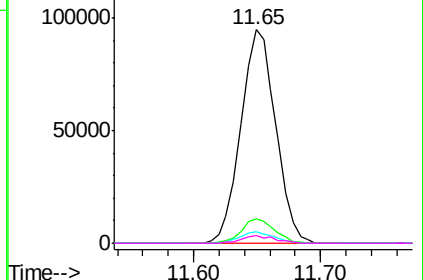
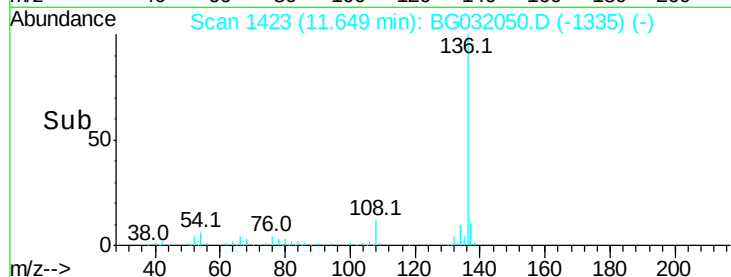


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.498 ng

RT: 9.61 min Scan# 1076

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Tgt Ion:105 Resp: 166252

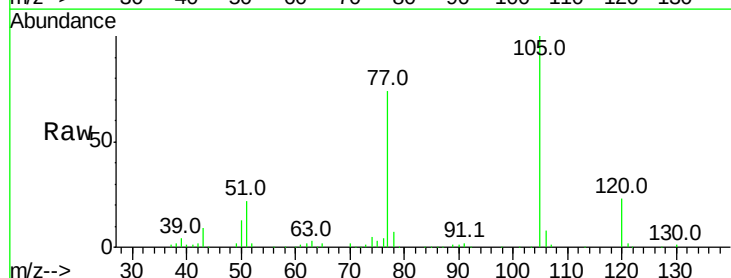
Ion Ratio Lower Upper

105 100

71 0.4 3.0 4.4#

51 22.3 26.1 39.1#

120 23.1 17.4 26.2

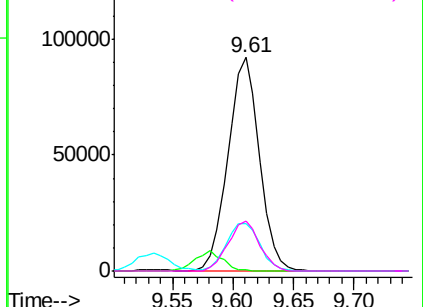
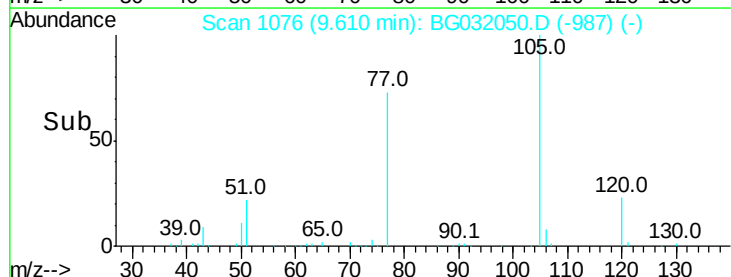


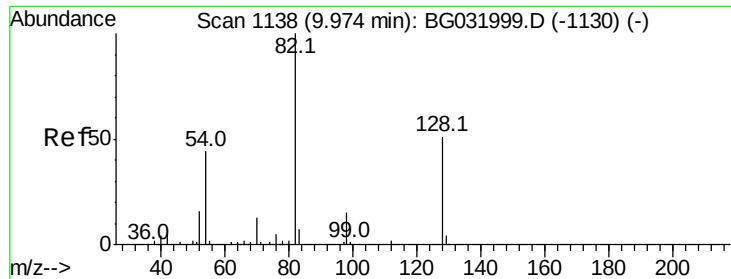
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

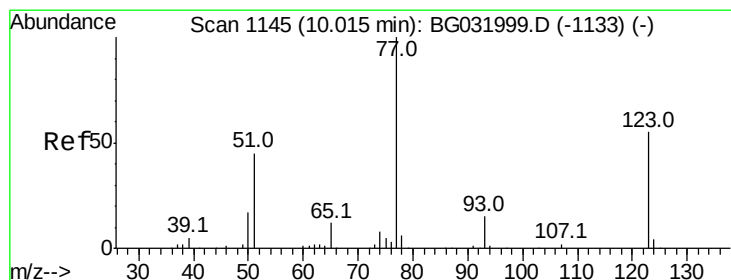
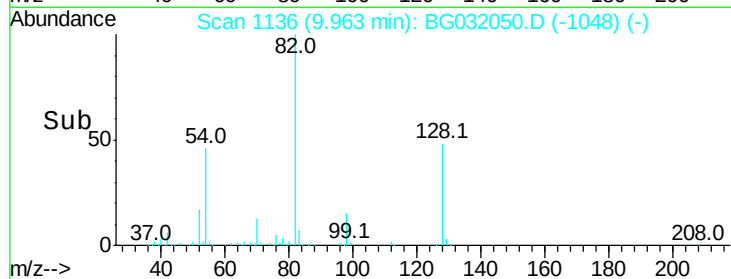
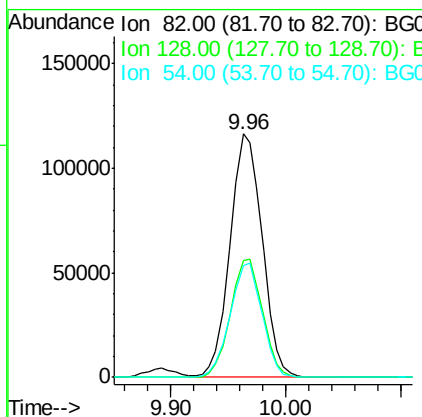
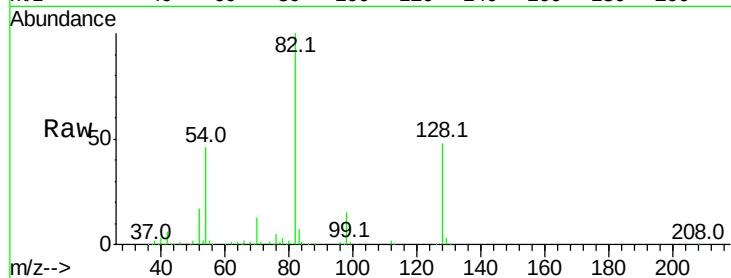




#23
 Nitrobenzene-d5
 Concen: 84.009 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

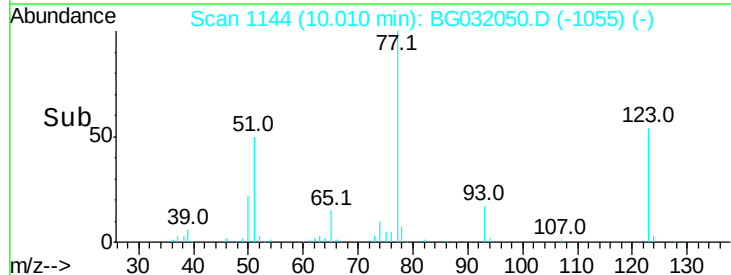
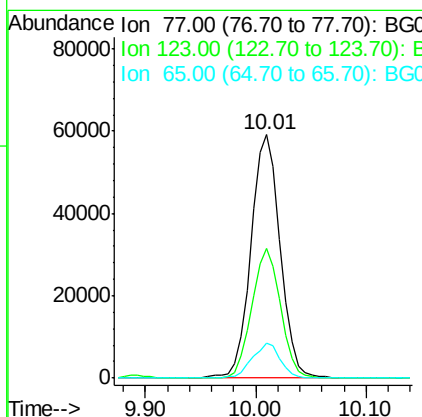
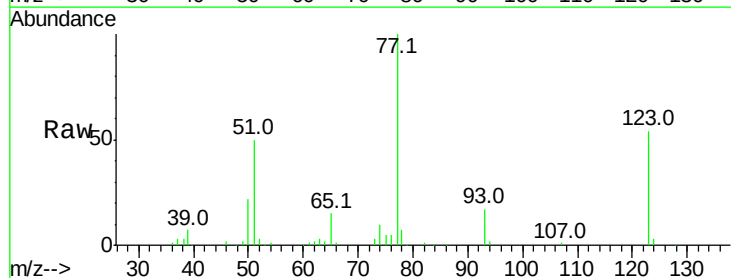
Instrument :
 BNA_G
 ClientSampleId :

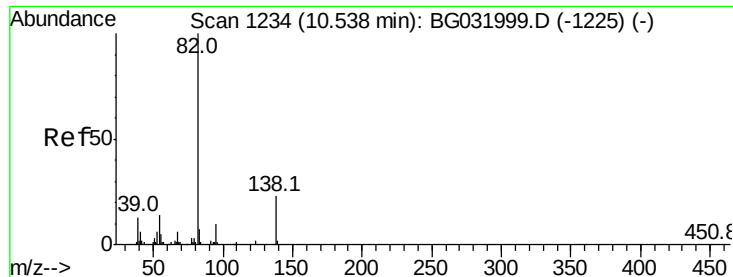
Tot Ion: 82 Resp: 224415
 Ion Ratio Lower Upper
 82 100
 128 47.8 29.7 44.5#
 54 46.1 43.1 64.7



#24
 Nitrobenzene
 Concen: 41.140 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Tgt Ion: 77 Resp: 109621
 Ion Ratio Lower Upper
 77 100
 123 53.5 33.0 49.6#
 65 14.5 13.0 19.6





#25

Isophorone

Concen: 41.451 ng

RT: 10.53 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

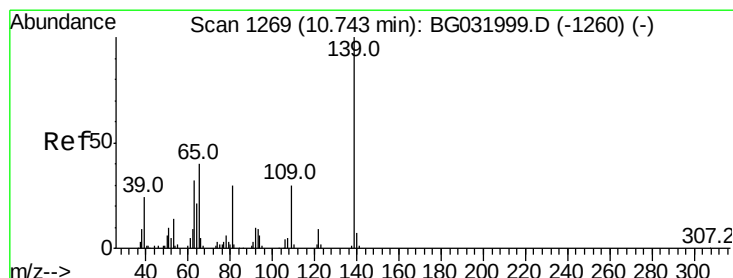
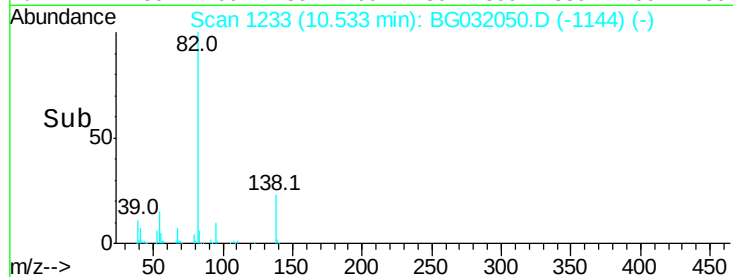
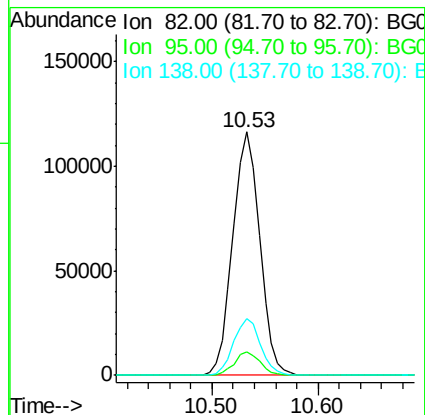
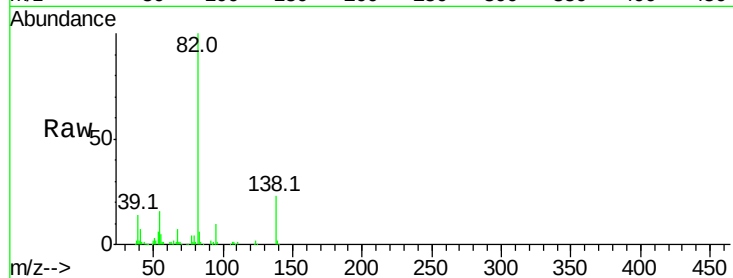
Tot Ion: 82 Resp: 206181

Ion Ratio Lower Upper

82 100

95 9.6 6.2 9.2#

138 23.1 12.1 18.1#



#26

2-Nitrophenol

Concen: 41.761 ng

RT: 10.74 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

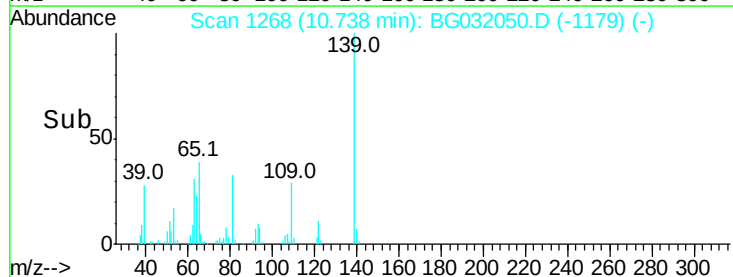
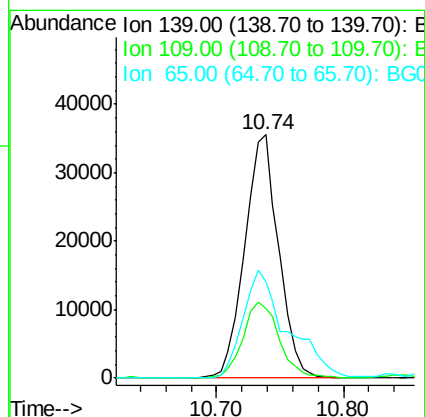
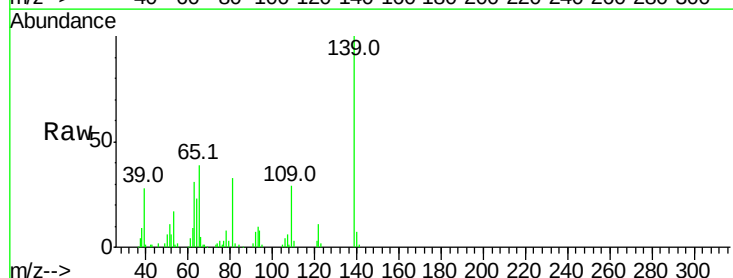
Tgt Ion: 139 Resp: 65934

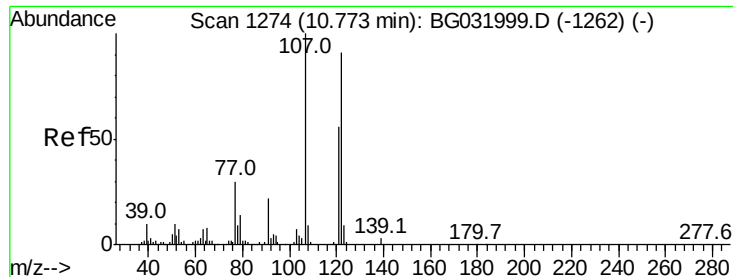
Ion Ratio Lower Upper

139 100

109 28.6 24.2 36.2

65 39.4 47.4 71.0#

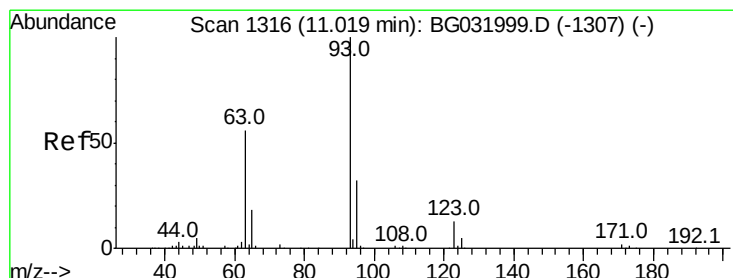
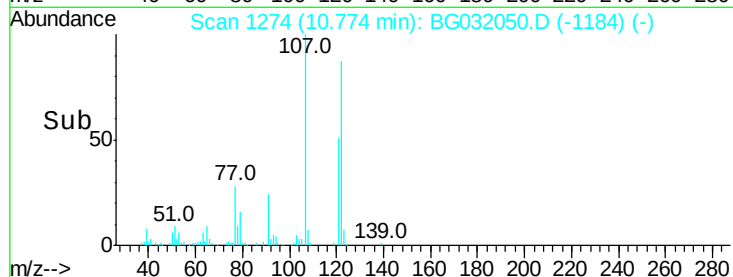
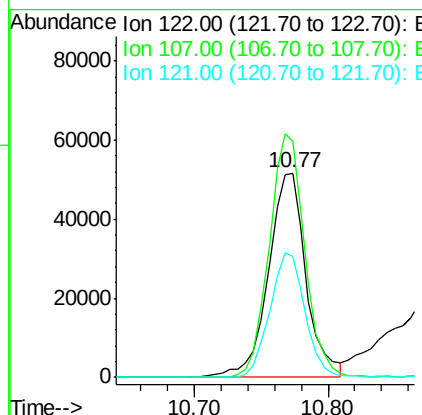
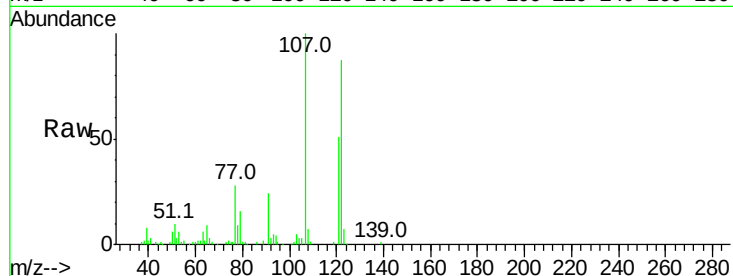




#27
2,4-Dimethylphenol
Concen: 40.507 ng
RT: 10.77 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

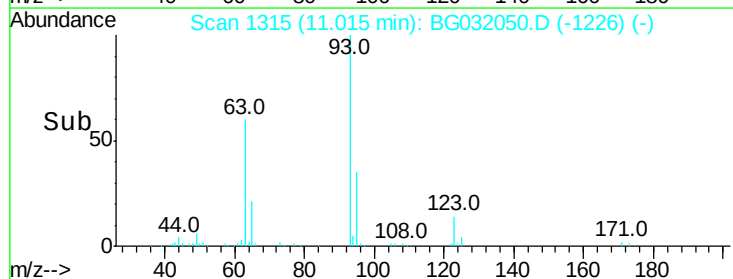
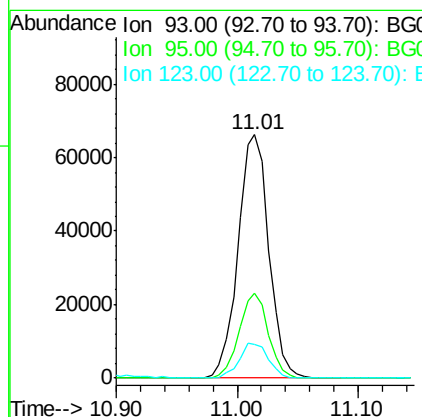
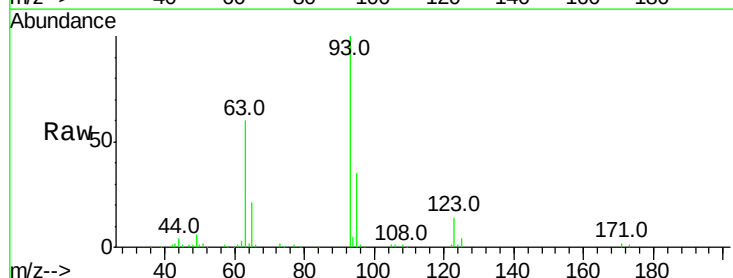
Instrument :
BNA_G
ClientSampleId :

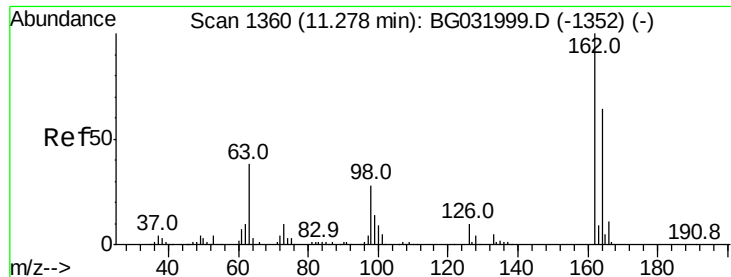
Tot Ion:122 Resp: 101488
Ion Ratio Lower Upper
122 100
107 115.3 100.2 150.2
121 59.0 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.219 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Tgt Ion: 93 Resp: 117533
Ion Ratio Lower Upper
93 100
95 34.6 24.3 36.5
123 13.9 8.4 12.6#

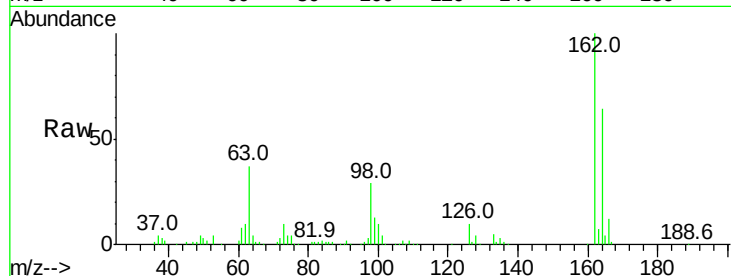




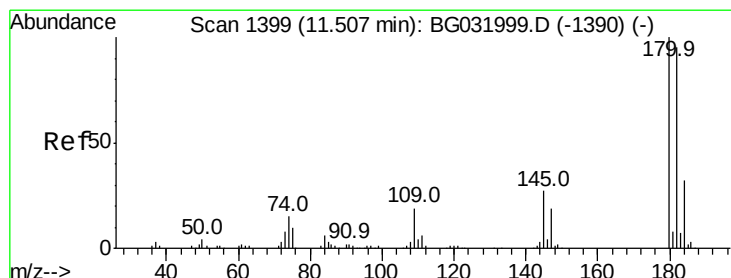
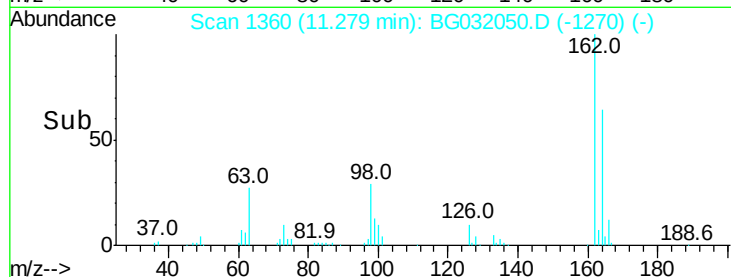
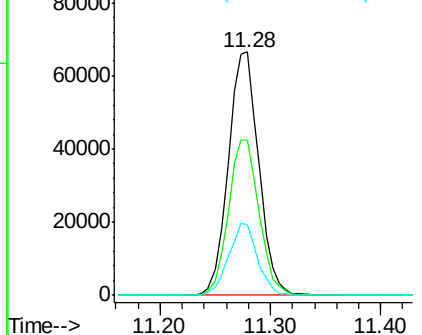
#29
 2,4-Dichlorophenol
 Concen: 41.784 ng
 RT: 11.28 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	48.0	88.0
98	29.1	21.1	61.1

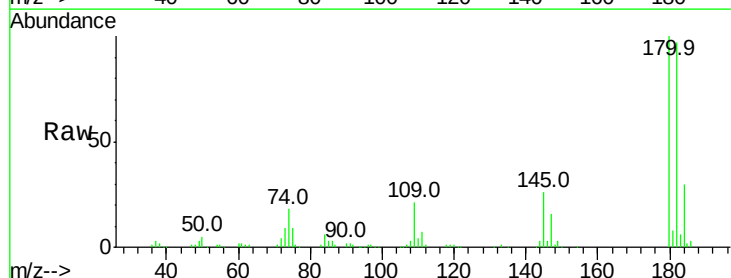


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

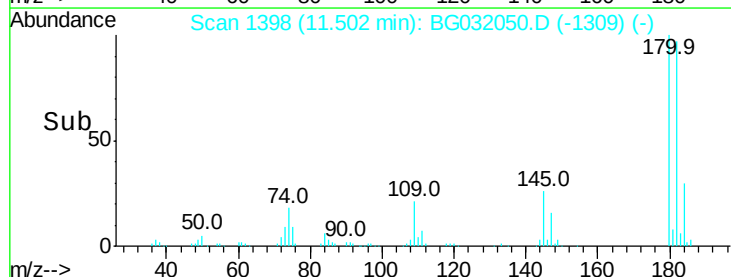
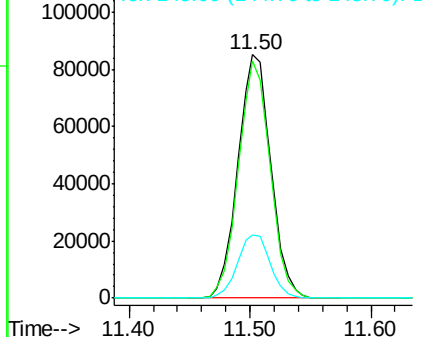


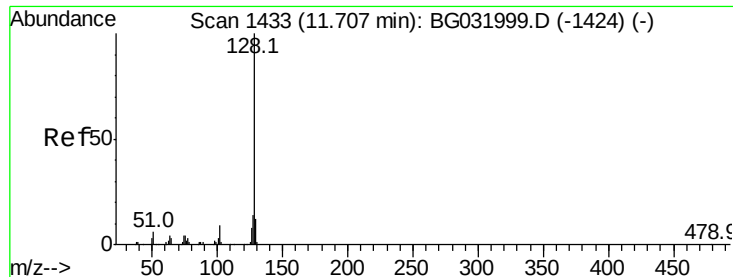
#30
 1,2,4-Trichlorobenzene
 Concen: 40.559 ng
 RT: 11.50 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.5	116.3
145	25.9	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

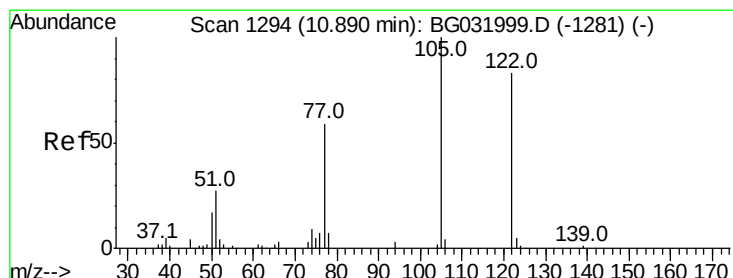
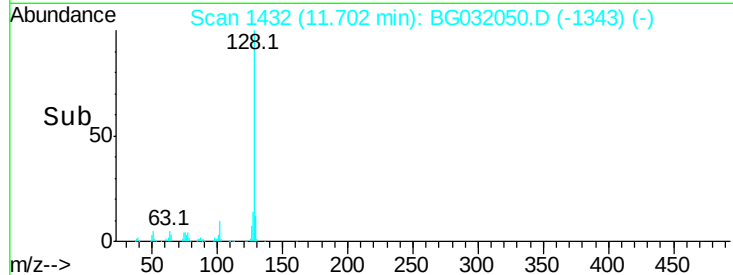
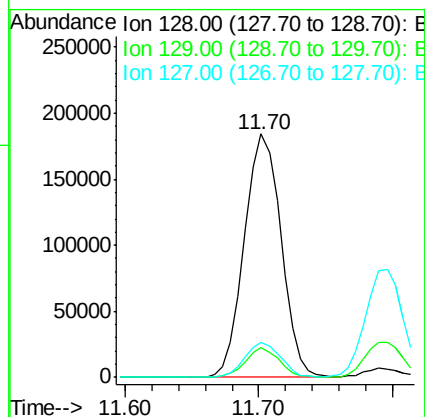
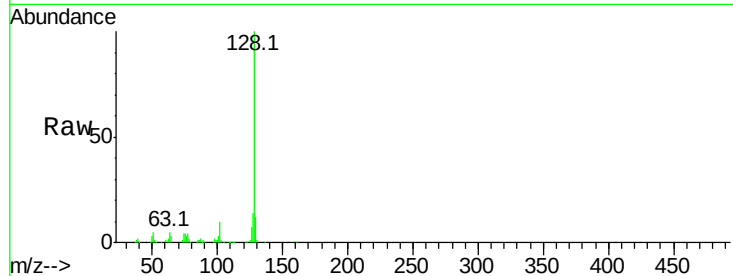




#31
Naphthalene
Concen: 39.291 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

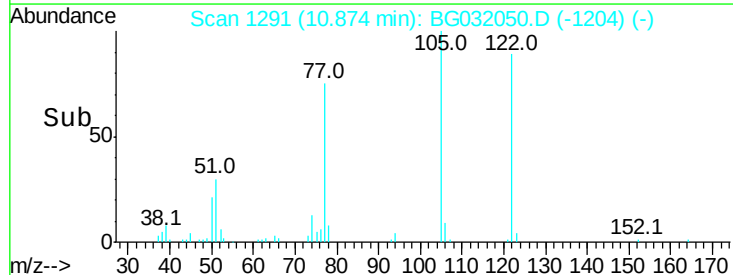
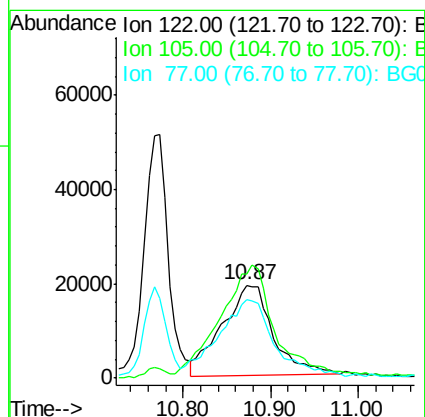
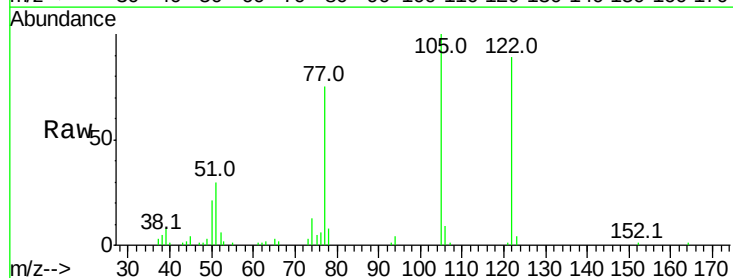
Instrument :
BNA_G
ClientSampleId :

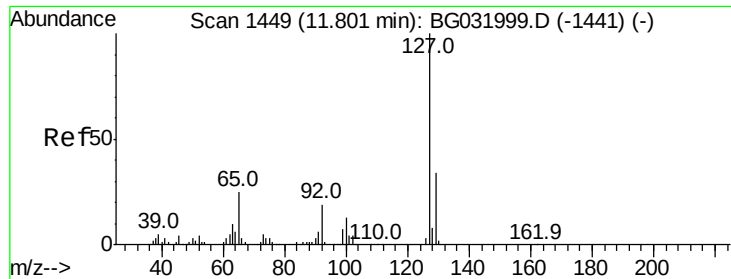
Tot Ion:128	Resp:	351761
Ion	Ratio	Lower Upper
128	100	
129	12.3	8.6 12.8
127	14.1	11.6 17.4



#32
Benzoic acid
Concen: 39.206 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Tgt Ion:122	Resp:	76627
Ion	Ratio	Lower Upper
122	100	
105	113.0	123.5 163.5#
77	84.4	85.7 125.7#

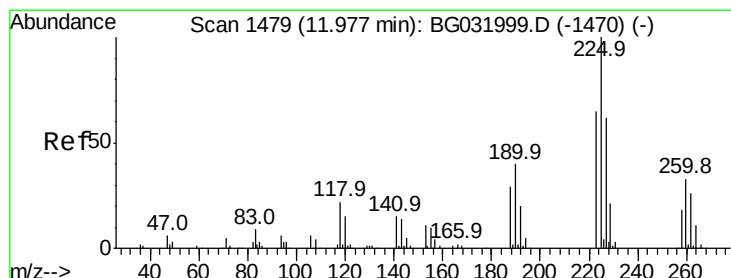
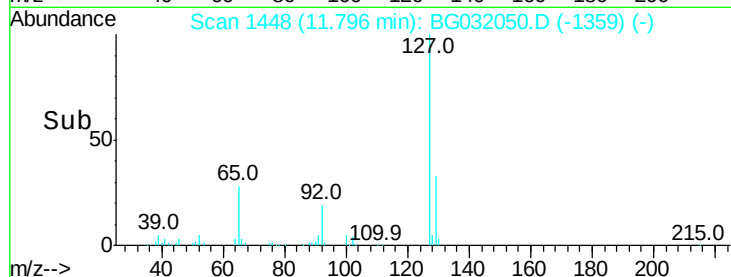
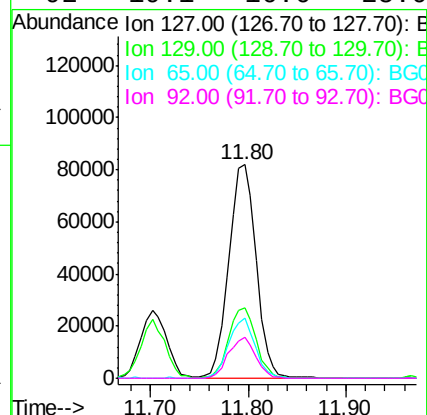
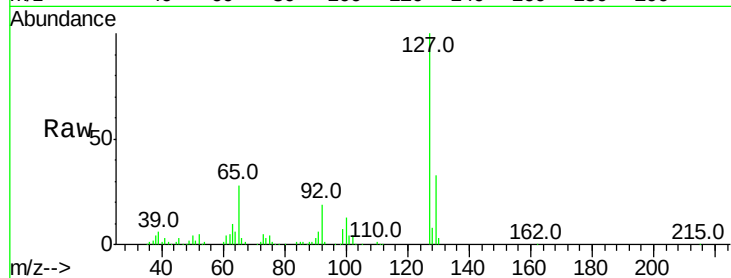




#33
4-Chloroaniline
Concen: 41.476 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

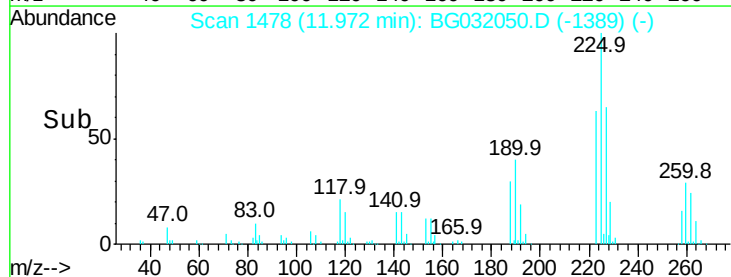
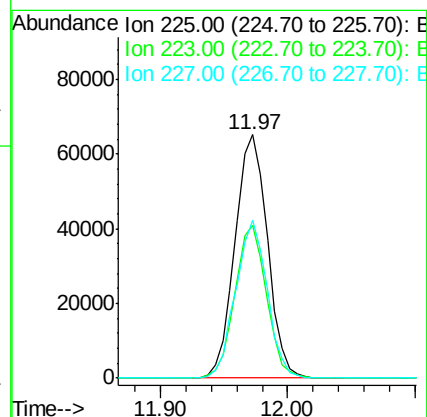
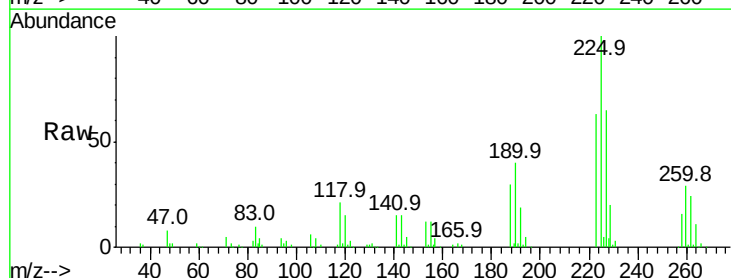
Instrument :
BNA_G
ClientSampleId :

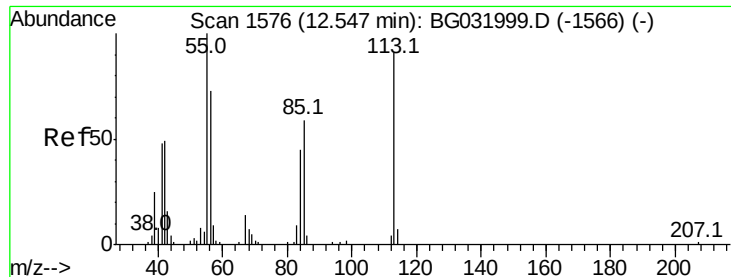
Tot Ion:	127	Resp:	159232
Ion	Ratio	Lower	Upper
127	100		
129	32.8	24.0	36.0
65	28.0	27.0	40.4
92	19.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.431 ng
RT: 11.97 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Tgt Ion:	225	Resp:	115621
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	65.0	48.1	72.1





#35

Caprolactam

Concen: 44.636 ng

RT: 12.55 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

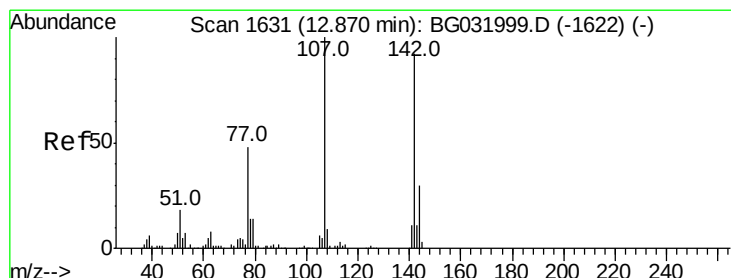
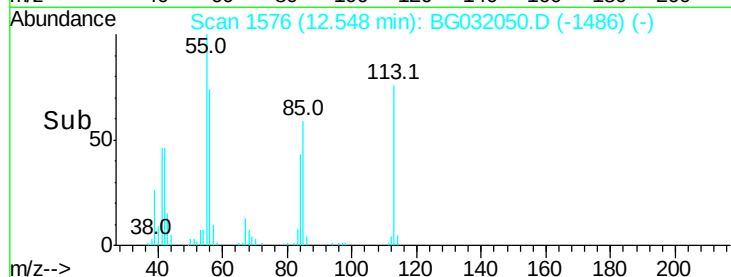
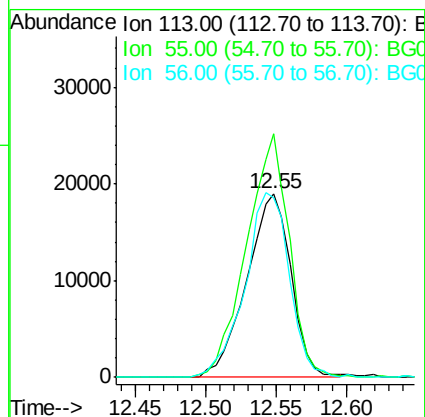
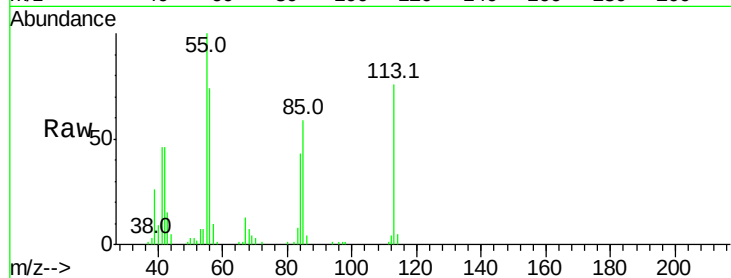
Tot Ion:113 Resp: 41747

Ion Ratio Lower Upper

113 100

55 132.4 186.9 226.9#

56 97.5 130.9 170.9#



#36

4-Chloro-3-methylphenol

Concen: 43.427 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

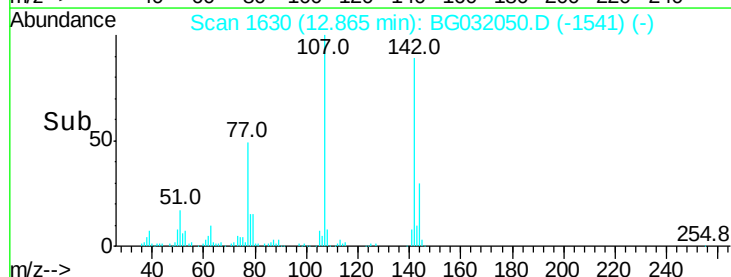
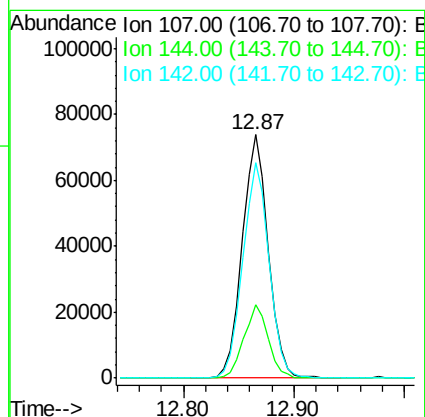
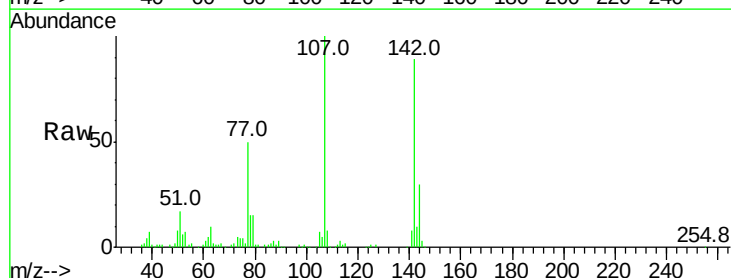
Tgt Ion:107 Resp: 122544

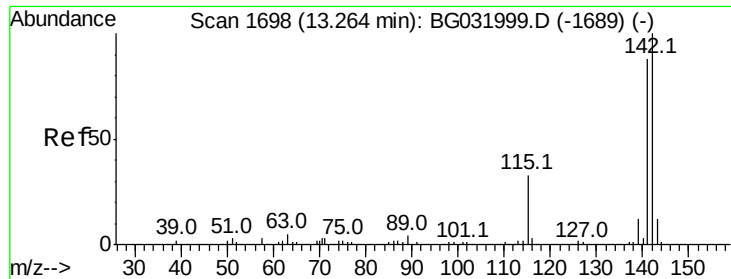
Ion Ratio Lower Upper

107 100

144 30.2 18.2 27.4#

142 88.7 59.0 88.4#

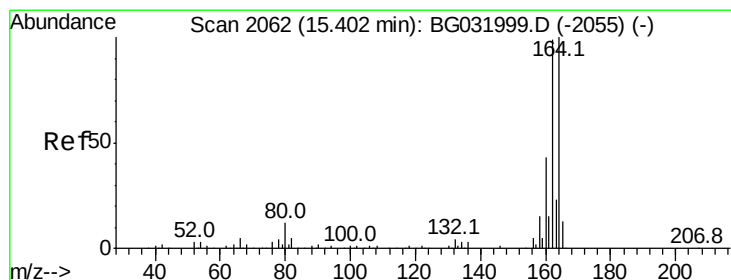
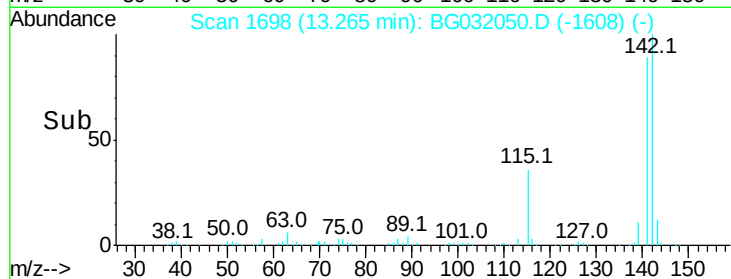
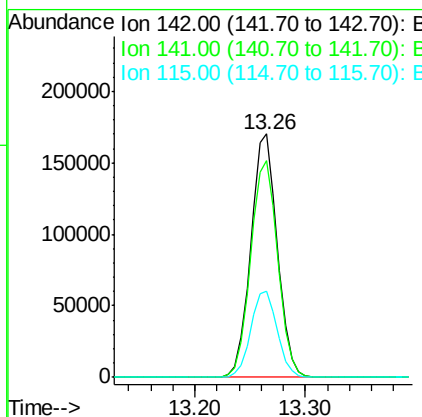
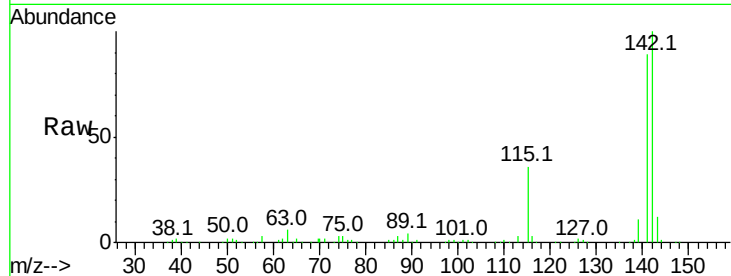




#37
2-Methylnaphthalene
Concen: 40.295 ng
RT: 13.26 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

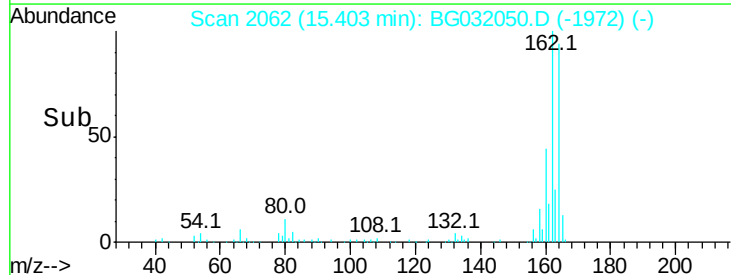
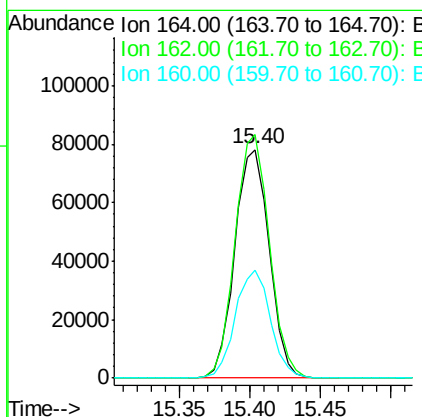
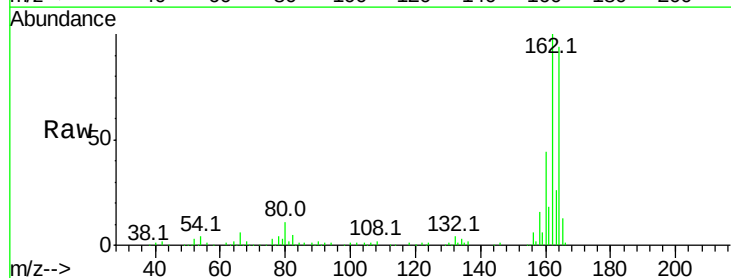
Instrument :
BNA_G
ClientSampleId :

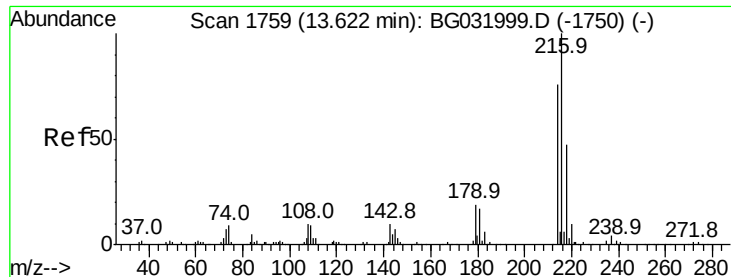
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	67.1	100.7
115	35.6	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	78.8	118.2
160	47.2	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.667 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 224265

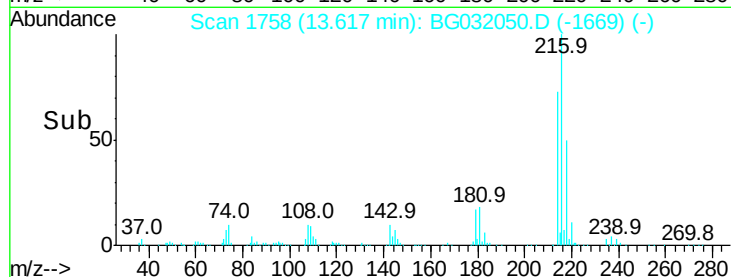
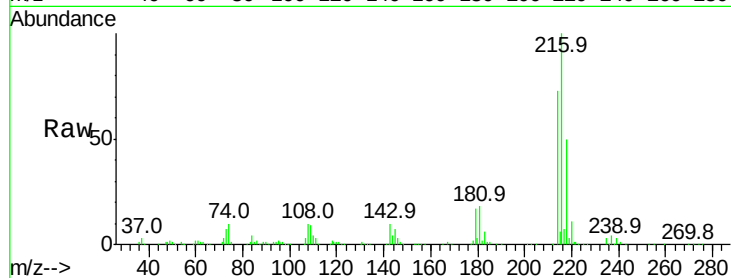
Ion Ratio Lower Upper

216 100

214 76.3 63.0 94.4

179 17.7 17.0 25.6

108 10.8 12.8 19.2#

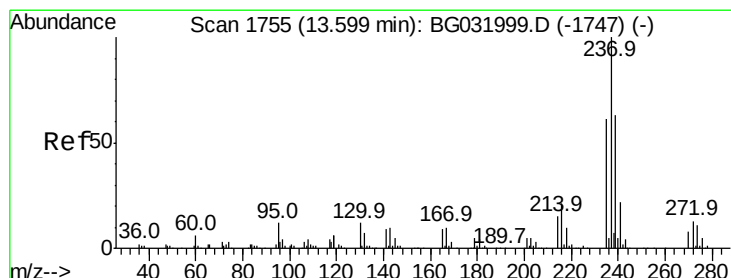
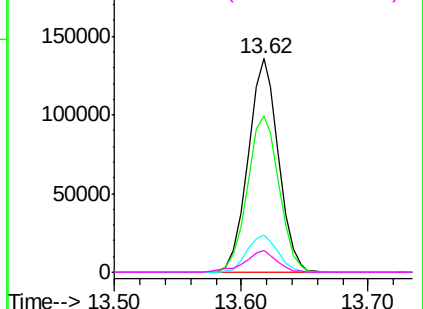


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.373 ng

RT: 13.59 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

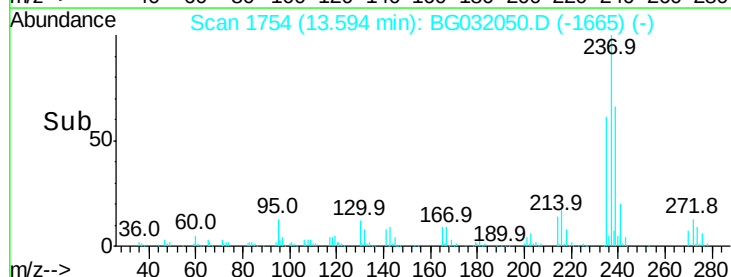
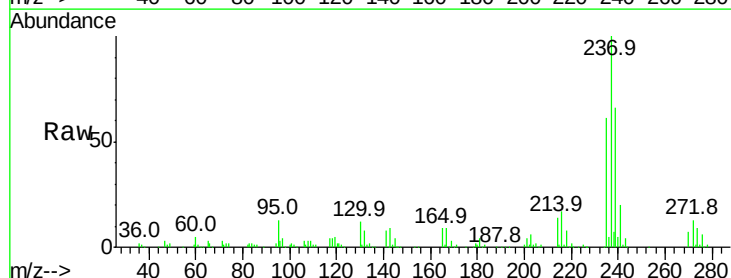
Tgt Ion:237 Resp: 125353

Ion Ratio Lower Upper

237 100

235 60.9 50.4 90.4

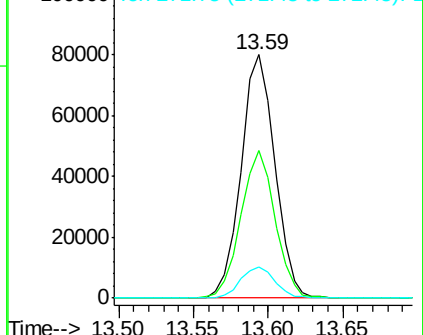
272 13.0 0.0 31.8

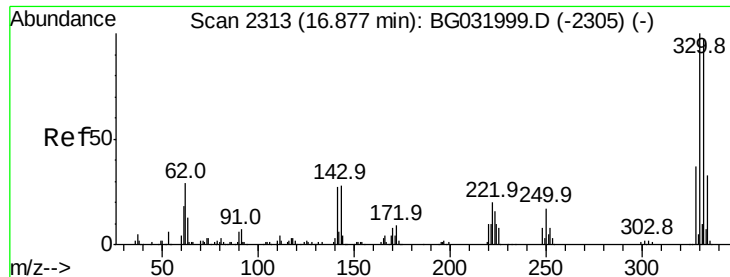


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 84.117 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

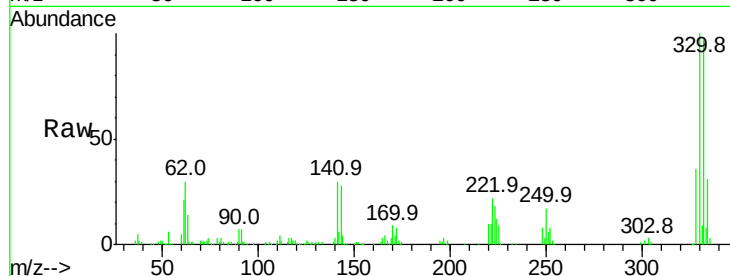
Tot Ion:330 Resp: 185206

Ion Ratio Lower Upper

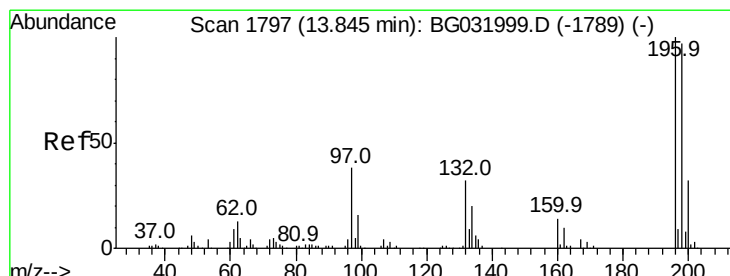
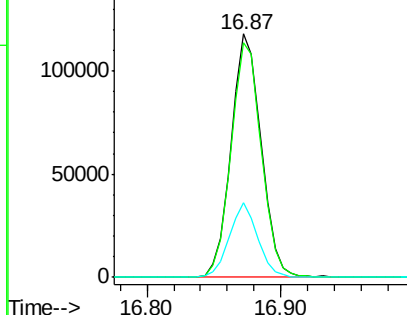
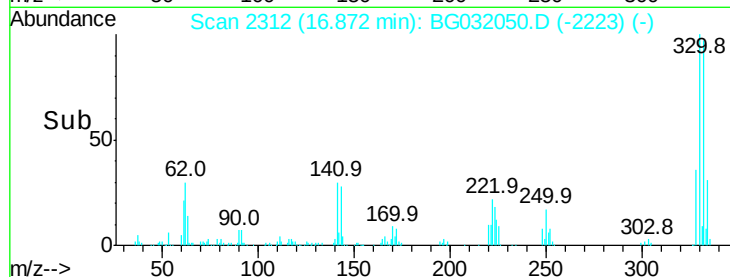
330 100

332 97.4 77.0 115.6

141 28.7 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: 41.345 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

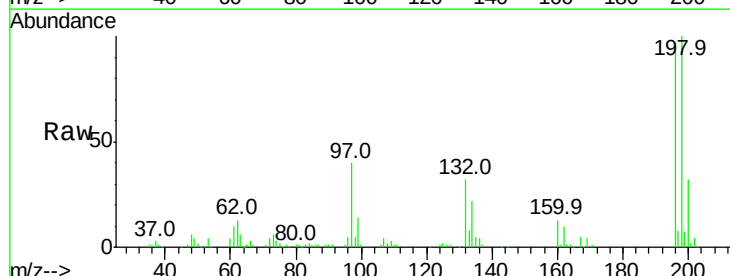
Tgt Ion:196 Resp: 134736

Ion Ratio Lower Upper

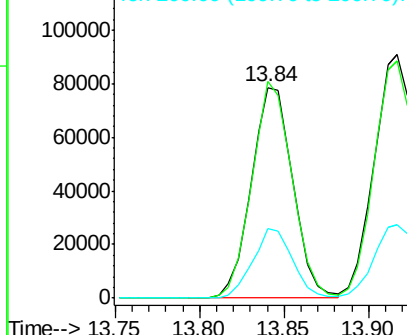
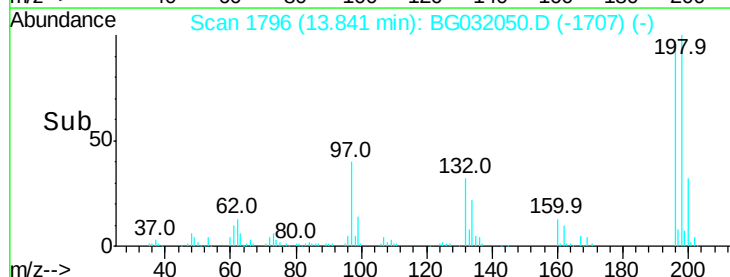
196 100

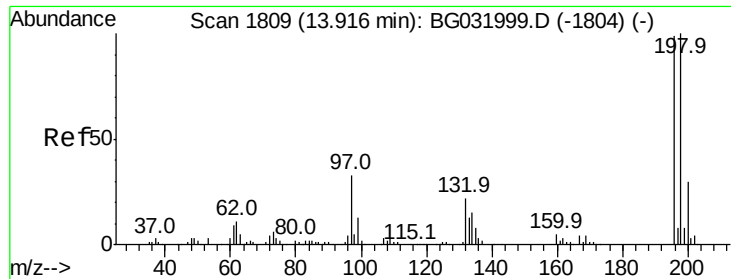
198 102.9 78.2 117.2

200 33.3 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

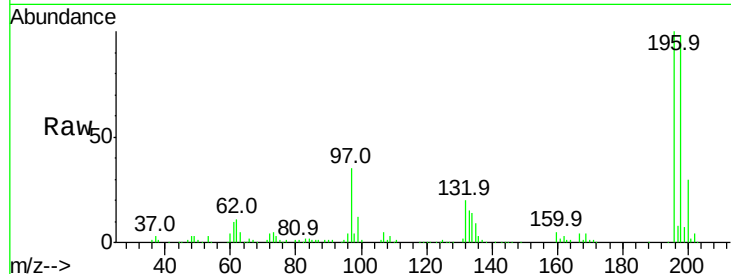




#43
 2,4,5-Trichlorophenol
 Concen: 41.520 ng
 RT: 13.92 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.2	114.4
97	34.6	38.7	58.1#
132	19.8	20.2	30.2#



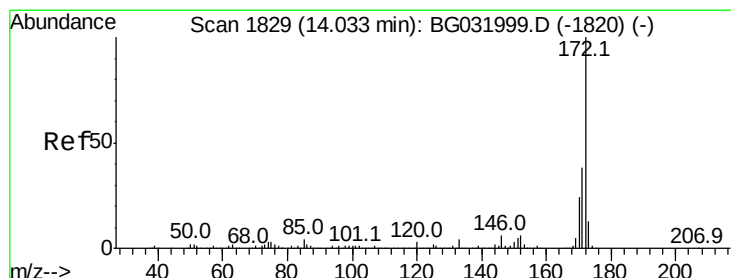
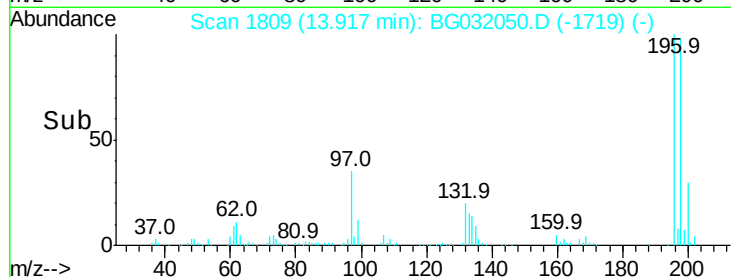
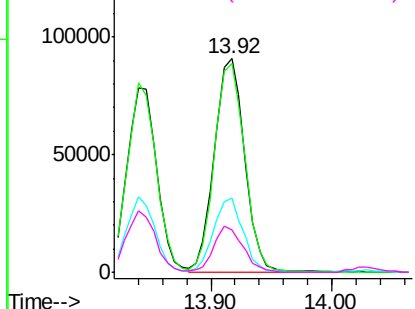
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

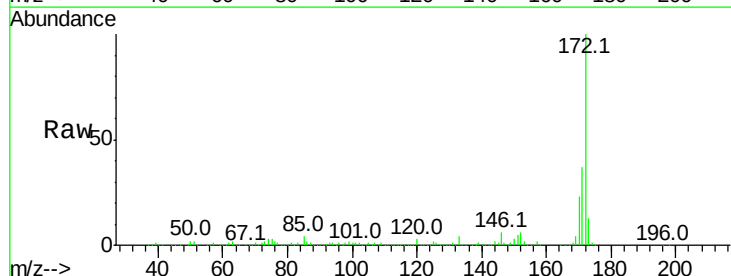
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.724 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.0	19.5	29.3

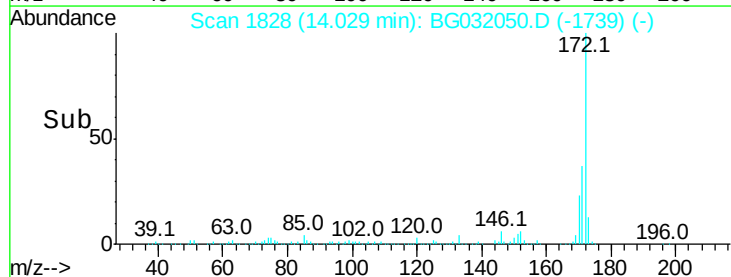
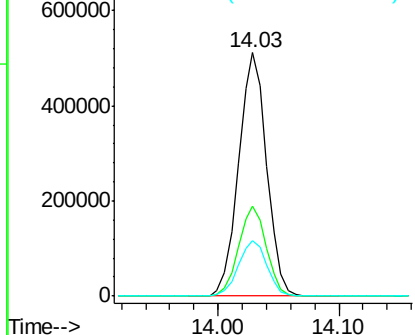


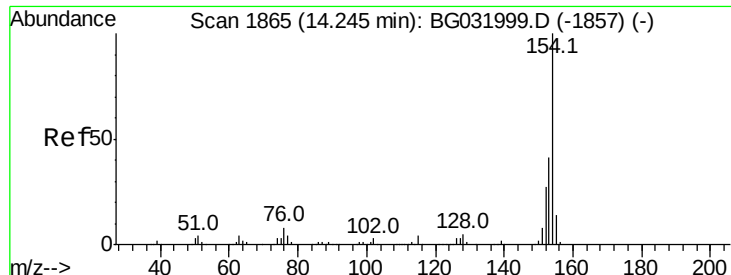
Abundance

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: 38.156 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

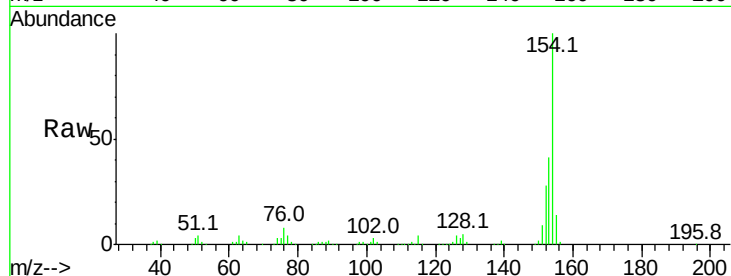
Tot Ion:154 Resp: 435233

Ion Ratio Lower Upper

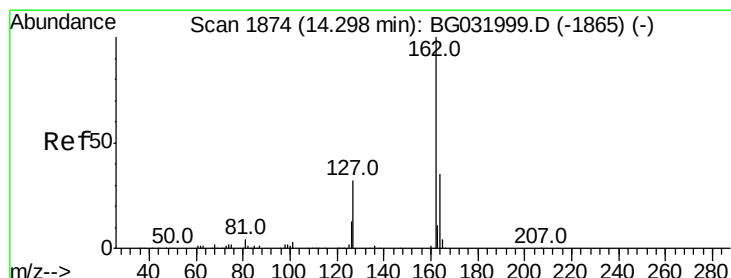
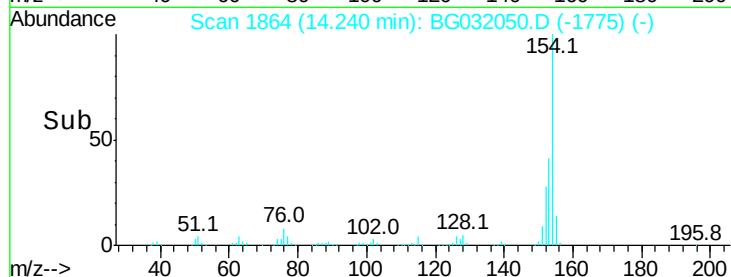
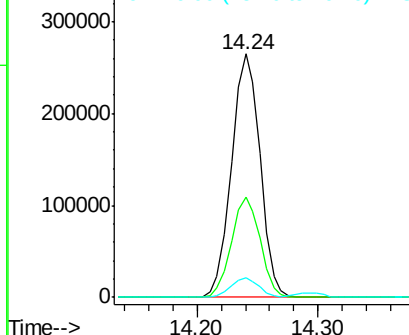
154 100

153 41.0 19.8 59.8

76 7.8 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: 38.167 ng

RT: 14.29 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

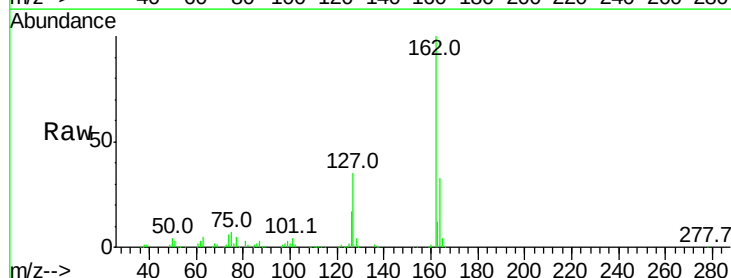
Tgt Ion:162 Resp: 338681

Ion Ratio Lower Upper

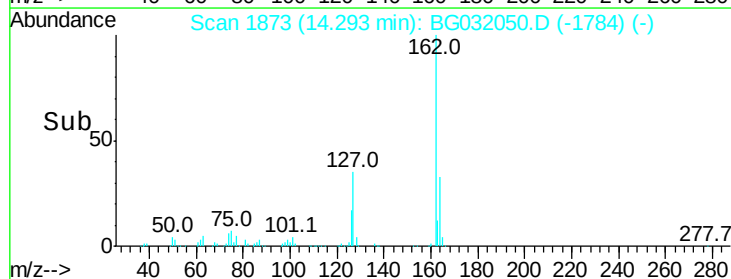
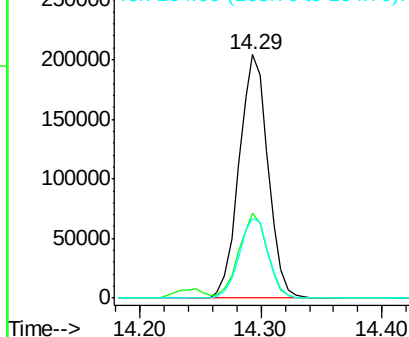
162 100

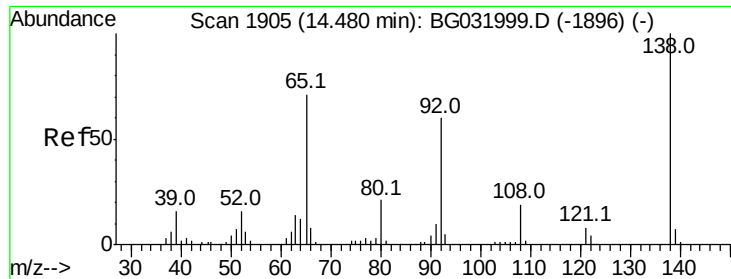
127 34.8 30.7 46.1

164 32.7 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

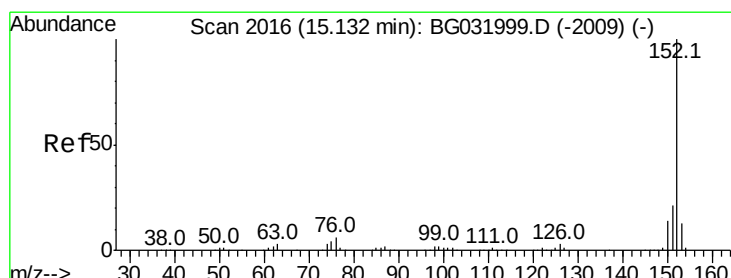
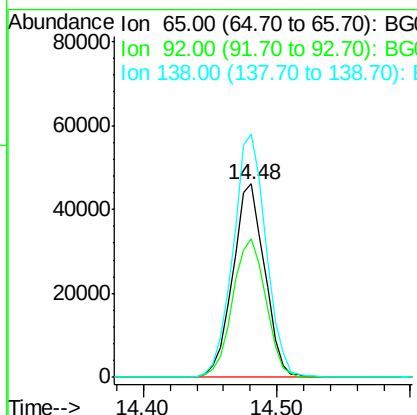
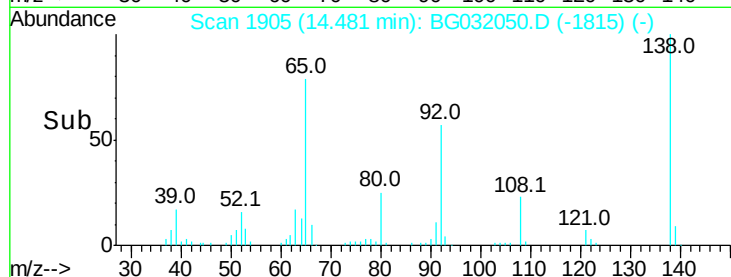
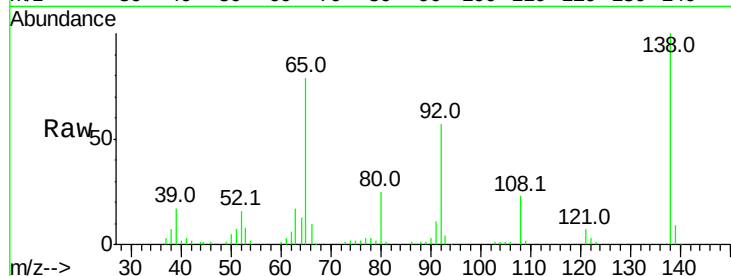




#47
 2-Nitroaniline
 Concen: 45.090 ng
 RT: 14.48 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

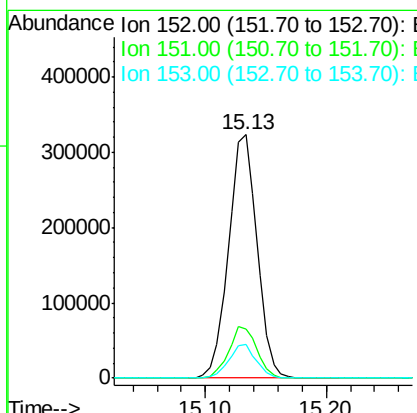
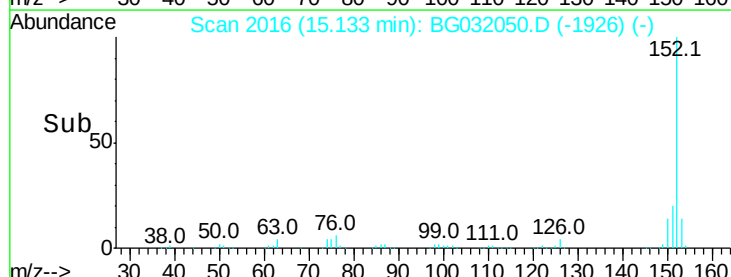
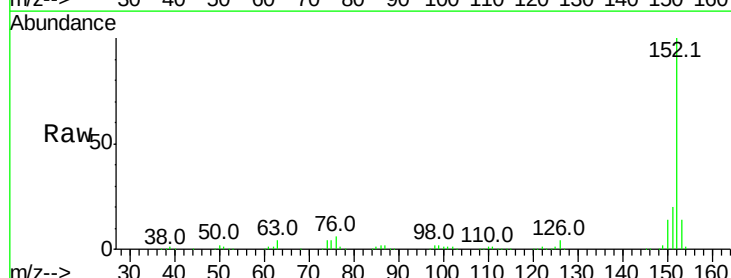
Instrument :
 BNA_G
 ClientSampled :

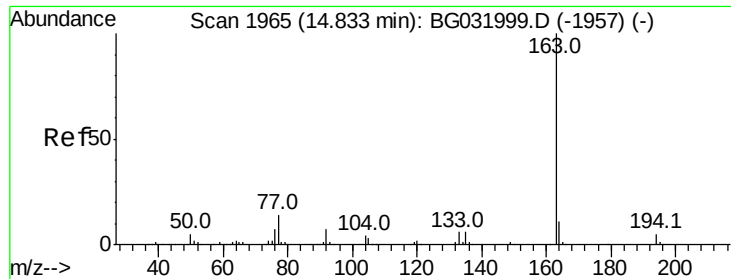
Tot Ion: 65 Resp: 76597
 Ion Ratio Lower Upper
 65 100
 92 71.5 54.6 82.0
 138 125.8 72.9 109.3#



#48
 Acenaphthylene
 Concen: 39.164 ng
 RT: 15.13 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Tgt Ion: 152 Resp: 529207
 Ion Ratio Lower Upper
 152 100
 151 20.3 17.2 25.8
 153 13.6 10.2 15.4

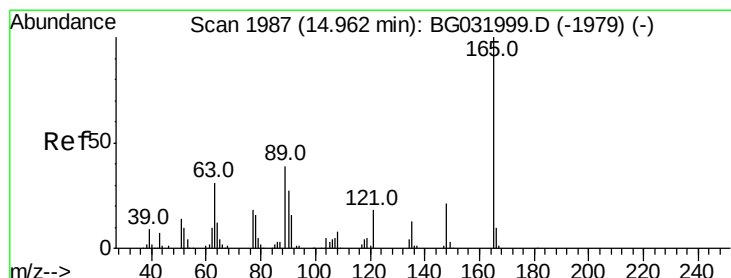
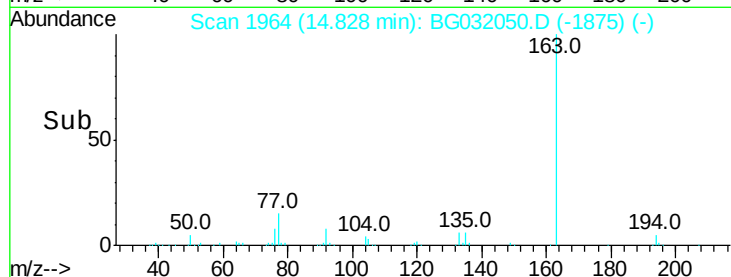
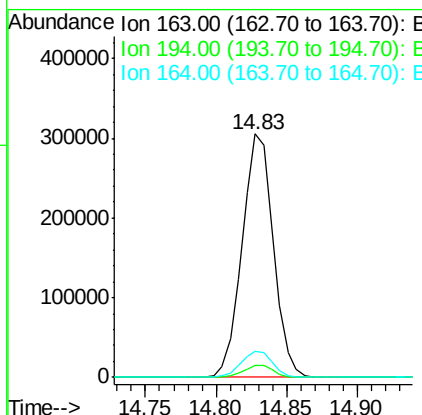
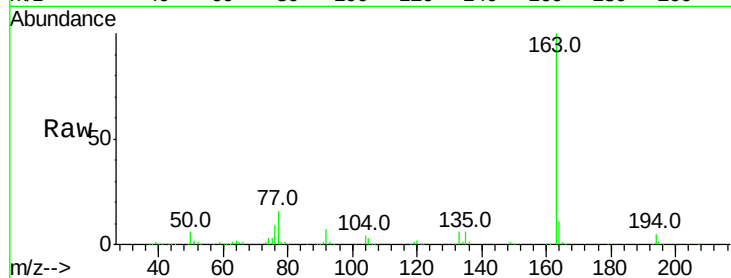




#49
 Dimethylphthalate
 Concen: 40.624 ng
 RT: 14.83 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

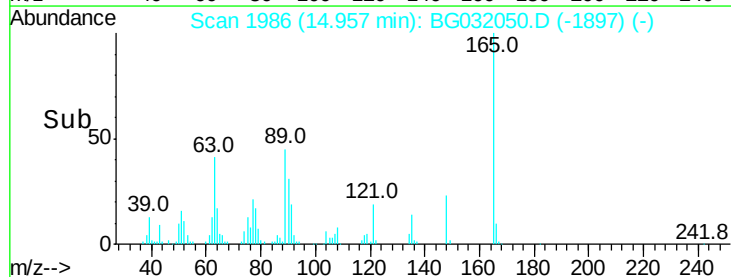
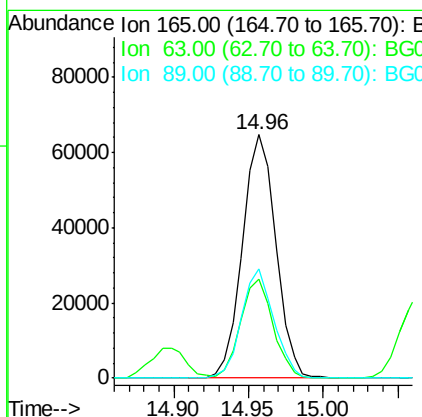
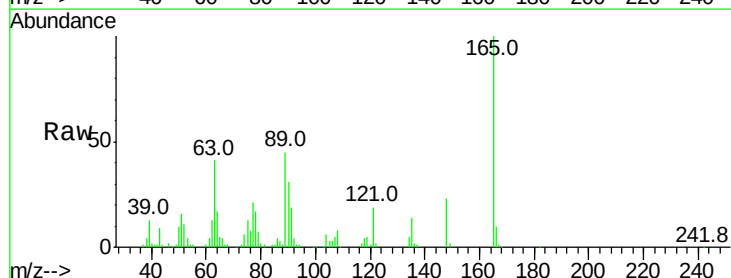
Instrument :
 BNA_G
 ClientSampleId :

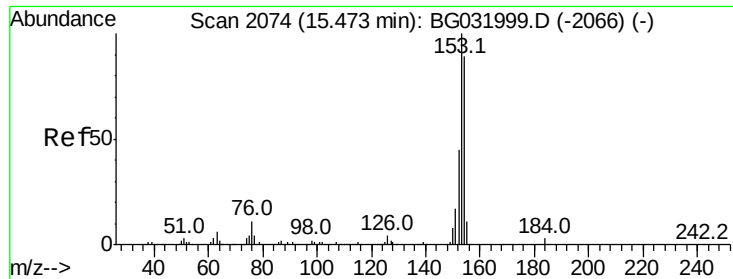
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	10.9	8.2	12.4



#50
 2,6-Dinitrotoluene
 Concen: 41.527 ng
 RT: 14.96 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.6	52.7	79.1#
89	44.8	49.2	73.8#





#51

Acenaphthene

Concen: 39.713 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampled :

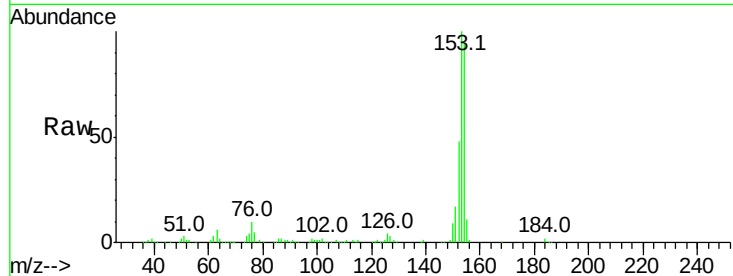
Tot Ion:154 Resp: 354838

Ion Ratio Lower Upper

154 100

153 106.8 90.4 135.6

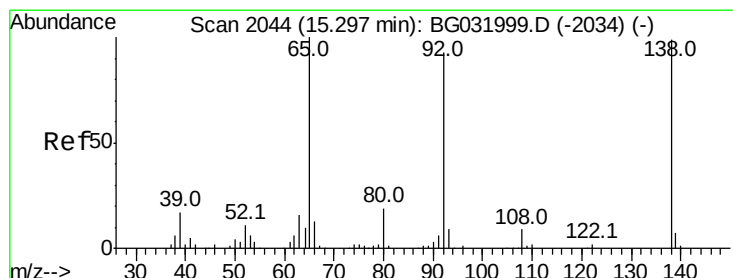
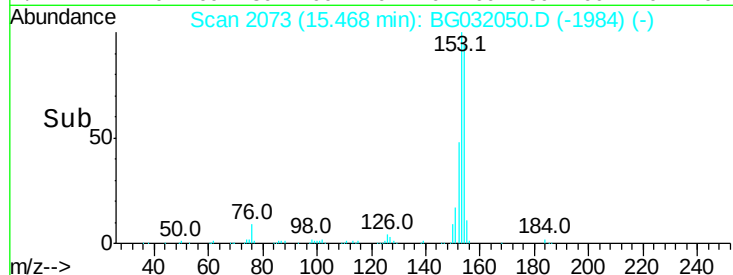
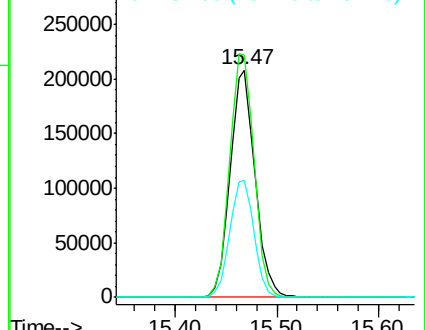
152 51.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.879 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

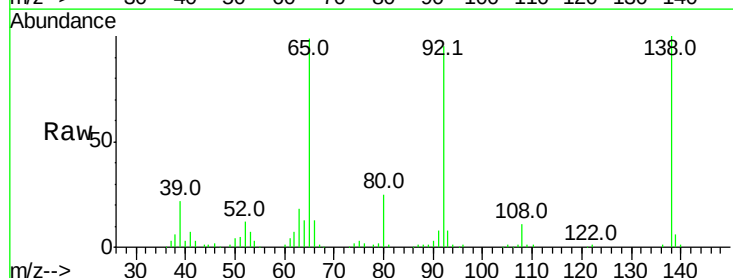
Tgt Ion:138 Resp: 91413

Ion Ratio Lower Upper

138 100

108 11.1 17.5 26.3#

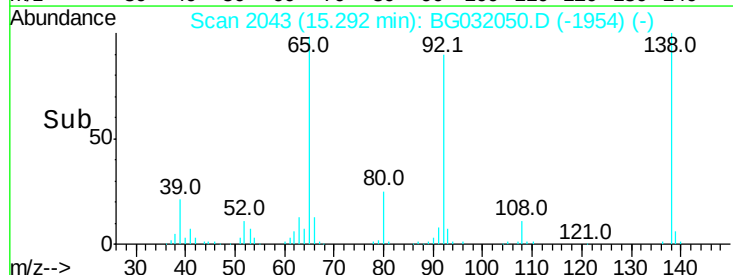
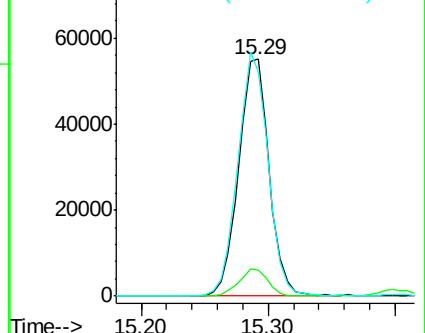
92 94.9 105.8 158.8#

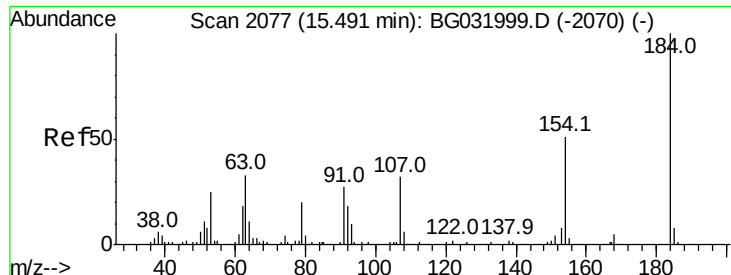


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

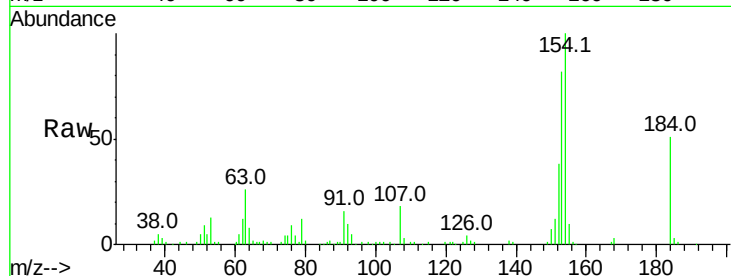




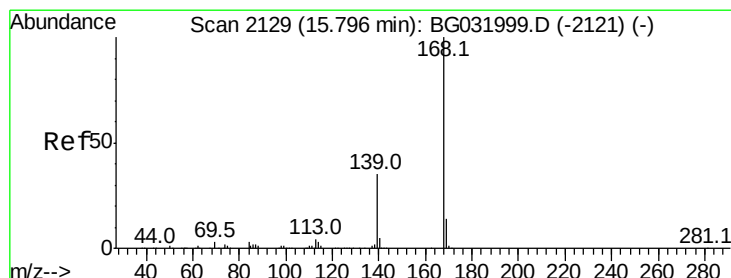
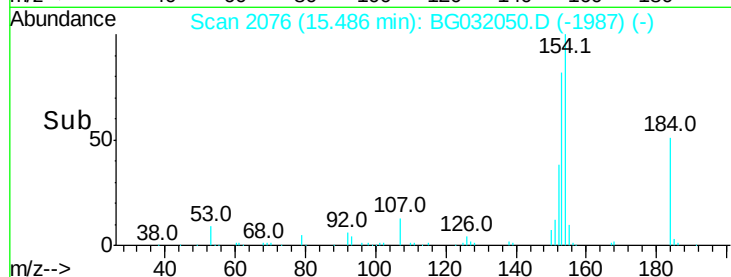
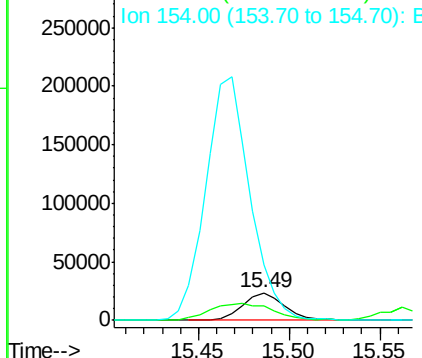
#53
 2,4-Dinitrophenol
 Concen: 35.532 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 37937
 Ion Ratio Lower Upper
 184 100
 63 50.6 59.8 89.8#
 154 197.7 101.8 152.8#

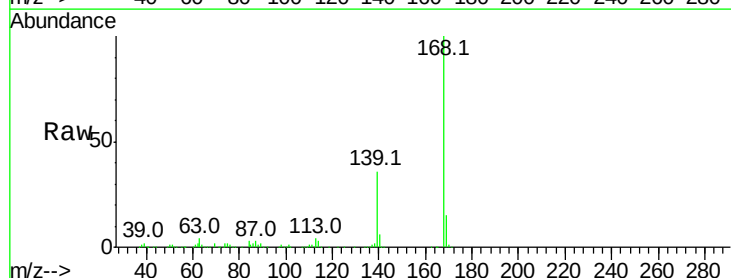


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

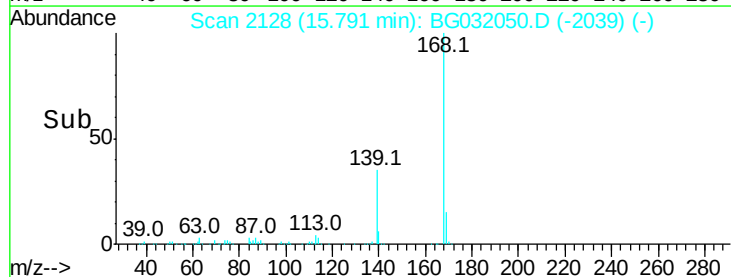
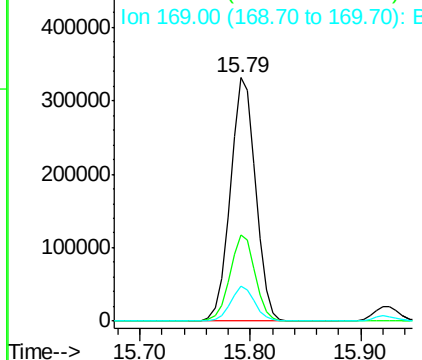


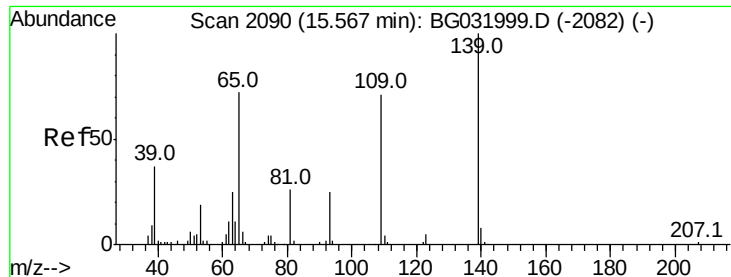
#54
 Dibenzofuran
 Concen: 39.805 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Tgt Ion:168 Resp: 530564
 Ion Ratio Lower Upper
 168 100
 139 35.6 28.6 43.0
 169 14.6 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: 43.463 ng

RT: 15.56 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

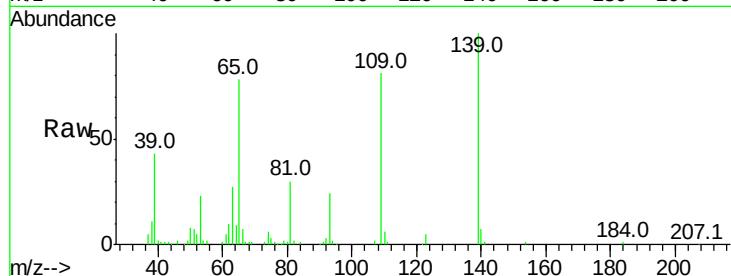
Tot Ion:139 Resp: 69140

Ion Ratio Lower Upper

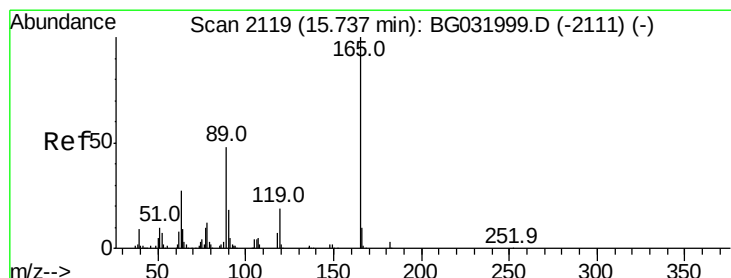
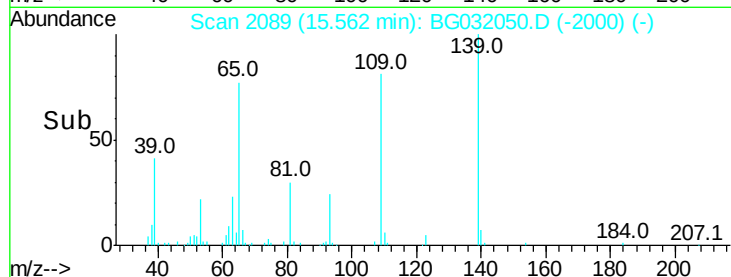
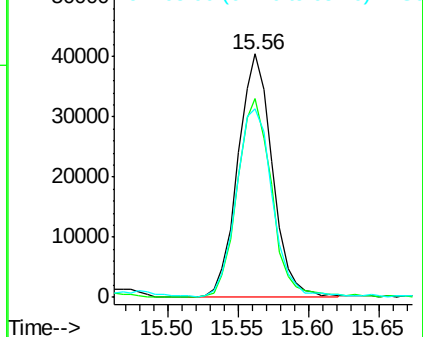
139 100

109 81.5 62.2 102.2

65 77.6 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: 44.348 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Tgt Ion:165 Resp: 144299

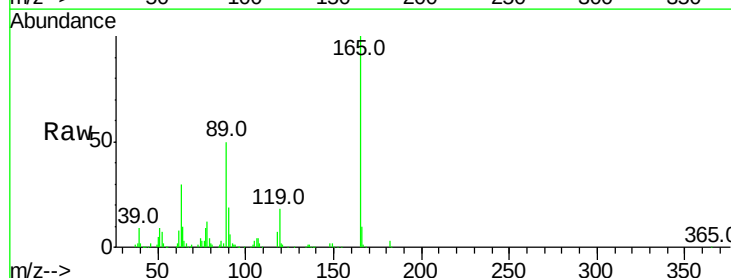
Ion Ratio Lower Upper

165 100

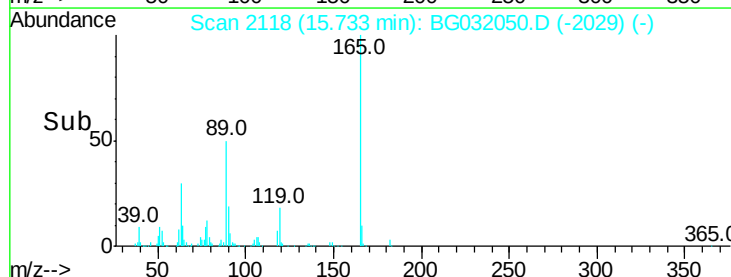
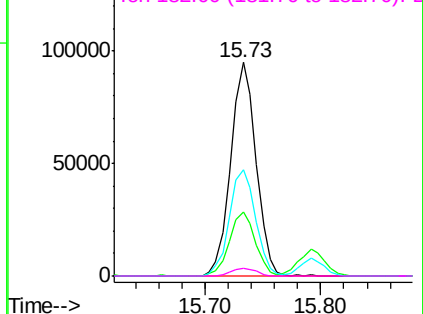
63 30.0 42.0 63.0#

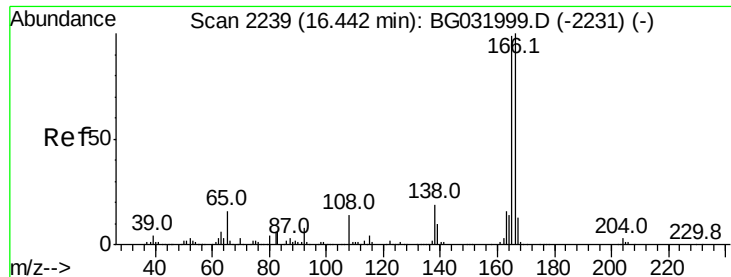
89 49.7 66.9 100.3#

182 3.5 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: 40.393 ng

RT: 16.44 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

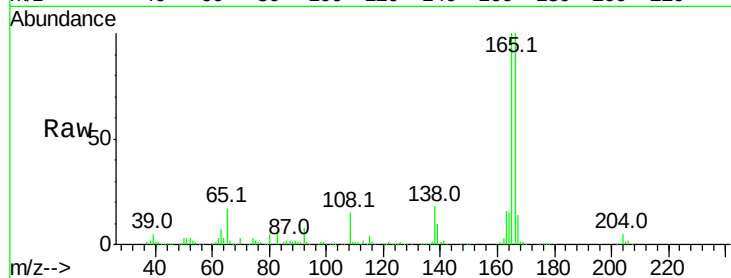
Tot Ion:166 Resp: 441562

Ion Ratio Lower Upper

166 100

165 100.0 80.6 121.0

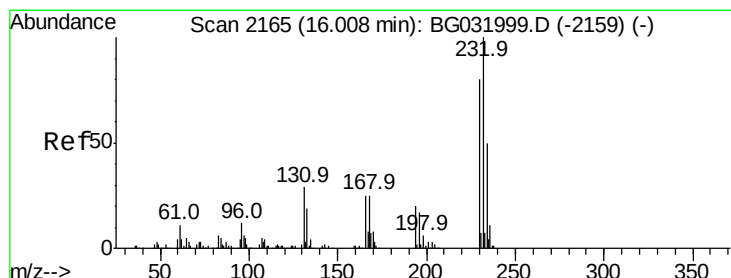
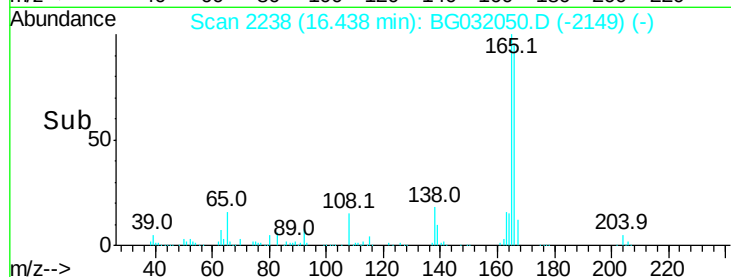
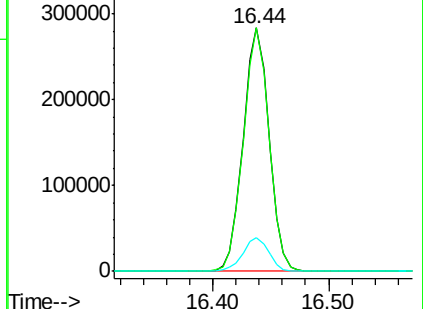
167 13.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.408 ng

RT: 16.00 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Tgt Ion:232 Resp: 154960

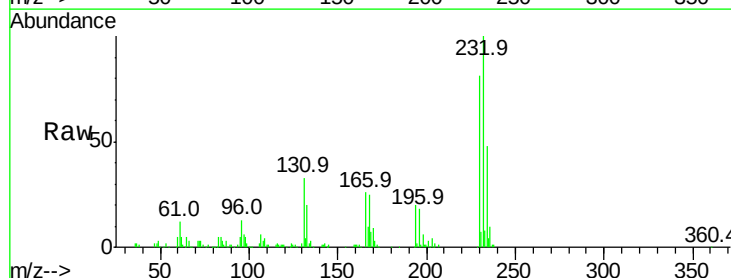
Ion Ratio Lower Upper

232 100

131 29.8 33.5 50.3#

130 1.8 2.2 3.2#

166 25.2 24.8 37.2

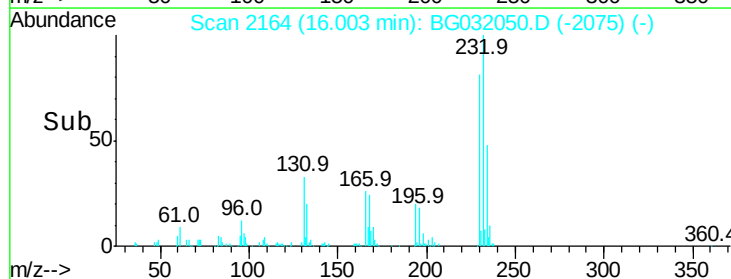
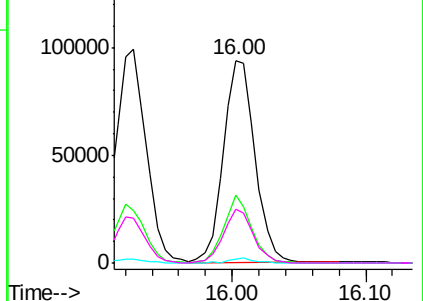


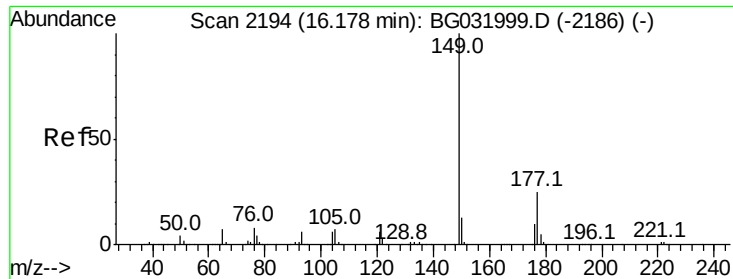
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

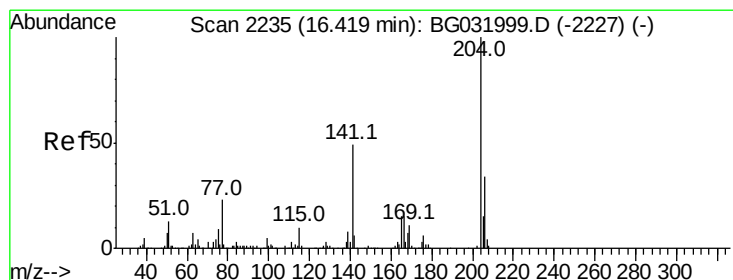
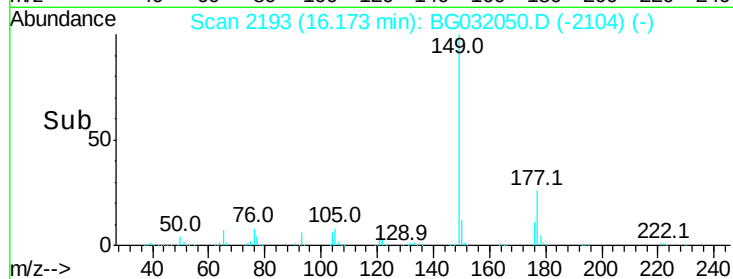
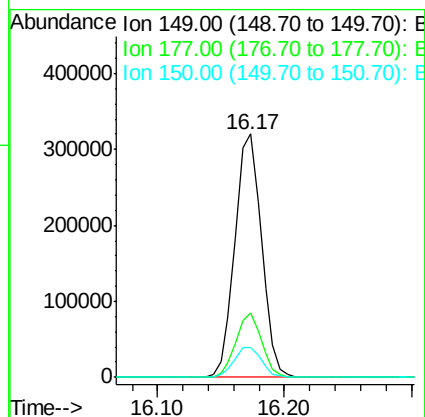
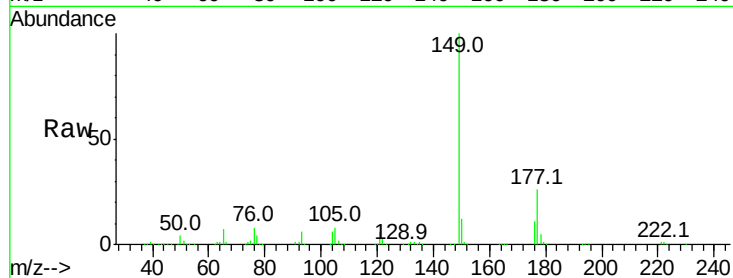




#59
Diethylphthalate
Concen: 41.072 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

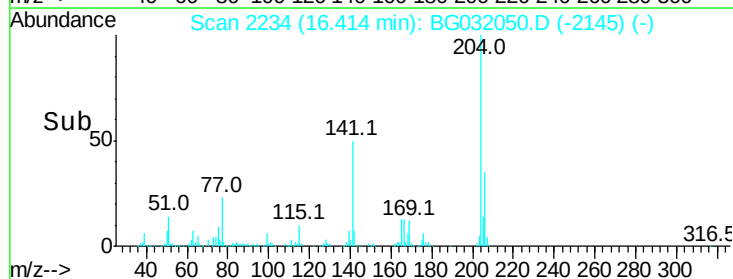
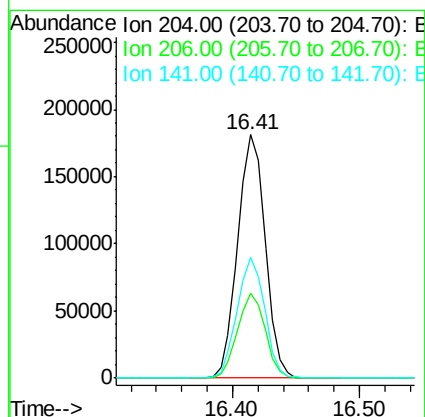
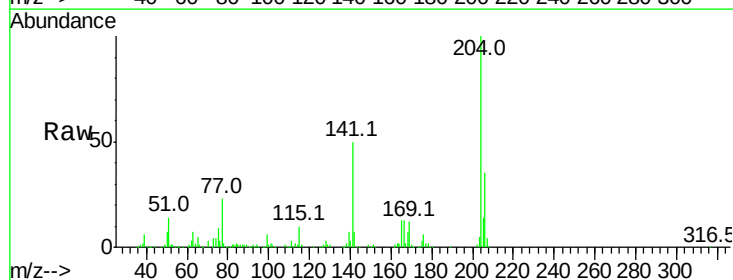
Instrument :
BNA_G
ClientSampleId :

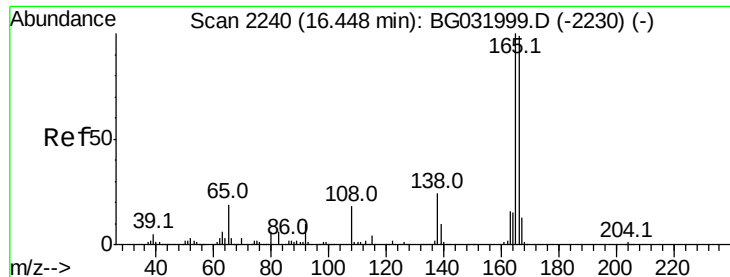
Tot Ion:149 Resp: 463609
Ion Ratio Lower Upper
149 100
177 26.2 18.5 27.7
150 12.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.578 ng
RT: 16.41 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Tgt Ion:204 Resp: 272114
Ion Ratio Lower Upper
204 100
206 34.8 26.2 39.2
141 49.8 45.8 68.6

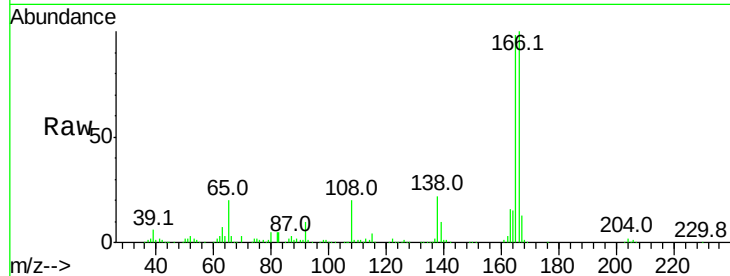




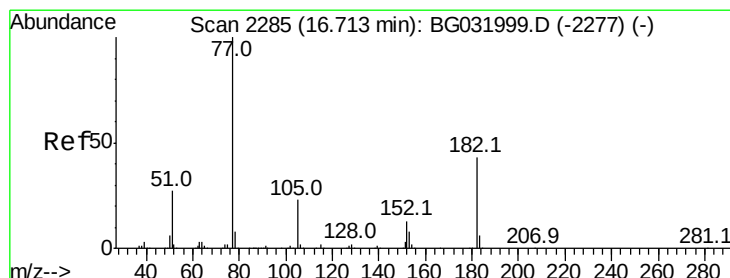
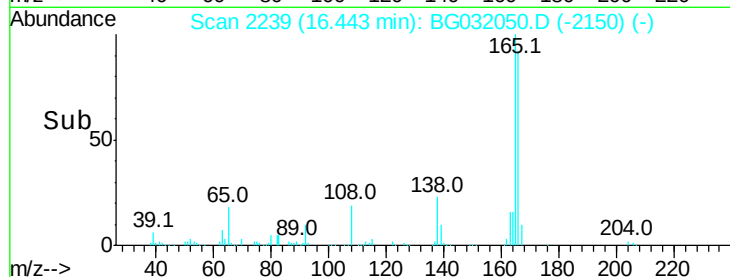
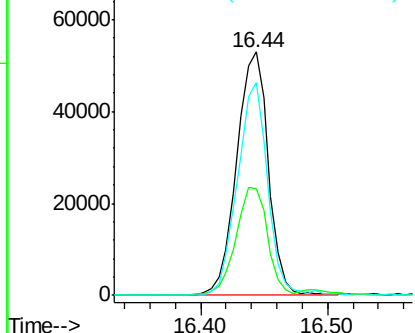
#61
4-Nitroaniline
Concen: 43.821 ng
RT: 16.44 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 91756
Ion Ratio Lower Upper
138 100
92 43.8 40.1 80.1
108 87.5 65.4 105.4

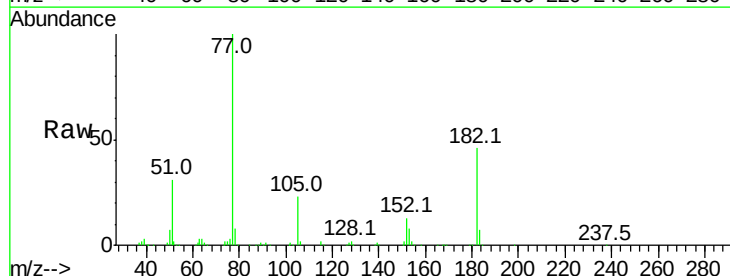


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

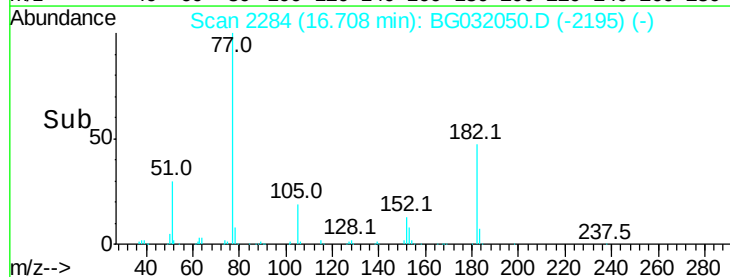
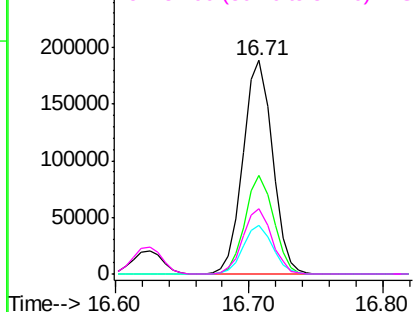


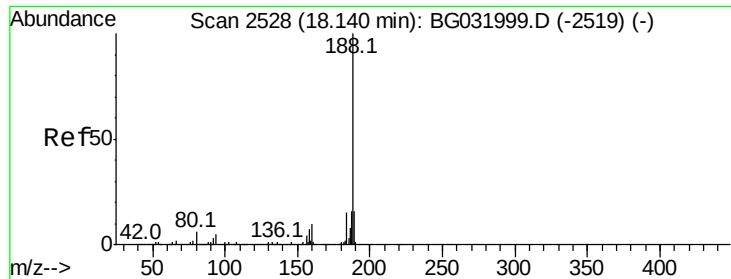
#62
Azobenzene
Concen: 40.668 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Tgt Ion: 77 Resp: 287323
Ion Ratio Lower Upper
77 100
182 46.1 7.4 47.4
105 23.1 0.3 40.3
51 30.8 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

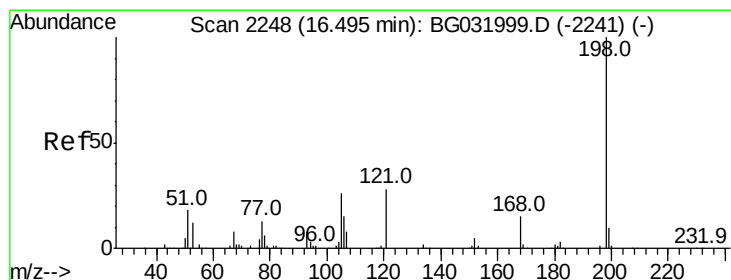
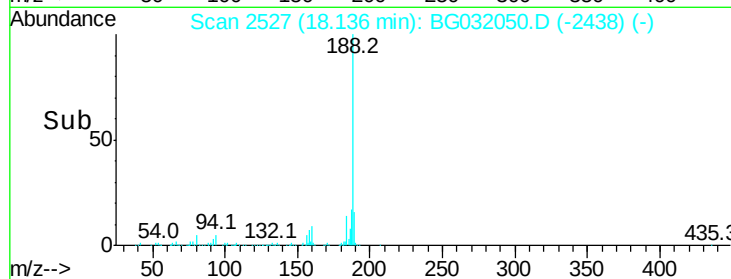
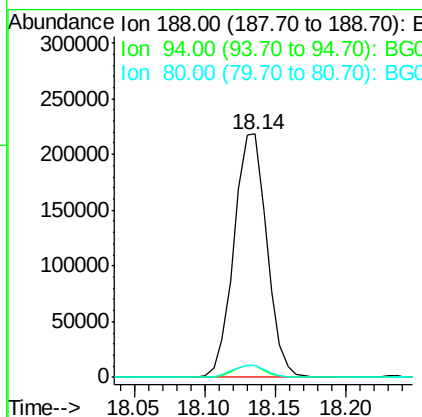
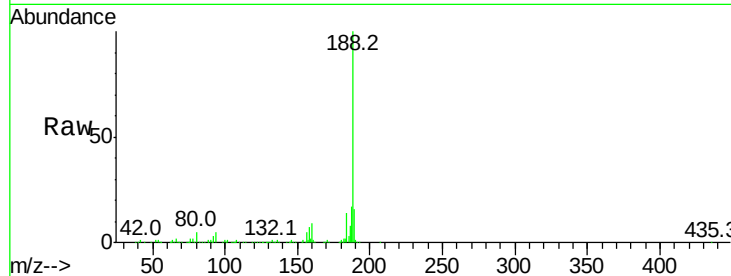




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

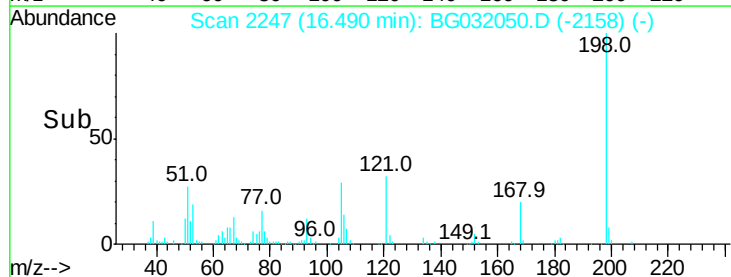
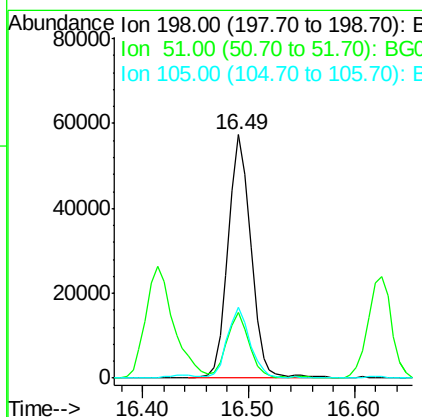
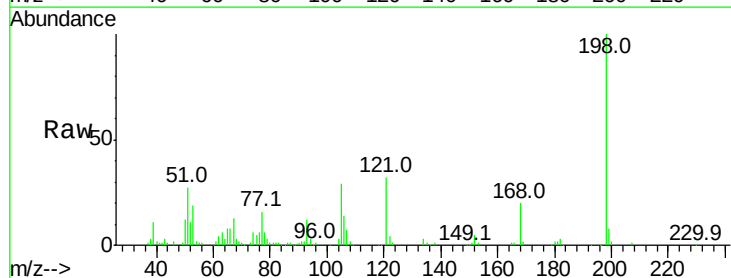
Instrument :
BNA_G
ClientSampleId :

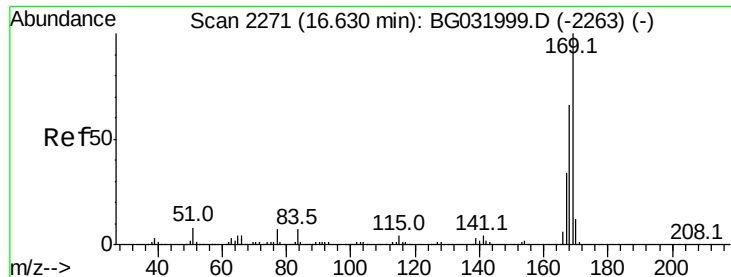
Tot Ion:188 Resp: 354718
Ion Ratio Lower Upper
188 100
94 4.7 6.9 10.3#
80 4.8 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 38.939 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Tgt Ion:198 Resp: 86079
Ion Ratio Lower Upper
198 100
51 26.9 30.6 70.6#
105 29.2 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 38.101 ng

RT: 16.63 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

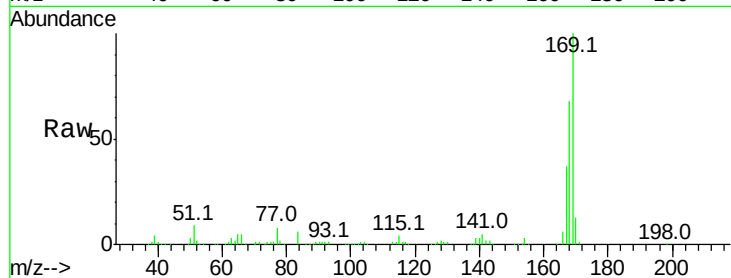
Tot Ion:169 Resp: 410102

Ion Ratio Lower Upper

169 100

168 67.7 55.7 83.5

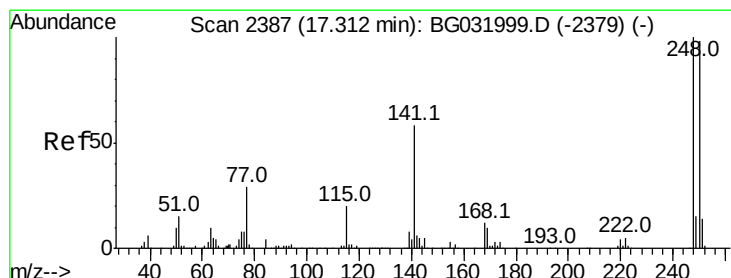
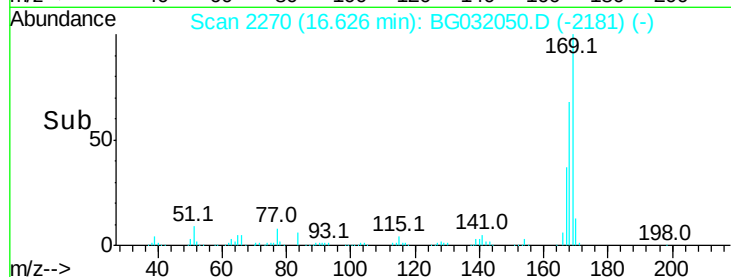
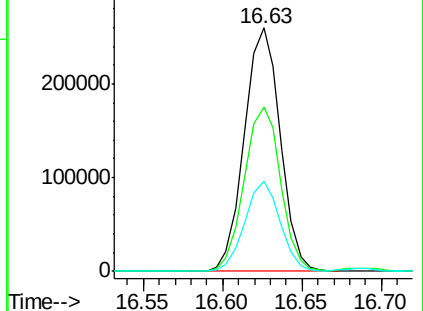
167 36.8 30.1 45.1



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: 38.882 ng

RT: 17.31 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

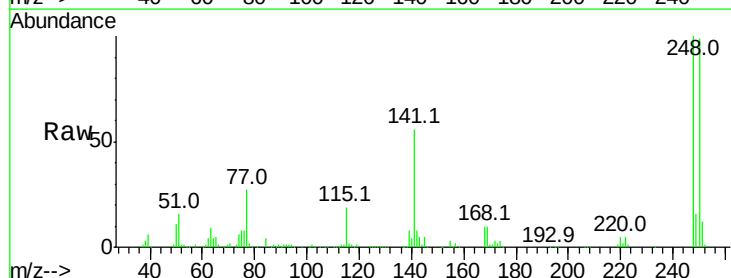
Tgt Ion:248 Resp: 196236

Ion Ratio Lower Upper

248 100

250 98.7 77.1 115.7

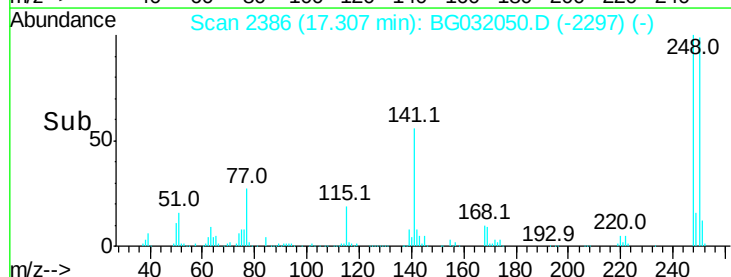
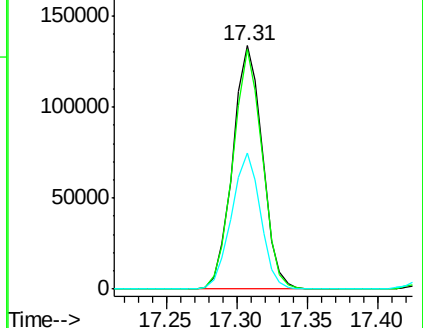
141 56.0 50.8 76.2

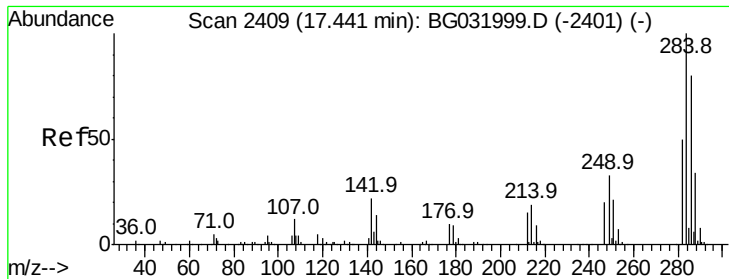


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.347 ng

RT: 17.44 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

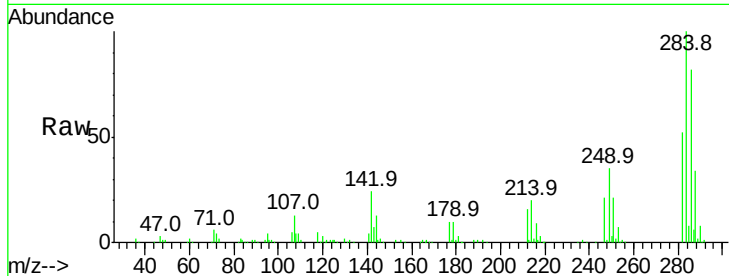
Tot Ion:284 Resp: 208535

Ion Ratio Lower Upper

284 100

142 24.3 26.8 40.2#

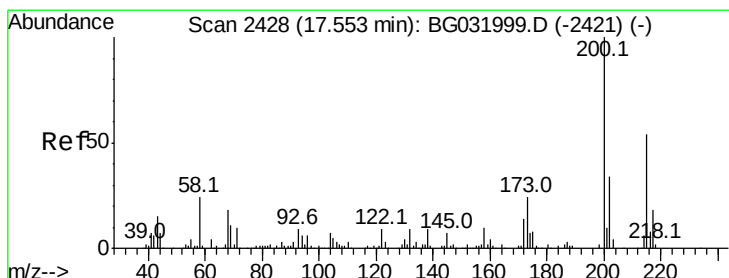
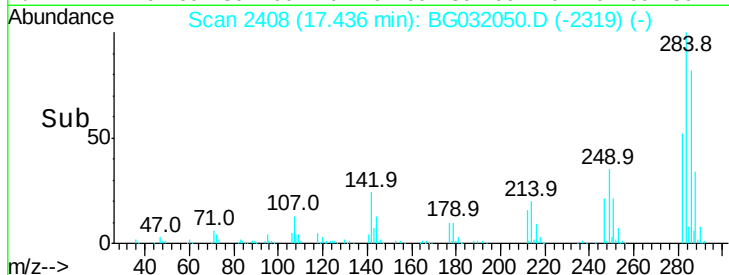
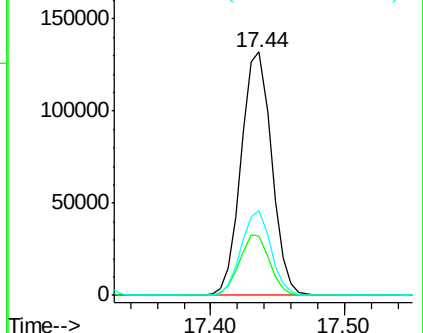
249 35.1 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.664 ng

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

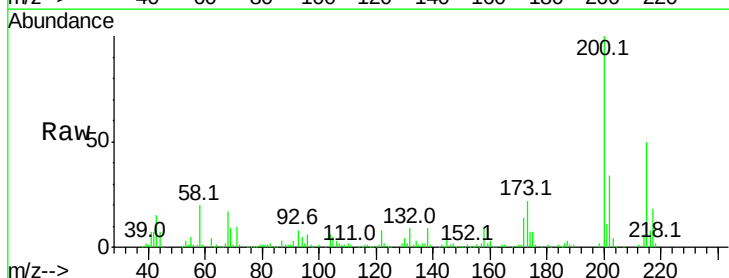
Tgt Ion:200 Resp: 184068

Ion Ratio Lower Upper

200 100

173 21.8 5.2 45.2

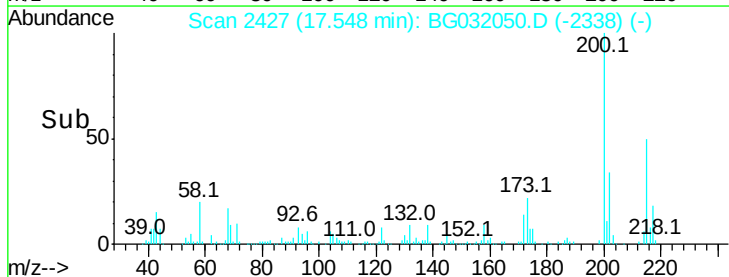
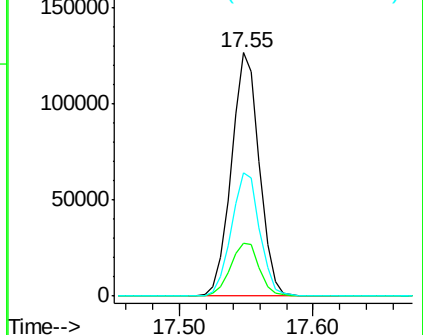
215 50.5 30.4 70.4

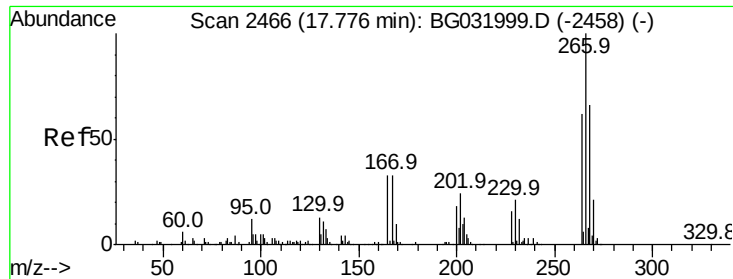


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

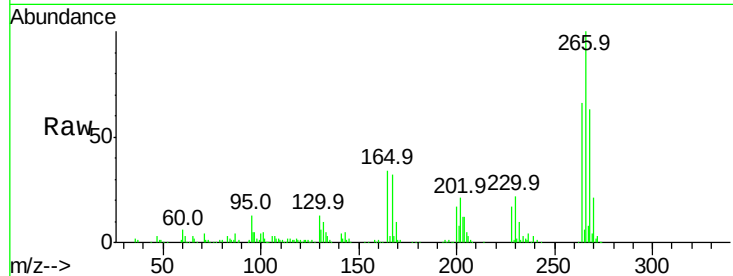




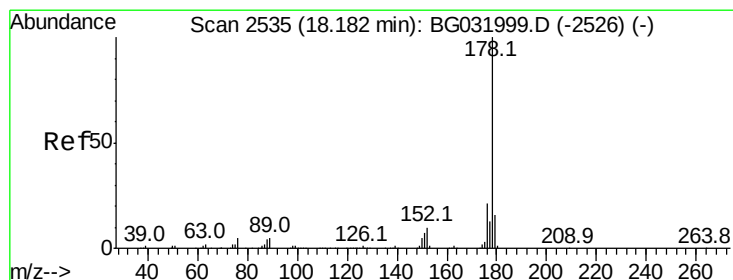
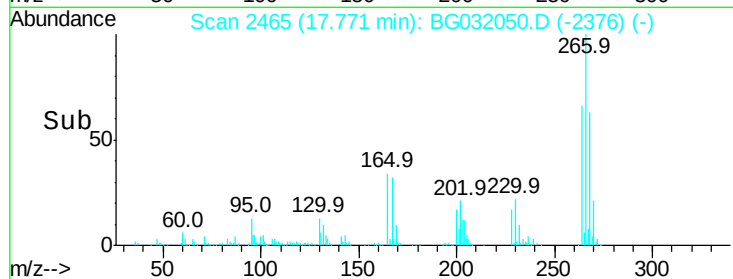
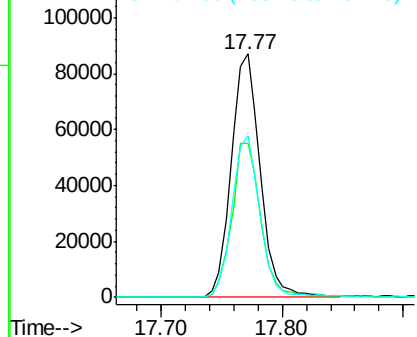
#69
 Pentachlorophenol
 Concen: 40.757 ng
 RT: 17.77 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	66.3	49.6	74.4

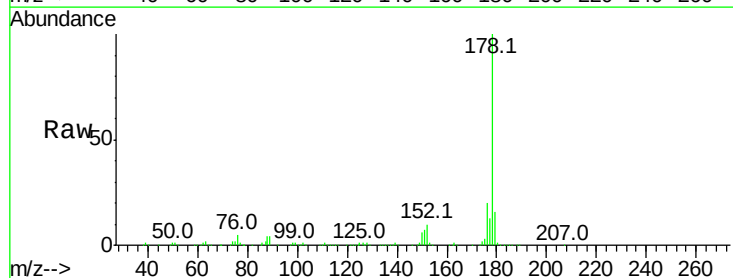


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

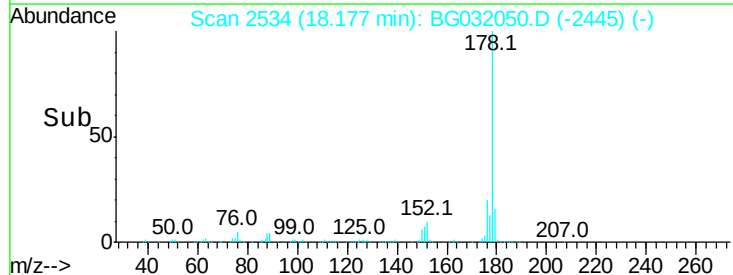
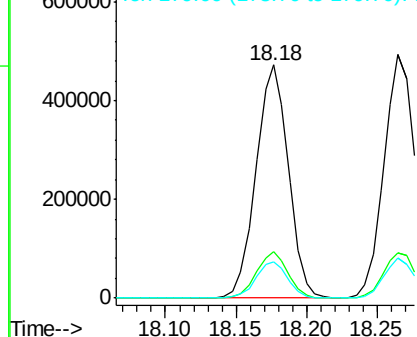


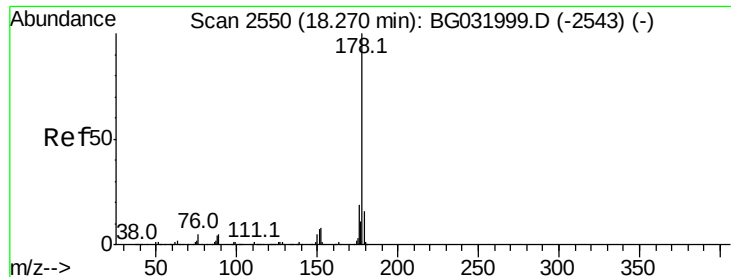
#70
 Phenanthrene
 Concen: 38.461 ng
 RT: 18.18 min Scan# 2534
 Delta R.T. -0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	15.6	12.5	18.7



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

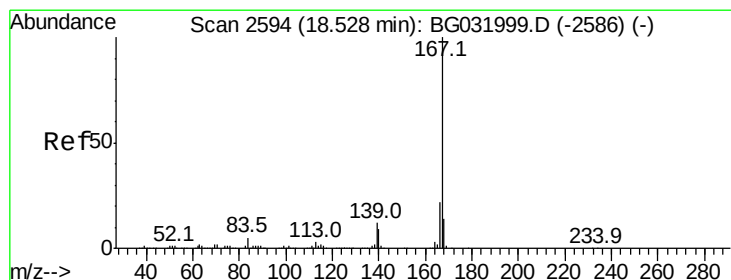
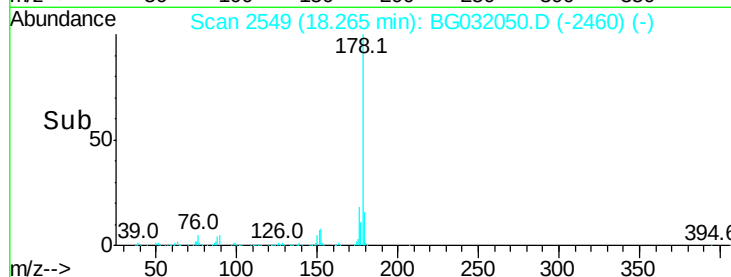
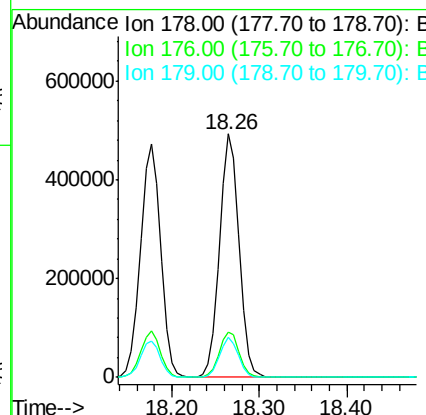
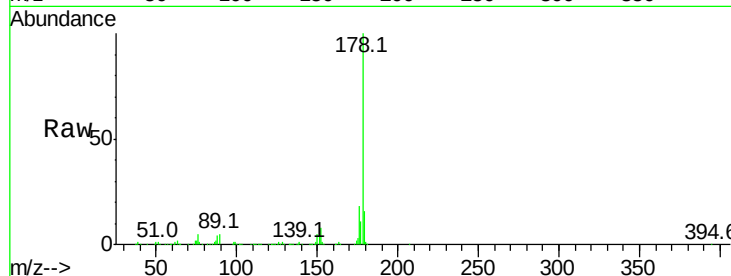




#71
 Anthracene
 Concen: 38.765 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

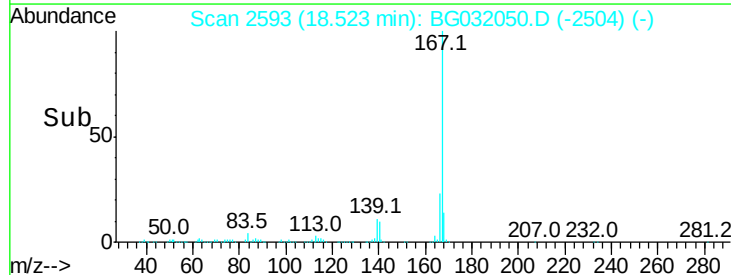
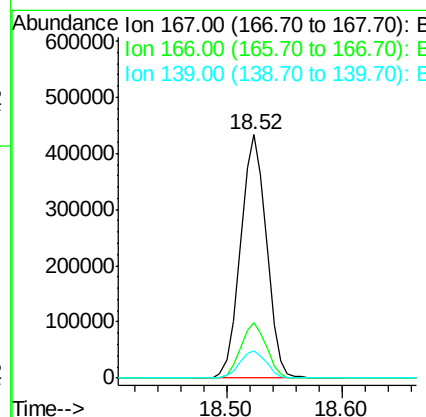
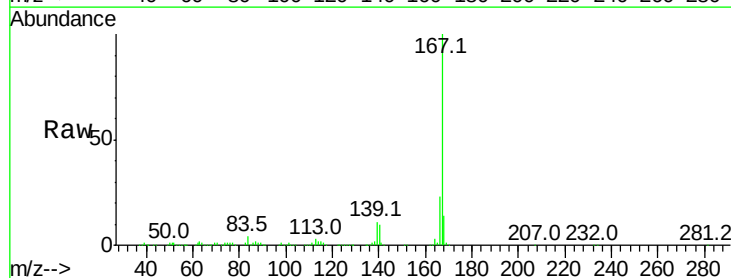
Instrument :
 BNA_G
 ClientSampleId :

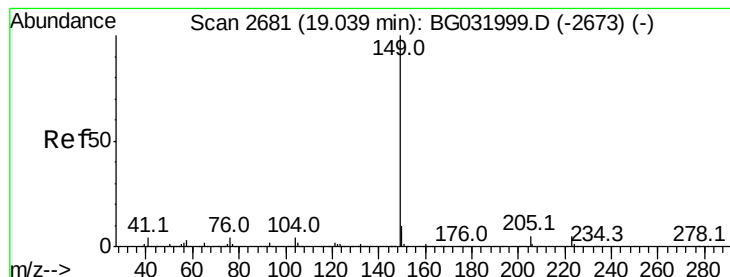
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.0	24.0
179	16.4	12.5	18.7



#72
 Carbazole
 Concen: 39.265 ng
 RT: 18.52 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	11.5	9.4	14.2





#73

Di-n-butylphthalate

Concen: 39.049 ng

RT: 19.03 min Scan# 2680

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

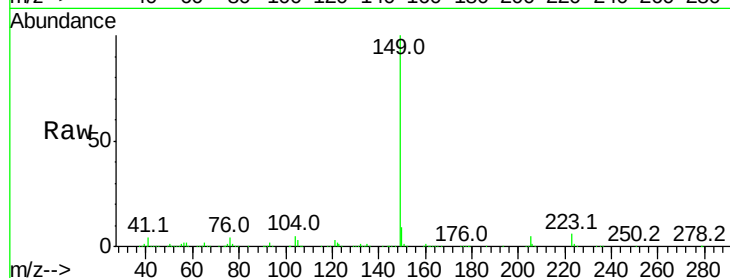
Tot Ion:149 Resp: 788462

Ion Ratio Lower Upper

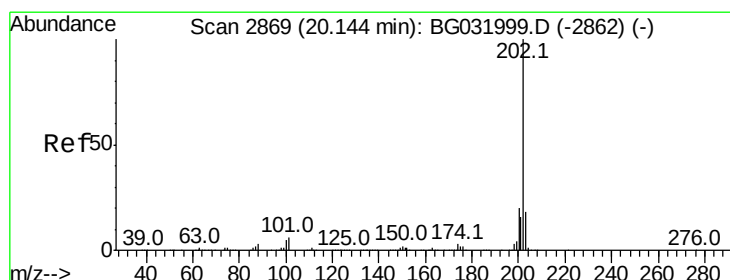
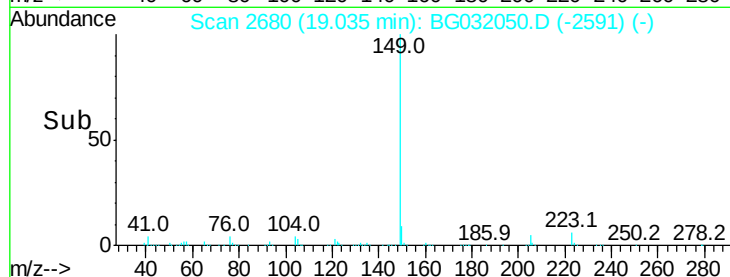
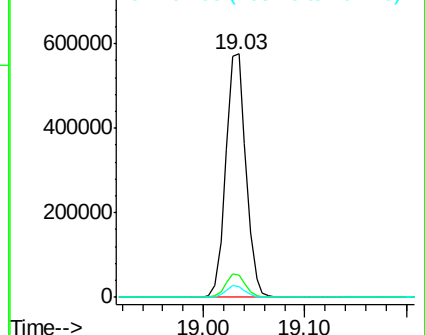
149 100

150 9.3 7.8 11.6

104 4.5 3.9 5.9



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



#74

Fluoranthene

Concen: 39.553 ng

RT: 20.13 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

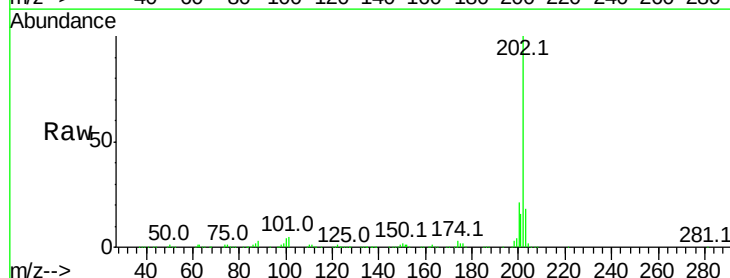
Tgt Ion:202 Resp: 978037

Ion Ratio Lower Upper

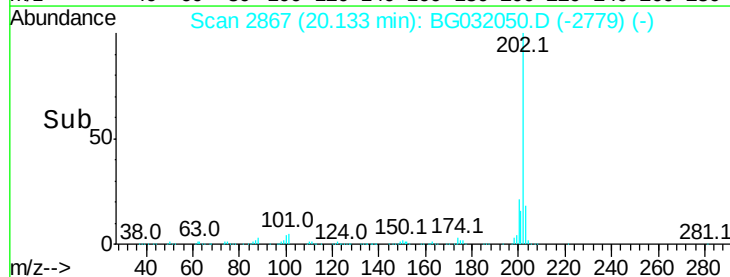
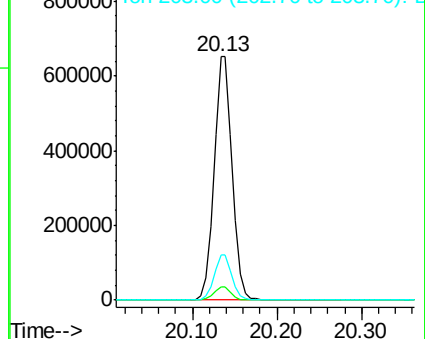
202 100

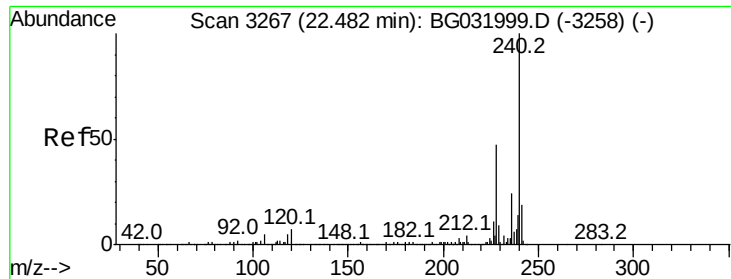
101 5.3 0.0 28.9

203 18.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.47 min Scan# 3265

Delta R.T. -0.01 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampled :

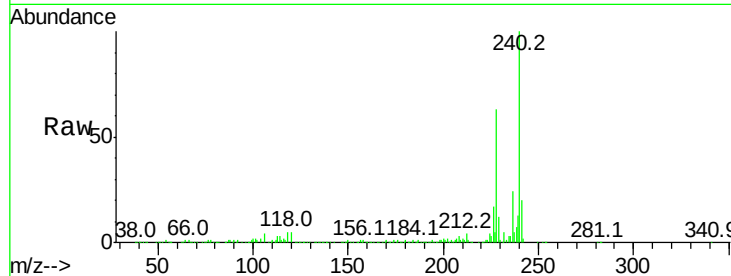
Tot Ion:240 Resp: 421715

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

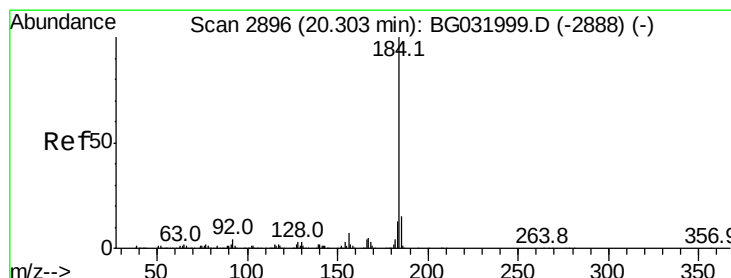
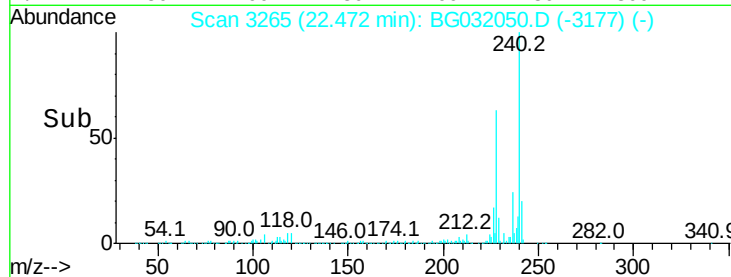
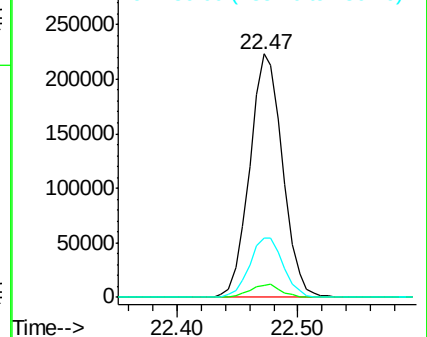
236 24.4 20.9 31.3



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: 36.965 ng

RT: 20.30 min Scan# 2895

Delta R.T. -0.00 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

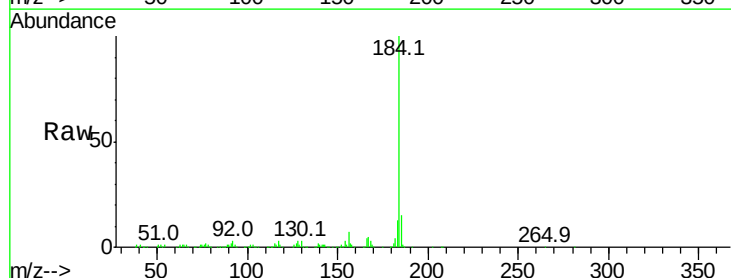
Tgt Ion:184 Resp: 389818

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

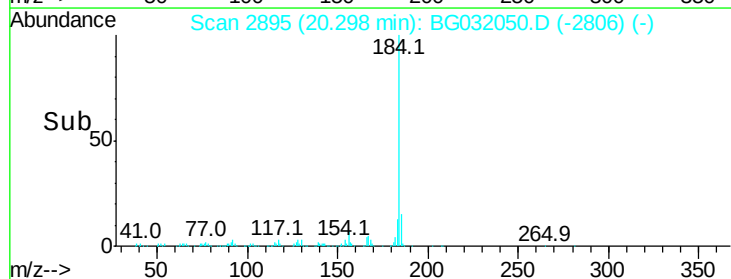
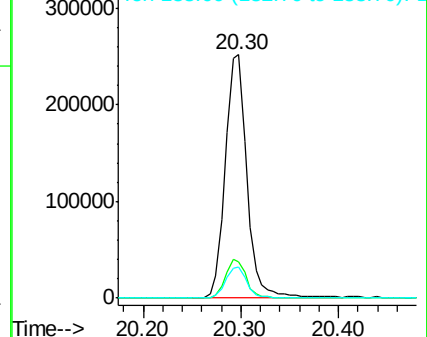
183 12.8 10.6 16.0

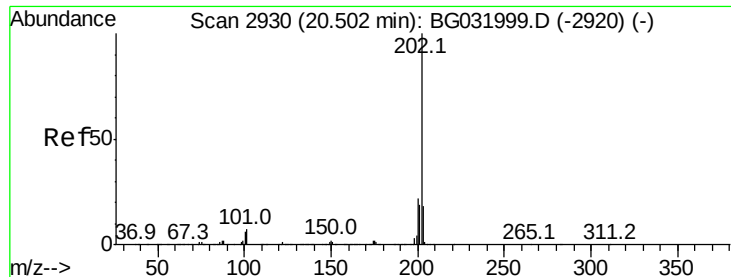


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

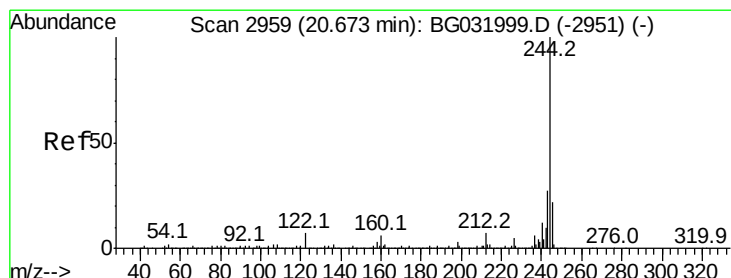
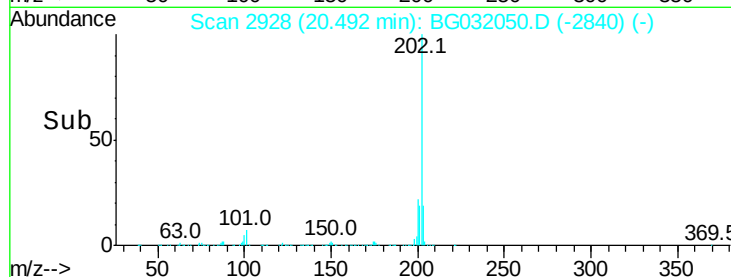
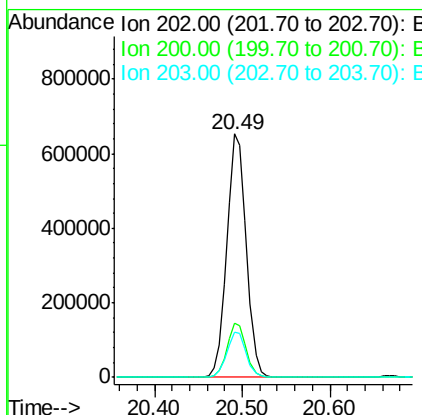
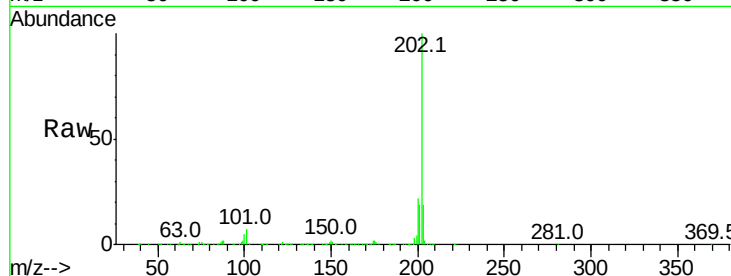




#77
Pvrene
Concen: 37.527 ng
RT: 20.49 min Scan# 2928
Delta R.T. -0.01 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

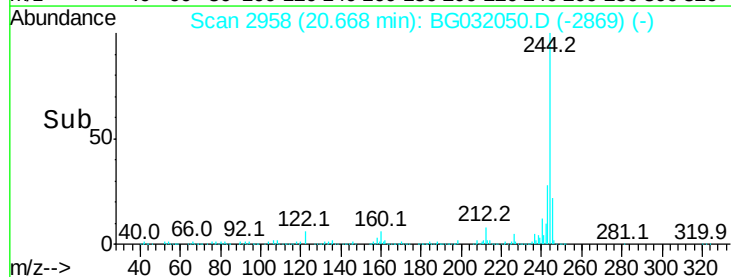
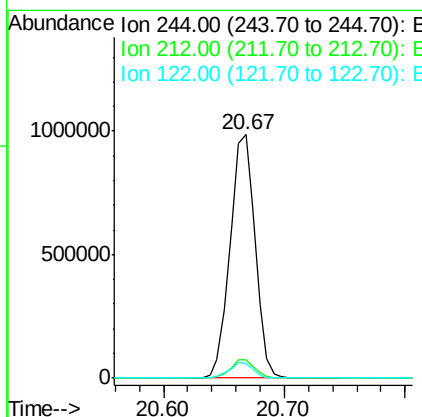
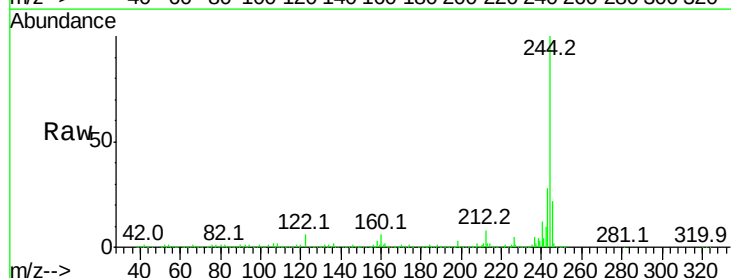
Instrument :
BNA_G
ClientSampled :

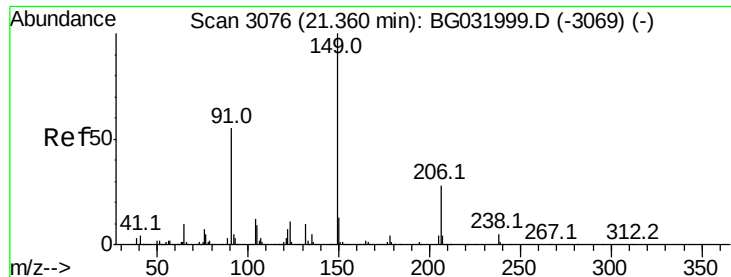
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	18.7	13.9	20.9



#78
Terphenyl-d14
Concen: 74.717 ng
RT: 20.67 min Scan# 2958
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	6.0	7.0	10.4#

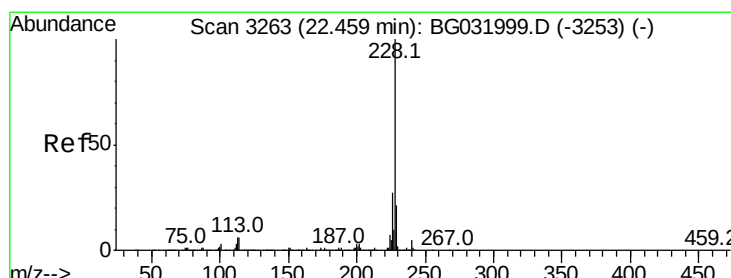
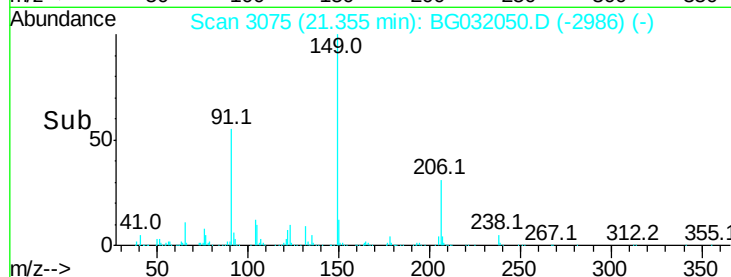
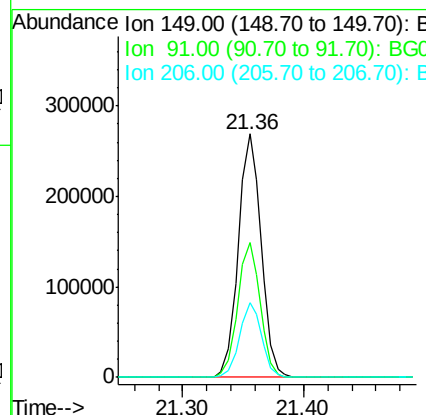
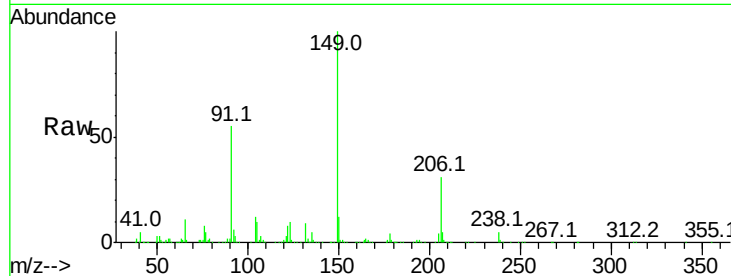




#79
Butylbenzylphthalate
Concen: 37.341 ng
RT: 21.36 min Scan# 3075
Delta R.T. -0.00 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

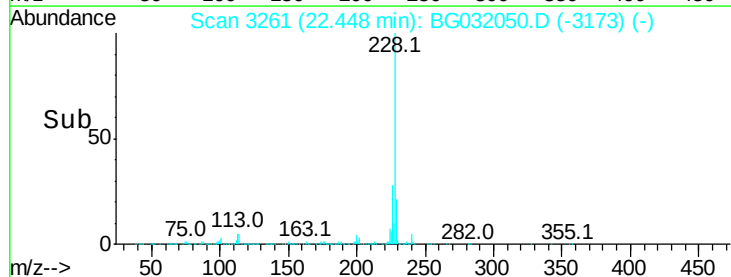
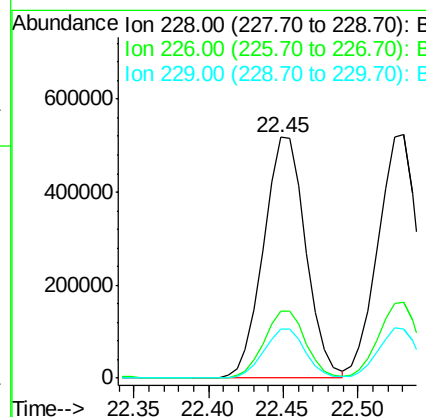
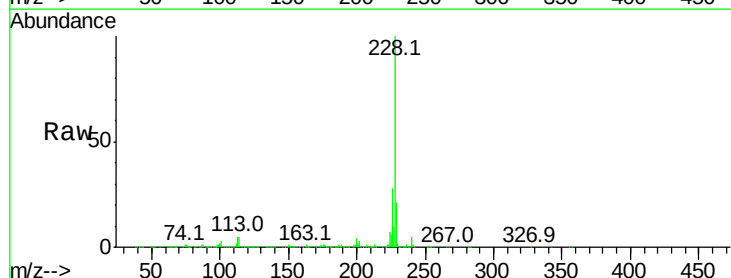
Instrument :
BNA_G
ClientSampleId :

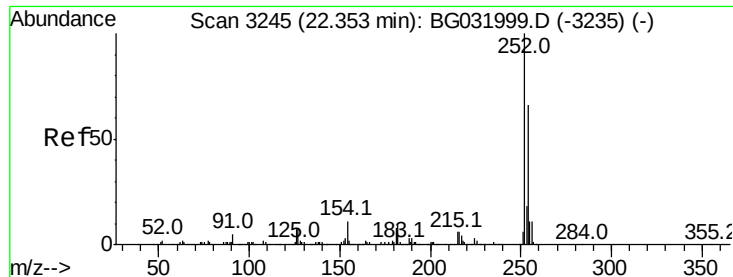
Tot Ion	Ratio	Lower	Upper
149	100		
91	55.3	62.2	93.2#
206	30.8	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 38.825 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	20.5	16.2	24.2

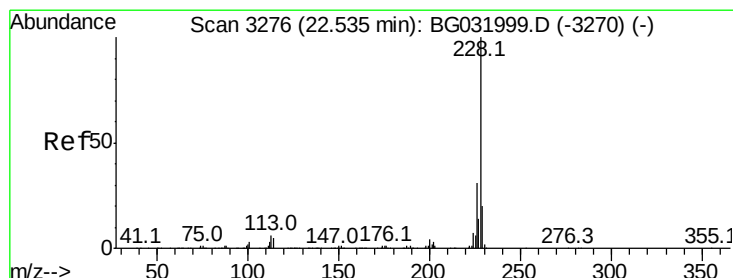
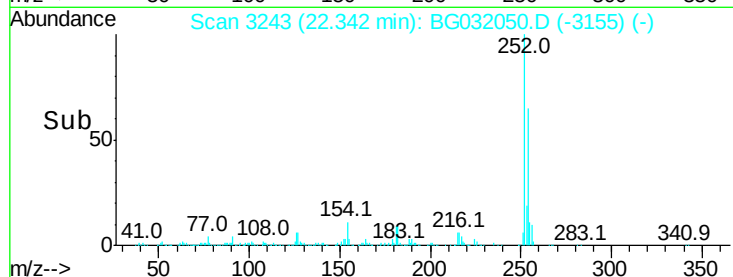
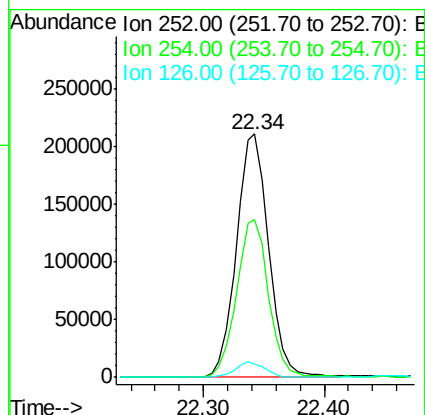
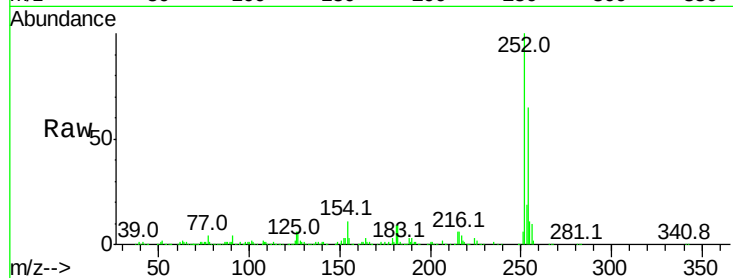




#81
 3,3'-Dichlorobenzidine
 Concen: 40.078 ng
 RT: 22.34 min Scan# 3243
 Delta R.T. -0.01 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

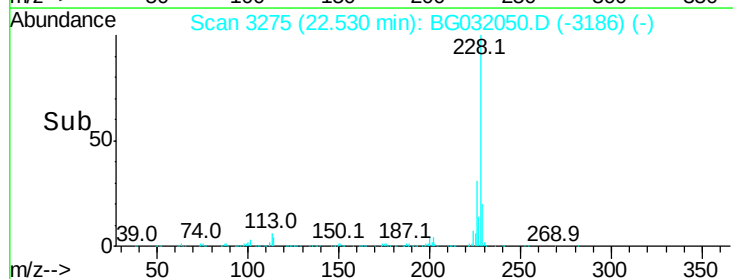
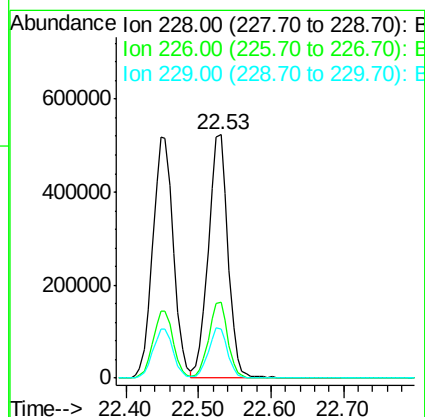
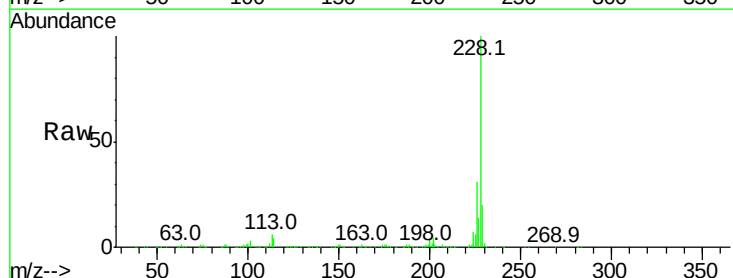
Instrument :
 BNA_G
 ClientSampleId :

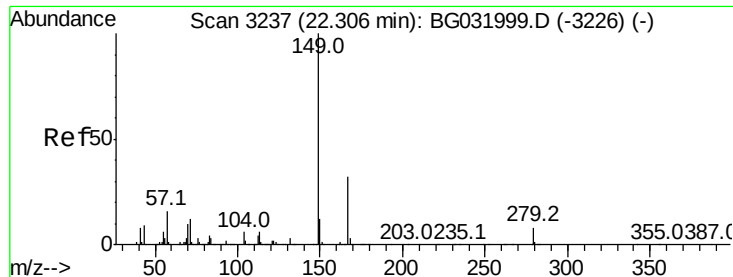
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.8	76.2
126	5.7	7.4	11.2#



#82
 Chrysene
 Concen: 39.041 ng
 RT: 22.53 min Scan# 3275
 Delta R.T. -0.00 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.2	15.0	22.4

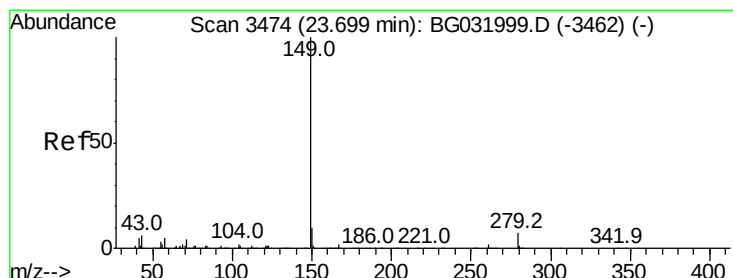
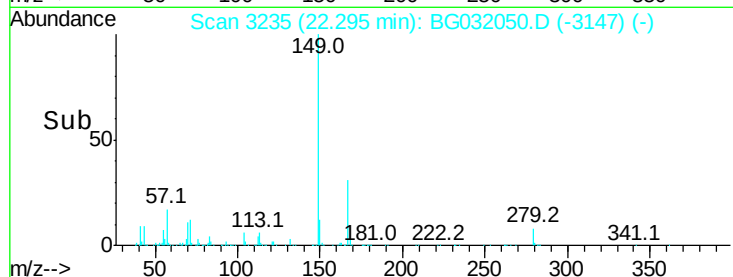
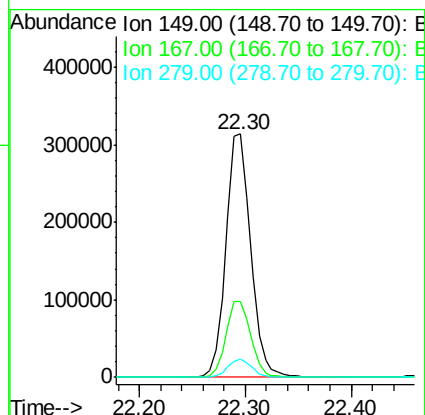
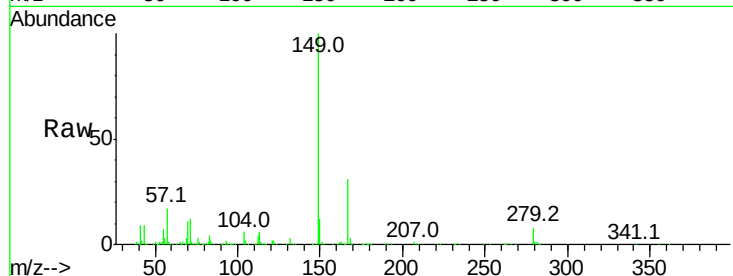




#83
Bis(2-ethylhexyl)phthalate
Concen: 36.561 ng
RT: 22.30 min Scan# 3235
Delta R.T. -0.01 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

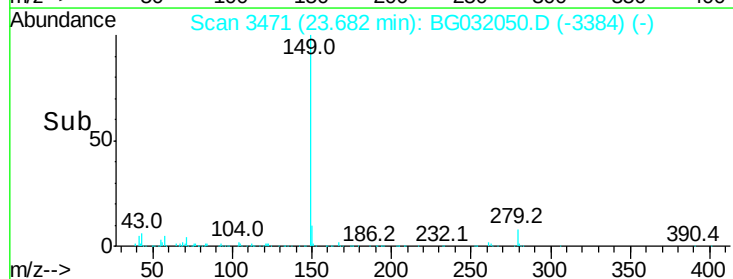
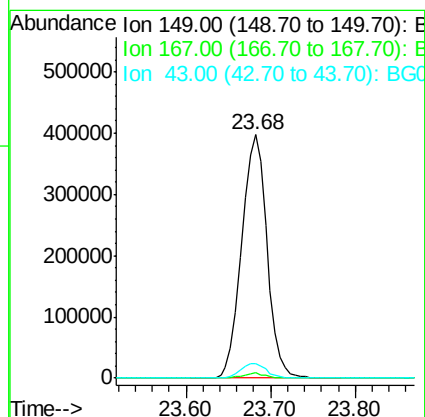
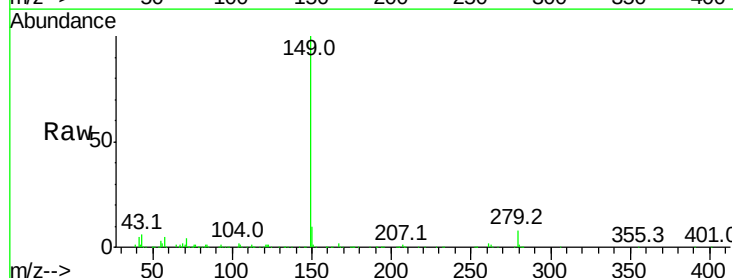
Instrument :
BNA_G
ClientSampleId :

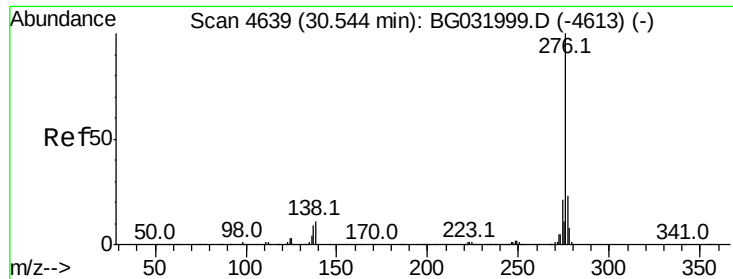
Tot Ion:149 Resp: 509247
Ion Ratio Lower Upper
149 100
167 31.0 24.3 36.5
279 7.5 4.0 6.0#



#84
Di-n-octyl phthalate
Concen: 37.158 ng
RT: 23.68 min Scan# 3471
Delta R.T. -0.02 min
Lab File: BG032050.D
Acq: 16 Jan 2018 2:58

Tgt Ion:149 Resp: 822001
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 6.2 8.9 13.3#



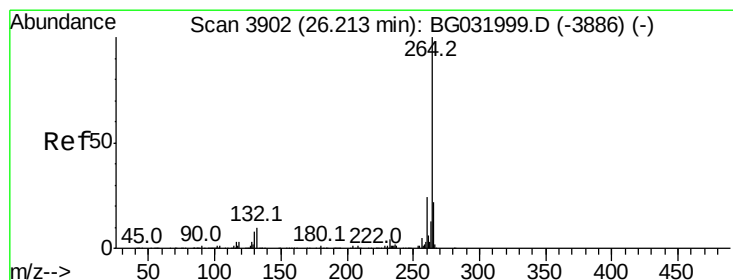
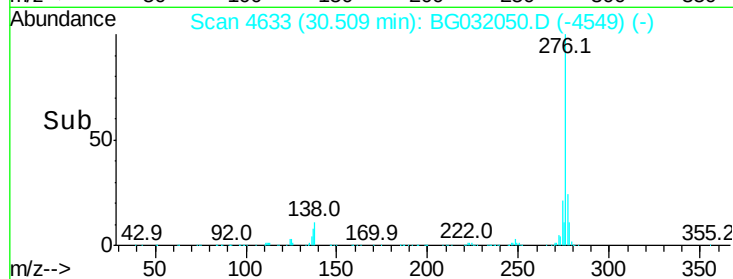
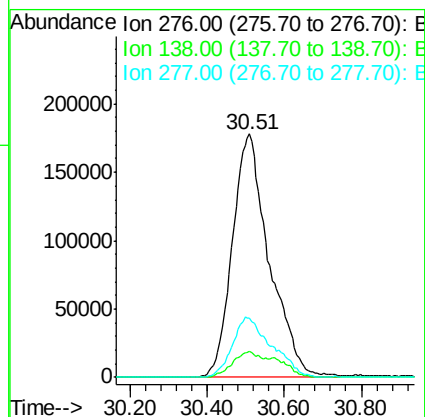
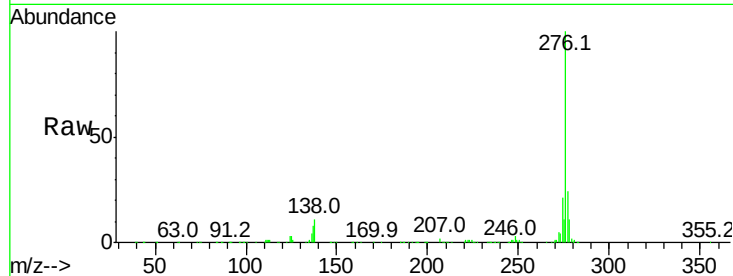


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.524 ng
 RT: 30.51 min Scan# 4633
 Delta R.T. -0.03 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1187458

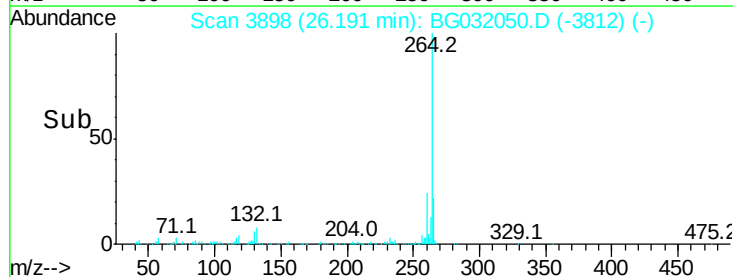
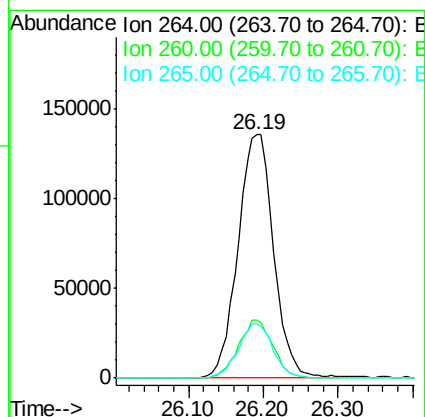
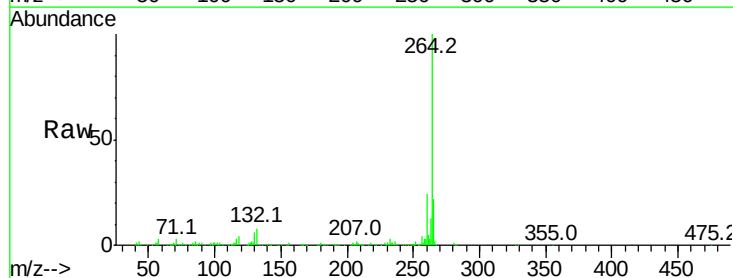
Ion	Ratio	Lower	Upper
276	100		
138	8.8	16.0	24.0#
277	26.3	20.0	30.0

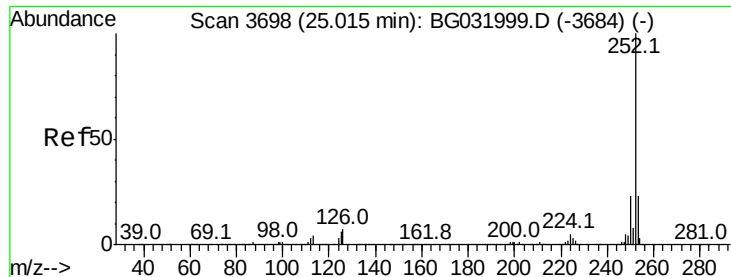


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.19 min Scan# 3898
 Delta R.T. -0.02 min
 Lab File: BG032050.D
 Acq: 16 Jan 2018 2:58

Tgt Ion:264 Resp: 448015

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 39.323 ng

RT: 25.00 min Scan# 3695

Delta R.T. -0.02 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

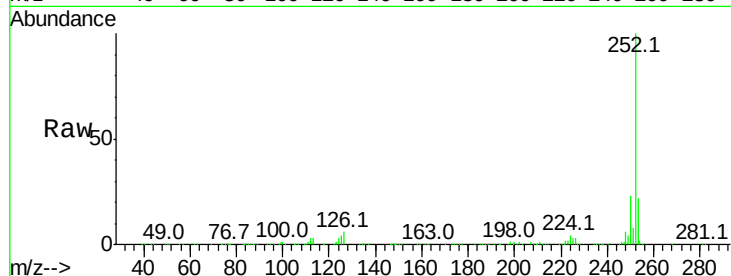
Tot Ion:252 Resp: 1064862

Ion Ratio Lower Upper

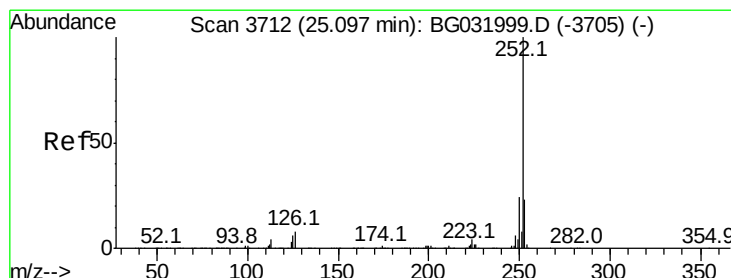
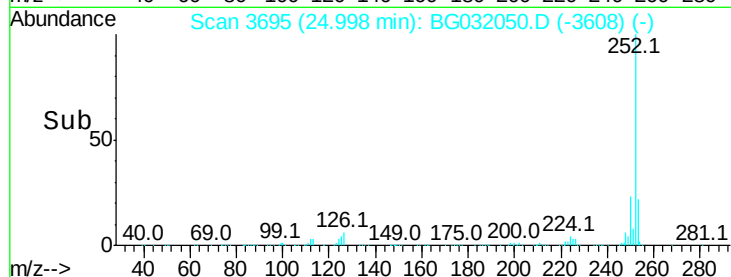
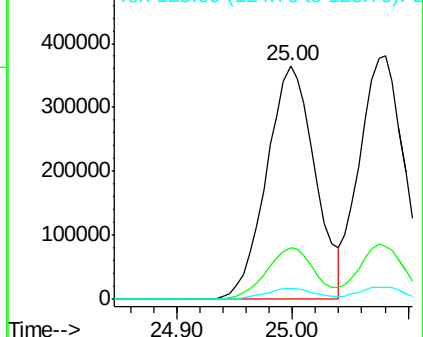
252 100

253 22.0 18.2 27.4

125 4.4 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: 38.953 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.02 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

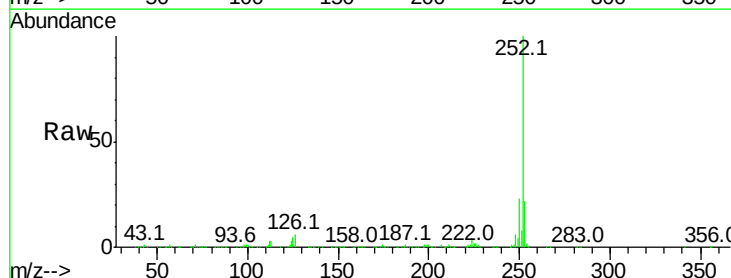
Tgt Ion:252 Resp: 1030748

Ion Ratio Lower Upper

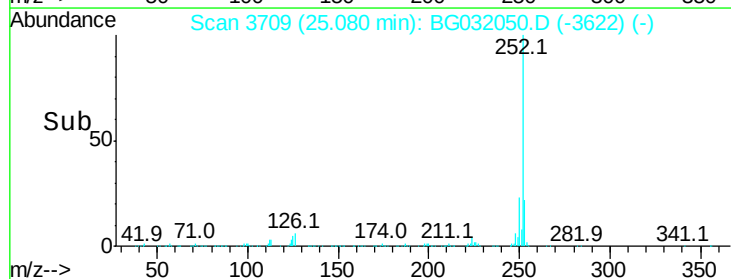
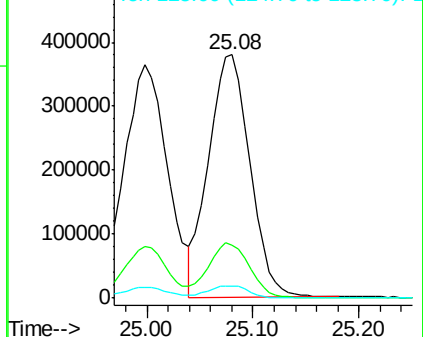
252 100

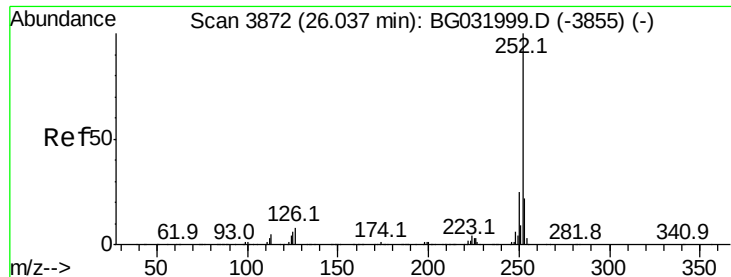
253 22.0 17.4 26.2

125 4.7 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: 39.114 ng

RT: 26.01 min Scan# 3868

Delta R.T. -0.02 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

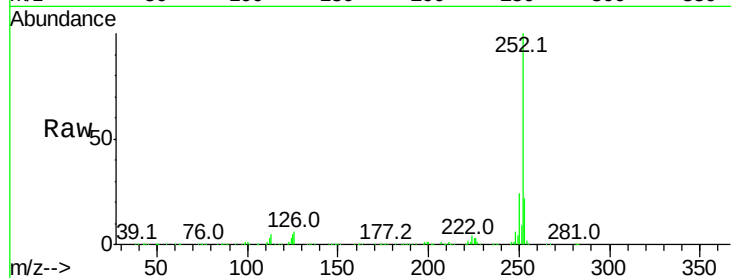
Tot Ion:252 Resp: 1001965

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.3	27.5
125	5.5	7.3	10.9#

252 100

253 21.5 18.3 27.5

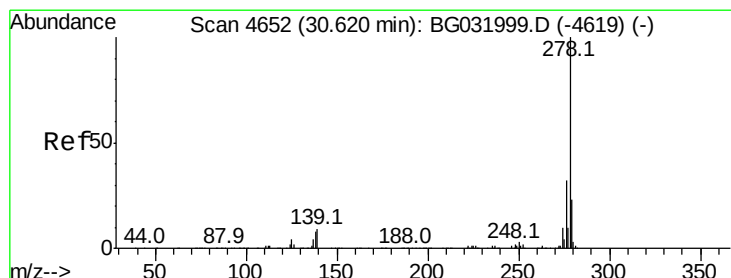
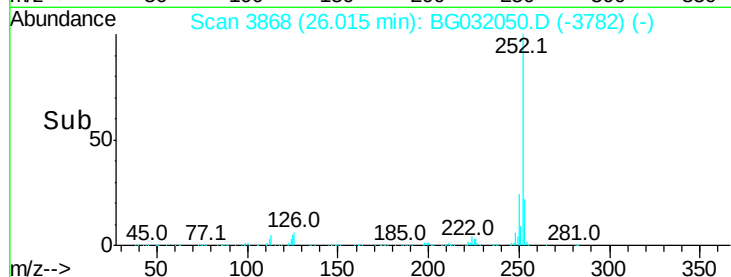
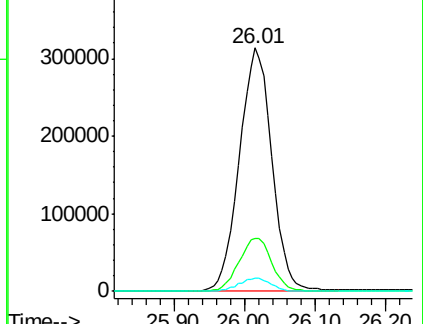
125 5.5 7.3 10.9#



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: 39.093 ng

RT: 30.59 min Scan# 4647

Delta R.T. -0.03 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

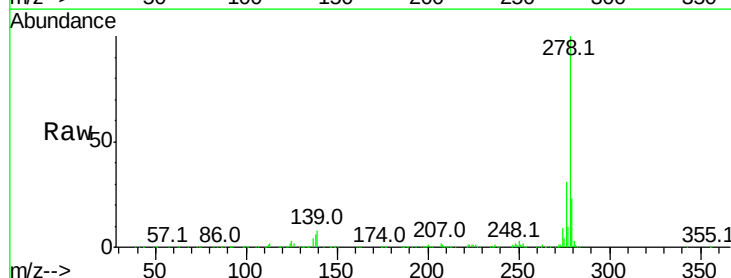
Tgt Ion:278 Resp: 965035

Ion	Ratio	Lower	Upper
278	100		
139	8.5	9.8	14.6#
279	23.5	18.4	27.6

278 100

139 8.5 9.8 14.6#

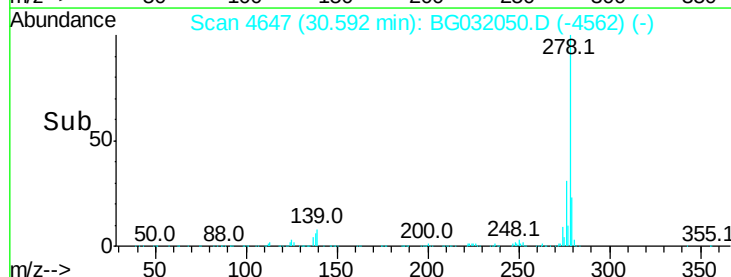
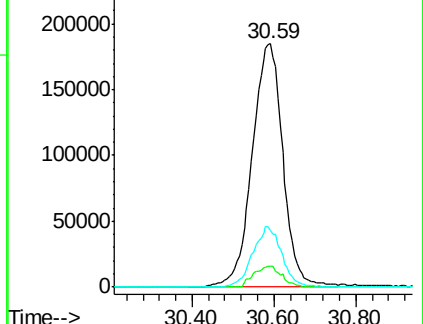
279 23.5 18.4 27.6

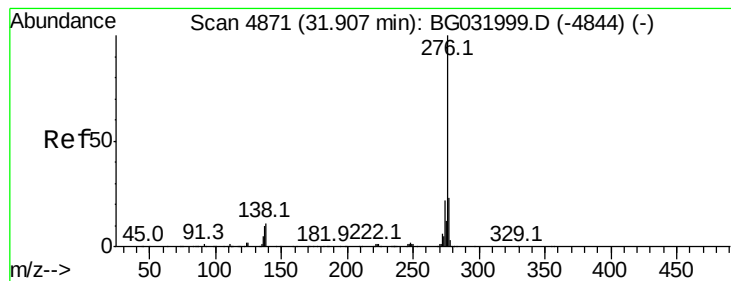


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.450 ng

RT: 31.87 min Scan# 4864

Delta R.T. -0.04 min

Lab File: BG032050.D

Acq: 16 Jan 2018 2:58

Instrument :

BNA_G

ClientSampleId :

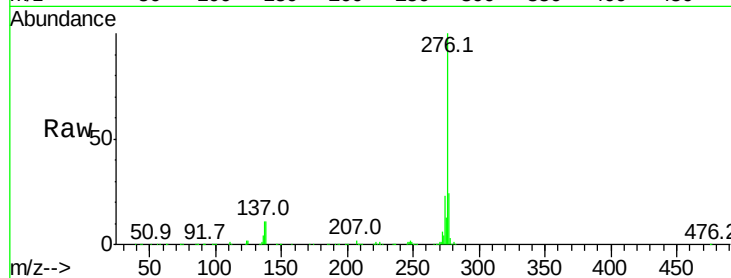
Tot Ion:276 Resp: 995343

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 10.7 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

