

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
 Data File : BG031953.D
 Acq On : 9 Jan 2018 19:34
 Operator : SJ/JU
 Sample : J1050-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 00:24:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	63477	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	265350	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	180195	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	447340	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	498424	20.00	ng	-0.04
86) Perylene-d12	26.21	264	519417	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	6.21	112	501571	143.92	ng	0.00
7) Phenol-d6	7.89	99	640703	141.60	ng	0.00
23) Nitrobenzene-d5	9.98	82	360306	102.53	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	410591	149.33	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1161130	80.88	ng	-0.01
78) Terphenyl-d14	20.67	244	1834166	84.07	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.86	88	42530	32.921	ng	# 73
3) Pyridine	4.31	79	119079	34.483	ng	# 77
4) n-Nitrosodimethylamine	4.22	42	53754	38.575	ng	# 81
6) Aniline	8.08	93	56299	9.671	ng	91
8) 2-Chlorophenol	8.33	128	172346	42.632	ng	# 78
9) Benzaldehyde	7.88	77	30944	11.357	ng	# 80
10) Phenol	7.92	94	215479	47.169	ng	93
11) bis(2-Chloroethyl)ether	8.17	93	133307	35.137	ng	83
12) 1,3-Dichlorobenzene	8.67	146	185364	36.923	ng	# 92
13) 1,4-Dichlorobenzene	8.82	146	193614	37.754	ng	92
14) 1,2-Dichlorobenzene	9.15	146	181430	37.337	ng	96
15) Benzyl Alcohol	9.01	79	138704	40.834	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.31	45	139808	45.251	ng	83
17) 2-Methylphenol	9.22	107	138241	42.293	ng	98
18) Hexachloroethane	9.91	117	60545	38.981	ng	# 80
19) n-Nitroso-di-n-propylamine	9.59	70	104906	33.948	ng	# 80
20) 3+4-Methylphenols	9.55	107	191060	41.127	ng	97
22) Acetophenone	9.62	105	239453	38.841	ng	# 89
24) Nitrobenzene	10.02	77	156154	43.117	ng	# 86
25) Isophorone	10.55	82	299493	39.591	ng	# 84
26) 2-Nitrophenol	10.75	139	100724	53.044	ng	# 82
27) 2,4-Dimethylphenol	10.79	122	176966	44.288	ng	92
28) bis(2-Chloroethoxy)methane	11.03	93	194331	38.286	ng	# 94
29) 2,4-Dichlorophenol	11.29	162	205457	43.799	ng	93
30) 1,2,4-Trichlorobenzene	11.52	180	221155	38.612	ng	98
31) Naphthalene	11.71	128	514921	38.451	ng	98
32) Benzoic acid	10.85	122	8019	9.227	ng	# 76
33) 4-Chloroaniline	11.80	127	58439	9.802	ng	# 88
34) Hexachlorobutadiene	11.99	225	152196	38.706	ng	95
35) Caprolactam	12.56	113	62083	43.662	ng	# 55
36) 4-Chloro-3-methylphenol	12.88	107	186267	42.994	ng	# 82
37) 2-Methylnaphthalene	13.28	142	424198	39.075	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	301448	39.717	ng	# 96
40) Hexachlorocyclopentadiene	13.61	237	319284	79.741	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

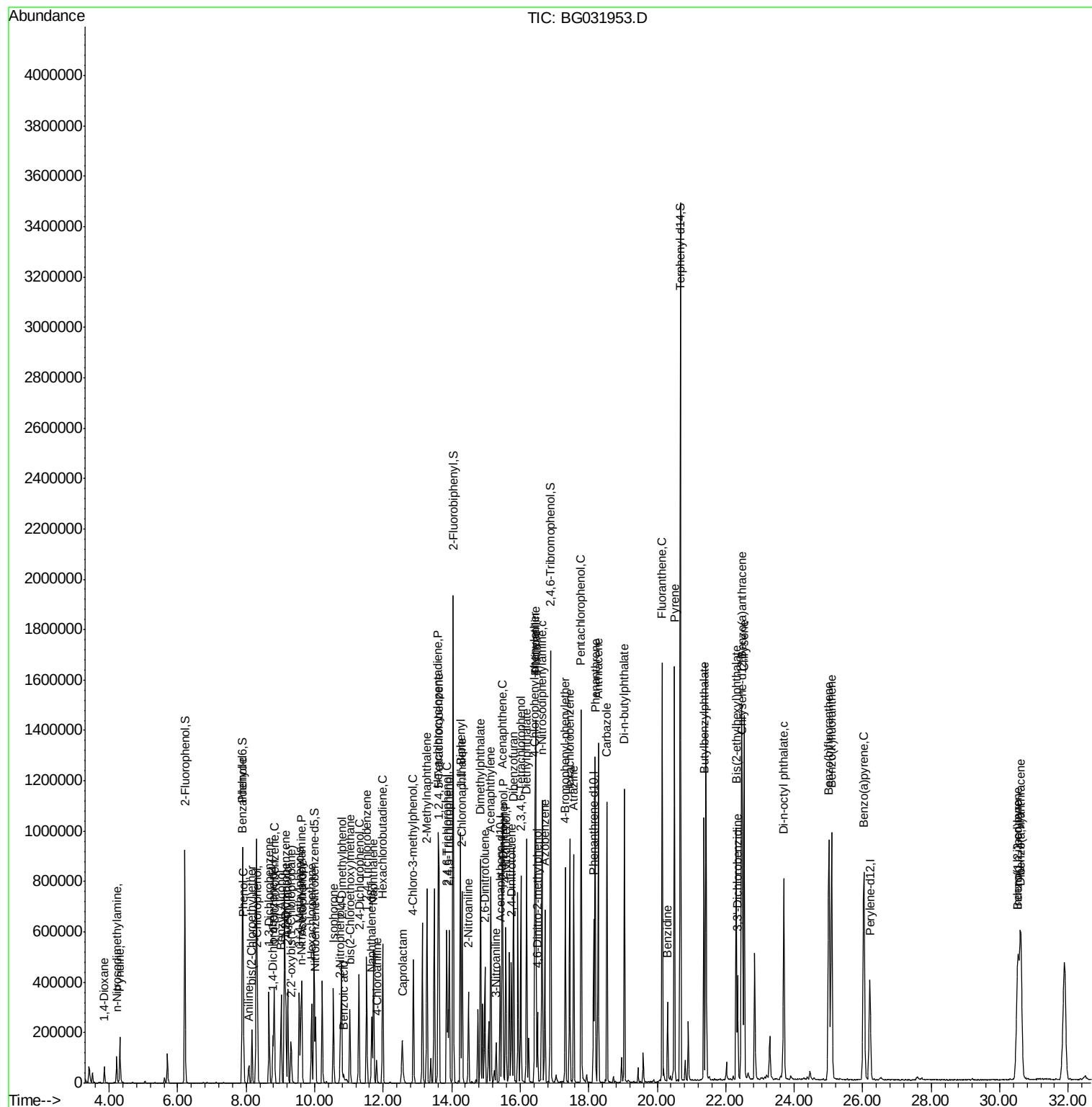
42) 2,4,6-Trichlorophenol	13.85	196	189430	43.288	nq	98
43) 2,4,5-Trichlorophenol	13.93	196	207684	42.825	nq #	91
45) 1,1'-Biphenyl	14.25	154	608545	39.541	nq	95
46) 2-Chloronaphthalene	14.31	162	460594	39.236	nq	97
47) 2-Nitroaniline	14.49	65	102693	50.651	nq #	72
48) Acenaphthylene	15.14	152	688874	36.680	nq	99
49) Dimethylphthalate	14.84	163	682643	43.003	nq	99
50) 2,6-Dinitrotoluene	14.97	165	137028	46.923	nq #	67
51) Acenaphthene	15.48	154	487215	39.612	nq	99
52) 3-Nitroaniline	15.30	138	53375	18.734	nq #	76
53) 2,4-Dinitrophenol	15.50	184	91303	74.207	nq #	84
54) Dibenzofuran	15.80	168	726475	38.531	nq	99
55) 4-Nitrophenol	15.58	139	212139	91.481	nq #	74
56) 2,4-Dinitrotoluene	15.75	165	193564	51.547	nq #	66
57) Fluorene	16.45	166	574110	37.483	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.02	232	217127	45.890	nq #	85
59) Diethylphthalate	16.19	149	579196	37.434	nq	94
60) 4-Chlorophenyl-phenylether	16.43	204	352388	37.601	nq	93
61) 4-Nitroaniline	16.46	138	108511	39.028	nq #	82
62) Azobenzene	16.72	77	379395	38.235	nq	84
64) 4,6-Dinitro-2-methylphenol	16.50	198	101983	47.059	nq #	66
65) n-Nitrosodiphenylamine	16.64	169	538616	36.253	nq	100
66) 4-Bromophenyl-phenylether	17.32	248	253342	39.164	nq	95
67) Hexachlorobenzene	17.44	284	259093	39.181	nq #	92
68) Atrazine	17.56	200	233638	40.442	nq	96
69) Pentachlorophenol	17.78	266	349501	76.840	nq	99
70) Phenanthrene	18.19	178	952499	37.624	nq	100
71) Anthracene	18.28	178	982146	38.459	nq	98
72) Carbazole	18.53	167	865219	38.279	nq	99
73) Di-n-butylphthalate	19.04	149	939248	37.392	nq	99
74) Fluoranthene	20.15	202	1190648	38.330	nq	96
76) Benzidine	20.30	184	216519	14.074	nq	98
77) Pyrene	20.50	202	1199084	37.662	nq	97
79) Butylbenzylphthalate	21.37	149	422999	39.578	nq #	74
80) Benzo(a)anthracene	22.46	228	1204548	37.992	nq	99
81) 3,3'-Dichlorobenzidine	22.35	252	194526	15.825	nq #	94
82) Chrysene	22.54	228	1113601	37.122	nq	98
83) Bis(2-ethylhexyl)phthalate	22.30	149	576780	37.249	nq #	98
84) Di-n-octyl phthalate	23.70	149	965777	37.034	nq #	87
85) Indeno(1,2,3-cd)pyrene	30.53	276	1427459	37.091	nq #	88
87) Benzo(b)fluoranthene	25.01	252	1231557	38.197	nq #	97
88) Benzo(k)fluoranthene	25.09	252	1206130	37.379	nq #	96
89) Benzo(a)pyrene	26.03	252	1192897	38.631	nq #	97
90) Dibenzo(a,h)anthracene	30.61	278	1189860	37.309	nq #	95
91) Benzo(g,h,i)perylene	30.53	276	1427459	37.911	nq #	92

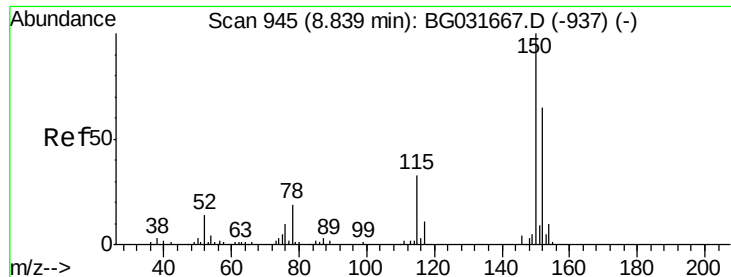
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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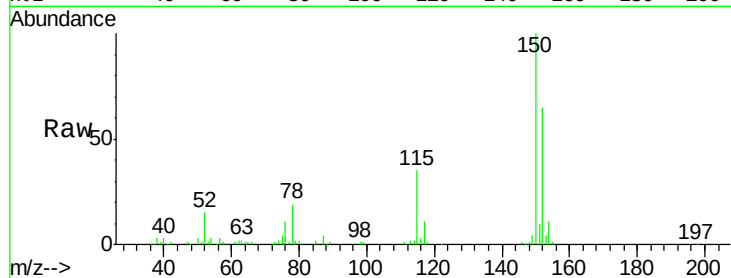


#1

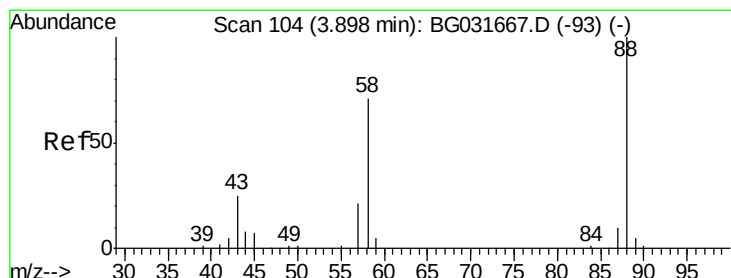
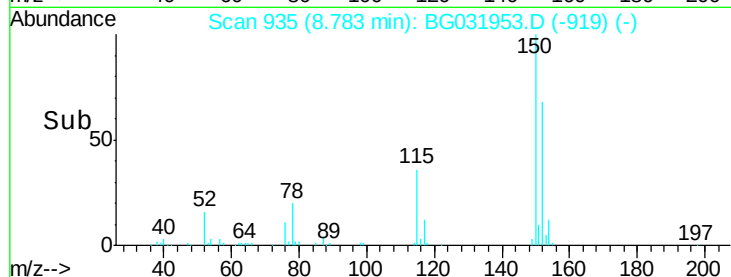
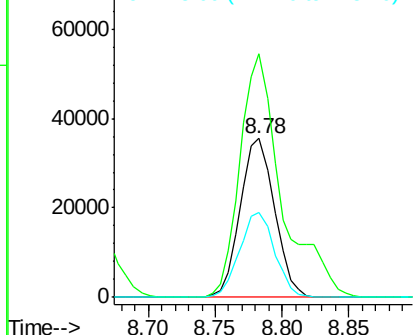
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63477
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 53.1 53.0 79.4



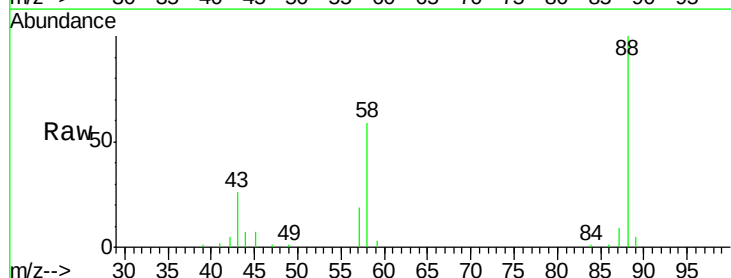
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



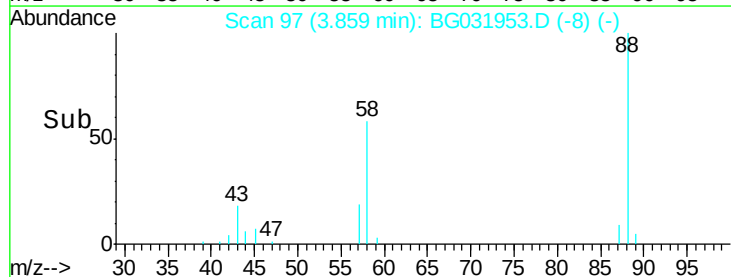
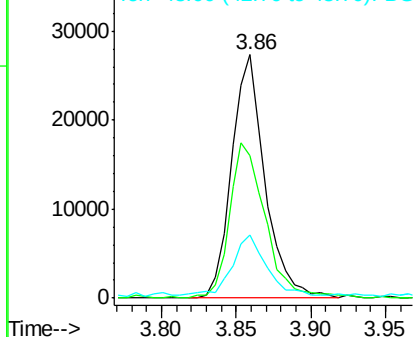
#2

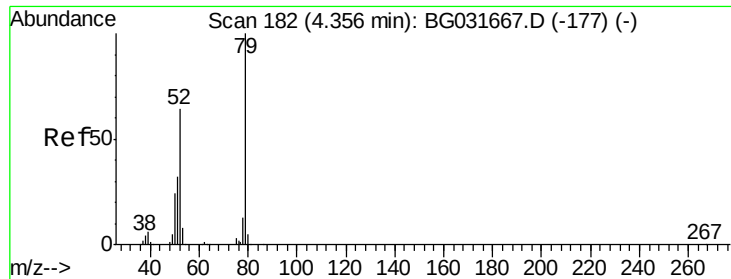
1,4-Dioxane
Concen: 32.921 ng
RT: 3.86 min Scan# 97
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion: 88 Resp: 42530
Ion Ratio Lower Upper
88 100
58 68.7 79.6 119.4#
43 25.4 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: 34.483 ng

RT: 4.31 min Scan# 174

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampleId :

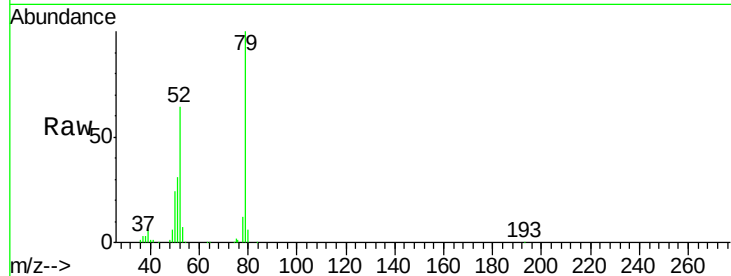
Tot Ion: 79 Resp: 119079

Ion Ratio Lower Upper

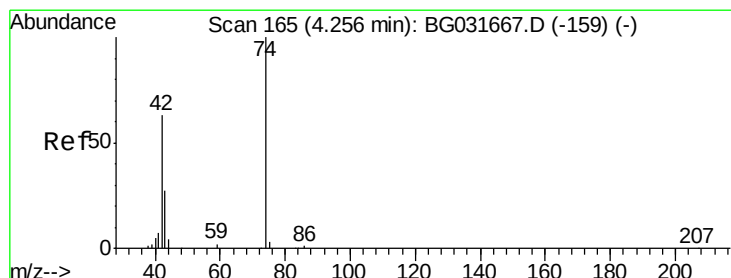
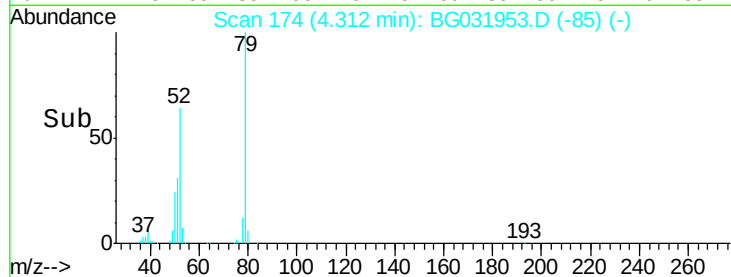
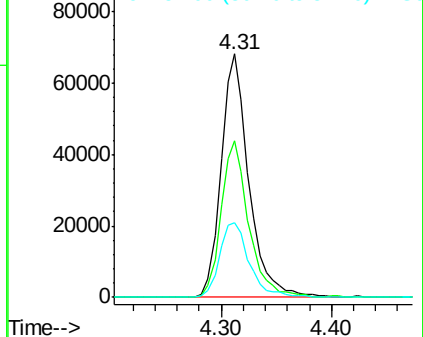
79 100

52 64.5 69.9 104.9#

51 30.7 34.0 51.0#



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



#4

n-Nitrosodimethylamine

Concen: 38.575 ng

RT: 4.22 min Scan# 158

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

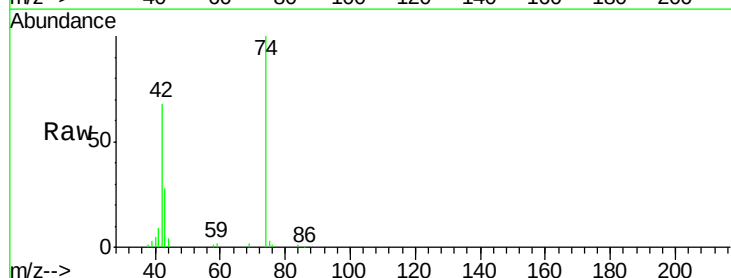
Tgt Ion: 42 Resp: 53754

Ion Ratio Lower Upper

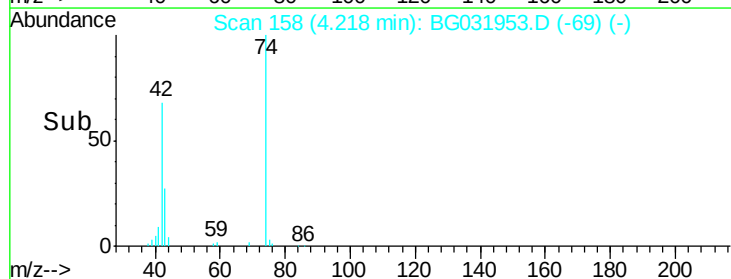
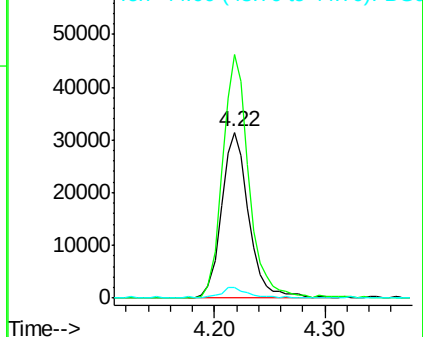
42 100

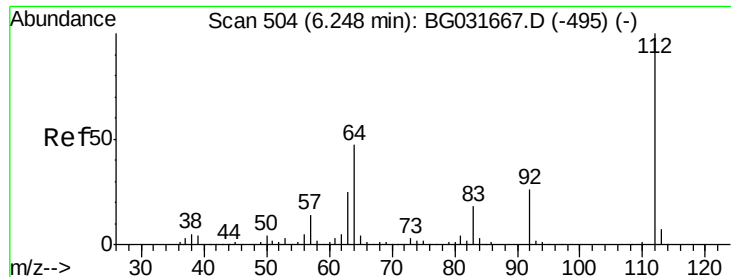
74 147.1 102.5 153.7

44 6.2 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 143.919 ng

RT: 6.21 min Scan# 497

Delta R.T. 0.00 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampled :

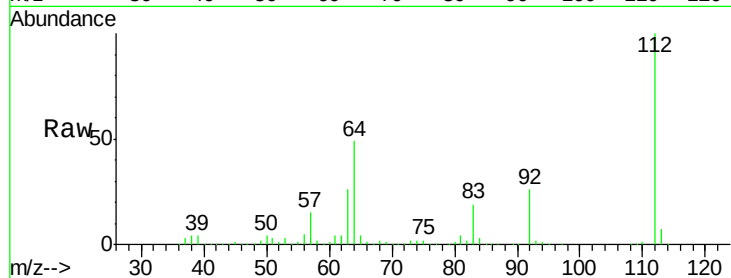
Tot Ion:112 Resp: 501571

Ion Ratio Lower Upper

112 100

64 49.2 56.3 84.5#

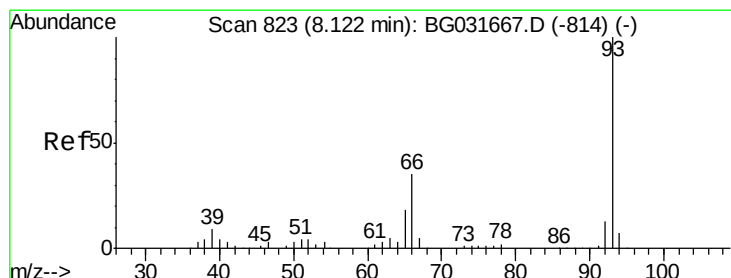
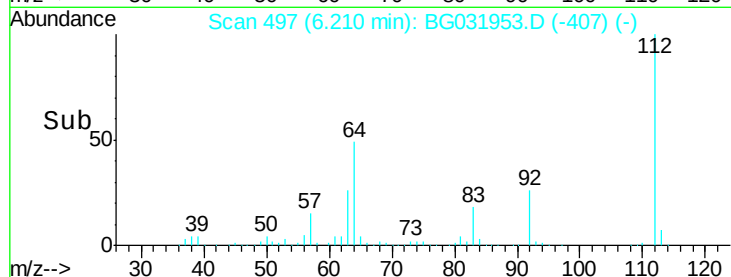
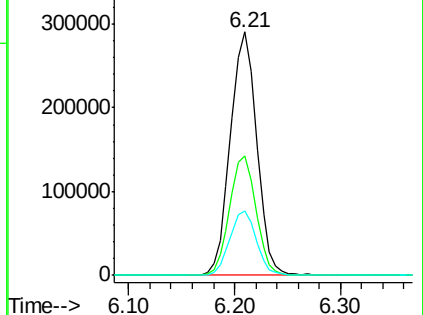
63 26.3 30.1 45.1#



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: 9.671 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

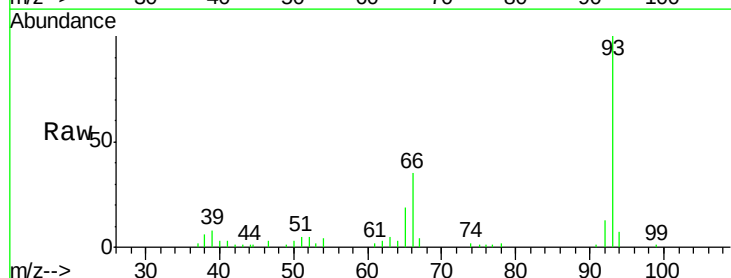
Tgt Ion: 93 Resp: 56299

Ion Ratio Lower Upper

93 100

66 34.7 33.7 50.5

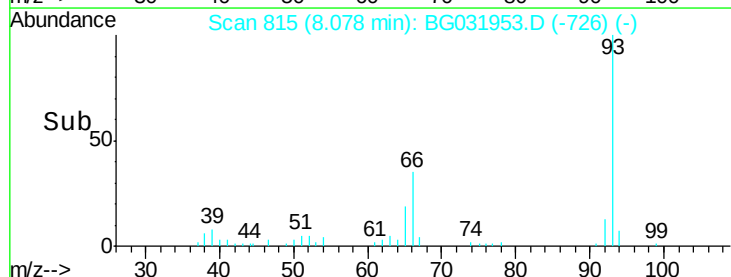
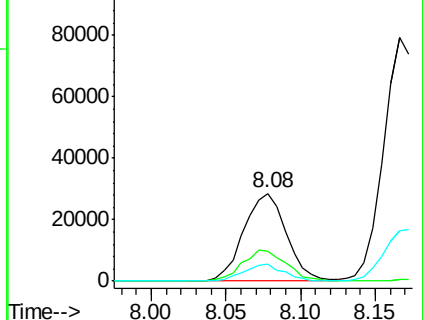
65 19.2 16.1 24.1

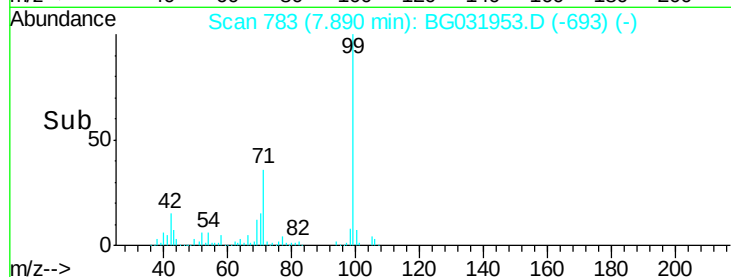
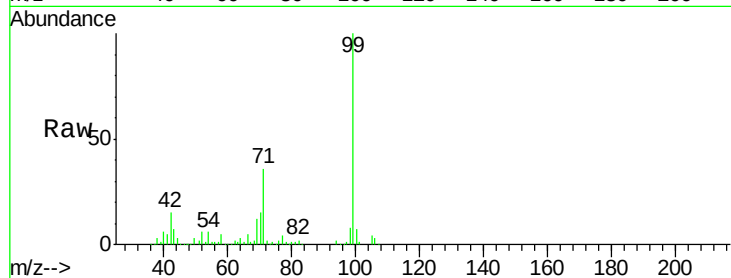
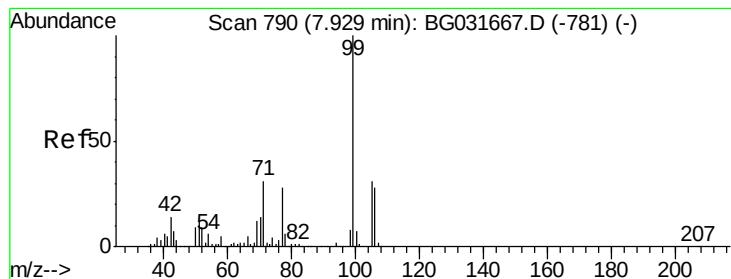


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.598 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031953.D

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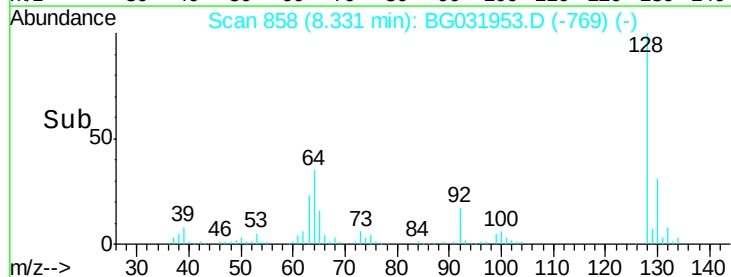
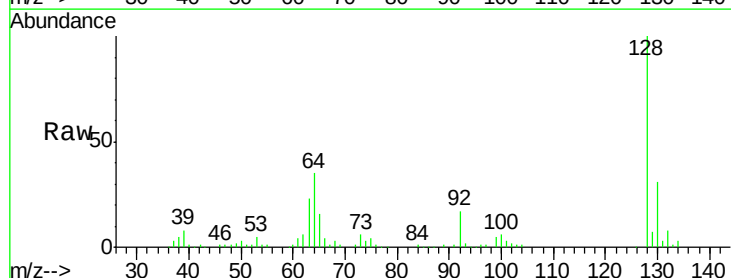
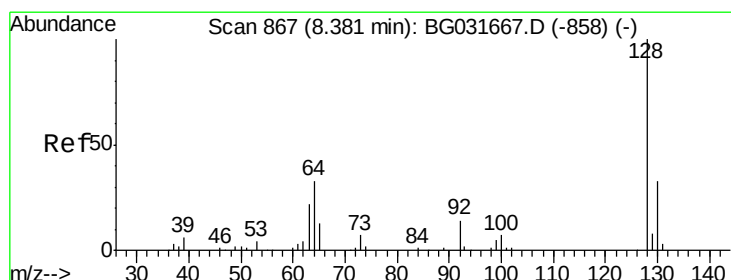
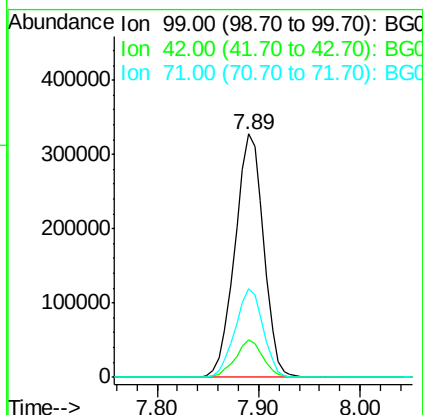
Tot Ion: 99 Resp: 640703

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 36.3 26.1 39.1



#8

2-Chlorophenol

Concen: 42.632 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

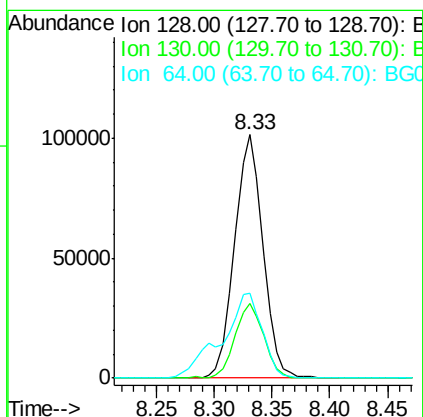
Tgt Ion: 128 Resp: 172346

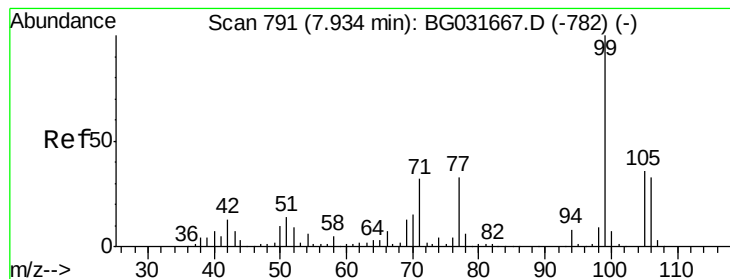
Ion Ratio Lower Upper

128 100

130 30.7 14.0 54.0

64 34.7 37.7 77.7#





#9

Benzaldehyde

Concen: 11.357 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampled :

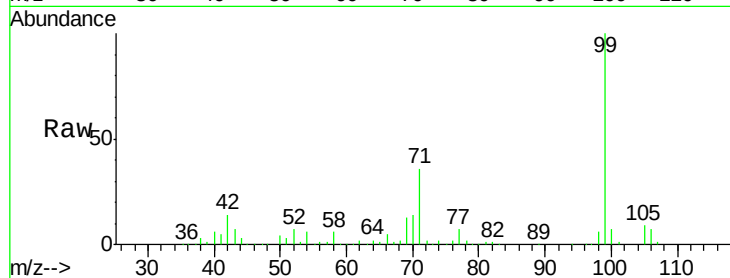
Tot Ion: 77 Resp: 30944

Ion Ratio Lower Upper

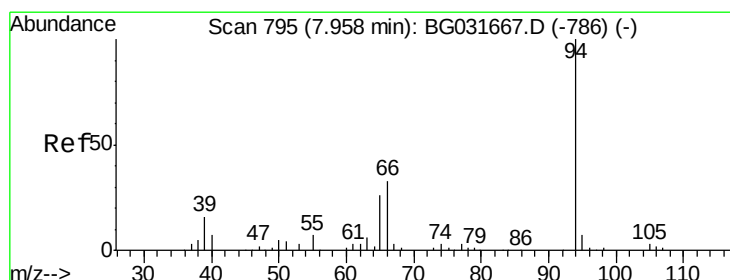
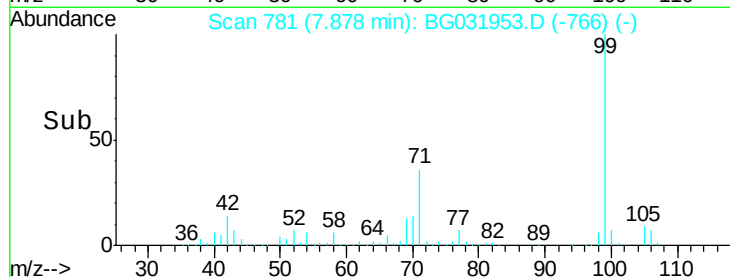
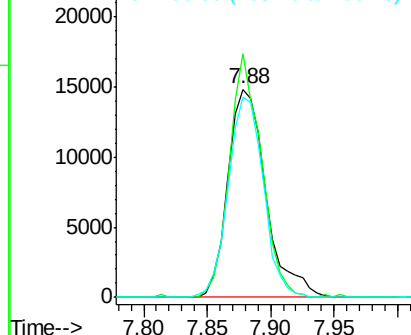
77 100

105 116.9 71.3 111.3#

106 95.9 64.2 104.2



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



#10

Phenol

Concen: 47.169 ng

RT: 7.92 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

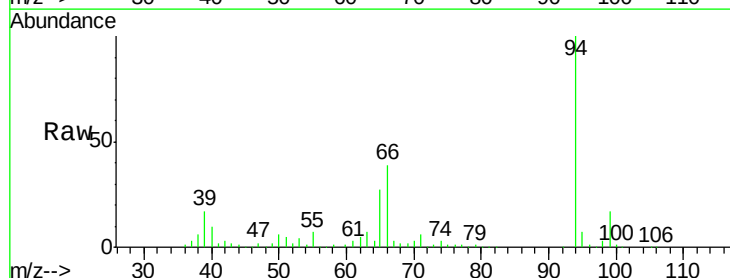
Tgt Ion: 94 Resp: 215479

Ion Ratio Lower Upper

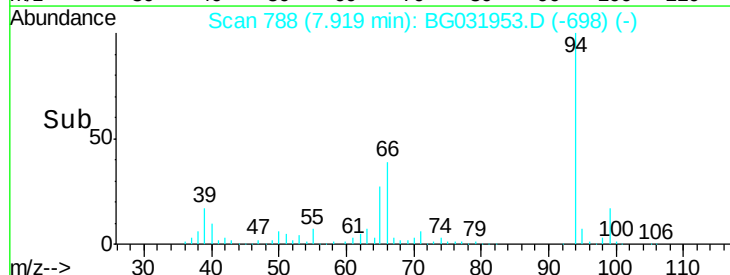
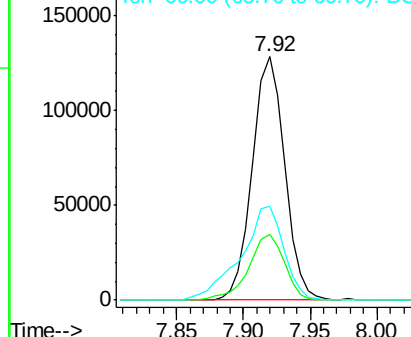
94 100

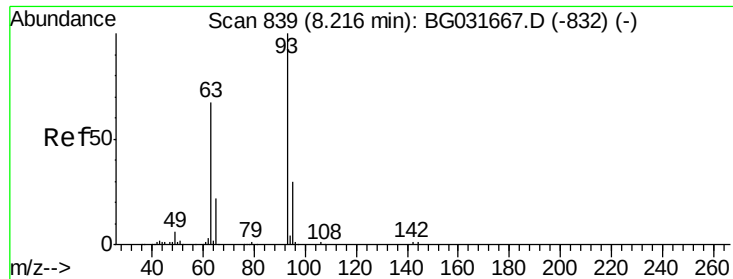
65 27.0 11.9 51.9

66 38.7 22.2 62.2



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

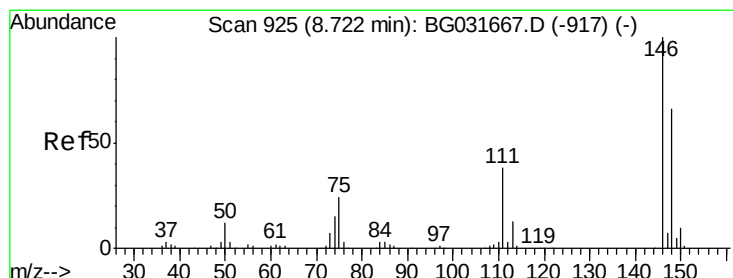
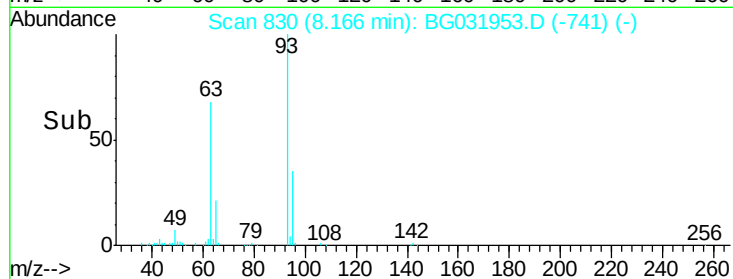
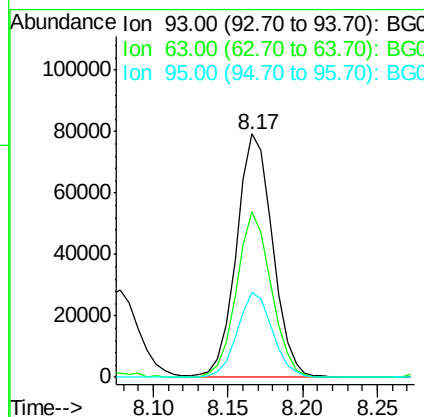
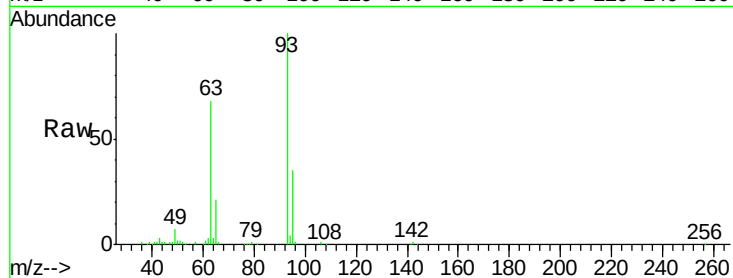




#11
bis(2-Chloroethyl)ether
Concen: 35.137 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

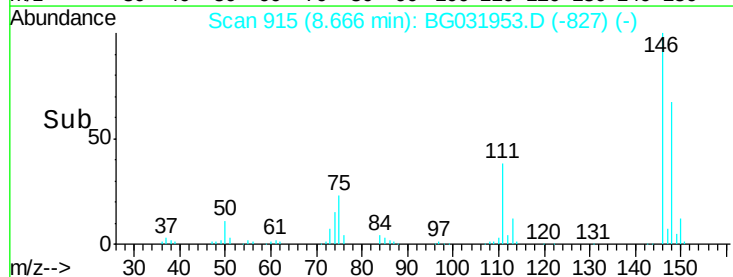
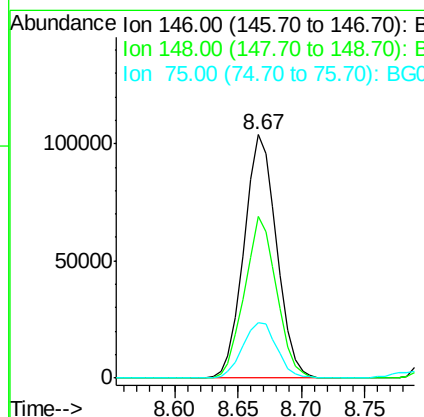
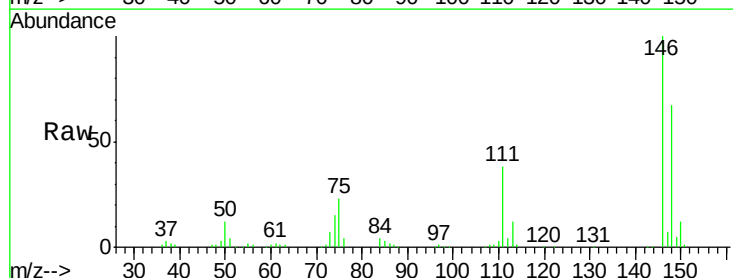
Instrument :
BNA_G
ClientSampleId :

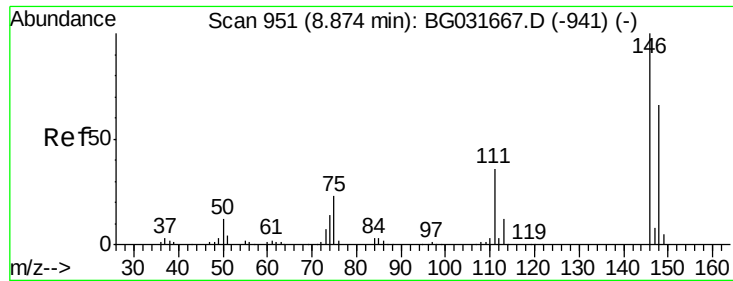
Tot Ion: 93 Resp: 133307
Ion Ratio Lower Upper
93 100
63 67.9 67.1 107.1
95 34.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 36.923 ng
RT: 8.67 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion: 146 Resp: 185364
Ion Ratio Lower Upper
146 100
148 66.7 51.4 77.2
75 23.0 26.6 39.8#

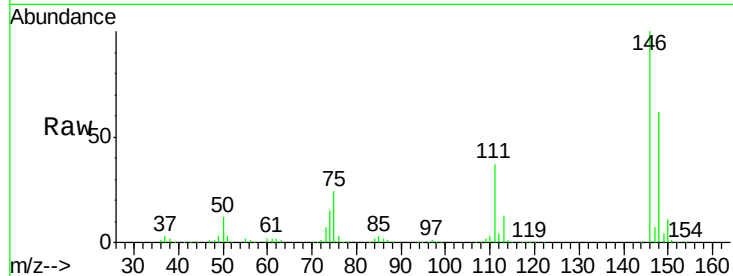




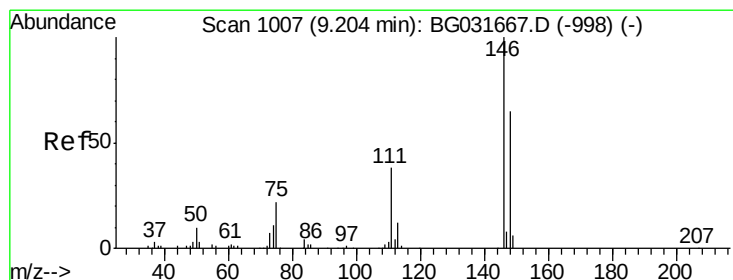
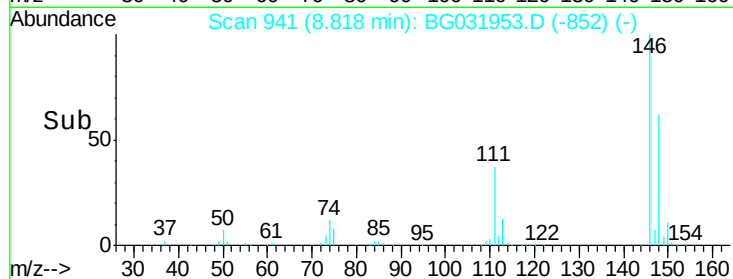
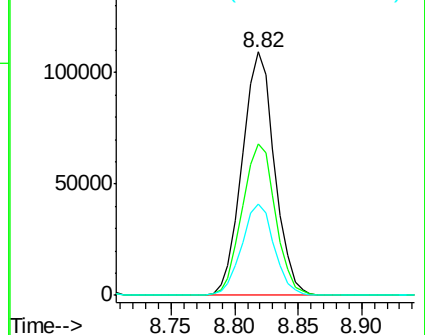
#13
 1,4-Dichlorobenzene
 Concen: 37.754 ng
 RT: 8.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 193614
 Ion Ratio Lower Upper
 146 100
 148 62.3 53.7 80.5
 111 37.3 35.2 52.8

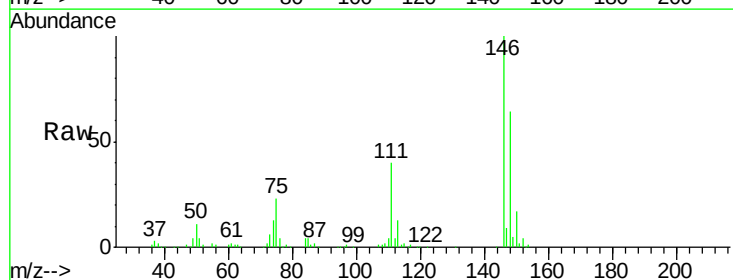


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

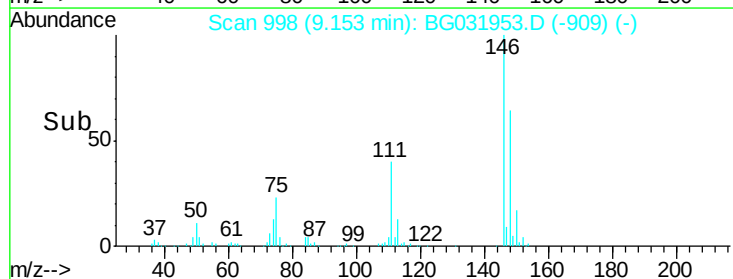
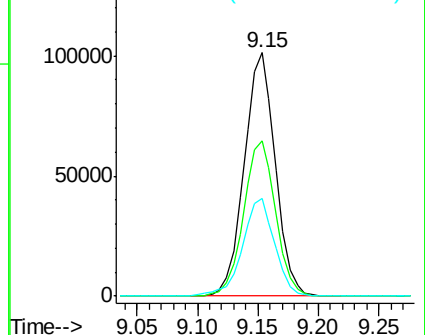


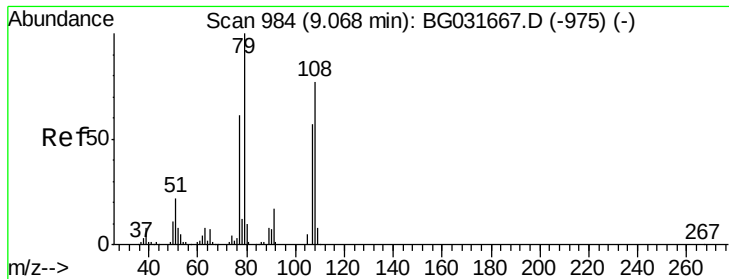
#14
 1,2-Dichlorobenzene
 Concen: 37.337 ng
 RT: 9.15 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

Tgt Ion:146 Resp: 181430
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.3 73.9
 111 39.9 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 40.834 ng

RT: 9.01 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampleId :

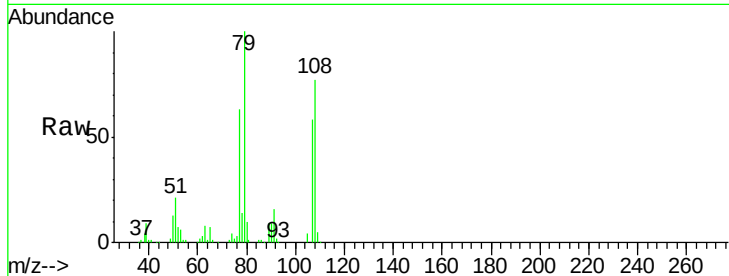
Tot Ion: 79 Resp: 138704

Ion Ratio Lower Upper

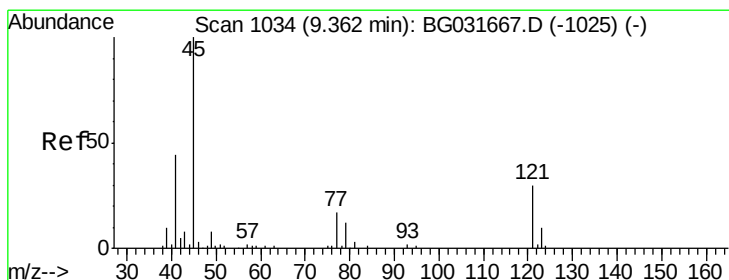
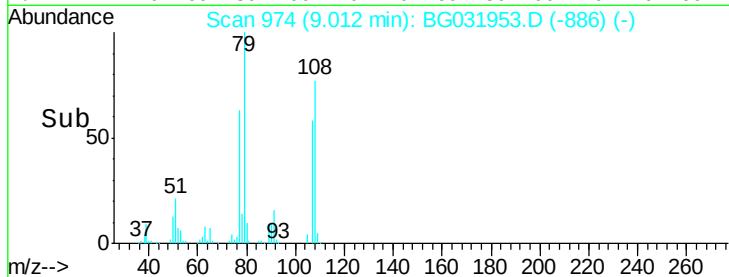
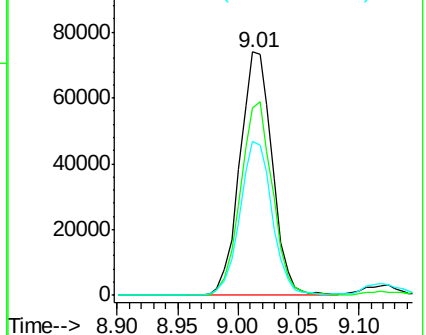
79 100

108 77.0 57.2 85.8

77 63.2 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.251 ng

RT: 9.31 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

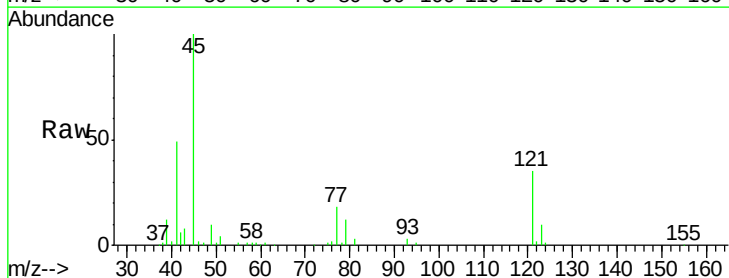
Tgt Ion: 45 Resp: 139808

Ion Ratio Lower Upper

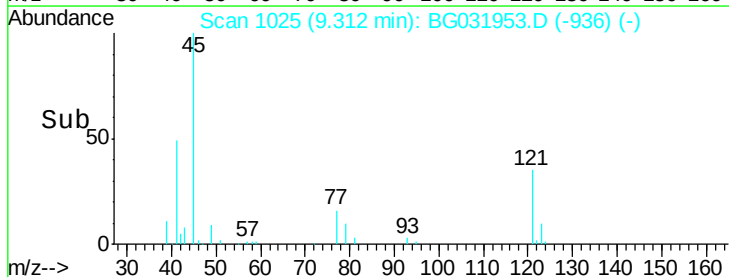
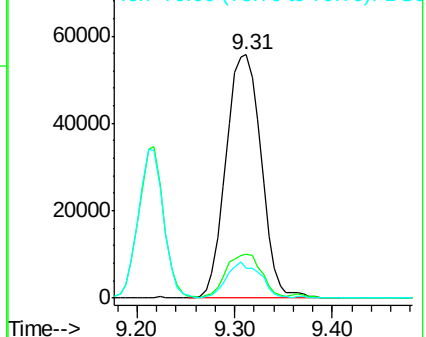
45 100

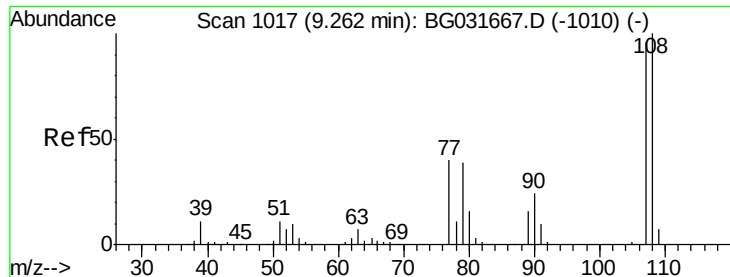
77 18.1 0.0 30.2

79 12.0 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

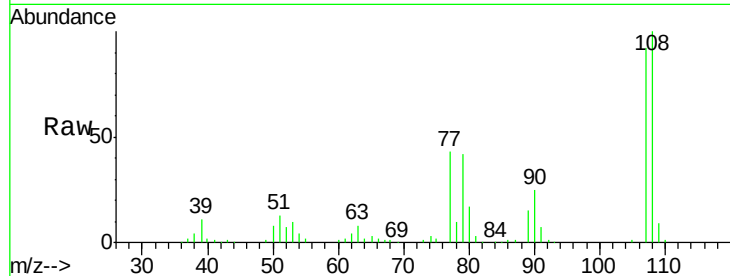




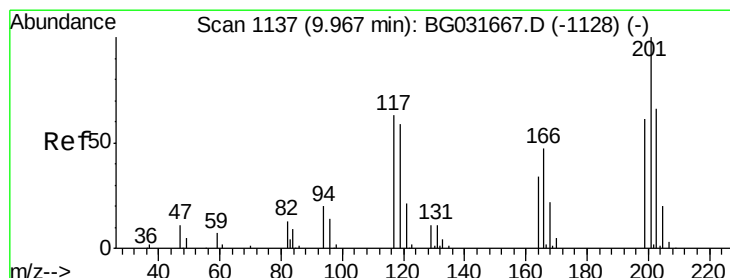
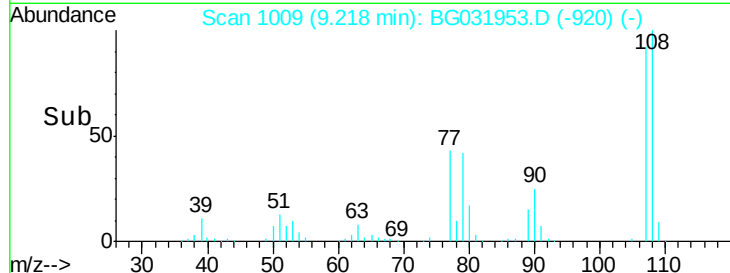
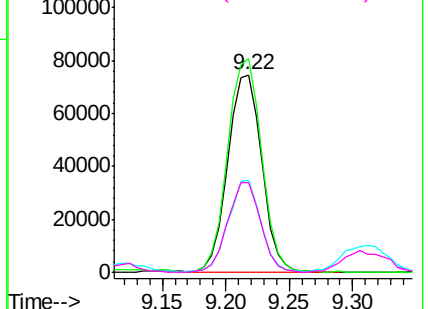
#17
2-Methylphenol
Concen: 42.293 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 138241
Ion Ratio Lower Upper
107 100
108 108.2 83.9 125.9
77 46.7 37.2 55.8
79 45.3 36.2 54.2

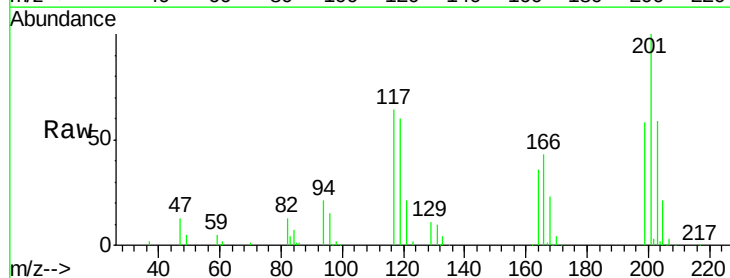


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

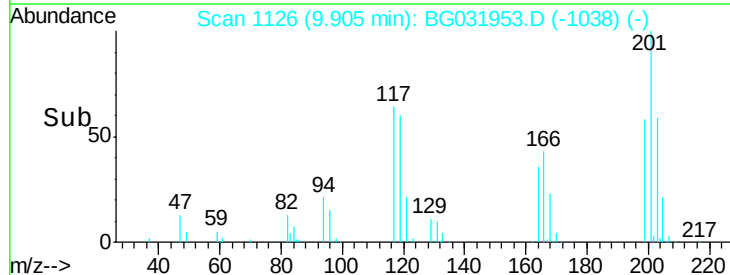
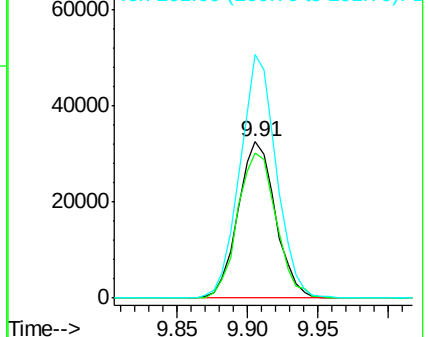


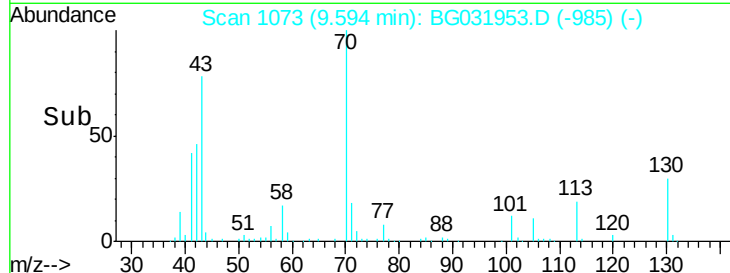
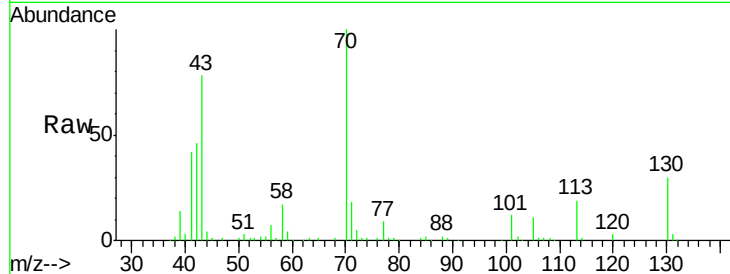
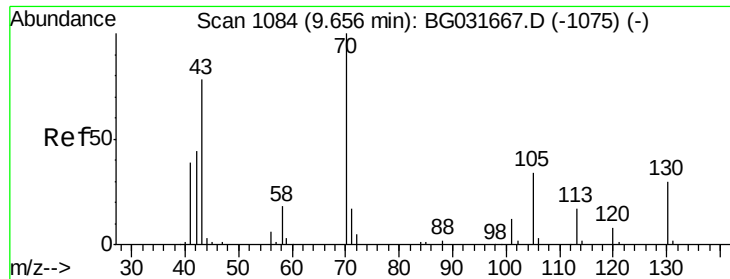
#18
Hexachloroethane
Concen: 38.981 ng
RT: 9.91 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion:117 Resp: 60545
Ion Ratio Lower Upper
117 100
119 93.0 76.7 115.1
201 156.0 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

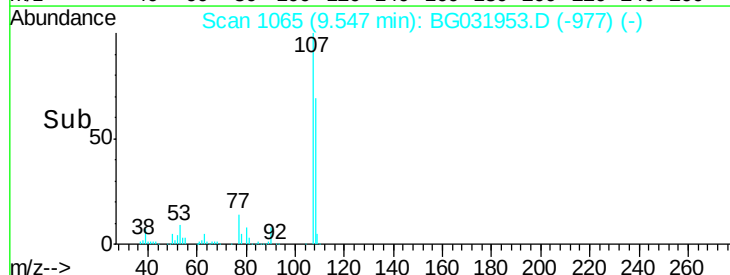
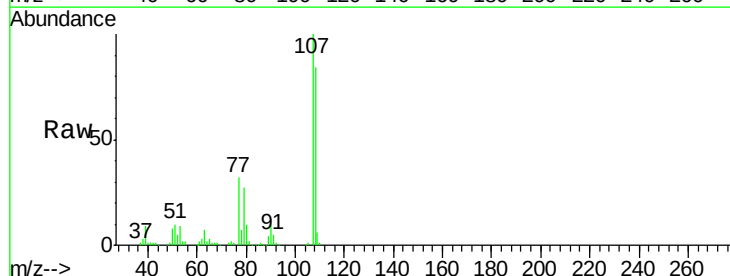
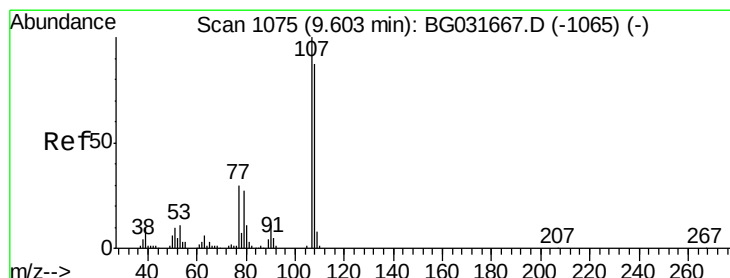
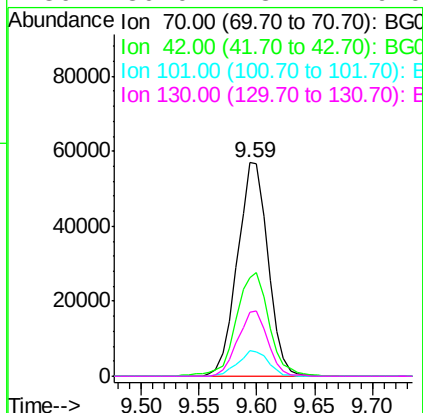




#19
n-Nitroso-di-n-propylamine
Concen: 33.948 ng
RT: 9.59 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

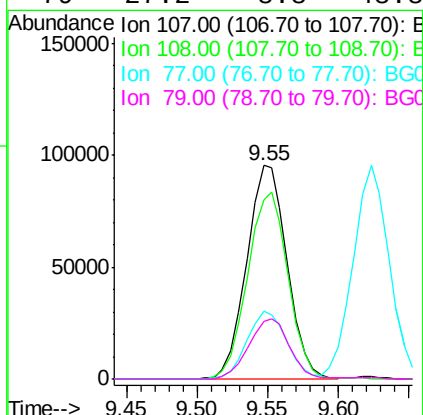
Instrument :
BNA_G
ClientSampleId :

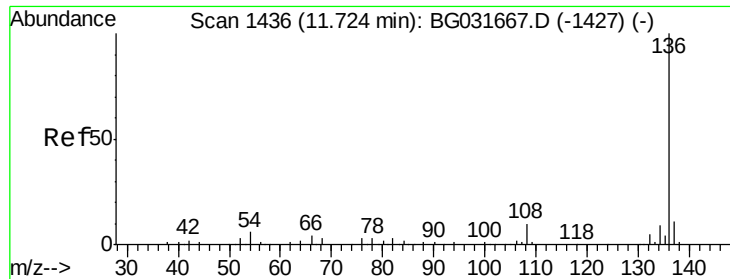
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.5	49.1	73.7#
101	11.9	8.5	12.7
130	30.0	13.4	20.0#



#20
3+4-Methylphenols
Concen: 41.127 ng
RT: 9.55 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.2	61.6	101.6
77	31.8	13.9	53.9
79	27.2	8.8	48.8

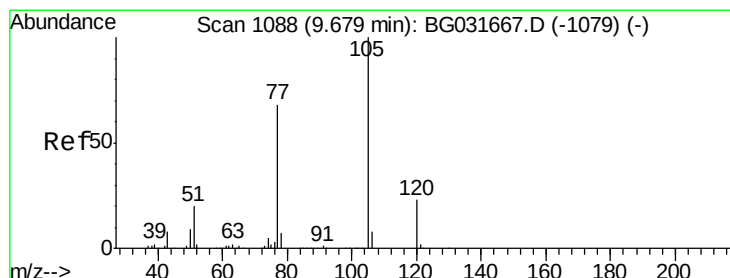
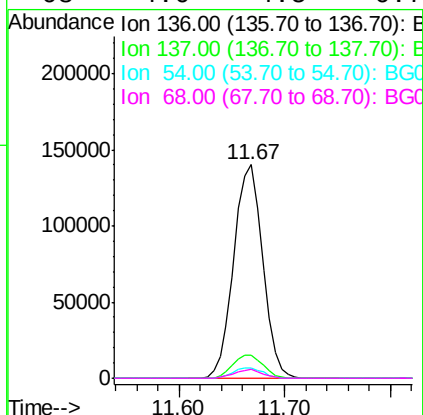
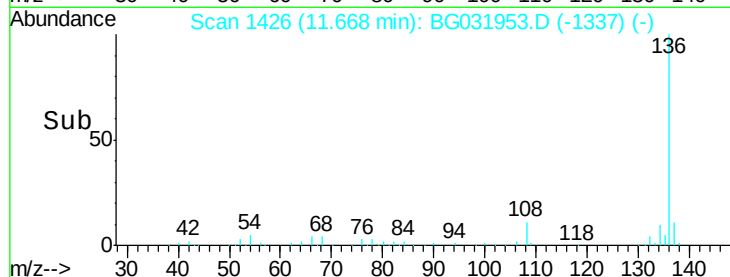
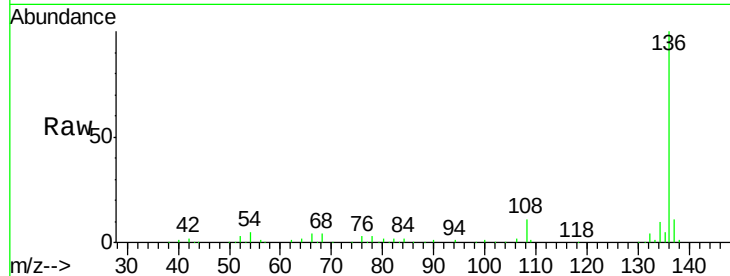




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

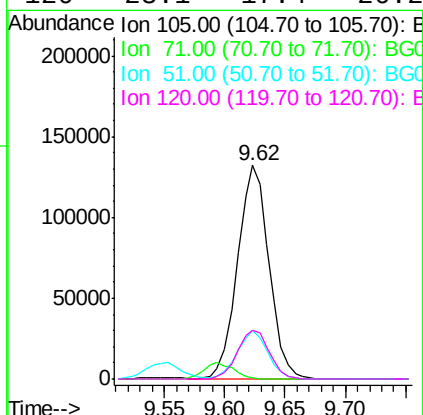
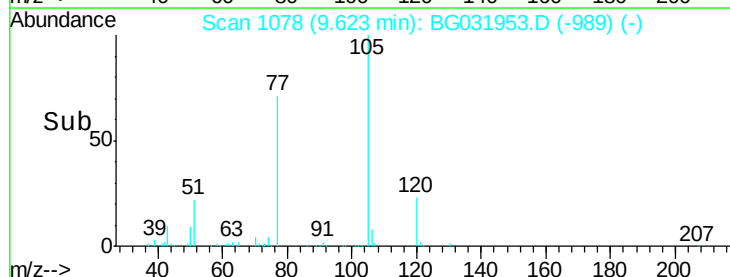
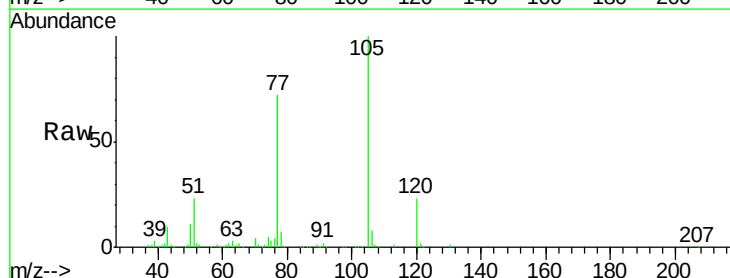
Instrument :
BNA_G
ClientSampleId :

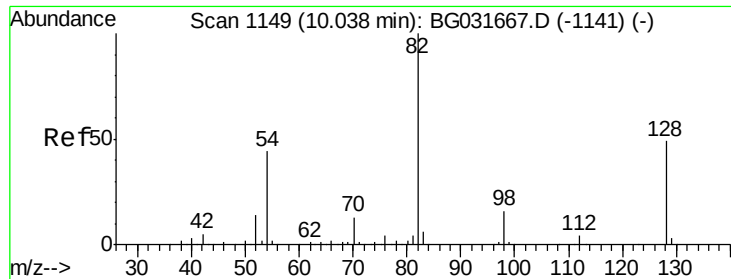
Tot Ion:136	Resp:	265350
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	4.7	10.3 15.5#
68	4.0	4.5 6.7#



#22
Acetophenone
Concen: 38.841 ng
RT: 9.62 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion:105	Resp:	239453
Ion Ratio	Lower	Upper
105	100	
71	0.6	3.0 4.4#
51	22.8	26.1 39.1#
120	23.1	17.4 26.2

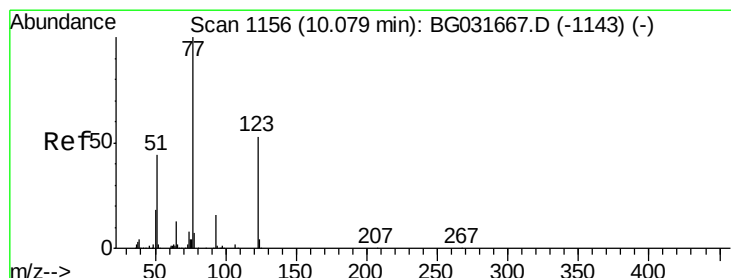
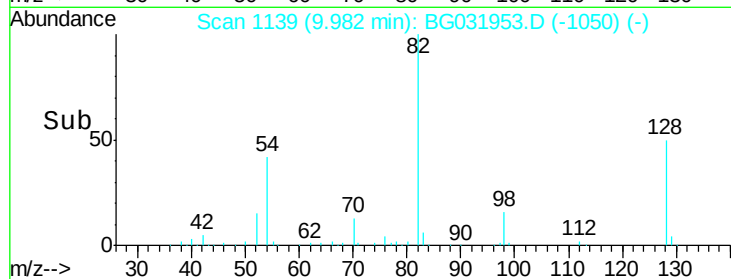
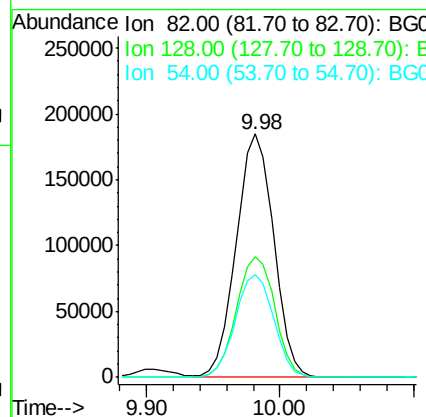
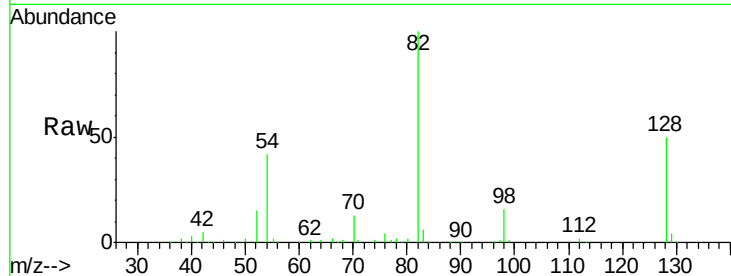




#23
 Nitrobenzene-d5
 Concen: 102.534 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

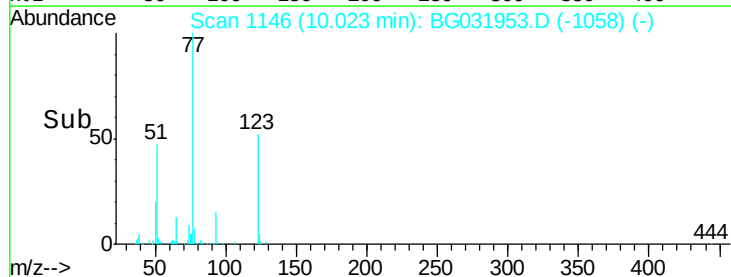
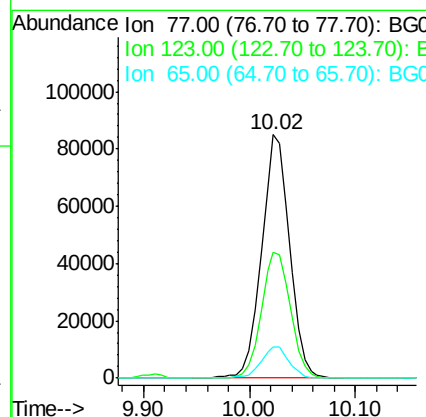
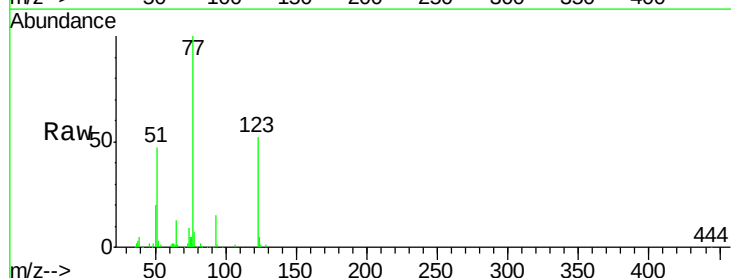
Instrument :
 BNA_G
 ClientSampleId :

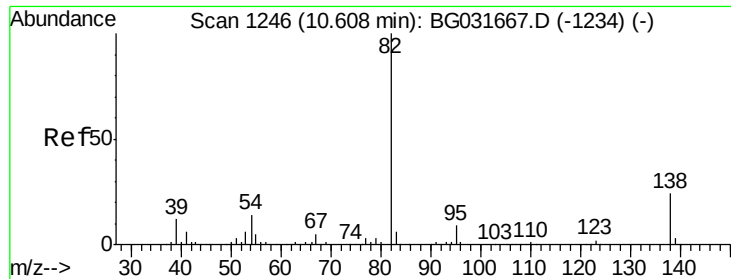
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.8	29.7	44.5#
54	42.1	43.1	64.7#



#24
 Nitrobenzene
 Concen: 43.117 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.9	33.0	49.6#
65	13.0	13.0	19.6#





#25

Isophorone

Concen: 39.591 ng

RT: 10.55 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampleId :

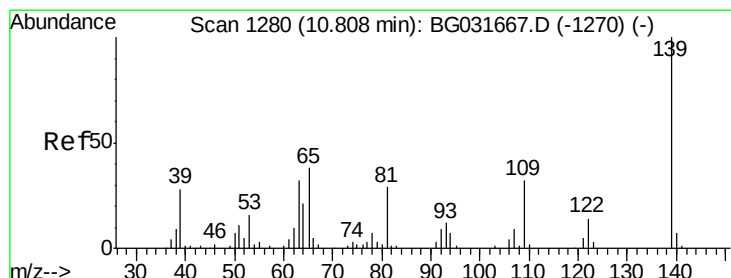
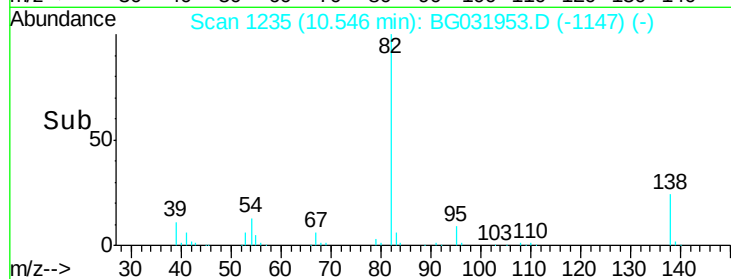
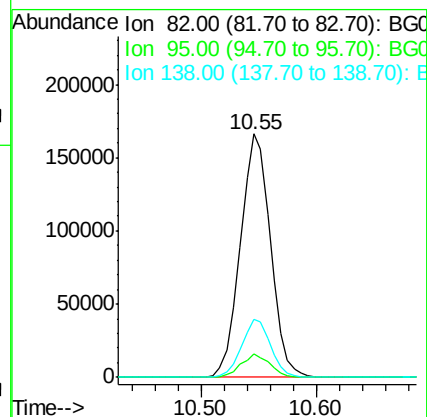
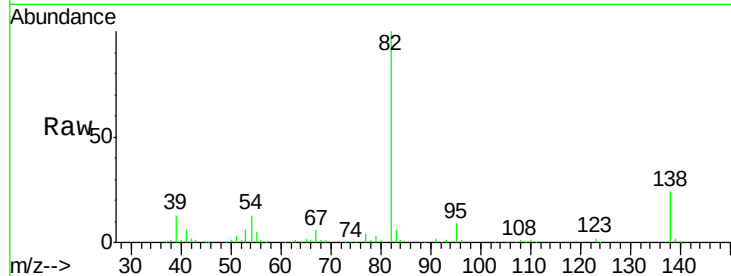
Tot Ion: 82 Resp: 299493

Ion Ratio Lower Upper

82 100

95 9.4 6.2 9.2#

138 24.0 12.1 18.1#



#26

2-Nitrophenol

Concen: 53.044 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

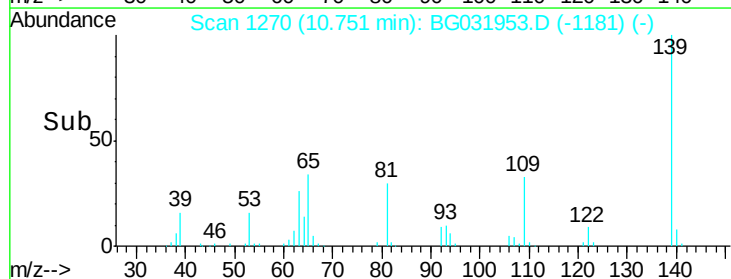
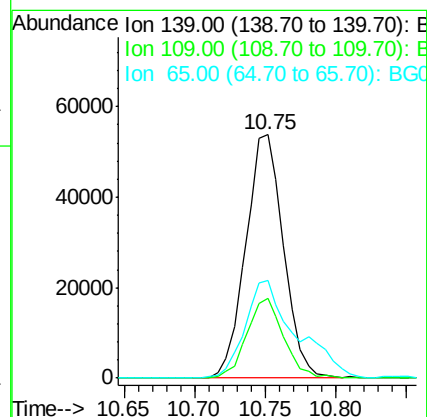
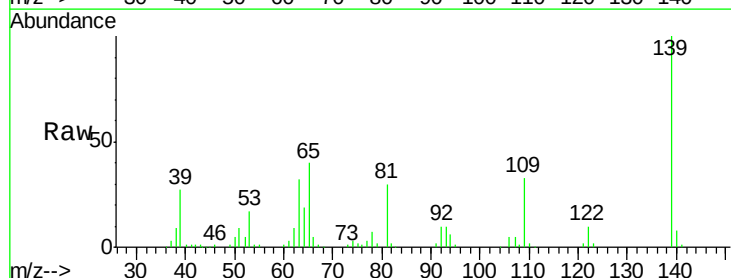
Tgt Ion: 139 Resp: 100724

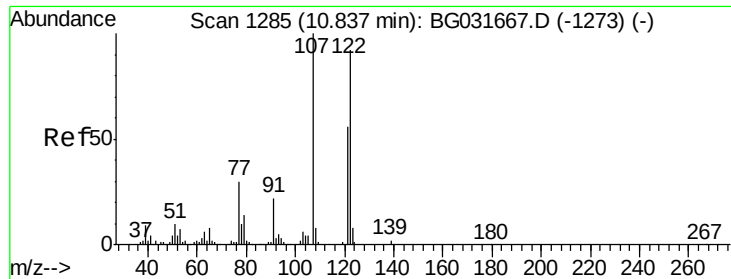
Ion Ratio Lower Upper

139 100

109 32.5 24.2 36.2

65 40.2 47.4 71.0#

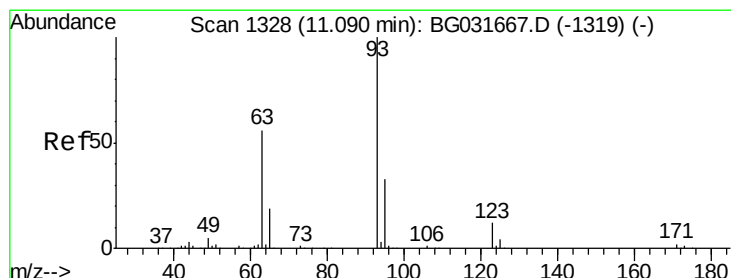
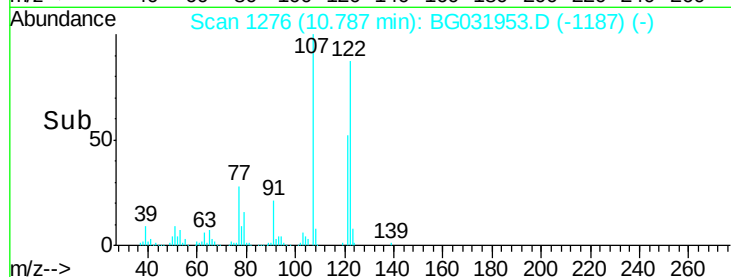
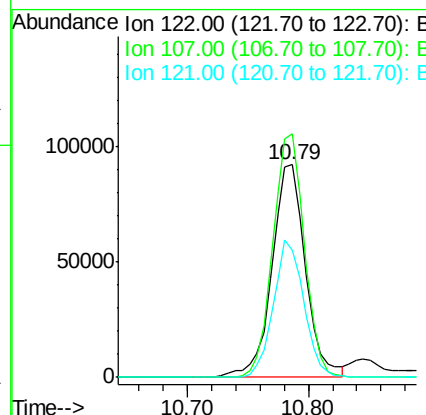
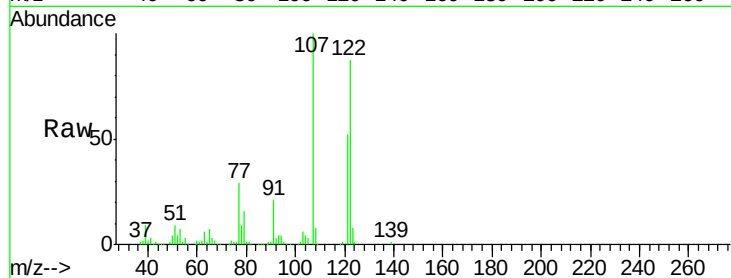




#27
 2,4-Dimethylphenol
 Concen: 44.288 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

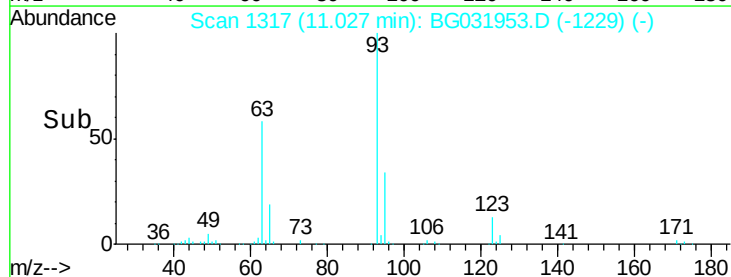
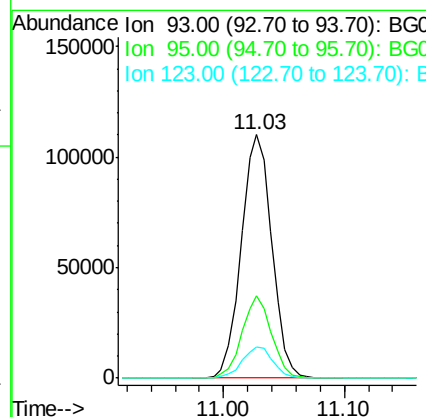
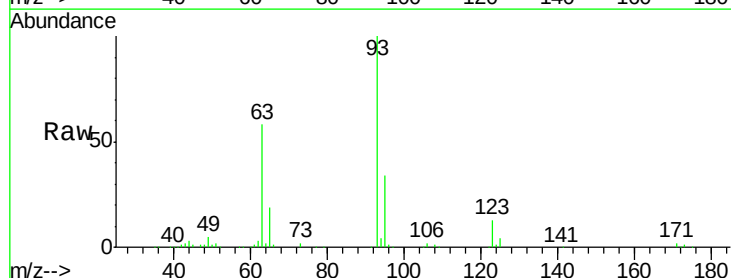
Instrument :
 BNA_G
 ClientSampled :

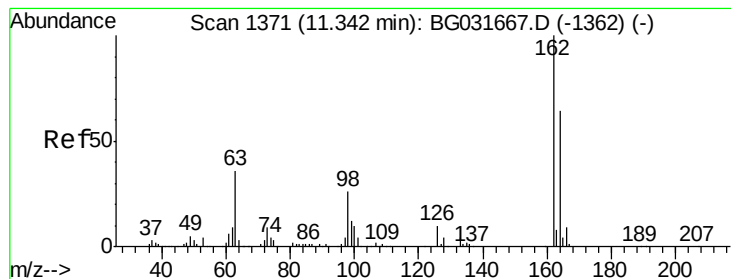
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.5	100.2	150.2
121	60.0	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.286 ng
 RT: 11.03 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	24.3	36.5
123	12.9	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 43.799 ng

RT: 11.29 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BG031953.D

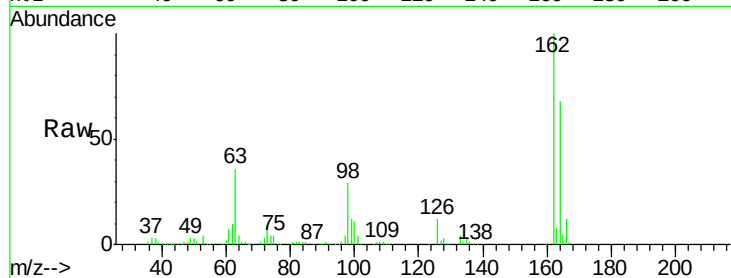
Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampled :

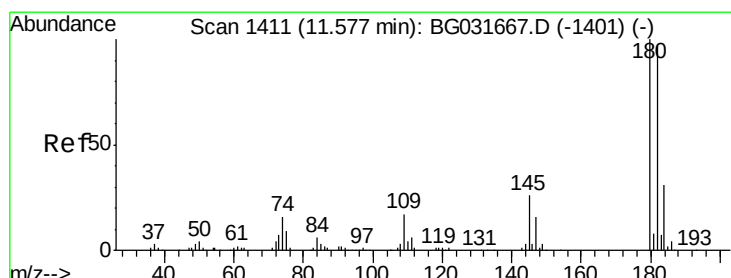
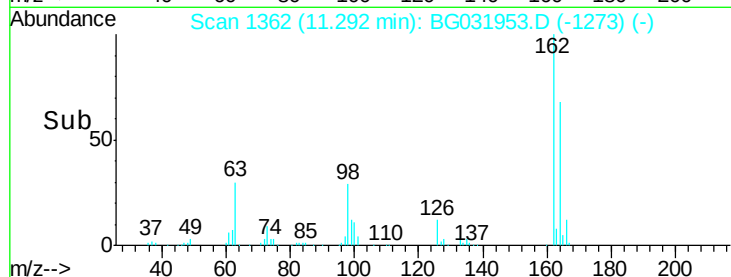
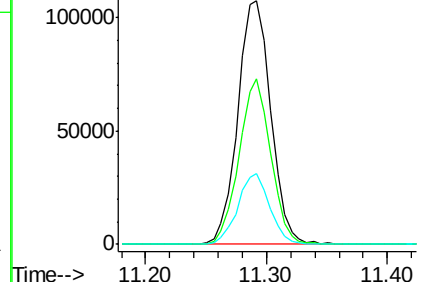
Tot Ion:162	Resp:	205457
Ion Ratio	Lower	Upper
162	100	
164	68.1	48.0 88.0
98	29.2	21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 38.612 ng

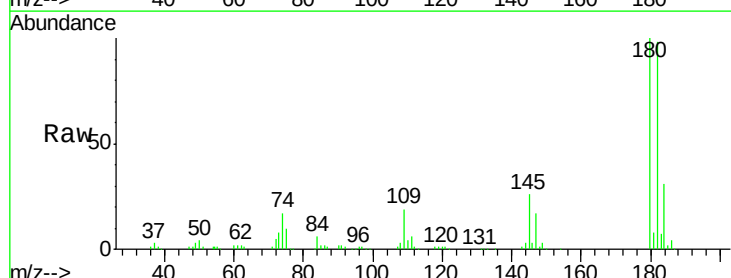
RT: 11.52 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

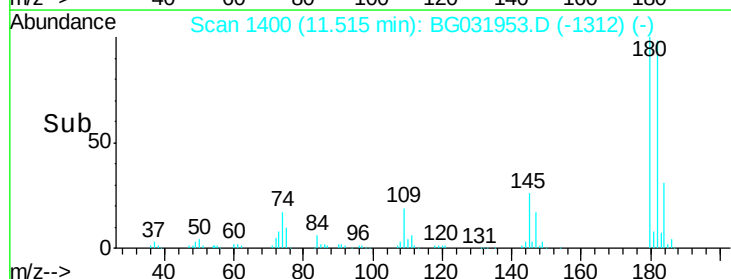
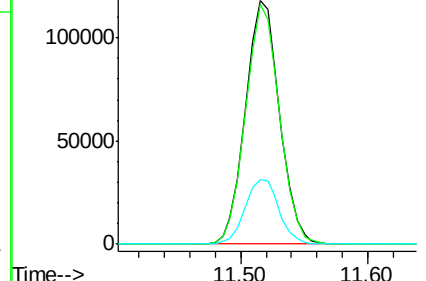
Tgt Ion:180	Resp:	221155
Ion Ratio	Lower	Upper
180	100	
182	98.4	77.5 116.3
145	26.5	23.4 35.2

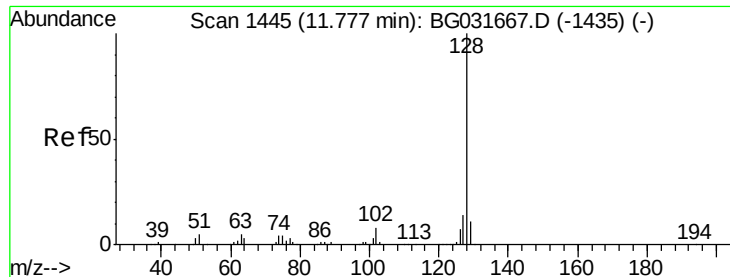


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

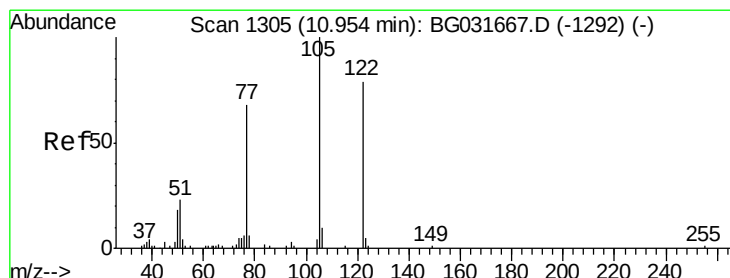
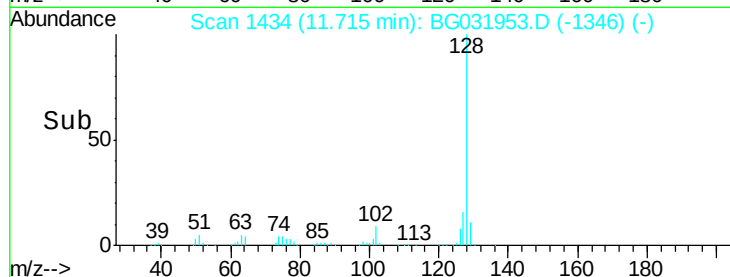
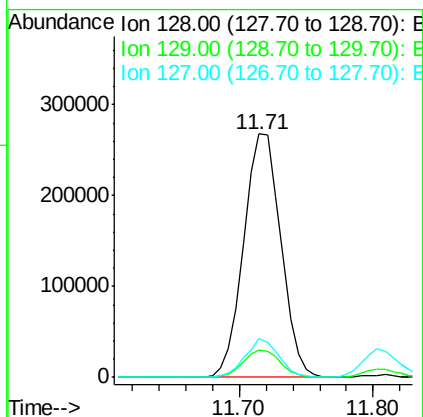
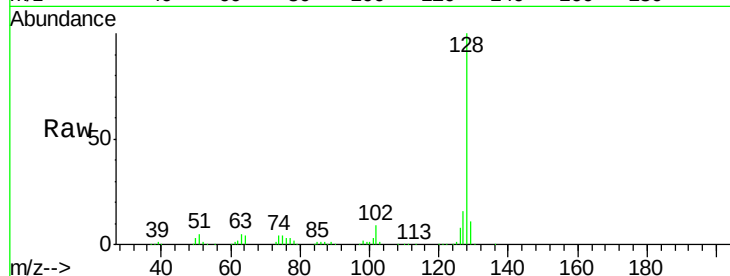




#31
Naphthalene
Concen: 38.451 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

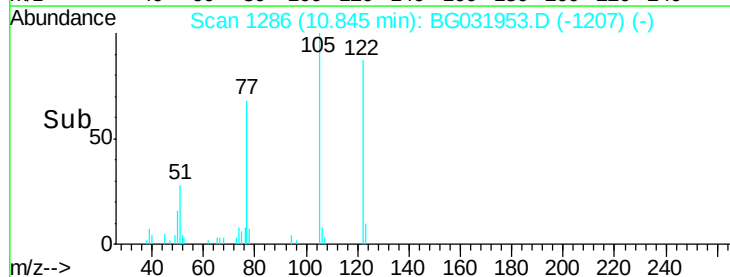
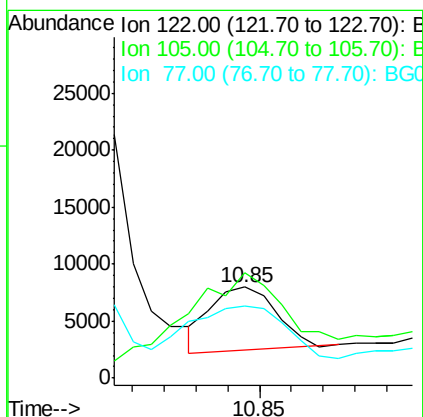
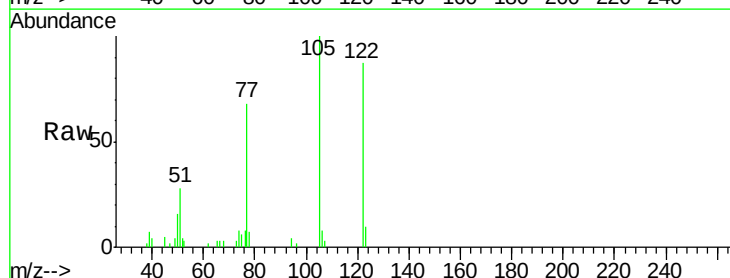
Instrument :
BNA_G
ClientSampleId :

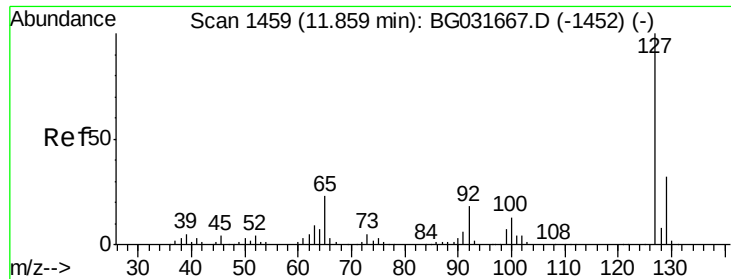
Tot Ion:128 Resp: 514921
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 15.8 11.6 17.4



#32
Benzoic acid
Concen: 9.227 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.06 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion:122 Resp: 8019
Ion Ratio Lower Upper
122 100
105 115.6 123.5 163.5#
77 79.0 85.7 125.7#

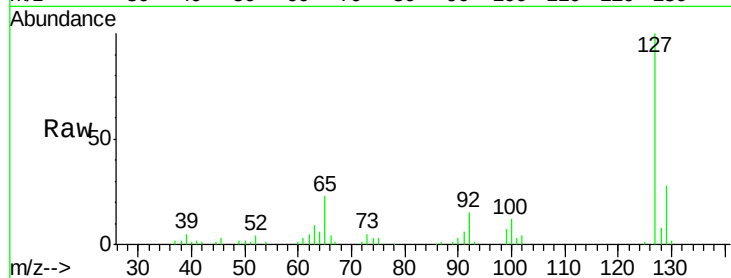




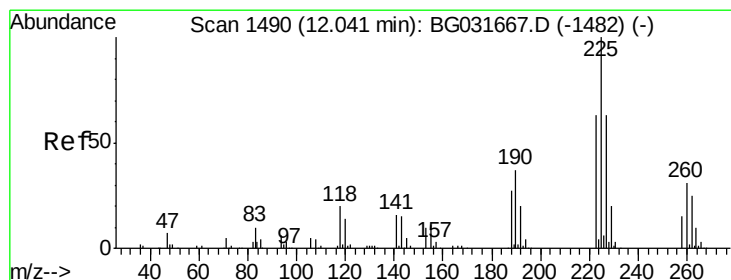
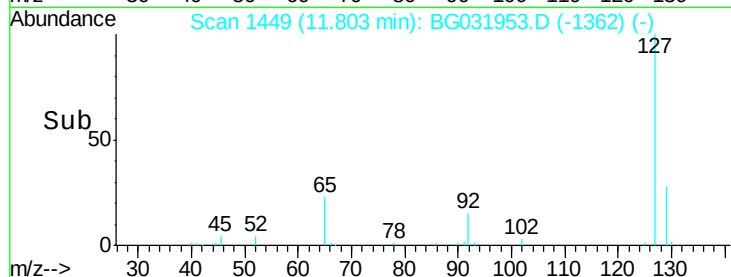
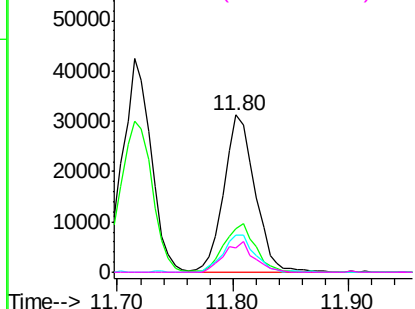
#33
4-Chloroaniline
Concen: 9.802 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 58439
Ion Ratio Lower Upper
127 100
129 27.7 24.0 36.0
65 23.5 27.0 40.4#
92 15.1 16.6 25.0#

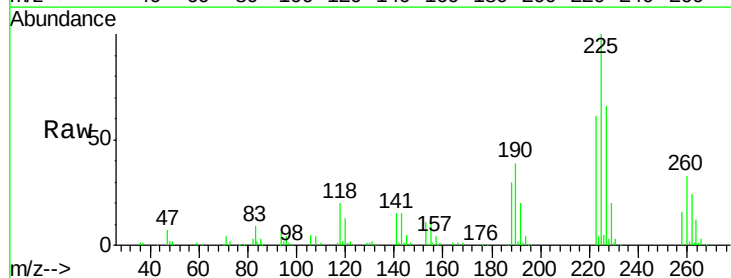


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

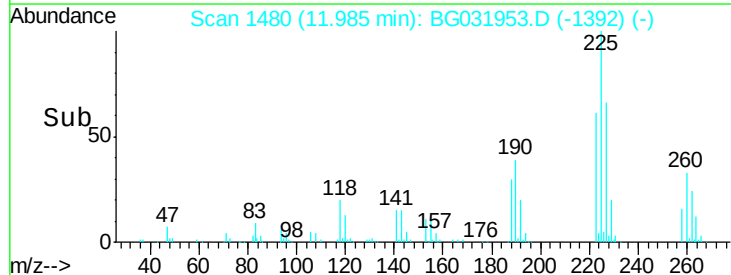
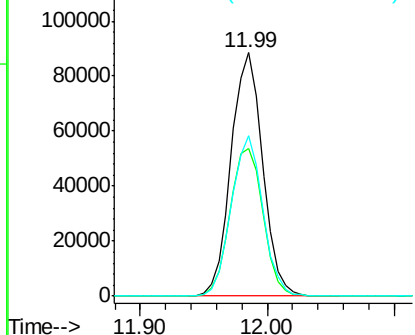


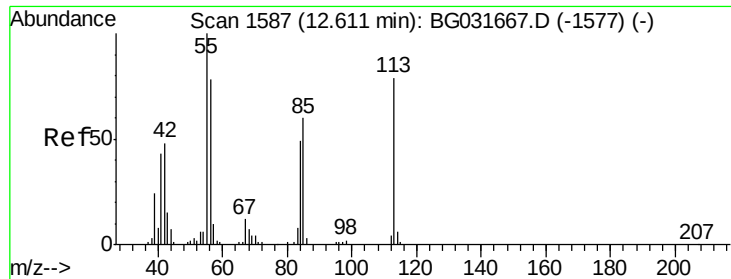
#34
Hexachlorobutadiene
Concen: 38.706 ng
RT: 11.99 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion:225 Resp: 152196
Ion Ratio Lower Upper
225 100
223 60.5 49.7 74.5
227 65.7 48.1 72.1



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

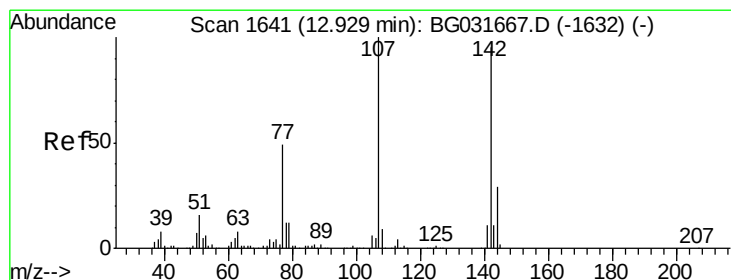
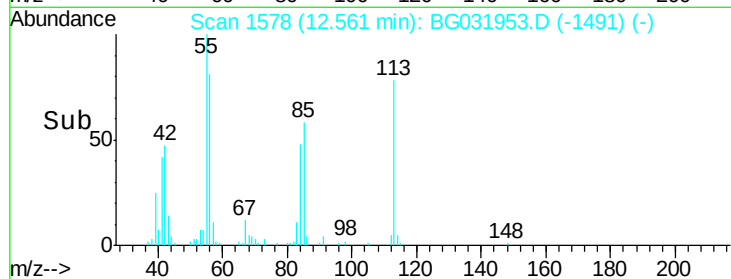
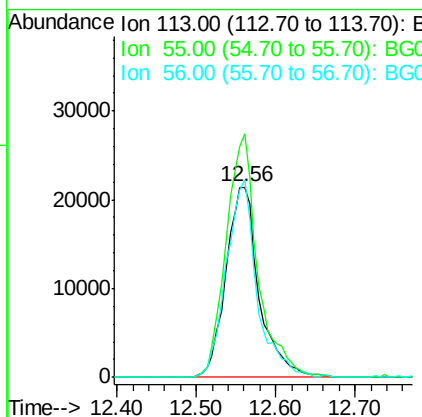
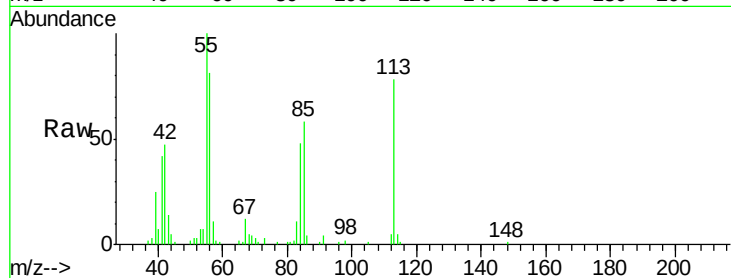




#35
 Caprolactam
 Concen: 43.662 ng
 RT: 12.56 min Scan# 1578
 Delta R.T. -0.02 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

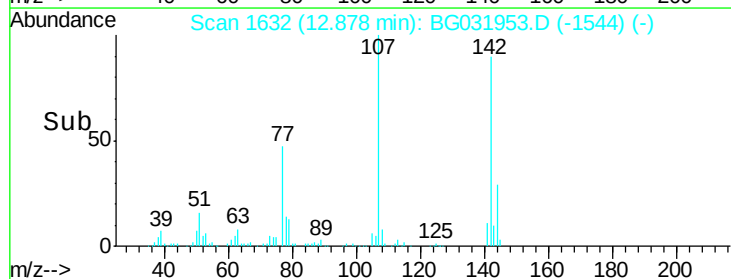
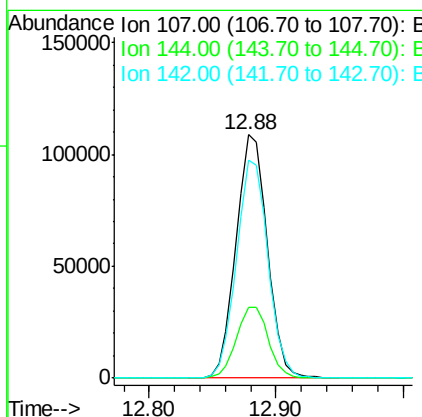
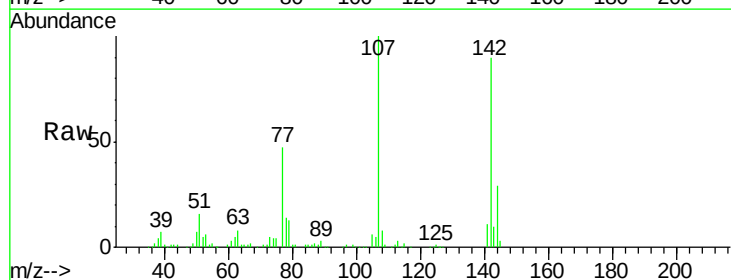
Instrument :
 BNA_G
 ClientSampleId :

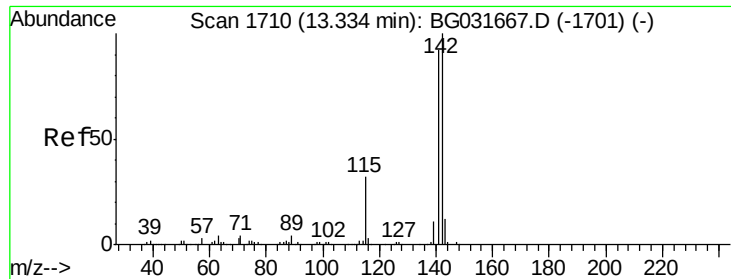
Tot Ion:113 Resp: 62083
 Ion Ratio Lower Upper
 113 100
 55 127.8 186.9 226.9#
 56 103.9 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 42.994 ng
 RT: 12.88 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

Tgt Ion:107 Resp: 186267
 Ion Ratio Lower Upper
 107 100
 144 29.3 18.2 27.4#
 142 89.6 59.0 88.4#

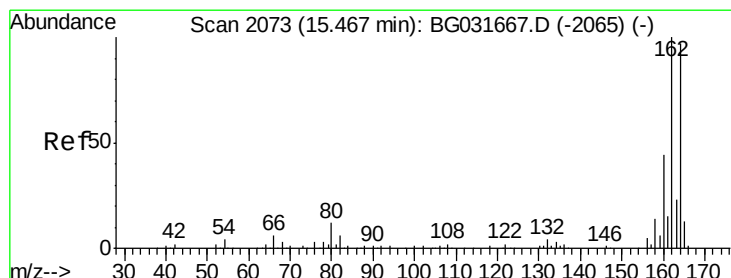
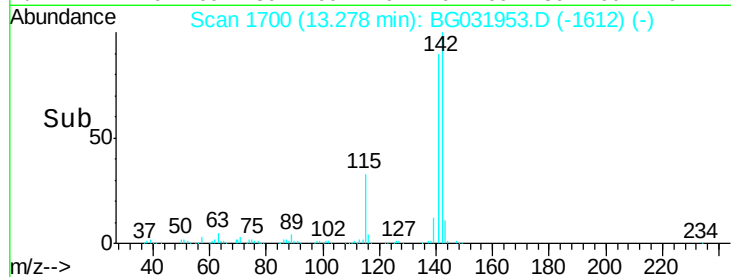
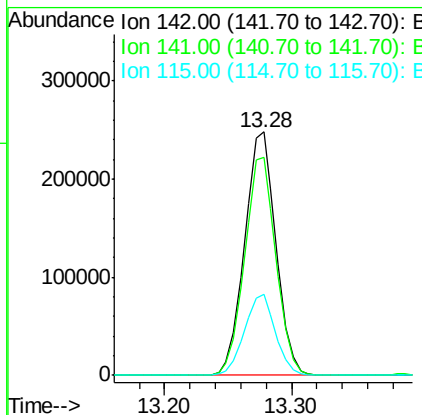
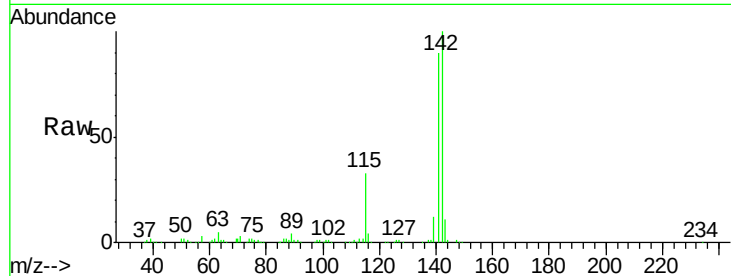




#37
 2-Methylnaphthalene
 Concen: 39.075 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

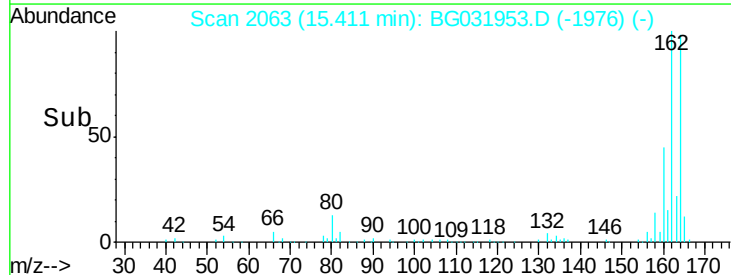
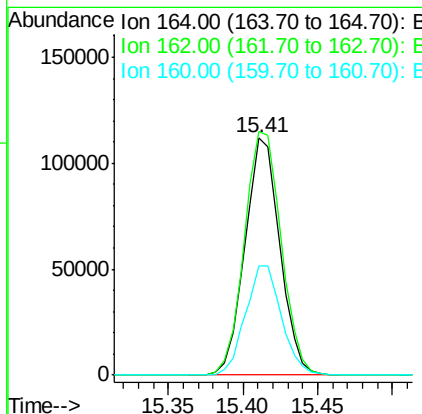
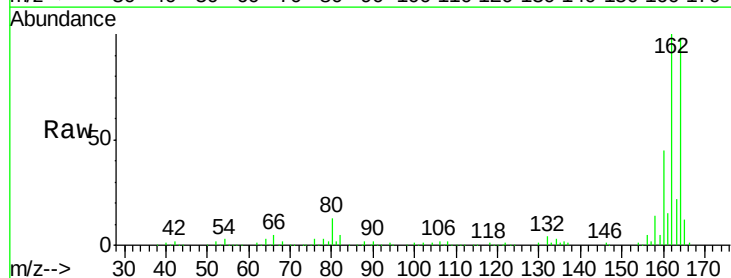
Instrument :
 BNA_G
 ClientSampleId :

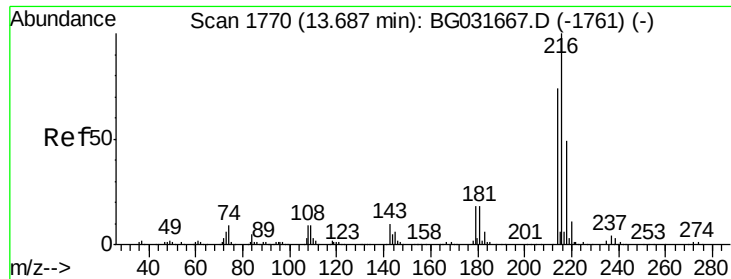
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.1	100.7
115	33.1	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.02 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	46.2	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.717 ng

RT: 13.63 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 301448

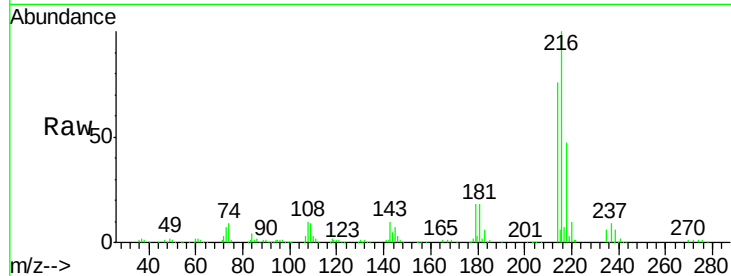
Ion Ratio Lower Upper

216 100

214 76.2 63.0 94.4

179 18.5 17.0 25.6

108 12.0 12.8 19.2#

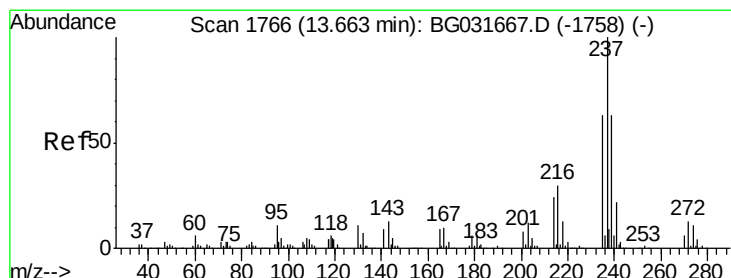
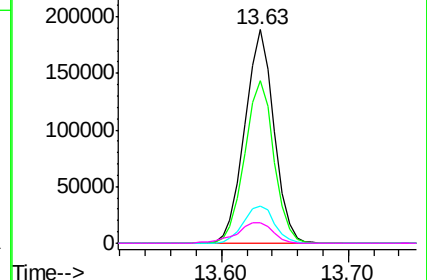
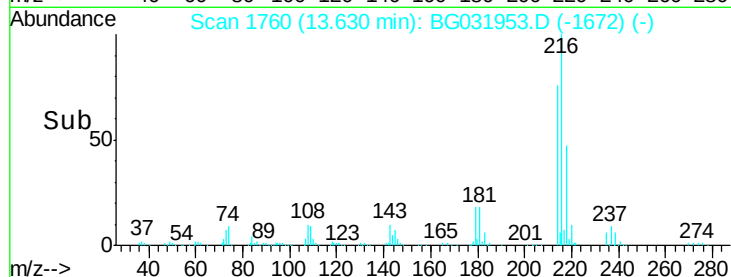


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.741 ng

RT: 13.61 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

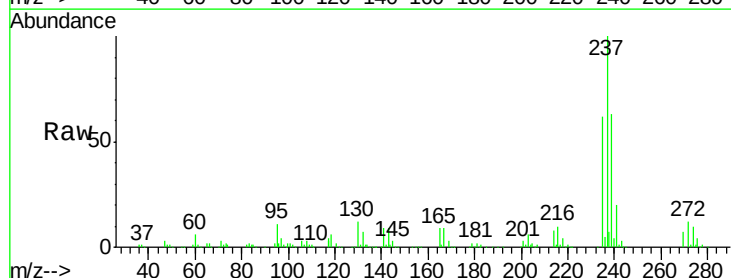
Tgt Ion:237 Resp: 319284

Ion Ratio Lower Upper

237 100

235 61.9 50.4 90.4

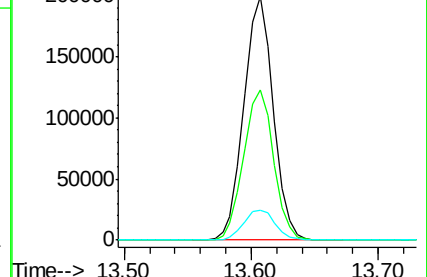
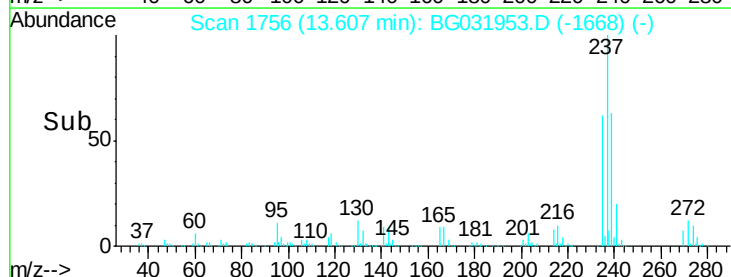
272 12.3 0.0 31.8

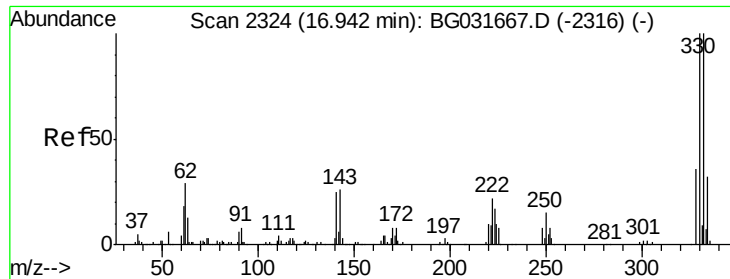


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 149.332 ng

RT: 16.89 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampleId :

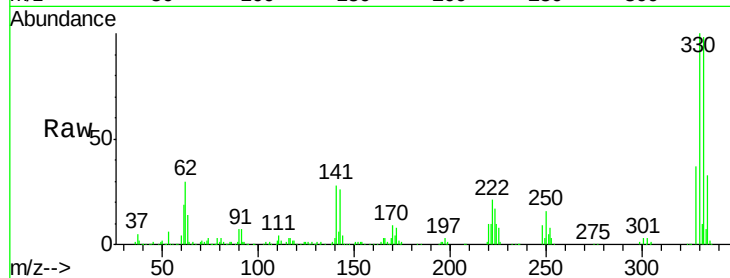
Tot Ion:330 Resp: 410591

Ion Ratio Lower Upper

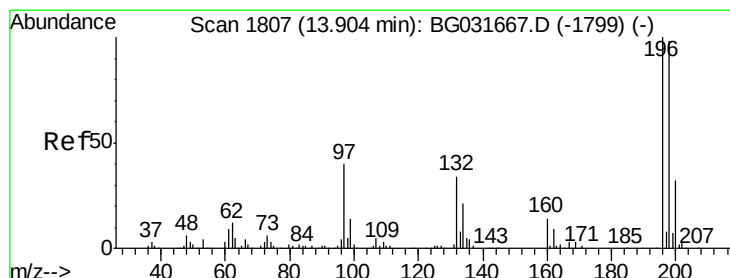
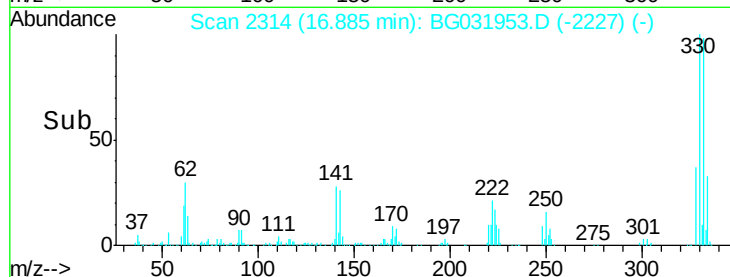
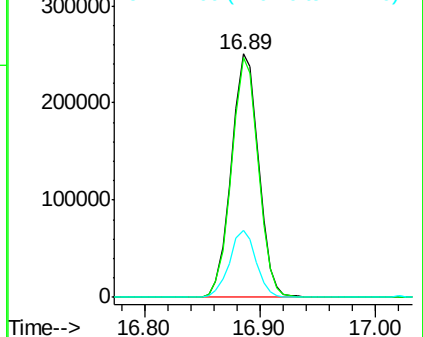
330 100

332 96.6 77.0 115.6

141 26.8 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: 43.288 ng

RT: 13.85 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

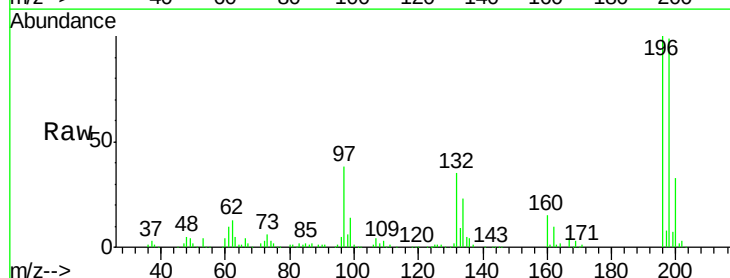
Tgt Ion:196 Resp: 189430

Ion Ratio Lower Upper

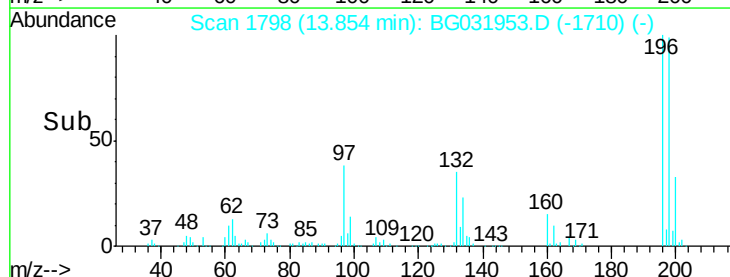
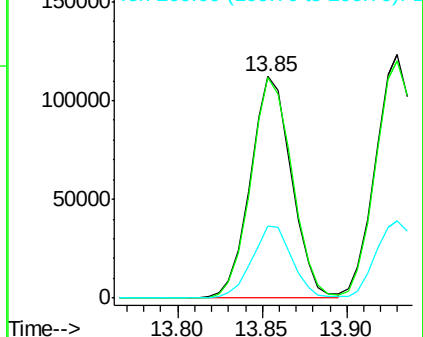
196 100

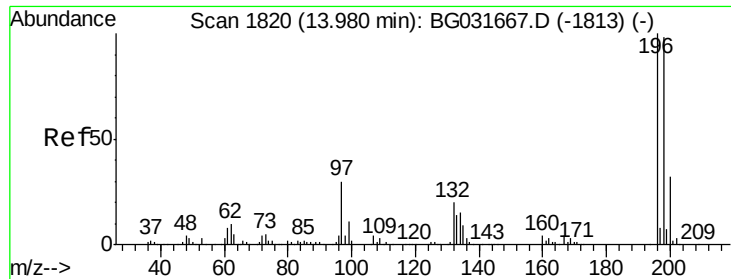
198 99.2 78.2 117.2

200 32.7 24.6 36.8



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

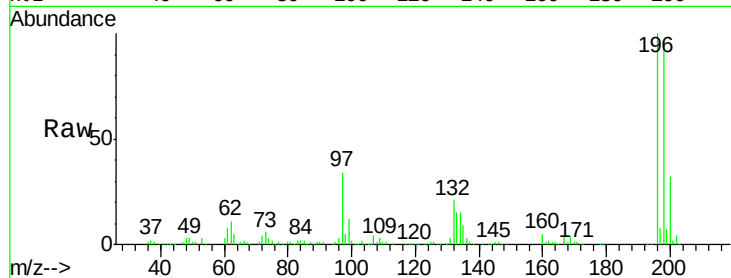




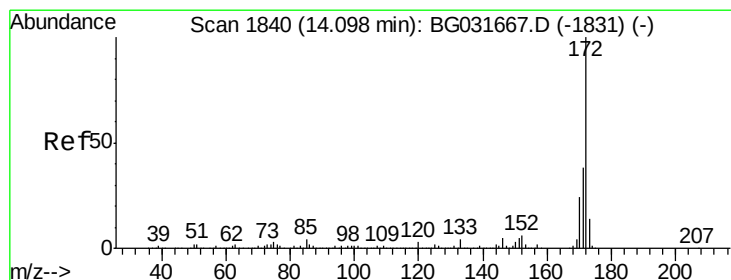
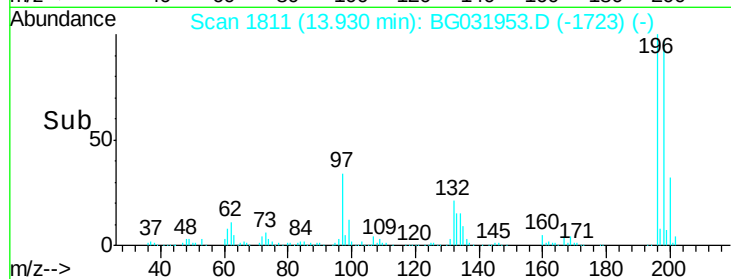
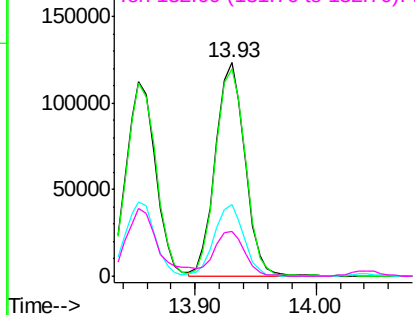
#43
2,4,5-Trichlorophenol
Concen: 42.825 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.2	114.4
97	33.6	38.7	58.1
132	20.9	20.2	30.2

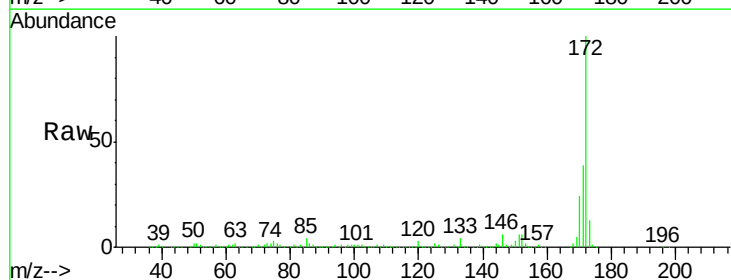


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

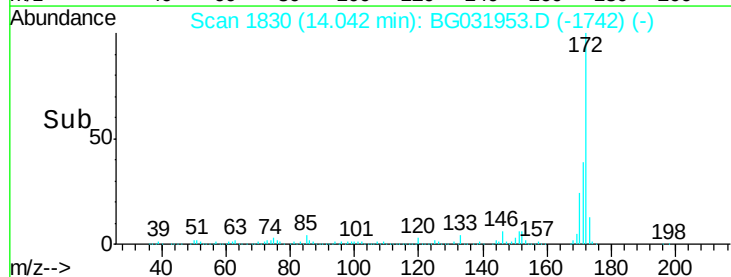
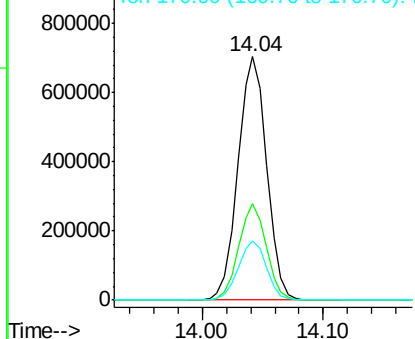


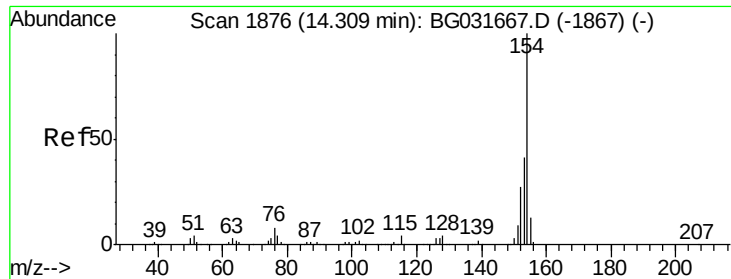
#44
2-Fluorobiphenyl
Concen: 80.878 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.0	45.0
170	24.5	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

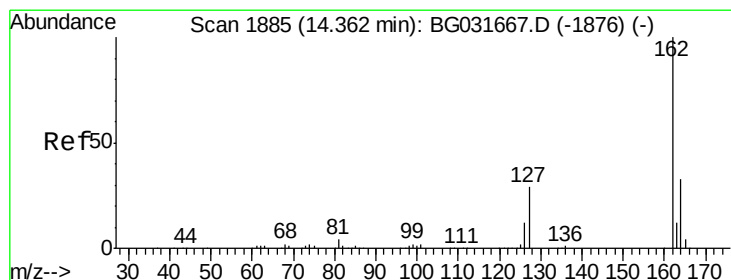
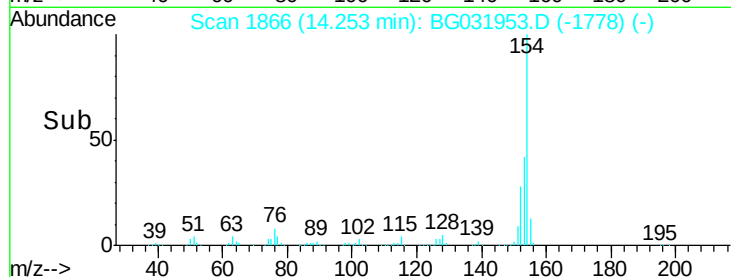
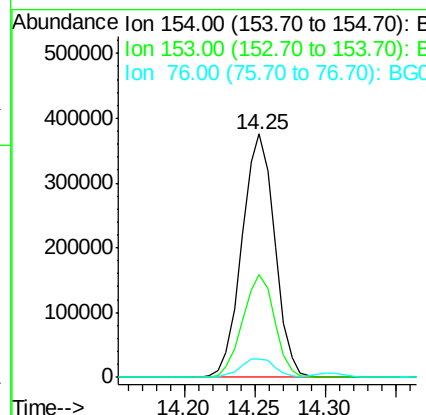
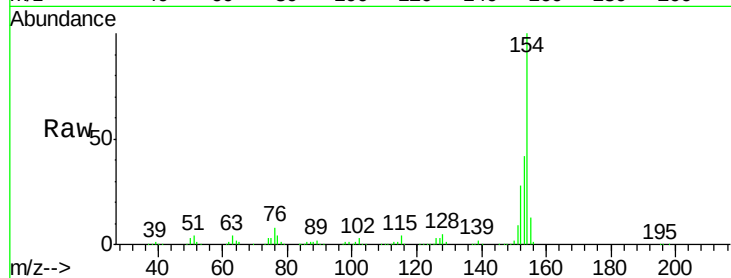




#45
 1,1'-Biphenyl
 Concen: 39.541 ng
 RT: 14.25 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

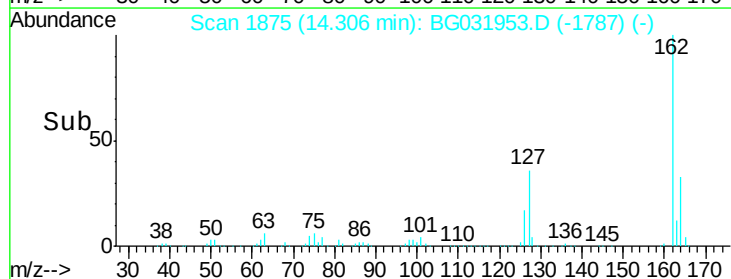
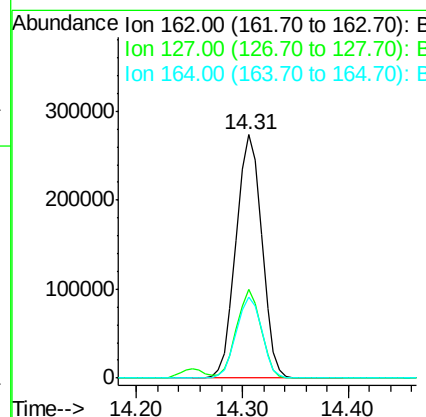
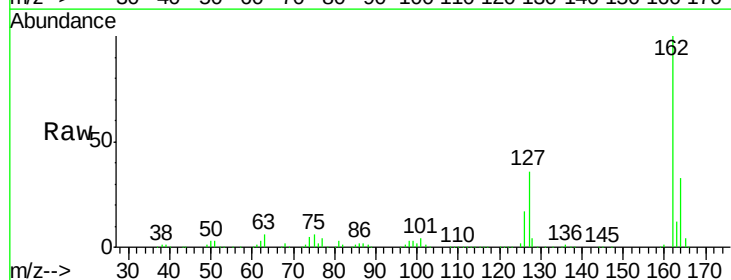
Instrument :
 BNA_G
 ClientSampleId :

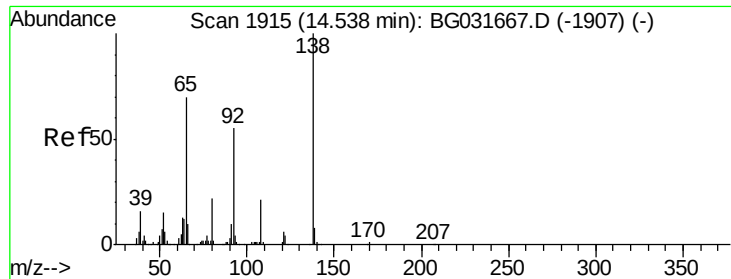
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.8	59.8
76	7.7	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 39.236 ng
 RT: 14.31 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.7	46.1
164	33.5	26.0	39.0





#47

2-Nitroaniline

Concen: 50.651 ng

RT: 14.49 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampleId :

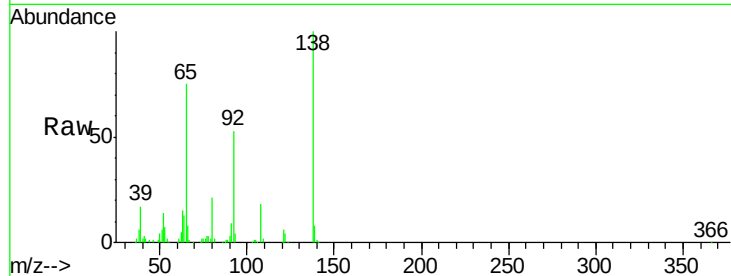
Tot Ion: 65 Resp: 102693

Ion Ratio Lower Upper

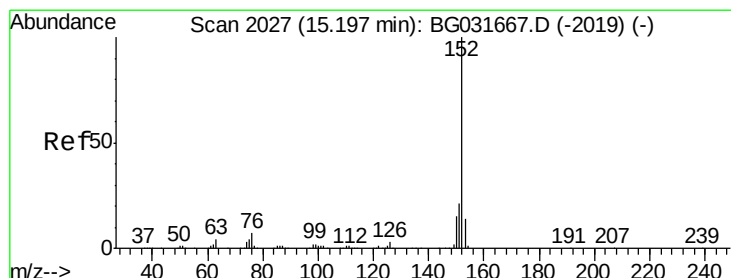
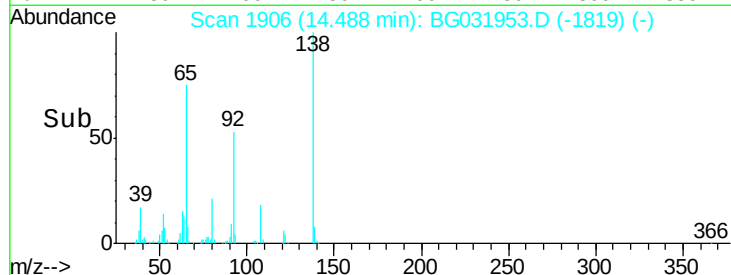
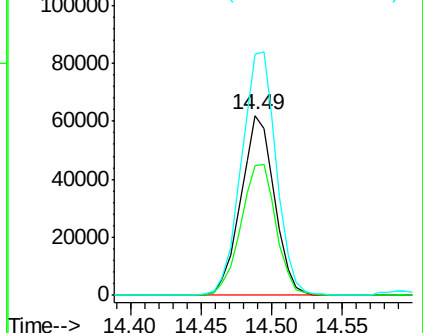
65 100

92 71.7 54.6 82.0

138 134.2 72.9 109.3#



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



#48

Acenaphthylene

Concen: 36.680 ng

RT: 15.14 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

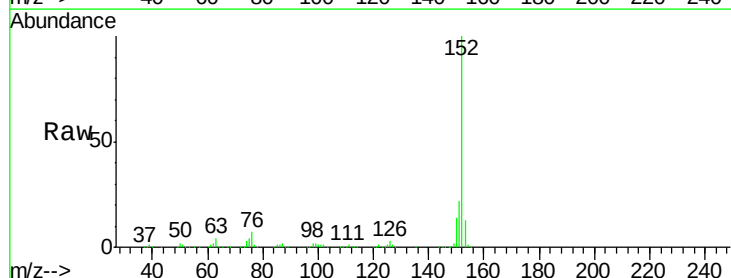
Tgt Ion: 152 Resp: 688874

Ion Ratio Lower Upper

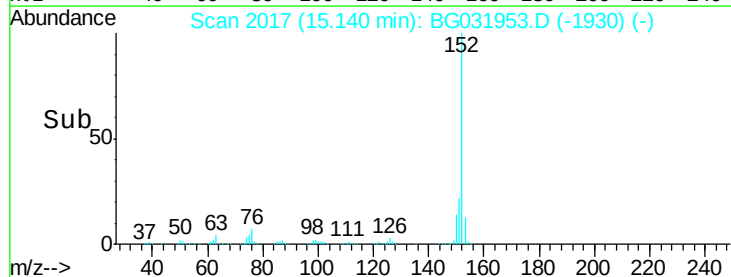
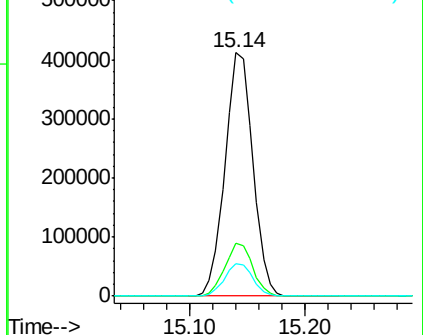
152 100

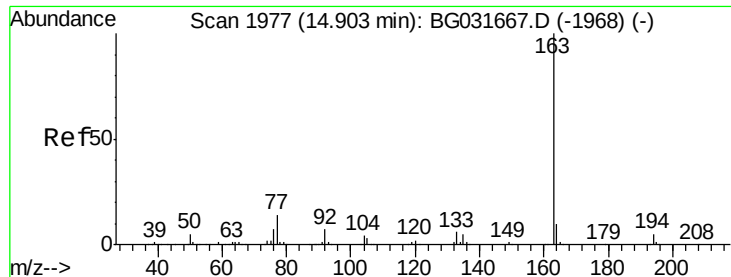
151 21.5 17.2 25.8

153 13.5 10.2 15.4



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

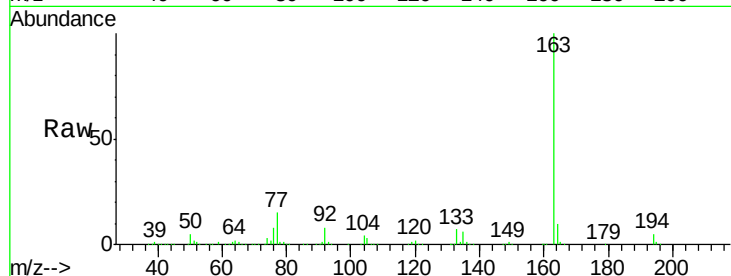




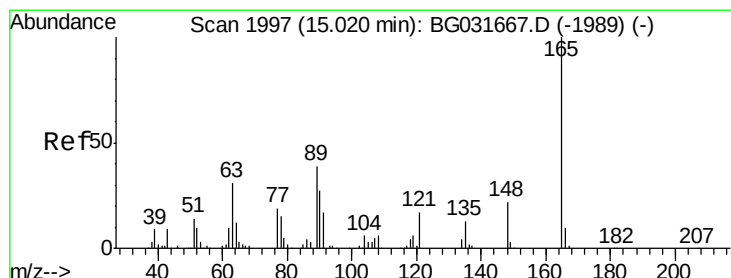
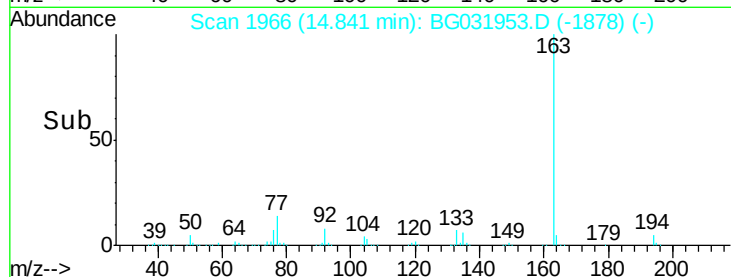
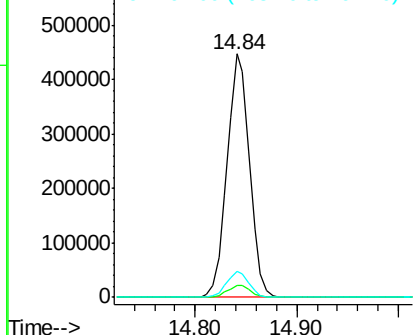
#49
Dimethylphthalate
Concen: 43.003 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 682643
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.2
164 10.5 8.2 12.4

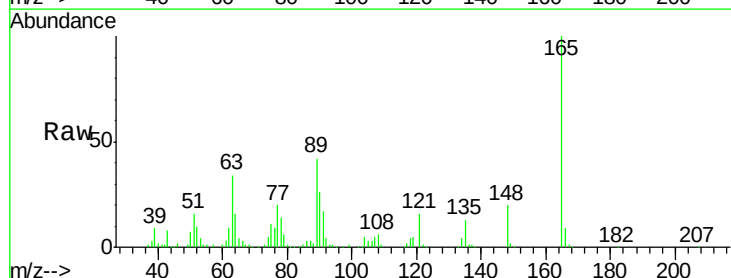


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

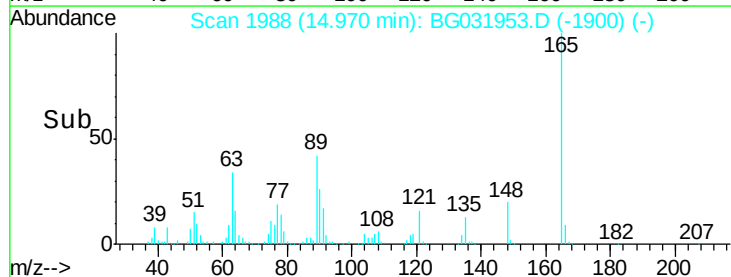
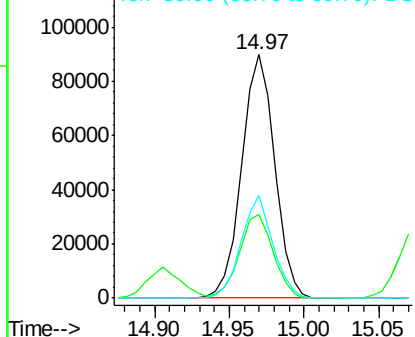


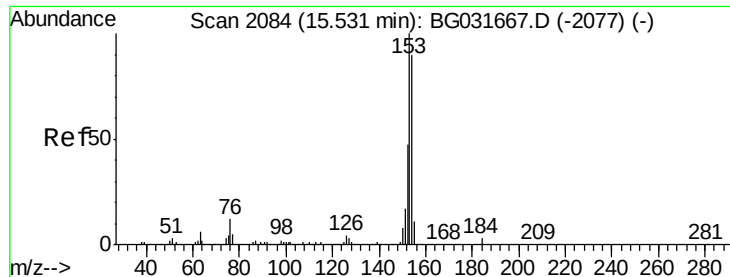
#50
2,6-Dinitrotoluene
Concen: 46.923 ng
RT: 14.97 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion:165 Resp: 137028
Ion Ratio Lower Upper
165 100
63 34.3 52.7 79.1#
89 42.0 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 39.612 ng

RT: 15.48 min Scan# 2074

Delta R.T. -0.02 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampleId :

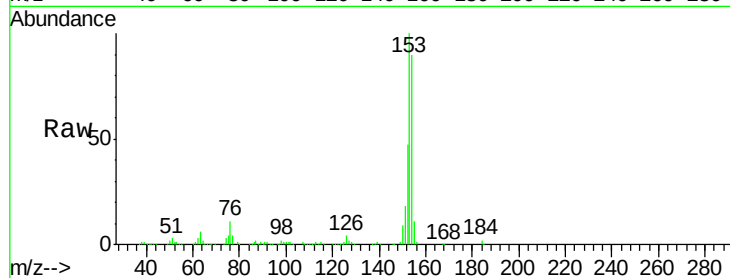
Tot Ion:154 Resp: 487215

Ion Ratio Lower Upper

154 100

153 111.7 90.4 135.6

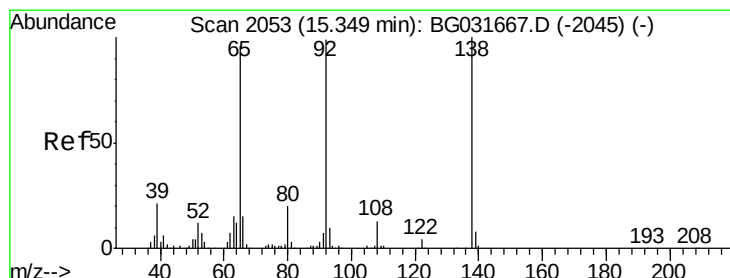
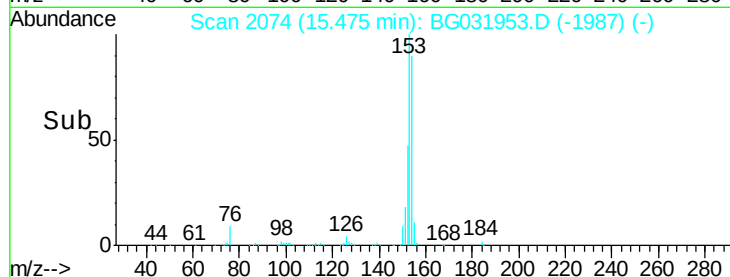
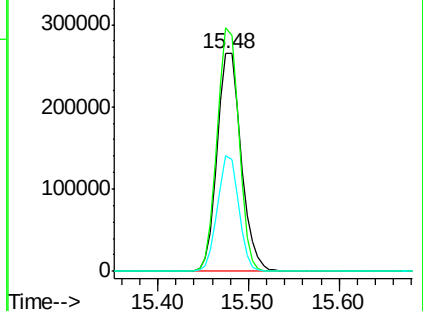
152 53.0 41.6 62.4



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: 18.734 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

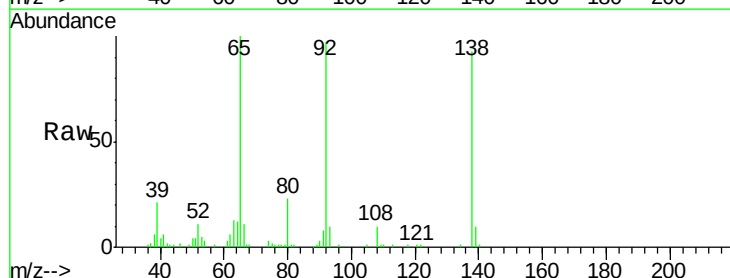
Tgt Ion:138 Resp: 53375

Ion Ratio Lower Upper

138 100

108 10.5 17.5 26.3#

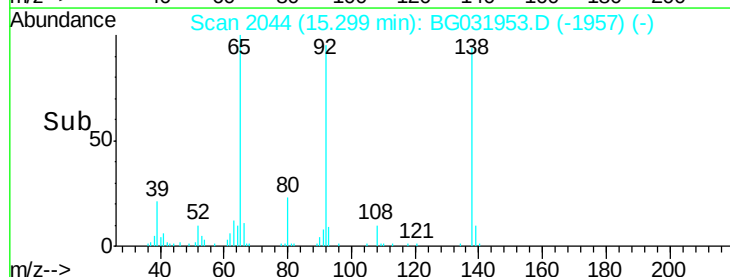
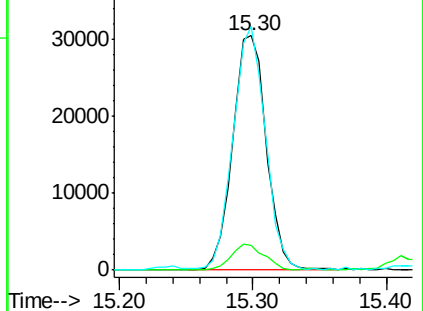
92 103.9 105.8 158.8#

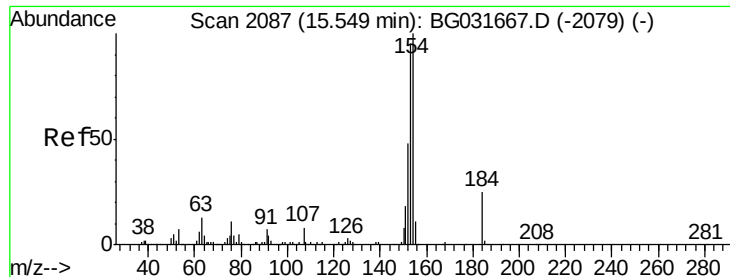


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

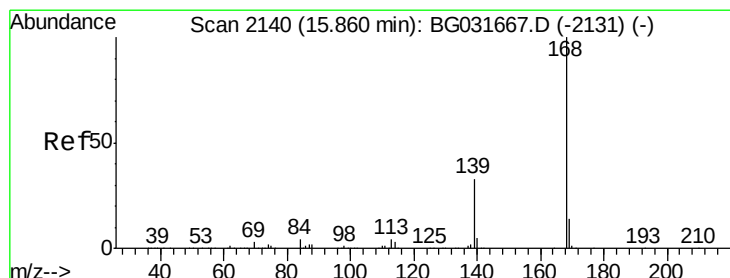
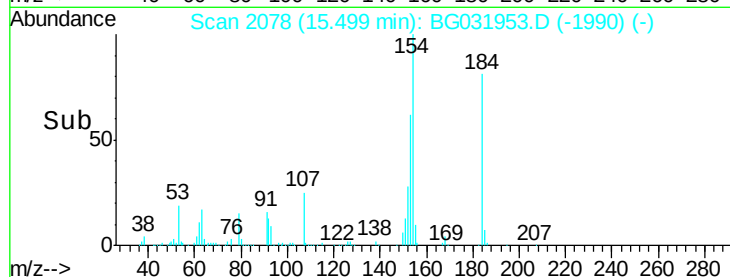
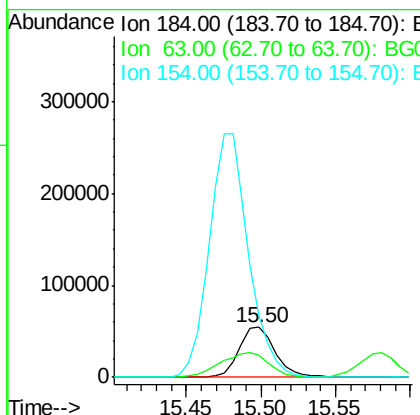
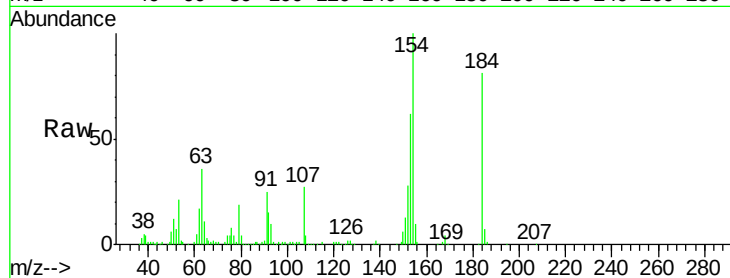




#53
2,4-Dinitrophenol
Concen: 74.207 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

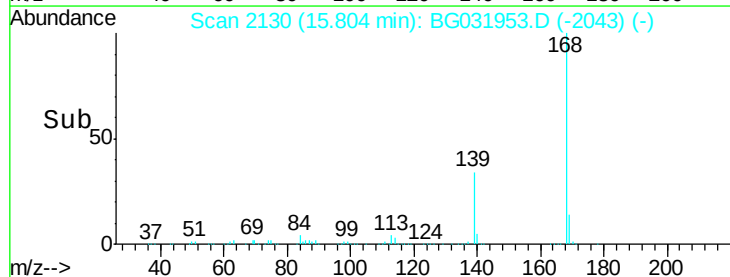
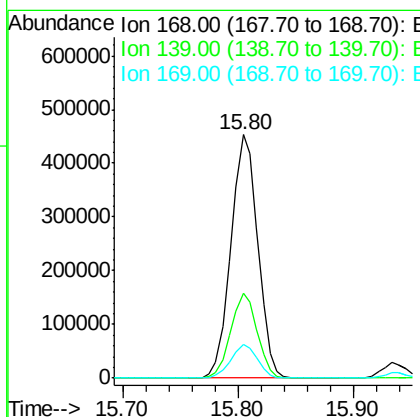
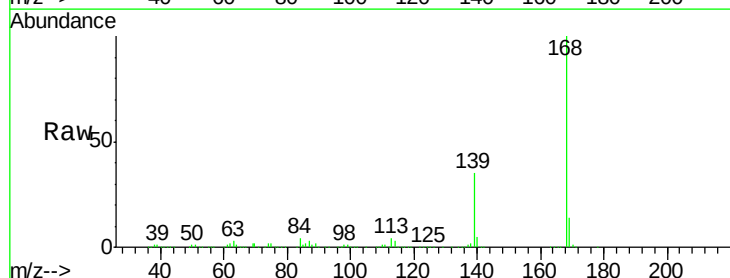
Instrument :
BNA_G
ClientSampleId :

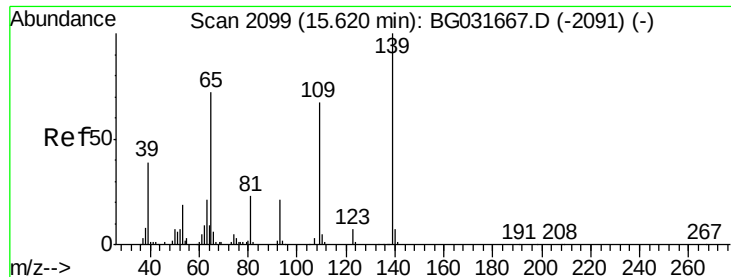
Tot Ion:184 Resp: 91303
Ion Ratio Lower Upper
184 100
63 43.9 59.8 89.8#
154 123.5 101.8 152.8



#54
Dibenzofuran
Concen: 38.531 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion:168 Resp: 726475
Ion Ratio Lower Upper
168 100
139 34.7 28.6 43.0
169 14.0 11.2 16.8





#55

4-Nitrophenol

Concen: 91.481 ng

RT: 15.58 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampleId :

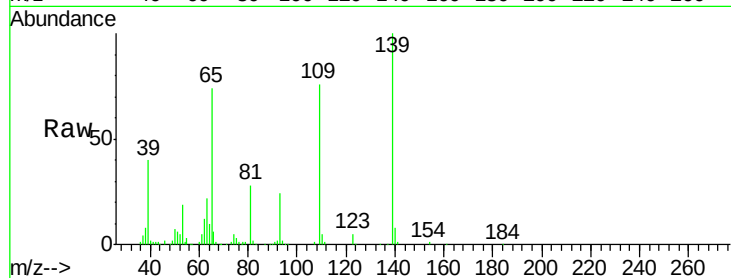
Tot Ion:139 Resp: 212139

Ion Ratio Lower Upper

139 100

109 75.9 62.2 102.2

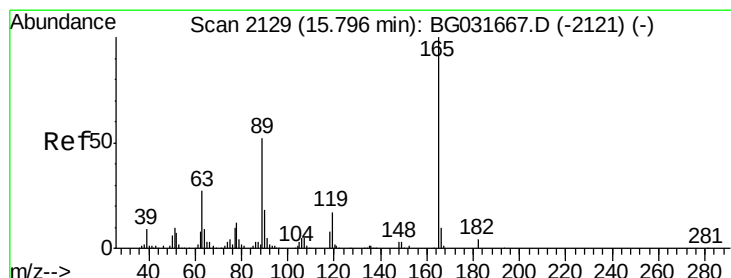
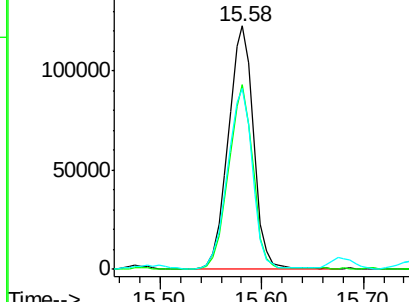
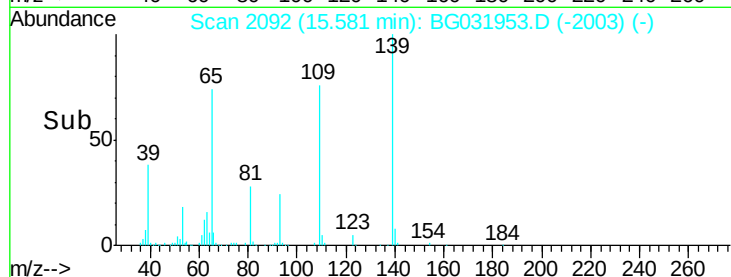
65 74.3 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 51.547 ng

RT: 15.75 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Tgt Ion:165 Resp: 193564

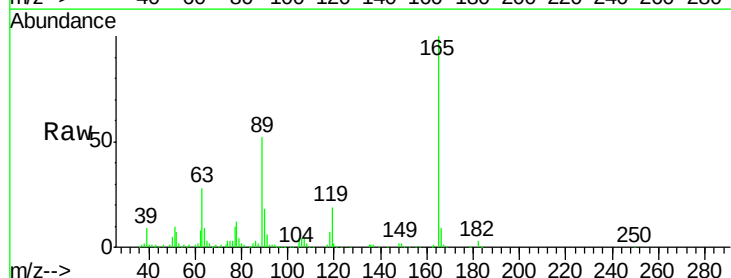
Ion Ratio Lower Upper

165 100

63 27.9 42.0 63.0#

89 52.0 66.9 100.3#

182 3.3 2.6 3.8

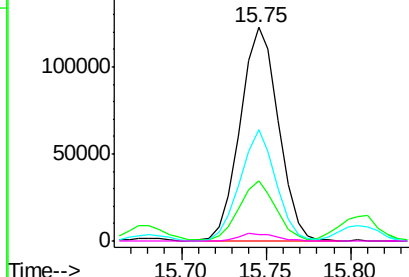
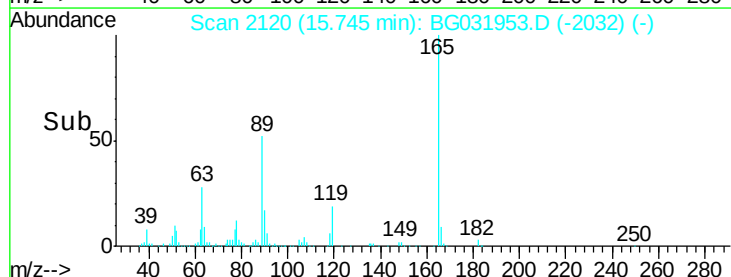


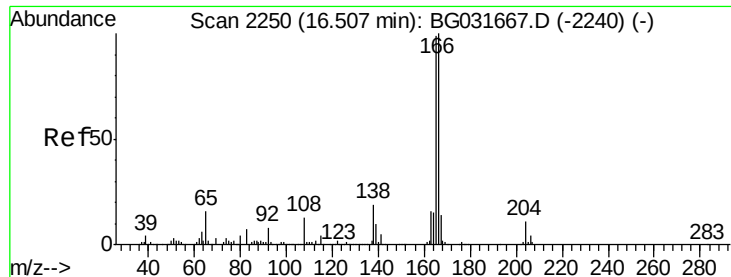
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.483 ng

RT: 16.45 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampleId :

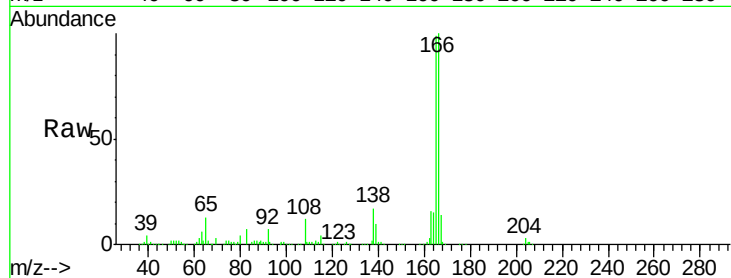
Tot Ion:166 Resp: 574110

Ion Ratio Lower Upper

166 100

165 99.3 80.6 121.0

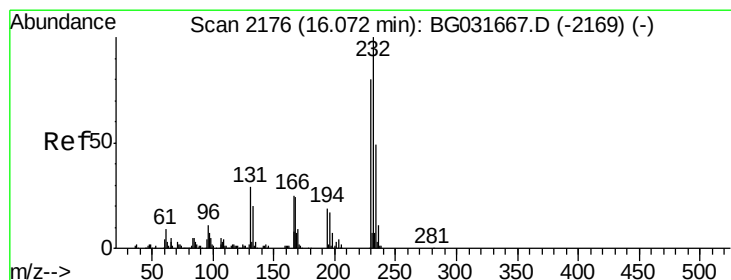
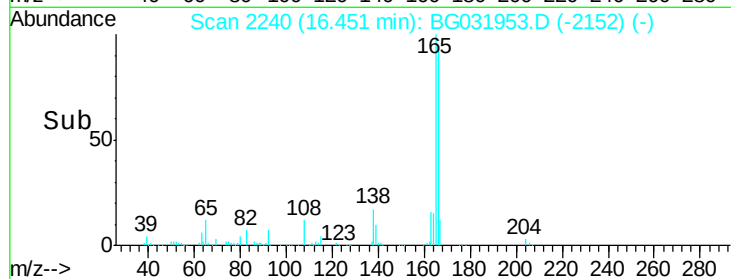
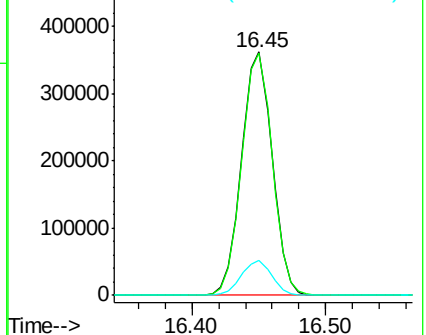
167 14.5 10.4 15.6



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: 45.890 ng

RT: 16.02 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Tgt Ion:232 Resp: 217127

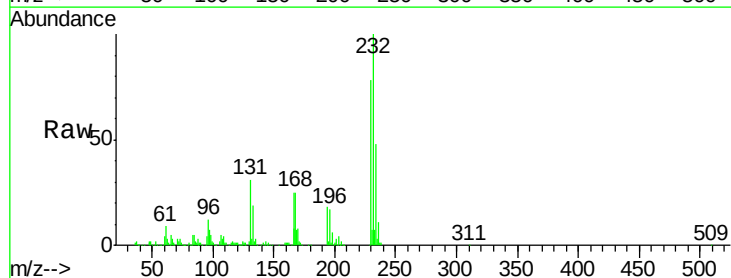
Ion Ratio Lower Upper

232 100

131 30.0 33.5 50.3#

130 1.9 2.2 3.2#

166 24.6 24.8 37.2#

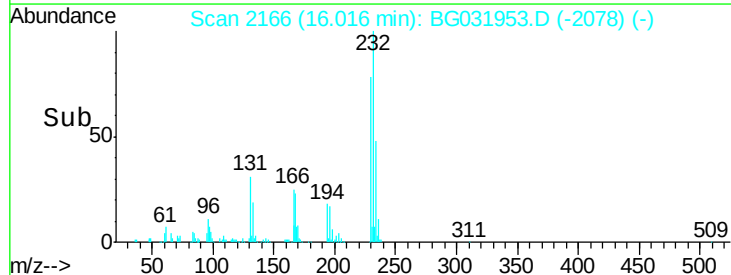
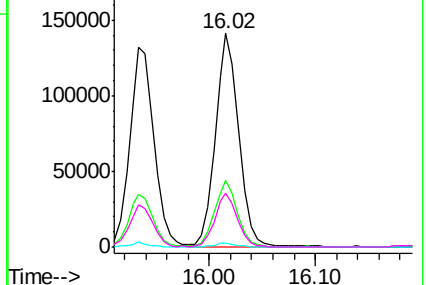


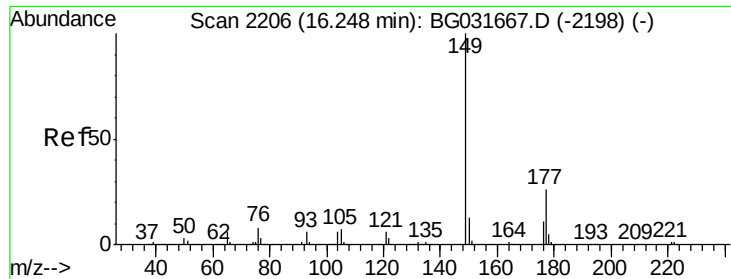
Abundance Ion 232.00 (231.70 to 232.70): E

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

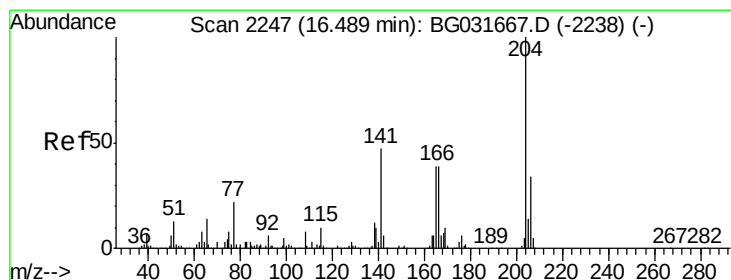
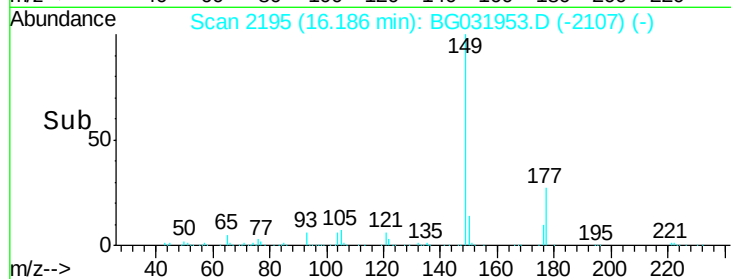
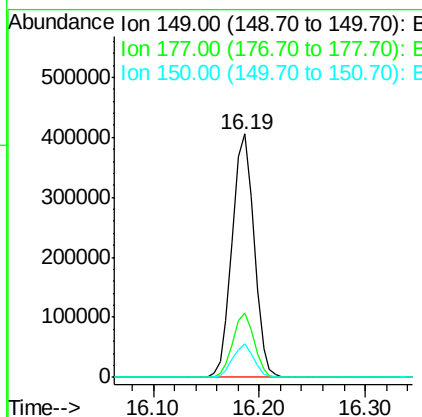
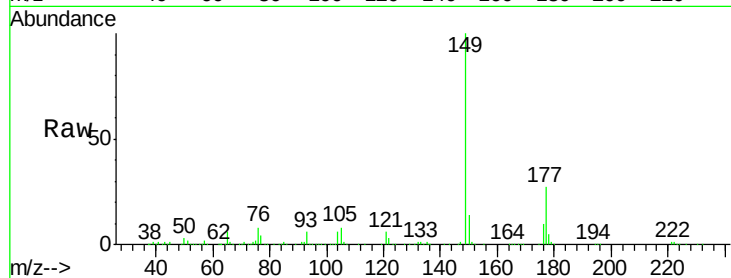




#59
Diethylphthalate
Concen: 37.434 ng
RT: 16.19 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

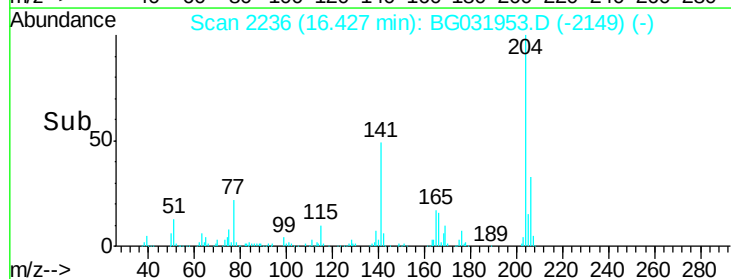
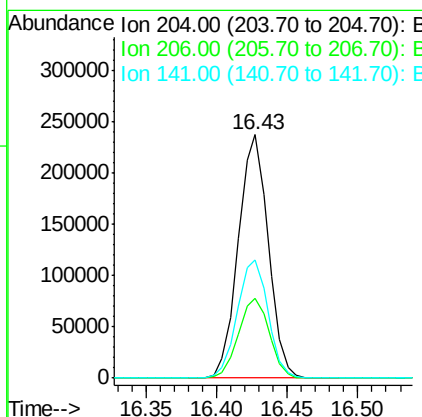
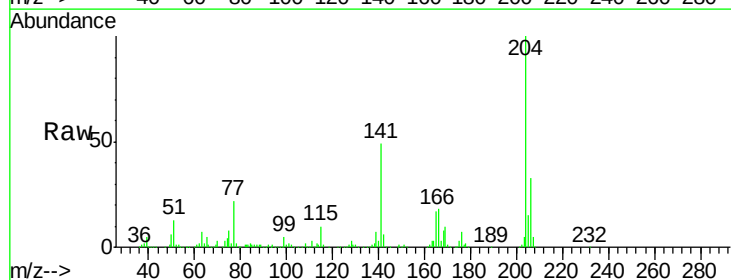
Instrument :
BNA_G
ClientSampleId :

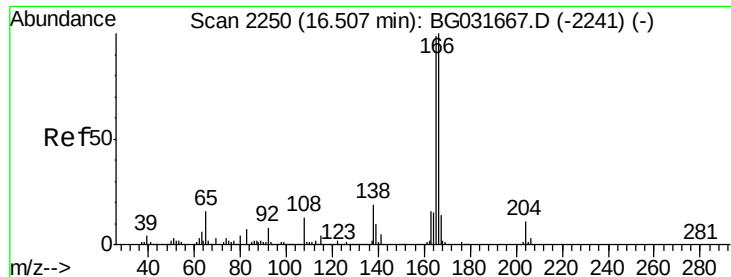
Tot Ion:149 Resp: 579196
Ion Ratio Lower Upper
149 100
177 26.7 18.5 27.7
150 13.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 37.601 ng
RT: 16.43 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion:204 Resp: 352388
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 48.8 45.8 68.6





#61

4-Nitroaniline

Concen: 39.028 ng

RT: 16.46 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampleId :

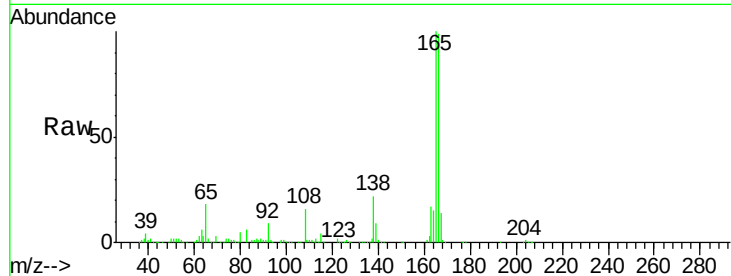
Tot Ion:138 Resp: 108511

Ion Ratio Lower Upper

138 100

92 39.8 40.1 80.1#

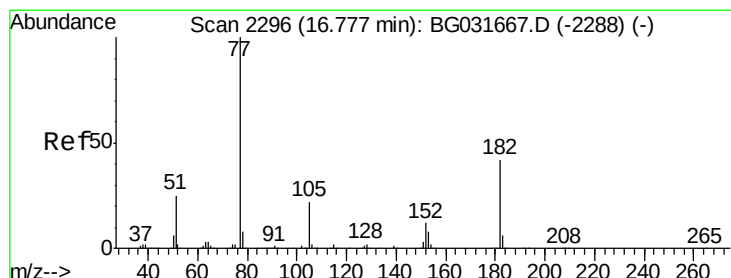
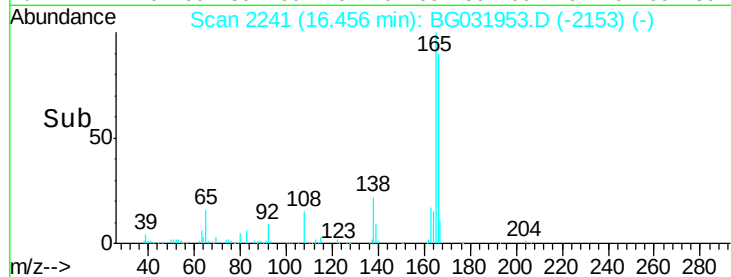
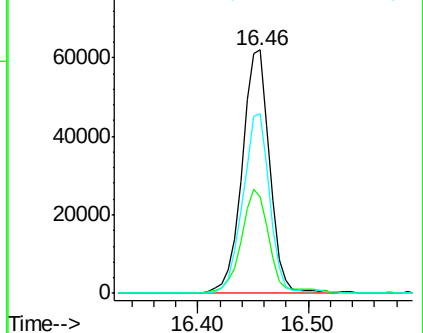
108 73.9 65.4 105.4



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: 38.235 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Tgt Ion: 77 Resp: 379395

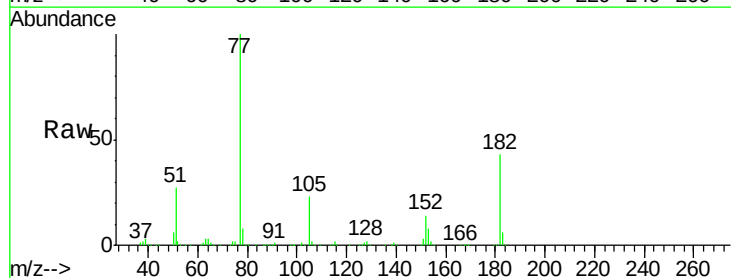
Ion Ratio Lower Upper

77 100

182 43.4 7.4 47.4

105 22.9 0.3 40.3

51 26.6 11.6 51.6

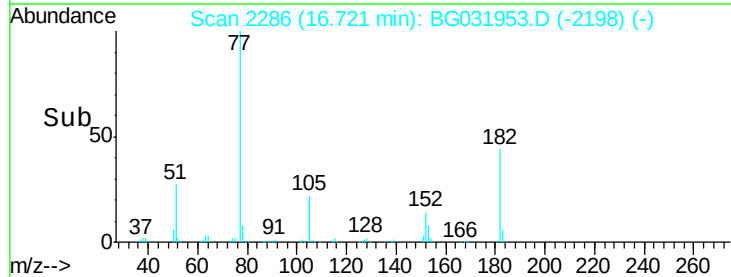
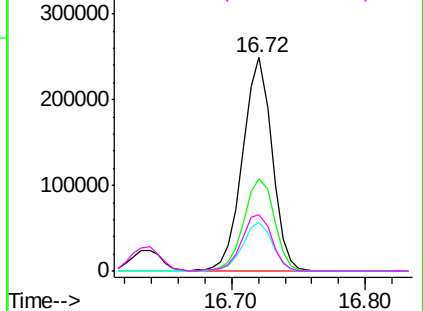


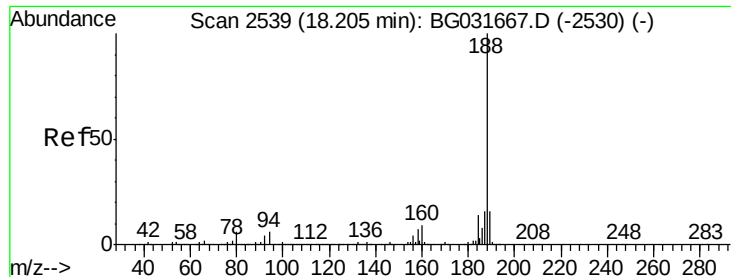
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

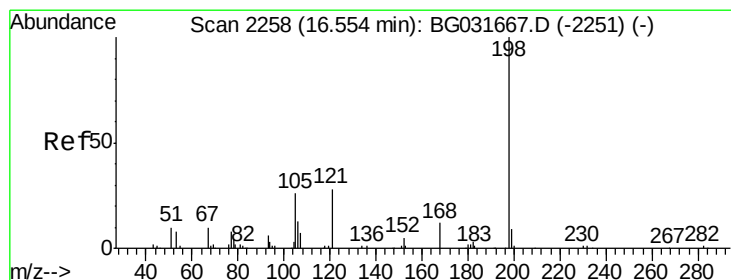
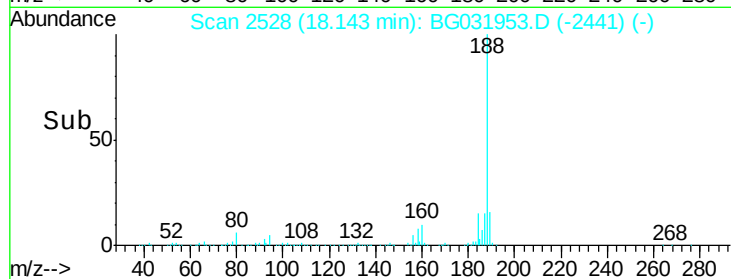
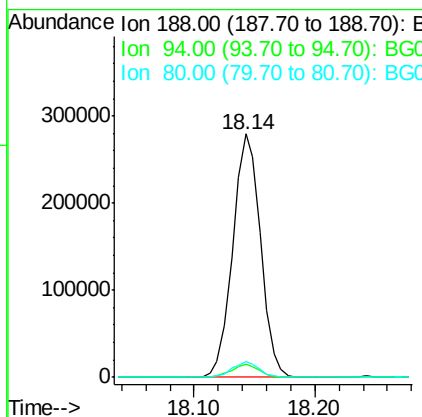
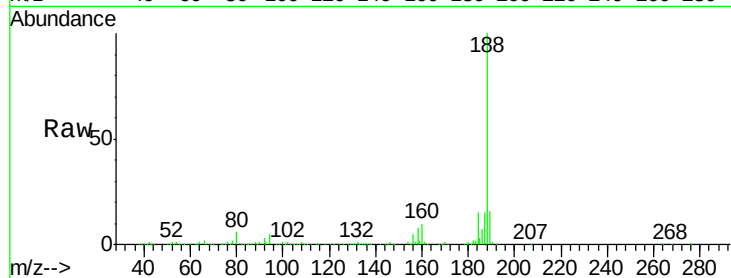




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

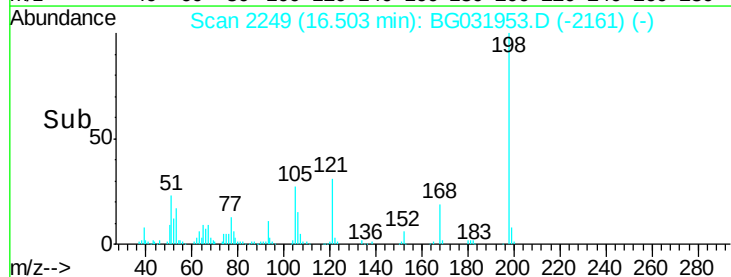
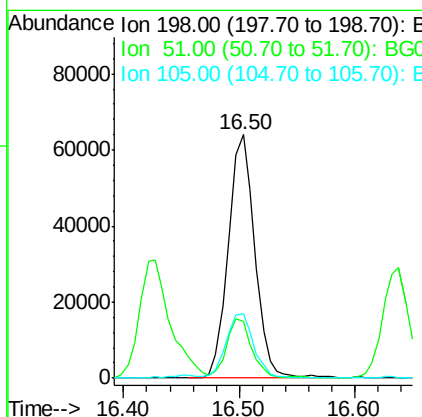
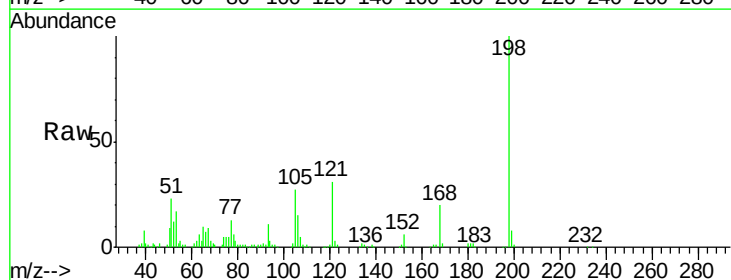
Instrument :
BNA_G
ClientSampleId :

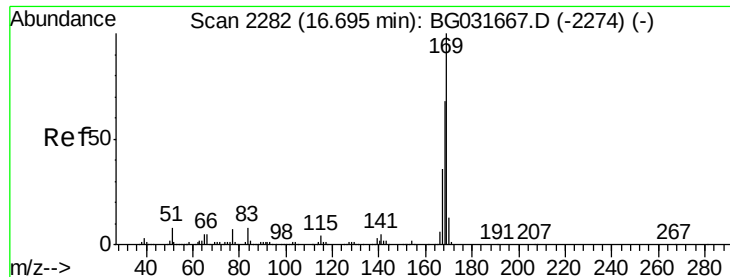
Tot Ion:188 Resp: 447340
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 6.2 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 47.059 ng
RT: 16.50 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion:198 Resp: 101983
Ion Ratio Lower Upper
198 100
51 23.2 30.6 70.6#
105 26.5 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 36.253 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampleId :

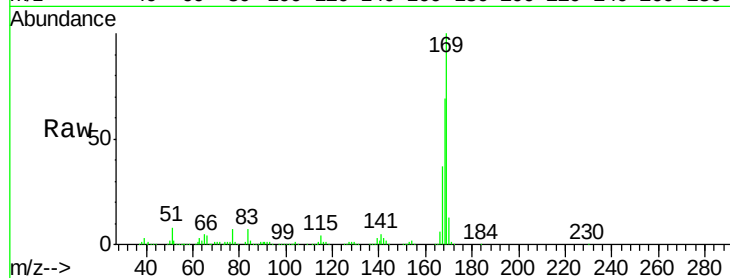
Tot Ion:169 Resp: 538616

Ion Ratio Lower Upper

169 100

168 69.4 55.7 83.5

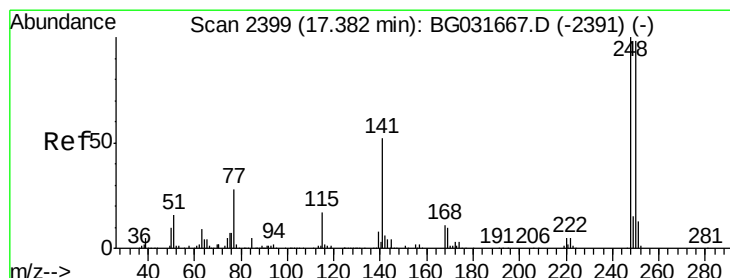
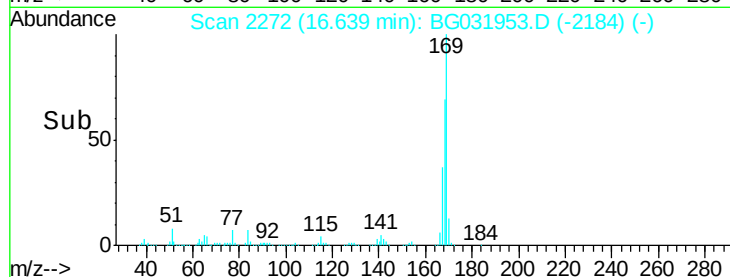
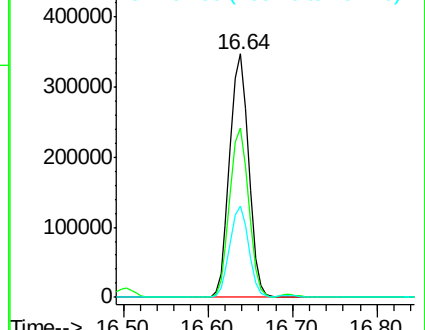
167 37.3 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.164 ng

RT: 17.32 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

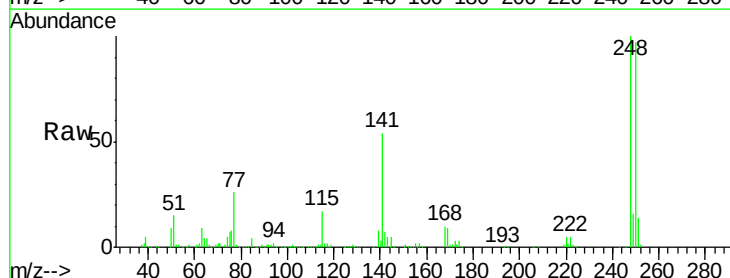
Tgt Ion:248 Resp: 253342

Ion Ratio Lower Upper

248 100

250 96.7 77.1 115.7

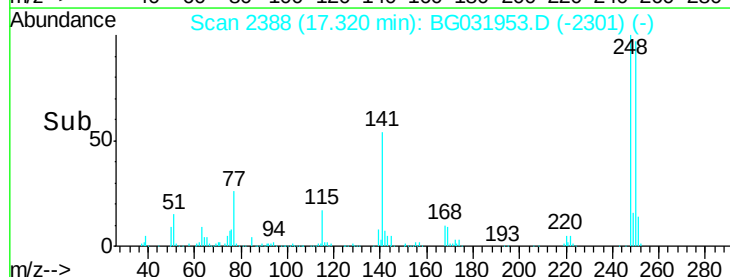
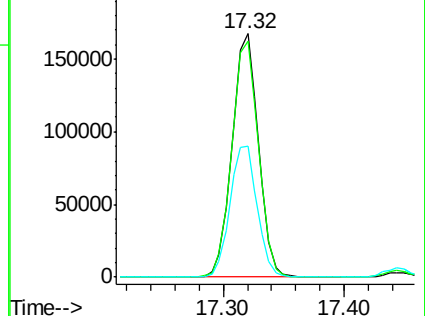
141 54.0 50.8 76.2

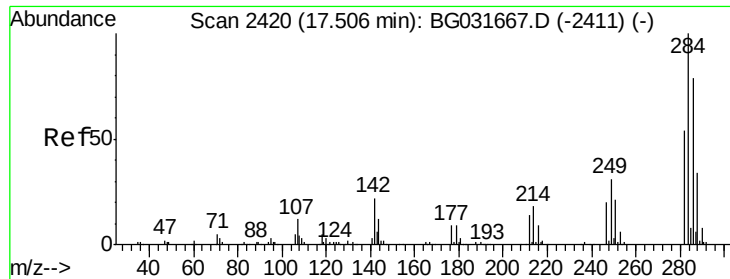


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

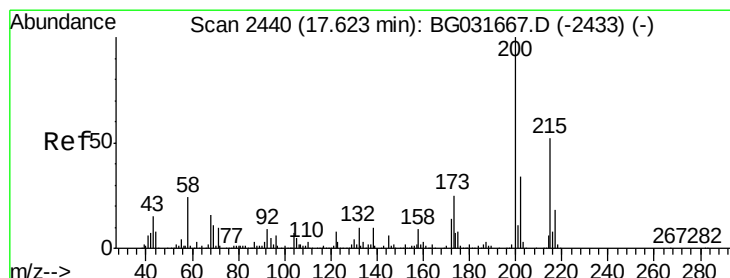
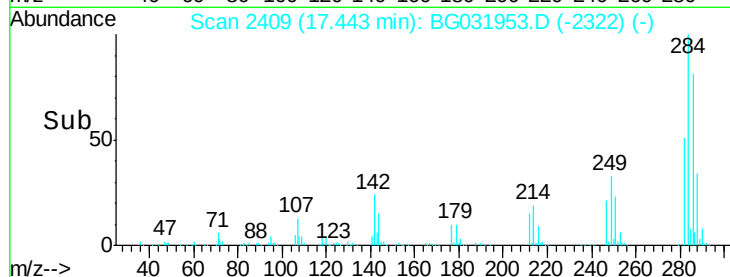
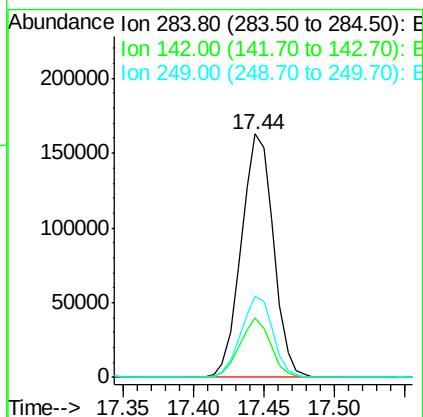
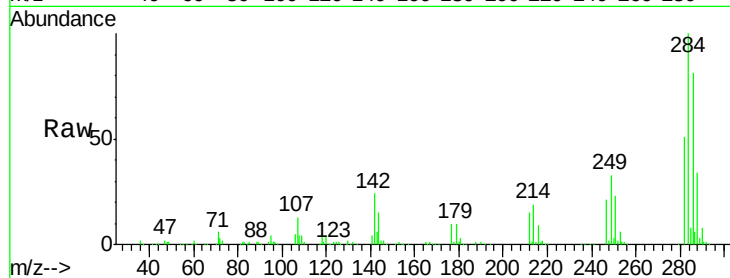




#67
Hexachlorobenzene
Concen: 39.181 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

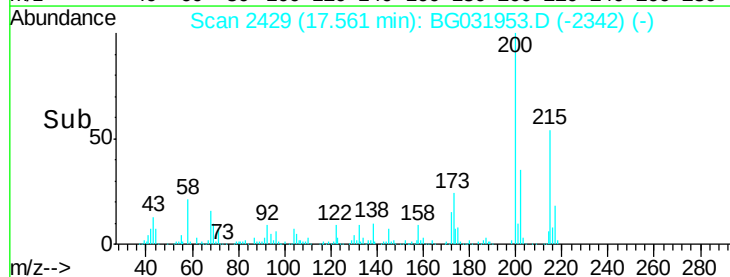
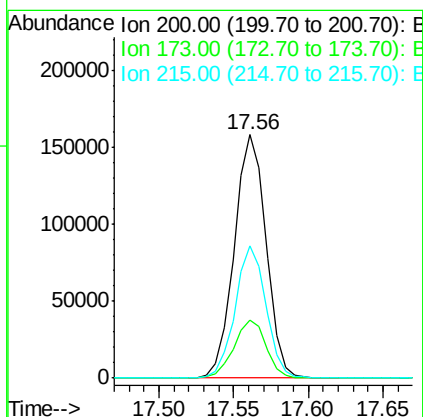
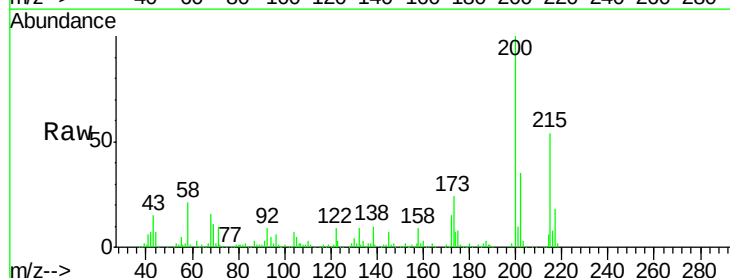
Instrument :
BNA_G
ClientSampleId :

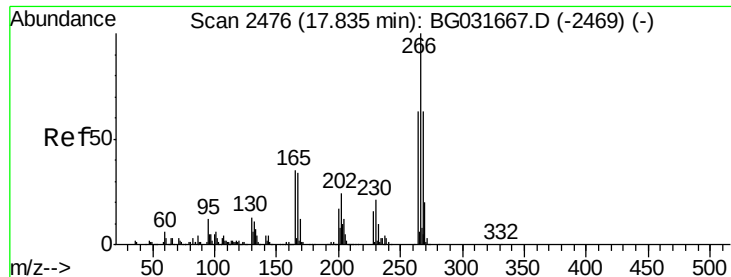
Tot Ion:284 Resp: 259093
Ion Ratio Lower Upper
284 100
142 24.3 26.8 40.2#
249 33.2 26.3 39.5



#68
Atrazine
Concen: 40.442 ng
RT: 17.56 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion:200 Resp: 233638
Ion Ratio Lower Upper
200 100
173 24.1 5.2 45.2
215 54.2 30.4 70.4

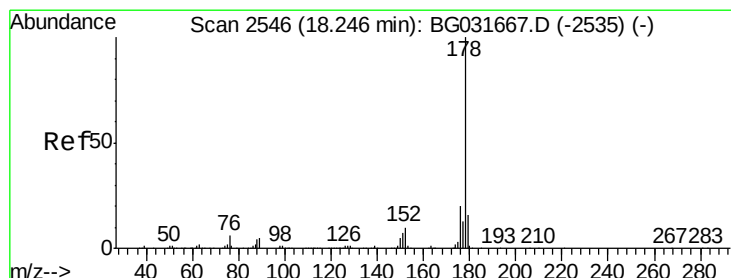
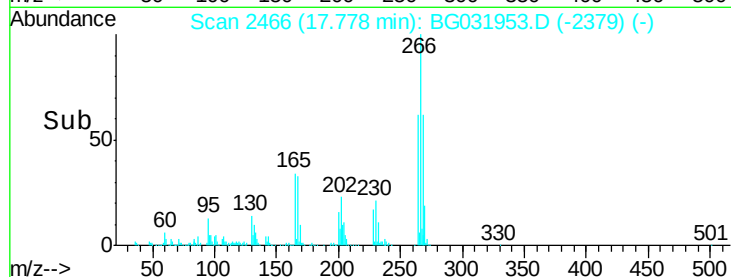
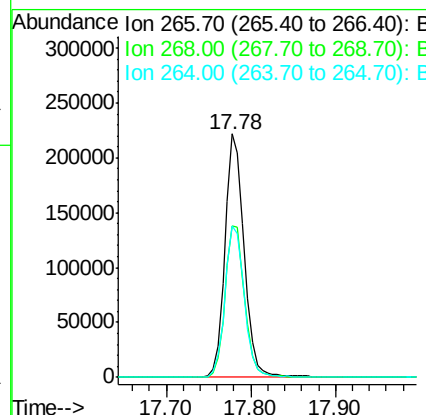
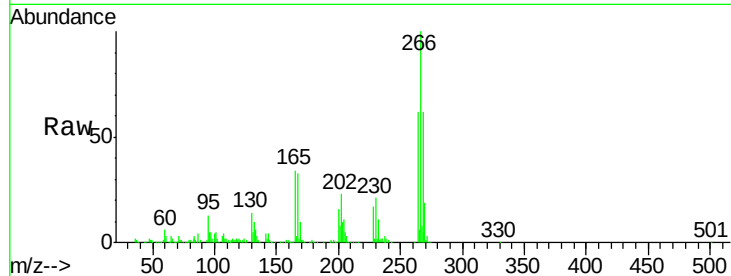




#69
 Pentachlorophenol
 Concen: 76.840 ng
 RT: 17.78 min Scan# 2466
 Delta R.T. -0.02 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

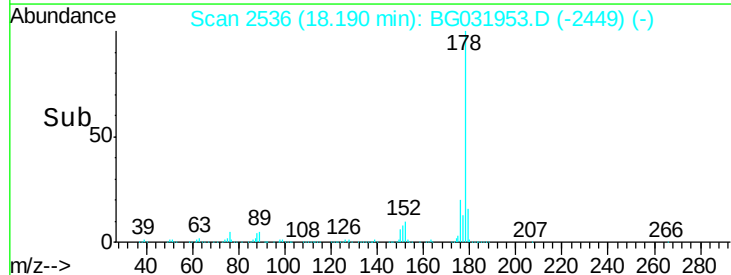
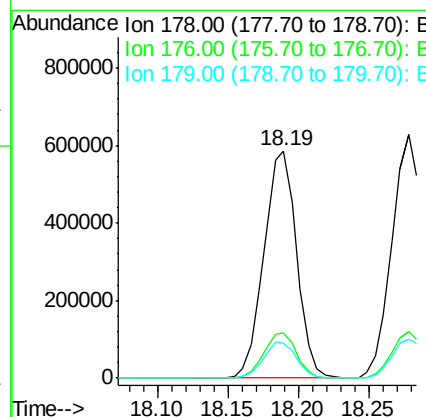
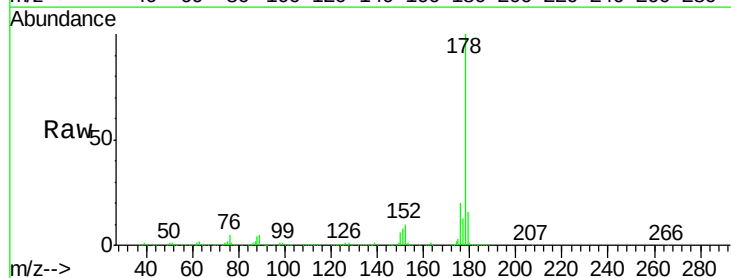
Instrument :
 BNA_G
 ClientSampled :

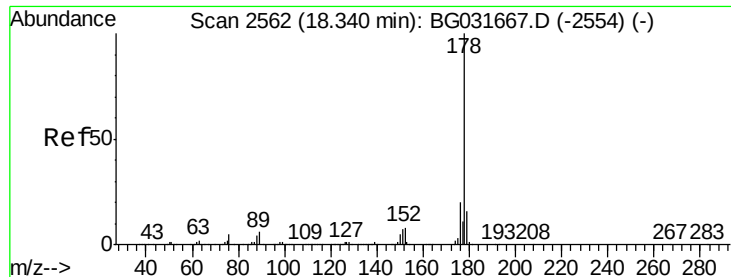
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	62.1	49.6	74.4



#70
 Phenanthrene
 Concen: 37.624 ng
 RT: 18.19 min Scan# 2536
 Delta R.T. -0.02 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.7	12.5	18.7





#71

Anthracene

Concen: 38.459 ng

RT: 18.28 min Scan# 2551

Delta R.T. -0.02 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampleId :

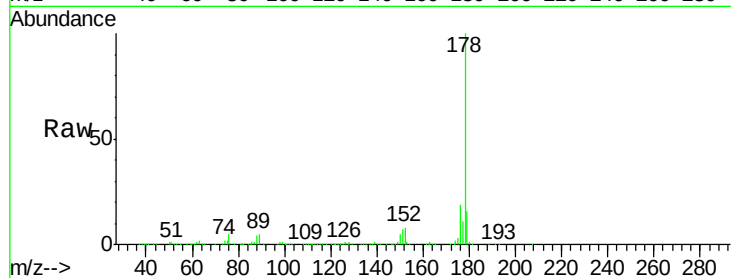
Tot Ion:178 Resp: 982146

Ion Ratio Lower Upper

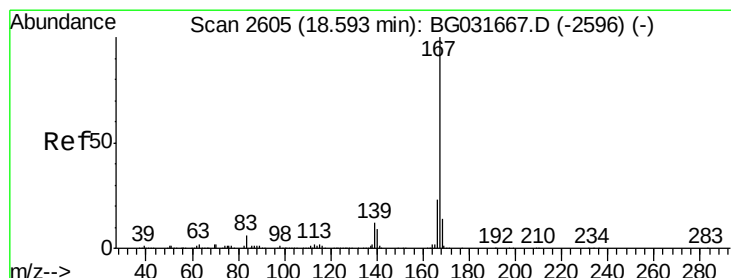
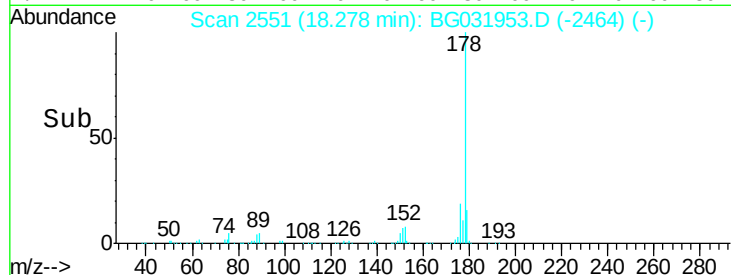
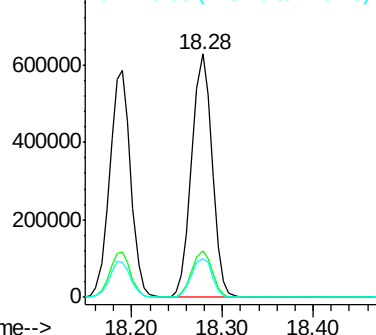
178 100

176 19.2 16.0 24.0

179 16.1 12.5 18.7



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



#72

Carbazole

Concen: 38.279 ng

RT: 18.53 min Scan# 2594

Delta R.T. -0.02 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

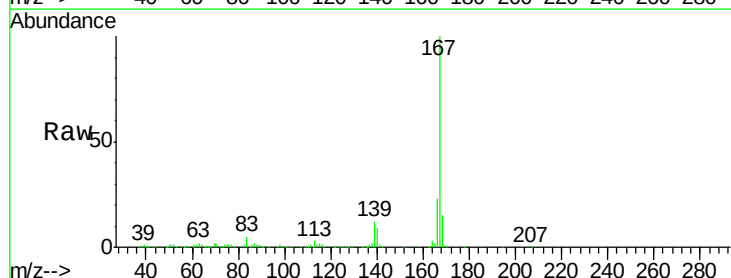
Tgt Ion:167 Resp: 865219

Ion Ratio Lower Upper

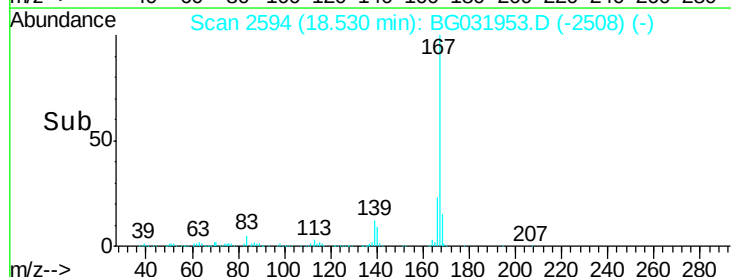
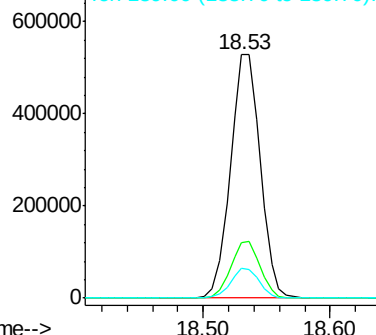
167 100

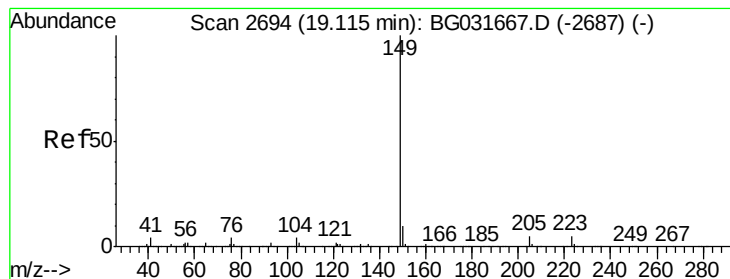
166 23.0 18.2 27.4

139 12.2 9.4 14.2



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





#73

Di-n-butylphthalate

Concen: 37.392 ng

RT: 19.04 min Scan# 2681

Delta R.T. -0.02 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampleId :

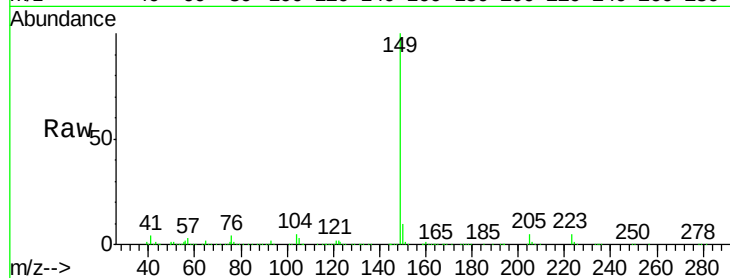
Tot Ion:149 Resp: 939248

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

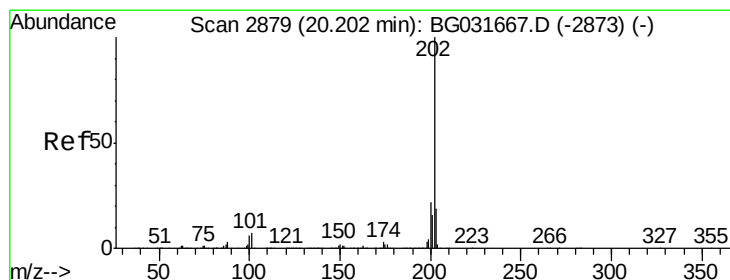
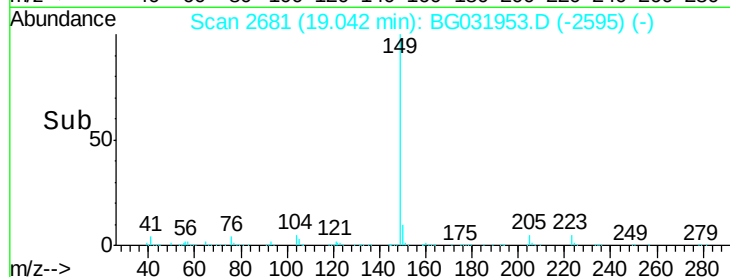
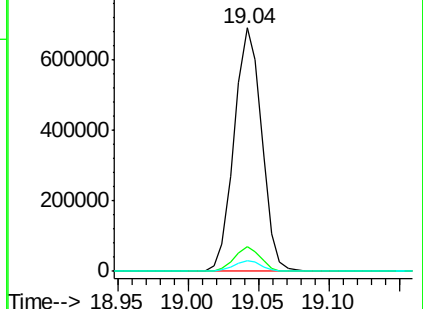
104 4.6 3.9 5.9



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: 38.330 ng

RT: 20.15 min Scan# 2869

Delta R.T. -0.02 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

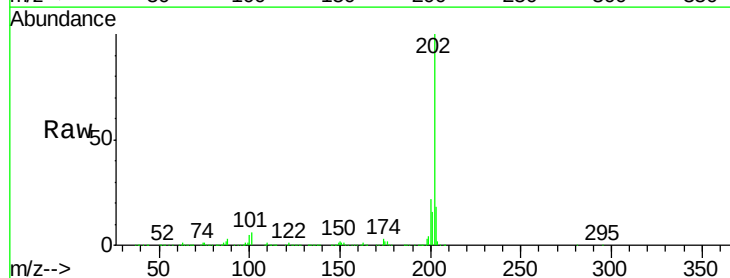
Tgt Ion:202 Resp: 1190648

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.9

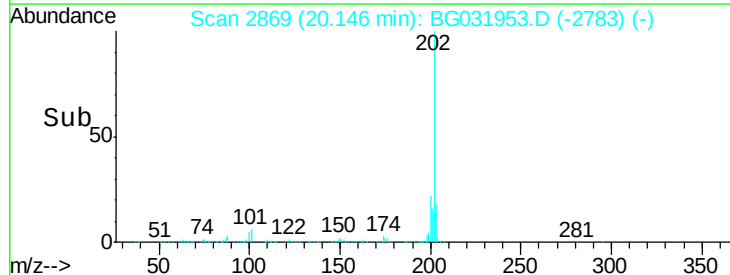
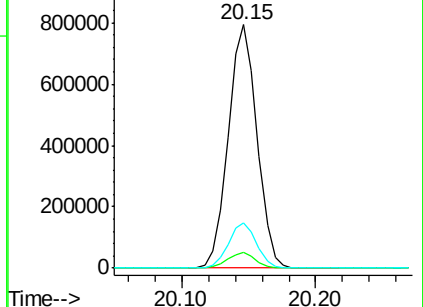
203 18.4 0.0 37.5

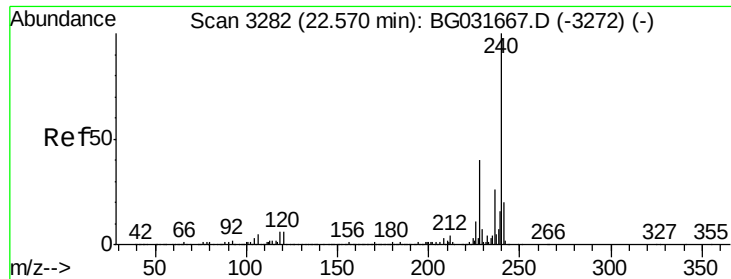


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

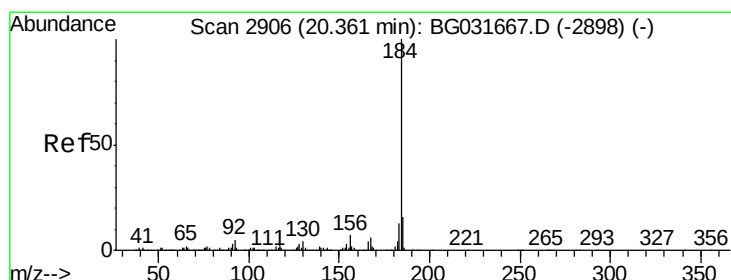
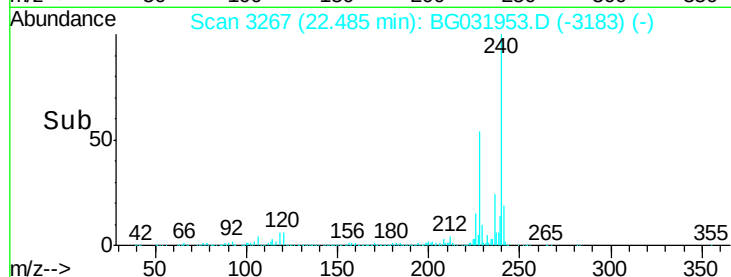
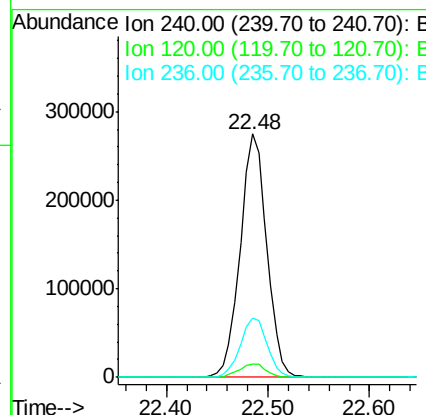
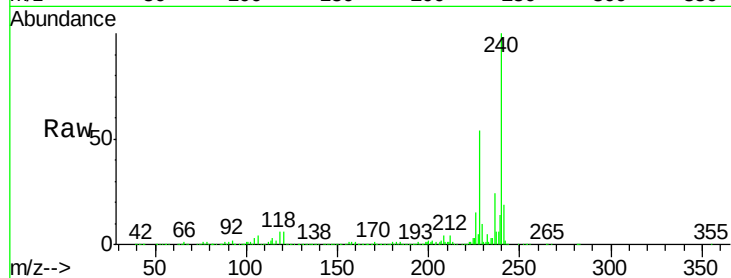




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. -0.04 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

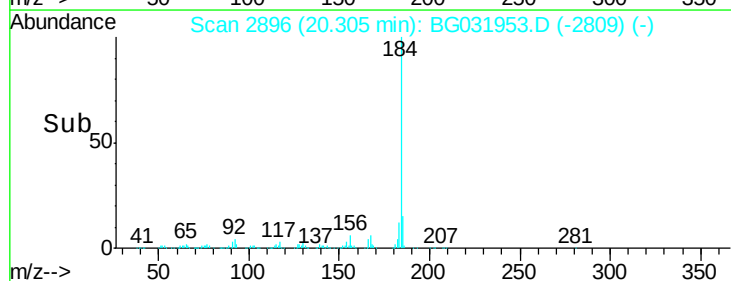
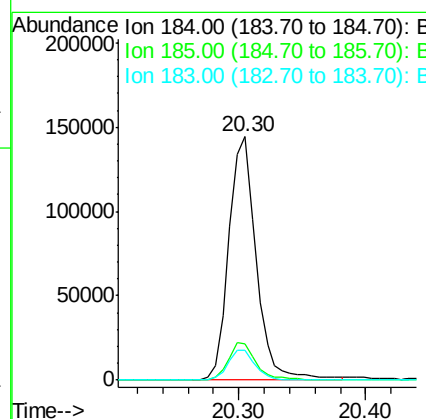
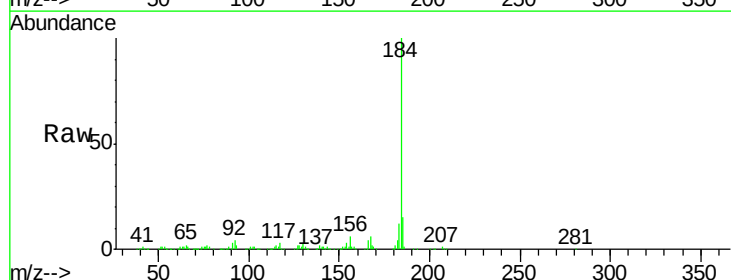
Instrument :
 BNA_G
 ClientSampleId :

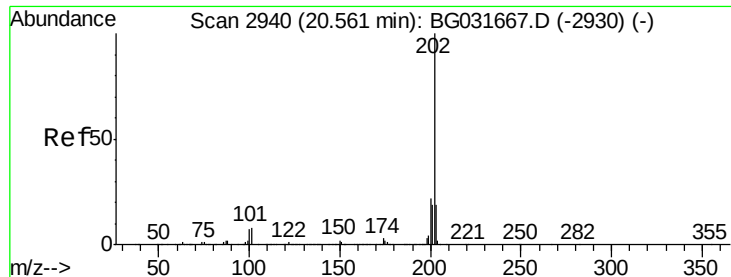
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	24.4	20.9	31.3



#76
 Benzidine
 Concen: 14.074 ng
 RT: 20.30 min Scan# 2896
 Delta R.T. -0.02 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	12.5	10.6	16.0

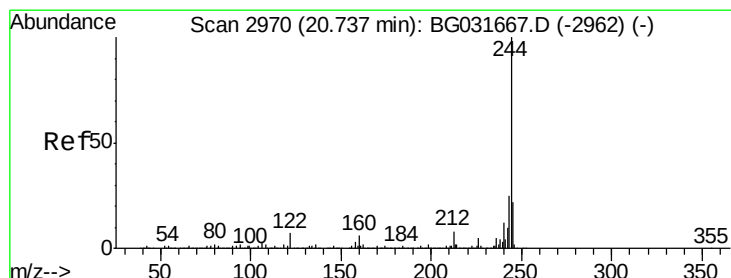
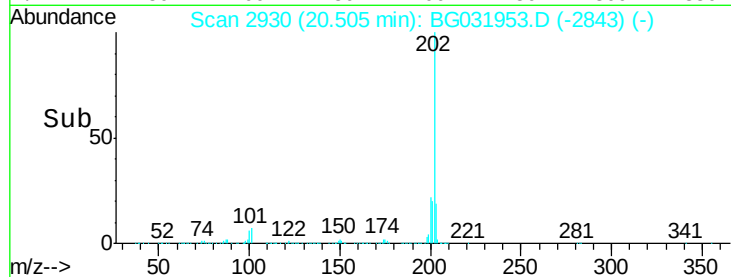
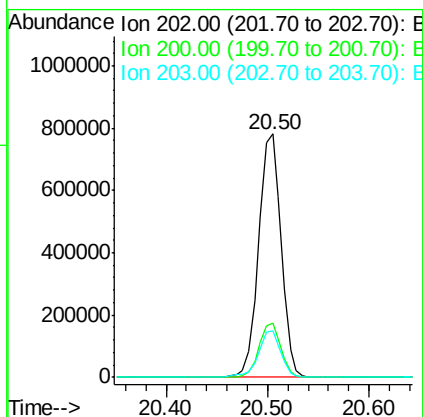
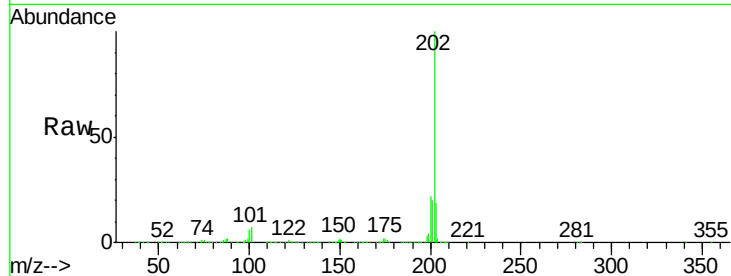




#77
Pvrene
Concen: 37.662 ng
RT: 20.50 min Scan# 2930
Delta R.T. -0.02 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

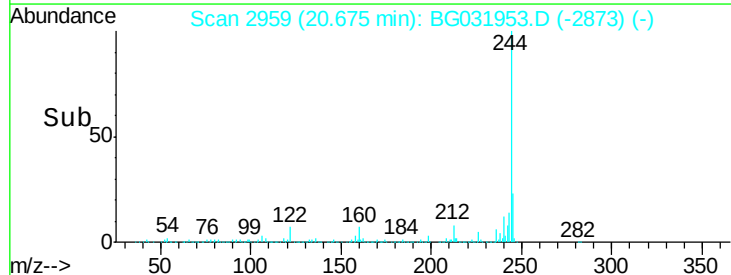
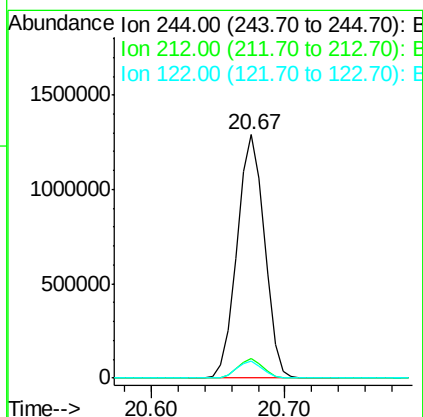
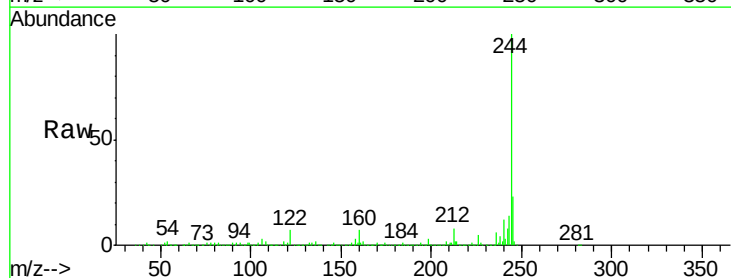
Instrument :
BNA_G
ClientSampleId :

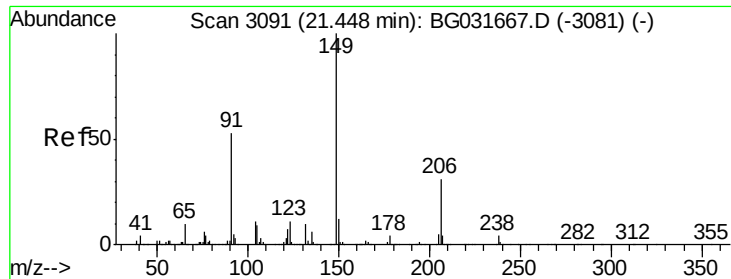
Tot Ion:202 Resp: 1199084
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 19.0 13.9 20.9



#78
Terphenyl-d14
Concen: 84.074 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.02 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion:244 Resp: 1834166
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.8
122 7.2 7.0 10.4

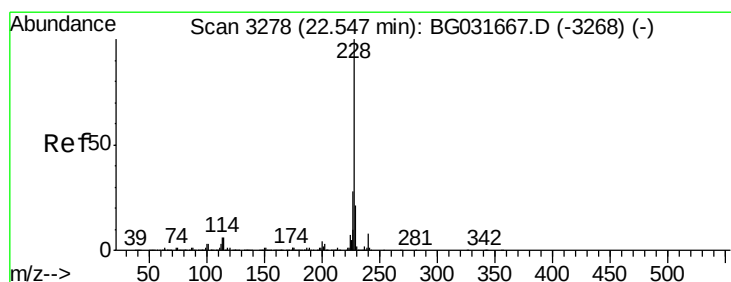
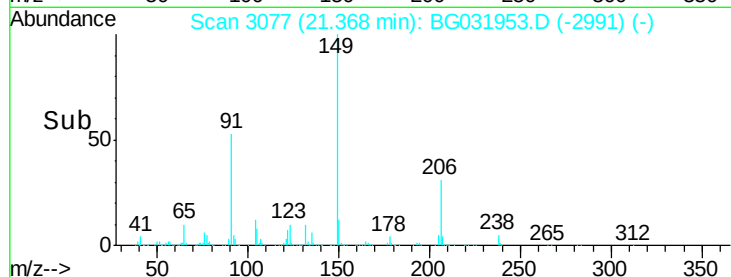
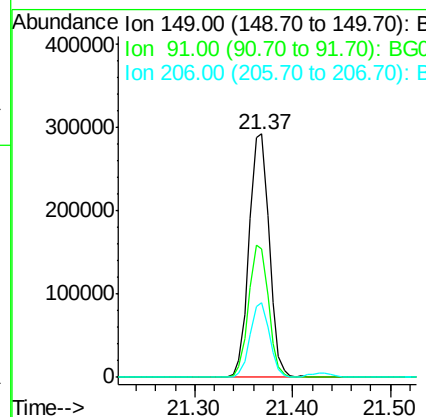
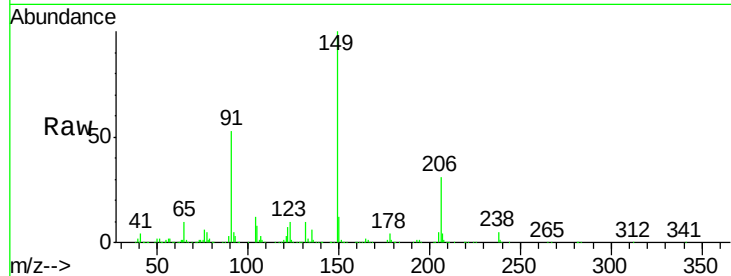




#79
Butylbenzylphthalate
Concen: 39.578 ng
RT: 21.37 min Scan# 3077
Delta R.T. -0.02 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

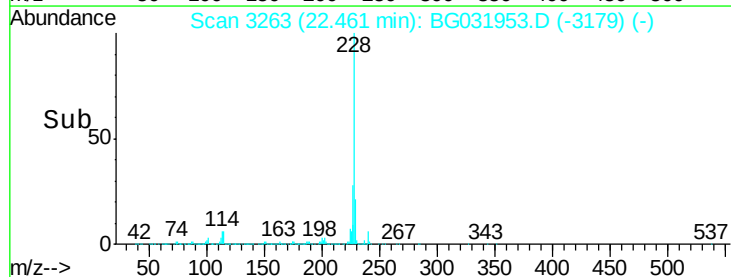
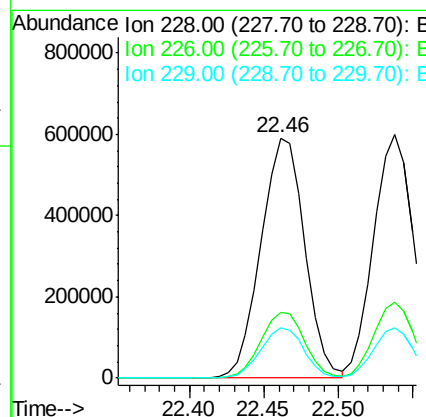
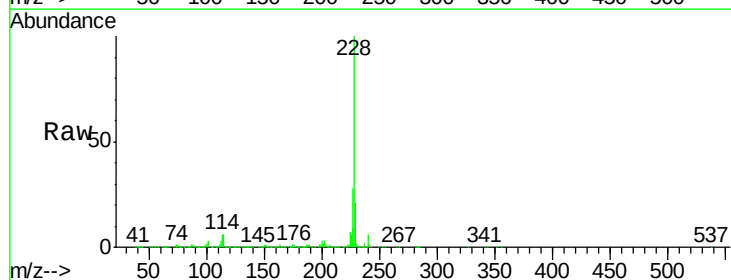
Instrument :
BNA_G
ClientSampleId :

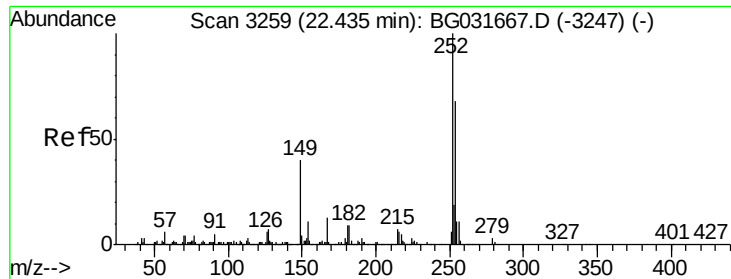
Tot Ion	Ratio	Lower	Upper
149	100		
91	52.8	62.2	93.2#
206	30.7	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 37.992 ng
RT: 22.46 min Scan# 3263
Delta R.T. -0.04 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	20.7	16.2	24.2

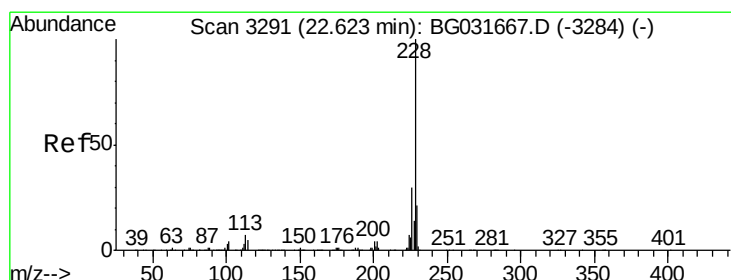
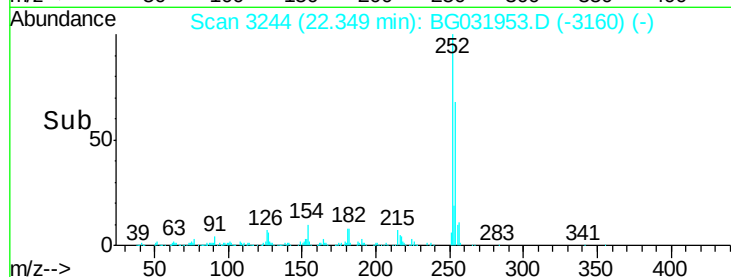
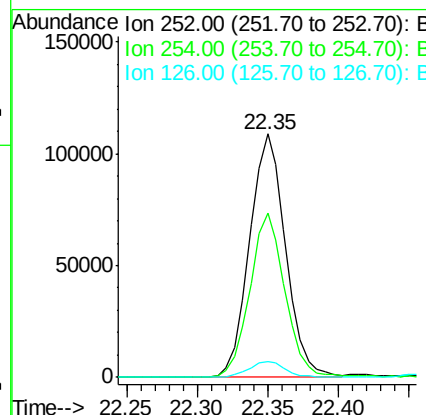
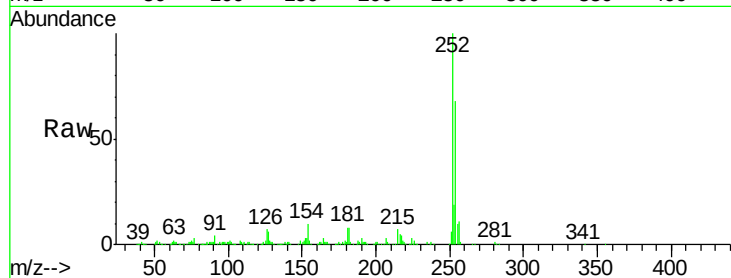




#81
 3,3'-Dichlorobenzidine
 Concen: 15.825 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. -0.04 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

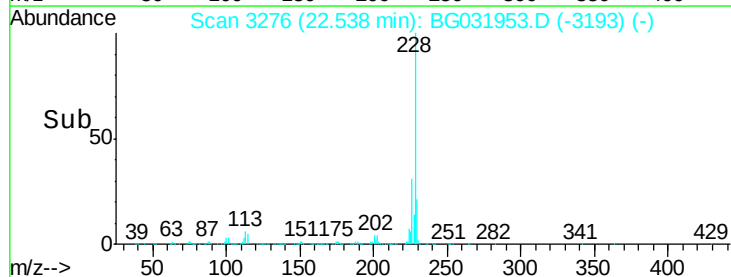
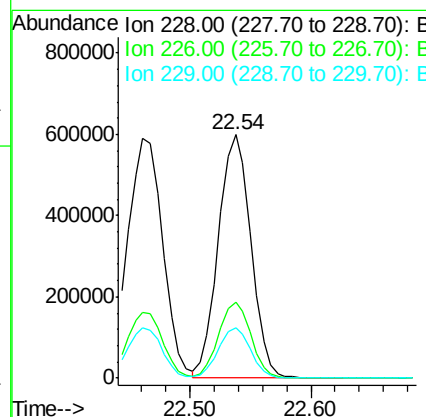
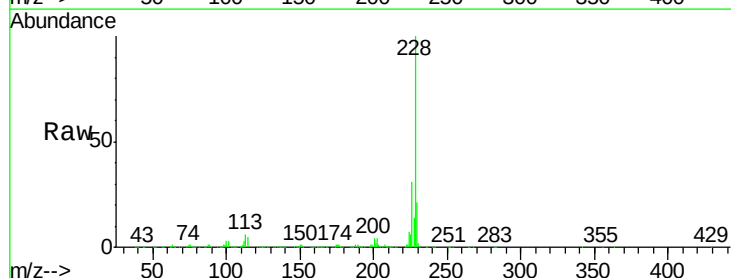
Instrument :
 BNA_G
 ClientSampleId :

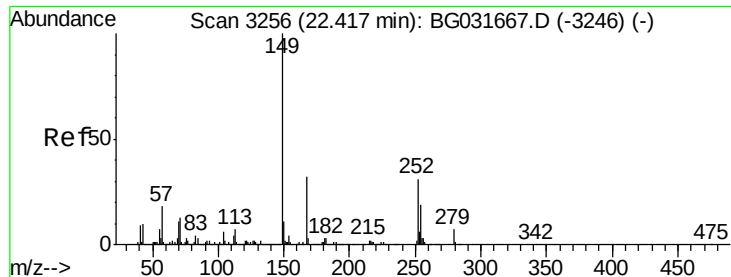
Tot Ion:252 Resp: 194526
 Ion Ratio Lower Upper
 252 100
 254 67.6 50.8 76.2
 126 6.5 7.4 11.2#



#82
 Chrysene
 Concen: 37.122 ng
 RT: 22.54 min Scan# 3276
 Delta R.T. -0.04 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

Tgt Ion:228 Resp: 1113601
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 20.6 15.0 22.4

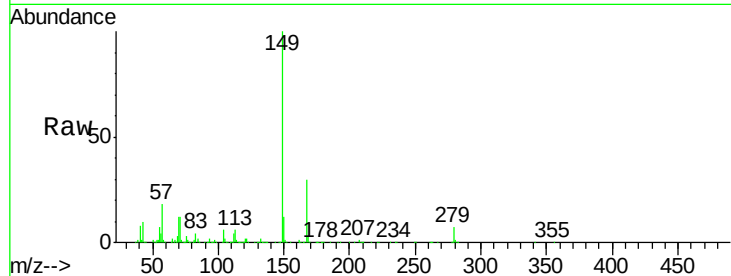




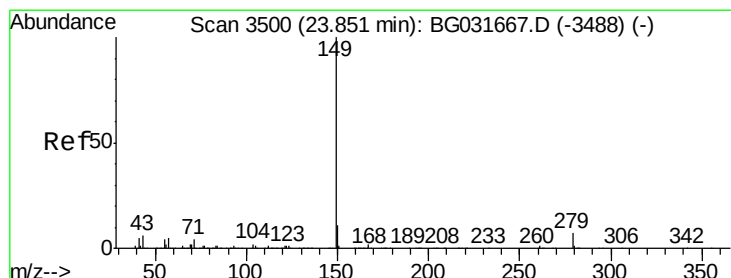
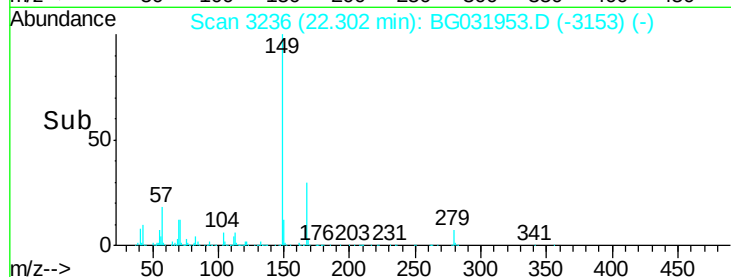
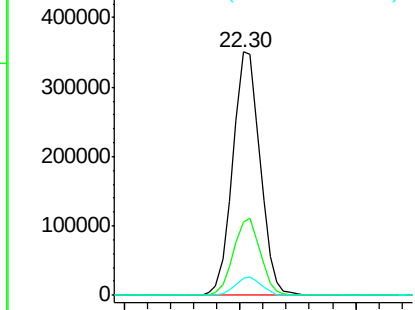
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.249 ng
 RT: 22.30 min Scan# 3236
 Delta R.T. -0.04 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 576780
 Ion Ratio Lower Upper
 149 100
 167 30.0 24.3 36.5
 279 7.2 4.0 6.0#

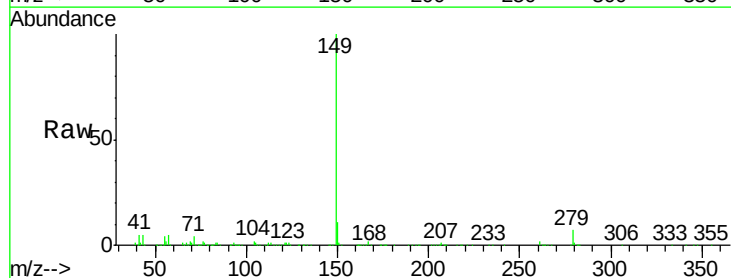


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

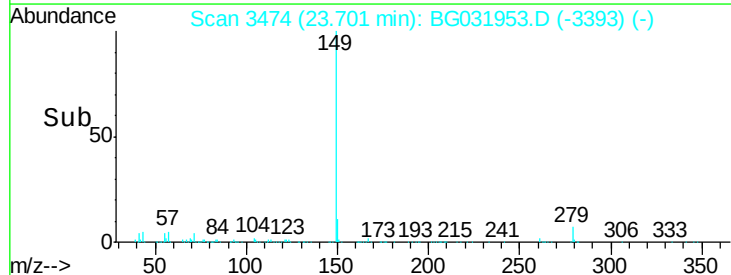
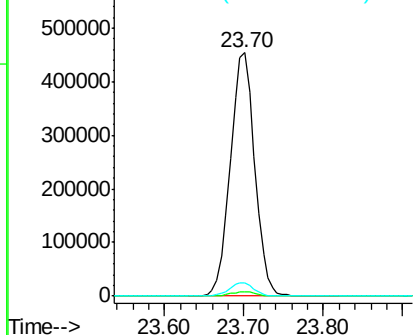


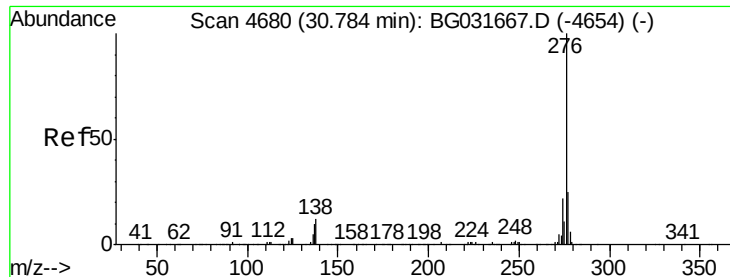
#84
 Di-n-octyl phthalate
 Concen: 37.034 ng
 RT: 23.70 min Scan# 3474
 Delta R.T. -0.05 min
 Lab File: BG031953.D
 Acq: 9 Jan 2018 19:34

Tgt Ion:149 Resp: 965777
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 5.5 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.091 ng

RT: 30.53 min Scan# 4637

Delta R.T. -0.15 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

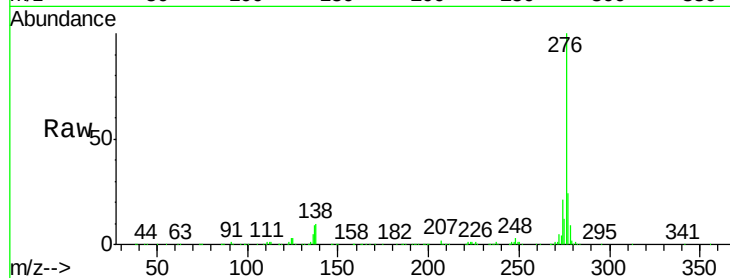
Instrument :

BNA_G

ClientSampled :

Tot Ion:276 Resp: 1427459

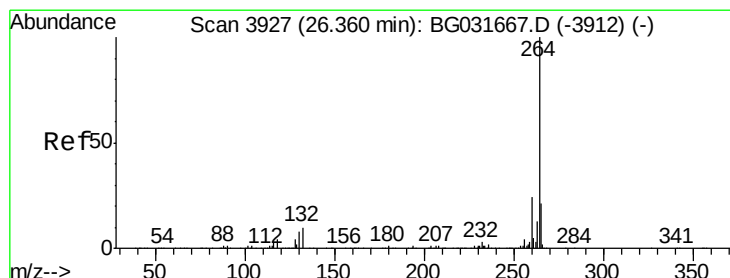
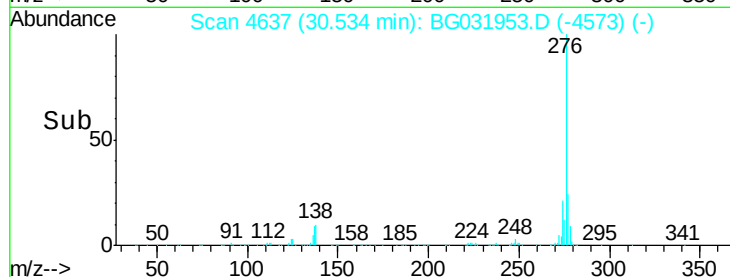
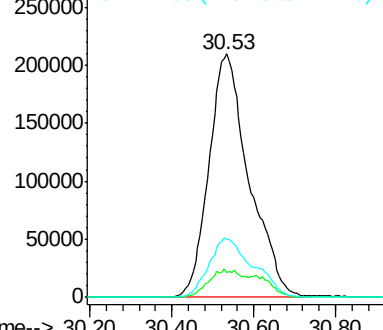
Ion	Ratio	Lower	Upper
276	100		
138	9.9	16.0	24.0#
277	26.6	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.21 min Scan# 3901

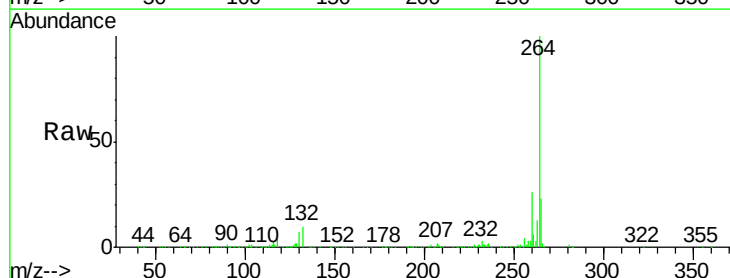
Delta R.T. -0.09 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Tgt Ion:264 Resp: 519417

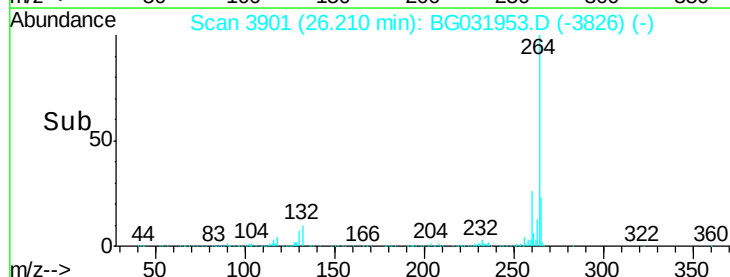
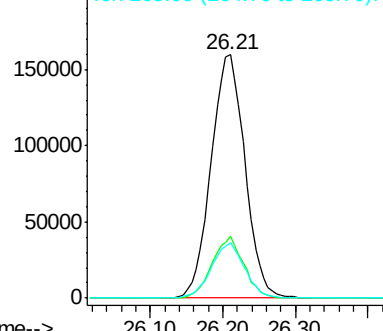
Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.4	26.0
265	22.5	17.7	26.5

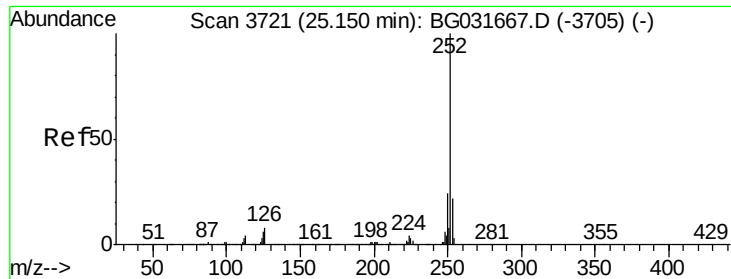


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

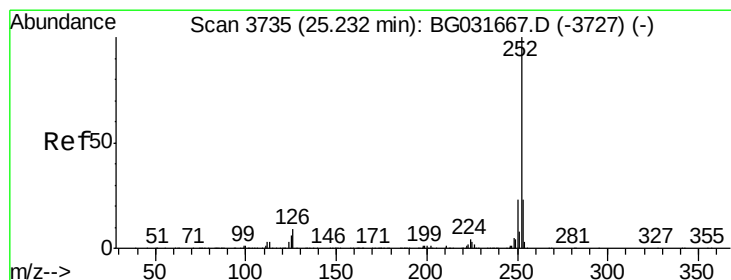
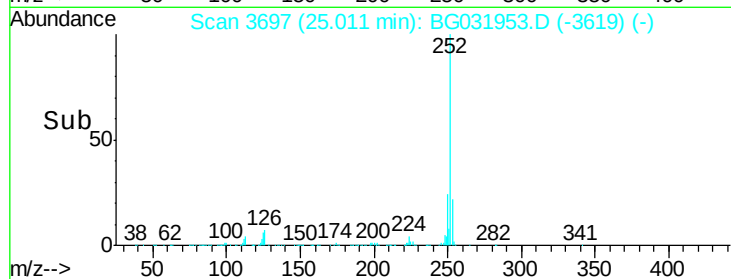
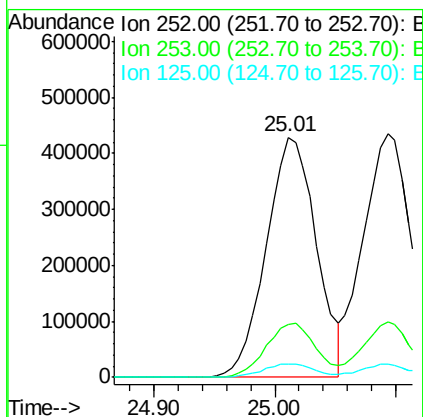
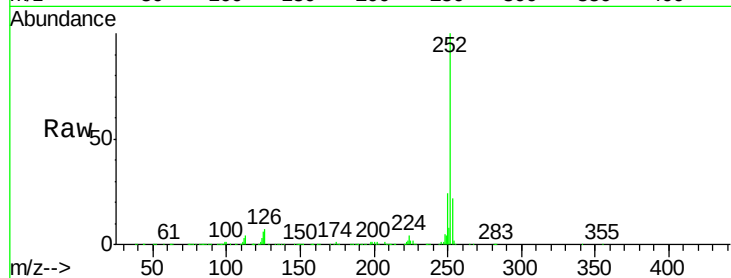




#87
Benzo(b)fluoranthene
Concen: 38.197 ng
RT: 25.01 min Scan# 3697
Delta R.T. -0.07 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

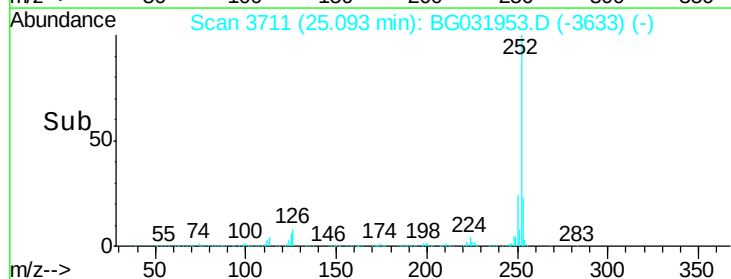
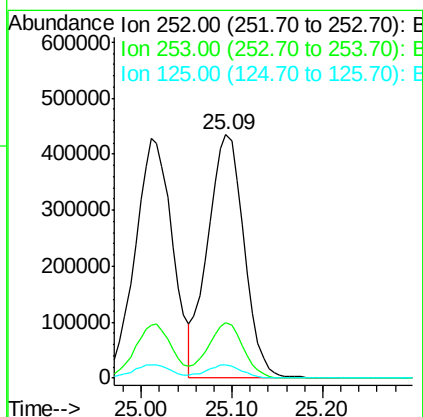
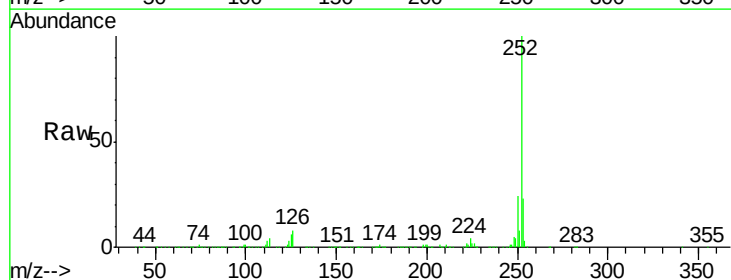
Instrument :
BNA_G
ClientSampled :

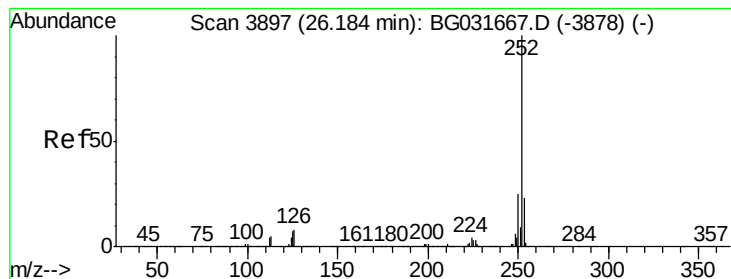
Tot Ion:252 Resp: 1231557
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 5.5 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 37.379 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.07 min
Lab File: BG031953.D
Acq: 9 Jan 2018 19:34

Tgt Ion:252 Resp: 1206130
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 5.7 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 38.631 ng

RT: 26.03 min Scan# 3871

Delta R.T. -0.08 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampleId :

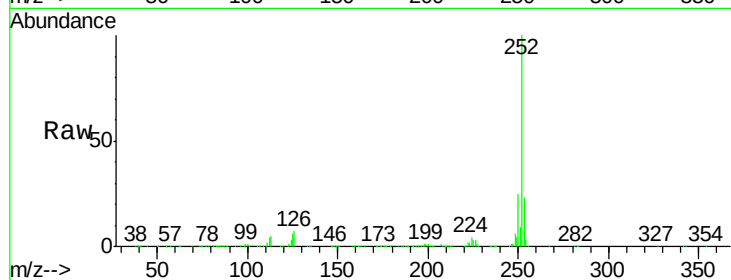
Tot Ion:252 Resp: 1192897

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	5.7	7.3	10.9

252 100

253 22.7 18.3 27.5

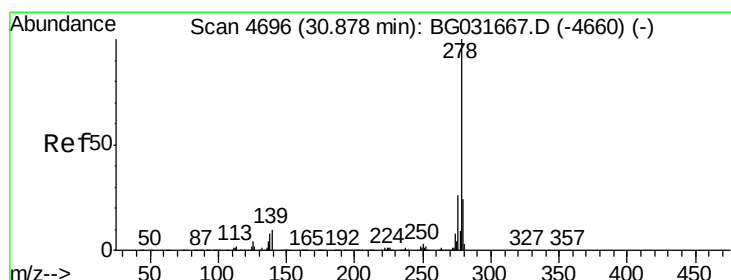
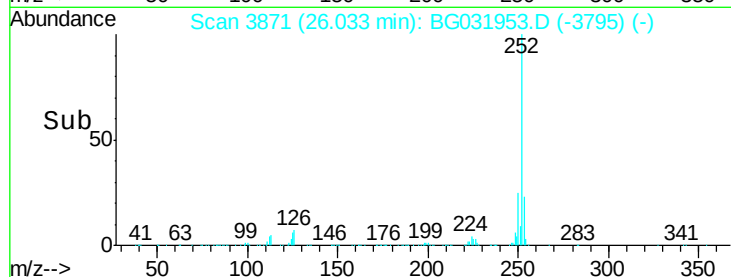
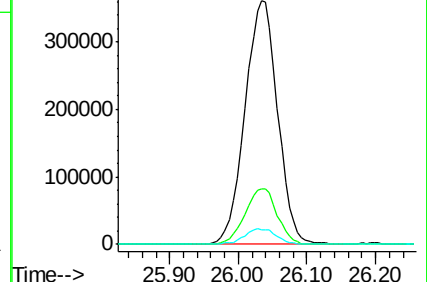
125 5.7 7.3 10.9



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: 37.309 ng

RT: 30.61 min Scan# 4650

Delta R.T. -0.16 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

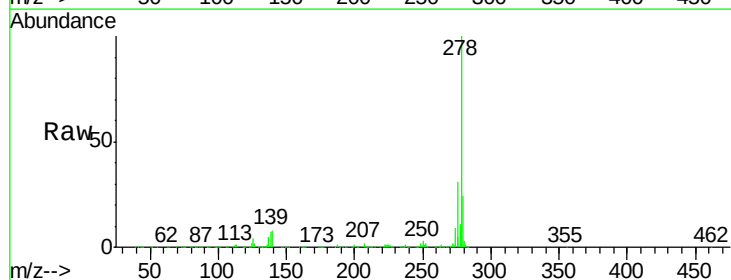
Tgt Ion:278 Resp: 1189860

Ion	Ratio	Lower	Upper
278	100		
139	8.4	9.8	14.6
279	24.0	18.4	27.6

278 100

139 8.4 9.8 14.6

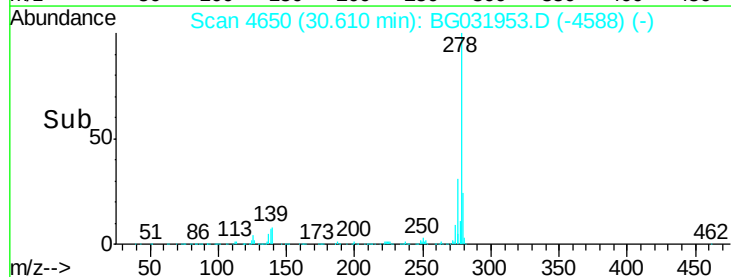
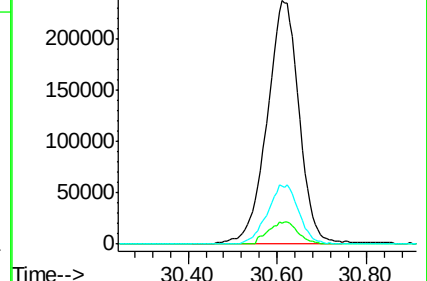
279 24.0 18.4 27.6

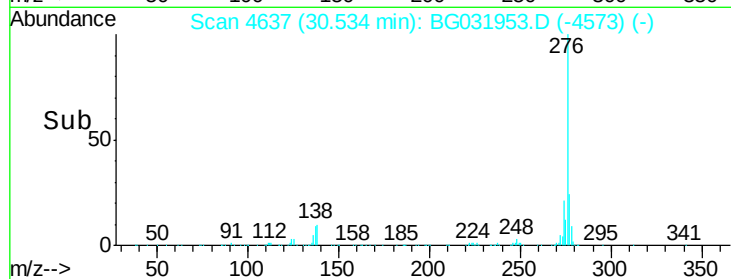
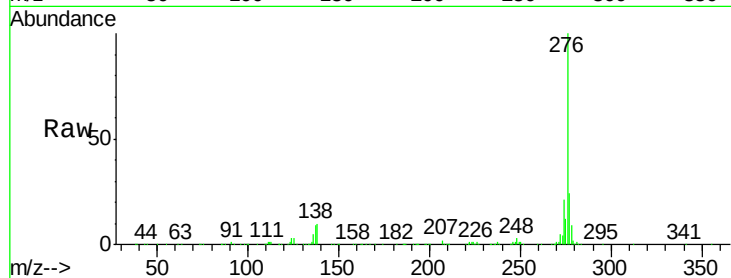
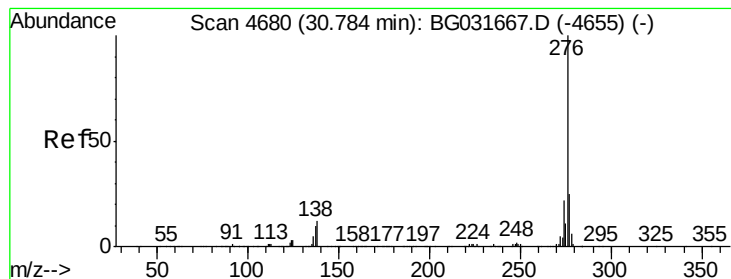


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.911 ng

RT: 30.53 min Scan# 4637

Delta R.T. -0.15 min

Lab File: BG031953.D

Acq: 9 Jan 2018 19:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1427459

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.3	27.5
138	10.4	13.9	20.9

276 100

277 23.7 18.3 27.5

138 10.4 13.9 20.9

