

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
 Data File : BG033017.D
 Acq On : 6 Mar 2018 11:50
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 06 17:39:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	49705	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	242402	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	145792	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	327466	20.00	ng	0.00
75) Chrysene-d12	22.61	240	295168	20.00	ng	0.00
86) Perylene-d12	26.41	264	320142	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	240442	77.39	ng	0.00
7) Phenol-d6	8.01	99	345193	79.71	ng	0.00
23) Nitrobenzene-d5	10.11	82	316182	89.87	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	124121	80.97	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	711623	70.40	ng	0.00
78) Terphenyl-d14	20.77	244	921540	70.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.97	88	50077	37.139	ng	94
3) Pyridine	4.43	79	149762	40.298	ng	95
4) n-Nitrosodimethylamine	4.33	42	66847	44.864	ng	# 83
6) Aniline	8.20	93	220782	37.664	ng	97
8) 2-Chlorophenol	8.45	128	131235	38.592	ng	95
9) Benzaldehyde	8.01	77	100755	40.369	ng	96
10) Phenol	8.03	94	174969	40.081	ng	96
11) bis(2-Chloroethyl)ether	8.29	93	130002	36.419	ng	99
12) 1,3-Dichlorobenzene	8.80	146	145417	36.509	ng	97
13) 1,4-Dichlorobenzene	8.95	146	146177	36.460	ng	98
14) 1,2-Dichlorobenzene	9.28	146	141540	36.841	ng	98
15) Benzyl Alcohol	9.14	79	127075	39.915	ng	88
16) 2,2'-oxybis(1-Chloropropan	9.44	45	257406	41.947	ng	99
17) 2-Methylphenol	9.34	107	125903	39.112	ng	96
18) Hexachloroethane	10.04	117	52469	38.437	ng	# 83
19) n-Nitroso-di-n-propylamine	9.72	70	119082	38.951	ng	# 93
20) 3+4-Methylphenols	9.67	107	177891	39.744	ng	95
22) Acetophenone	9.75	105	221631	36.203	ng	# 98
24) Nitrobenzene	10.15	77	164921	43.372	ng	94
25) Isophorone	10.68	82	312289	36.705	ng	97
26) 2-Nitrophenol	10.88	139	76635	53.803	ng	97
27) 2,4-Dimethylphenol	10.91	122	134024	36.261	ng	92
28) bis(2-Chloroethoxy)methane	11.15	93	174930	35.293	ng	95
29) 2,4-Dichlorophenol	11.42	162	127804	38.099	ng	95
30) 1,2,4-Trichlorobenzene	11.65	180	138662	35.263	ng	98
31) Naphthalene	11.85	128	456557	36.045	ng	99
32) Benzoic acid	11.00	122	91829	42.266	ng	# 79
33) 4-Chloroaniline	11.93	127	209537	36.998	ng	97
34) Hexachlorobutadiene	12.11	225	76904	34.867	ng	98
35) Caprolactam	12.68	113	55563	41.367	ng	96
36) 4-Chloro-3-methylphenol	13.00	107	163007	41.757	ng	92
37) 2-Methylnaphthalene	13.40	142	335890	36.654	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	151571	35.022	ng	# 97
40) Hexachlorocyclopentadiene	13.72	237	76386	34.632	ng	90

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 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 06 17:39:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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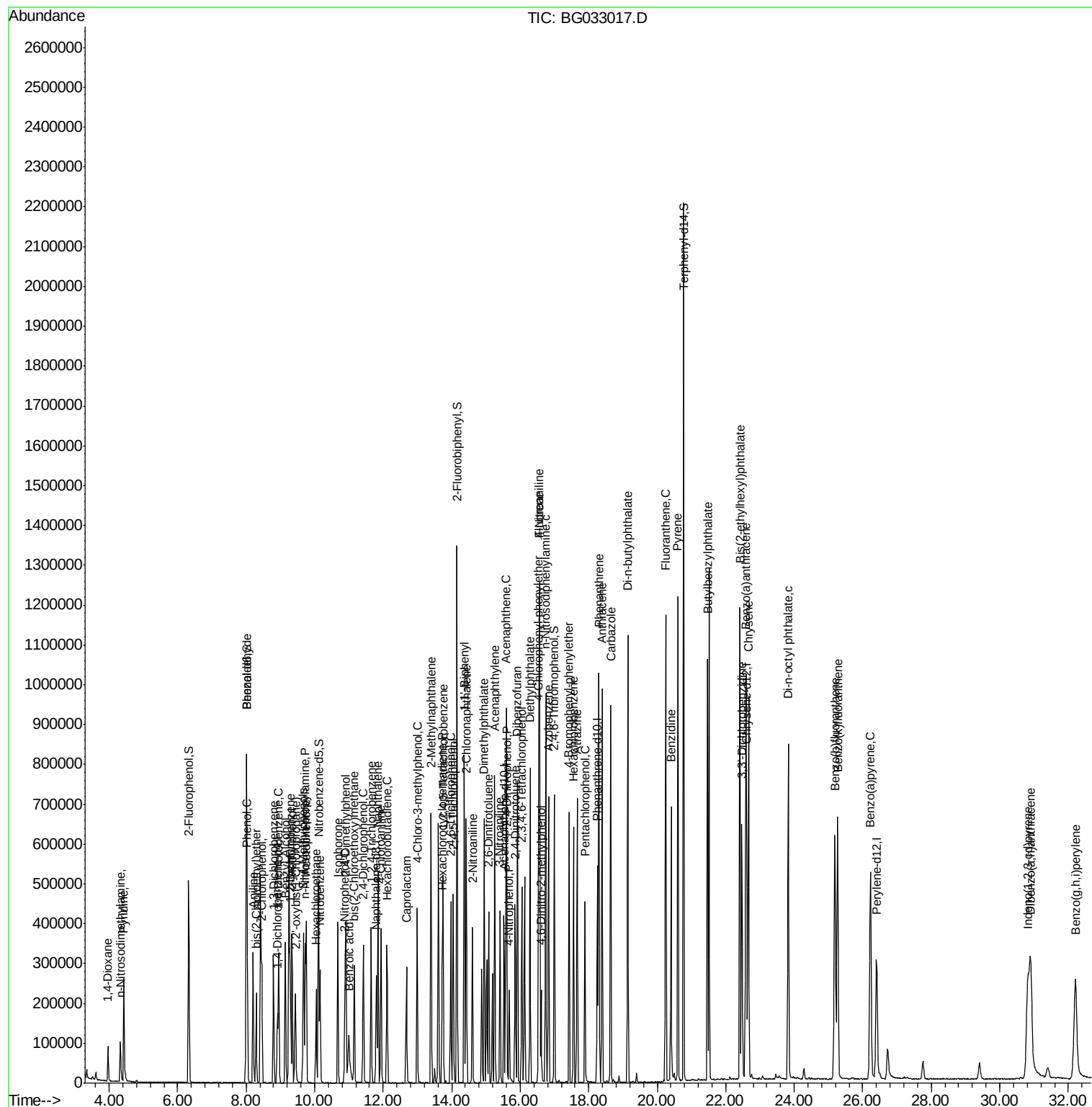
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	105733	38.740	nq	98
43) 2,4,5-Trichlorophenol	14.04	196	122872	38.897	nq	# 96
45) 1,1'-Biphenyl	14.37	154	445141	34.941	nq	95
46) 2-Chloronaphthalene	14.42	162	334707	35.170	nq	98
47) 2-Nitroaniline	14.61	65	123701	50.815	nq	93
48) Acenaphthylene	15.26	152	562968	36.132	nq	99
49) Dimethylphthalate	14.95	163	449704	36.328	nq	99
50) 2,6-Dinitrotoluene	15.08	165	95960	47.050	nq	91
51) Acenaphthene	15.59	154	354041	36.486	nq	99
52) 3-Nitroaniline	15.41	138	110660	44.339	nq	# 89
53) 2,4-Dinitrophenol	15.61	184	25821	47.799	nq	# 1
54) Dibenzofuran	15.92	168	500927	36.255	nq	94
55) 4-Nitrophenol	15.67	139	65048	36.329	nq	82
56) 2,4-Dinitrotoluene	15.85	165	133826	54.092	nq	# 89
57) Fluorene	16.56	166	414785	36.372	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.04	232	99470	40.558	nq	94
59) Diethylphthalate	16.29	149	477119	36.542	nq	99
60) 4-Chlorophenyl-phenylether	16.53	204	203212	36.427	nq	91
61) 4-Nitroaniline	16.56	138	106002	40.487	nq	87
62) Azobenzene	16.83	77	434467	37.195	nq	97
64) 4,6-Dinitro-2-methylphenol	16.61	198	49112	50.475	nq	94
65) n-Nitrosodiphenylamine	16.74	169	380149	35.685	nq	99
66) 4-Bromophenyl-phenylether	17.43	248	121023	34.951	nq	# 84
67) Hexachlorobenzene	17.55	284	129313	34.558	nq	# 92
68) Atrazine	17.66	200	121282	34.587	nq	96
69) Pentachlorophenol	17.89	266	80067	33.971	nq	96
70) Phenanthrene	18.30	178	653414	35.766	nq	98
71) Anthracene	18.39	178	656776	35.808	nq	99
72) Carbazole	18.64	167	623085	34.465	nq	98
73) Di-n-butylphthalate	19.14	149	794757	35.834	nq	99
74) Fluoranthene	20.24	202	716408	35.499	nq	95
76) Benzidine	20.40	184	402263	39.981	nq	97
77) Pyrene	20.60	202	732697	35.200	nq	98
79) Butylbenzylphthalate	21.47	149	365809	39.638	nq	92
80) Benzo(a)anthracene	22.59	228	684262	36.151	nq	100
81) 3,3'-Dichlorobenzidine	22.47	252	252224	35.980	nq	# 98
82) Chrysene	22.67	228	657647	36.373	nq	99
83) Bis(2-ethylhexyl)phthalate	22.41	149	530889	38.862	nq	95
84) Di-n-octyl phthalate	23.82	149	843753	40.521	nq	99
85) Indeno(1,2,3-cd)pyrene	30.82	276	723138	34.294	nq	100
87) Benzo(b)fluoranthene	25.19	252	681934	36.026	nq	# 97
88) Benzo(k)fluoranthene	25.27	252	666167	35.411	nq	# 95
89) Benzo(a)pyrene	26.23	252	644155	35.778	nq	# 95
90) Dibenzo(a,h)anthracene	30.91	278	584717	32.265	nq	# 93
91) Benzo(g,h,i)perylene	32.21	276	580314	32.484	nq	# 92

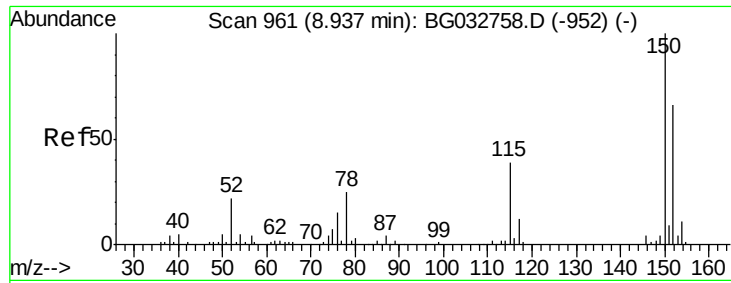
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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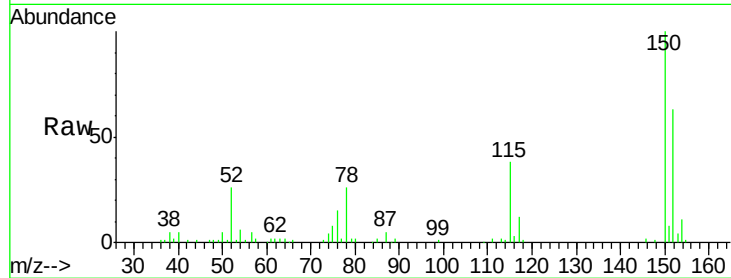


#1

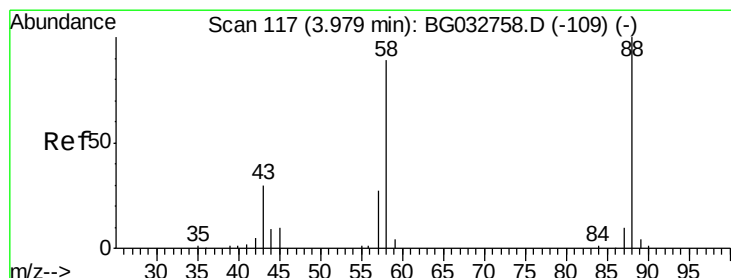
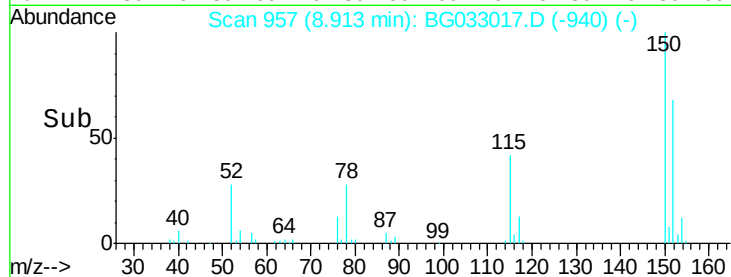
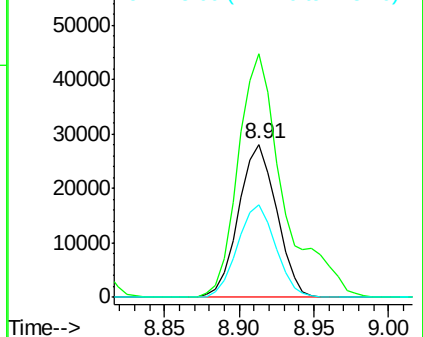
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 49705
Ion Ratio Lower Upper
152 100
150 159.3 126.6 189.8
115 61.0 53.0 79.4



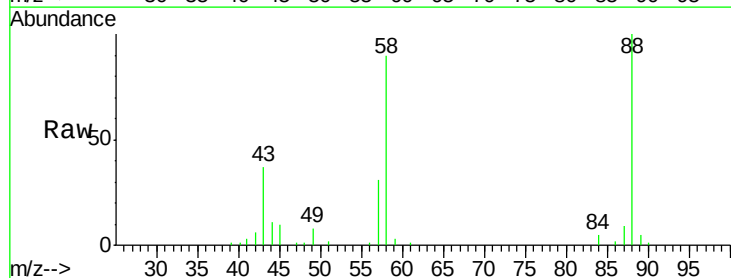
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



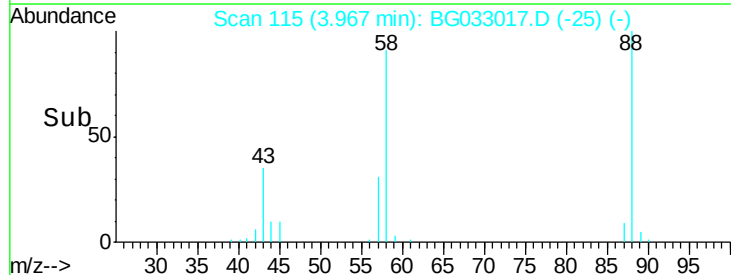
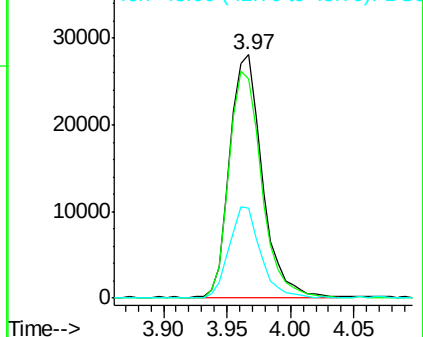
#2

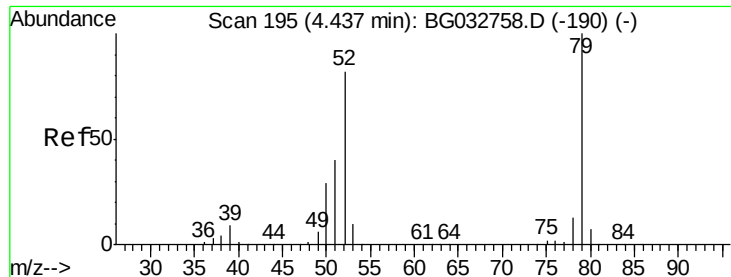
1,4-Dioxane
Concen: 37.139 ng
RT: 3.97 min Scan# 115
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion: 88 Resp: 50077
Ion Ratio Lower Upper
88 100
58 92.9 79.6 119.4
43 36.0 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: 40.298 ng

RT: 4.43 min Scan# 193

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampled :

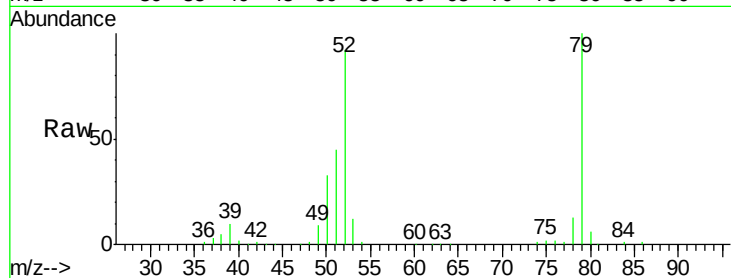
Tot Ion: 79 Resp: 149762

Ion Ratio Lower Upper

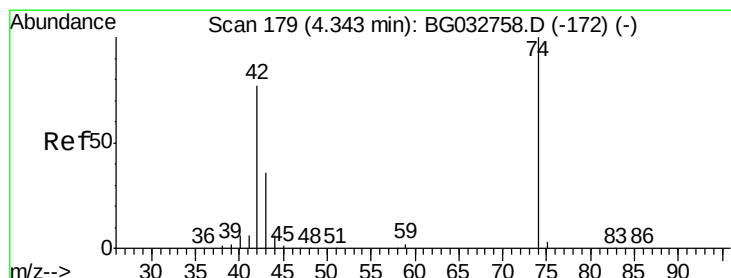
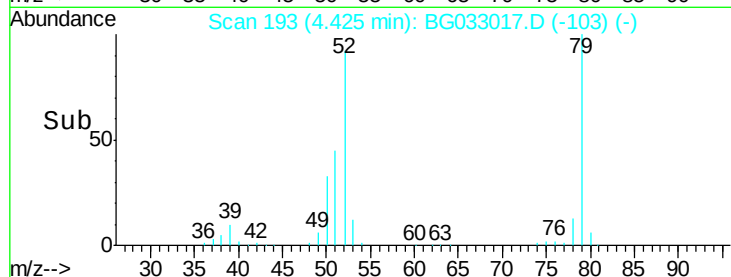
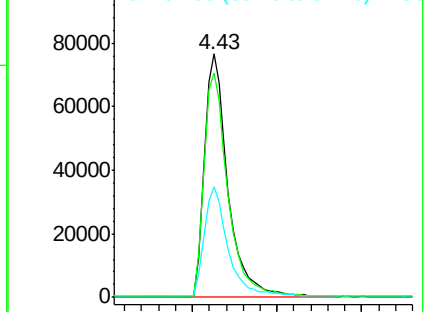
79 100

52 92.3 69.9 104.9

51 45.4 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: 44.864 ng

RT: 4.33 min Scan# 176

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

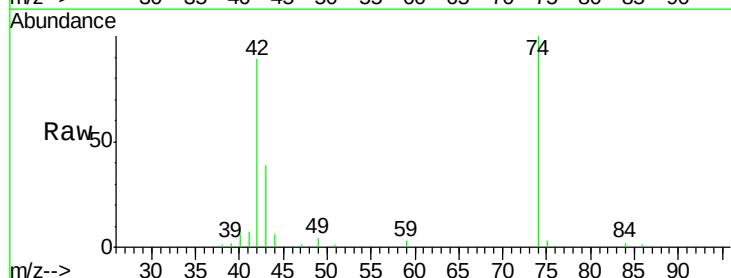
Tgt Ion: 42 Resp: 66847

Ion Ratio Lower Upper

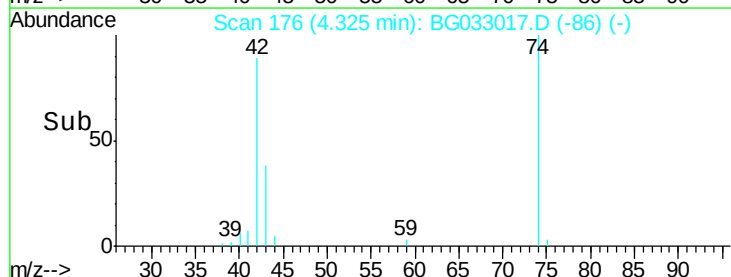
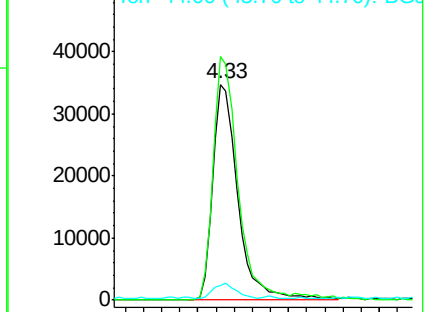
42 100

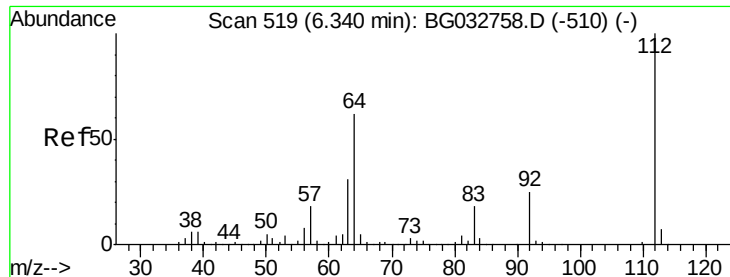
74 112.7 102.5 153.7

44 6.5 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: 77.391 ng

RT: 6.32 min Scan# 516

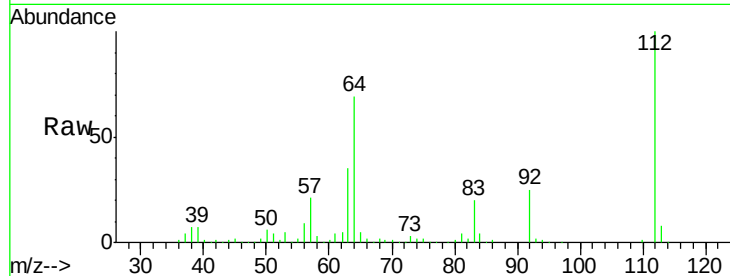
Delta R.T. 0.00 min

Lab File: BG033017.D

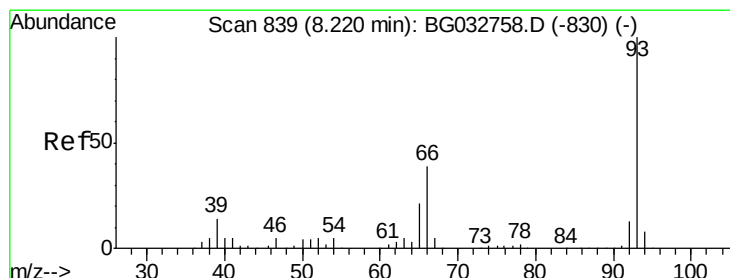
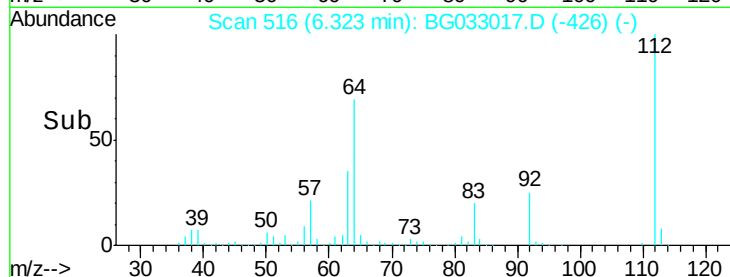
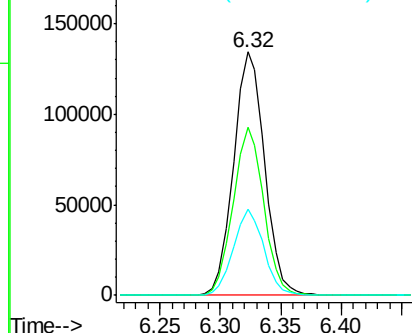
Acq: 6 Mar 2018 11:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	112	Resp:	240442
Ion	Ratio	Lower	Upper
112	100		
64	68.9	56.3	84.5
63	35.2	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.664 ng

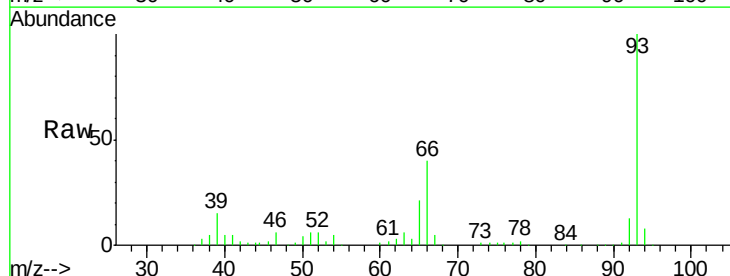
RT: 8.20 min Scan# 836

Delta R.T. 0.00 min

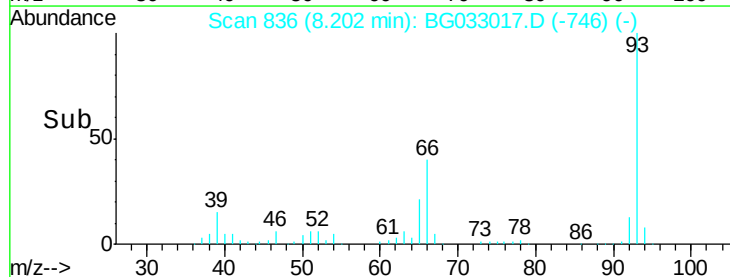
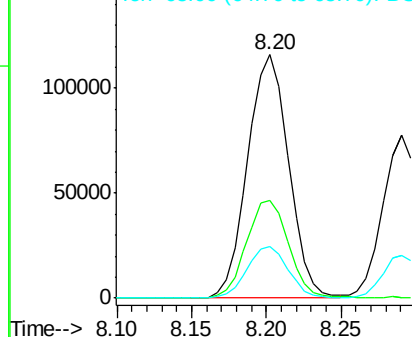
Lab File: BG033017.D

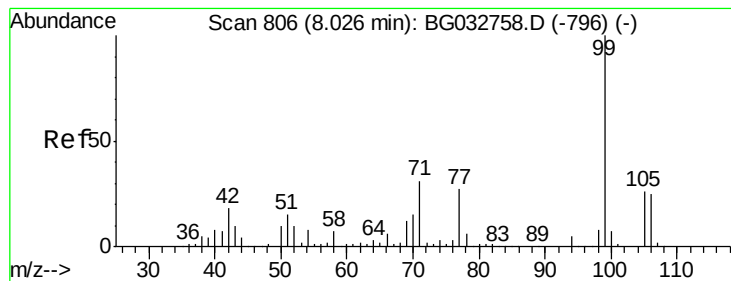
Acq: 6 Mar 2018 11:50

Tgt Ion:	93	Resp:	220782
Ion	Ratio	Lower	Upper
93	100		
66	40.4	33.7	50.5
65	21.1	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.712 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampled :

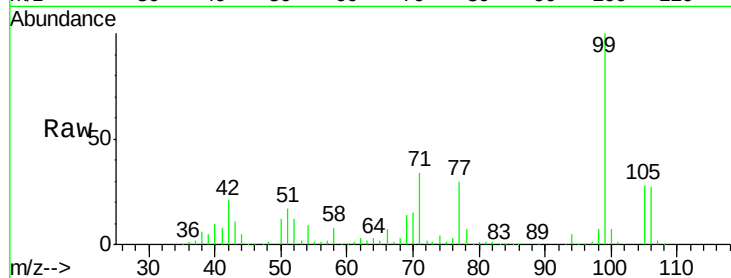
Tot Ion: 99 Resp: 345193

Ion Ratio Lower Upper

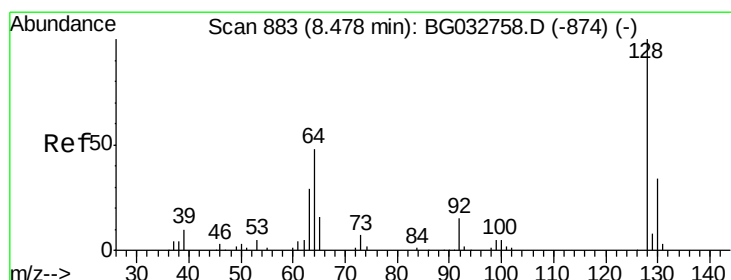
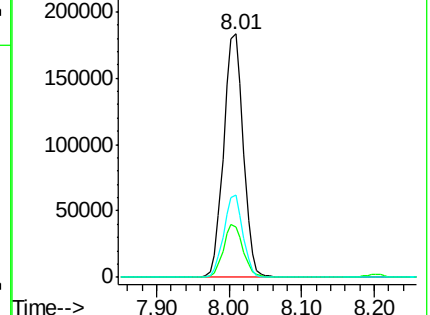
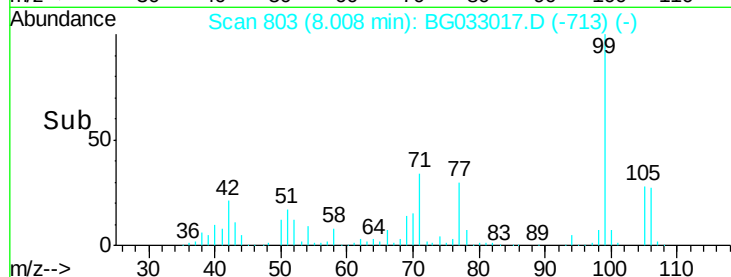
99 100

42 20.8 14.1 21.1

71 33.6 26.1 39.1



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



#8

2-Chlorophenol

Concen: 38.592 ng

RT: 8.45 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

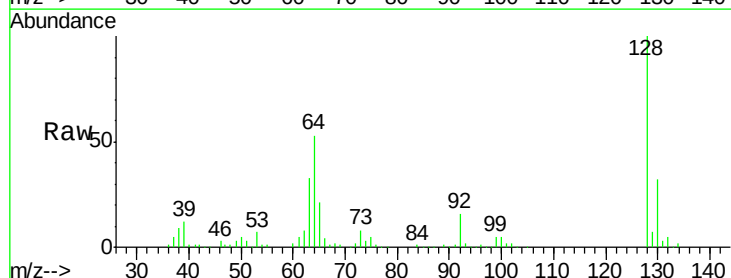
Tgt Ion: 128 Resp: 131235

Ion Ratio Lower Upper

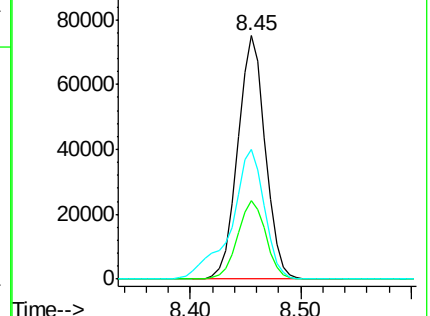
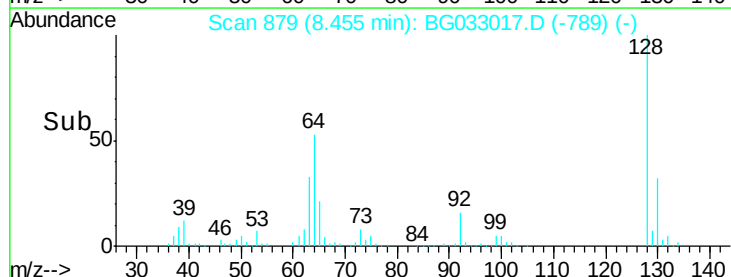
128 100

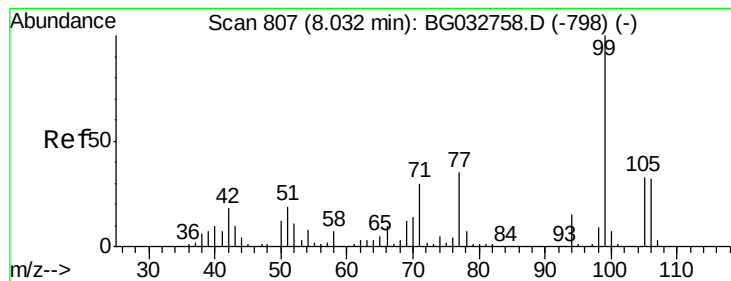
130 32.3 14.0 54.0

64 53.2 37.7 77.7



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





#9

Benzaldehyde

Concen: 40.369 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampleId :

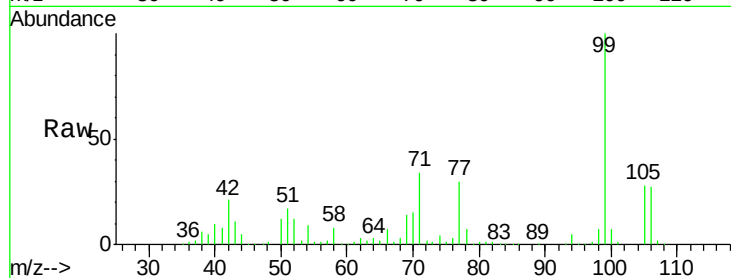
Tot Ion: 77 Resp: 100755

Ion Ratio Lower Upper

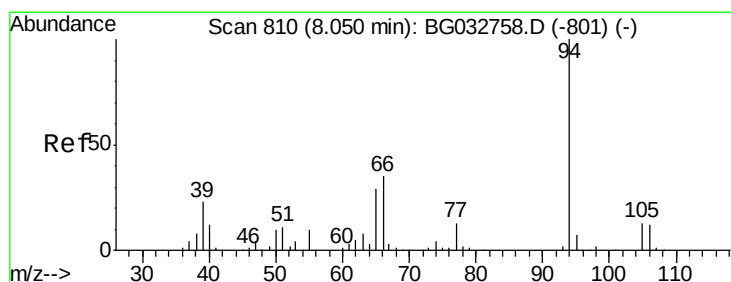
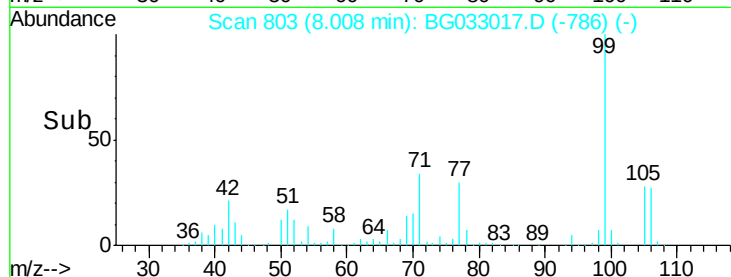
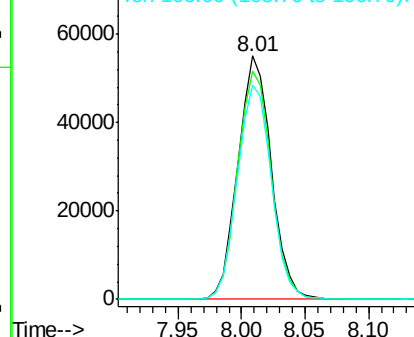
77 100

105 94.0 71.3 111.3

106 88.2 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: 40.081 ng

RT: 8.03 min Scan# 807

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

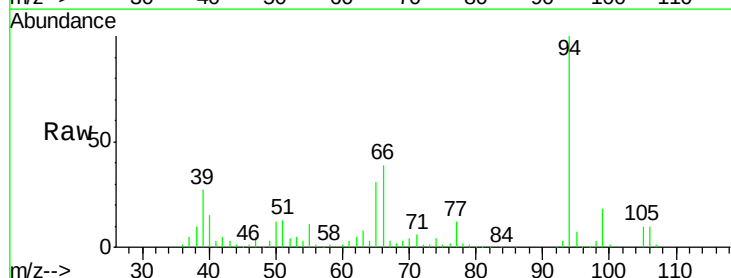
Tgt Ion: 94 Resp: 174969

Ion Ratio Lower Upper

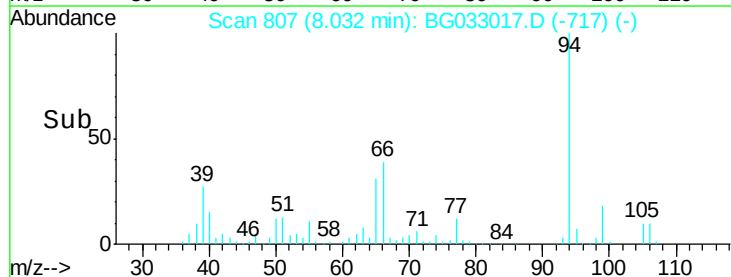
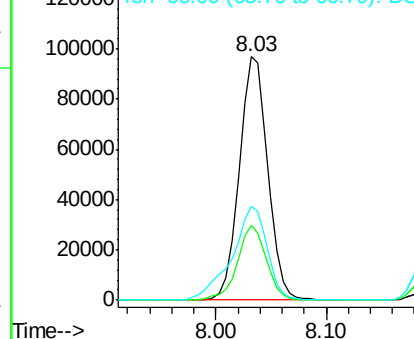
94 100

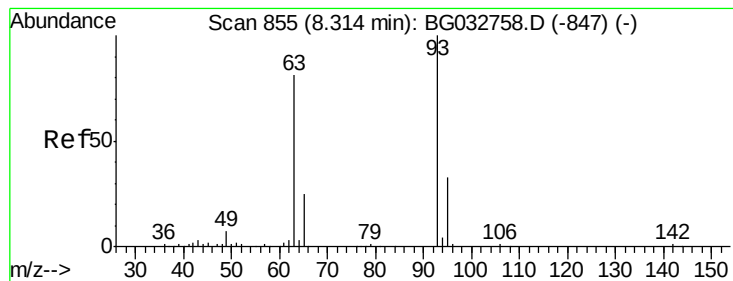
65 30.8 11.9 51.9

66 38.5 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

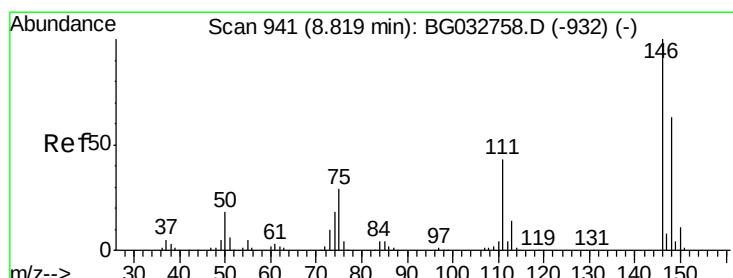
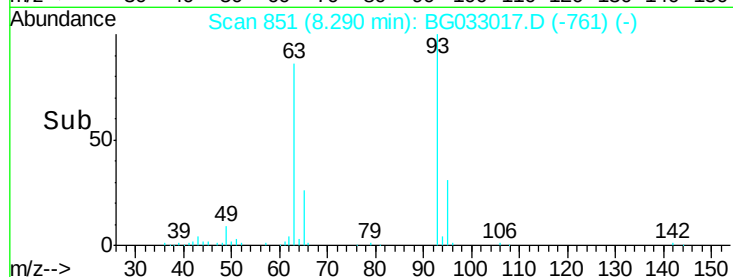
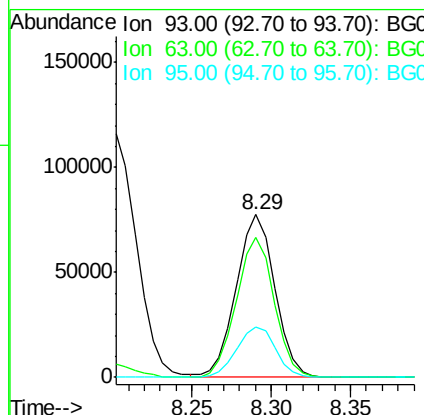
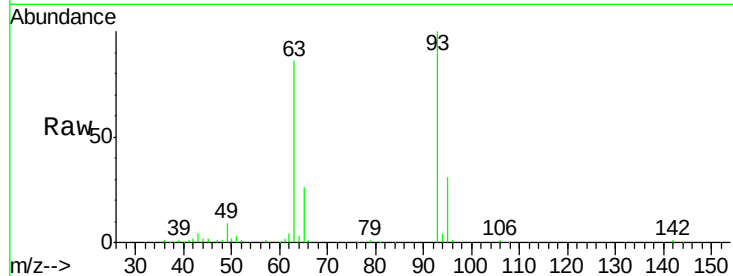




#11
bis(2-Chloroethyl)ether
Concen: 36.419 ng
RT: 8.29 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

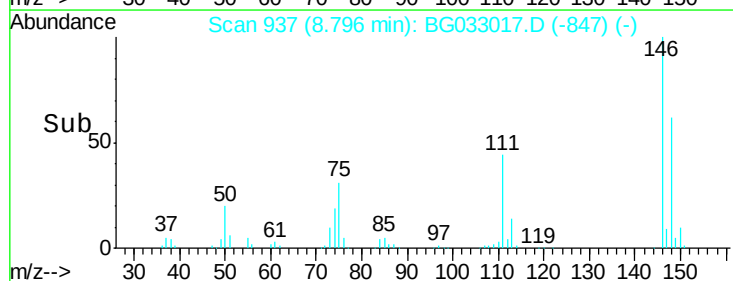
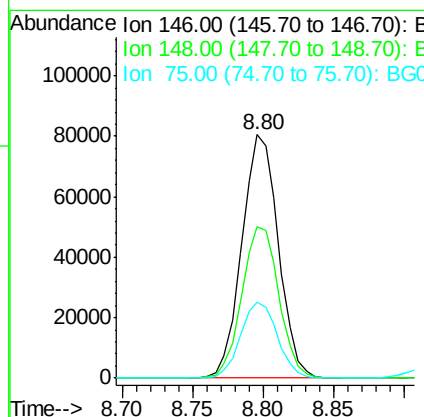
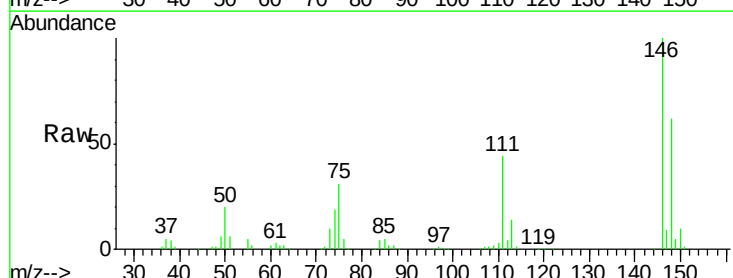
Instrument :
BNA_G
ClientSampleId :

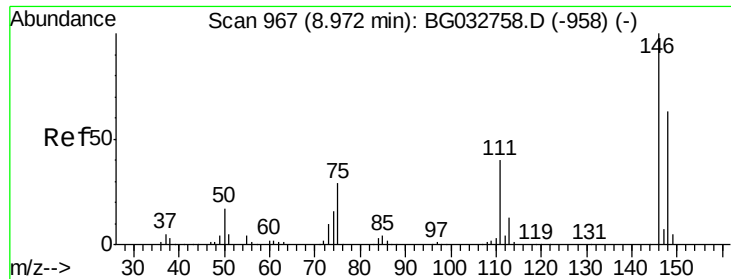
Tot Ion: 93 Resp: 130002
Ion Ratio Lower Upper
93 100
63 86.0 67.1 107.1
95 31.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 36.509 ng
RT: 8.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion: 146 Resp: 145417
Ion Ratio Lower Upper
146 100
148 62.4 51.4 77.2
75 31.0 26.6 39.8

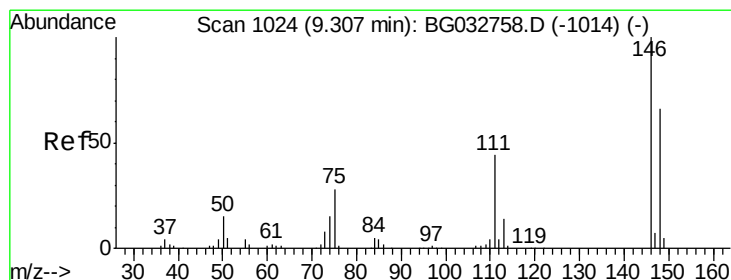
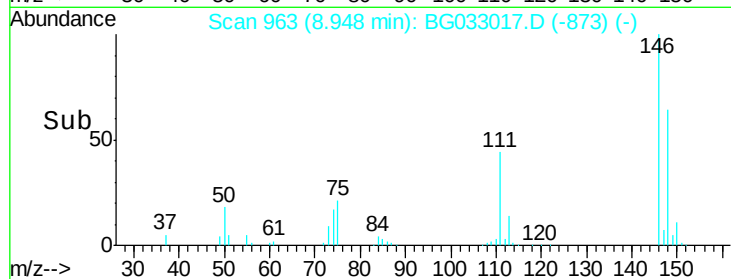
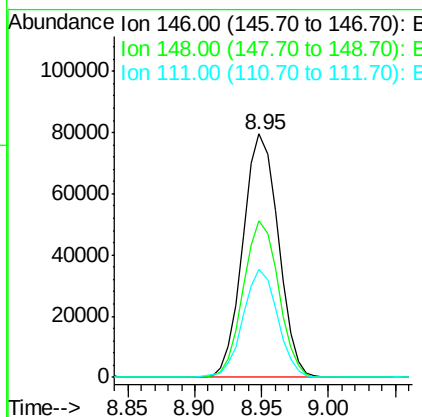
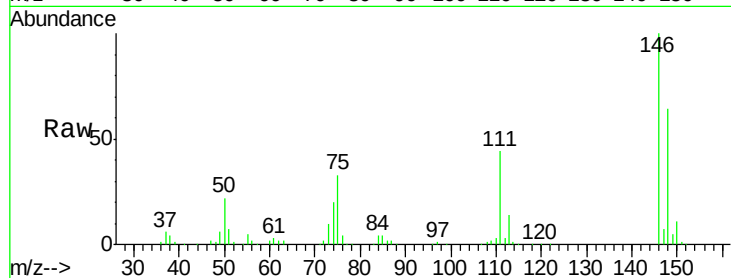




#13
 1,4-Dichlorobenzene
 Concen: 36.460 ng
 RT: 8.95 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

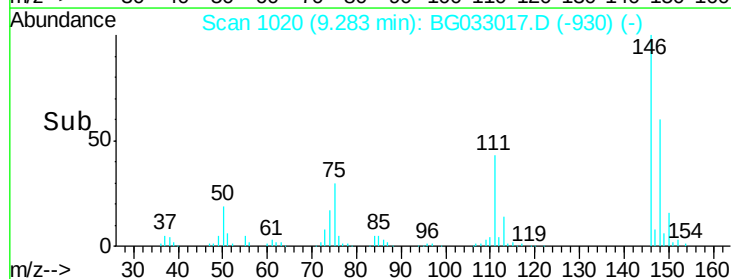
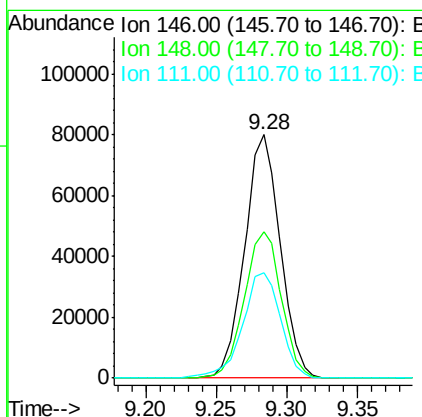
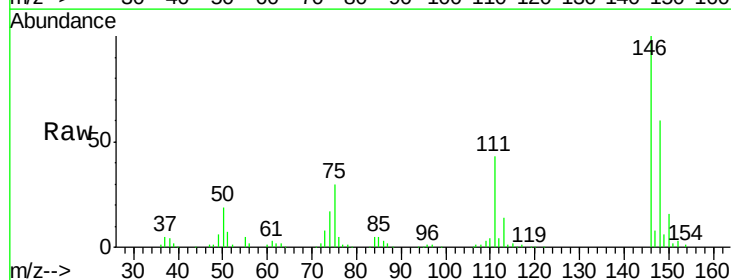
Instrument :
 BNA_G
 ClientSampleId :

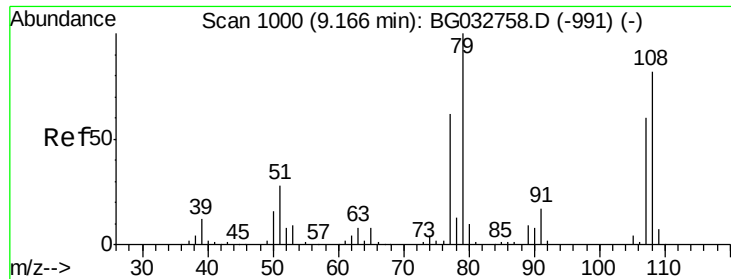
Tot Ion:146 Resp: 146177
 Ion Ratio Lower Upper
 146 100
 148 64.5 53.7 80.5
 111 44.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 36.841 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Tgt Ion:146 Resp: 141540
 Ion Ratio Lower Upper
 146 100
 148 59.9 49.3 73.9
 111 43.3 34.3 51.5

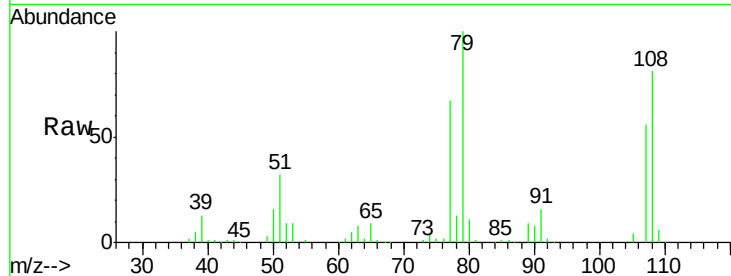




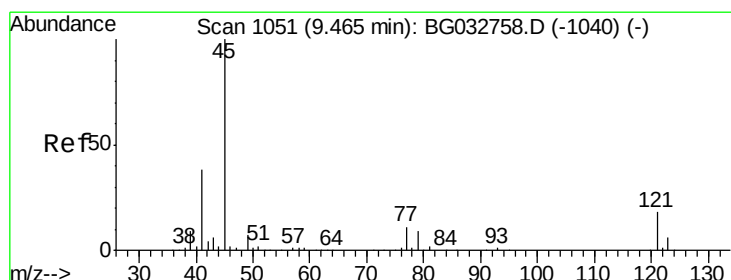
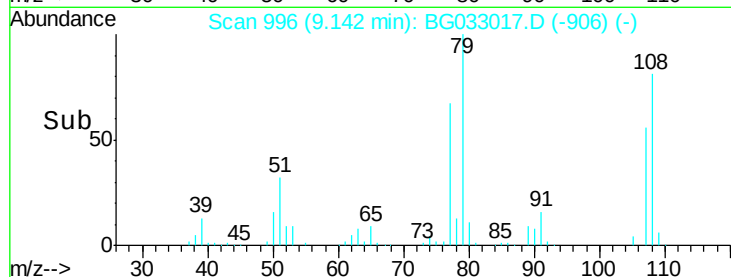
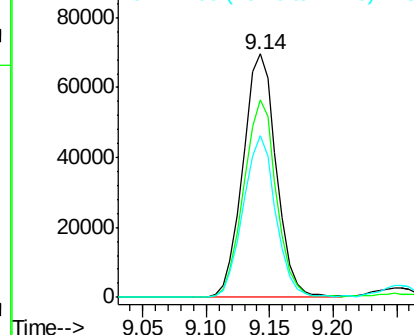
#15
Benzyl Alcohol
Concen: 39.915 ng
RT: 9.14 min Scan# 996
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Instrument :
BNA_G
ClientSampled :

Tot Ion: 79 Resp: 127075
Ion Ratio Lower Upper
79 100
108 81.2 57.2 85.8
77 66.7 46.1 69.1

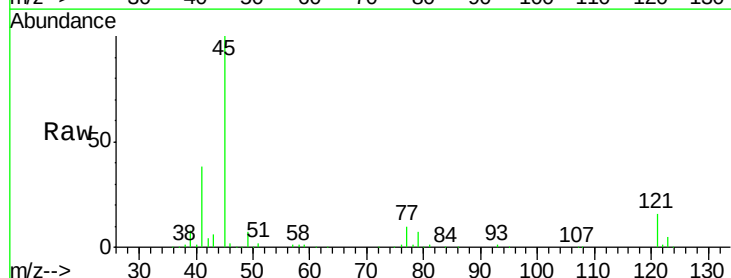


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

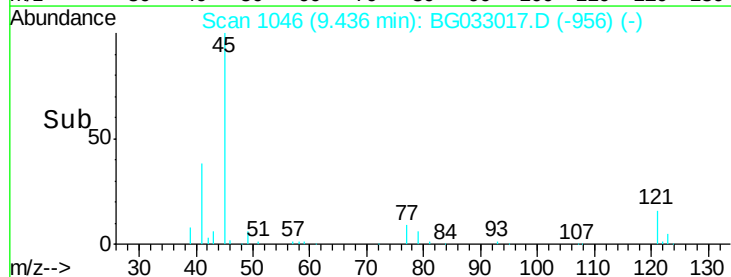
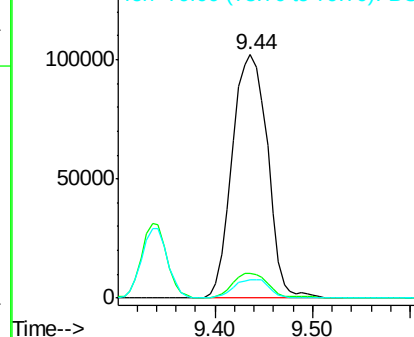


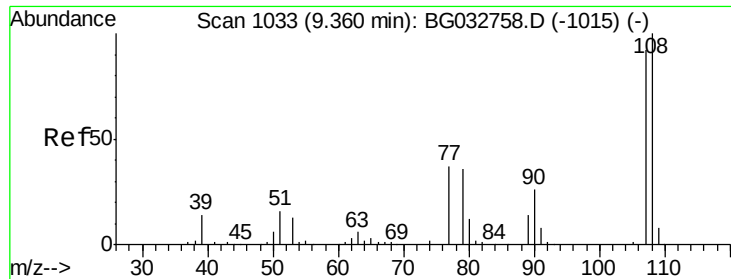
#16
2,2'-oxybis(1-chloropropane)
Concen: 41.947 ng
RT: 9.44 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion: 45 Resp: 257406
Ion Ratio Lower Upper
45 100
77 9.9 0.0 30.2
79 7.3 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: 39.112 ng

RT: 9.34 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 125903

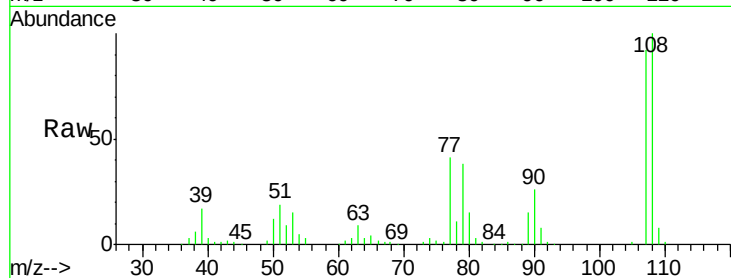
Ion Ratio Lower Upper

107 100

108 109.1 83.9 125.9

77 44.3 37.2 55.8

79 41.7 36.2 54.2

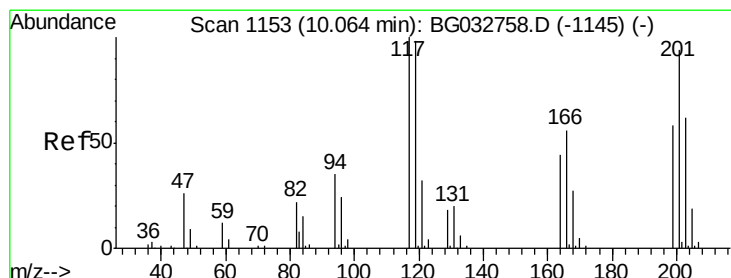
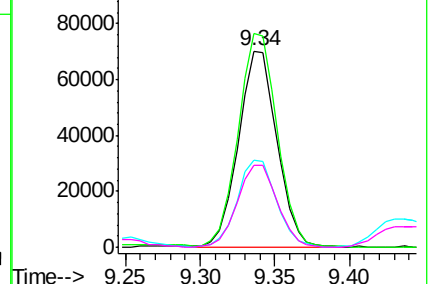
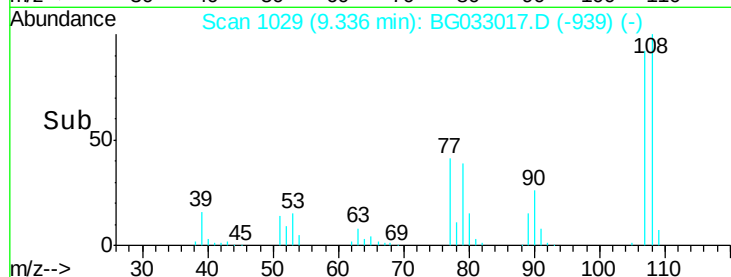


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.437 ng

RT: 10.04 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

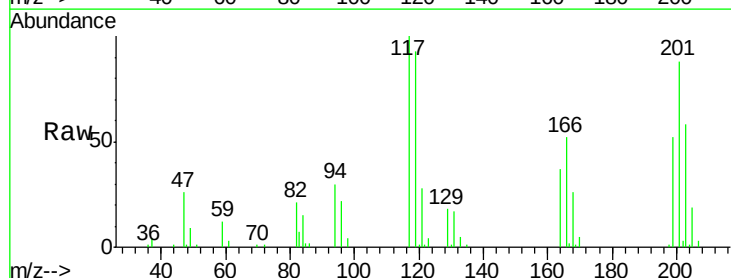
Tgt Ion:117 Resp: 52469

Ion Ratio Lower Upper

117 100

119 92.6 76.7 115.1

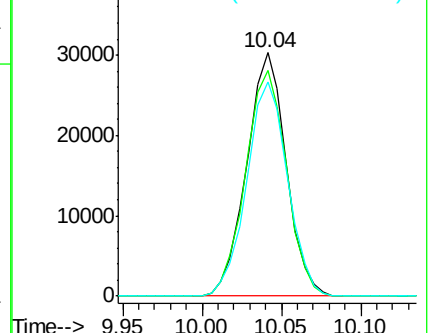
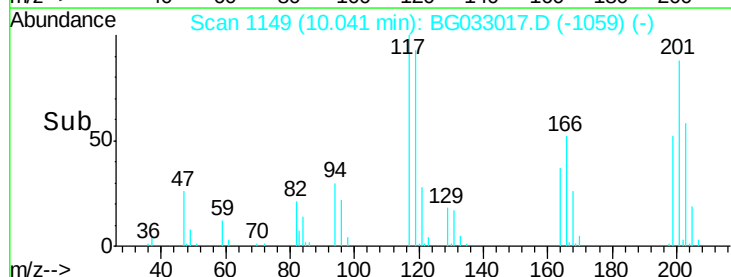
201 87.8 95.7 143.5#

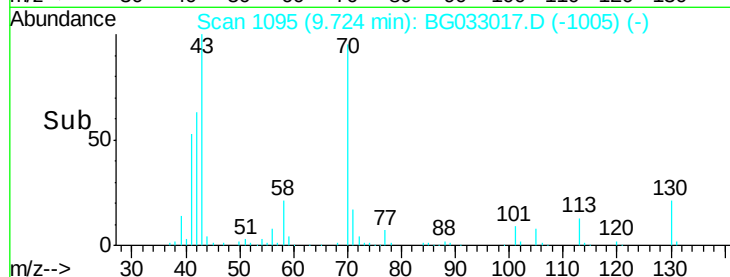
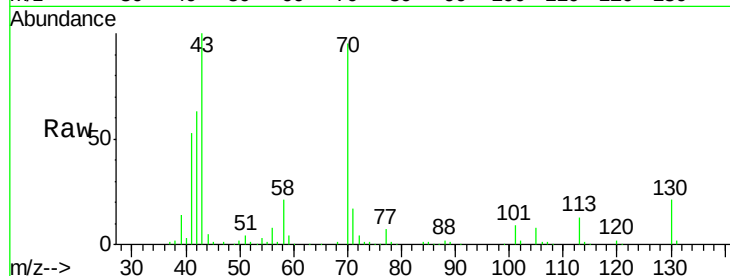
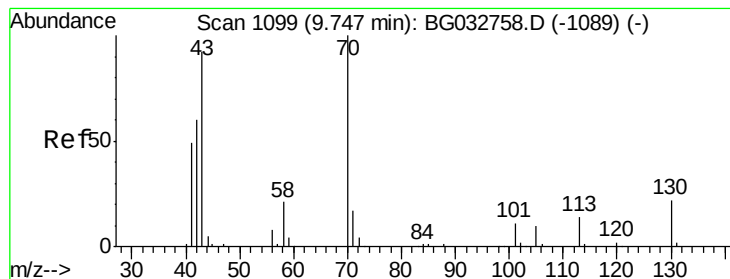


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.951 ng

RT: 9.72 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 119082

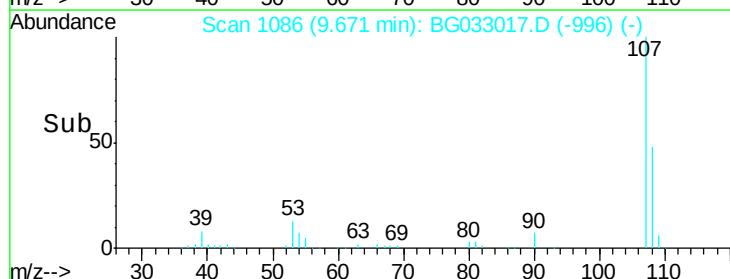
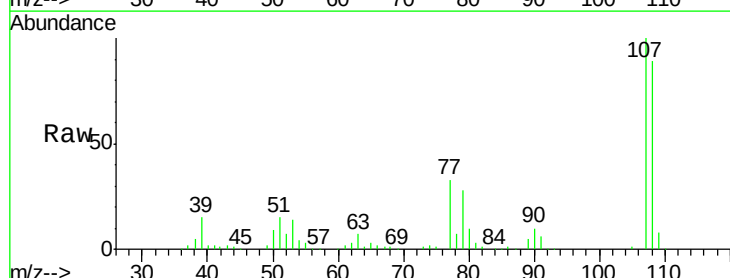
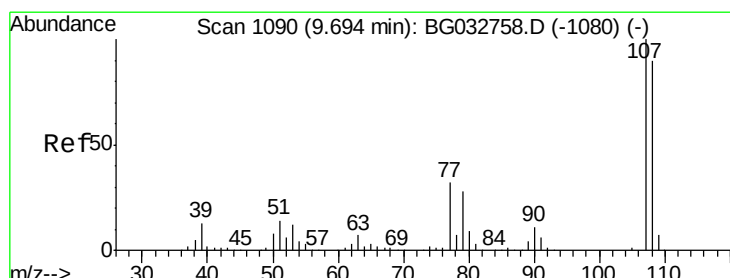
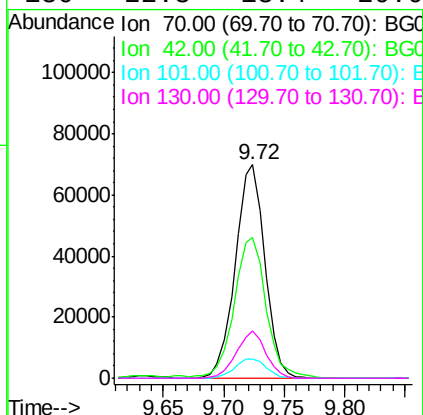
Ion Ratio Lower Upper

70 100

42 66.1 49.1 73.7

101 9.3 8.5 12.7

130 22.3 13.4 20.0#



#20

3+4-Methylphenols

Concen: 39.744 ng

RT: 9.67 min Scan# 1086

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Tgt Ion: 107 Resp: 177891

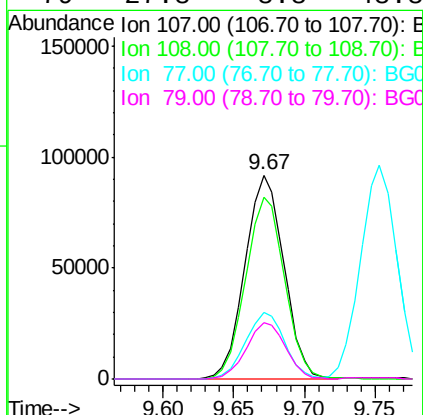
Ion Ratio Lower Upper

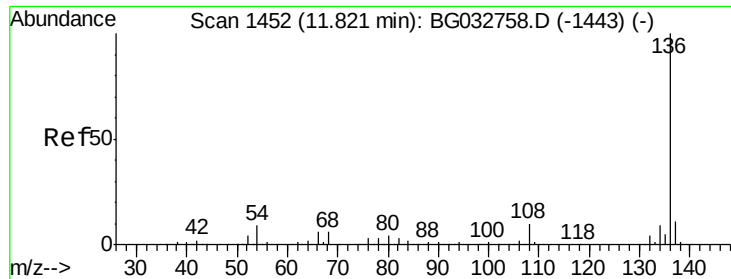
107 100

108 88.8 61.6 101.6

77 32.7 13.9 53.9

79 27.8 8.8 48.8

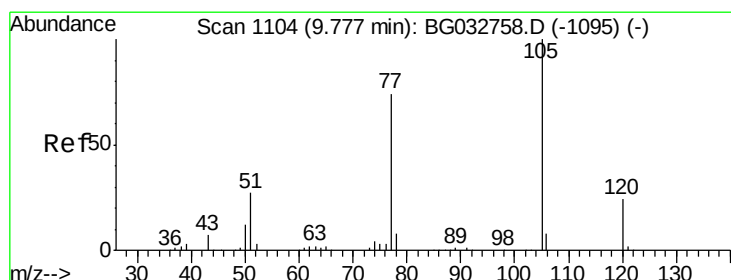
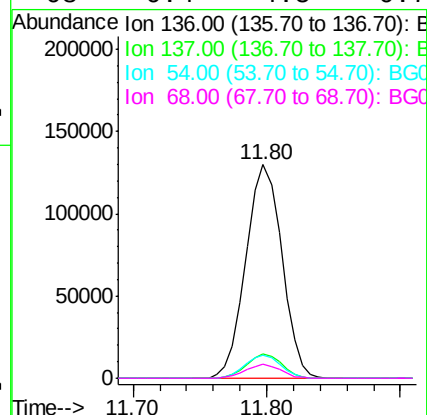
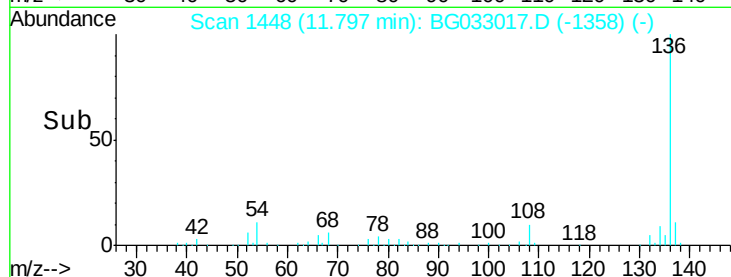
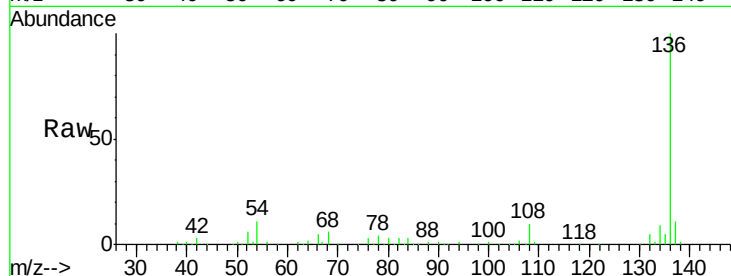




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

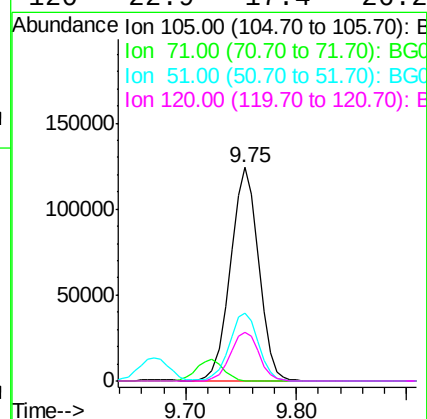
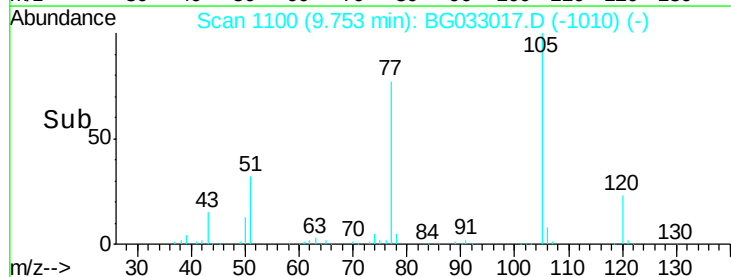
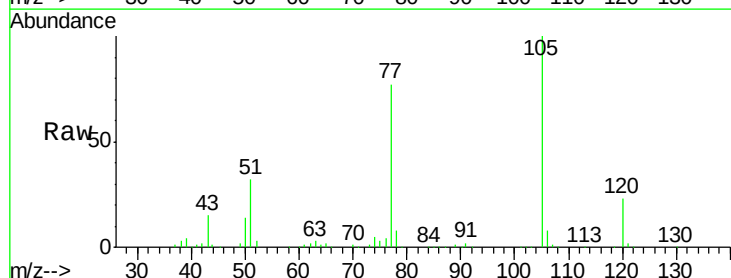
Instrument :
BNA_G
ClientSampleId :

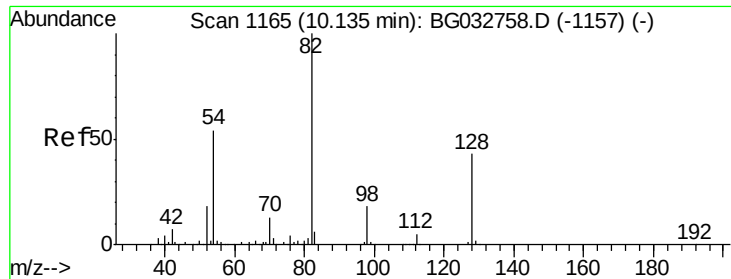
Tot Ion:	136	Resp:	242402
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	10.8	10.3	15.5
68	6.4	4.5	6.7



#22
Acetophenone
Concen: 36.203 ng
RT: 9.75 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion:	105	Resp:	221631
Ion	Ratio	Lower	Upper
105	100		
71	0.2	3.0	4.4#
51	32.1	26.1	39.1
120	22.9	17.4	26.2

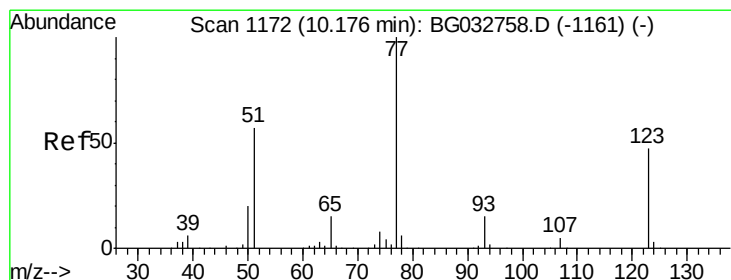
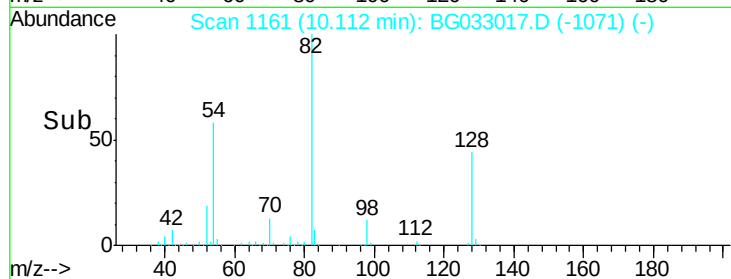
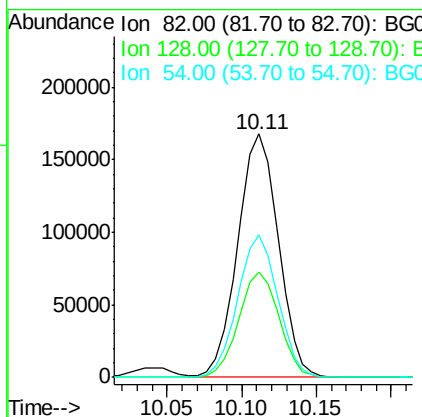
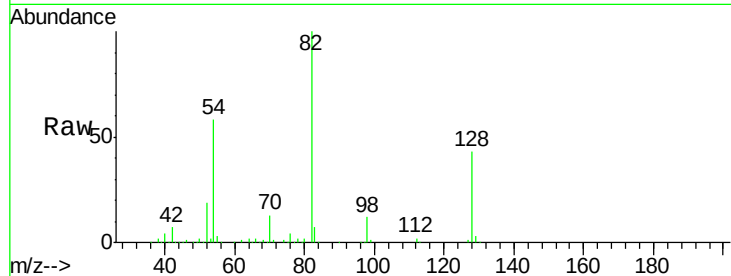




#23
Nitrobenzene-d5
Concen: 89.874 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

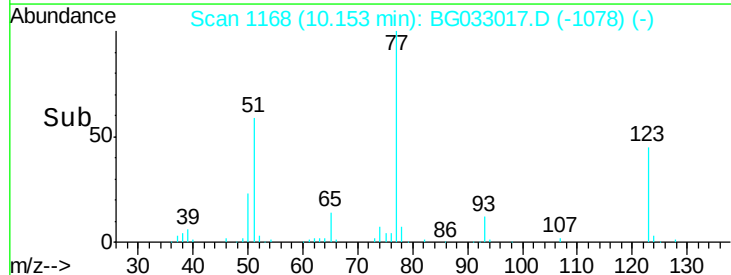
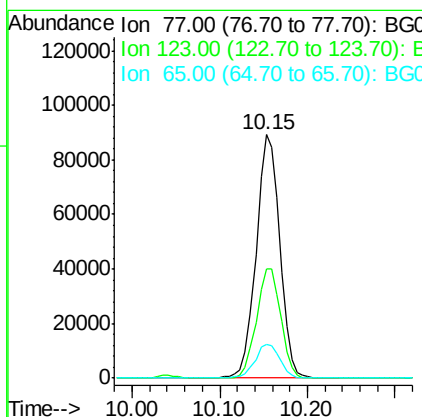
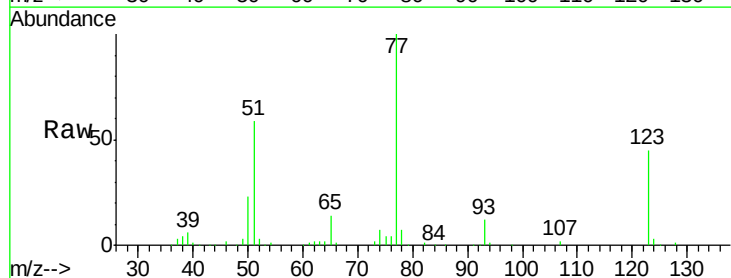
Instrument :
BNA_G
ClientSampled :

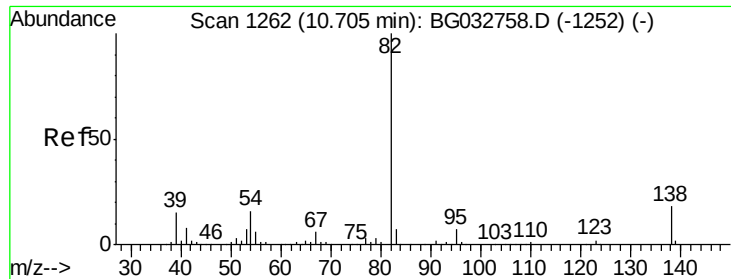
Tot Ion	82	Resp	316182
Ion Ratio	Lower	Upper	
82	100		
128	43.5	29.7	44.5
54	58.3	43.1	64.7



#24
Nitrobenzene
Concen: 43.372 ng
RT: 10.15 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion	77	Resp	164921
Ion Ratio	Lower	Upper	
77	100		
123	45.0	33.0	49.6
65	14.1	13.0	19.6





#25

Isophorone

Concen: 36.705 ng

RT: 10.68 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampleId :

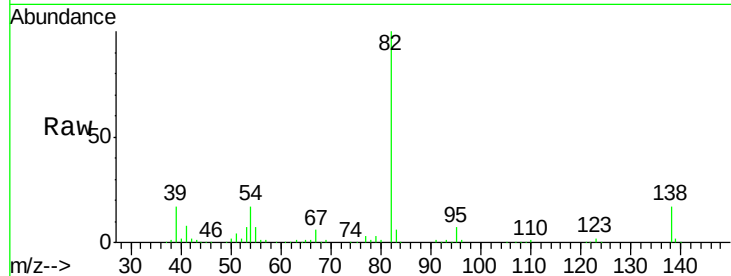
Tot Ion: 82 Resp: 312289

Ion Ratio Lower Upper

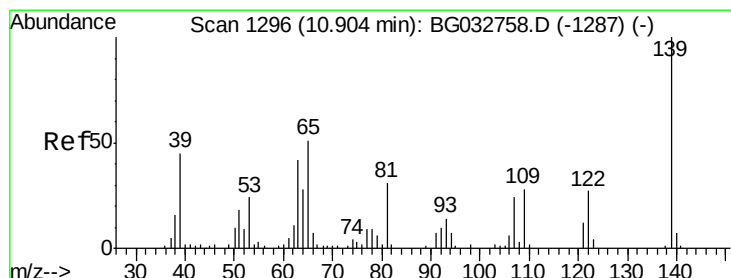
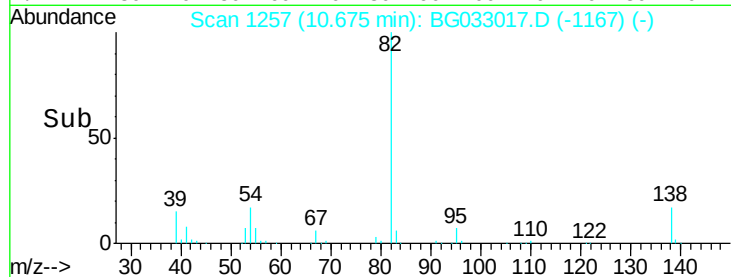
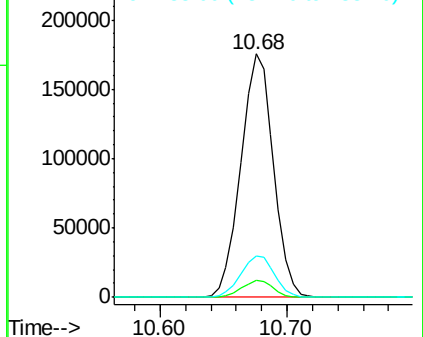
82 100

95 6.8 6.2 9.2

138 16.8 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 53.803 ng

RT: 10.88 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

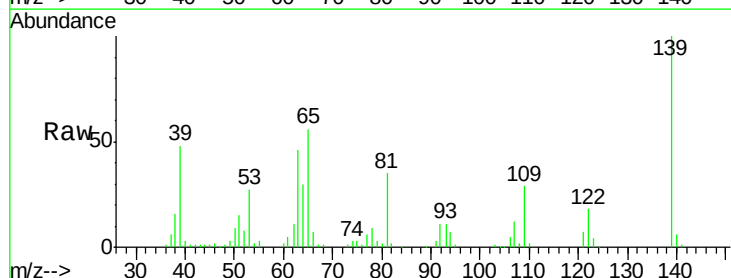
Tgt Ion: 139 Resp: 76635

Ion Ratio Lower Upper

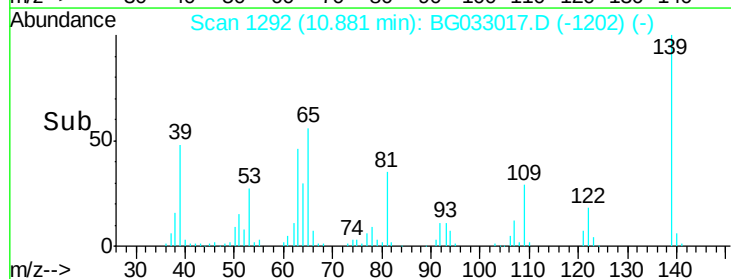
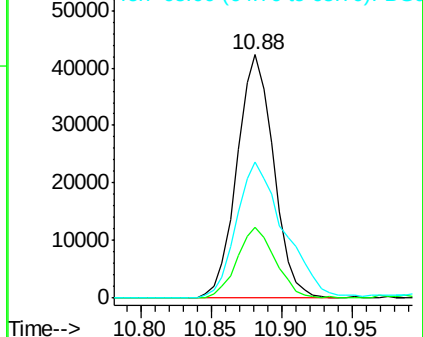
139 100

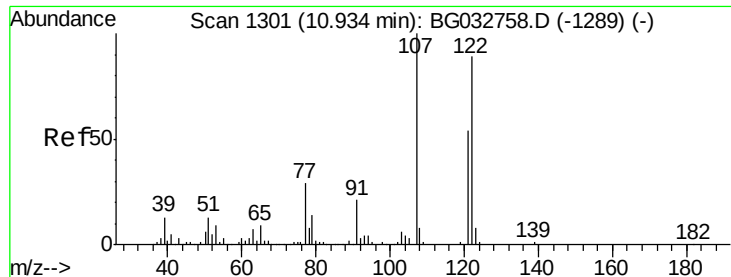
109 29.2 24.2 36.2

65 56.0 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

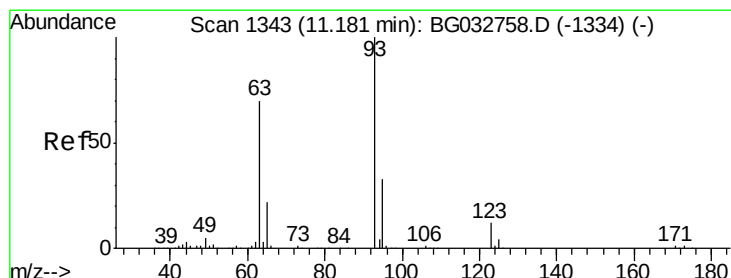
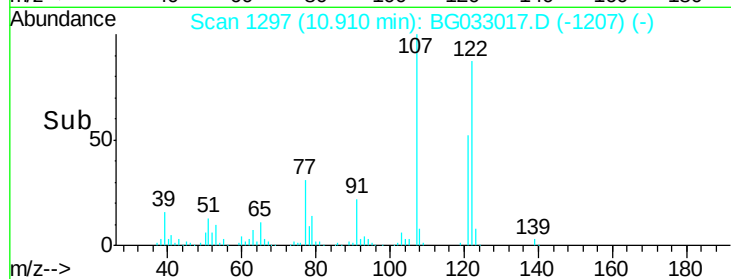
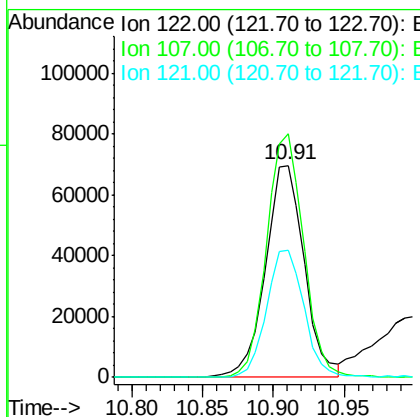
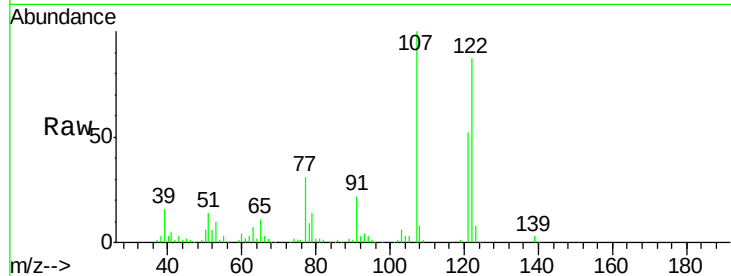




#27
 2,4-Dimethylphenol
 Concen: 36.261 ng
 RT: 10.91 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

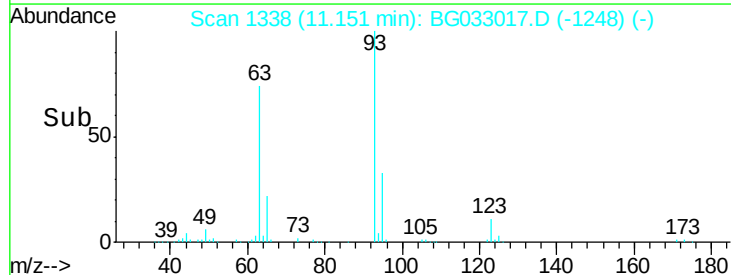
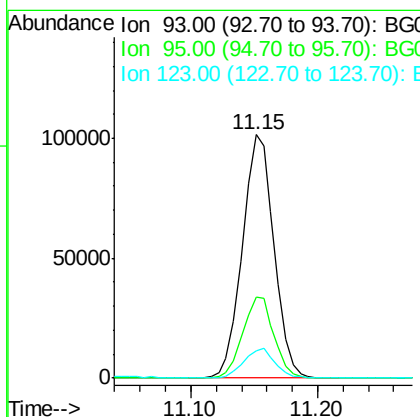
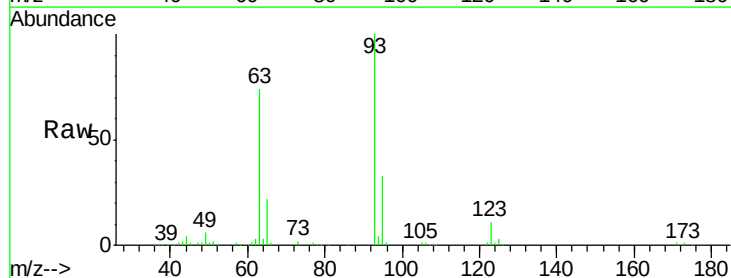
Instrument :
 BNA_G
 ClientSampleId :

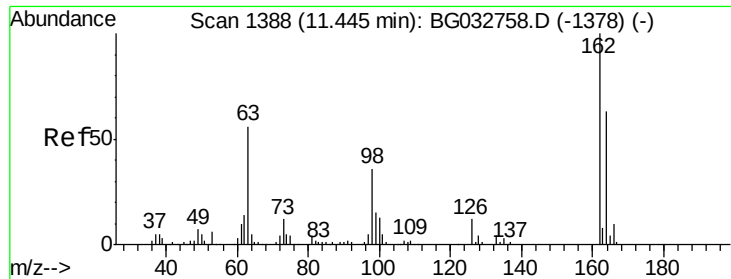
Tot Ion:122 Resp: 134024
 Ion Ratio Lower Upper
 122 100
 107 115.0 100.2 150.2
 121 59.8 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.293 ng
 RT: 11.15 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Tgt Ion: 93 Resp: 174930
 Ion Ratio Lower Upper
 93 100
 95 33.3 24.3 36.5
 123 11.4 8.4 12.6

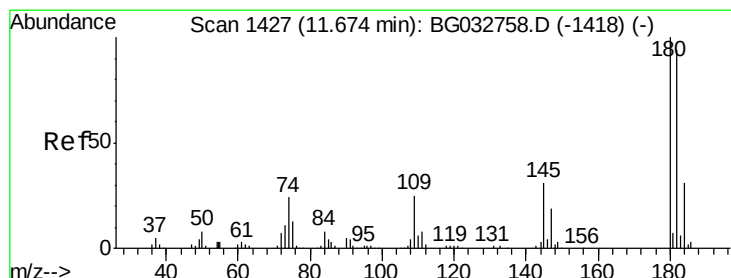
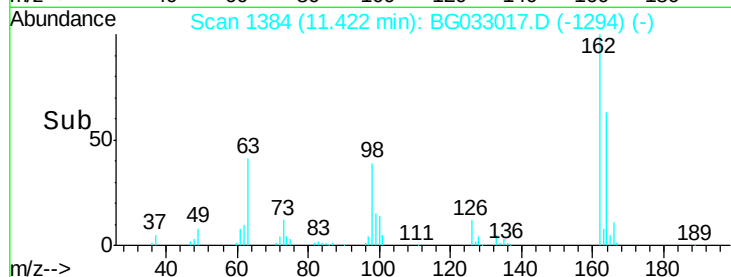
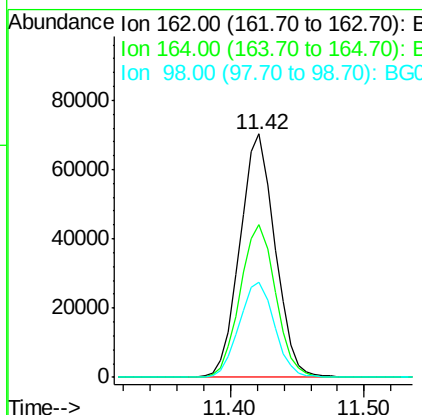
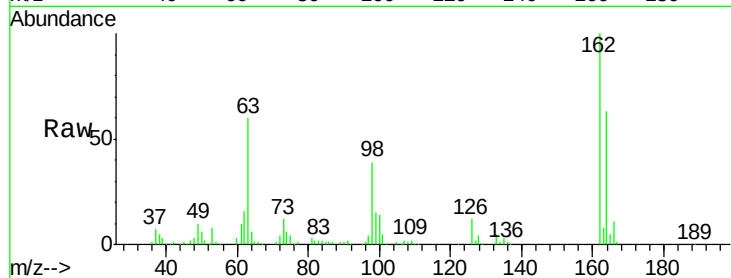




#29
 2,4-Dichlorophenol
 Concen: 38.099 ng
 RT: 11.42 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

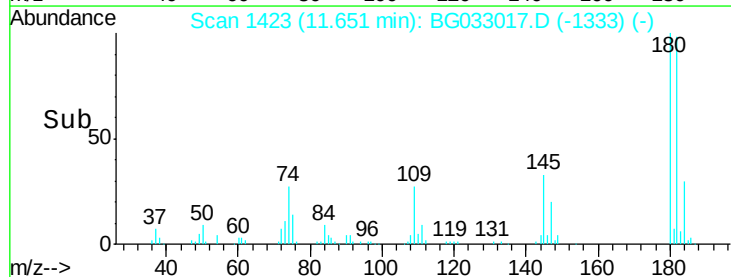
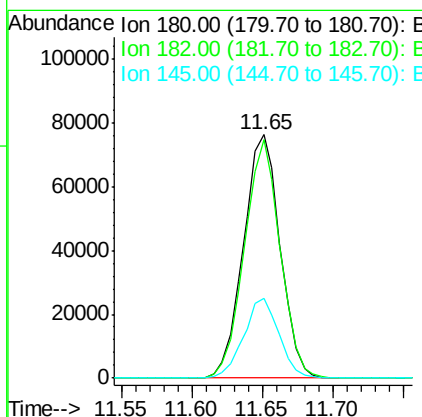
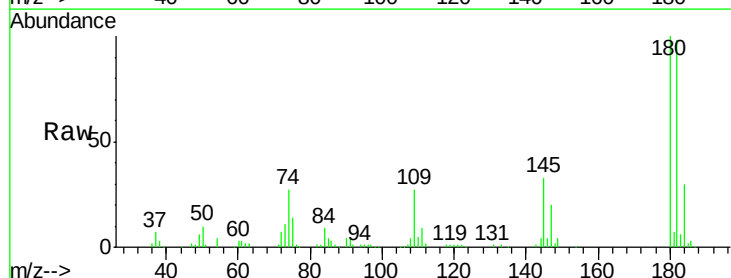
Instrument :
 BNA_G
 ClientSampled :

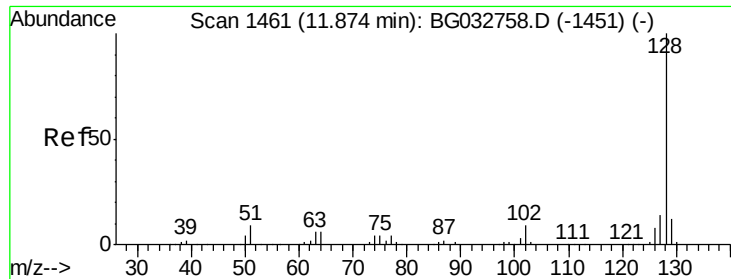
Tot Ion:162 Resp: 127804
 Ion Ratio Lower Upper
 162 100
 164 62.9 48.0 88.0
 98 38.9 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.263 ng
 RT: 11.65 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Tgt Ion:180 Resp: 138662
 Ion Ratio Lower Upper
 180 100
 182 97.7 77.5 116.3
 145 32.8 23.4 35.2

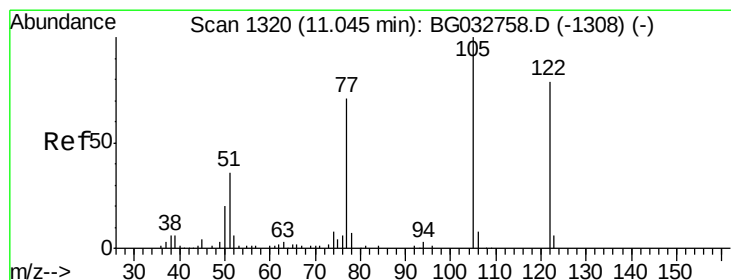
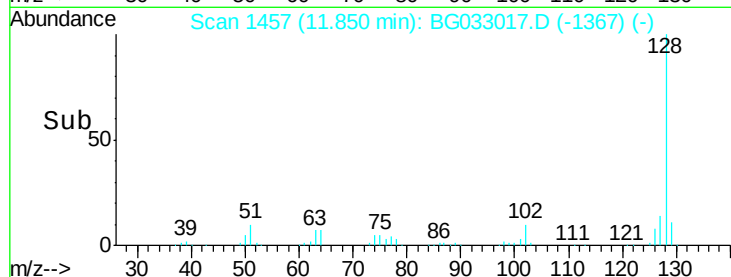
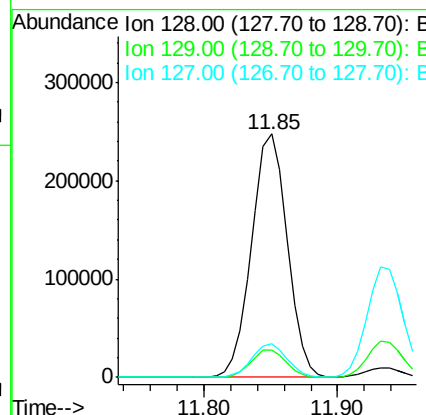
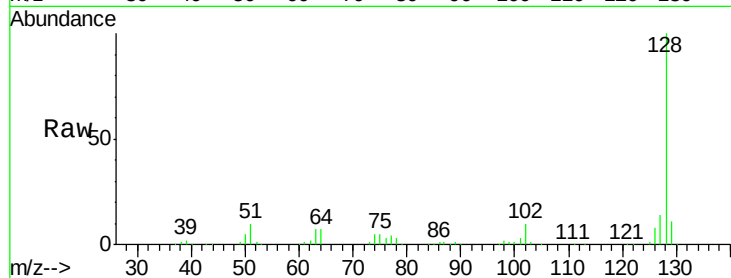




#31
Naphthalene
Concen: 36.045 ng
RT: 11.85 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

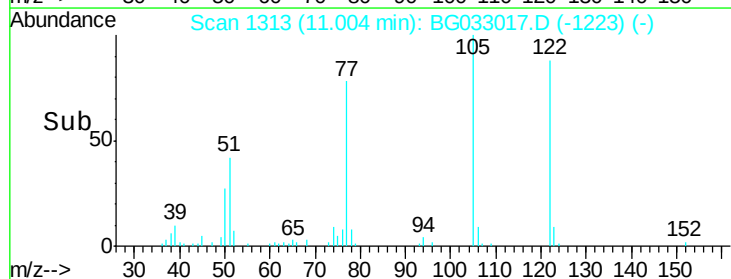
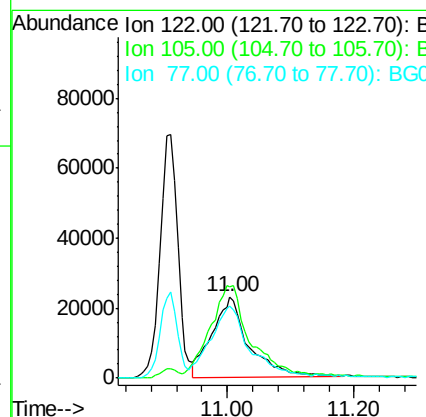
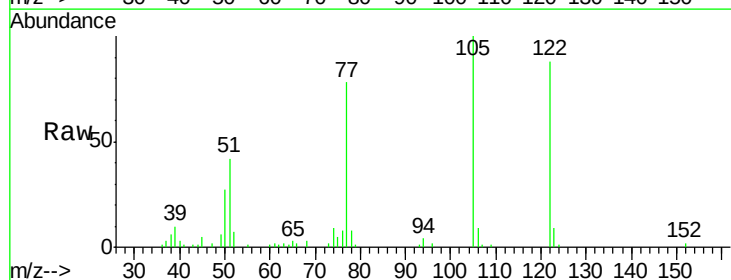
Instrument :
BNA_G
ClientSampleId :

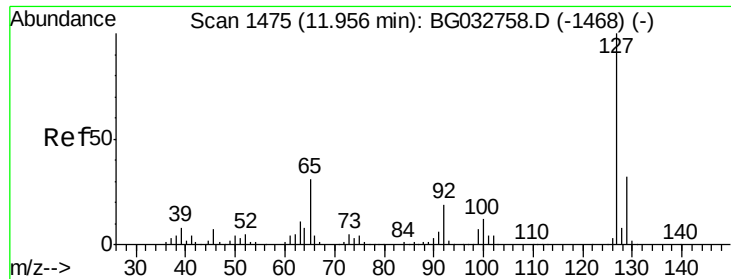
Tot Ion:128 Resp: 456557
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 14.1 11.6 17.4



#32
Benzoic acid
Concen: 42.266 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion:122 Resp: 91829
Ion Ratio Lower Upper
122 100
105 113.1 123.5 163.5#
77 88.4 85.7 125.7

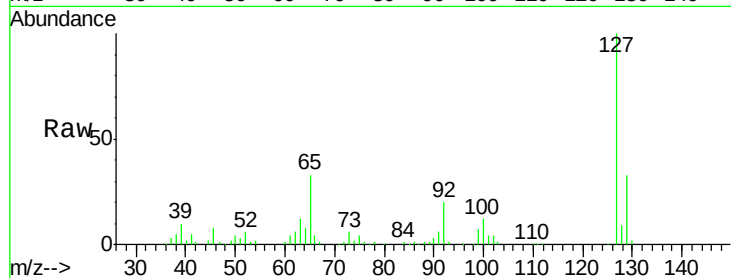




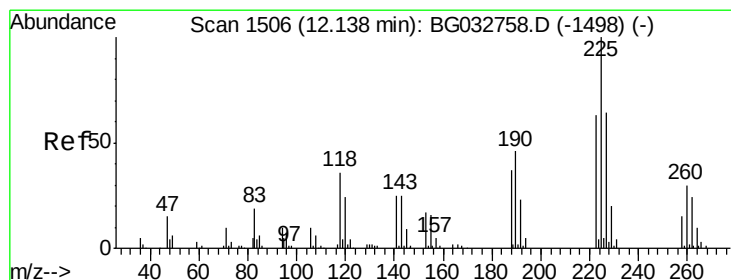
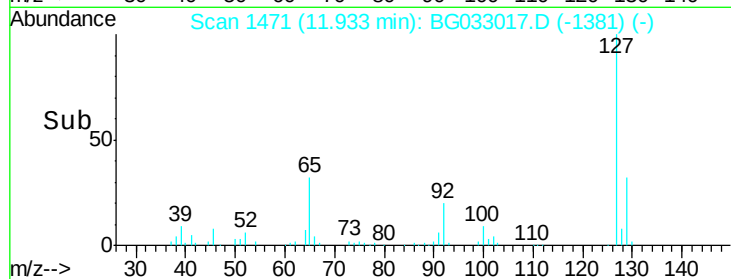
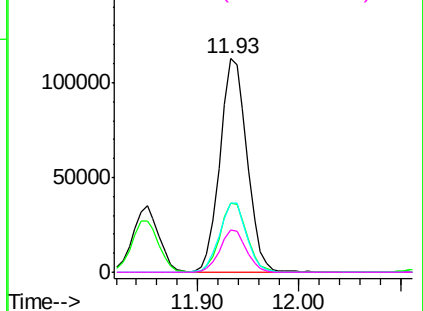
#33
4-Chloroaniline
Concen: 36.998 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	209537
Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.0	36.0
65	32.6	27.0	40.4
92	19.7	16.6	25.0

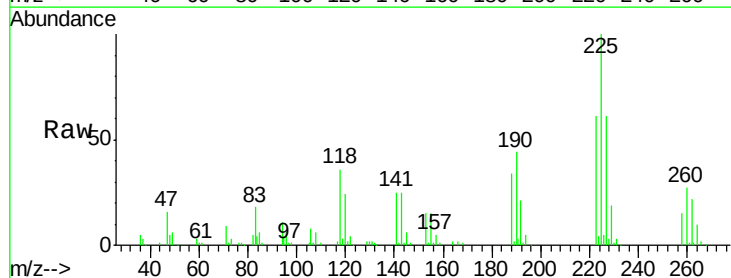


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

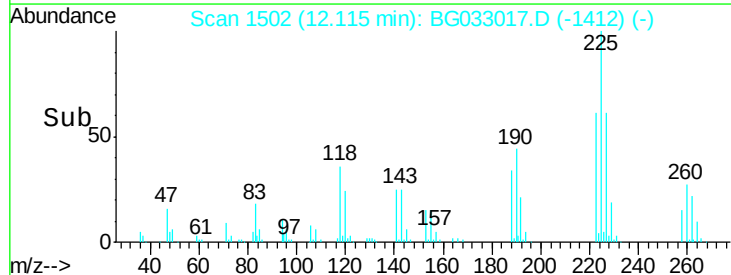
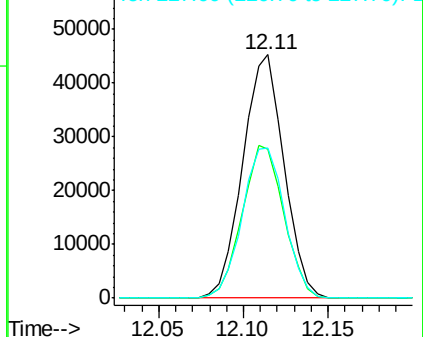


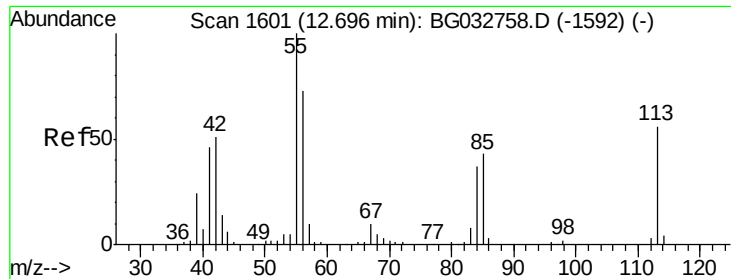
#34
Hexachlorobutadiene
Concen: 34.867 ng
RT: 12.11 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion:	225	Resp:	76904
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.7	74.5
227	61.5	48.1	72.1



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





#35

Caprolactam

Concen: 41.367 ng

RT: 12.68 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampleId :

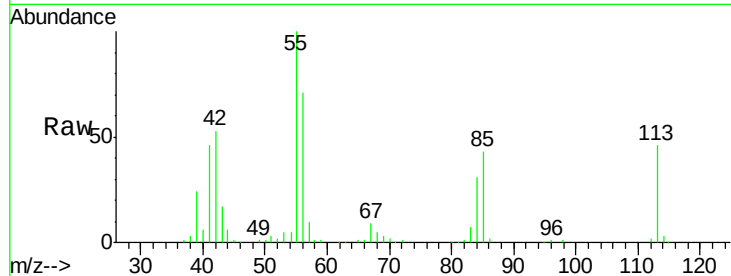
Tot Ion:113 Resp: 55563

Ion Ratio Lower Upper

113 100

55 216.1 186.9 226.9

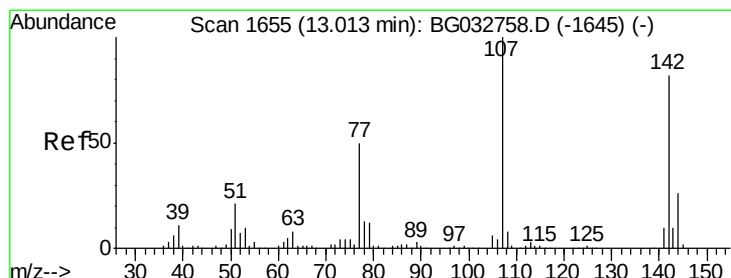
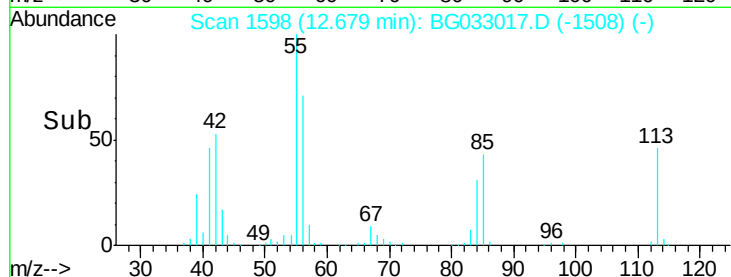
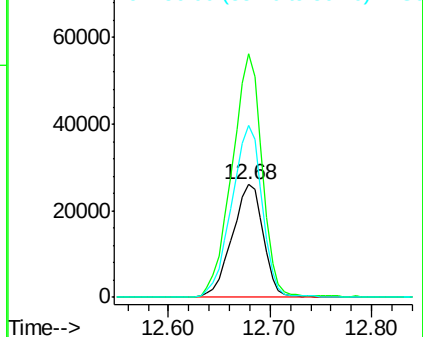
56 153.1 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.757 ng

RT: 13.00 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

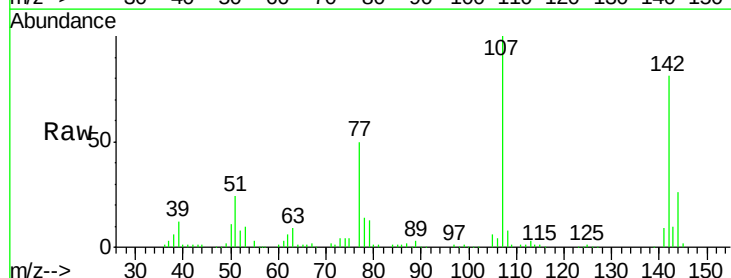
Tgt Ion:107 Resp: 163007

Ion Ratio Lower Upper

107 100

144 26.4 18.2 27.4

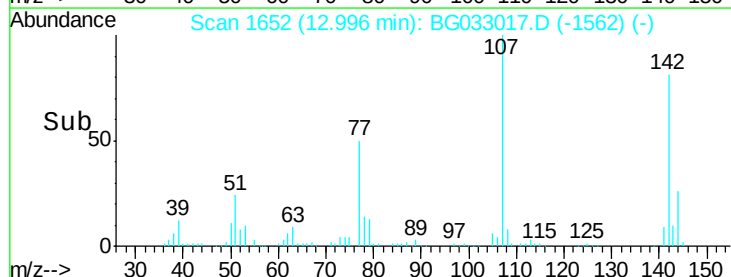
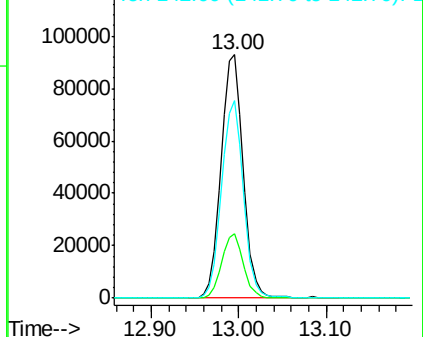
142 80.9 59.0 88.4

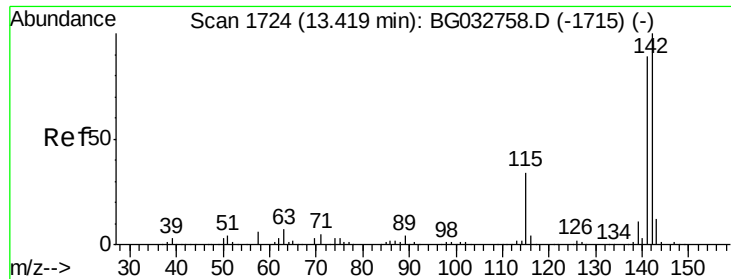


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

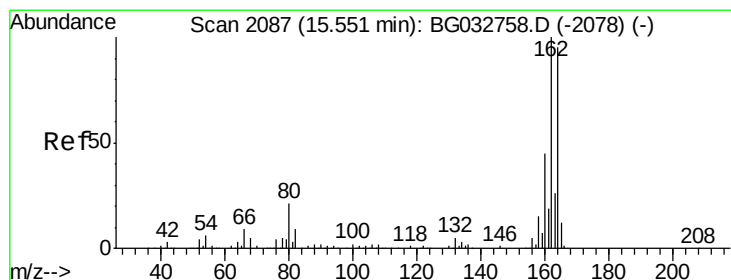
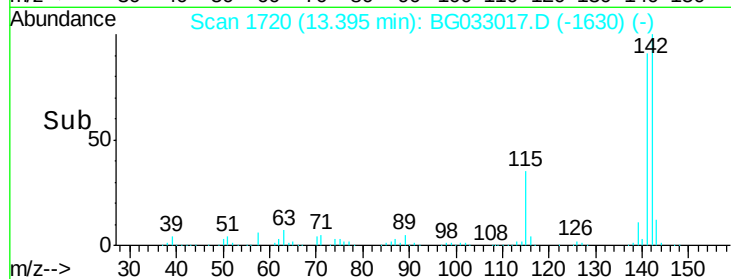
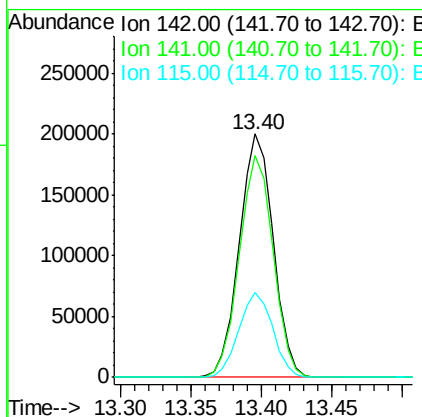
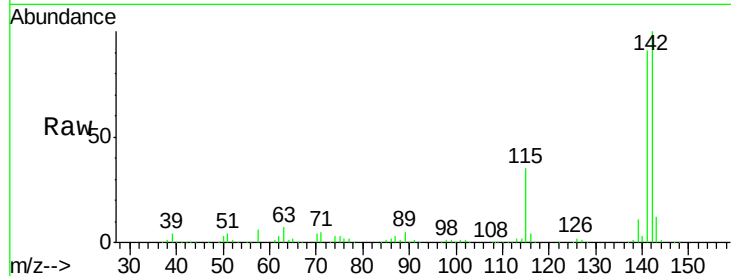




#37
 2-Methylnaphthalene
 Concen: 36.654 ng
 RT: 13.40 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

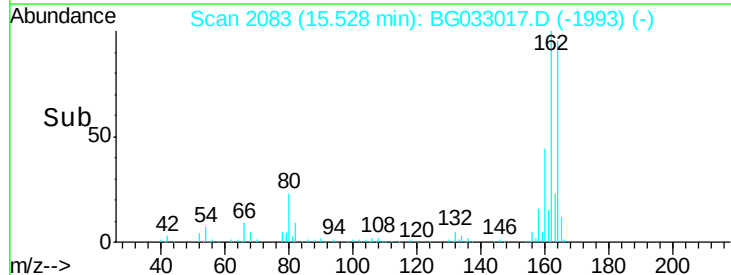
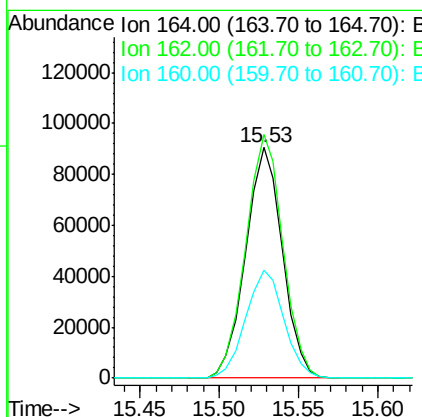
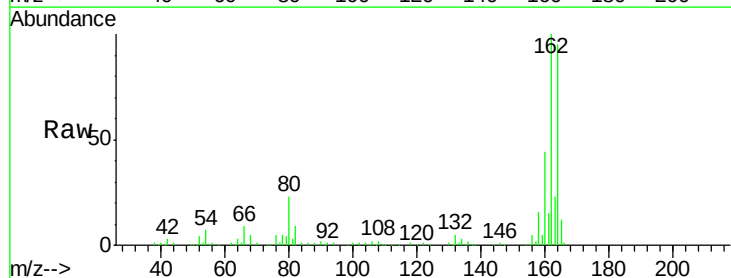
Instrument :
 BNA_G
 ClientSampled :

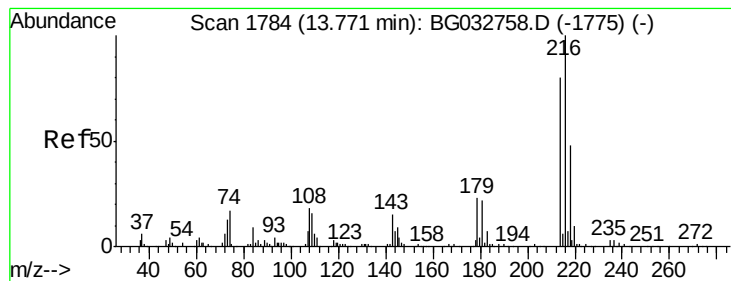
Tot Ion:142 Resp: 335890
 Ion Ratio Lower Upper
 142 100
 141 91.1 67.1 100.7
 115 34.6 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Tgt Ion:164 Resp: 145792
 Ion Ratio Lower Upper
 164 100
 162 105.5 78.8 118.2
 160 46.9 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.022 ng

RT: 13.75 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BG033017.D

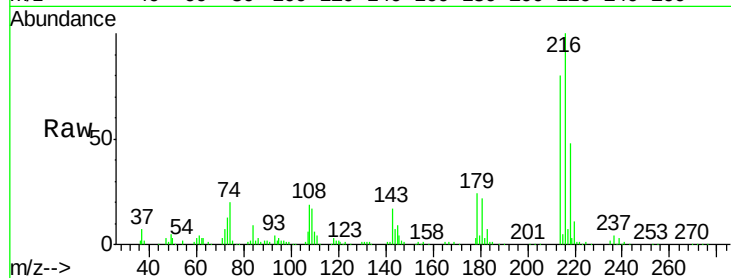
Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampled :

Tot Ion:	216	Resp:	151571
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	23.2	17.0	25.6
108	20.5	12.8	19.2#

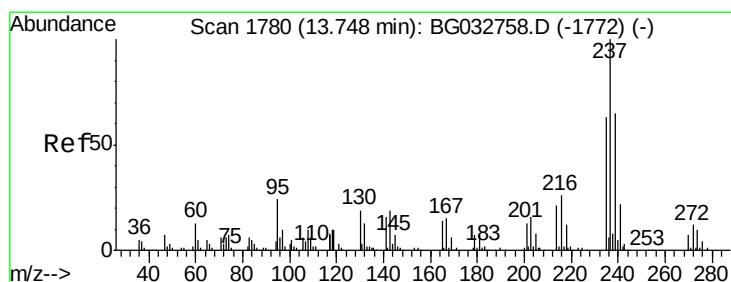
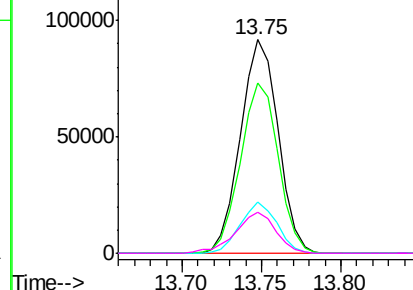
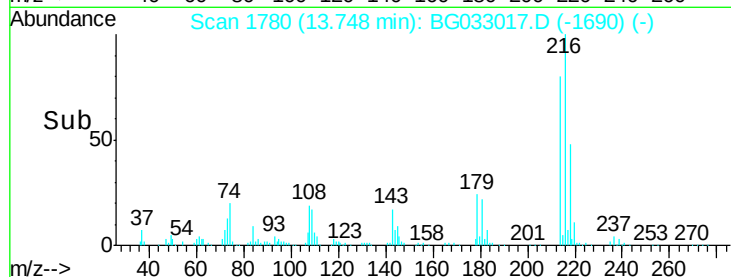


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 34.632 ng

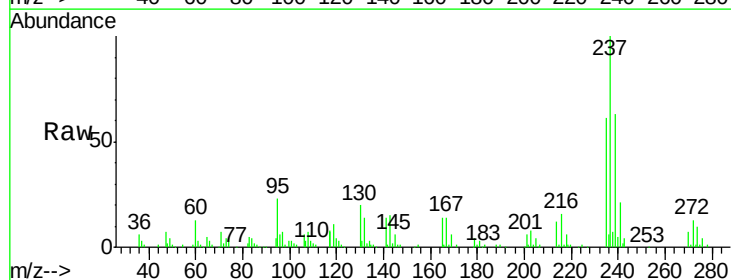
RT: 13.72 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

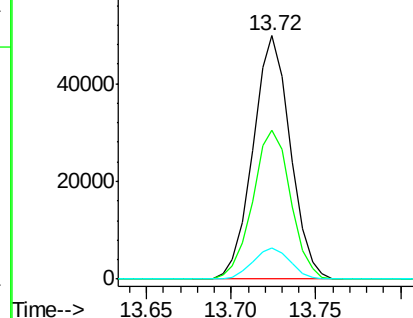
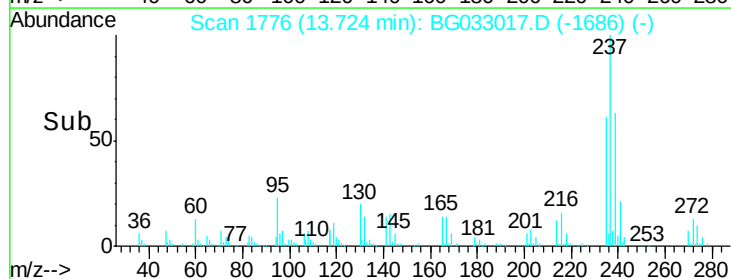
Tgt Ion:	237	Resp:	76386
Ion	Ratio	Lower	Upper
237	100		
235	61.3	50.4	90.4
272	12.8	0.0	31.8

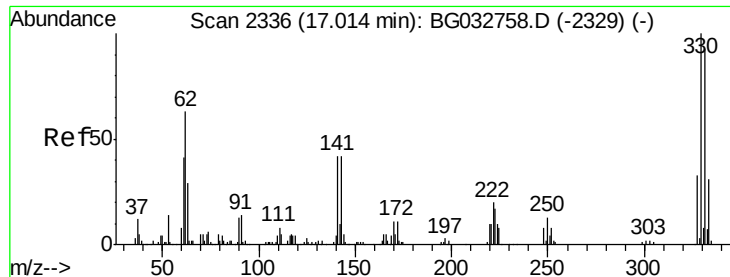


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

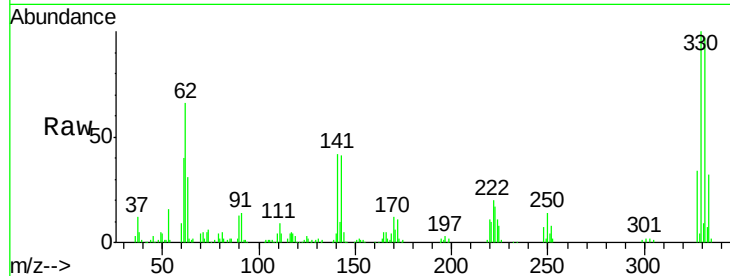




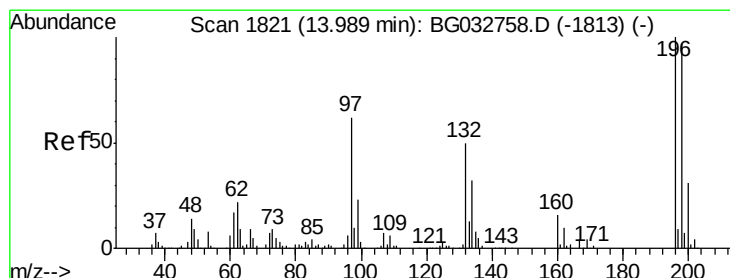
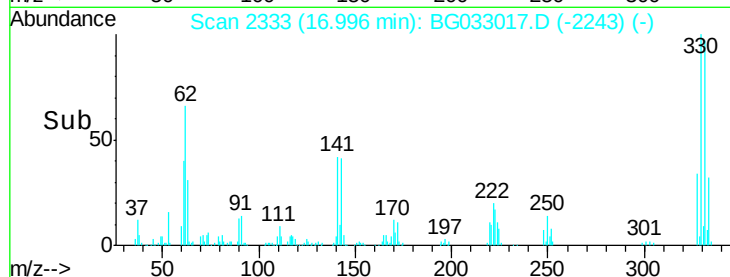
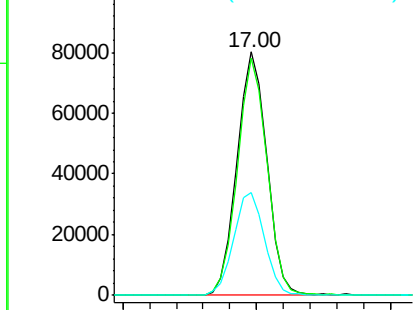
#41
 2,4,6-Tribromophenol
 Concen: 80.969 ng
 RT: 17.00 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 124121
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 44.1 25.2 37.8#

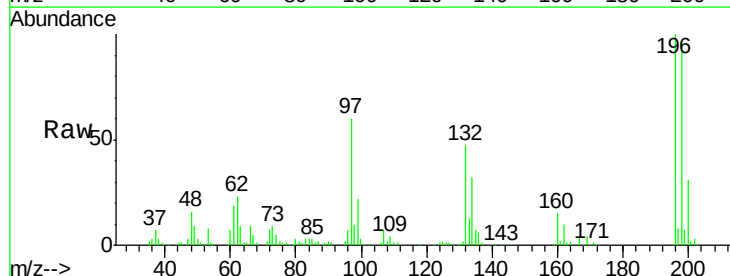


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

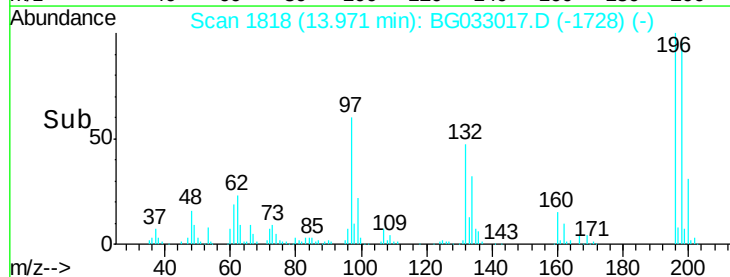
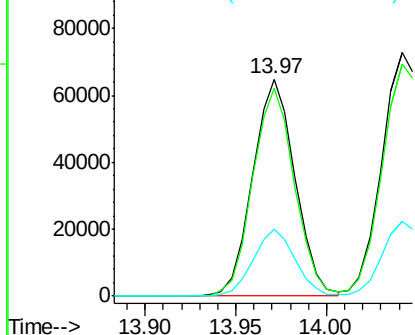


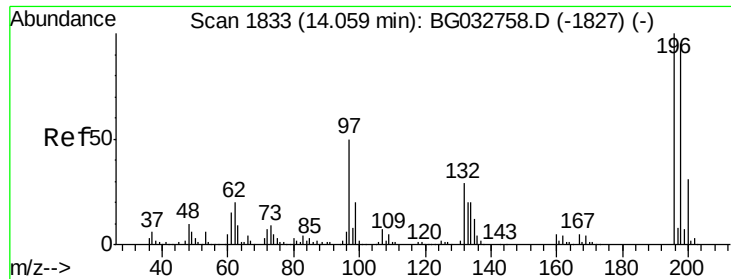
#42
 2,4,6-Trichlorophenol
 Concen: 38.740 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Tgt Ion:196 Resp: 105733
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.2 117.2
 200 30.7 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

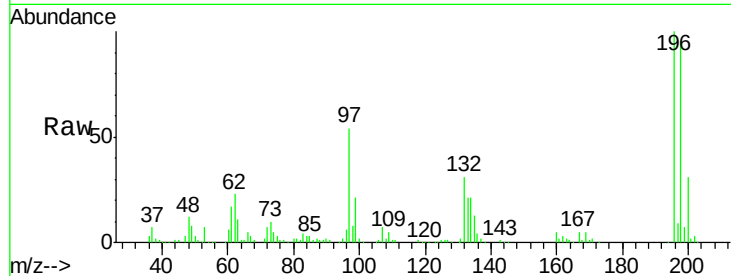




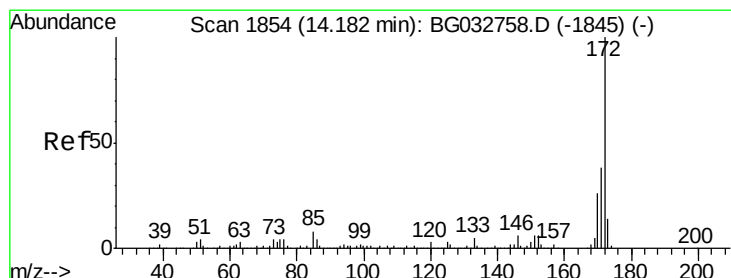
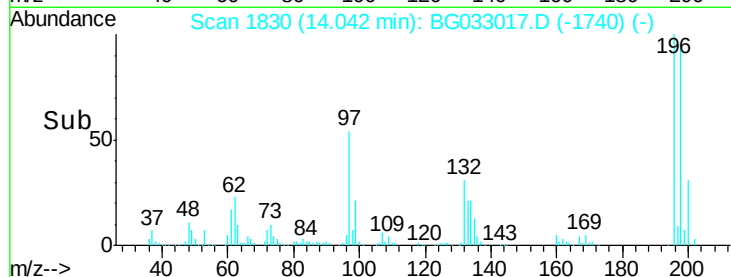
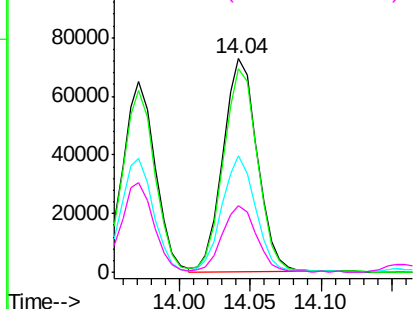
#43
 2,4,5-Trichlorophenol
 Concen: 38.897 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 122872
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.2 114.4
 97 54.3 38.7 58.1
 132 31.3 20.2 30.2#

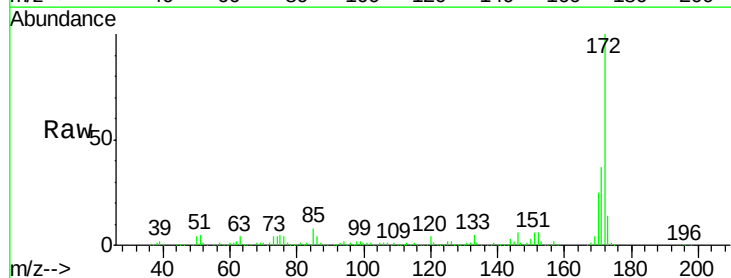


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

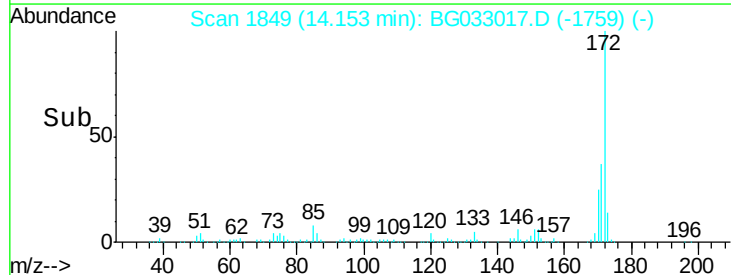
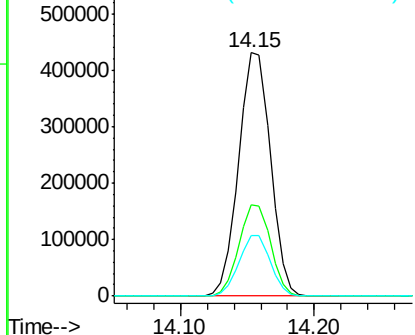


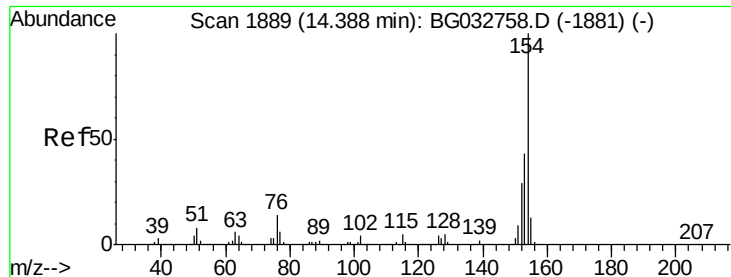
#44
 2-Fluorobiphenyl
 Concen: 70.398 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Tgt Ion:172 Resp: 711623
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 24.8 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

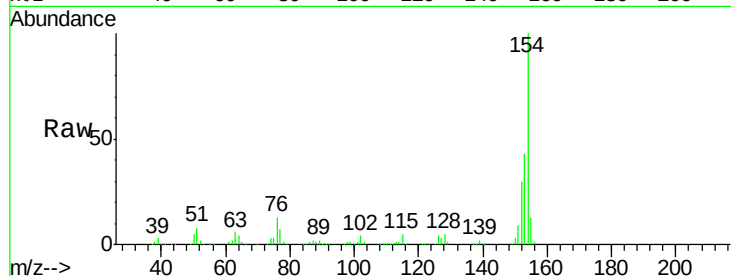




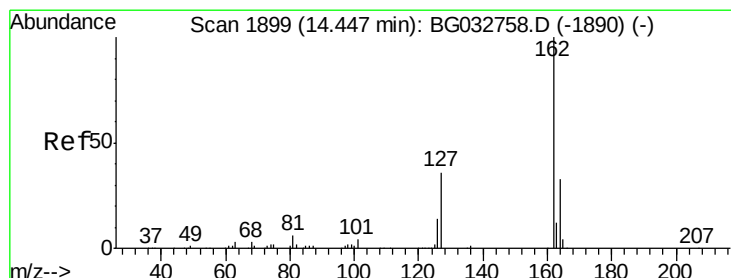
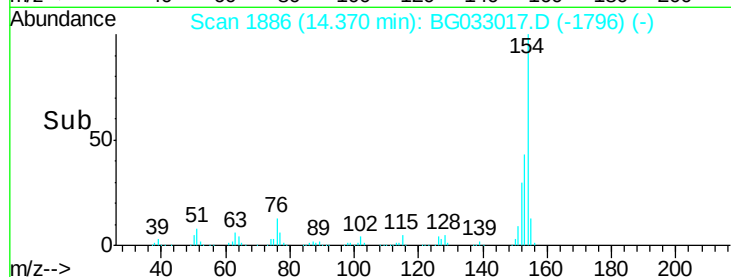
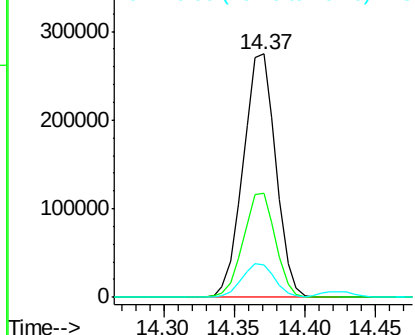
#45
 1,1'-Biphenyl
 Concen: 34.941 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.9	19.8	59.8
76	13.2	0.0	31.9

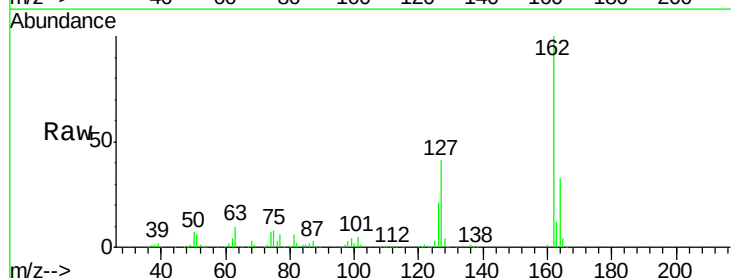


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

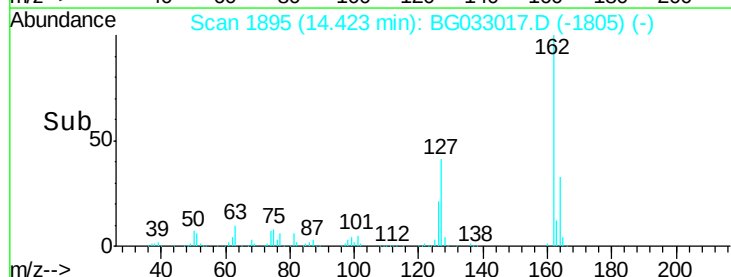
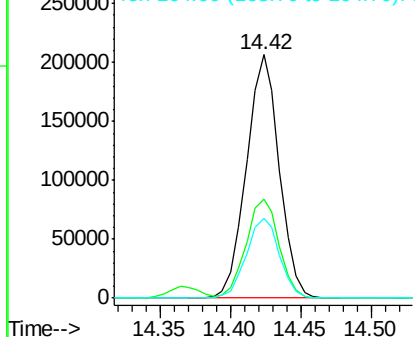


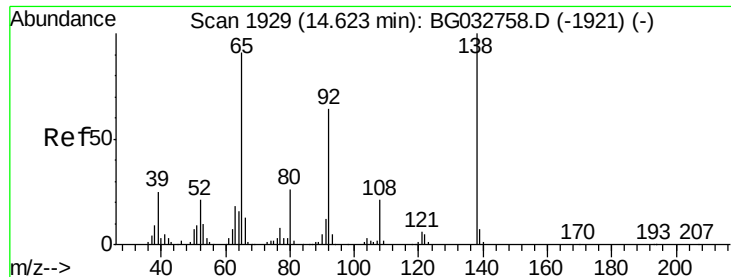
#46
 2-Chloronaphthalene
 Concen: 35.170 ng
 RT: 14.42 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.7	46.1
164	32.5	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

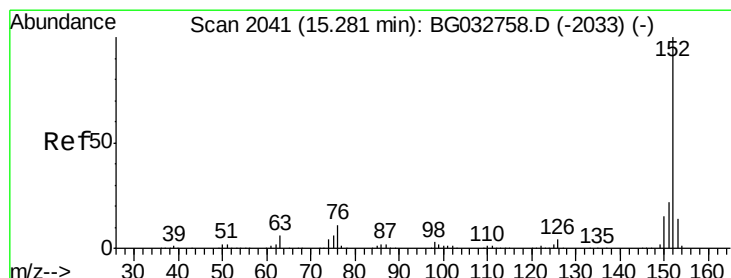
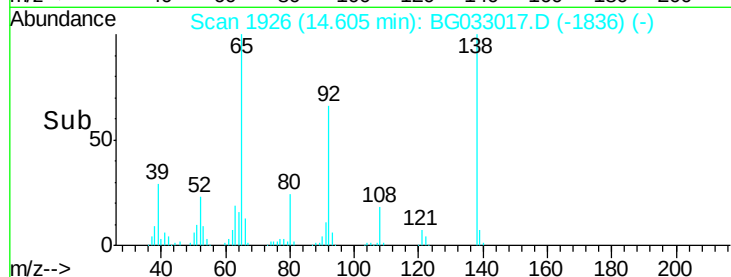
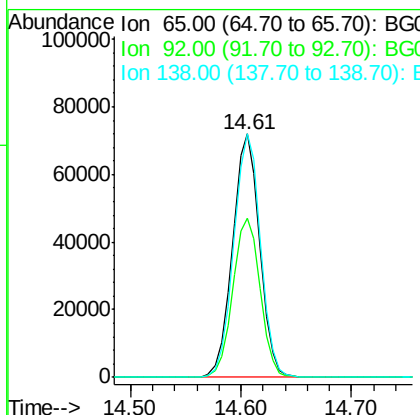
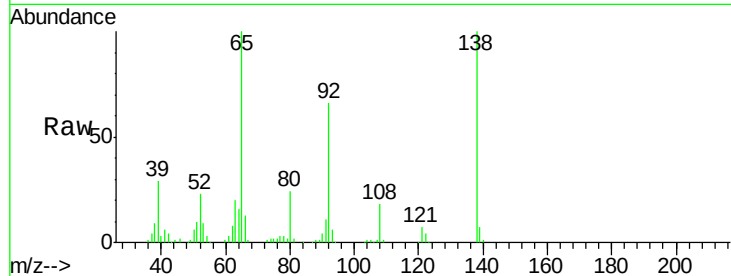




#47
2-Nitroaniline
Concen: 50.815 ng
RT: 14.61 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

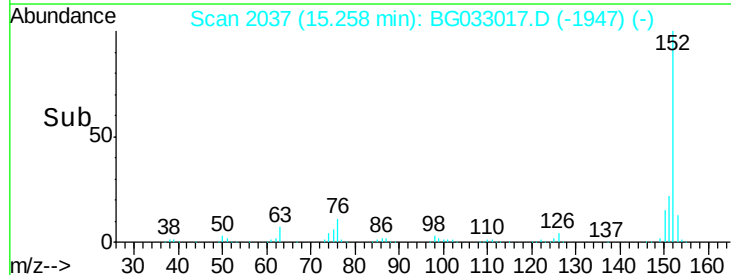
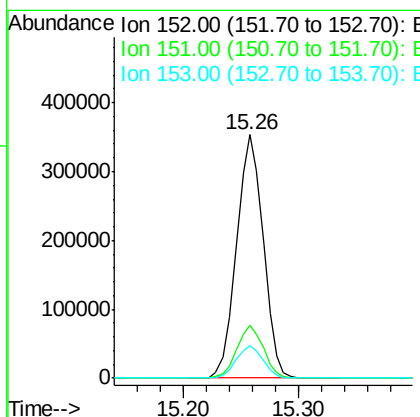
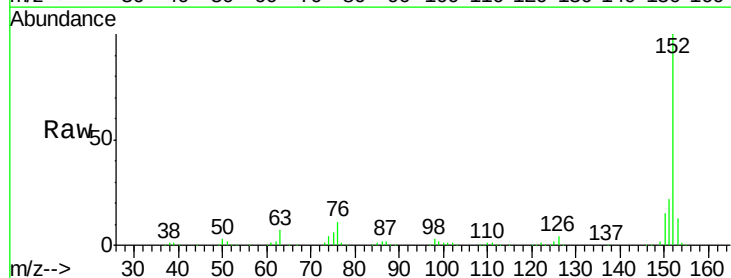
Instrument :
BNA_G
ClientSampled :

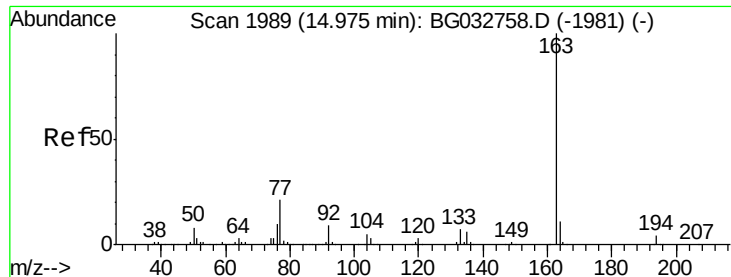
Tot Ion: 65 Resp: 123701
Ion Ratio Lower Upper
65 100
92 65.6 54.6 82.0
138 99.8 72.9 109.3



#48
Acenaphthylene
Concen: 36.132 ng
RT: 15.26 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion: 152 Resp: 562968
Ion Ratio Lower Upper
152 100
151 21.8 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 36.328 ng

RT: 14.95 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampleId :

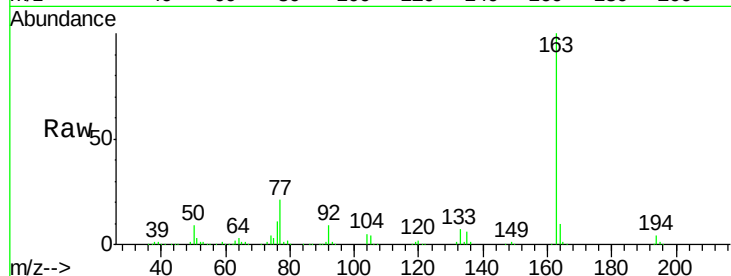
Tot Ion:163 Resp: 449704

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

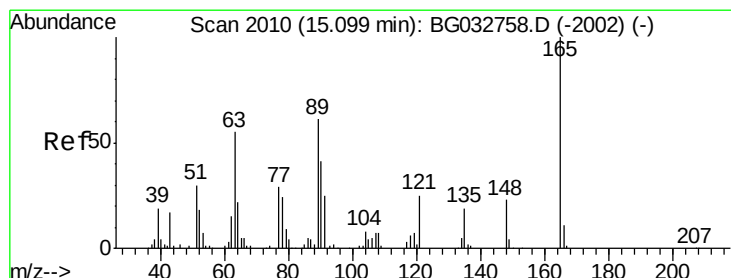
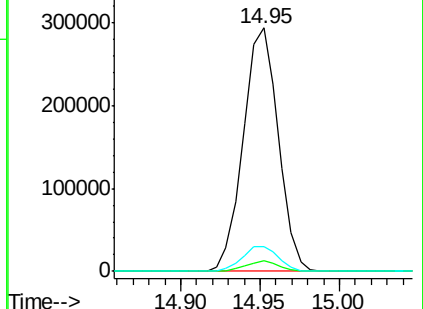
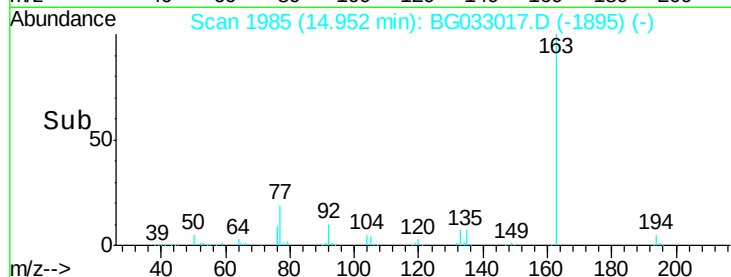
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.050 ng

RT: 15.08 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

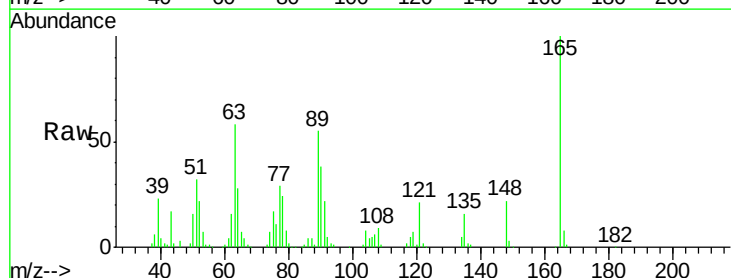
Tgt Ion:165 Resp: 95960

Ion Ratio Lower Upper

165 100

63 58.0 52.7 79.1

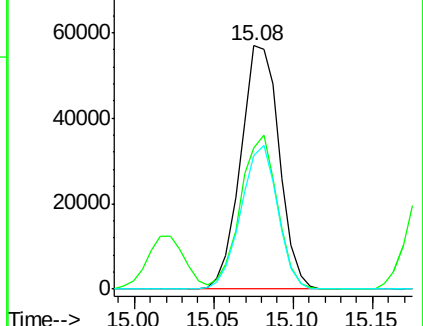
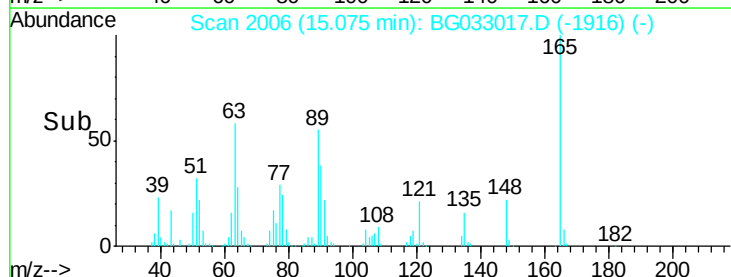
89 54.9 49.2 73.8

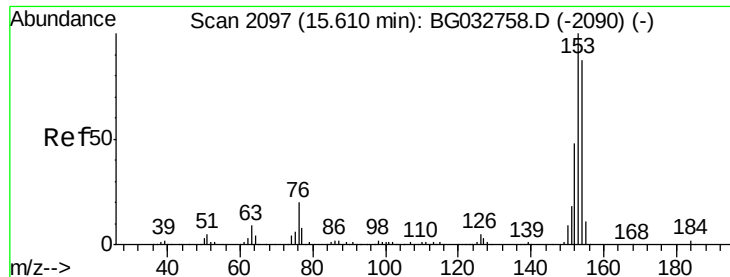


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 36.486 ng

RT: 15.59 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampleId :

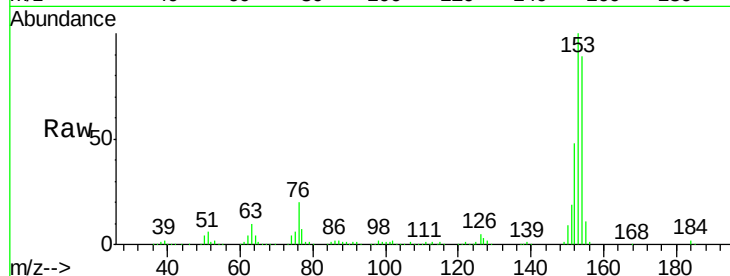
Tot Ion:154 Resp: 354041

Ion Ratio Lower Upper

154 100

153 112.2 90.4 135.6

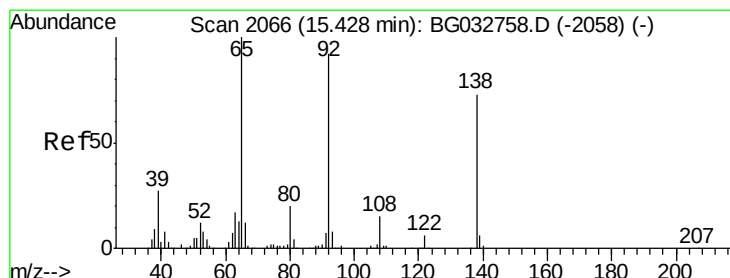
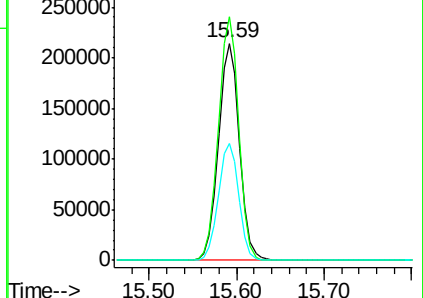
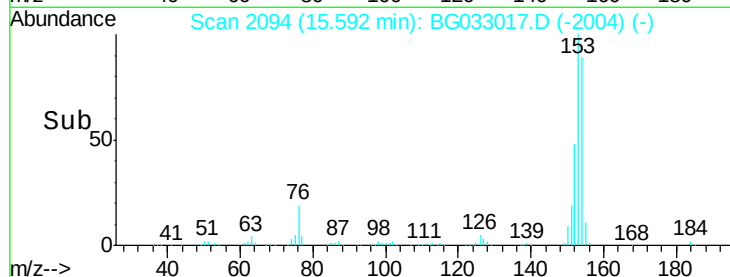
152 54.0 41.6 62.4



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: 44.339 ng

RT: 15.41 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

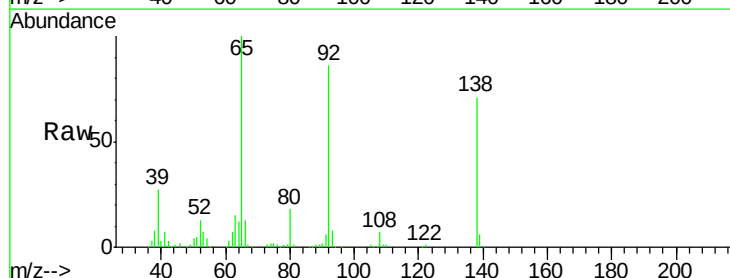
Tgt Ion:138 Resp: 110660

Ion Ratio Lower Upper

138 100

108 10.1 17.5 26.3#

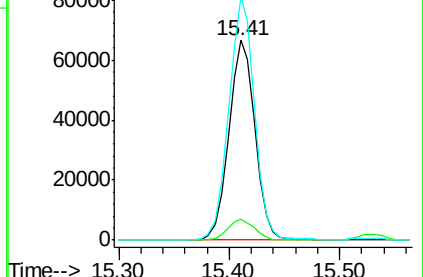
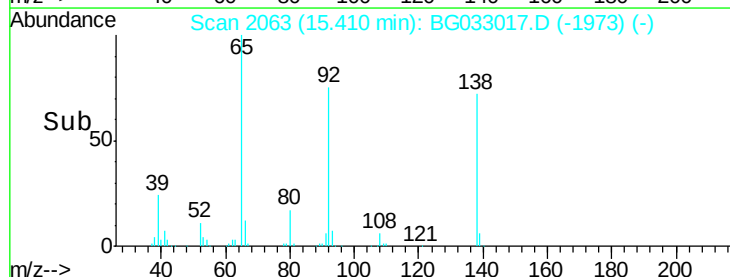
92 121.7 105.8 158.8

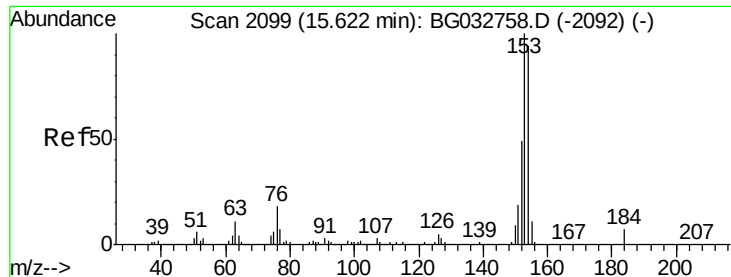


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

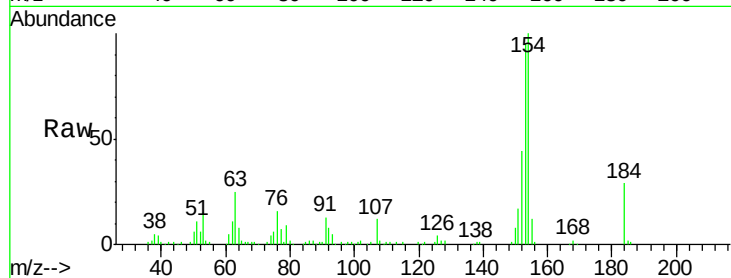




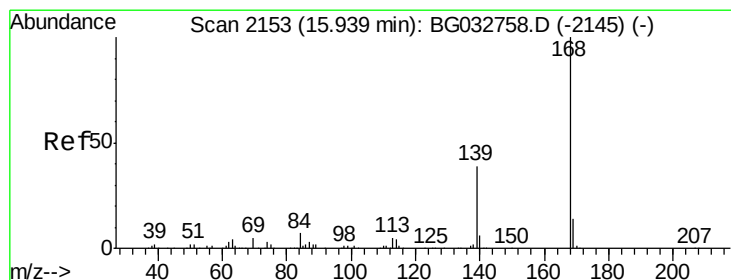
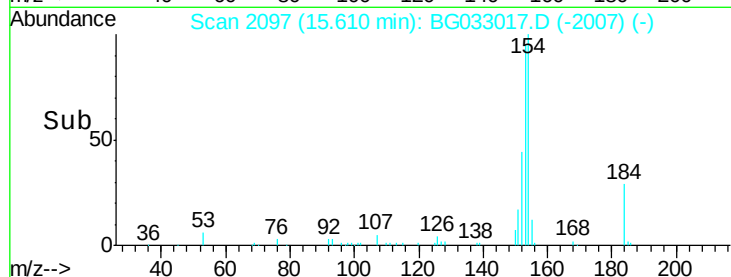
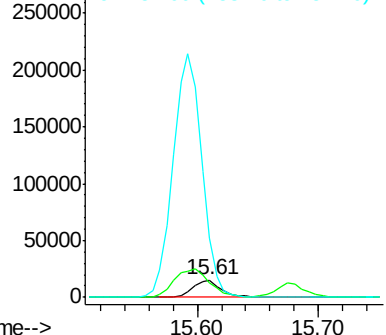
#53
 2,4-Dinitrophenol
 Concen: 47.799 ng
 RT: 15.61 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 25821
 Ion Ratio Lower Upper
 184 100
 63 86.1 59.8 89.8
 154 339.4 101.8 152.8#

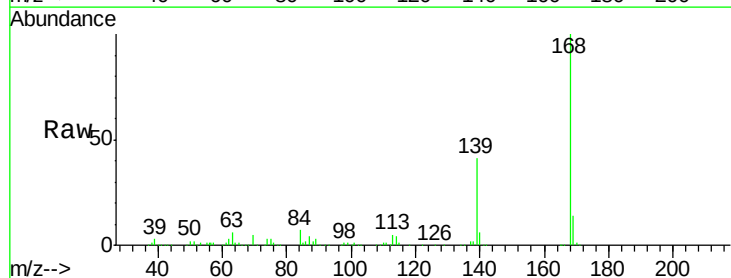


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

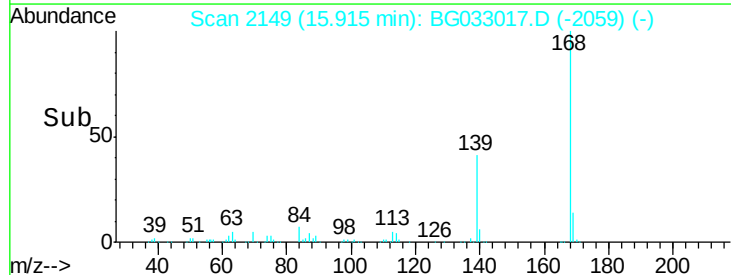
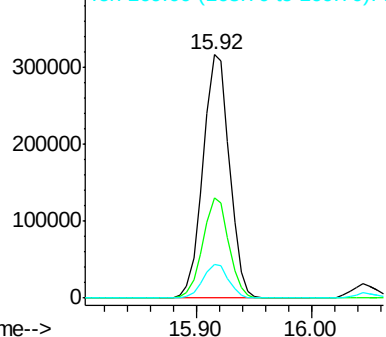


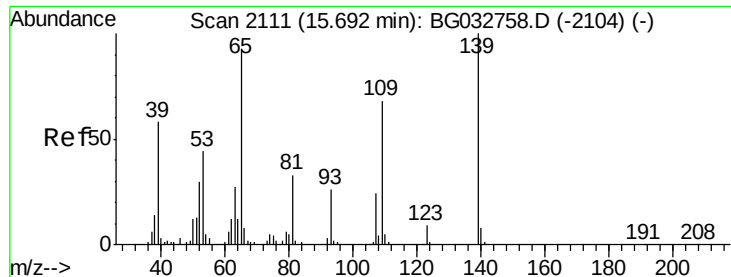
#54
 Dibenzofuran
 Concen: 36.255 ng
 RT: 15.92 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Tgt Ion:168 Resp: 500927
 Ion Ratio Lower Upper
 168 100
 139 41.0 28.6 43.0
 169 14.0 11.2 16.8



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

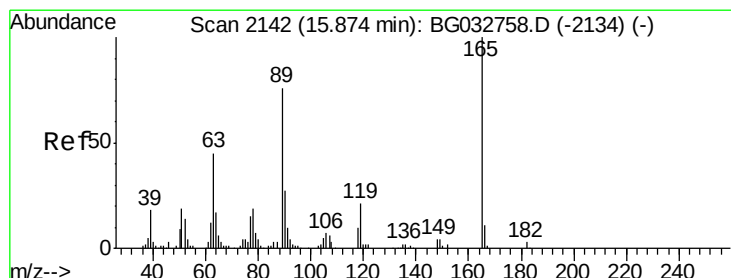
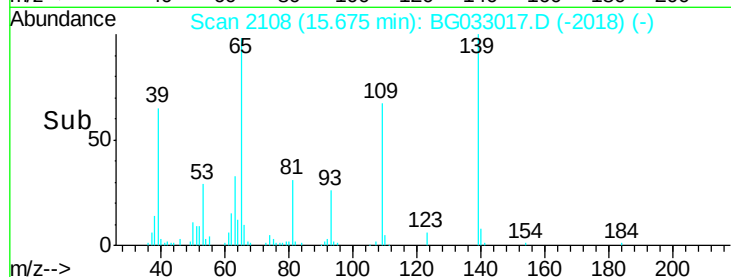
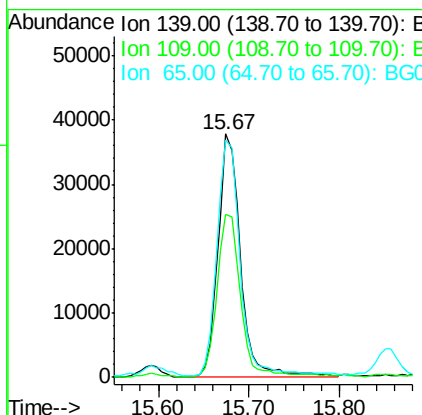
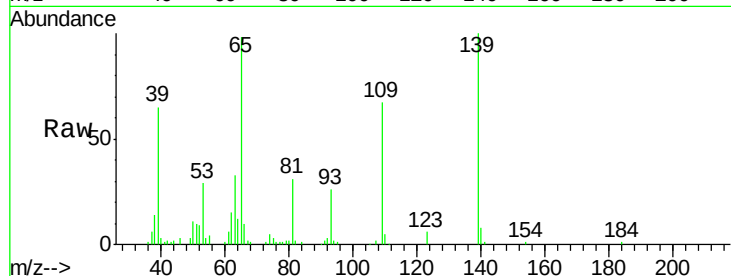




#55
4-Nitrophenol
Concen: 36.329 ng
RT: 15.67 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

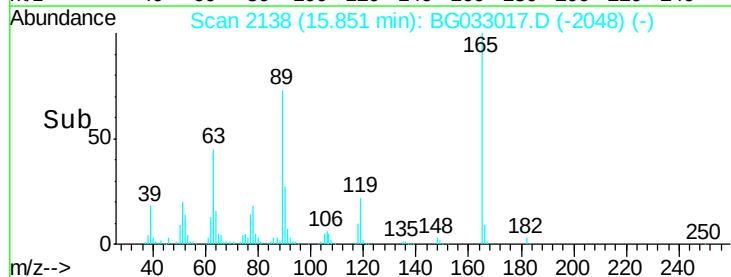
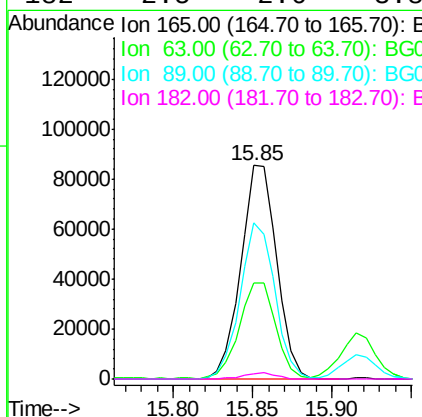
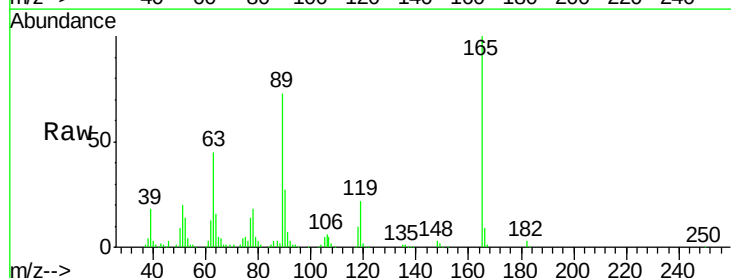
Instrument :
BNA_G
ClientSampled :

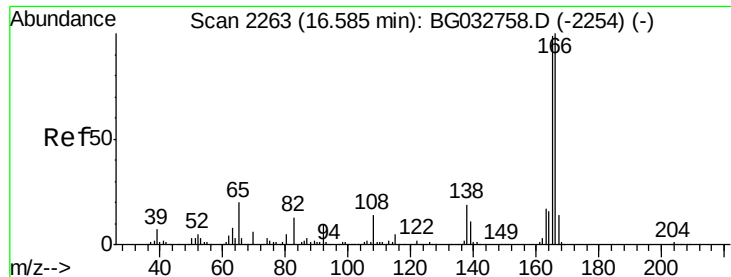
Tot Ion:139 Resp: 65048
Ion Ratio Lower Upper
139 100
109 66.8 62.2 102.2
65 97.7 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 54.092 ng
RT: 15.85 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion:165 Resp: 133826
Ion Ratio Lower Upper
165 100
63 45.1 42.0 63.0
89 72.9 66.9 100.3
182 2.5 2.6 3.8#





#57

Fluorene

Concen: 36.372 ng

RT: 16.56 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampleId :

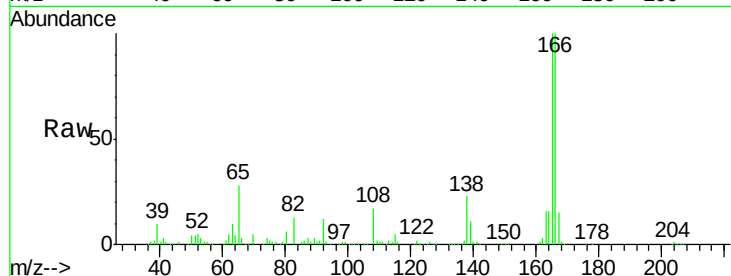
Tot Ion:166 Resp: 414785

Ion Ratio Lower Upper

166 100

165 100.4 80.6 121.0

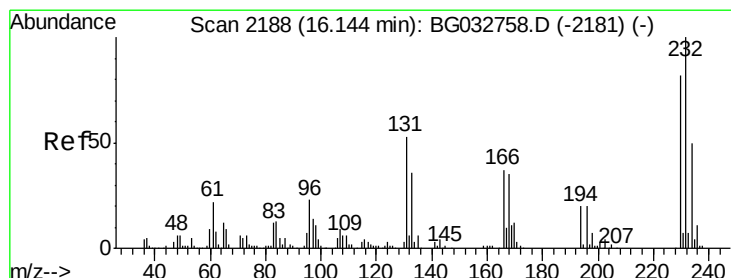
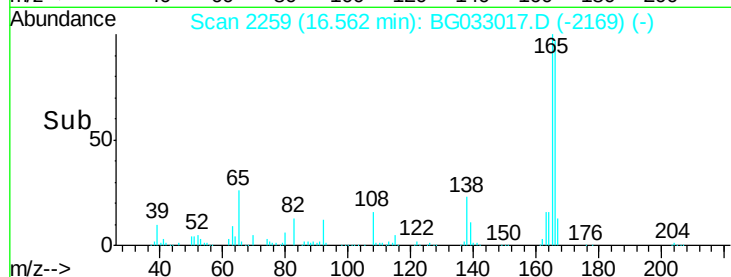
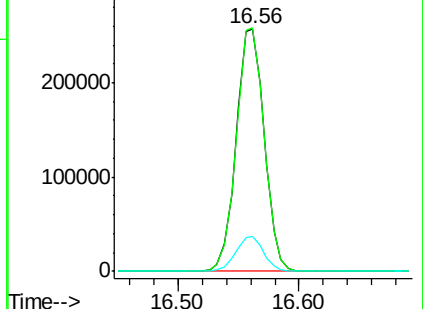
167 14.6 10.4 15.6



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: 40.558 ng

RT: 16.04 min Scan# 2171

Delta R.T. -0.08 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Tgt Ion:232 Resp: 99470

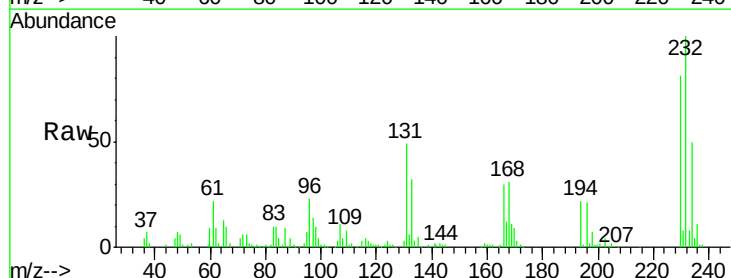
Ion Ratio Lower Upper

232 100

131 46.8 33.5 50.3

130 2.9 2.2 3.2

166 28.5 24.8 37.2

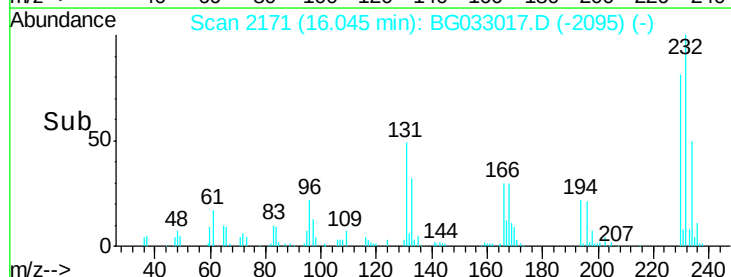
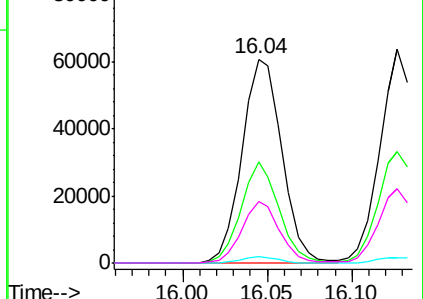


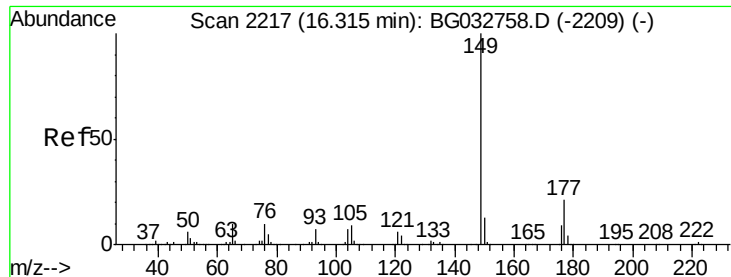
Abundance Ion 232.00 (231.70 to 232.70): E

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

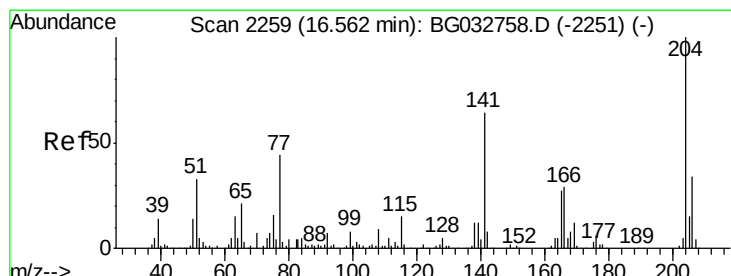
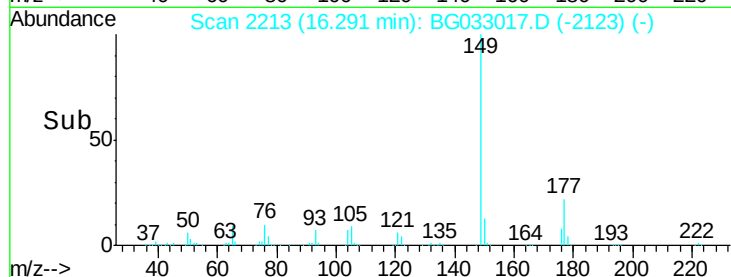
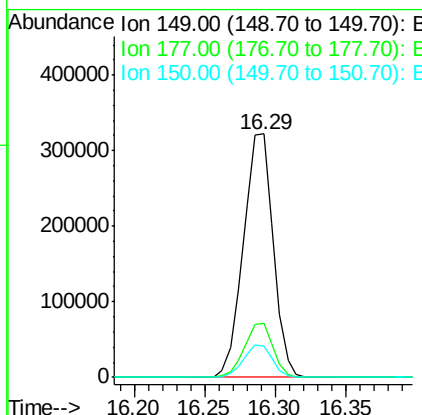
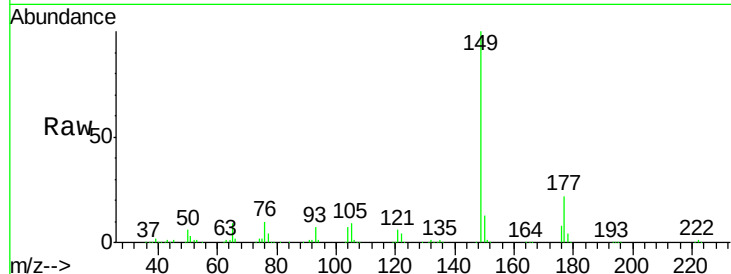




#59
Diethylphthalate
Concen: 36.542 ng
RT: 16.29 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

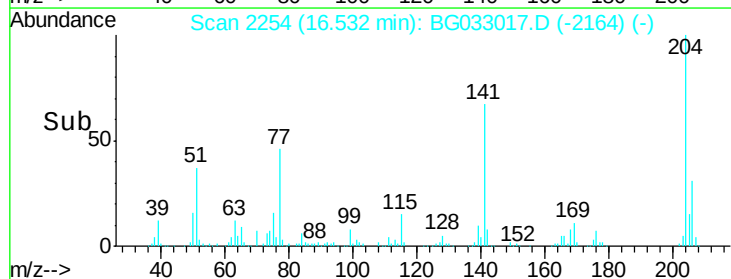
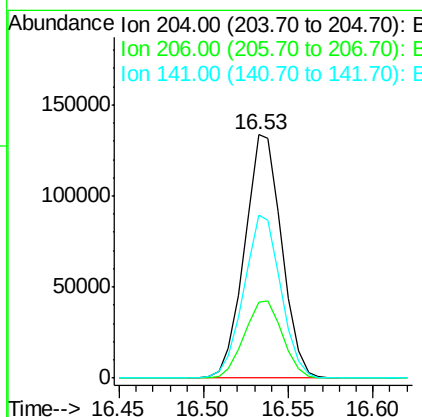
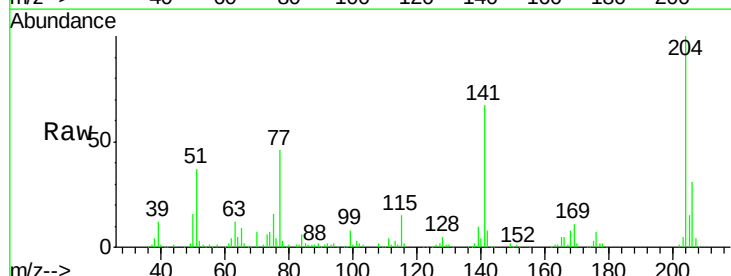
Instrument :
BNA_G
ClientSampled :

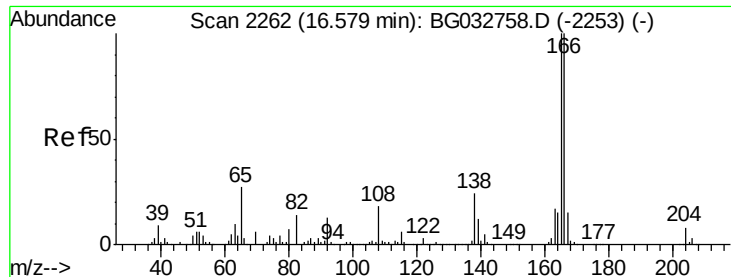
Tot Ion:149 Resp: 477119
Ion Ratio Lower Upper
149 100
177 22.1 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.427 ng
RT: 16.53 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion:204 Resp: 203212
Ion Ratio Lower Upper
204 100
206 31.1 26.2 39.2
141 66.8 45.8 68.6





#61

4-Nitroaniline

Concen: 40.487 ng

RT: 16.56 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampleId :

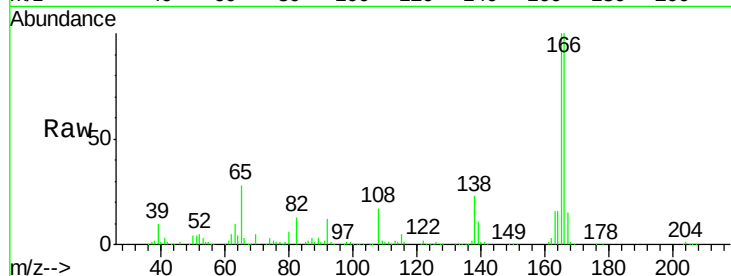
Tot Ion:138 Resp: 106002

Ion Ratio Lower Upper

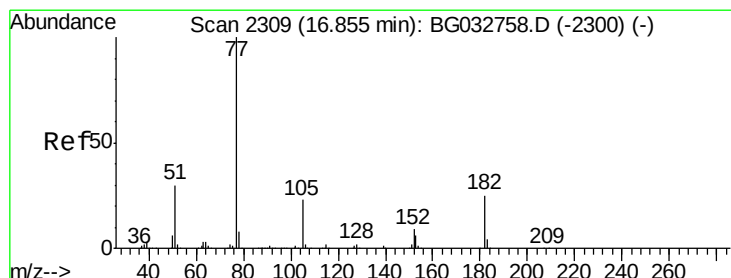
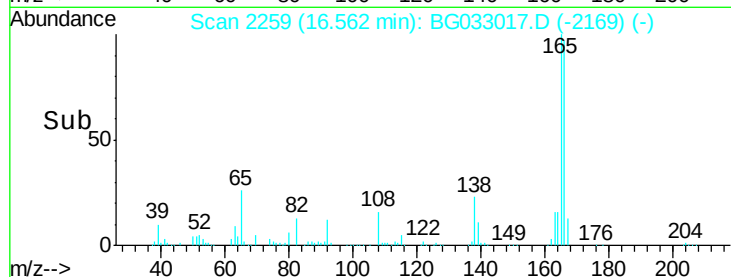
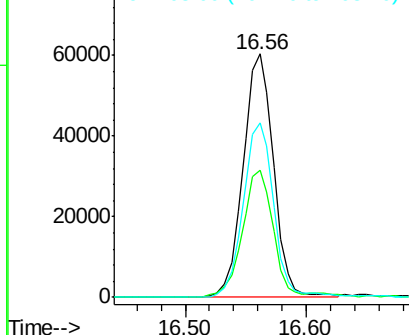
138 100

92 52.1 40.1 80.1

108 71.9 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: 37.195 ng

RT: 16.83 min Scan# 2304

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Tgt Ion: 77 Resp: 434467

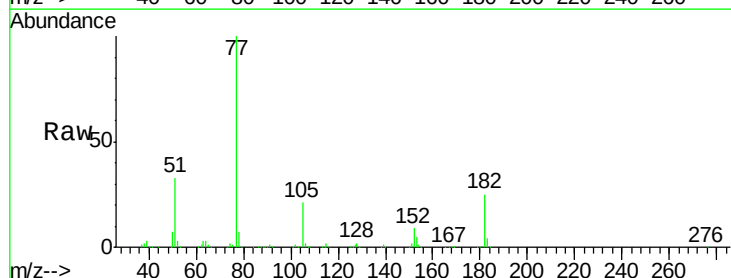
Ion Ratio Lower Upper

77 100

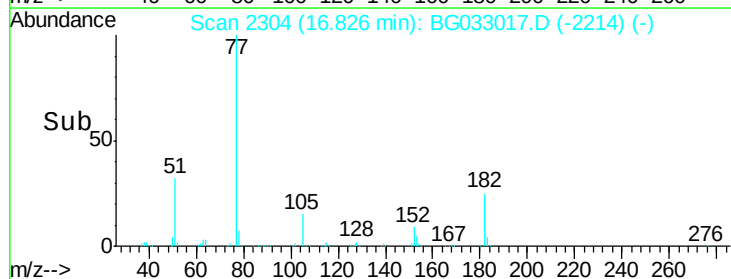
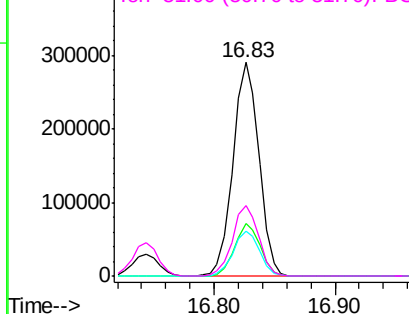
182 24.5 7.4 47.4

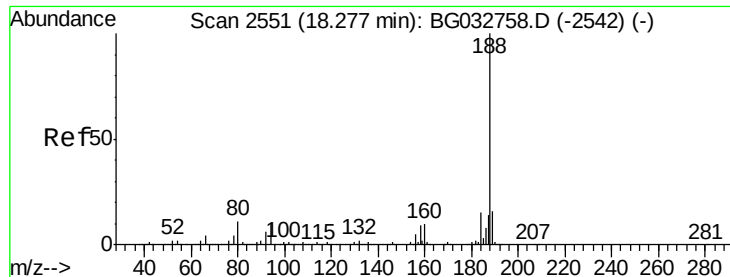
105 21.2 0.3 40.3

51 32.9 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

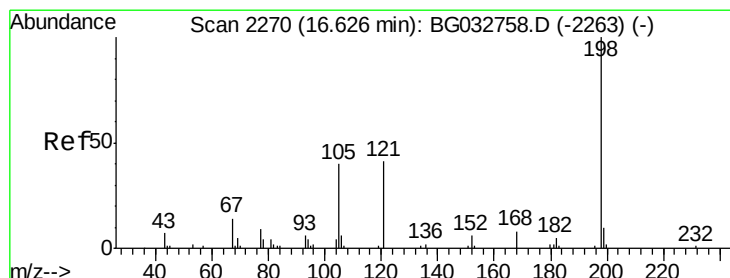
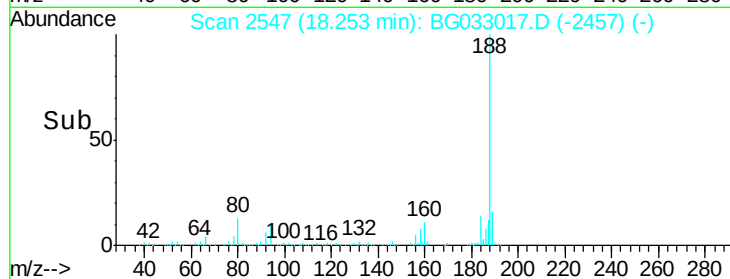
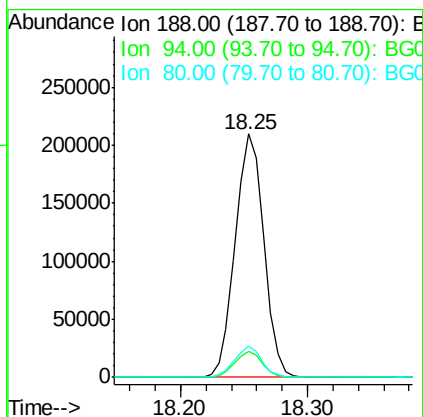
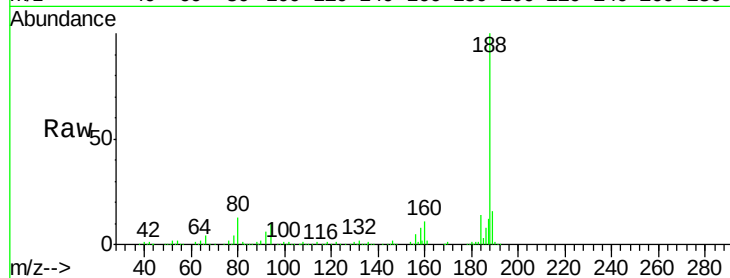




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

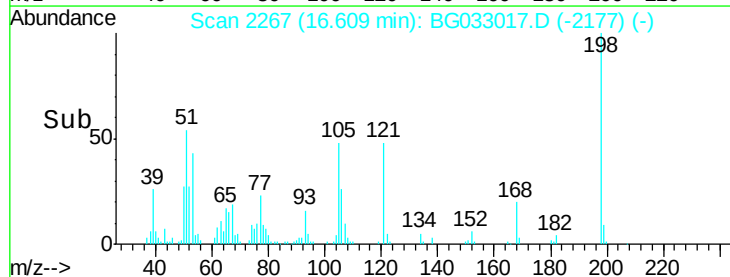
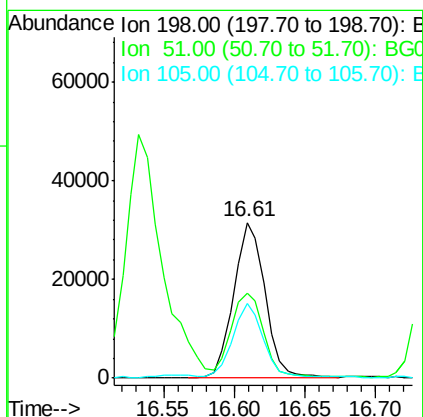
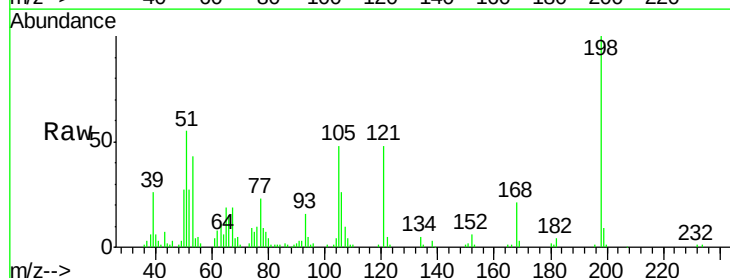
Instrument :
BNA_G
ClientSampleId :

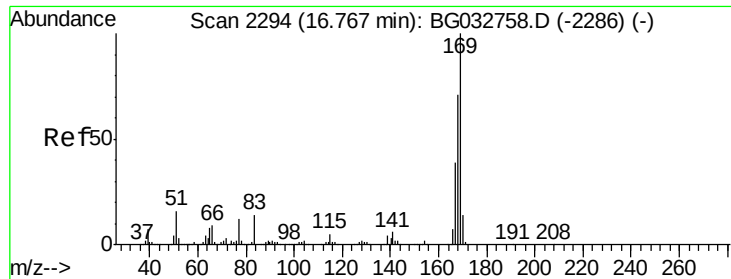
Tot Ion:188 Resp: 327466
Ion Ratio Lower Upper
188 100
94 10.5 6.9 10.3#
80 12.5 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 50.475 ng
RT: 16.61 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion:198 Resp: 49112
Ion Ratio Lower Upper
198 100
51 54.7 30.6 70.6
105 48.3 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 35.685 ng

RT: 16.74 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampleId :

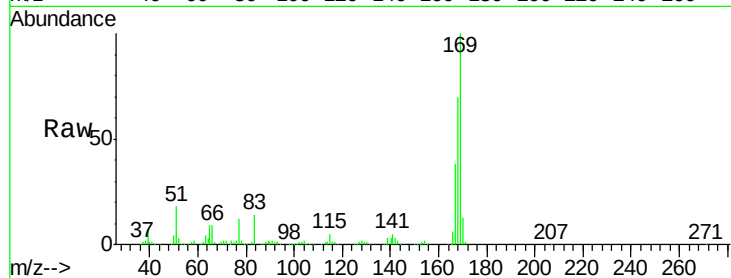
Tot Ion:169 Resp: 380149

Ion Ratio Lower Upper

169 100

168 70.2 55.7 83.5

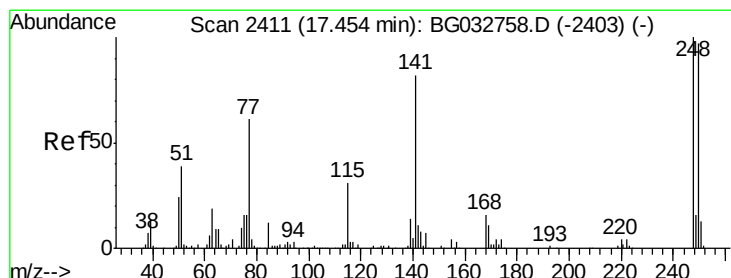
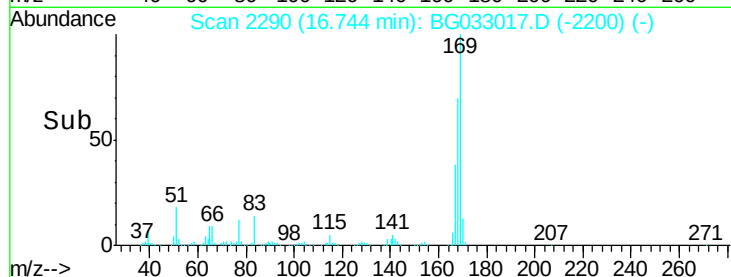
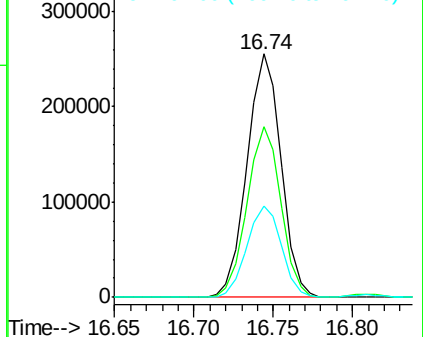
167 37.5 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.951 ng

RT: 17.43 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

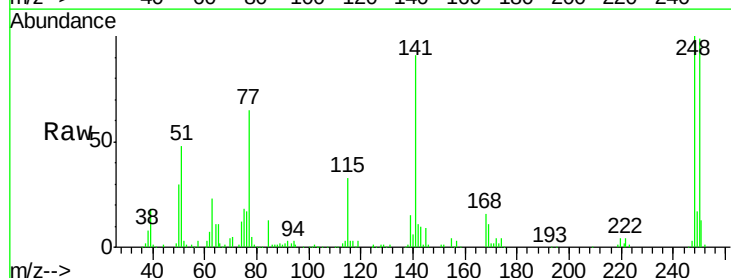
Tgt Ion:248 Resp: 121023

Ion Ratio Lower Upper

248 100

250 99.3 77.1 115.7

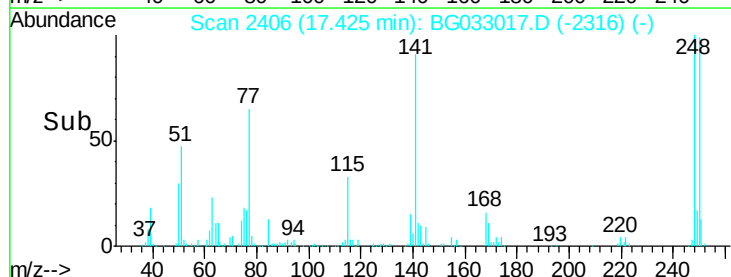
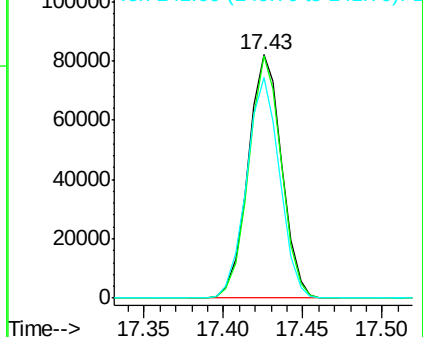
141 90.6 50.8 76.2#

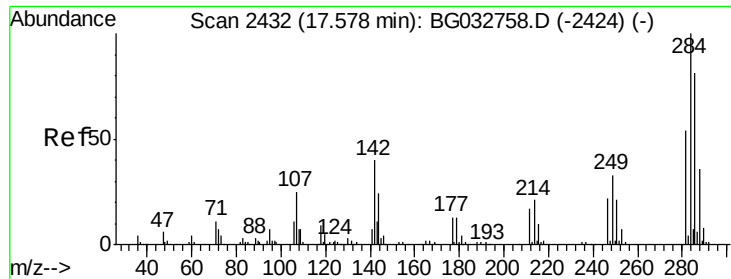


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

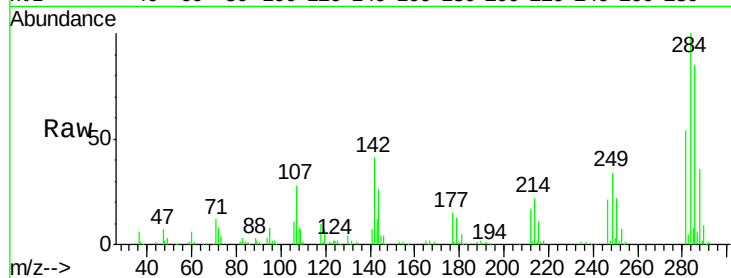




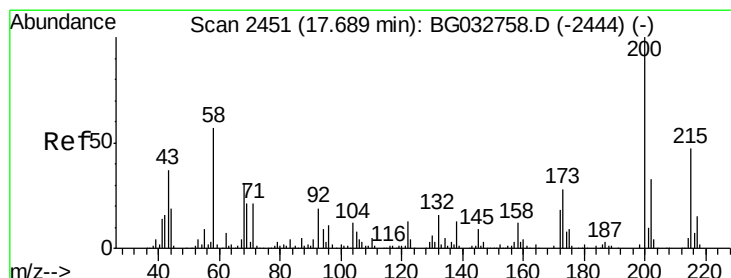
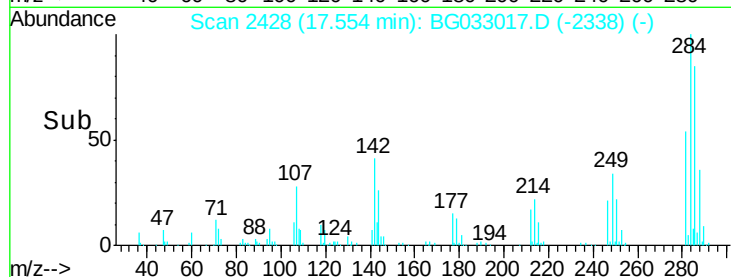
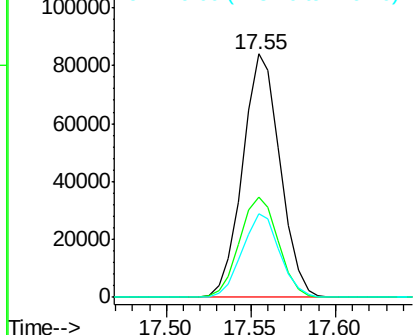
#67
Hexachlorobenzene
Concen: 34.558 ng
RT: 17.55 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 129313
Ion Ratio Lower Upper
284 100
142 41.4 26.8 40.2#
249 34.3 26.3 39.5

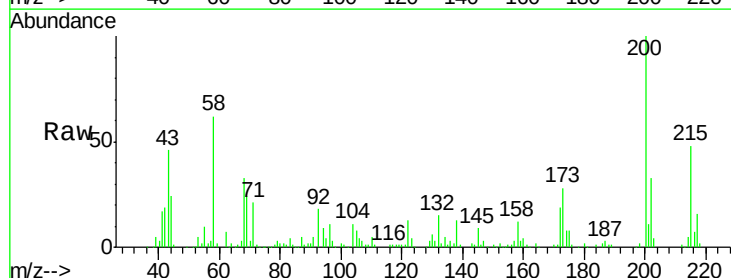


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

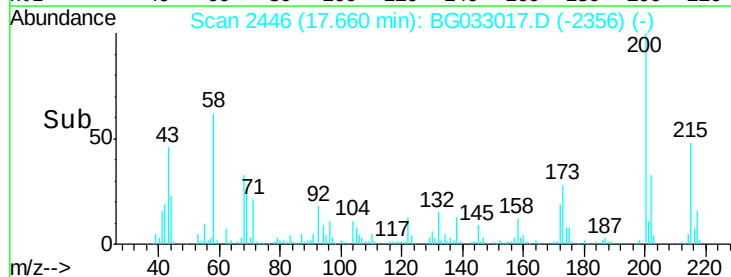
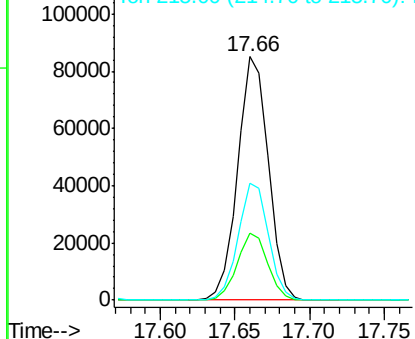


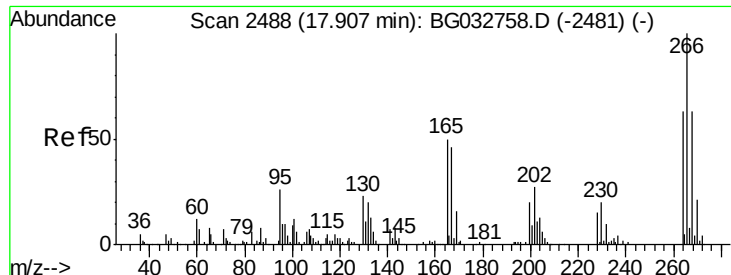
#68
Atrazine
Concen: 34.587 ng
RT: 17.66 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion:200 Resp: 121282
Ion Ratio Lower Upper
200 100
173 27.6 5.2 45.2
215 47.9 30.4 70.4



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

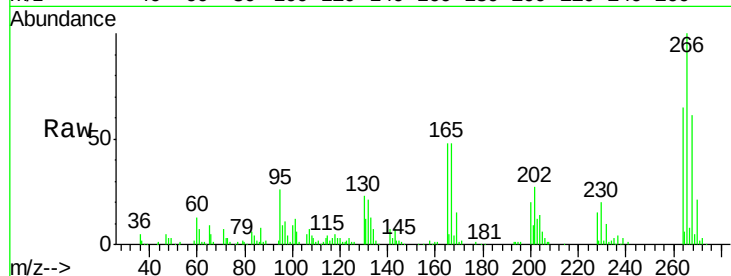




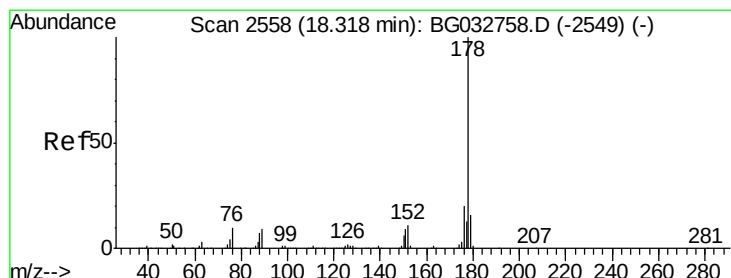
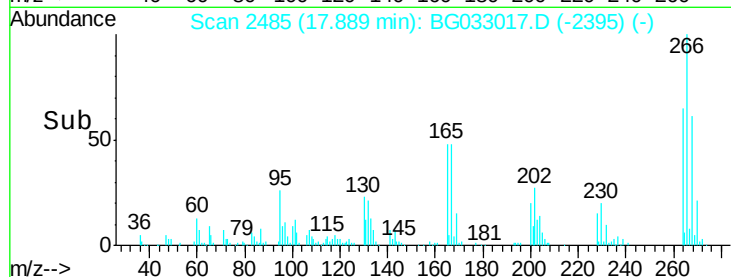
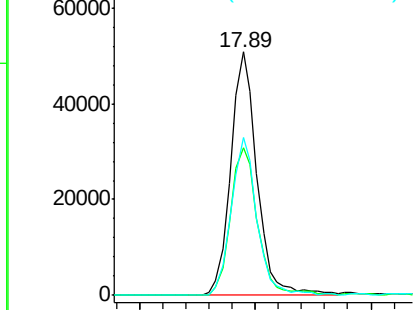
#69
 Pentachlorophenol
 Concen: 33.971 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 80067
 Ion Ratio Lower Upper
 266 100
 268 60.7 51.1 76.7
 264 65.0 49.6 74.4

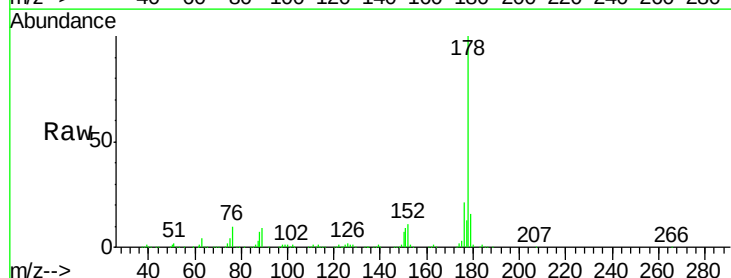


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

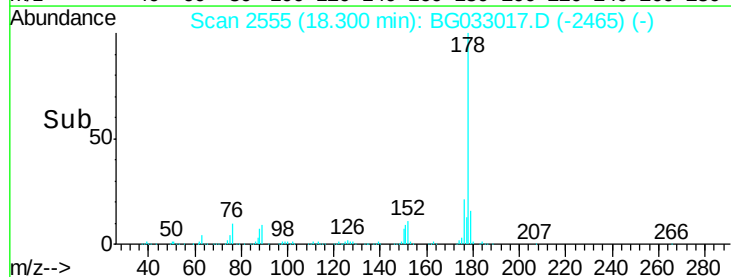
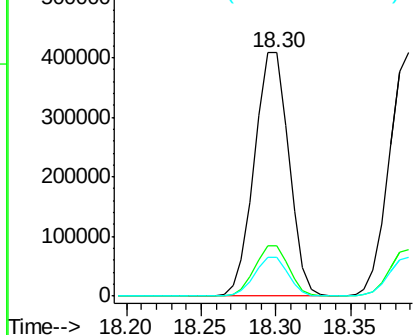


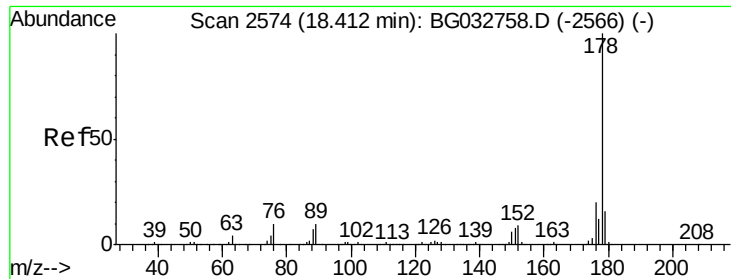
#70
 Phenanthrene
 Concen: 35.766 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Tgt Ion:178 Resp: 653414
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.7 23.5
 179 16.2 12.5 18.7



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

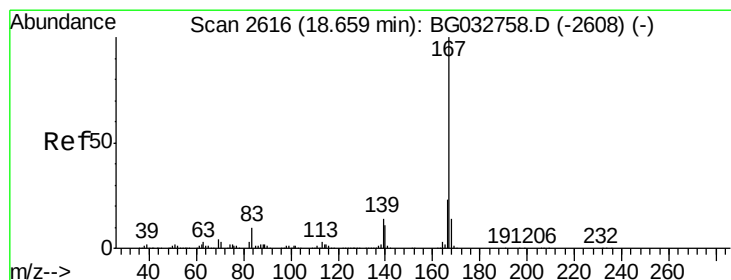
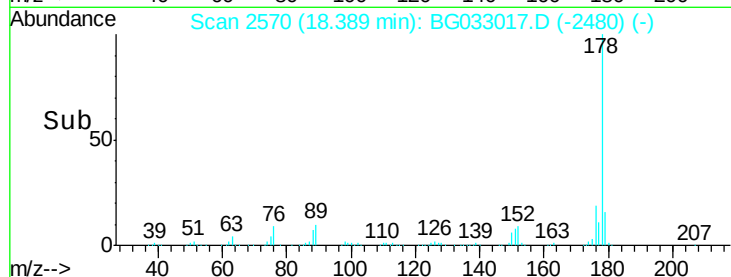
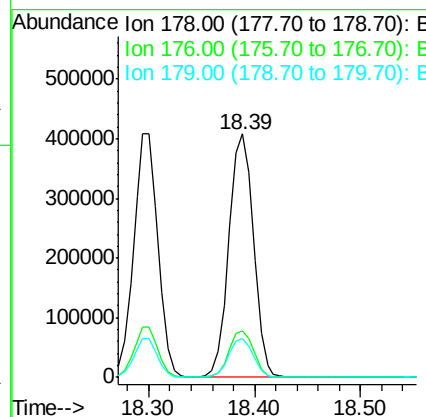
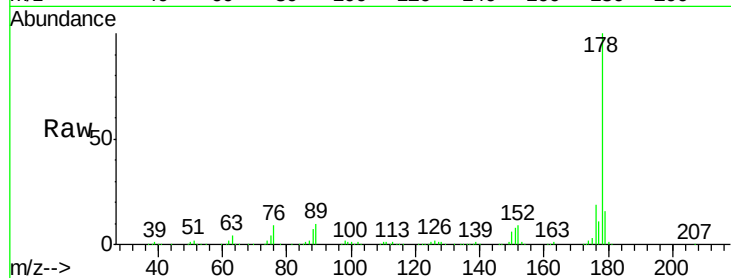




#71
 Anthracene
 Concen: 35.808 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

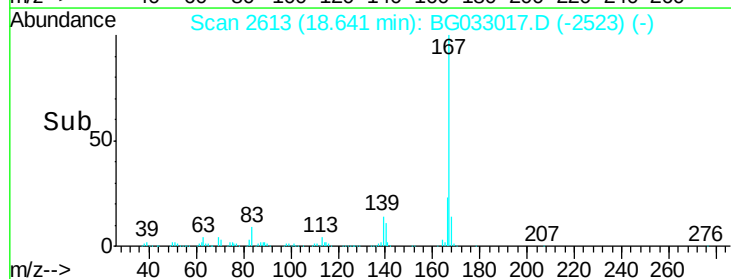
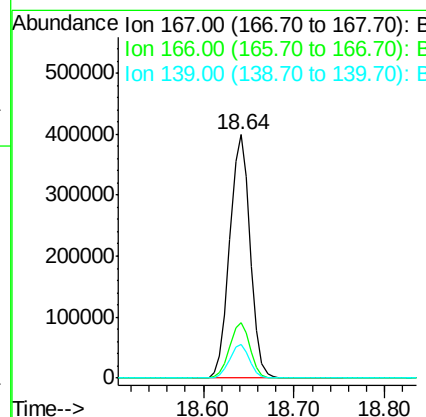
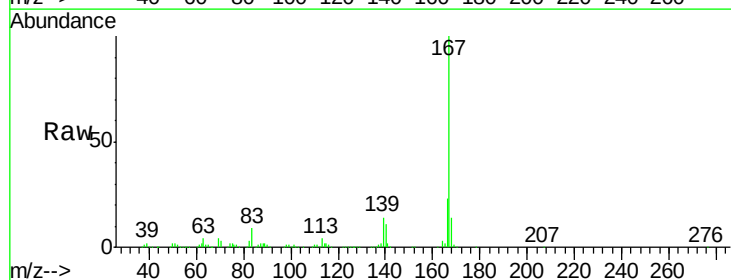
Instrument :
 BNA_G
 ClientSampleId :

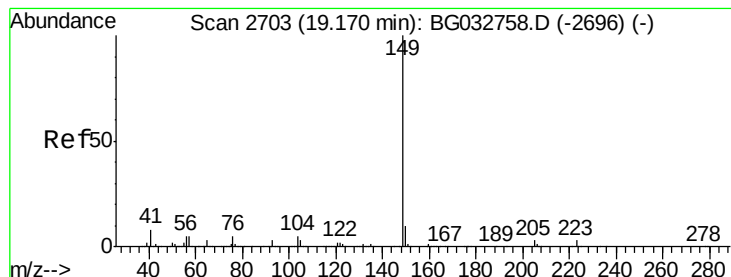
Tot Ion:178 Resp: 656776
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 34.465 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Tgt Ion:167 Resp: 623085
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 13.8 9.4 14.2





#73

Di-n-butylphthalate

Concen: 35.834 ng

RT: 19.14 min Scan# 2698

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampleId :

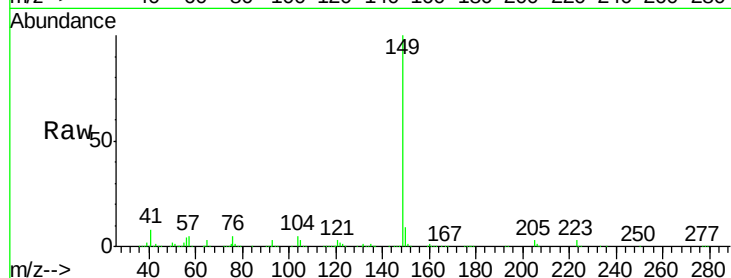
Tot Ion:149 Resp: 794757

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

104 5.1 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

19.14

800000

600000

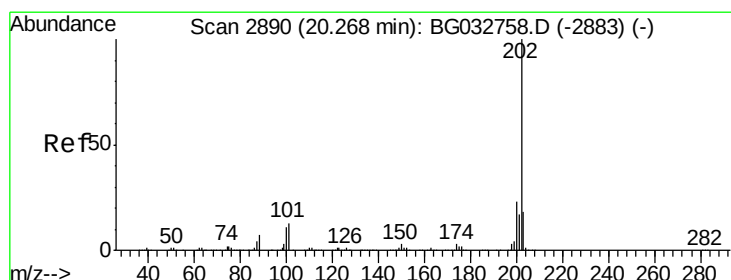
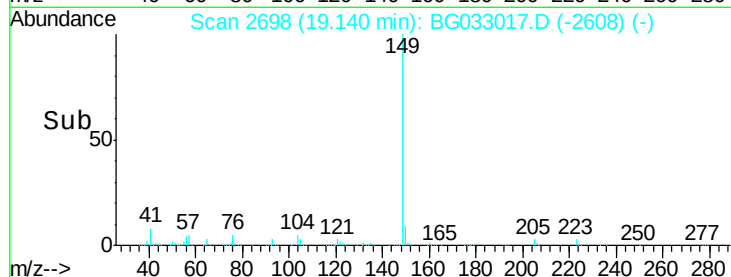
400000

200000

0

19.10 19.20

Time-->



#74

Fluoranthene

Concen: 35.499 ng

RT: 20.24 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

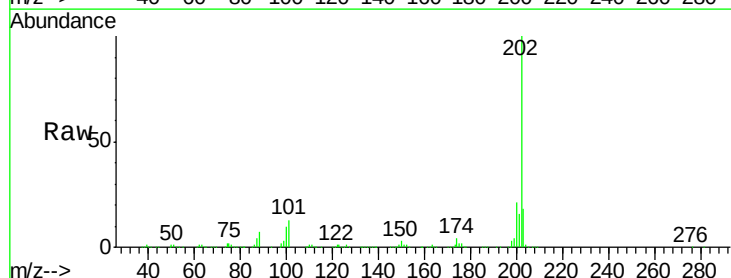
Tgt Ion:202 Resp: 716408

Ion Ratio Lower Upper

202 100

101 13.2 0.0 28.9

203 18.0 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

20.24

600000

500000

400000

300000

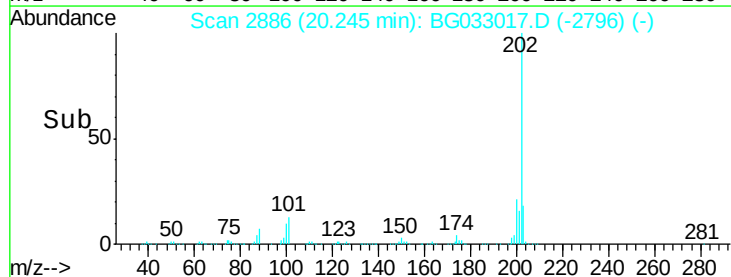
200000

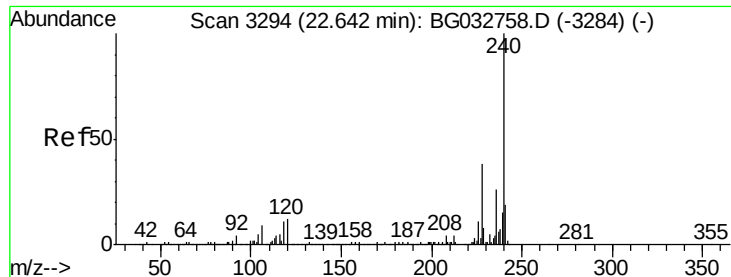
100000

0

20.20 20.30 20.40

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampleId :

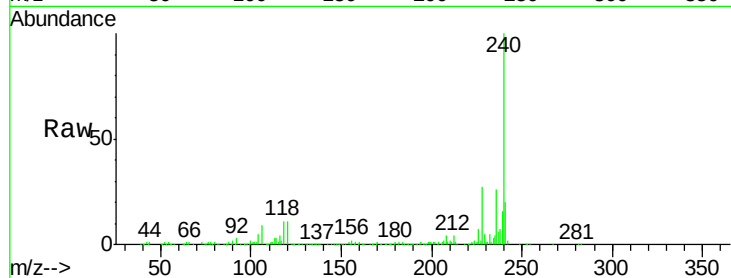
Tot Ion:240 Resp: 295168

Ion Ratio Lower Upper

240 100

120 11.2 6.8 10.2#

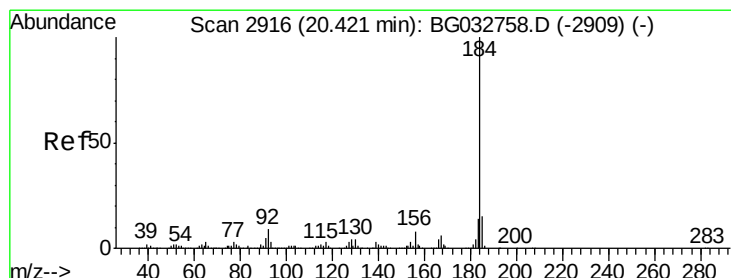
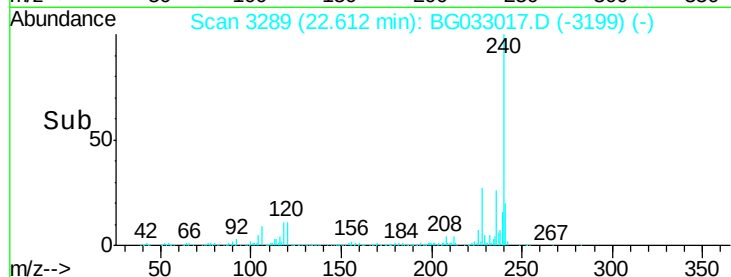
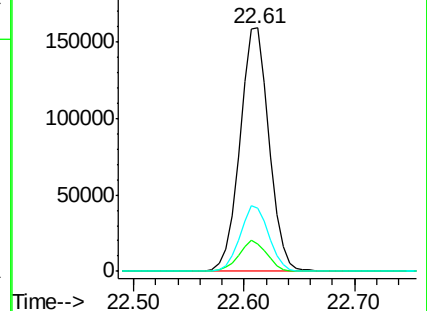
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.981 ng

RT: 20.40 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

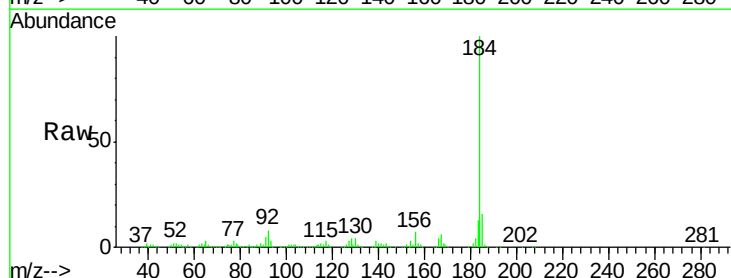
Tgt Ion:184 Resp: 402263

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

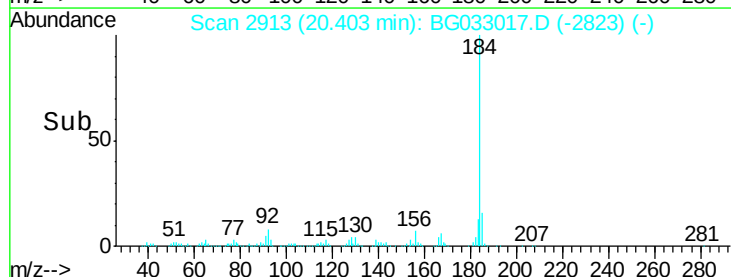
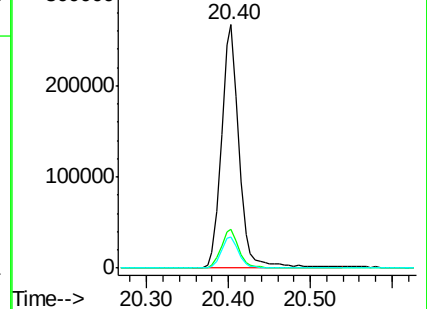
183 12.6 10.6 16.0

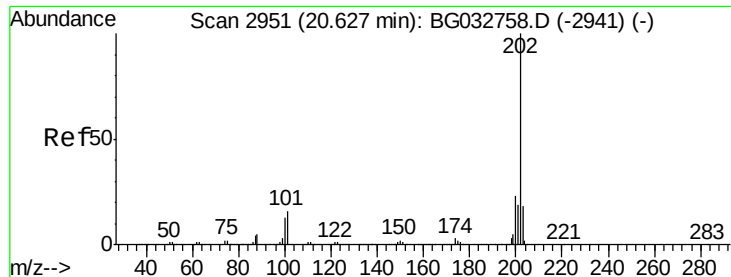


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.200 ng

RT: 20.60 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG033017.D

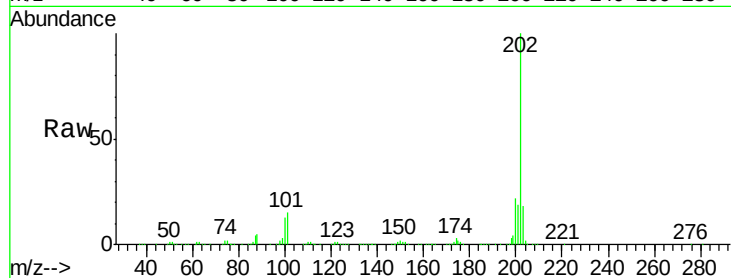
Acq: 6 Mar 2018 11:50

Instrument :

BNA_G

ClientSampleId :

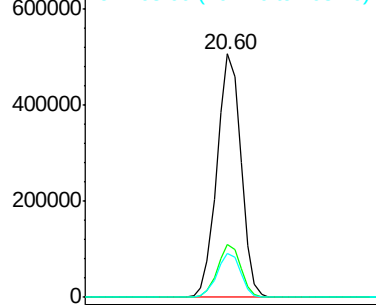
Tot Ion:	202	Resp:	732697
Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	18.3	13.9	20.9



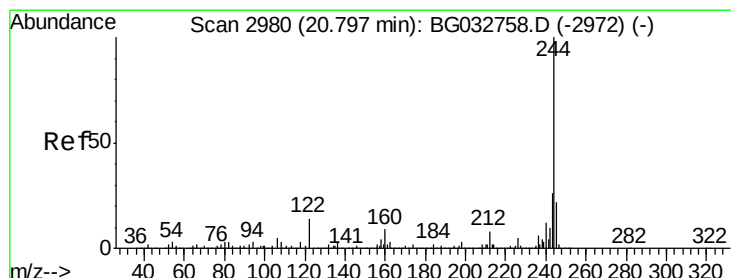
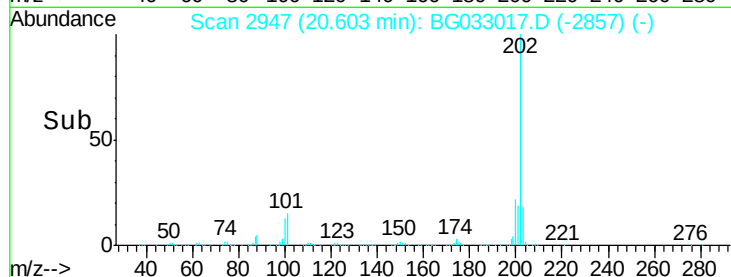
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 70.145 ng

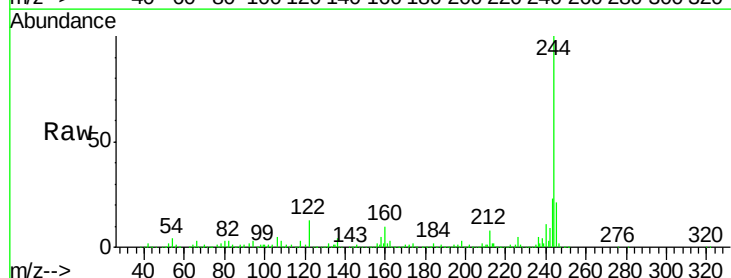
RT: 20.77 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033017.D

Acq: 6 Mar 2018 11:50

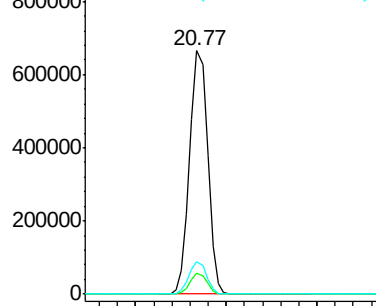
Tgt Ion:	244	Resp:	921540
Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	13.4	7.0	10.4#



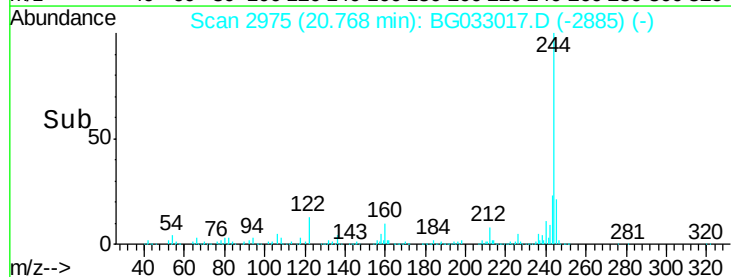
Abundance Ion 244.00 (243.70 to 244.70): E

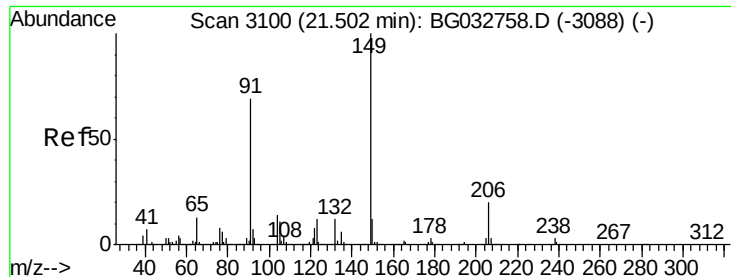
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

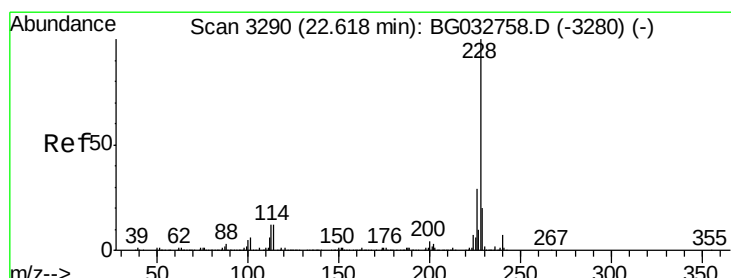
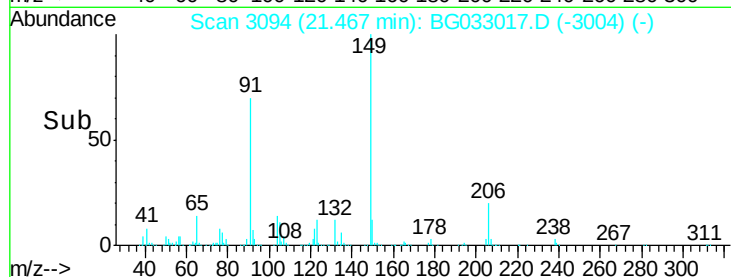
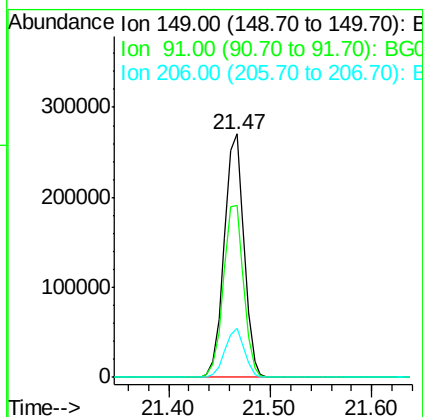
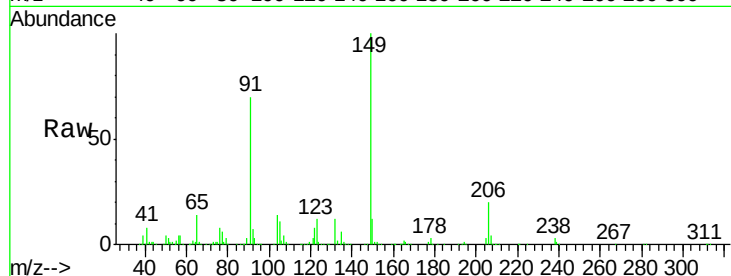




#79
Butylbenzylphthalate
Concen: 39.638 ng
RT: 21.47 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

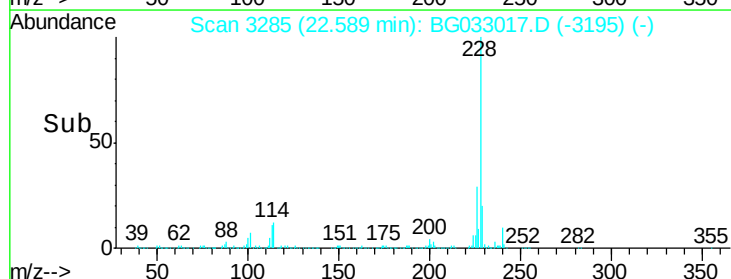
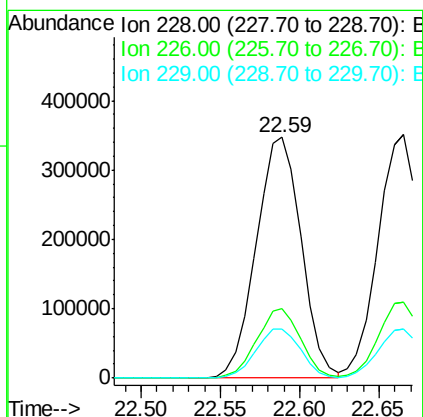
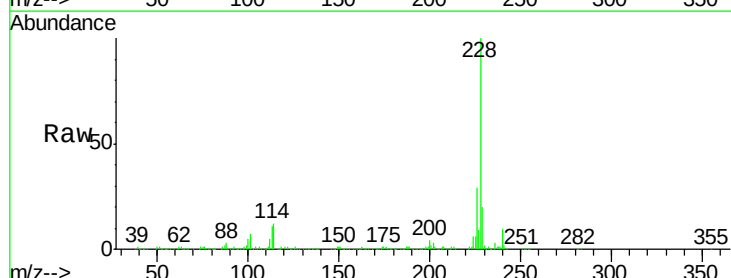
Instrument :
BNA_G
ClientSampleId :

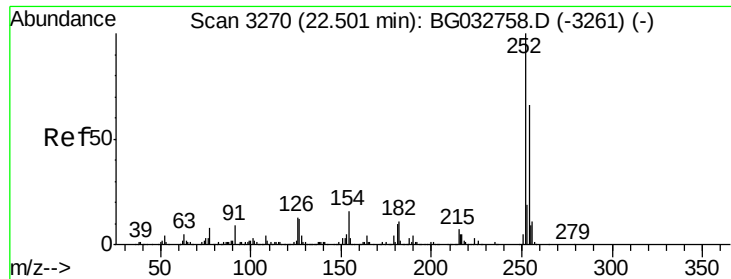
Tot Ion:149 Resp: 365809
Ion Ratio Lower Upper
149 100
91 70.4 62.2 93.2
206 20.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 36.151 ng
RT: 22.59 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion:228 Resp: 684262
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 20.3 16.2 24.2

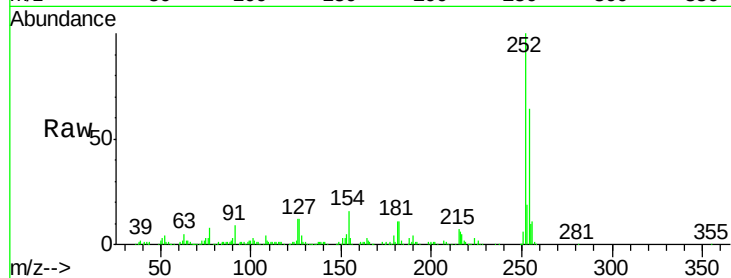




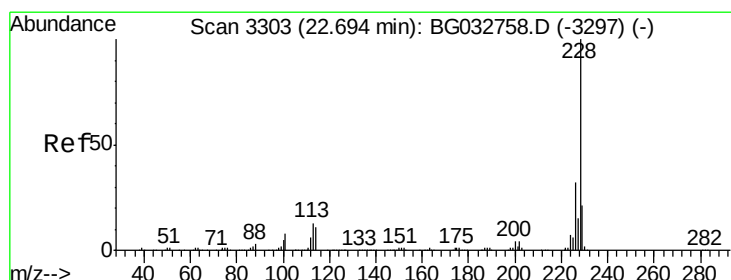
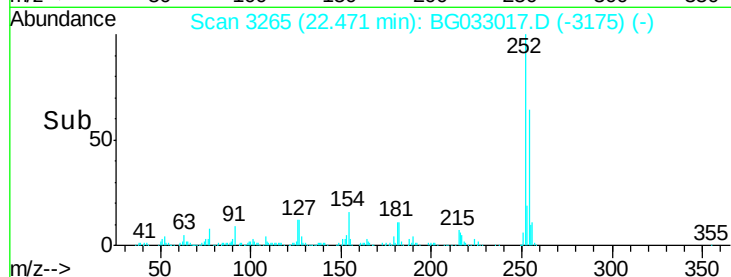
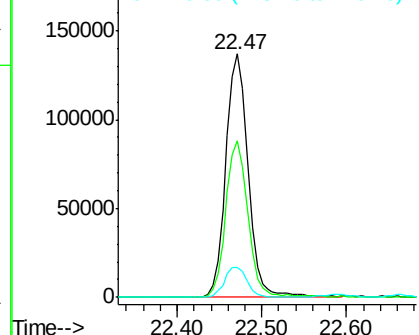
#81
 3,3'-Dichlorobenzidine
 Concen: 35.980 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 252224
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.8 76.2
 126 12.3 7.4 11.2#

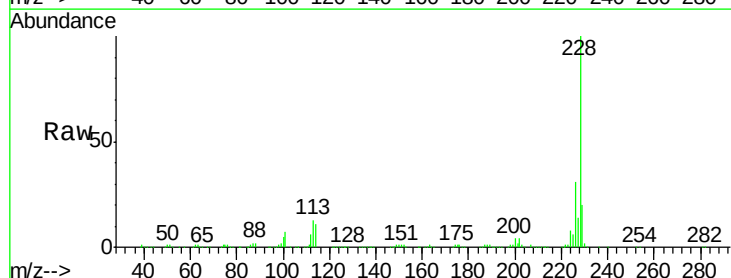


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

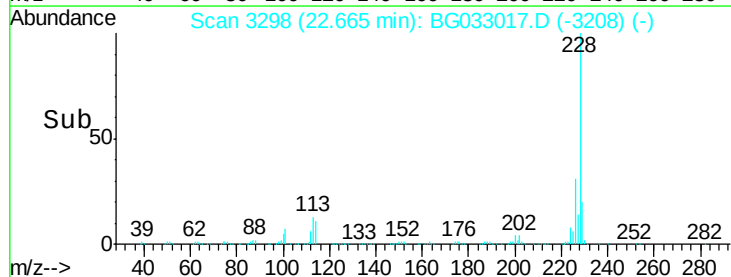
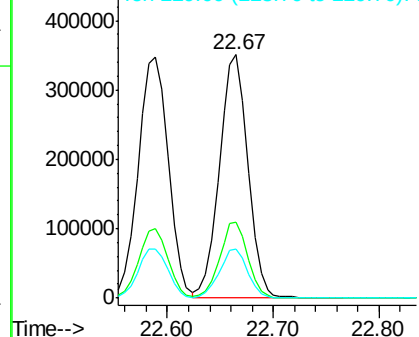


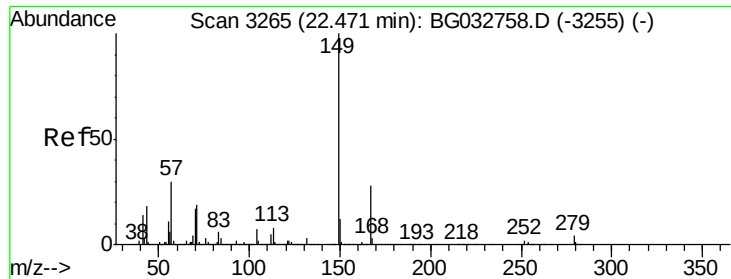
#82
 Chrysene
 Concen: 36.373 ng
 RT: 22.67 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Tgt Ion:228 Resp: 657647
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.2 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

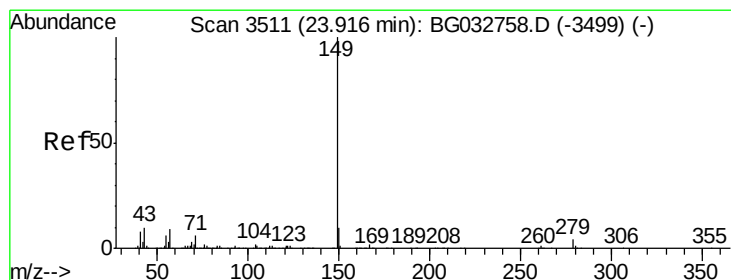
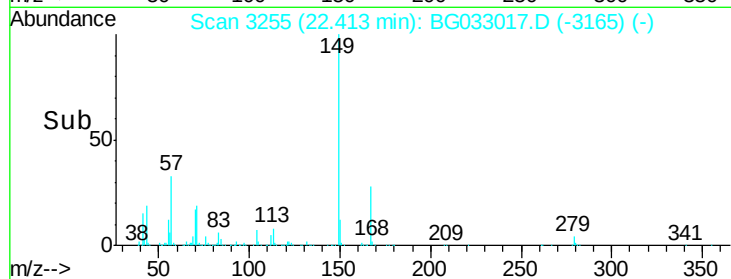
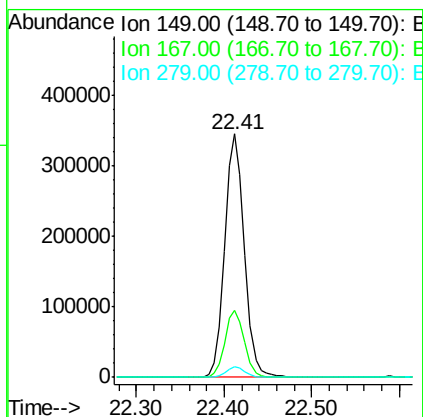
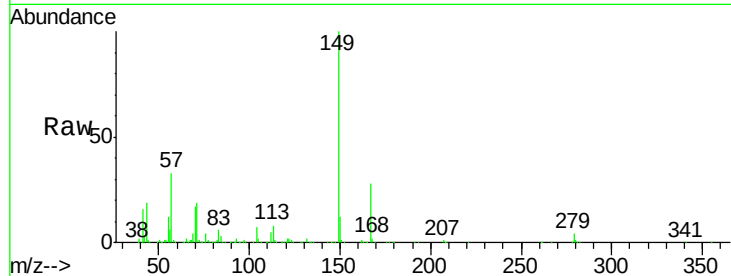




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.862 ng
 RT: 22.41 min Scan# 3255
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

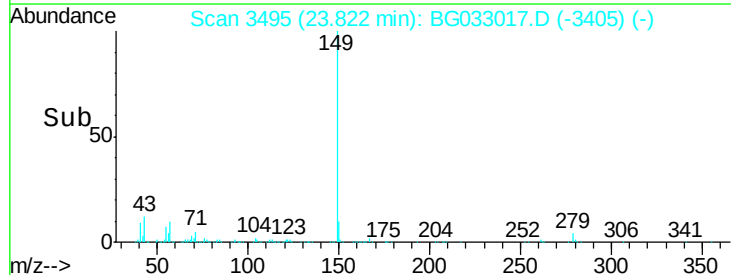
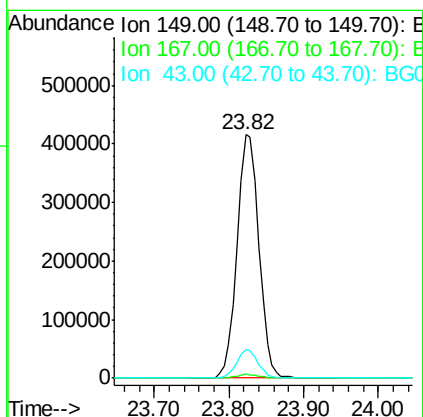
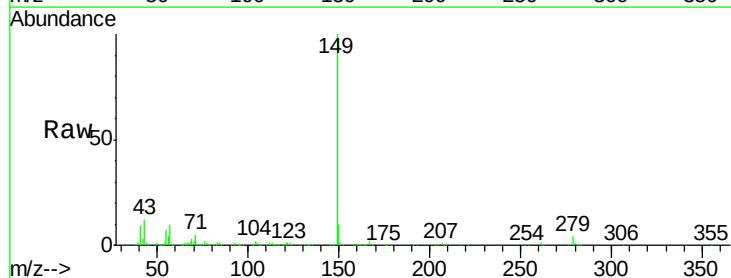
Instrument :
 BNA_G
 ClientSampleId :

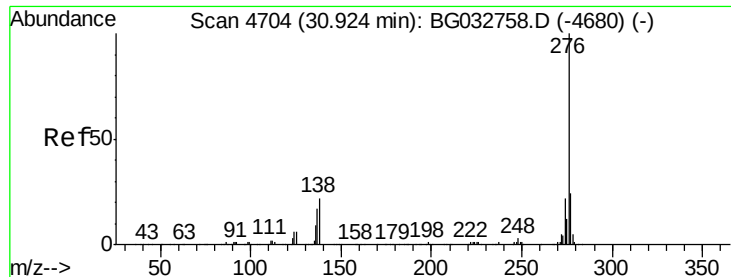
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.6	24.3	36.5
279	4.1	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 40.521 ng
 RT: 23.82 min Scan# 3495
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.0
43	11.4	8.9	13.3

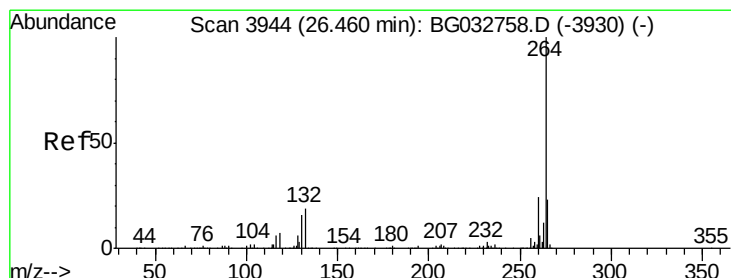
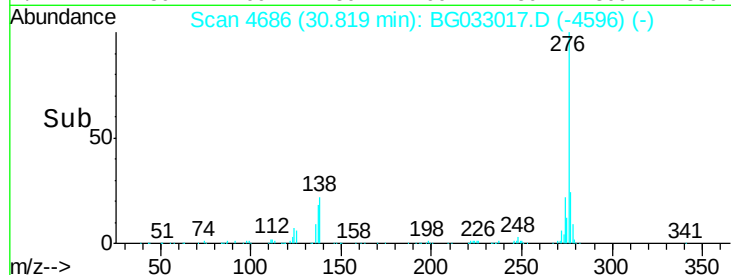
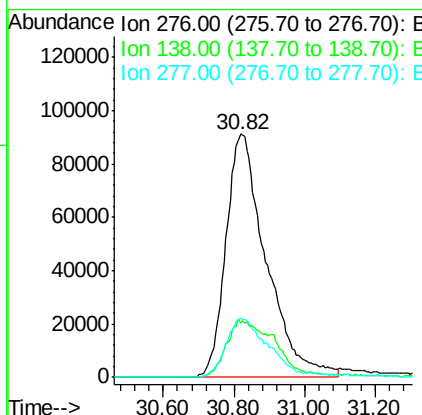
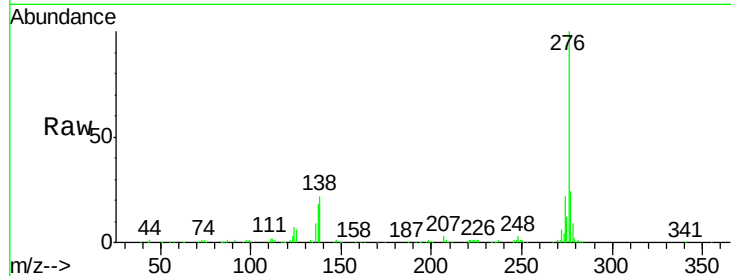




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.294 ng
 RT: 30.82 min Scan# 4686
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

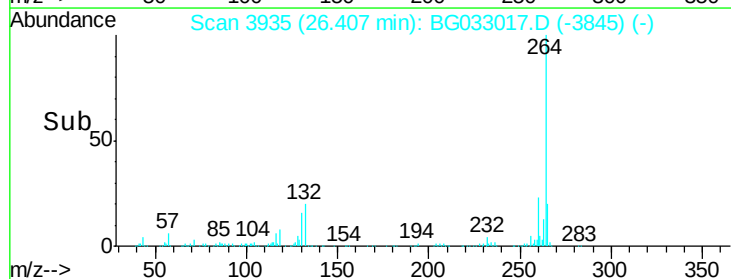
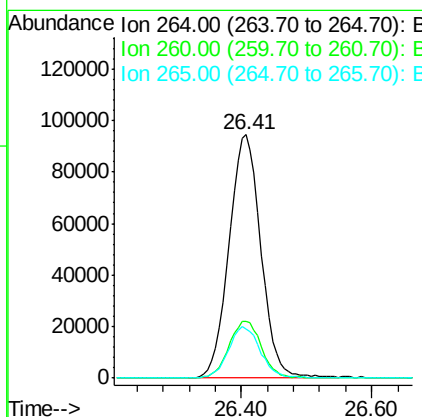
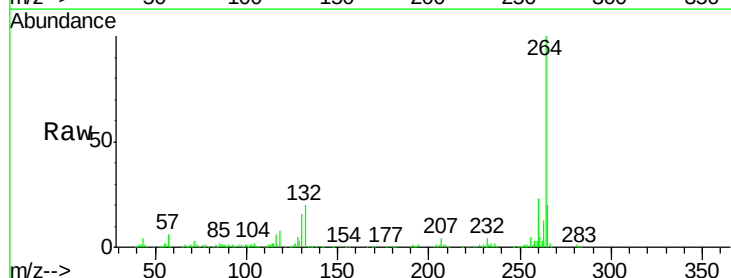
Instrument :
 BNA_G
 ClientSampleId :

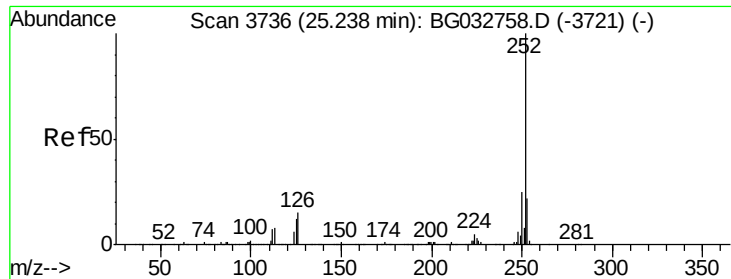
Tot Ion:276 Resp: 723138
 Ion Ratio Lower Upper
 276 100
 138 20.4 16.0 24.0
 277 25.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3935
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Tgt Ion:264 Resp: 320142
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.4 26.0
 265 20.3 17.7 26.5

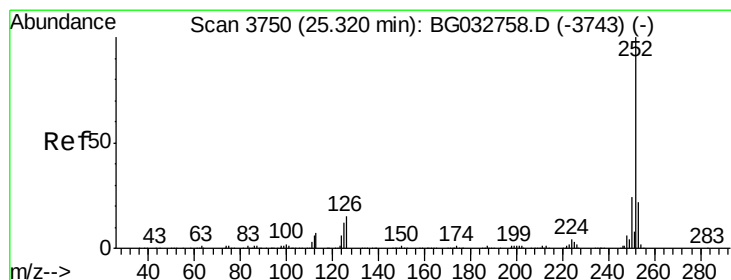
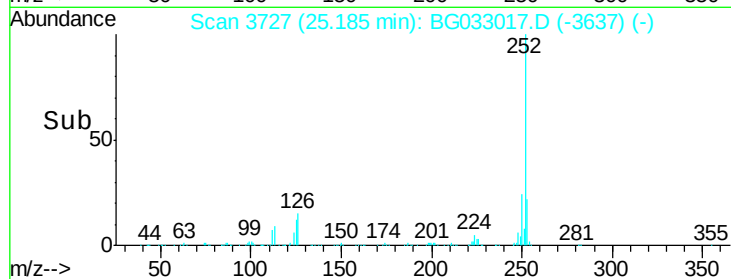
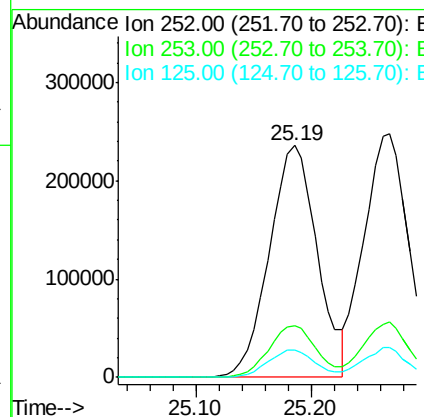
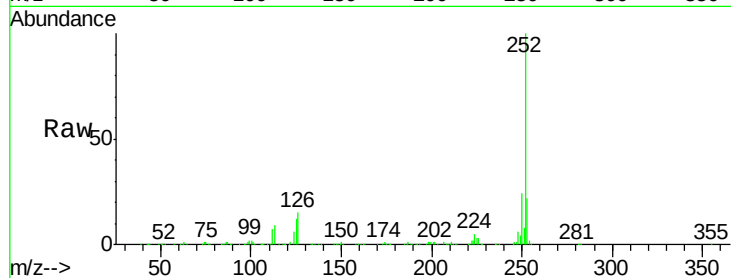




#87
Benzo(b)fluoranthene
Concen: 36.026 ng
RT: 25.19 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

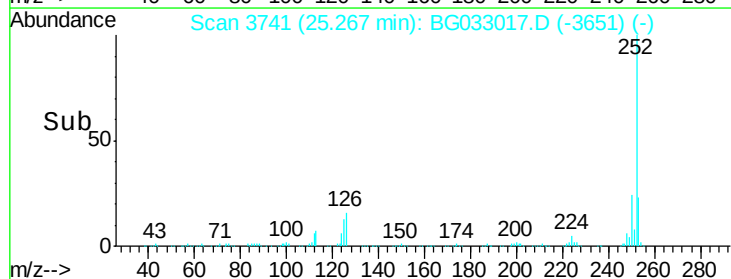
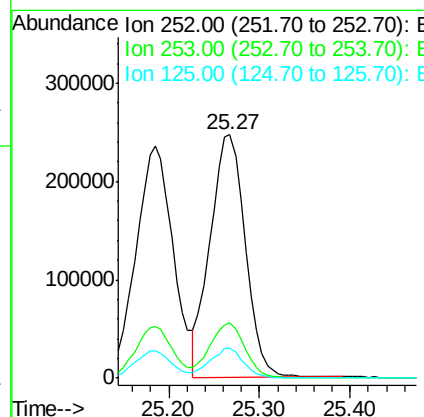
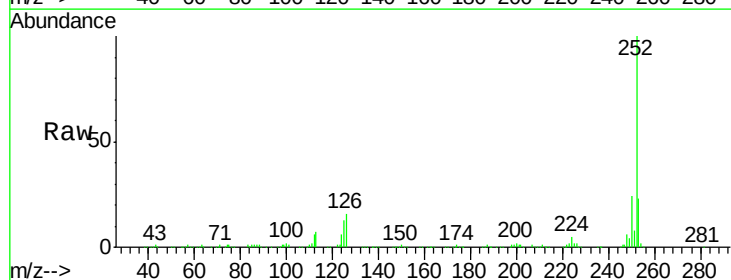
Instrument :
BNA_G
ClientSampleId :

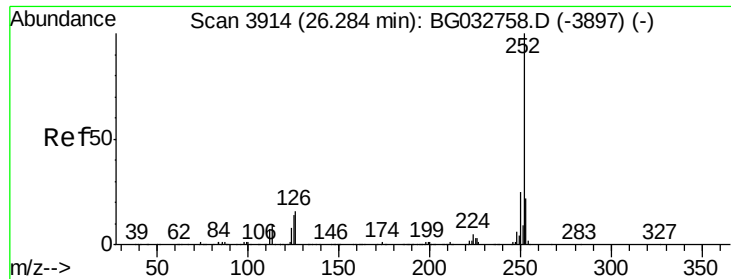
Tot Ion:252 Resp: 681934
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 11.8 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 35.411 ng
RT: 25.27 min Scan# 3741
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion:252 Resp: 666167
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 12.5 6.6 9.8#

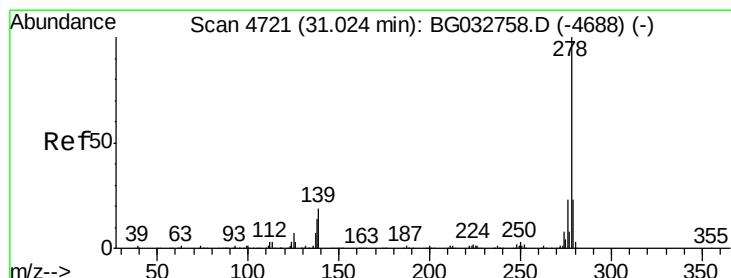
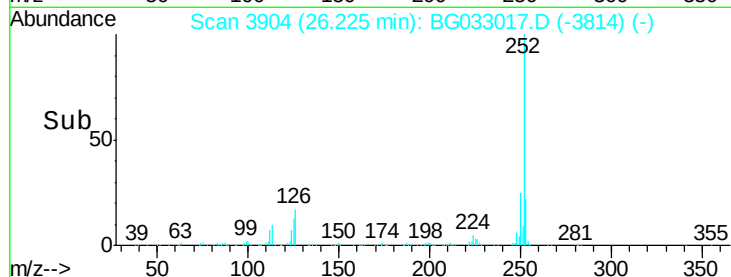
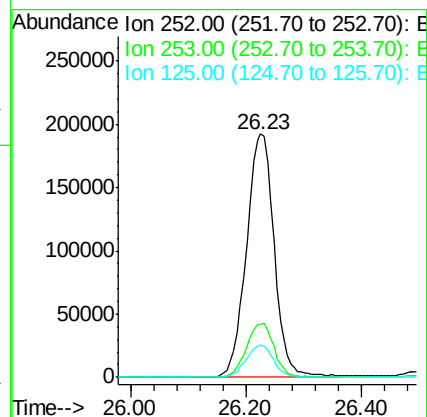
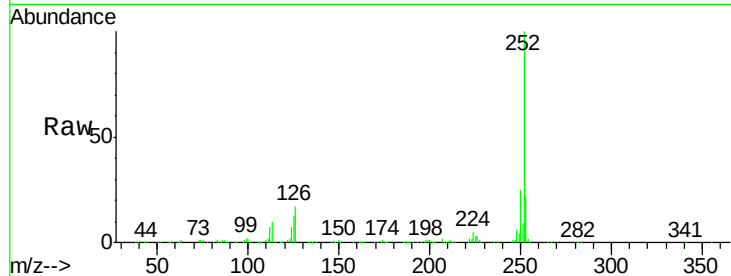




#89
Benzo(a)pyrene
Concen: 35.778 ng
RT: 26.23 min Scan# 3904
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

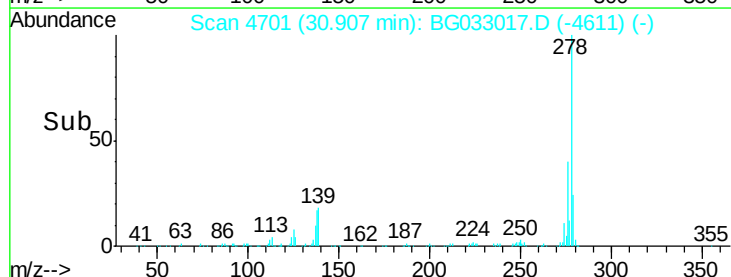
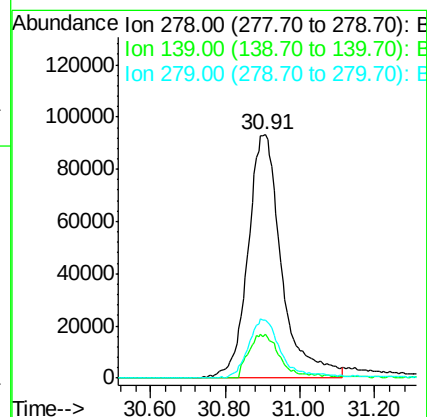
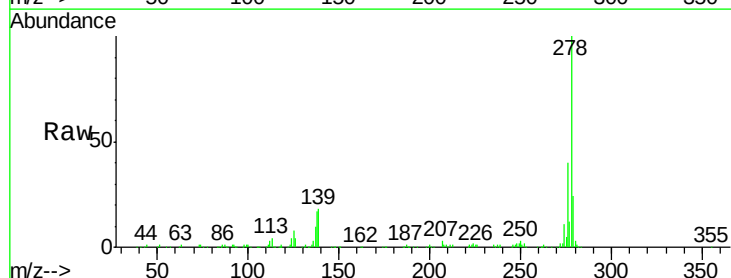
Instrument :
BNA_G
ClientSampleId :

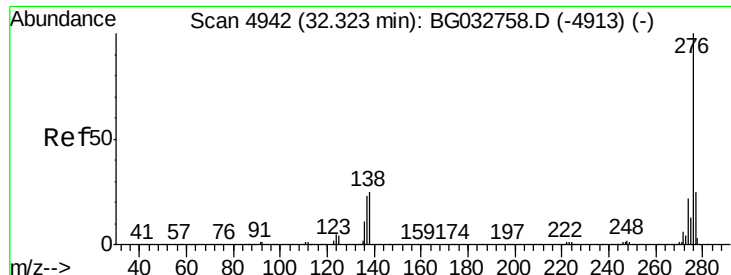
Tot Ion:252 Resp: 644155
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 13.3 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 32.265 ng
RT: 30.91 min Scan# 4701
Delta R.T. 0.00 min
Lab File: BG033017.D
Acq: 6 Mar 2018 11:50

Tgt Ion:278 Resp: 584717
Ion Ratio Lower Upper
278 100
139 18.2 9.8 14.6#
279 24.0 18.4 27.6

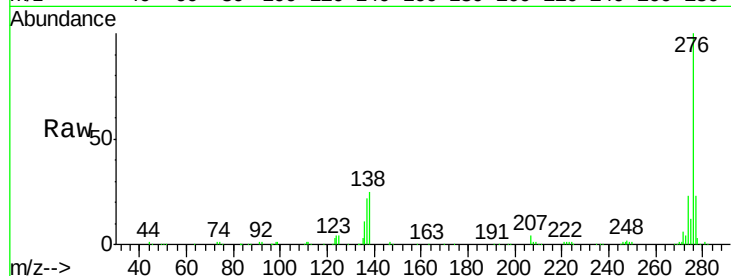




#91
 Benzo(a,h,i)perylene
 Concen: 32.484 ng
 RT: 32.21 min Scan# 4923
 Delta R.T. 0.00 min
 Lab File: BG033017.D
 Acq: 6 Mar 2018 11:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.3	27.5
138	25.4	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

