

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
 Data File : BG033874.D
 Acq On : 19 Apr 2018 18:27
 Operator : SJ/JU
 Sample : J2423-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 20 03:10:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	73476	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	307218	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	197306	20.00	ng	0.00
63) Phenanthrene-d10	17.23	188	482485	20.00	ng	0.00
75) Chrysene-d12	21.49	240	481100	20.00	ng	0.00
86) Perylene-d12	24.55	264	498499	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	640309	139.13	ng	0.00
7) Phenol-d6	7.01	99	796439	118.65	ng	0.01
23) Nitrobenzene-d5	8.99	82	557804	103.33	ng	0.00
41) 2,4,6-Tribromophenol	15.97	330	362835	157.62	ng	0.00
44) 2-Fluorobiphenyl	13.10	172	1307912	97.38	ng	0.00
78) Terphenyl-d14	19.86	244	2056558	96.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	84211	43.303	ng	# 88
3) Pyridine	3.82	79	166199	29.538	ng	96
4) n-Nitrosodimethylamine	3.73	42	126409	49.313	ng	# 87
6) Aniline	7.18	93	109528	12.206	ng	96
8) 2-Chlorophenol	7.41	128	236621	45.885	ng	99
9) Benzaldehyde	6.99	77	78060	18.780	ng	97
10) Phenol	7.04	94	270968	39.404	ng	99
11) bis(2-Chloroethyl)ether	7.27	93	234150	44.520	ng	96
12) 1,3-Dichlorobenzene	7.73	146	260482	43.879	ng	96
13) 1,4-Dichlorobenzene	7.87	146	264198	43.941	ng	99
14) 1,2-Dichlorobenzene	8.19	146	248337	42.472	ng	94
15) Benzyl Alcohol	8.08	79	236374	40.383	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.37	45	422550	41.192	ng	97
17) 2-Methylphenol	8.28	107	206222	40.468	ng	96
18) Hexachloroethane	8.91	117	95539	43.484	ng	100
19) n-Nitroso-di-n-propylamine	8.65	70	211179	36.907	ng	94
20) 3+4-Methylphenols	8.60	107	283323	38.264	ng	96
22) Acetophenone	8.66	105	367861	43.994	ng	# 98
24) Nitrobenzene	9.04	77	284937	48.437	ng	98
25) Isophorone	9.56	82	553249	45.584	ng	# 95
26) 2-Nitrophenol	9.74	139	123616	53.183	ng	93
27) 2,4-Dimethylphenol	9.81	122	240061	55.217	ng	92
28) bis(2-Chloroethoxy)methane	10.05	93	319011	49.734	ng	96
29) 2,4-Dichlorophenol	10.27	162	248772	51.330	ng	92
30) 1,2,4-Trichlorobenzene	10.49	180	252350	46.488	ng	100
31) Naphthalene	10.68	128	739450	46.805	ng	98
32) Benzoic acid	9.94	122	146101	35.230	ng	# 87
33) 4-Chloroaniline	10.78	127	19267	2.595	ng	95
34) Hexachlorobutadiene	10.96	225	152609	46.995	ng	# 62
35) Caprolactam	11.56	113	36732	17.826	ng	95
36) 4-Chloro-3-methylphenol	11.91	107	274263	46.365	ng	# 90
37) 2-Methylnaphthalene	12.29	142	544903	45.050	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	306705	46.813	ng	97
40) Hexachlorocyclopentadiene	12.64	237	374189	103.871	ng	92

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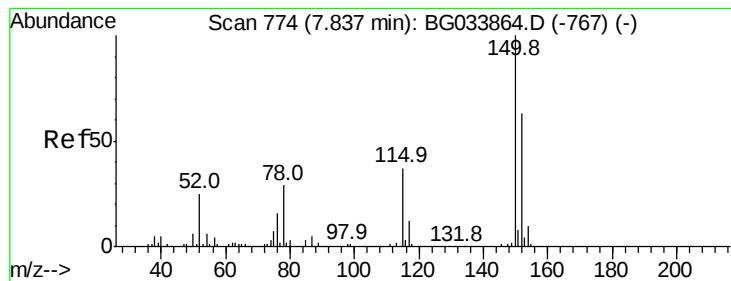
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 20 03:10:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	12.90	196	207130	51.852	nq	93
43) 2,4,5-Trichlorophenol	12.97	196	226178	49.251	nq	94
45) 1,1'-Biphenyl	13.31	154	718712	44.999	nq	96
46) 2-Chloronaphthalene	13.34	162	549412	45.367	nq	100
47) 2-Nitroaniline	13.54	65	181902	48.106	nq	94
48) Acenaphthylene	14.19	152	886180	44.022	nq	98
49) Dimethylphthalate	13.94	163	765127	44.084	nq	99
50) 2,6-Dinitrotoluene	14.05	165	162303	49.345	nq	93
51) Acenaphthene	14.54	154	550453	43.528	nq	99
52) 3-Nitroaniline	14.37	138	23814	6.668	nq	# 78
53) 2,4-Dinitrophenol	14.58	184	146964	124.940	nq	# 58
54) Dibenzofuran	14.88	168	857949	45.761	nq	95
55) 4-Nitrophenol	14.69	139	265712	94.861	nq	89
56) 2,4-Dinitrotoluene	14.84	165	223650	51.134	nq	# 88
57) Fluorene	15.53	166	727930	44.868	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.10	232	218035	51.853	nq	99
59) Diethylphthalate	15.32	149	791121	43.124	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	381090	44.909	nq	96
61) 4-Nitroaniline	15.55	138	163134	43.020	nq	91
62) Azobenzene	15.82	77	727396	44.480	nq	99
64) 4,6-Dinitro-2-methylphenol	15.60	198	102407	44.608	nq	93
65) n-Nitrosodiphenylamine	15.74	169	643456	45.872	nq	99
66) 4-Bromophenyl-phenylether	16.42	248	241967	45.665	nq	94
67) Hexachlorobenzene	16.53	284	251633	44.531	nq	95
68) Atrazine	16.70	200	241205	43.893	nq	98
69) Pentachlorophenol	16.87	266	327024	84.252	nq	92
70) Phenanthrene	17.27	178	1169289	45.175	nq	96
71) Anthracene	17.36	178	1182002	45.664	nq	98
72) Carbazole	17.63	167	1085280	43.460	nq	97
73) Di-n-butylphthalate	18.21	149	1315736	42.353	nq	98
74) Fluoranthene	19.29	202	1389167	44.368	nq	95
76) Benzidine	19.86	184	37021	2.850	nq	95
77) Pyrene	19.65	202	1384117	43.863	nq	94
79) Butylbenzylphthalate	20.57	149	626543	45.213	nq	95
80) Benzo(a)anthracene	21.47	228	1365590	45.014	nq	97
81) 3,3'-Dichlorobenzidine	21.39	252	215618	19.062	nq	97
82) Chrysene	21.53	228	1285812	44.385	nq	95
83) Bis(2-ethylhexyl)phthalate	21.43	149	881366	45.036	nq	96
84) Di-n-octyl phthalate	22.60	149	1505031	48.451	nq	99
85) Indeno(1,2,3-cd)pyrene	28.04	276	1594379	48.349	nq	# 95
87) Benzo(b)fluoranthene	23.59	252	1435713	47.210	nq	100
88) Benzo(k)fluoranthene	23.66	252	1332977	44.126	nq	97
89) Benzo(a)pyrene	24.41	252	1362865	46.793	nq	98
90) Dibenzo(a,h)anthracene	28.11	278	1318900	46.799	nq	96
91) Benzo(g,h,i)perylene	29.13	276	1312822	47.342	nq	97

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

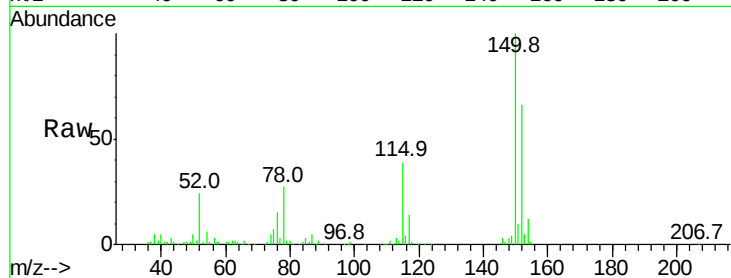


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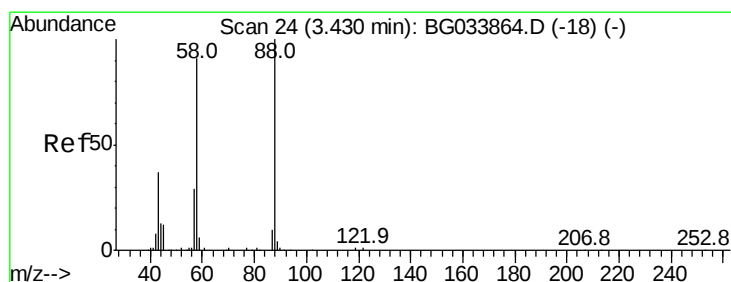
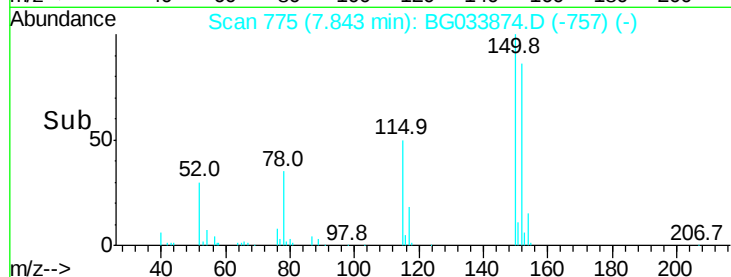
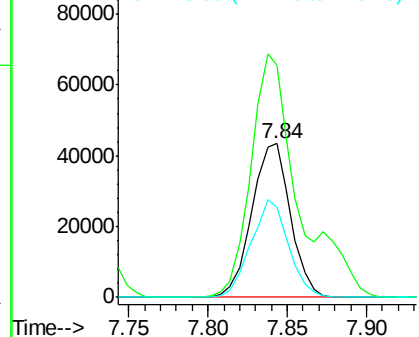
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 775
Delta R.T. 0.01 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 73476
Ion Ratio Lower Upper
152 100
150 151.5 126.6 189.8
115 58.8 53.0 79.4



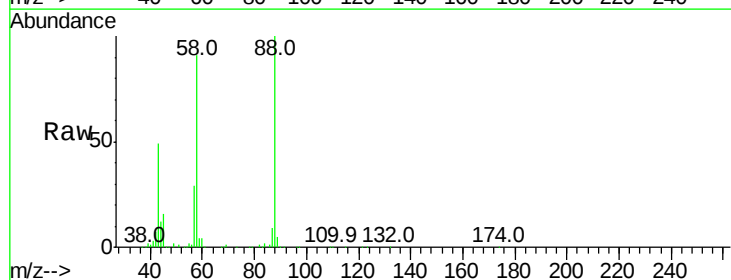
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



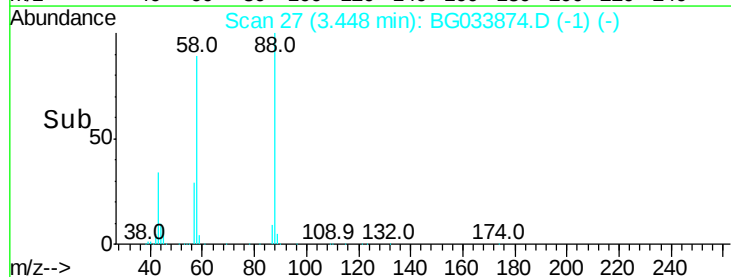
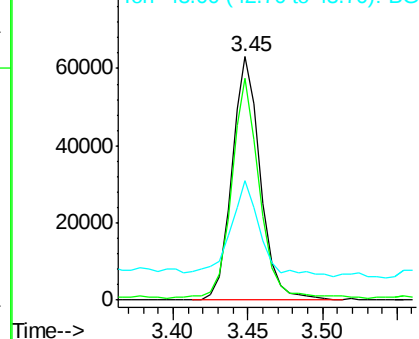
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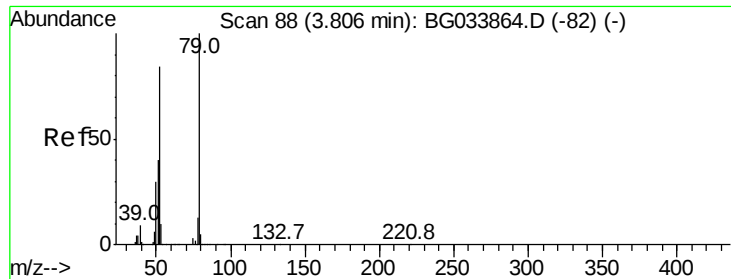
1,4-Dioxane
Concen: 43.303 ng
RT: 3.45 min Scan# 27
Delta R.T. 0.02 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion: 88 Resp: 84211
Ion Ratio Lower Upper
88 100
58 88.4 79.6 119.4
43 41.9 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: 29.538 ng

RT: 3.82 min Scan# 91

Delta R.T. 0.02 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

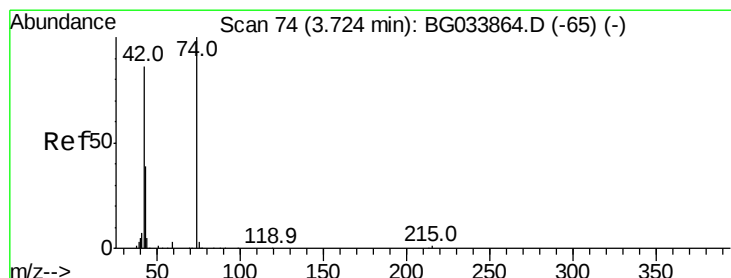
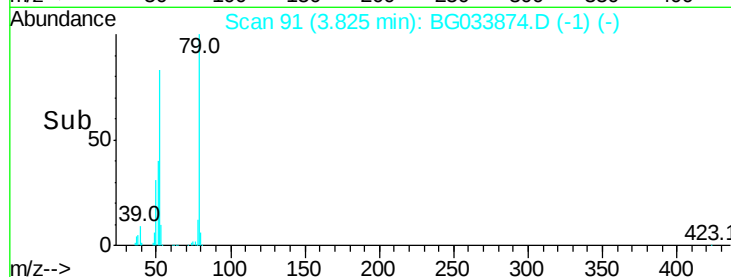
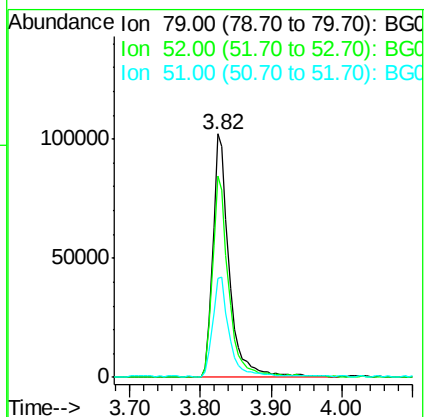
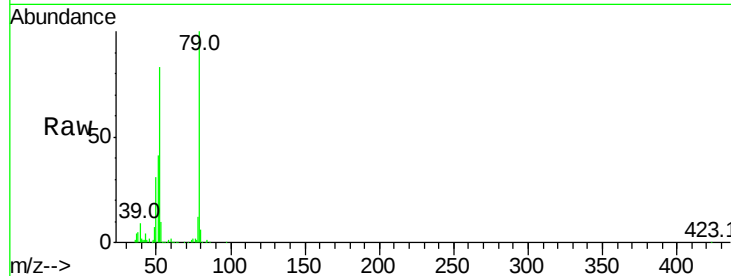
Tot Ion: 79 Resp: 166199

Ion Ratio Lower Upper

79 100

52 82.7 69.9 104.9

51 40.9 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 49.313 ng

RT: 3.73 min Scan# 75

Delta R.T. 0.01 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

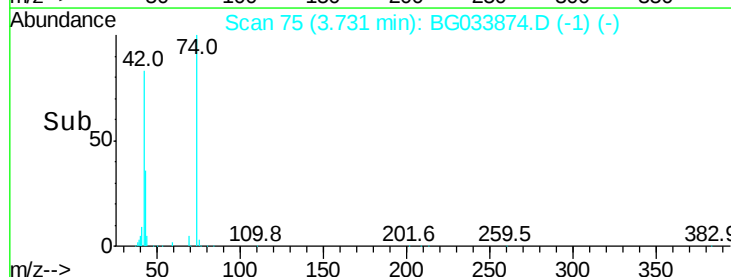
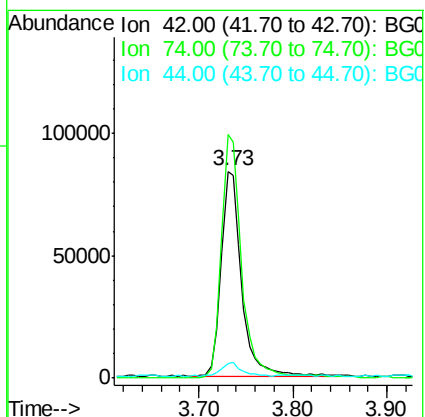
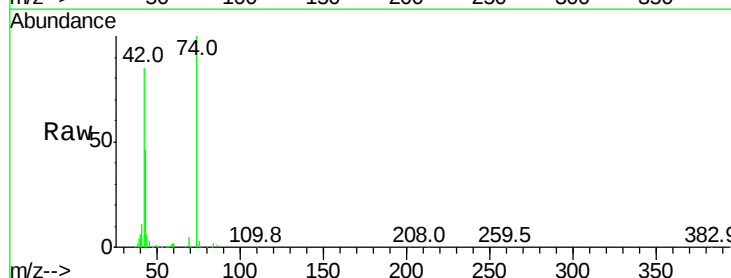
Tgt Ion: 42 Resp: 126409

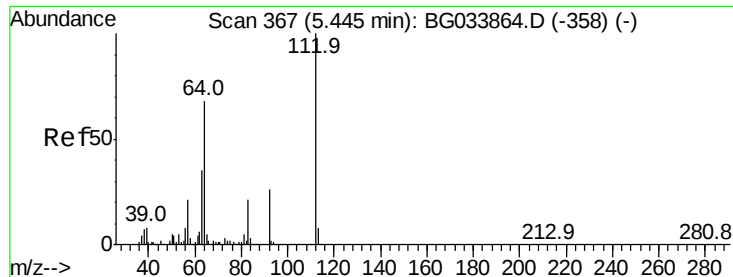
Ion Ratio Lower Upper

42 100

74 117.9 102.5 153.7

44 7.3 18.9 28.3#





#5

2-Fluorophenol

Concen: 139.130 ng

RT: 5.45 min Scan# 368

Delta R.T. 0.01 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampled :

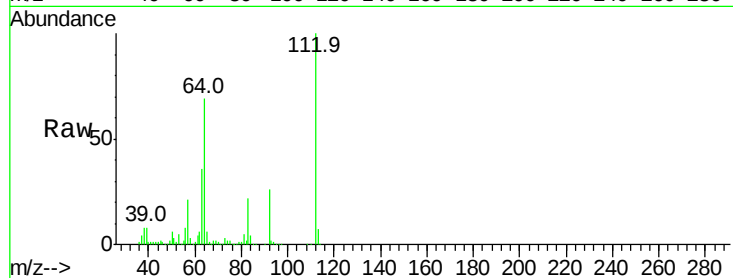
Tot Ion:112 Resp: 640309

Ion Ratio Lower Upper

112 100

64 69.5 56.3 84.5

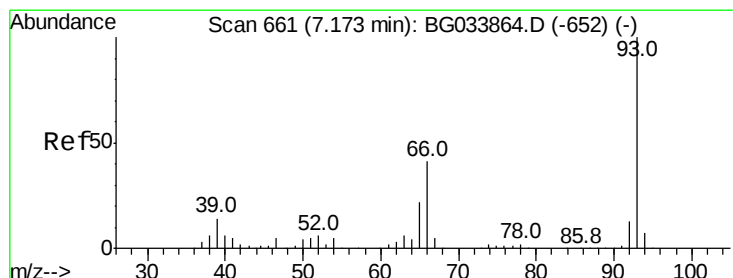
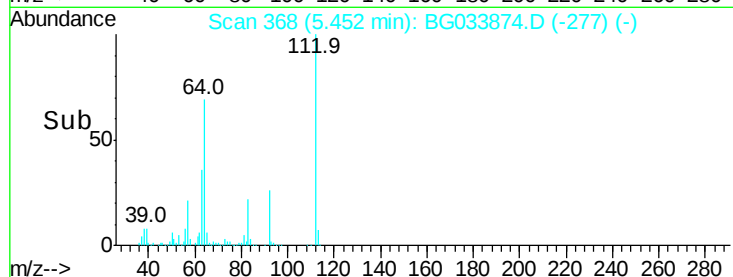
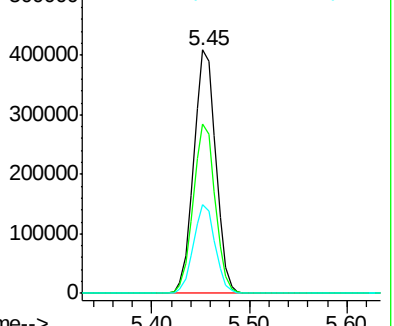
63 36.2 30.1 45.1



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: 12.206 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.01 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

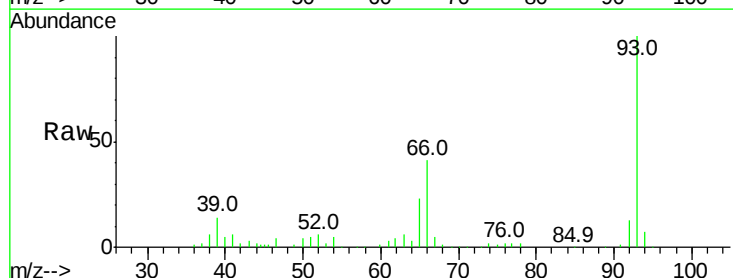
Tgt Ion: 93 Resp: 109528

Ion Ratio Lower Upper

93 100

66 40.5 33.7 50.5

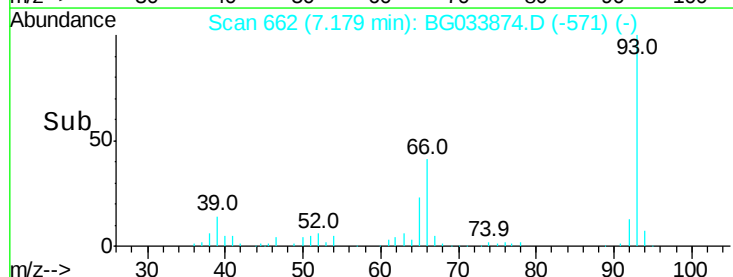
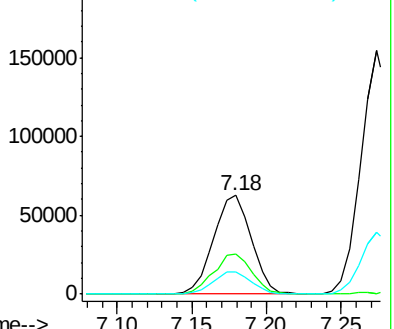
65 23.0 16.1 24.1

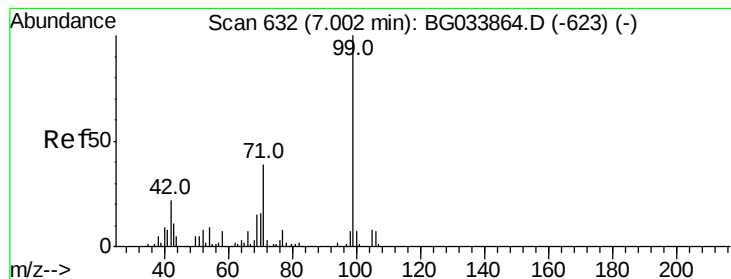


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.648 ng

RT: 7.01 min Scan# 634

Delta R.T. 0.01 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

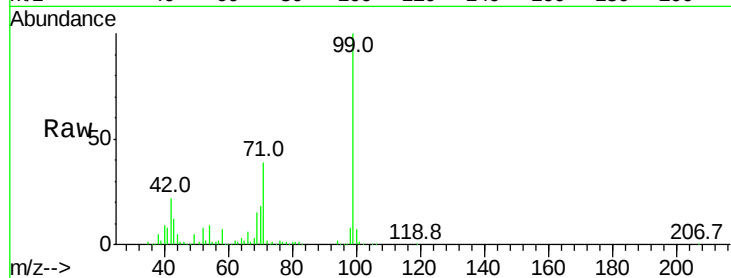
Tot Ion: 99 Resp: 796439

Ion Ratio Lower Upper

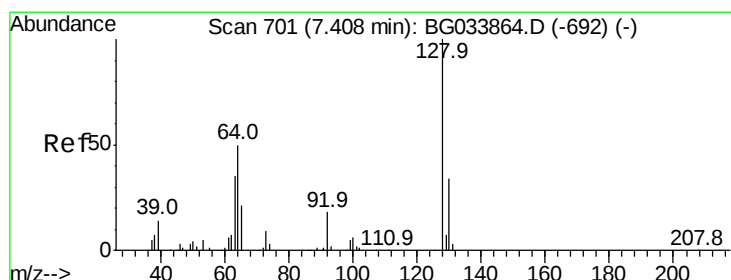
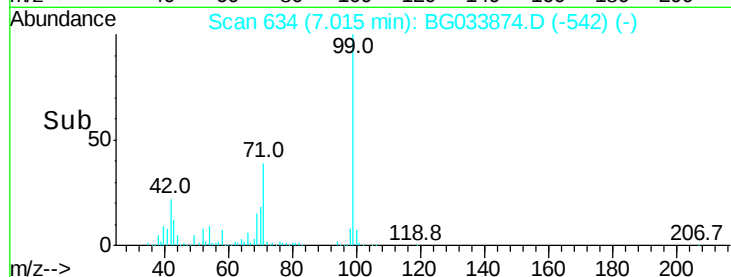
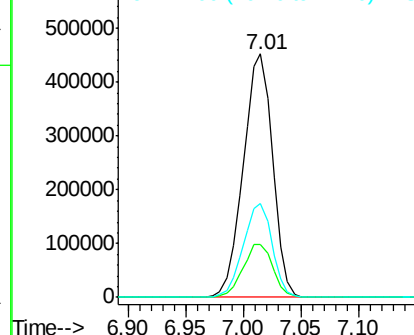
99 100

42 21.8 14.1 21.1#

71 38.5 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: 45.885 ng

RT: 7.41 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

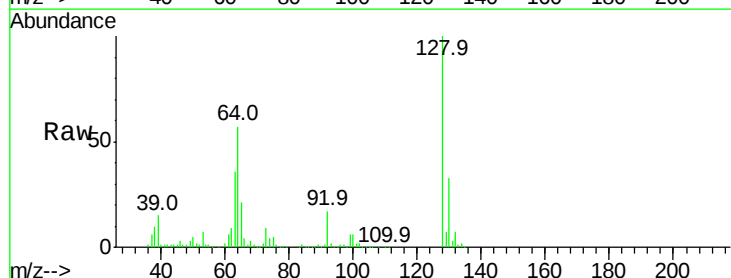
Tgt Ion:128 Resp: 236621

Ion Ratio Lower Upper

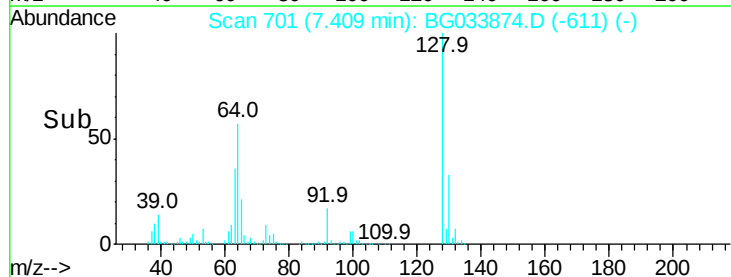
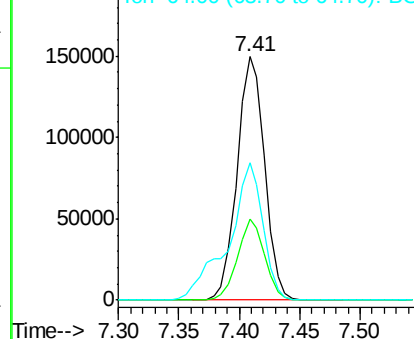
128 100

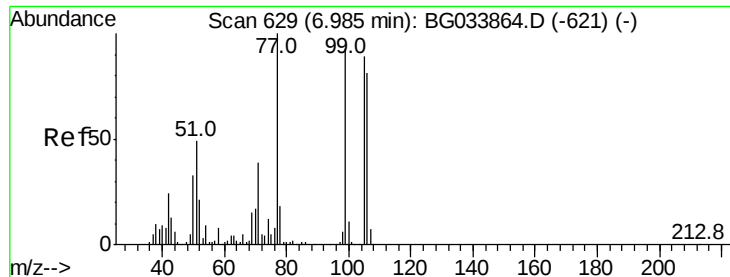
130 33.0 14.0 54.0

64 56.7 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: 18.780 ng

RT: 6.99 min Scan# 629

Delta R.T. 0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

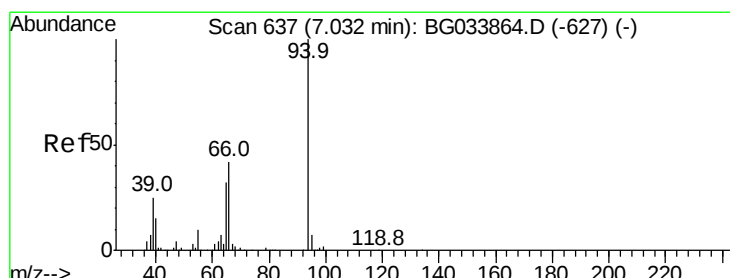
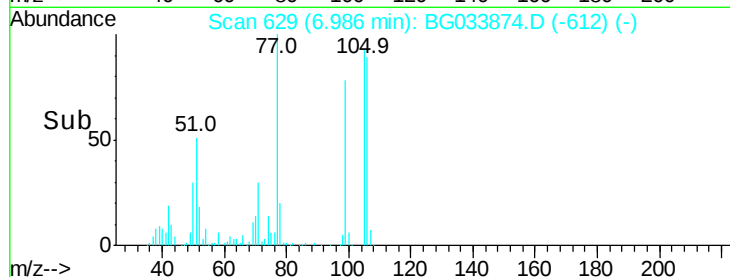
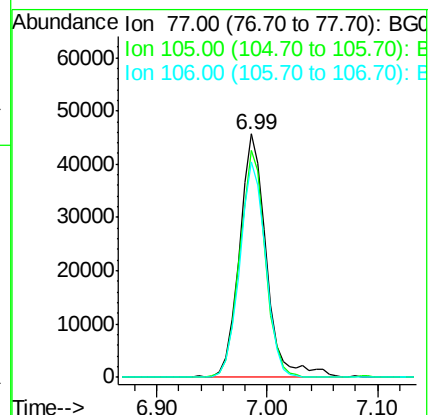
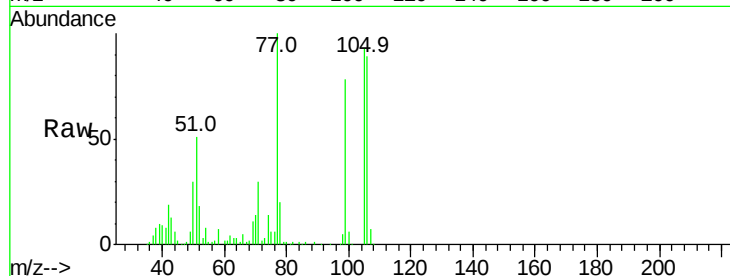
Tot Ion: 77 Resp: 78060

Ion Ratio Lower Upper

77 100

105 93.1 71.3 111.3

106 88.5 64.2 104.2



#10

Phenol

Concen: 39.404 ng

RT: 7.04 min Scan# 638

Delta R.T. 0.01 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

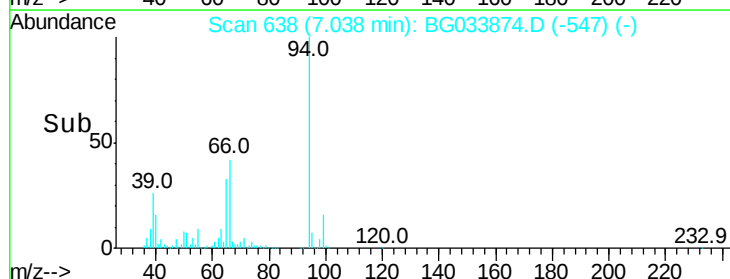
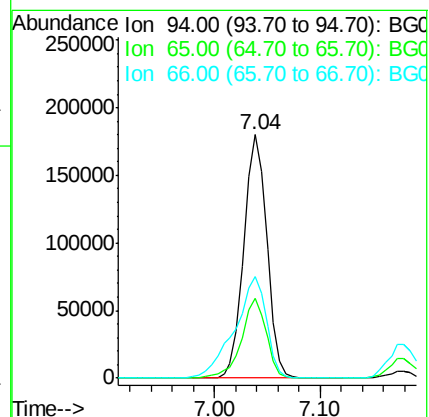
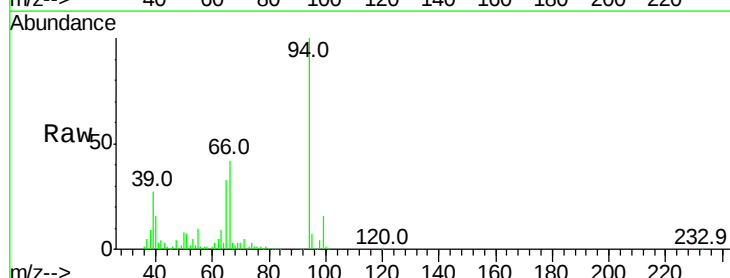
Tgt Ion: 94 Resp: 270968

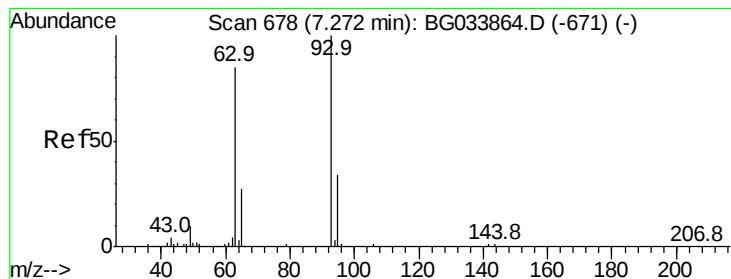
Ion Ratio Lower Upper

94 100

65 32.5 11.9 51.9

66 41.6 22.2 62.2

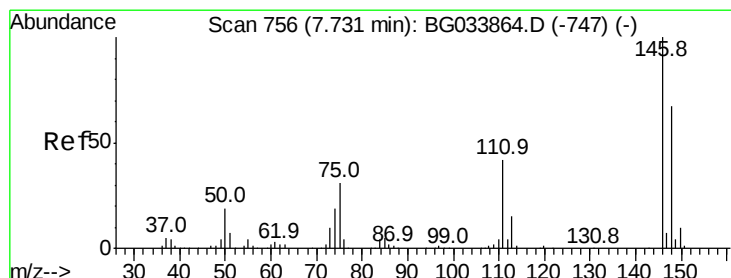
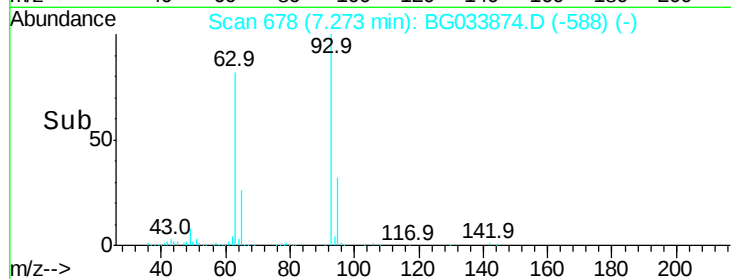
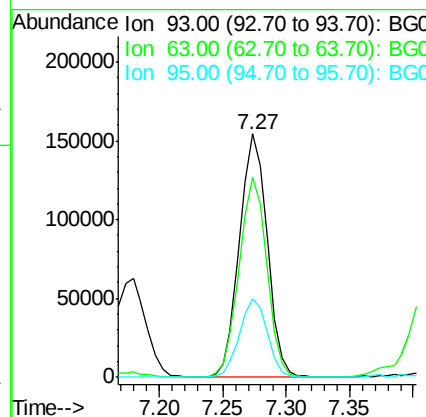
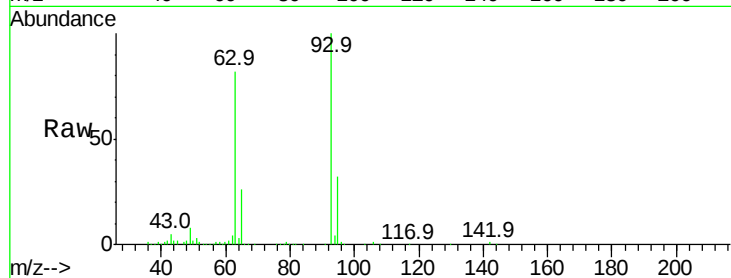




#11
bis(2-Chloroethyl)ether
Concen: 44.520 ng
RT: 7.27 min Scan# 678
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

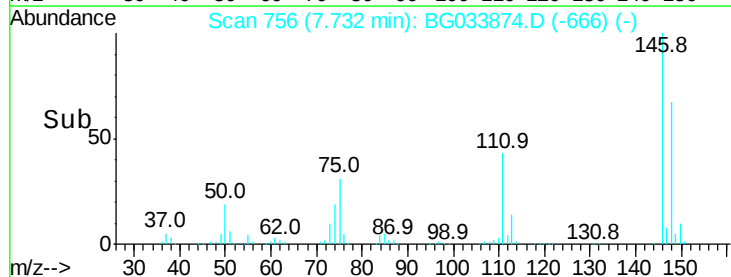
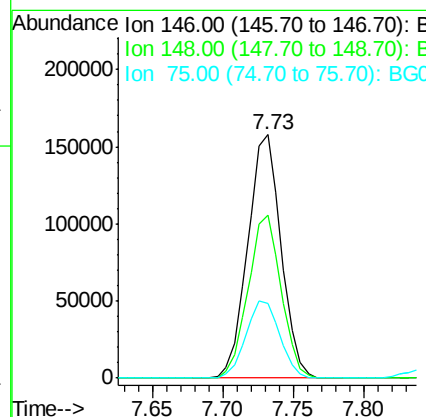
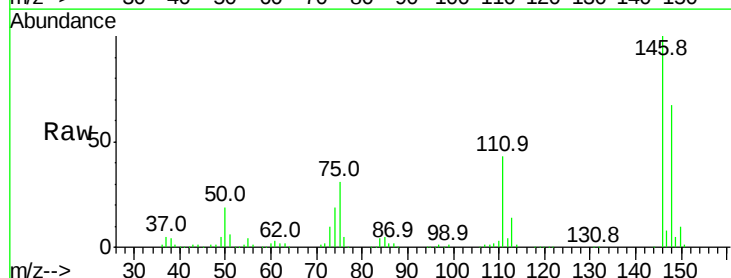
Instrument :
BNA_G
ClientSampleId :

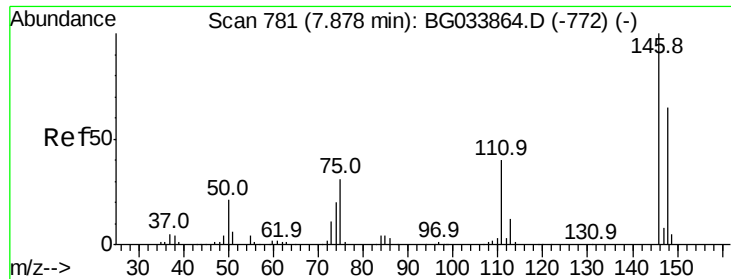
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.1	67.1	107.1
95	32.4	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 43.879 ng
RT: 7.73 min Scan# 756
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.4	77.2
75	30.7	26.6	39.8

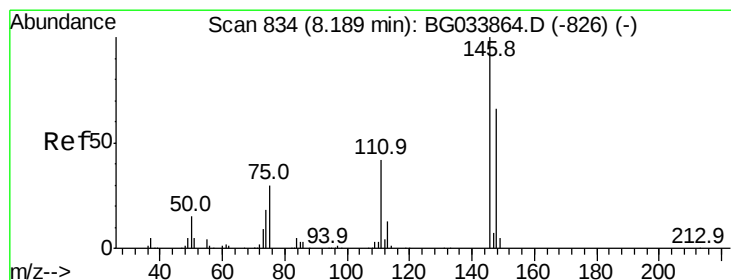
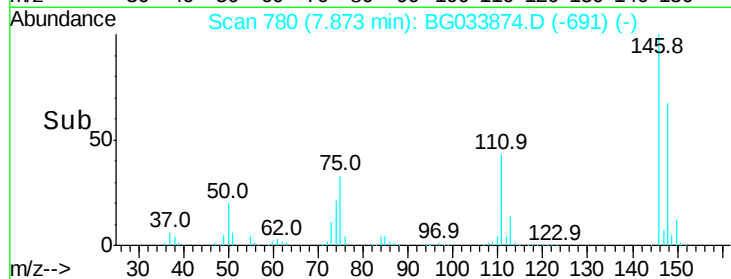
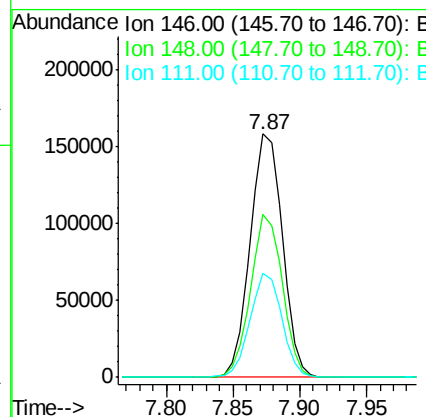
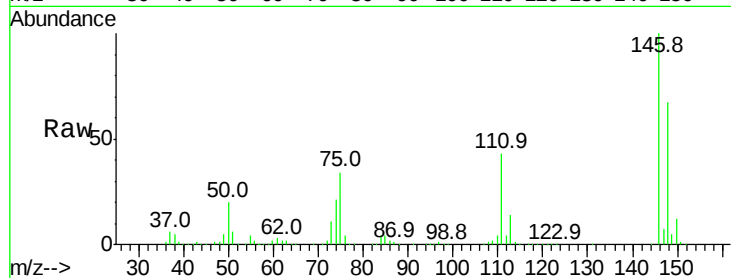




#13
 1,4-Dichlorobenzene
 Concen: 43.941 ng
 RT: 7.87 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

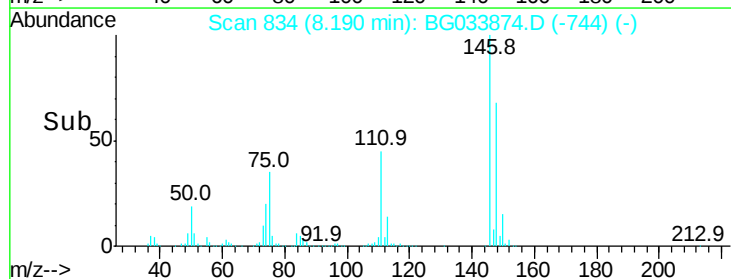
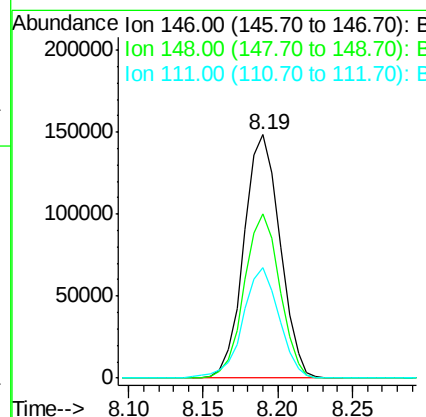
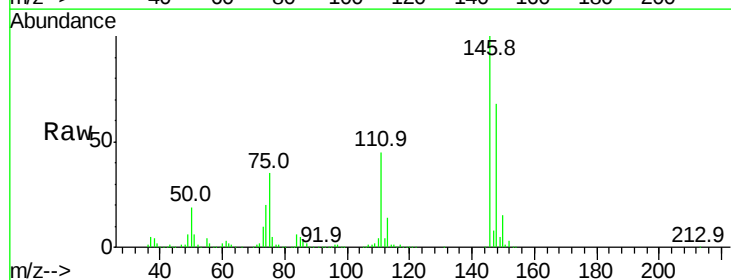
Instrument :
 BNA_G
 ClientSampleId :

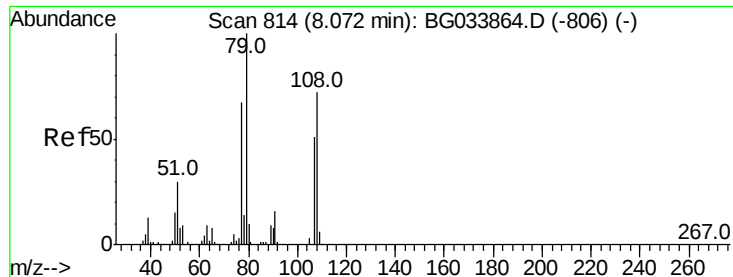
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	53.7	80.5
111	42.5	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 42.472 ng
 RT: 8.19 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	49.3	73.9
111	45.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 40.383 ng

RT: 8.08 min Scan# 815

Delta R.T. 0.01 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

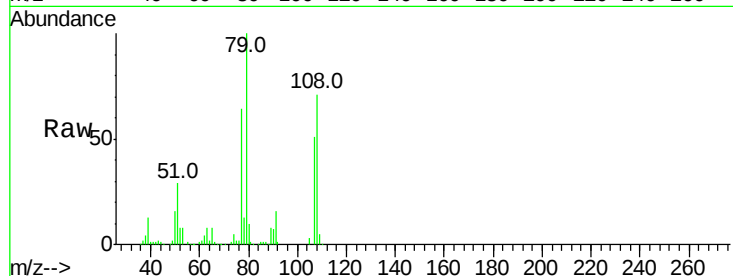
Tot Ion: 79 Resp: 236374

Ion Ratio Lower Upper

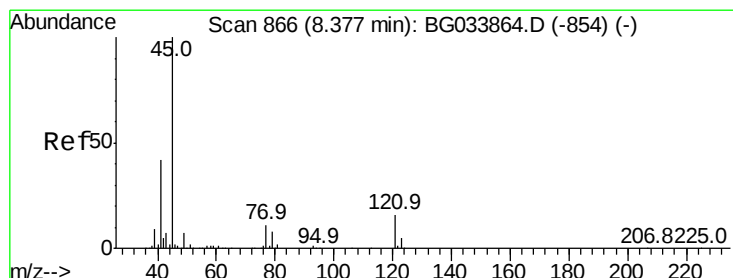
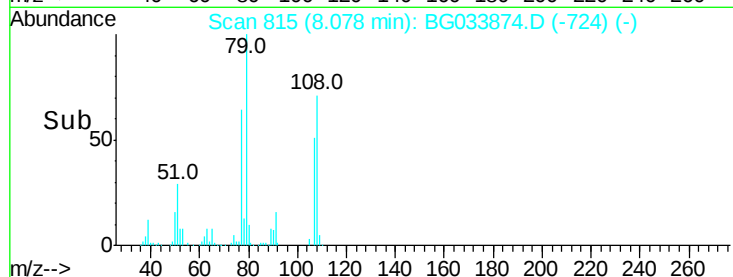
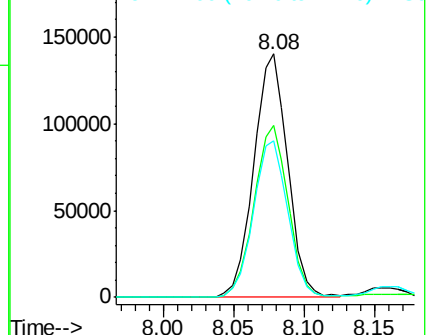
79 100

108 70.6 57.2 85.8

77 64.5 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: 41.192 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

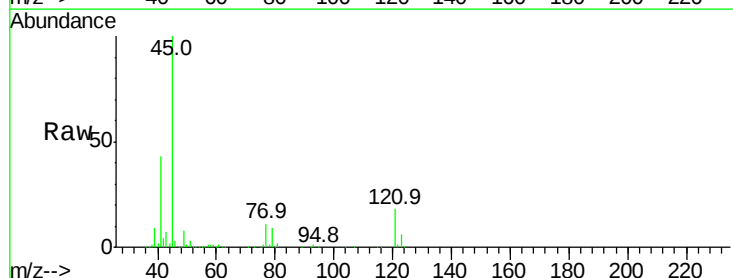
Tgt Ion: 45 Resp: 422550

Ion Ratio Lower Upper

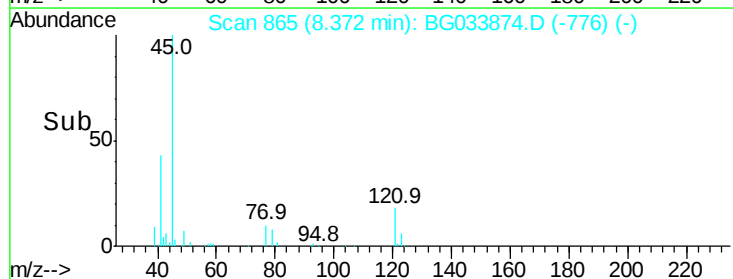
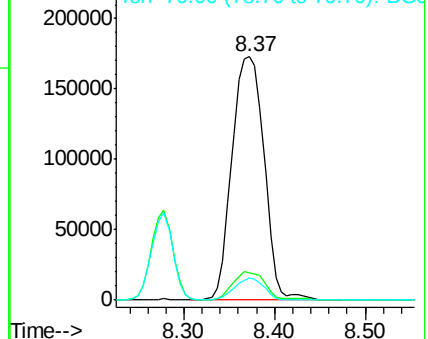
45 100

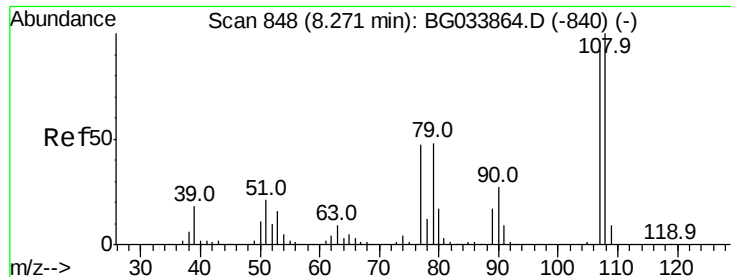
77 11.0 0.0 30.2

79 8.9 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: 40.468 ng

RT: 8.28 min Scan# 849

Delta R.T. 0.01 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 206222

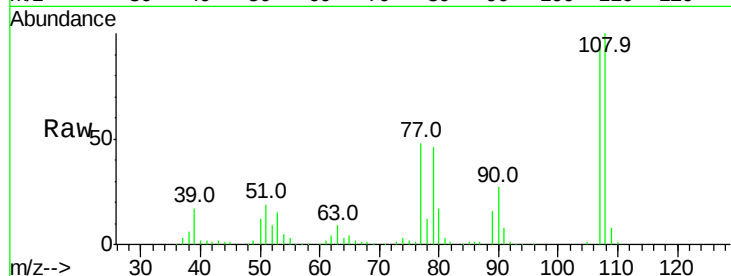
Ion Ratio Lower Upper

107 100

108 107.2 83.9 125.9

77 50.9 37.2 55.8

79 49.2 36.2 54.2

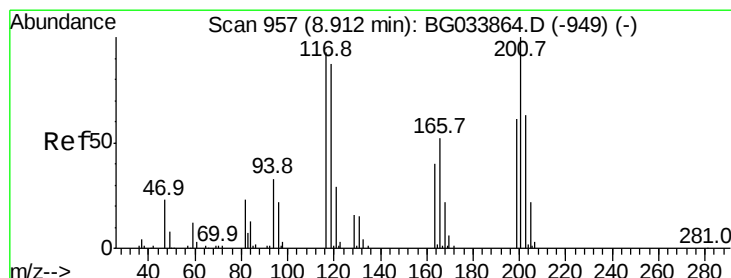
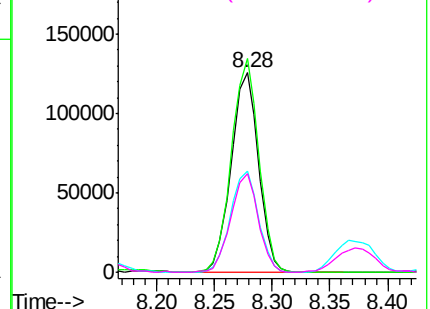
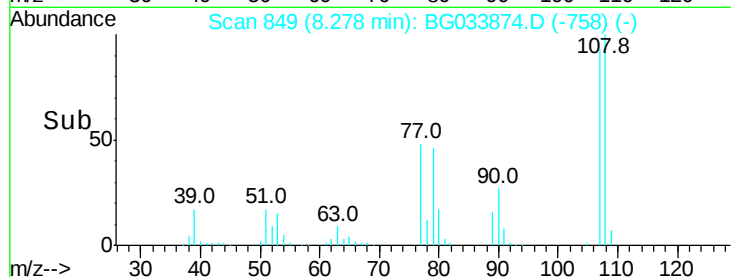


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.484 ng

RT: 8.91 min Scan# 957

Delta R.T. 0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

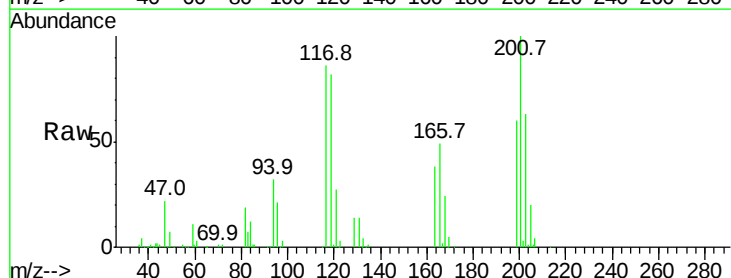
Tgt Ion:117 Resp: 95539

Ion Ratio Lower Upper

117 100

119 96.2 76.7 115.1

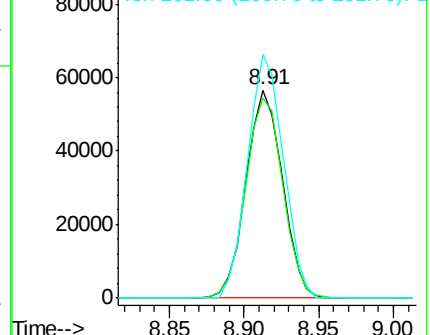
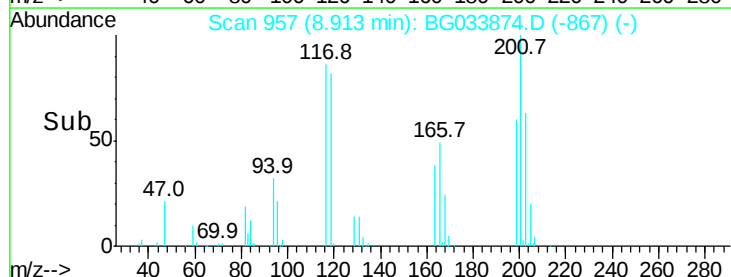
201 119.9 95.7 143.5

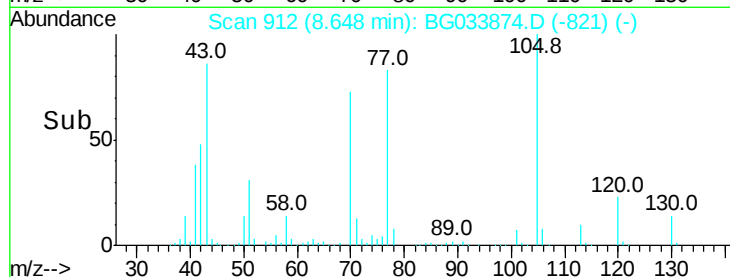
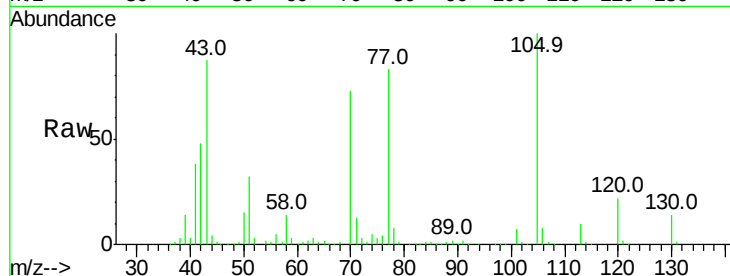
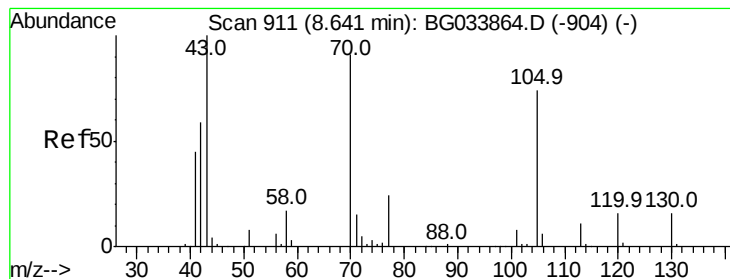


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.907 ng

RT: 8.65 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 211179

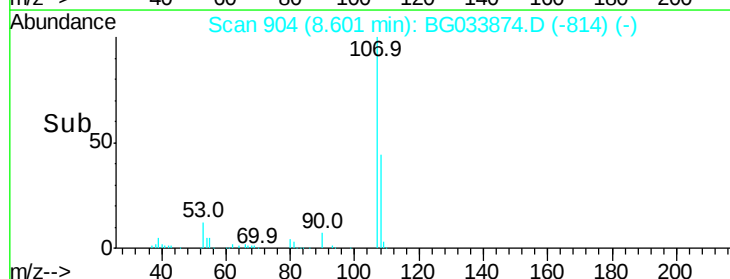
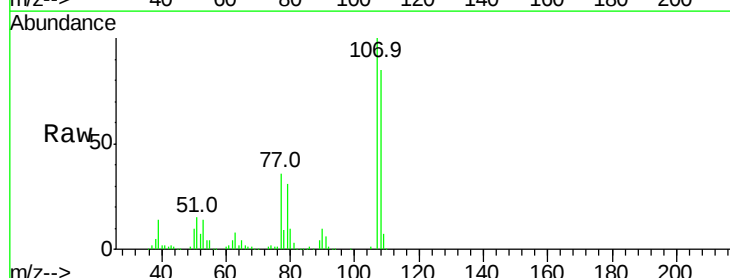
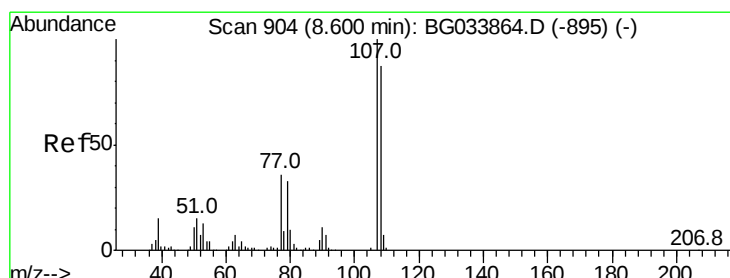
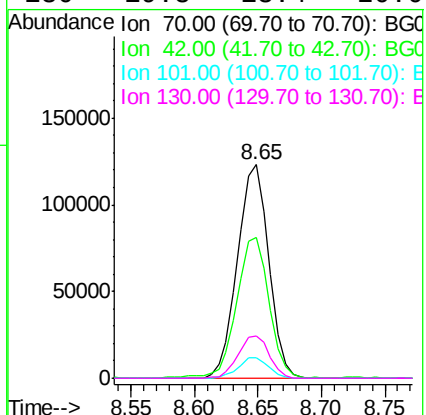
Ion Ratio Lower Upper

70 100

42 66.2 49.1 73.7

101 9.4 8.5 12.7

130 19.8 13.4 20.0



#20

3+4-Methylphenols

Concen: 38.264 ng

RT: 8.60 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Tgt Ion:107 Resp: 283323

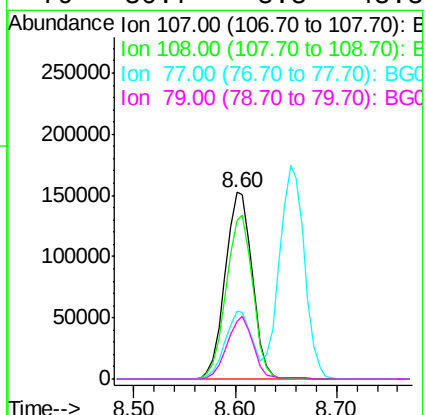
Ion Ratio Lower Upper

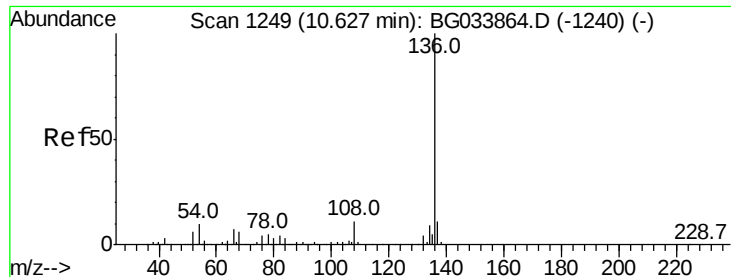
107 100

108 85.2 61.6 101.6

77 36.2 13.9 53.9

79 30.7 8.8 48.8

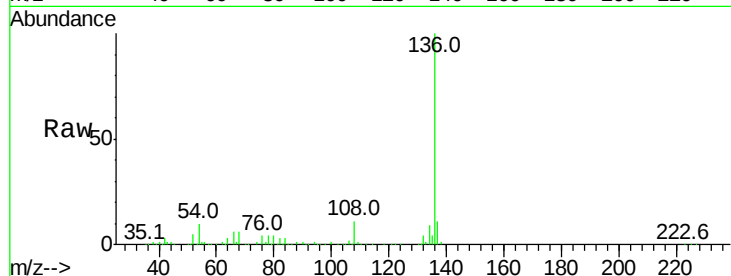




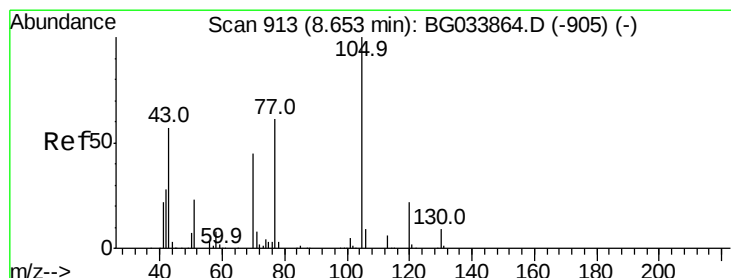
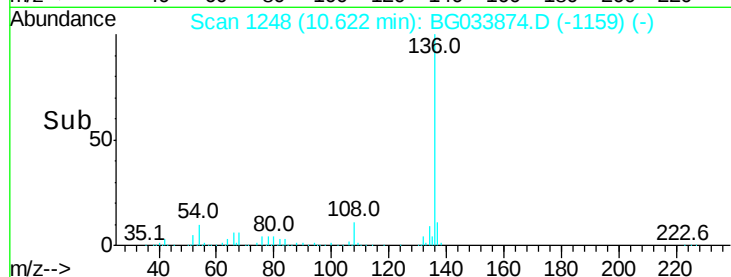
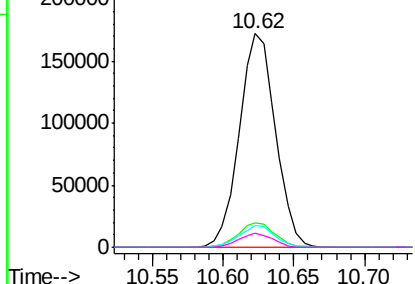
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	307218
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.2 13.8
54	10.4	10.3 15.5
68	6.3	4.5 6.7

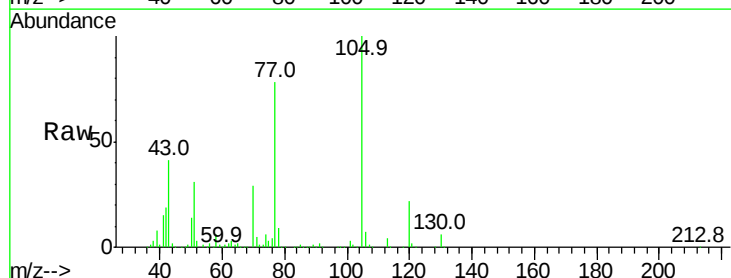


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

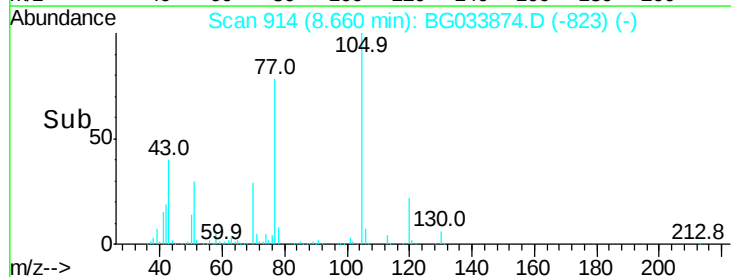
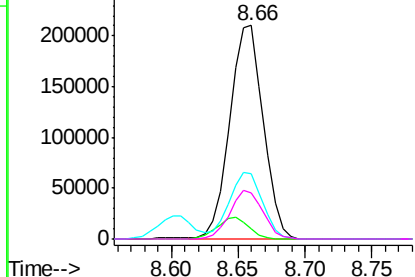


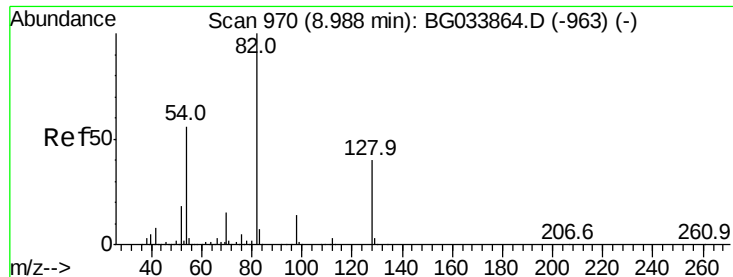
#22
Acetophenone
Concen: 43.994 ng
RT: 8.66 min Scan# 914
Delta R.T. 0.01 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion:105	Resp:	367861
Ion	Ratio	Lower Upper
105	100	
71	4.8	3.0 4.4#
51	30.6	26.1 39.1
120	21.5	17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

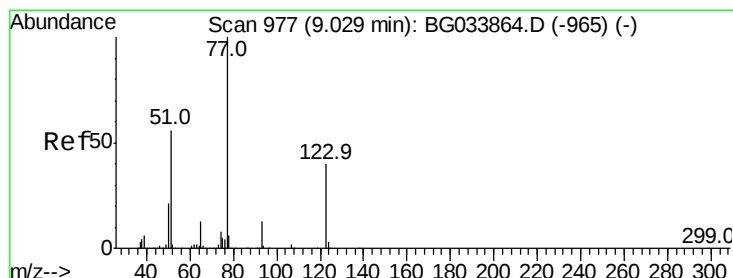
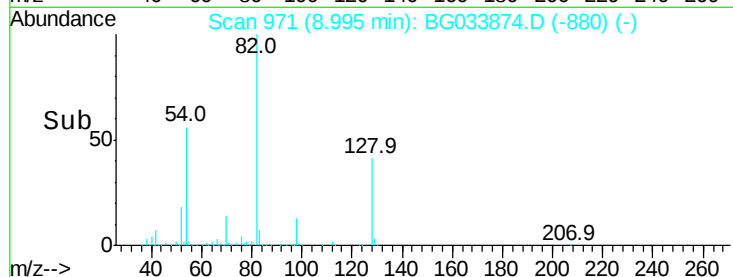
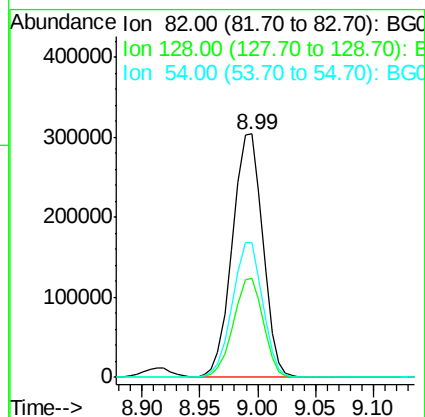
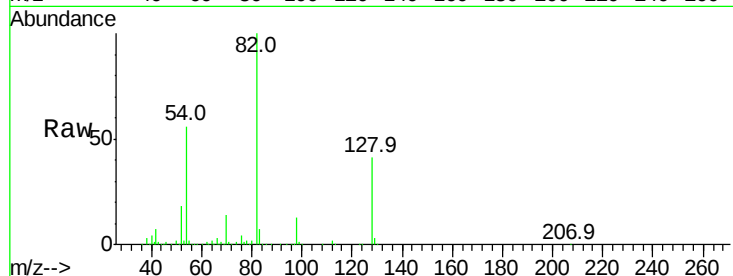




#23
 Nitrobenzene-d5
 Concen: 103.329 ng
 RT: 8.99 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

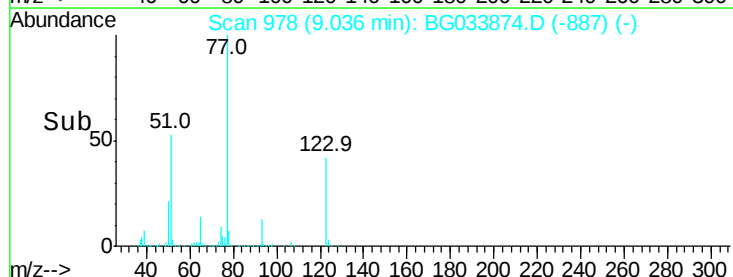
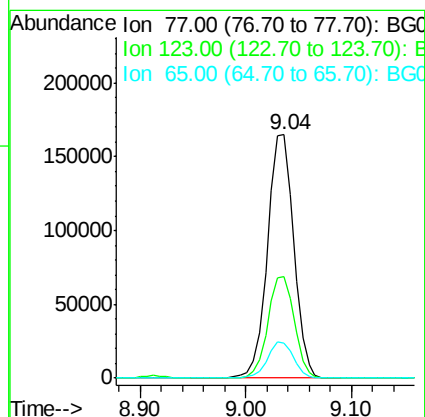
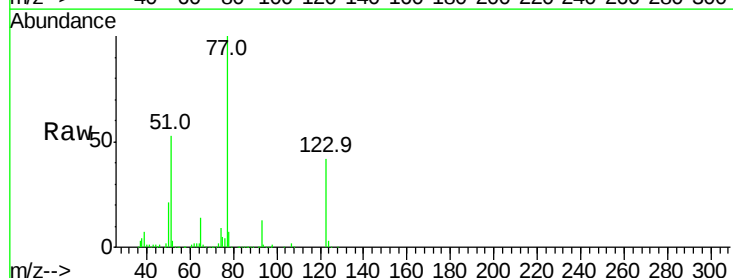
Instrument :
 BNA_G
 ClientSampleId :

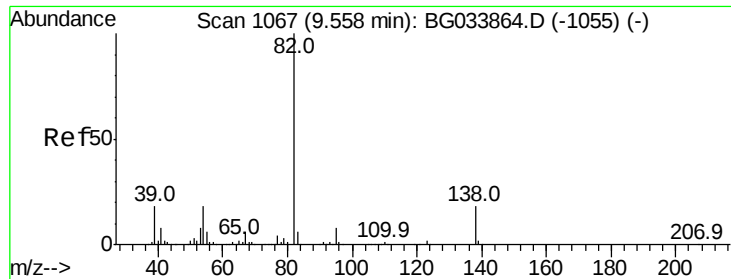
Tot Ion: 82 Resp: 557804
 Ion Ratio Lower Upper
 82 100
 128 40.6 29.7 44.5
 54 55.6 43.1 64.7



#24
 Nitrobenzene
 Concen: 48.437 ng
 RT: 9.04 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

Tgt Ion: 77 Resp: 284937
 Ion Ratio Lower Upper
 77 100
 123 41.6 33.0 49.6
 65 14.3 13.0 19.6





#25

Isophorone

Concen: 45.584 ng

RT: 9.56 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

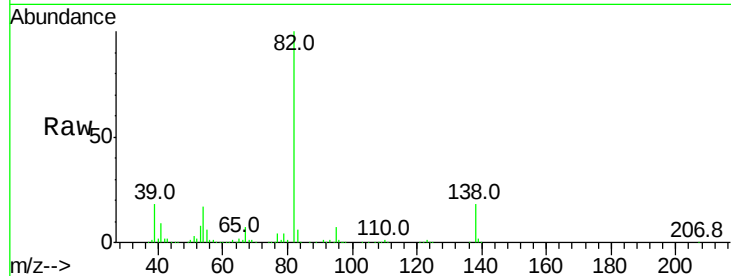
Tot Ion: 82 Resp: 553249

Ion Ratio Lower Upper

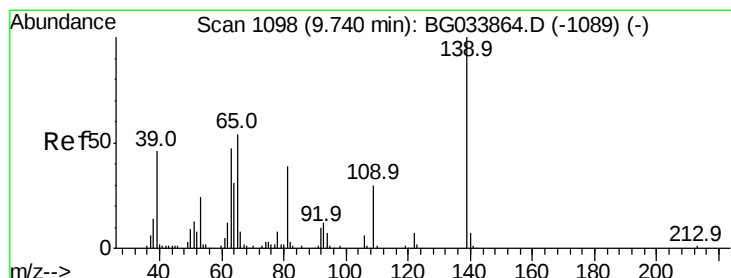
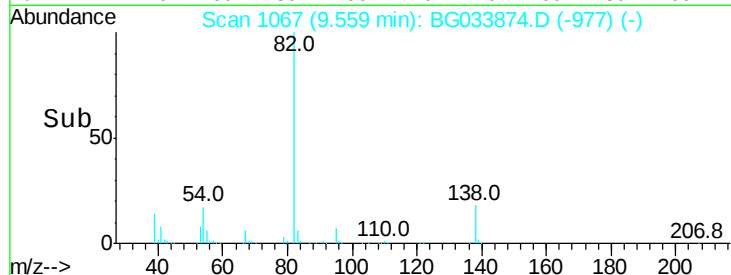
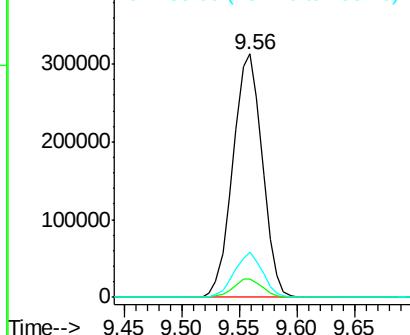
82 100

95 7.4 6.2 9.2

138 18.4 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: 53.183 ng

RT: 9.74 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

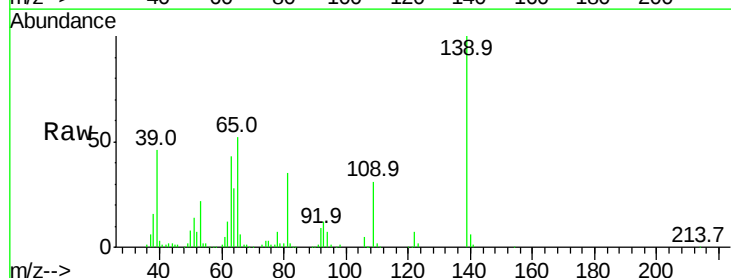
Tgt Ion: 139 Resp: 123616

Ion Ratio Lower Upper

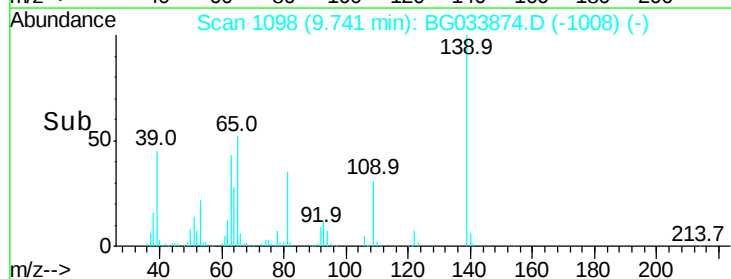
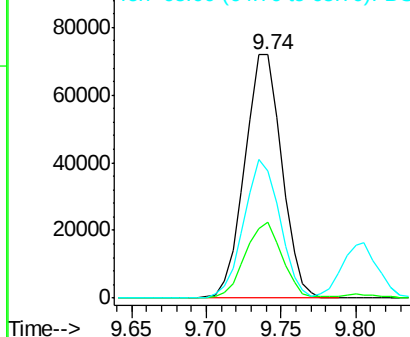
139 100

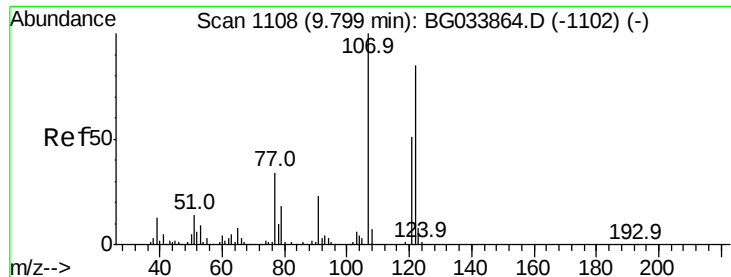
109 31.4 24.2 36.2

65 52.4 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

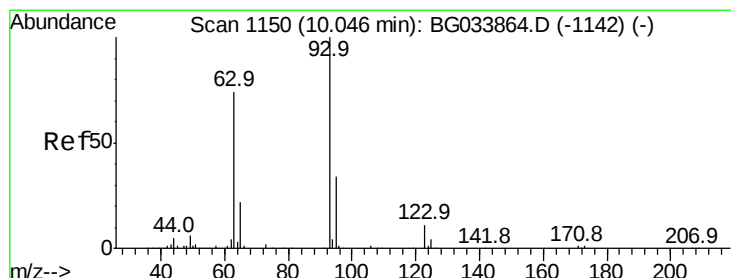
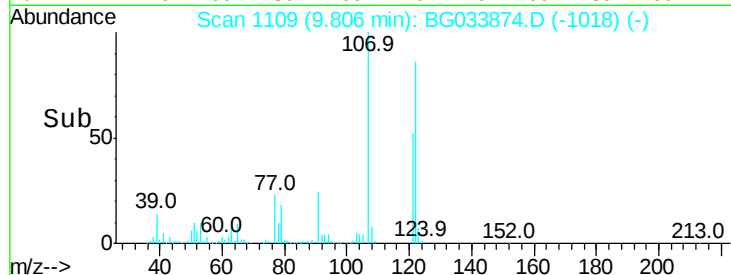
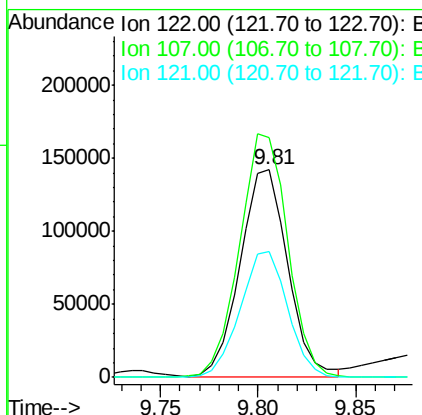
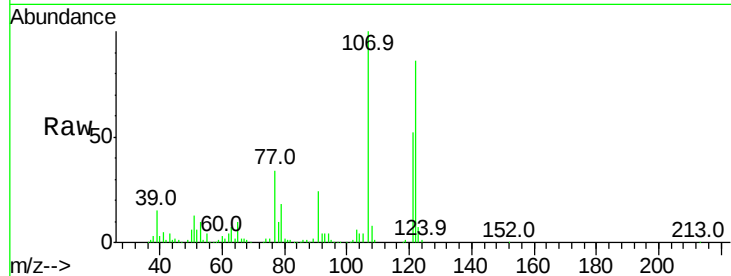




#27
2,4-Dimethylphenol
Concen: 55.217 ng
RT: 9.81 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

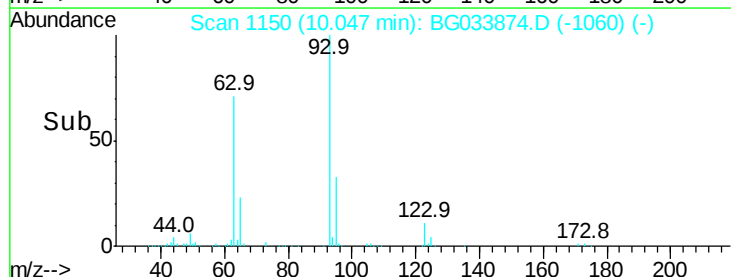
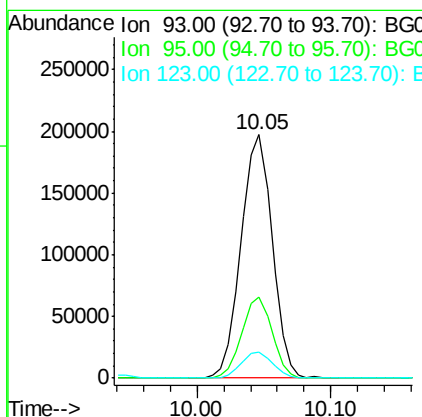
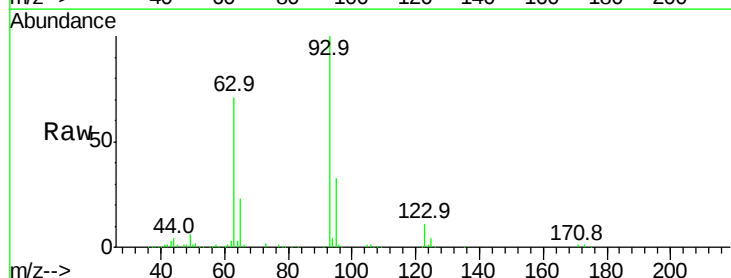
Instrument :
BNA_G
ClientSampleId :

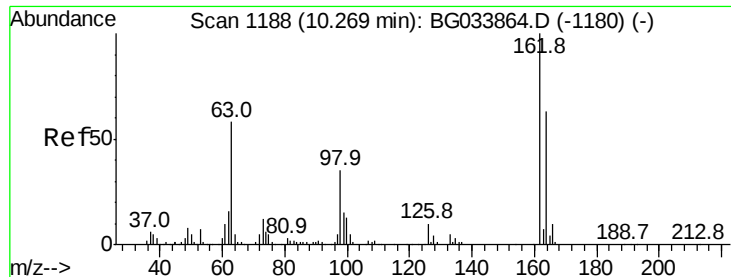
Tot Ion:122 Resp: 240061
Ion Ratio Lower Upper
122 100
107 115.8 100.2 150.2
121 60.8 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.734 ng
RT: 10.05 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion: 93 Resp: 319011
Ion Ratio Lower Upper
93 100
95 33.0 24.3 36.5
123 10.9 8.4 12.6

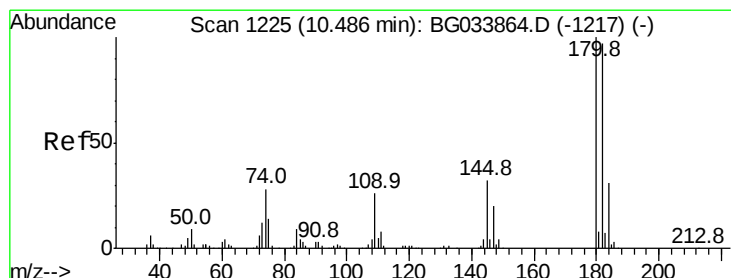
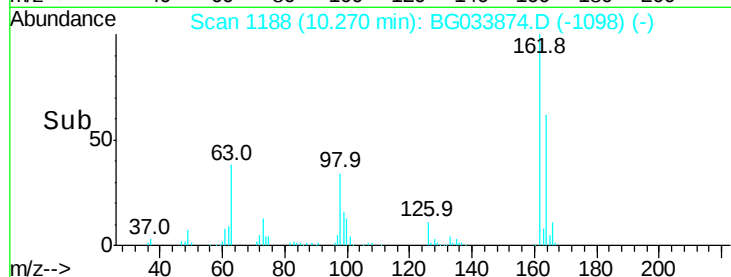
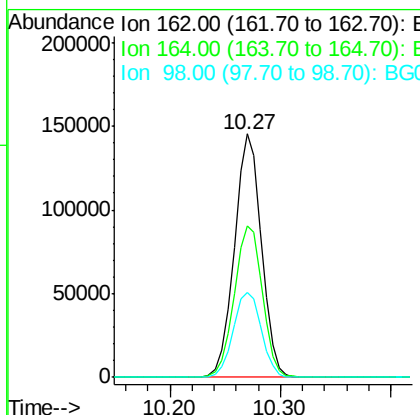
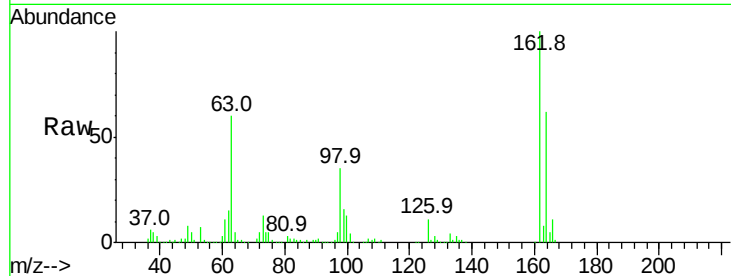




#29
 2,4-Dichlorophenol
 Concen: 51.330 ng
 RT: 10.27 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

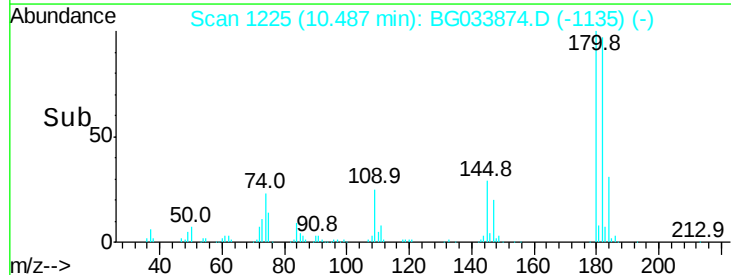
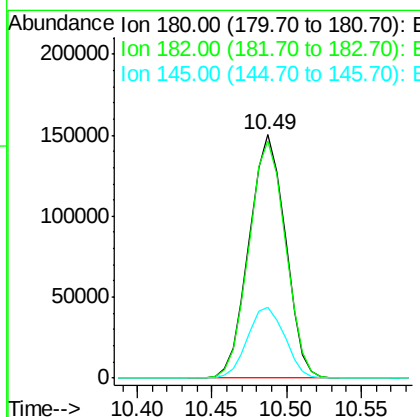
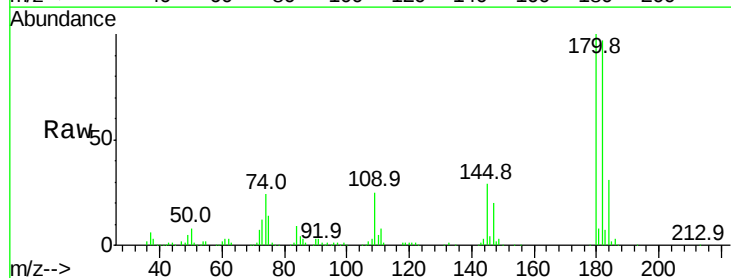
Instrument :
 BNA_G
 ClientSampleId :

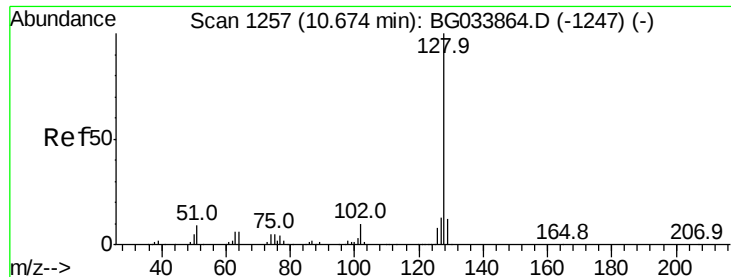
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	48.0	88.0
98	34.7	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.488 ng
 RT: 10.49 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.5	116.3
145	29.3	23.4	35.2

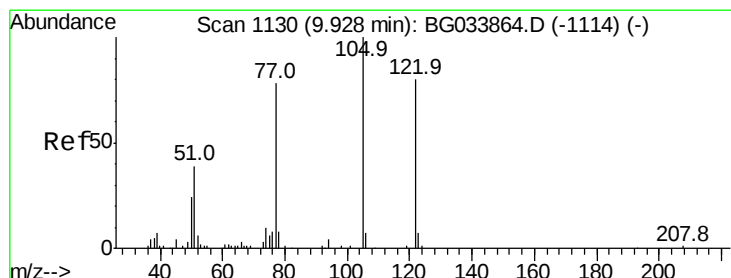
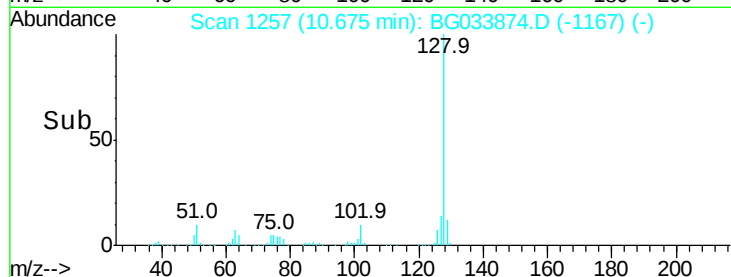
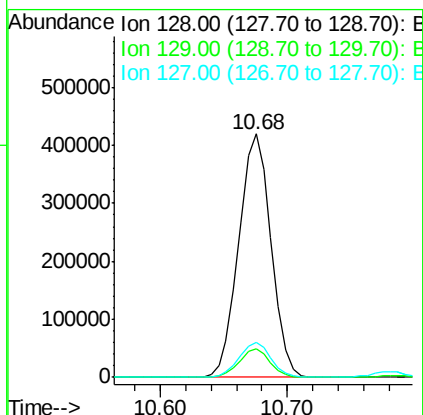
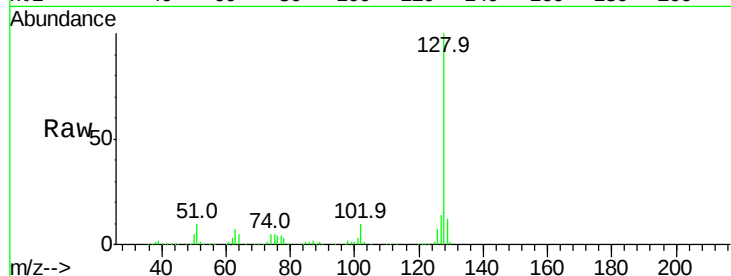




#31
Naphthalene
Concen: 46.805 ng
RT: 10.68 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

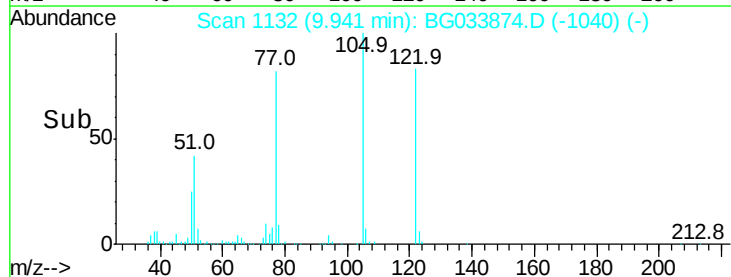
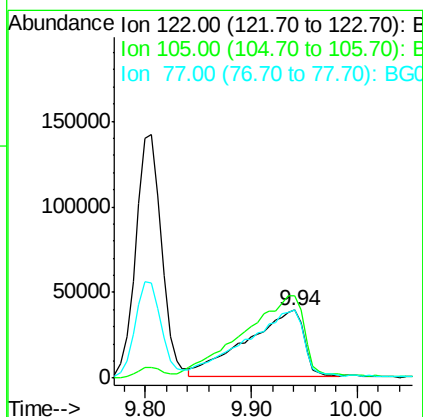
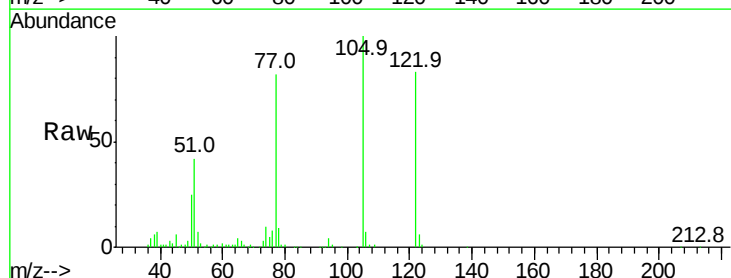
Instrument :
BNA_G
ClientSampleId :

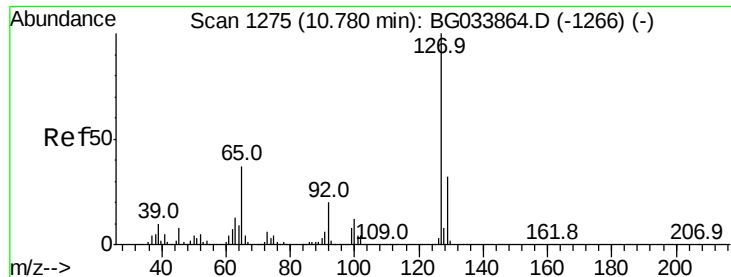
Tot Ion:128 Resp: 739450
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 14.2 11.6 17.4



#32
Benzoic acid
Concen: 35.230 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion:122 Resp: 146101
Ion Ratio Lower Upper
122 100
105 121.0 123.5 163.5#
77 99.5 85.7 125.7

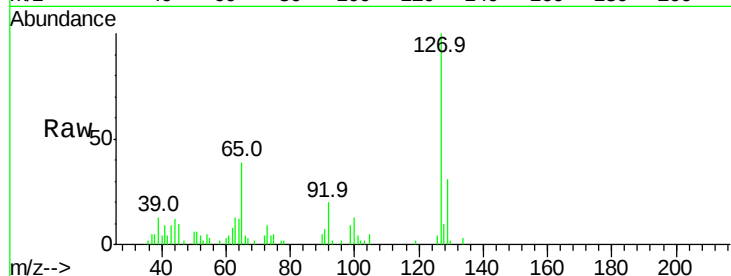




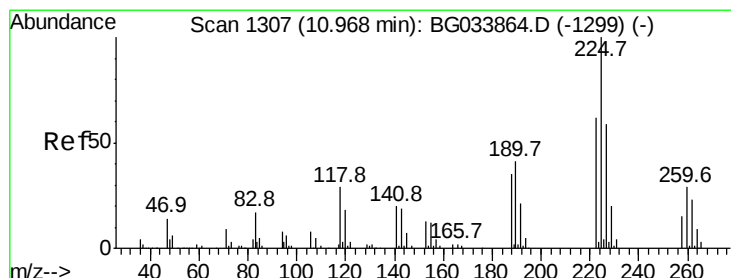
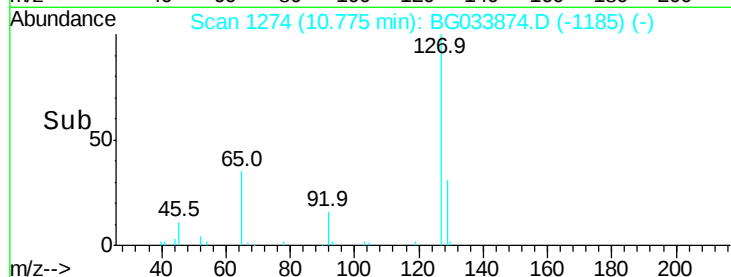
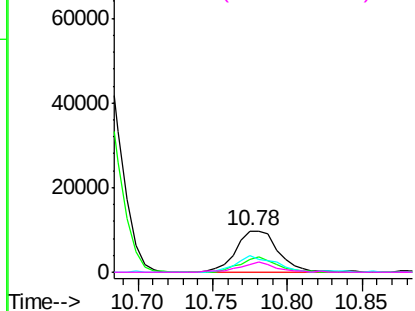
#33
4-Chloroaniline
Concen: 2.595 ng
RT: 10.78 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	19267
Ion	Ratio	Lower	Upper
127	100		
129	31.4	24.0	36.0
65	38.8	27.0	40.4
92	19.6	16.6	25.0

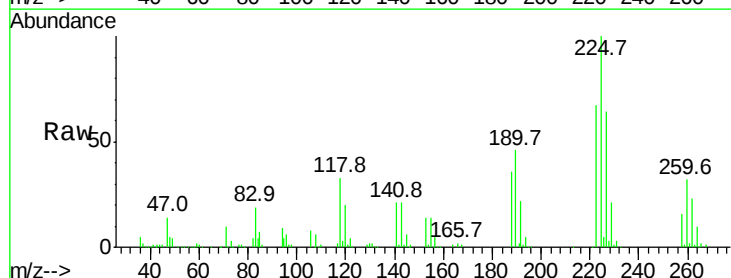


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

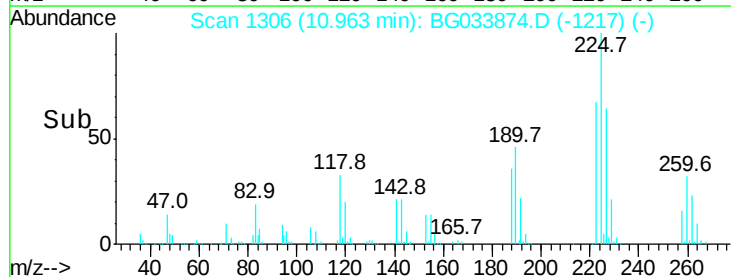
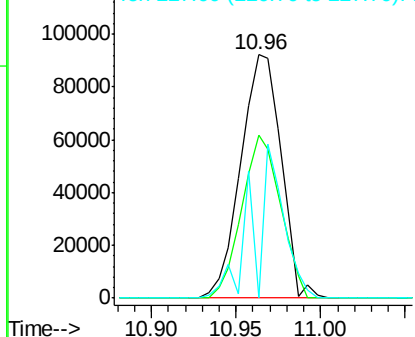


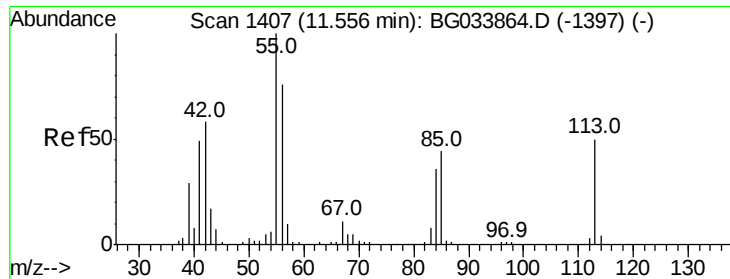
#34
Hexachlorobutadiene
Concen: 46.995 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion:	225	Resp:	152609
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	3.1	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

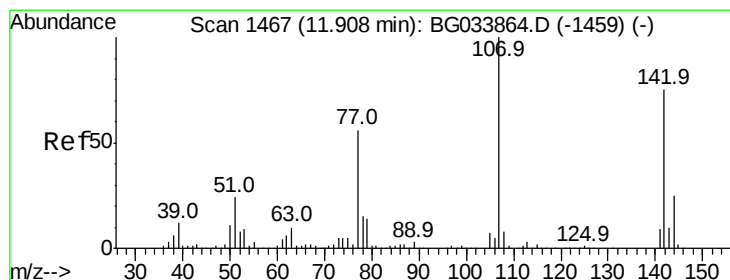
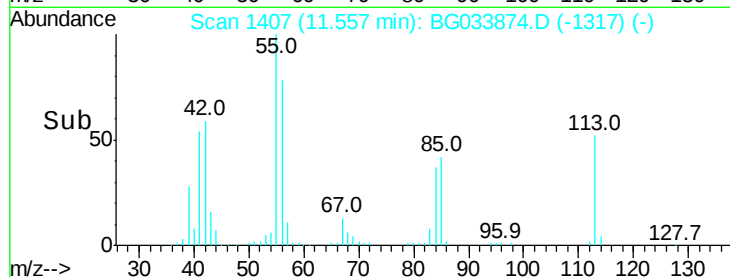
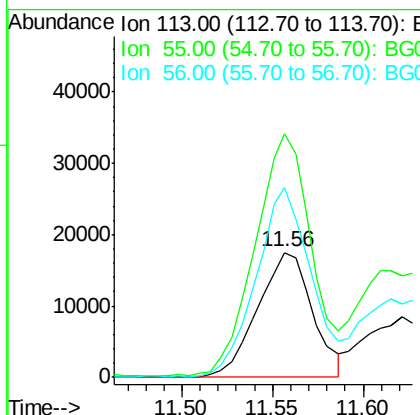
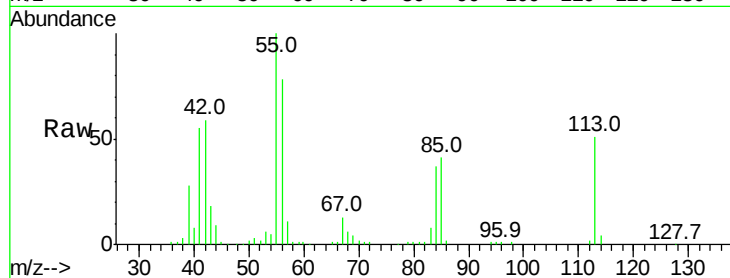




#35
Caprolactam
Concen: 17.826 ng
RT: 11.56 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

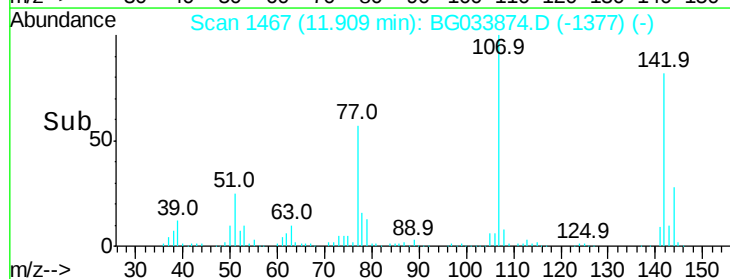
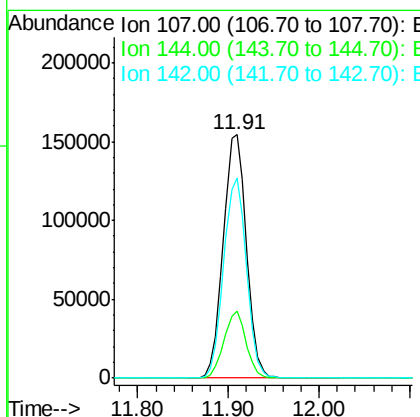
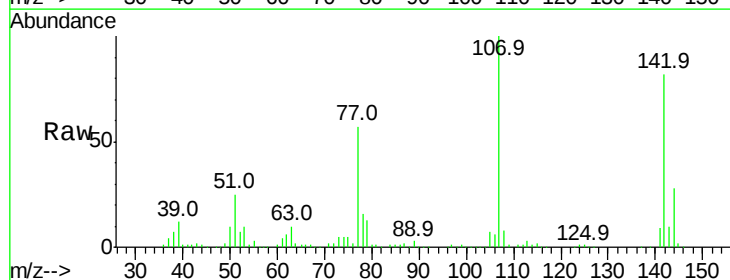
Instrument :
BNA_G
ClientSampleId :

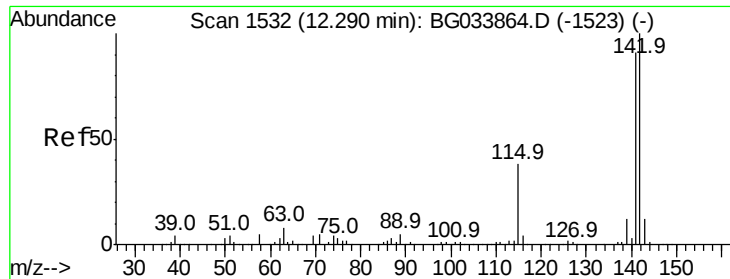
Tot Ion:113 Resp: 36732
Ion Ratio Lower Upper
113 100
55 195.1 186.9 226.9
56 151.9 130.9 170.9



#36
4-Chloro-3-methylphenol
Concen: 46.365 ng
RT: 11.91 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion:107 Resp: 274263
Ion Ratio Lower Upper
107 100
144 27.7 18.2 27.4#
142 82.4 59.0 88.4

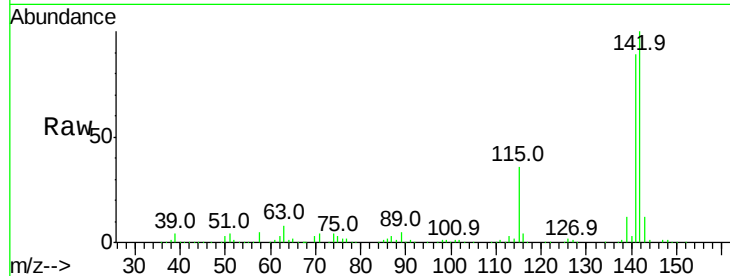




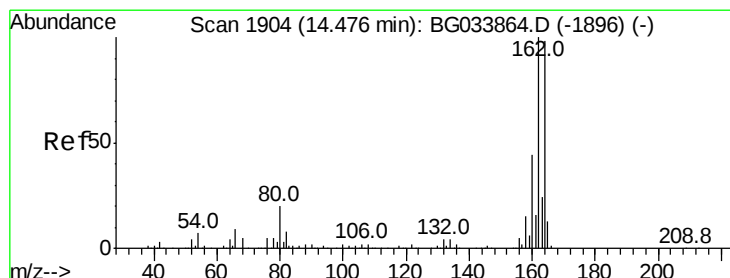
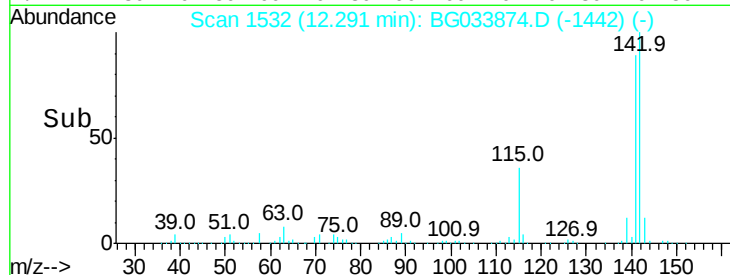
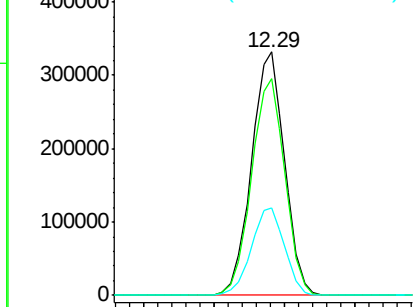
#37
2-Methylnaphthalene
Concen: 45.050 ng
RT: 12.29 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	67.1	100.7
115	35.8	30.7	46.1

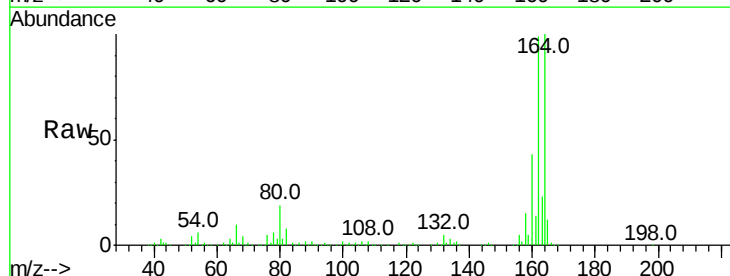


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

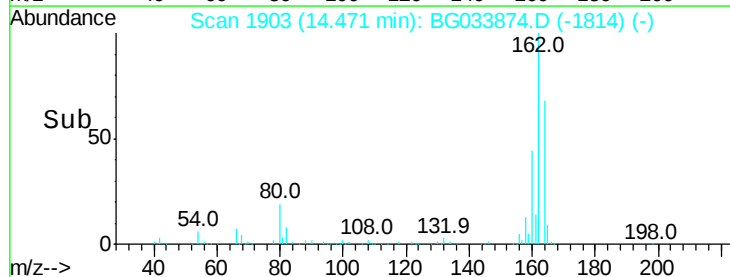
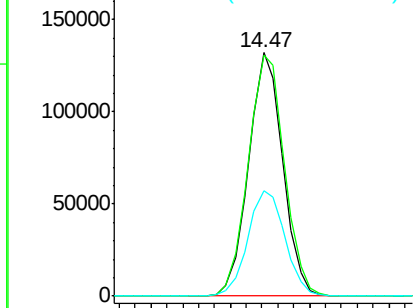


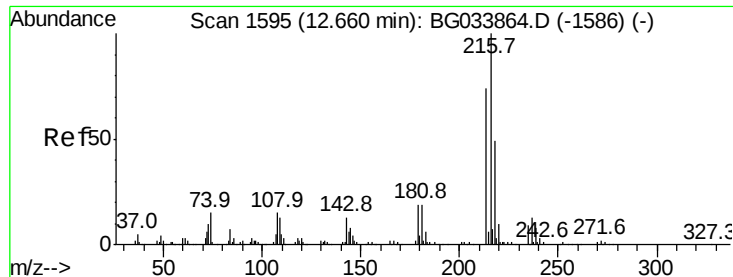
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.8	118.2
160	43.5	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.813 ng

RT: 12.66 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 306705

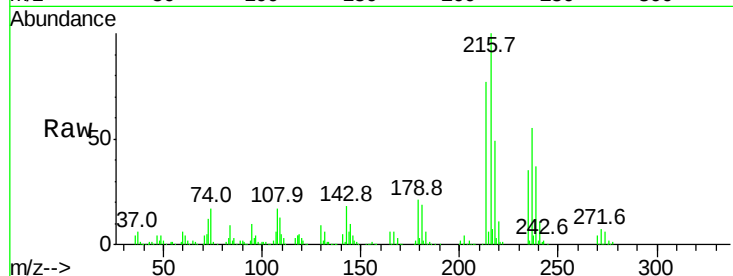
Ion Ratio Lower Upper

216 100

214 76.5 63.0 94.4

179 19.6 17.0 25.6

108 18.5 12.8 19.2

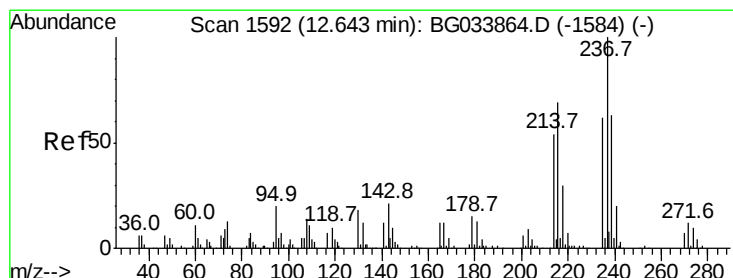
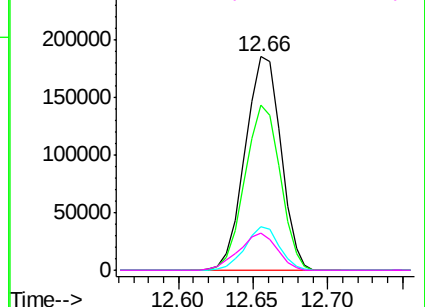
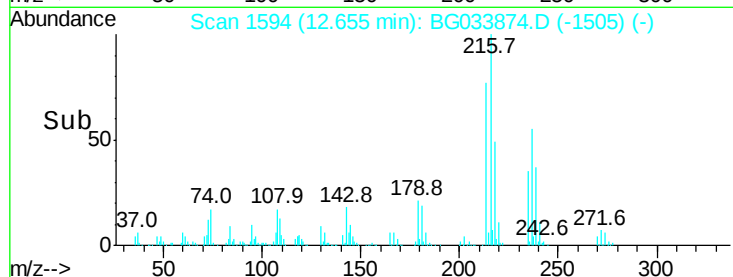


Abundance Ion 216.00 (215.70 to 216.70): E

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: 103.871 ng

RT: 12.64 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

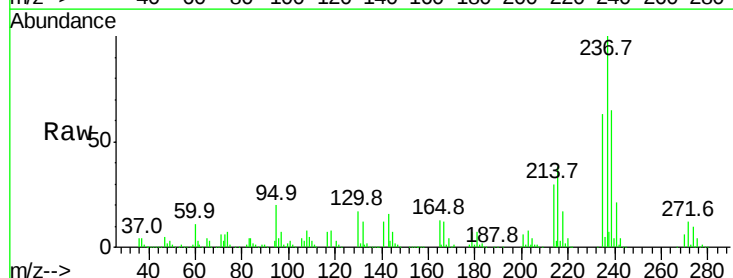
Tgt Ion:237 Resp: 374189

Ion Ratio Lower Upper

237 100

235 63.0 50.4 90.4

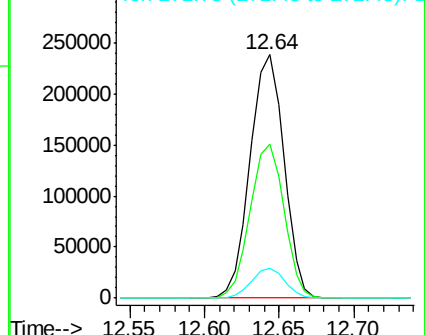
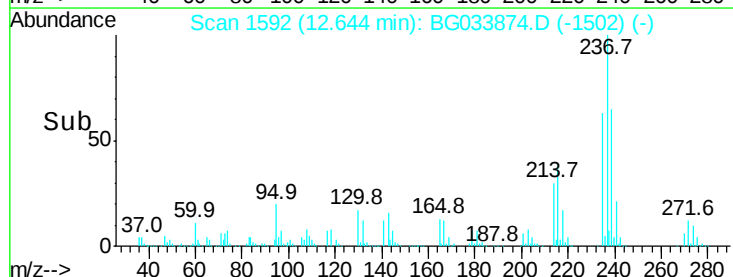
272 12.2 0.0 31.8

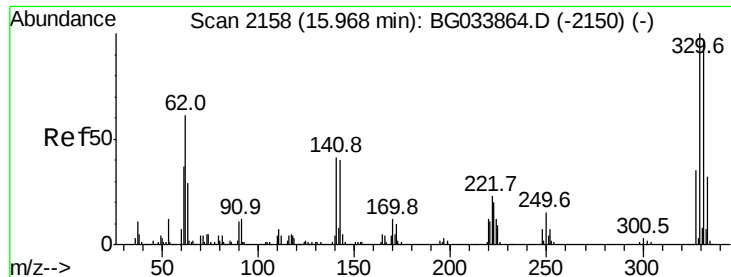


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 157.625 ng

RT: 15.97 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

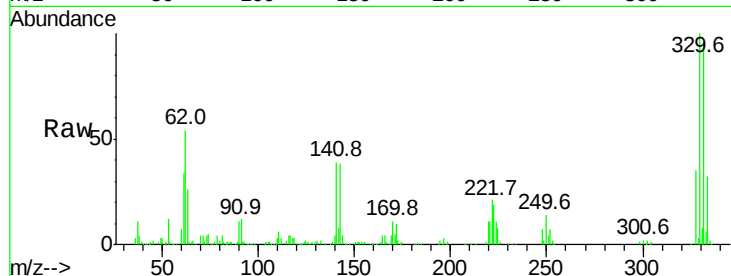
Tot Ion:330 Resp: 362835

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

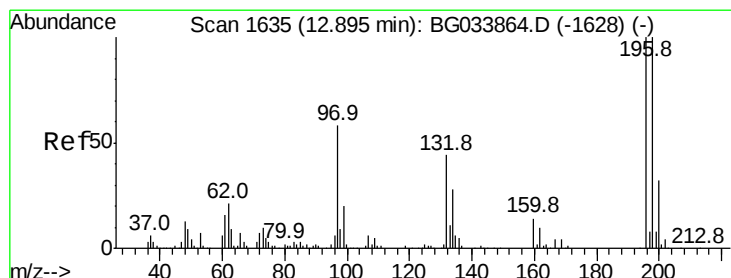
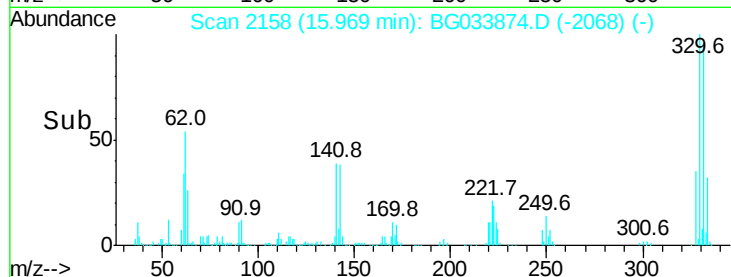
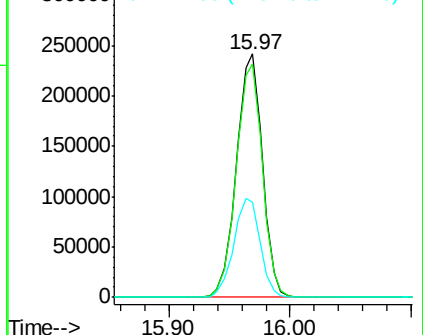
141 41.3 25.2 37.8#



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: 51.852 ng

RT: 12.90 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

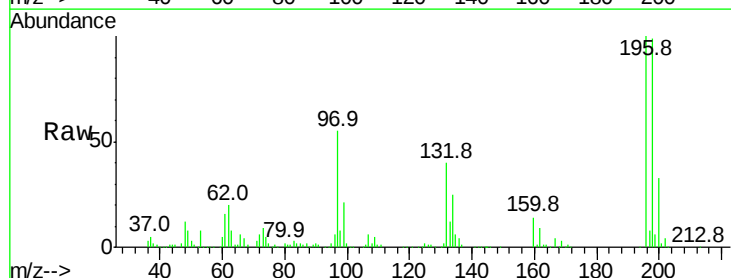
Tgt Ion:196 Resp: 207130

Ion Ratio Lower Upper

196 100

198 105.2 78.2 117.2

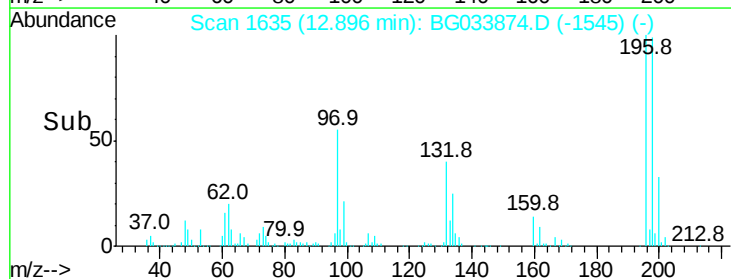
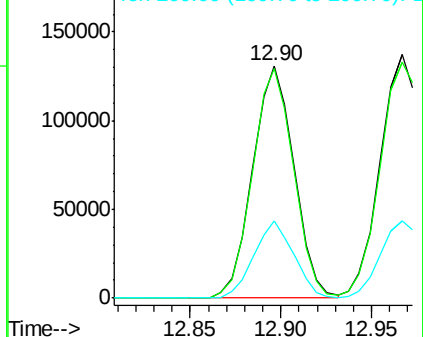
200 33.0 24.6 36.8

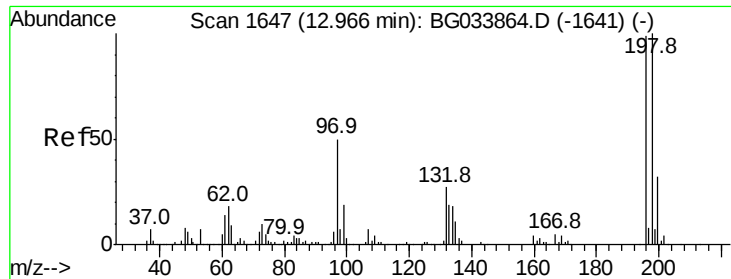


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

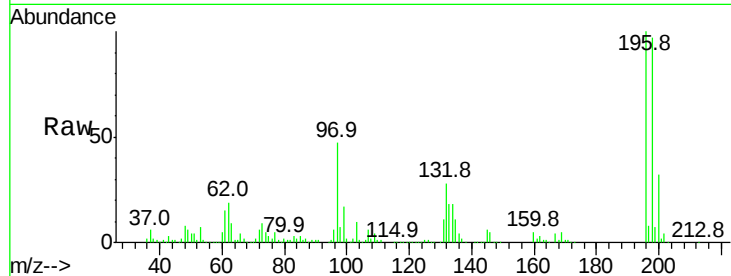




#43
 2,4,5-Trichlorophenol
 Concen: 49.251 ng
 RT: 12.97 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	104.1	76.2	114.4
97	47.4	38.7	58.1
132	28.1	20.2	30.2



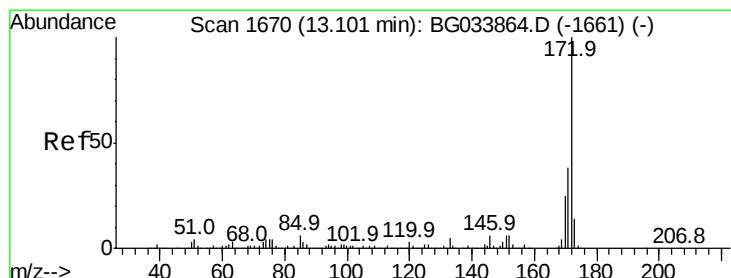
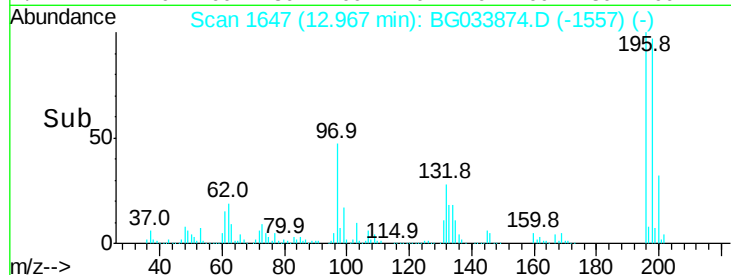
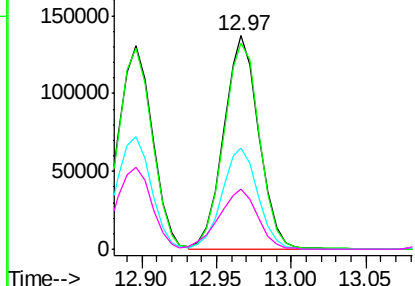
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

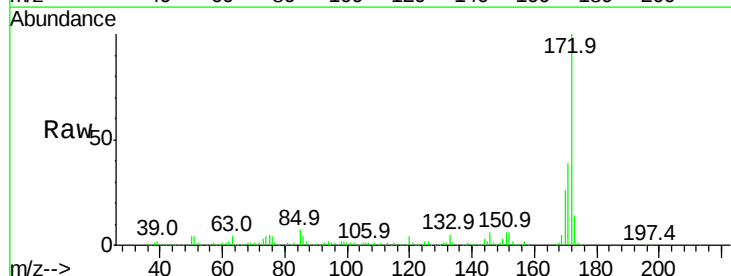
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.379 ng
 RT: 13.10 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.0	45.0
170	26.1	19.5	29.3

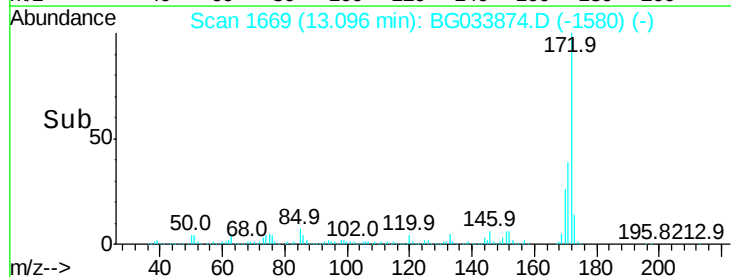
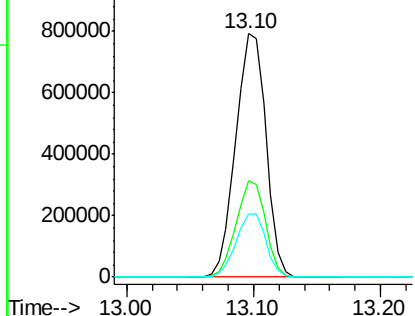


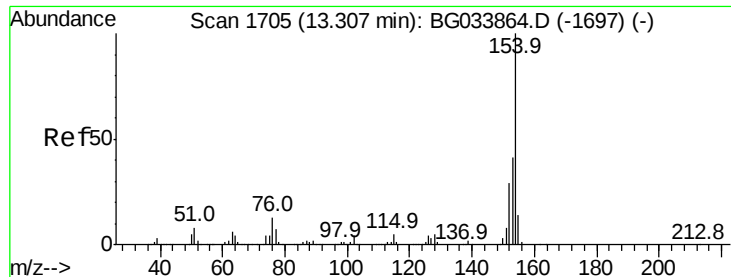
Abundance

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: 44.999 ng

RT: 13.31 min Scan# 1705

Delta R.T. 0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

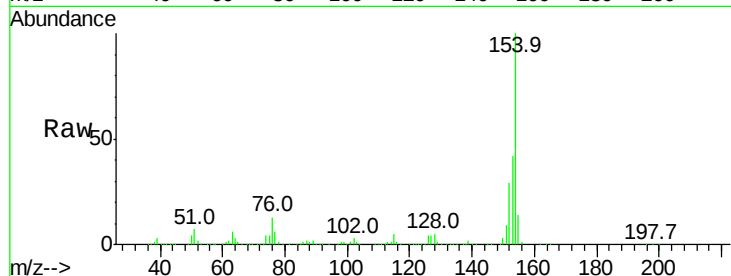
Tot Ion:154 Resp: 718712

Ion Ratio Lower Upper

154 100

153 42.3 19.8 59.8

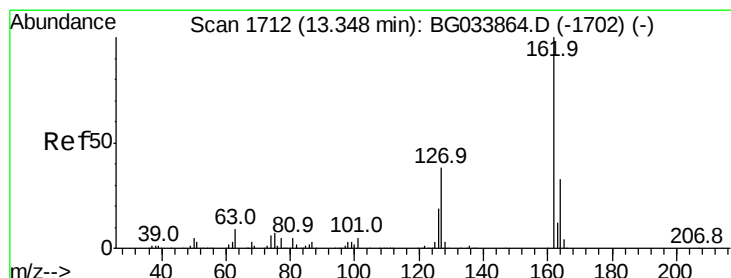
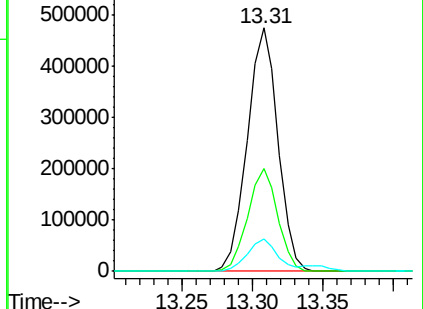
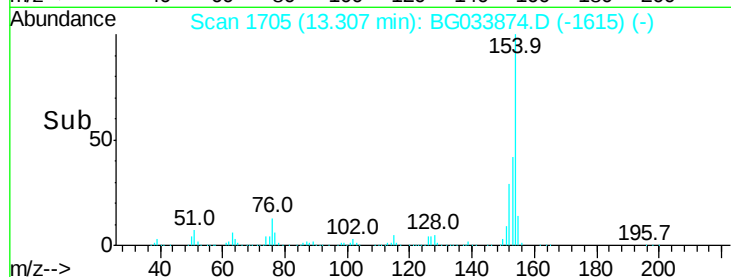
76 13.1 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 45.367 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

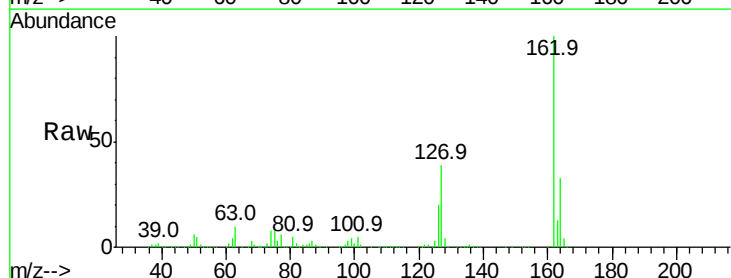
Tgt Ion:162 Resp: 549412

Ion Ratio Lower Upper

162 100

127 38.5 30.7 46.1

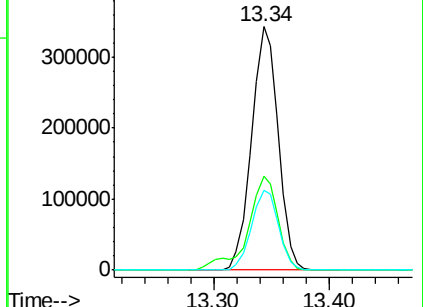
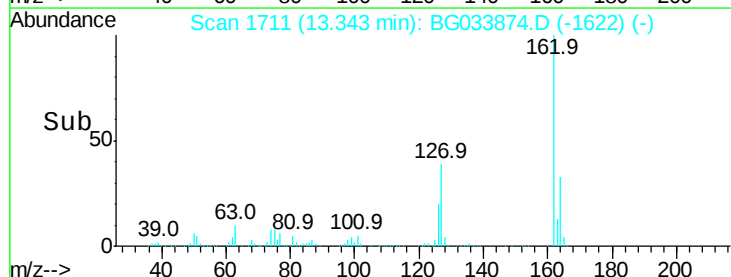
164 32.9 26.0 39.0

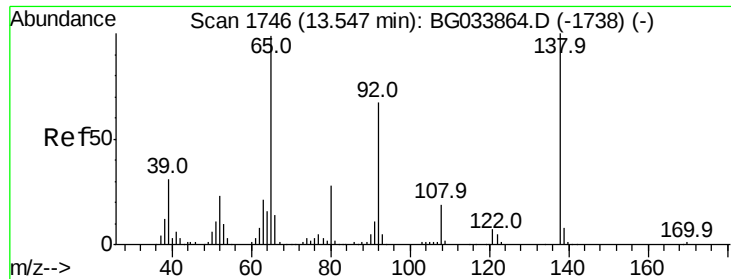


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

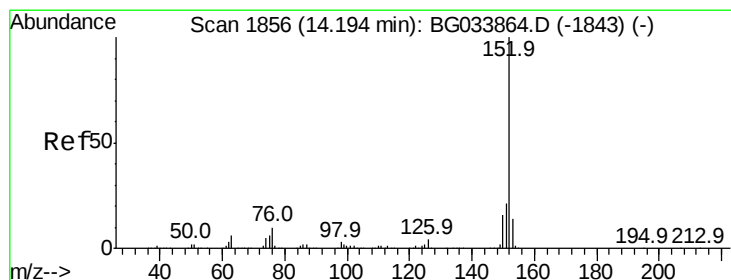
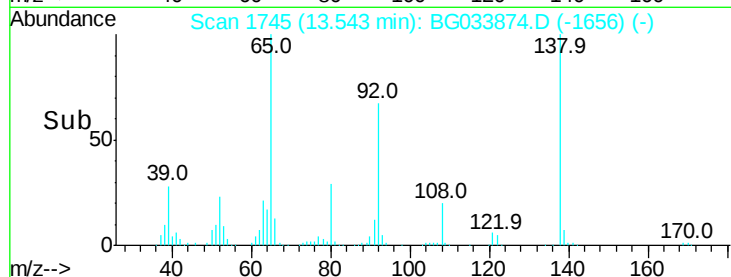
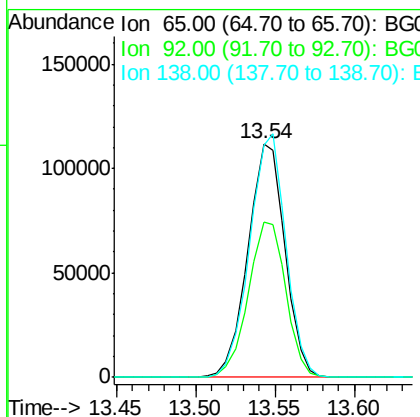
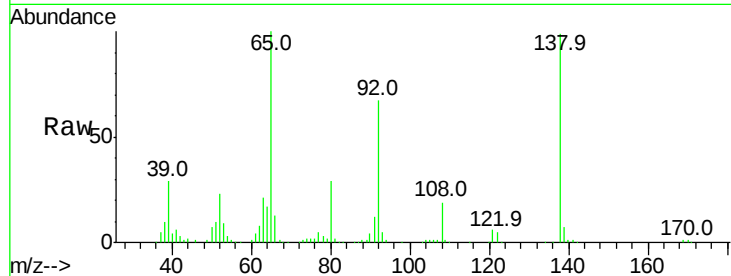




#47
2-Nitroaniline
Concen: 48.106 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

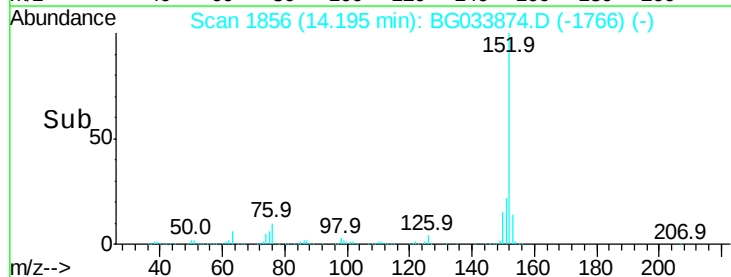
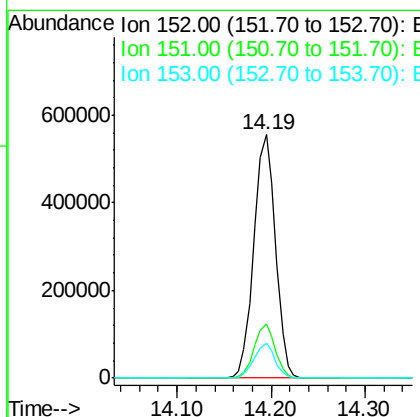
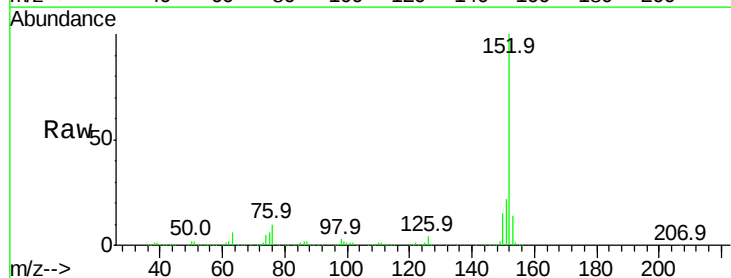
Instrument :
BNA_G
ClientSampleId :

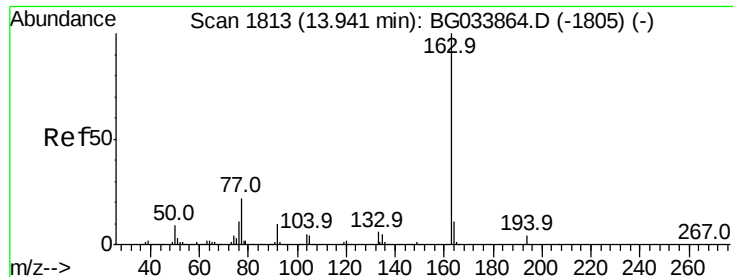
Tot Ion: 65 Resp: 181902
Ion Ratio Lower Upper
65 100
92 66.6 54.6 82.0
138 99.4 72.9 109.3



#48
Acenaphthylene
Concen: 44.022 ng
RT: 14.19 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion: 152 Resp: 886180
Ion Ratio Lower Upper
152 100
151 22.1 17.2 25.8
153 14.2 10.2 15.4

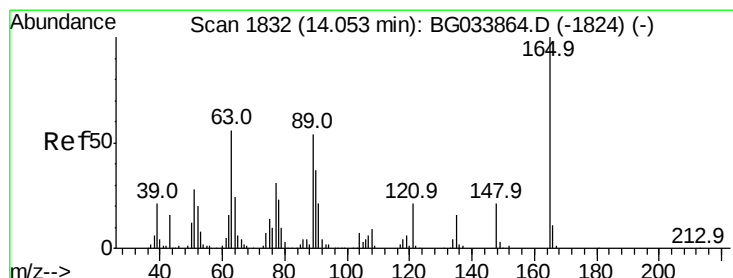
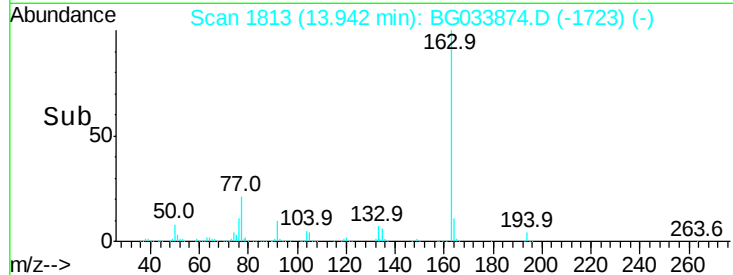
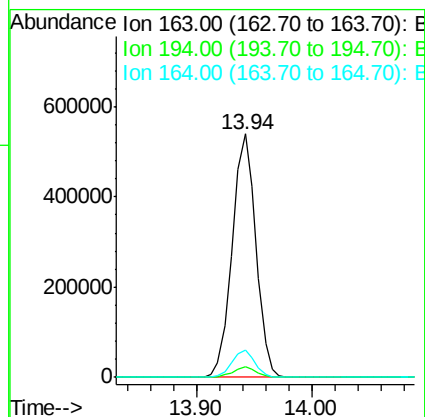
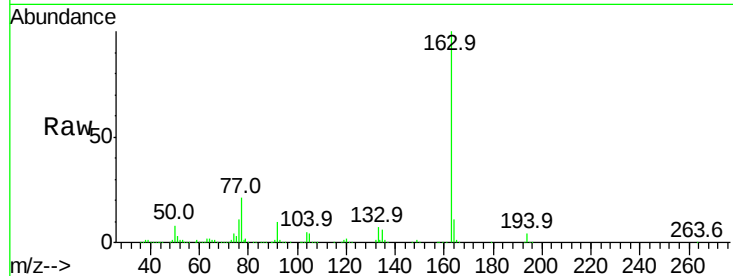




#49
Dimethylphthalate
Concen: 44.084 ng
RT: 13.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

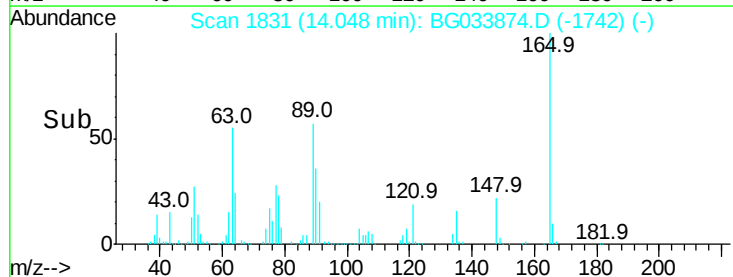
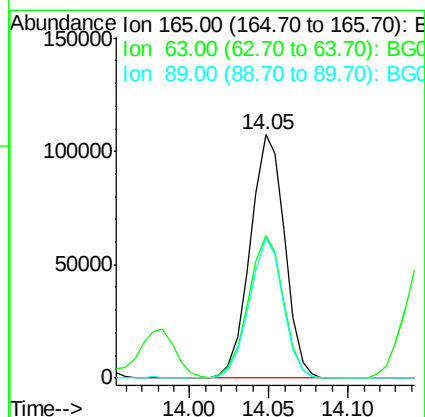
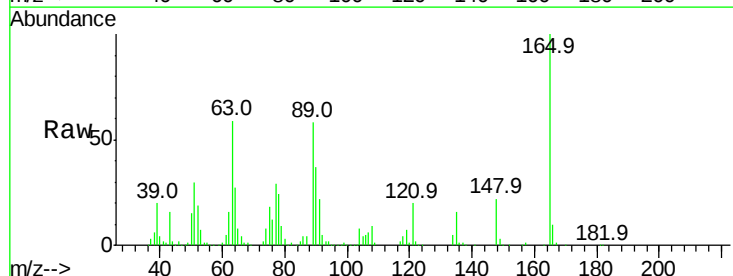
Instrument :
BNA_G
ClientSampleId :

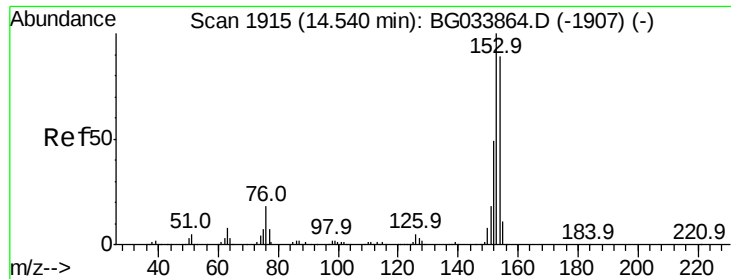
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	11.0	8.2	12.4



#50
2,6-Dinitrotoluene
Concen: 49.345 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.6	52.7	79.1
89	57.7	49.2	73.8

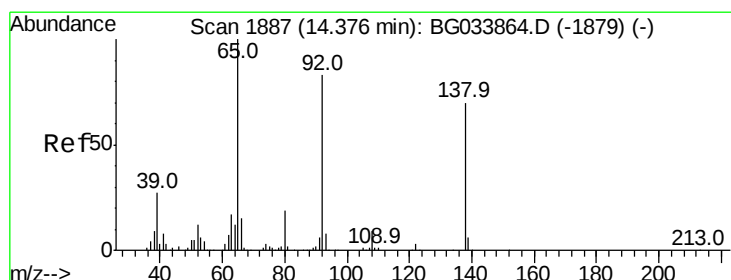
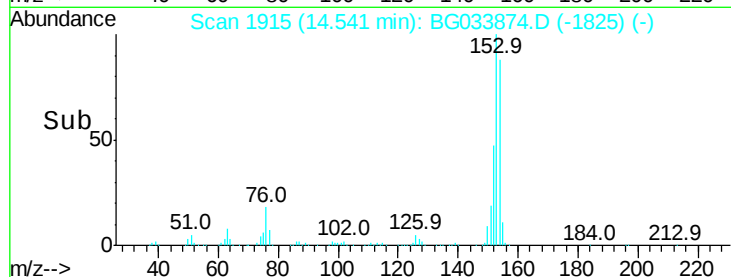
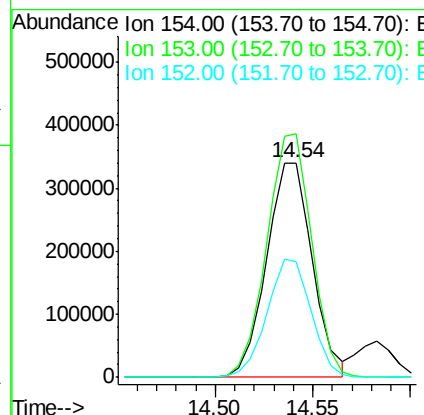
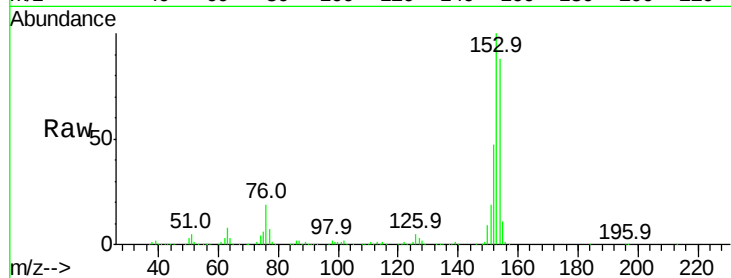




#51
Acenaphthene
Concen: 43.528 ng
RT: 14.54 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

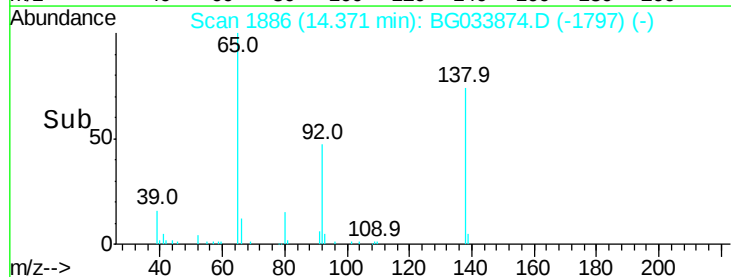
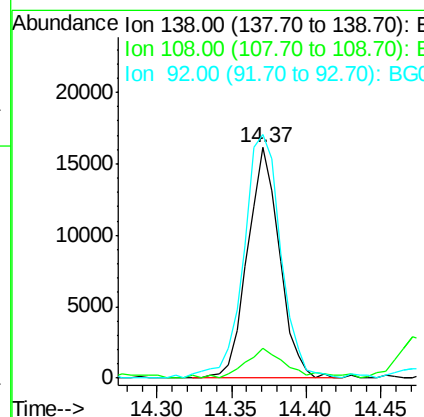
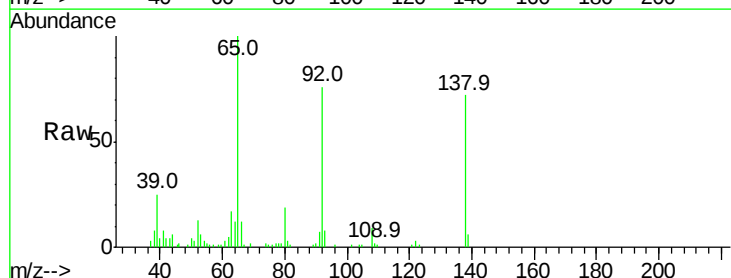
Instrument :
BNA_G
ClientSampleId :

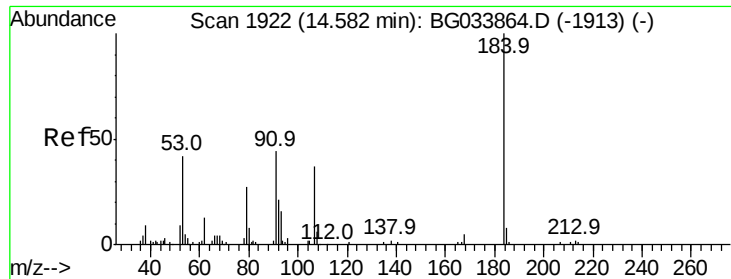
Tot Ion:154 Resp: 550453
Ion Ratio Lower Upper
154 100
153 113.6 90.4 135.6
152 53.9 41.6 62.4



#52
3-Nitroaniline
Concen: 6.668 ng
RT: 14.37 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion:138 Resp: 23814
Ion Ratio Lower Upper
138 100
108 13.2 17.5 26.3#
92 105.7 105.8 158.8#

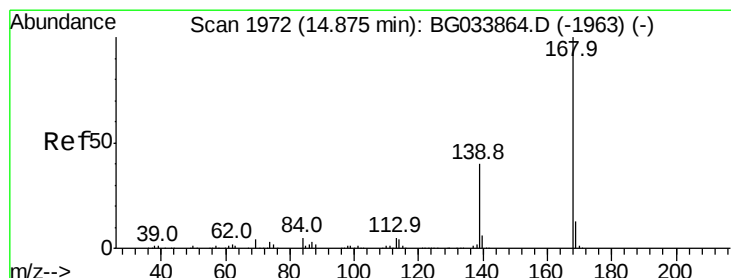
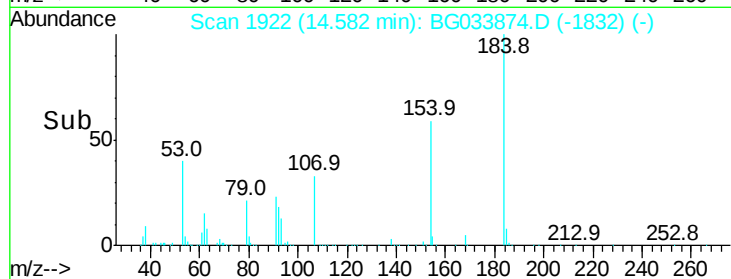
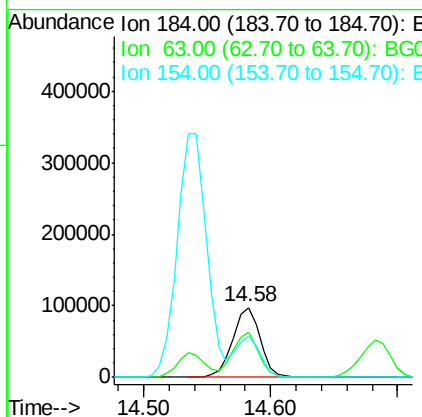
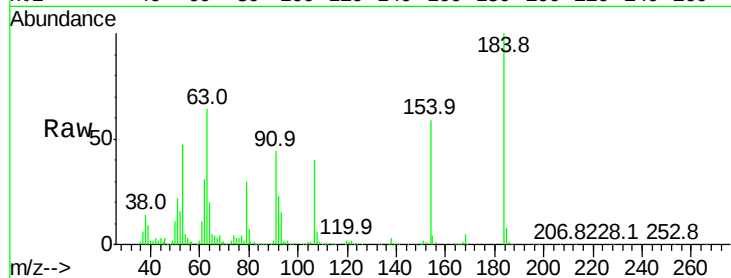




#53
2,4-Dinitrophenol
Concen: 124.940 ng
RT: 14.58 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

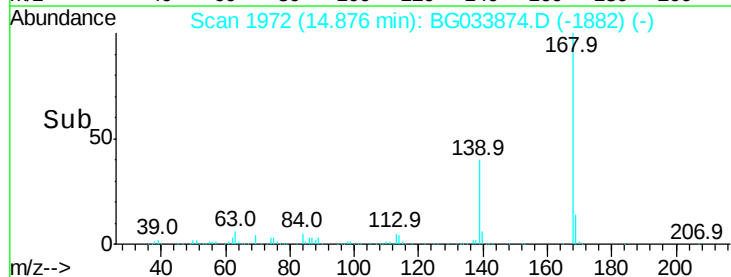
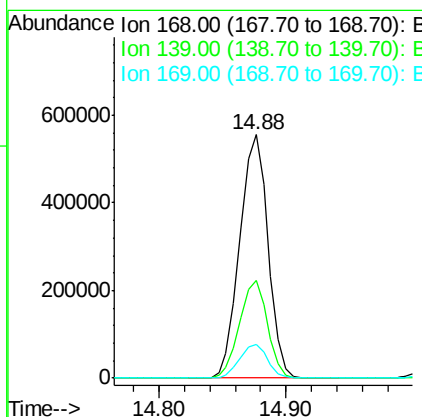
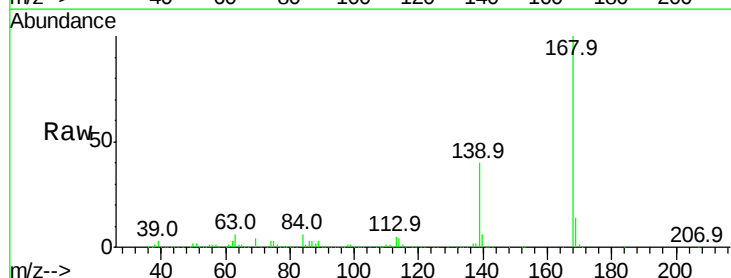
Instrument :
BNA_G
ClientSampleId :

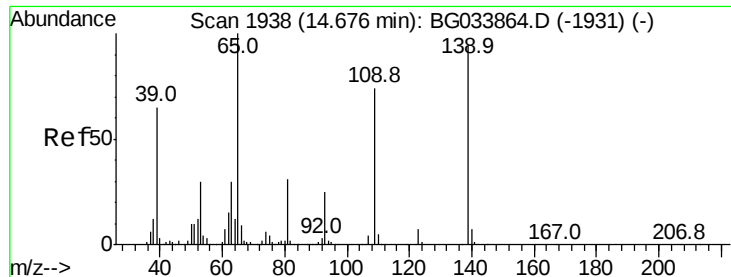
Tot Ion:184 Resp: 146964
Ion Ratio Lower Upper
184 100
63 64.4 59.8 89.8
154 59.0 101.8 152.8#



#54
Dibenzofuran
Concen: 45.761 ng
RT: 14.88 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion:168 Resp: 857949
Ion Ratio Lower Upper
168 100
139 40.0 28.6 43.0
169 14.0 11.2 16.8

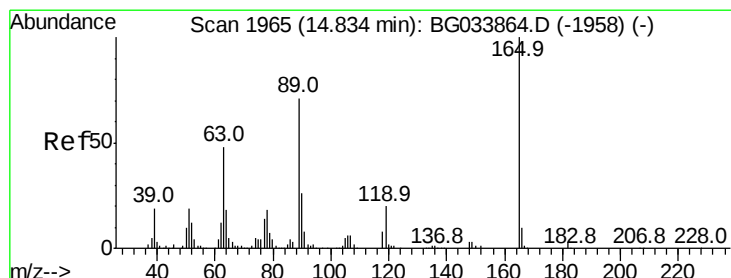
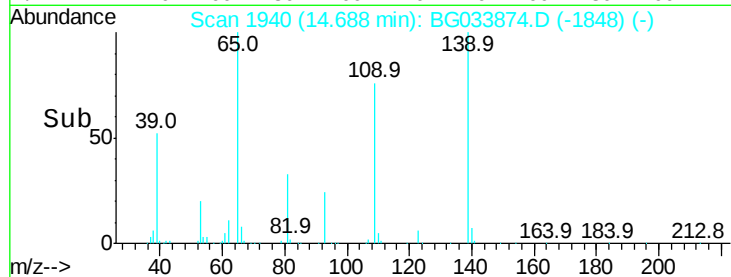
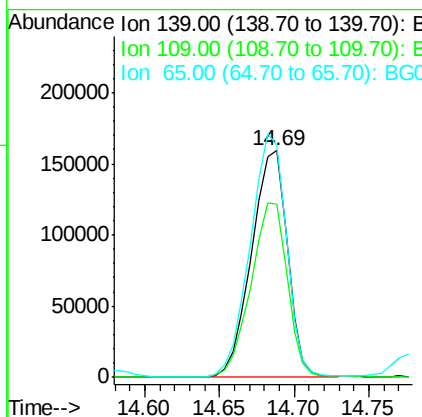
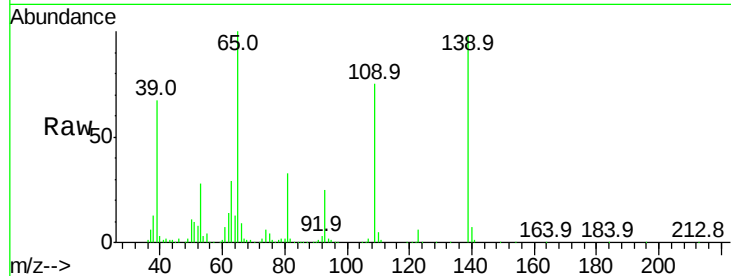




#55
4-Nitrophenol
Concen: 94.861 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

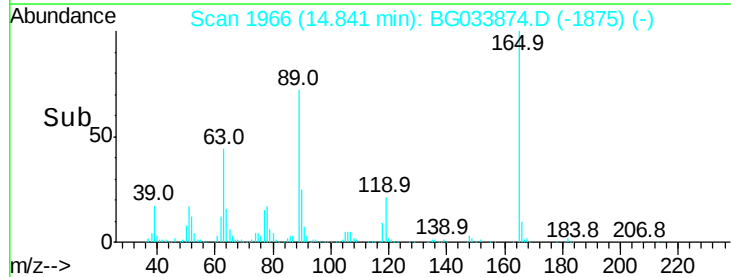
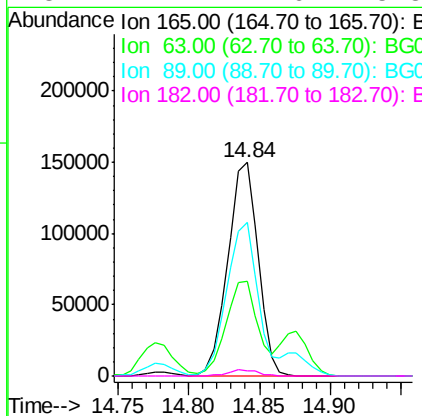
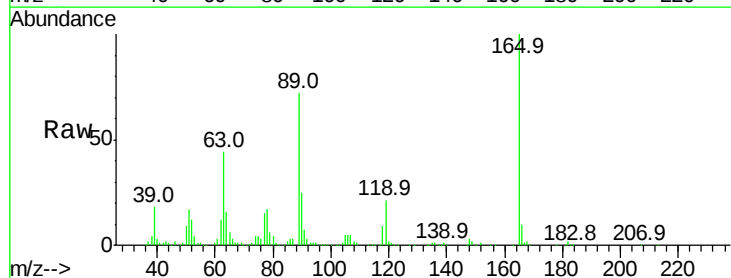
Instrument :
BNA_G
ClientSampleId :

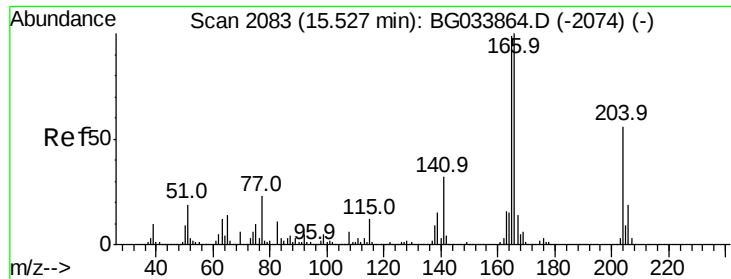
Tot Ion:139 Resp: 265712
Ion Ratio Lower Upper
139 100
109 76.3 62.2 102.2
65 102.3 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 51.134 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion:165 Resp: 223650
Ion Ratio Lower Upper
165 100
63 44.1 42.0 63.0
89 72.2 66.9 100.3
182 2.4 2.6 3.8#

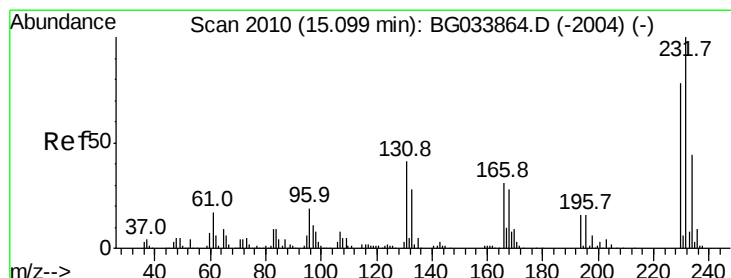
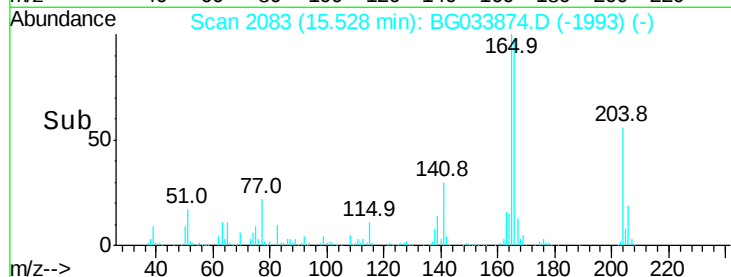
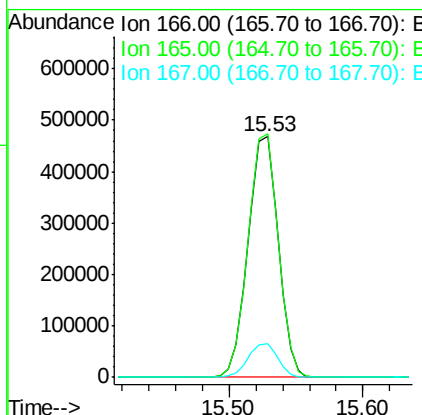
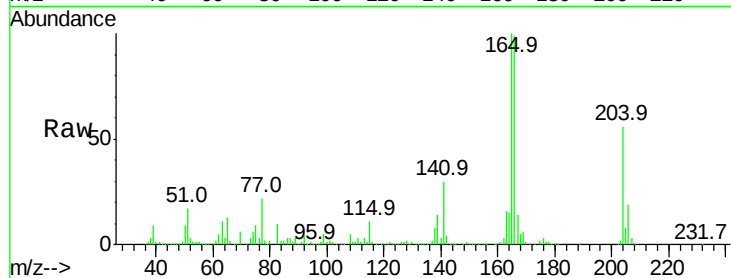




#57
 Fluorene
 Concen: 44.868 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

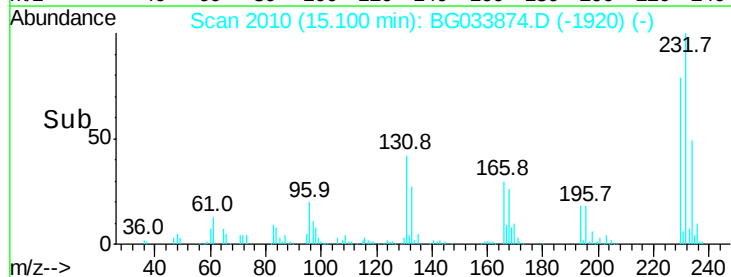
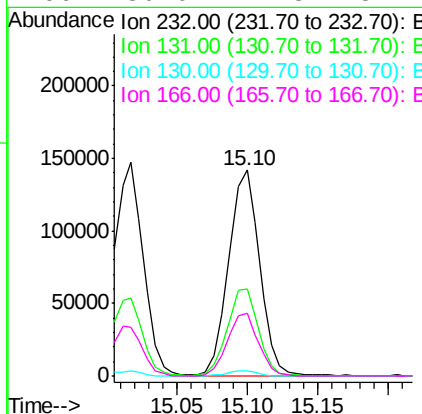
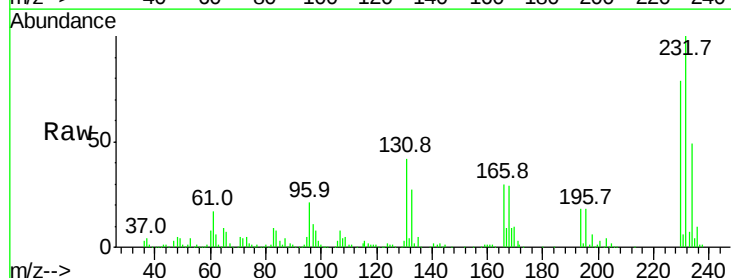
Instrument :
 BNA_G
 ClientSampleId :

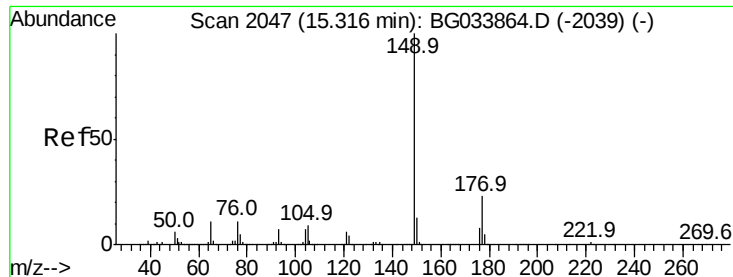
Tot Ion:166 Resp: 727930
 Ion Ratio Lower Upper
 166 100
 165 101.2 80.6 121.0
 167 14.0 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.853 ng
 RT: 15.10 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

Tgt Ion:232 Resp: 218035
 Ion Ratio Lower Upper
 232 100
 131 42.6 33.5 50.3
 130 2.6 2.2 3.2
 166 30.0 24.8 37.2

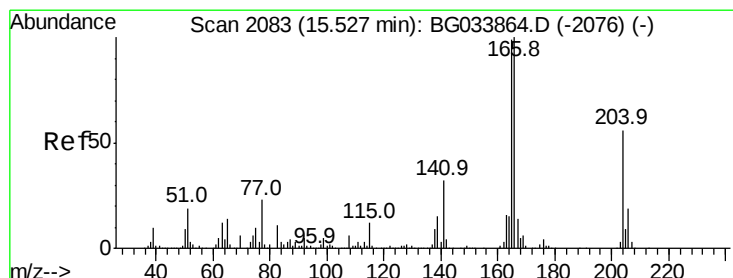
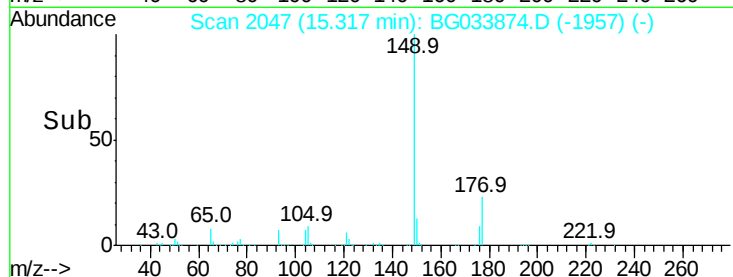
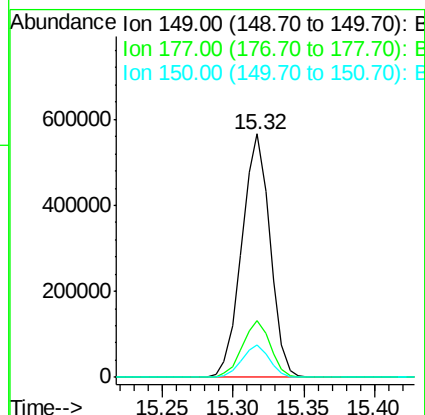
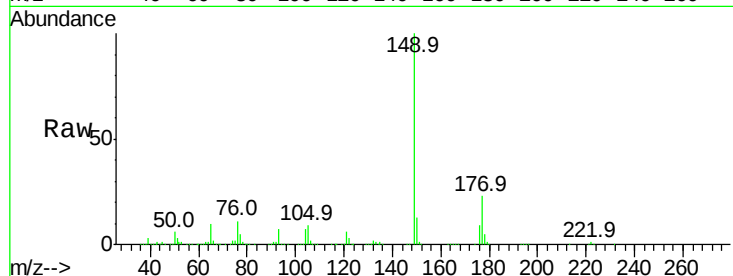




#59
Diethylphthalate
Concen: 43.124 ng
RT: 15.32 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

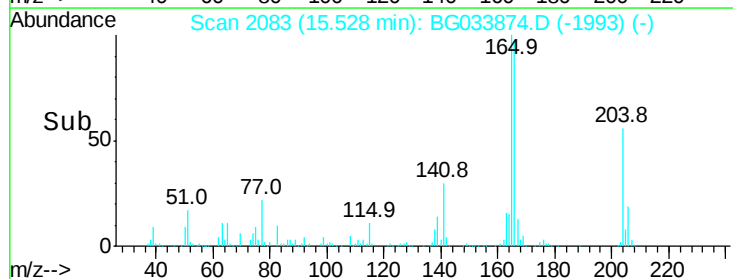
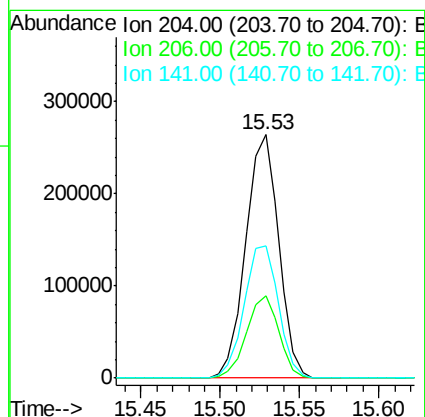
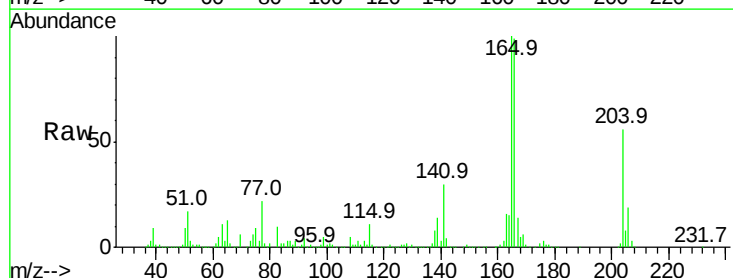
Instrument :
BNA_G
ClientSampleId :

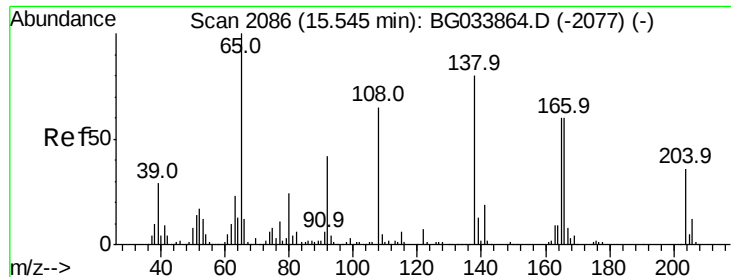
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.5	27.7
150	13.5	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.909 ng
RT: 15.53 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.2	39.2
141	54.2	45.8	68.6

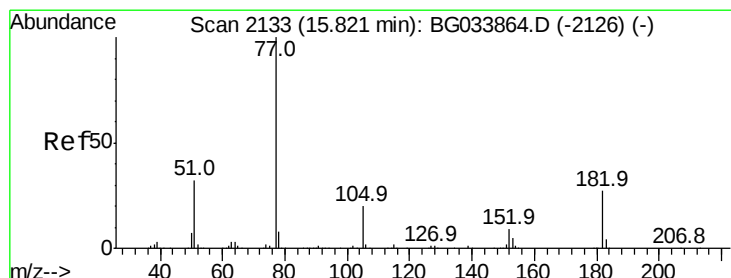
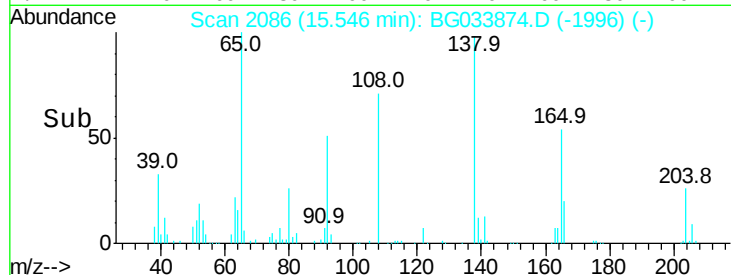
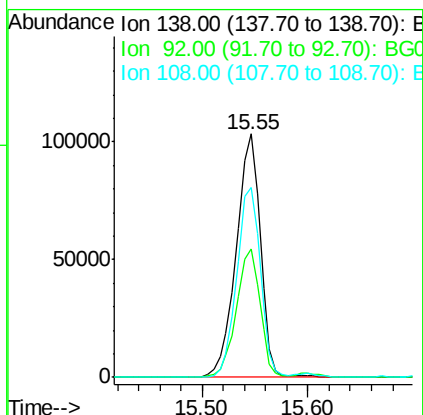
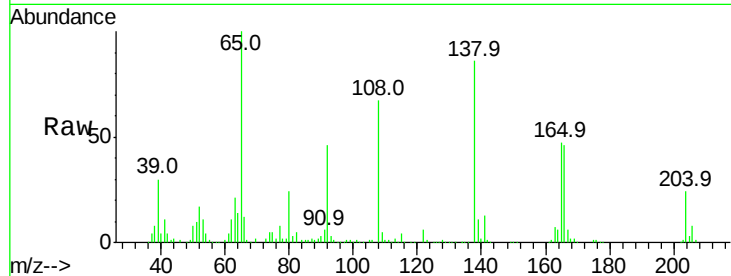




#61
4-Nitroaniline
Concen: 43.020 ng
RT: 15.55 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

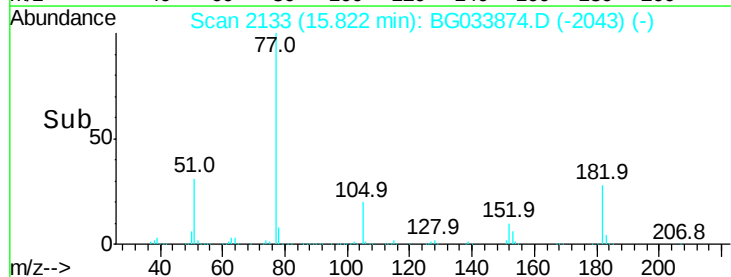
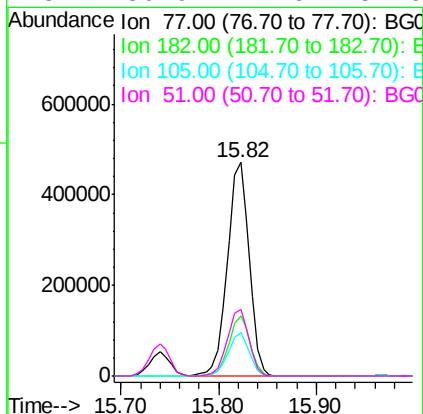
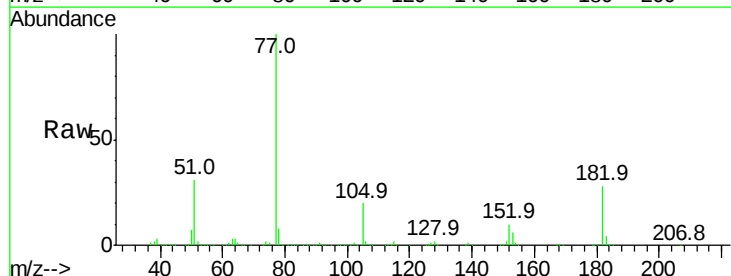
Instrument :
BNA_G
ClientSampleId :

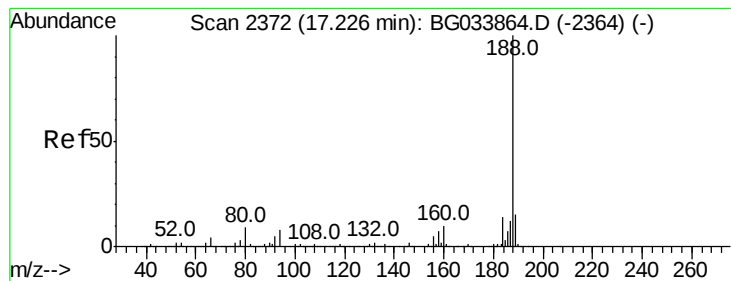
Tot Ion:138 Resp: 163134
Ion Ratio Lower Upper
138 100
92 52.9 40.1 80.1
108 77.9 65.4 105.4



#62
Azobenzene
Concen: 44.480 ng
RT: 15.82 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion: 77 Resp: 727396
Ion Ratio Lower Upper
77 100
182 28.0 7.4 47.4
105 20.4 0.3 40.3
51 30.9 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.23 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

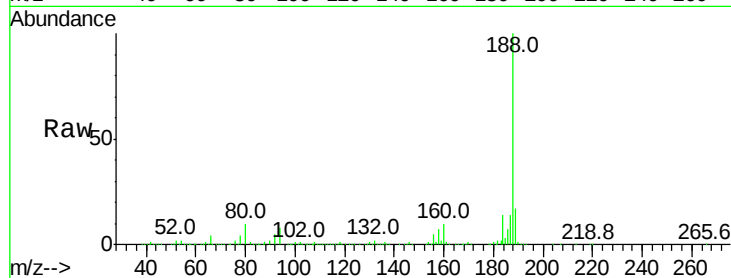
Tot Ion:188 Resp: 482485

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

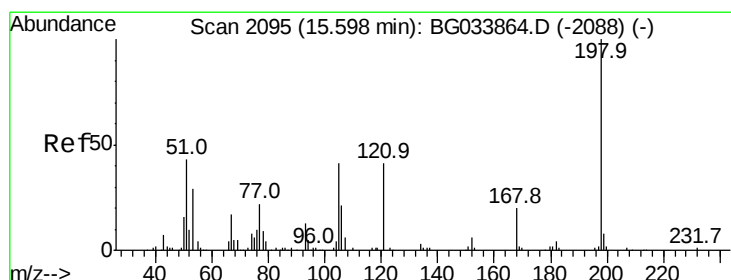
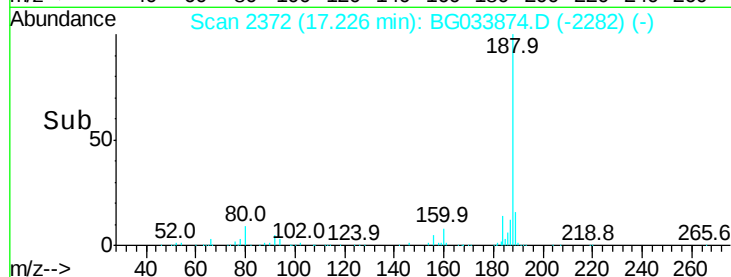
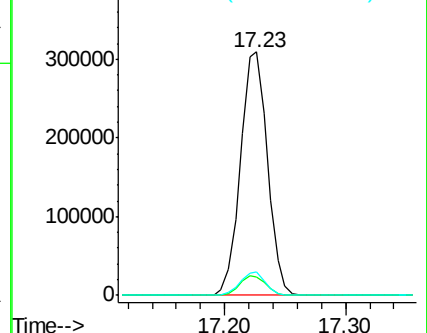
80 9.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 44.608 ng

RT: 15.60 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

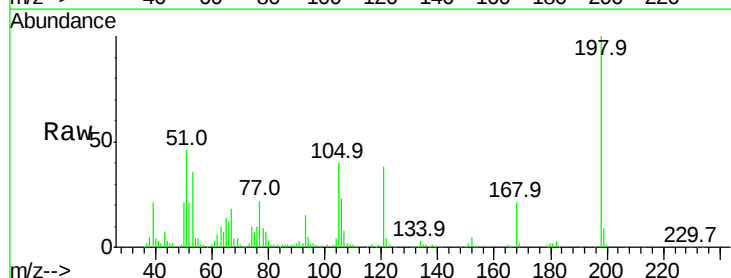
Tgt Ion:198 Resp: 102407

Ion Ratio Lower Upper

198 100

51 45.9 30.6 70.6

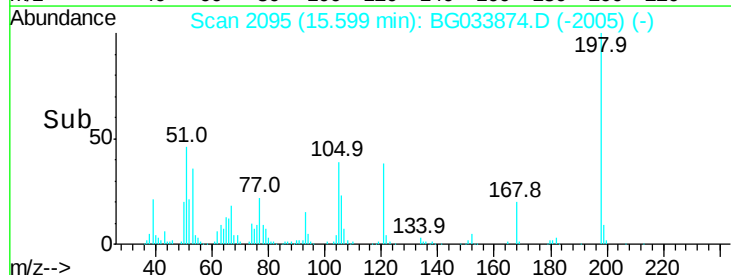
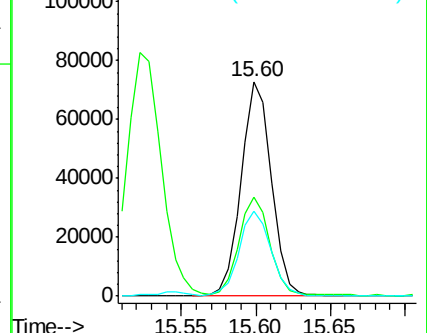
105 39.6 23.8 63.8

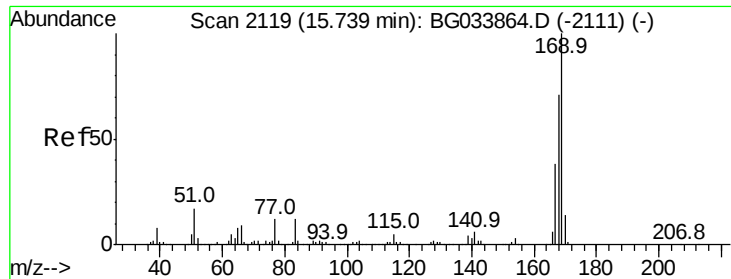


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.872 ng

RT: 15.74 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampled :

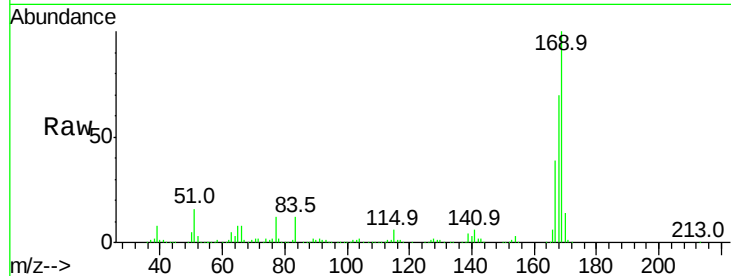
Tot Ion:169 Resp: 643456

Ion Ratio Lower Upper

169 100

168 70.2 55.7 83.5

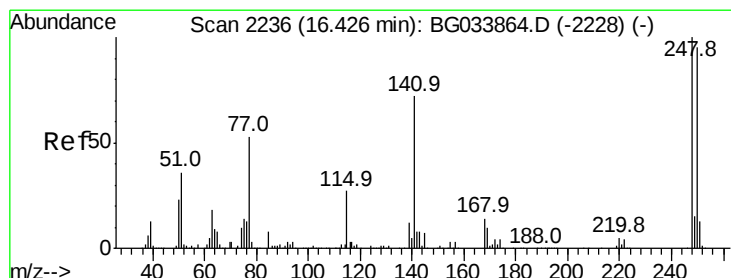
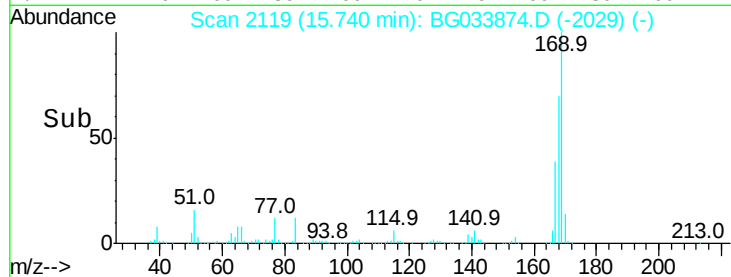
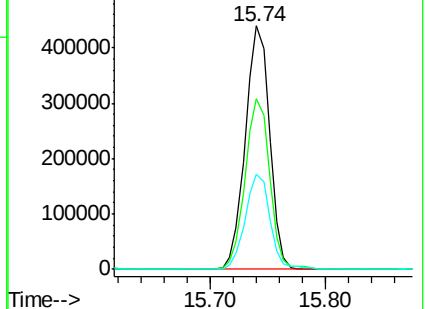
167 39.3 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.665 ng

RT: 16.42 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

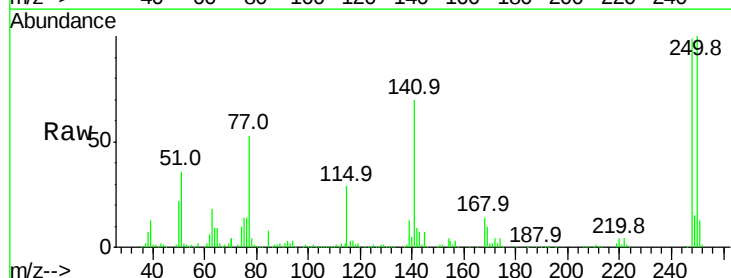
Tgt Ion:248 Resp: 241967

Ion Ratio Lower Upper

248 100

250 100.6 77.1 115.7

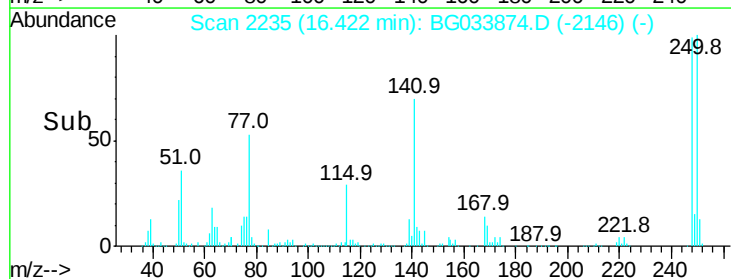
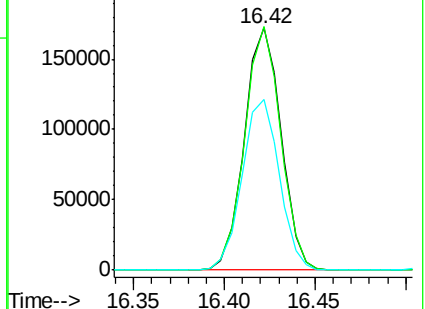
141 70.8 50.8 76.2

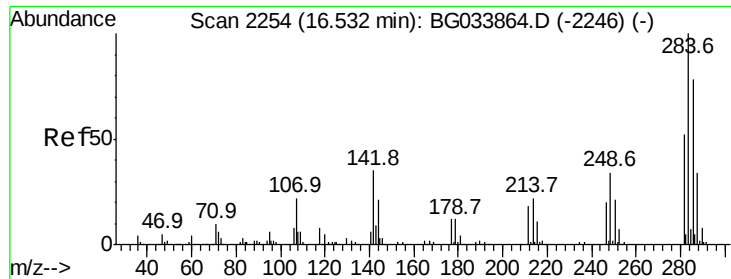


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

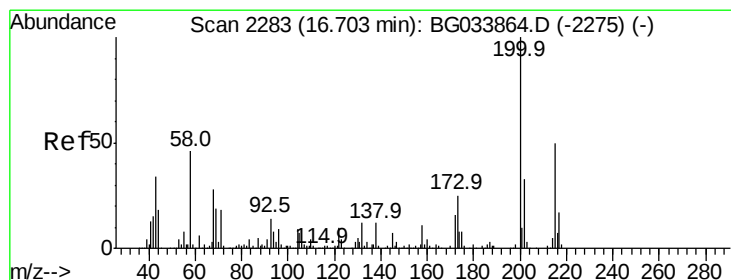
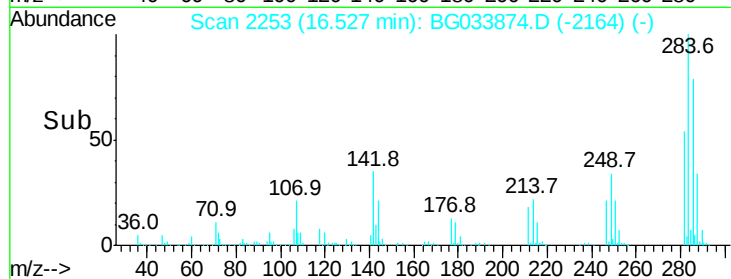
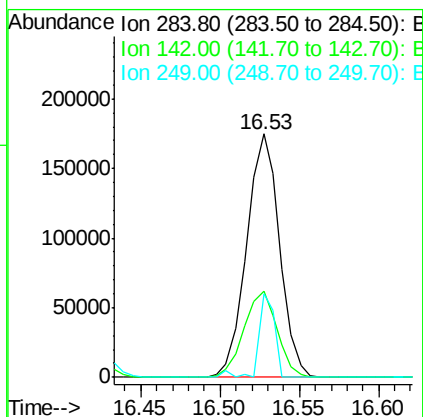
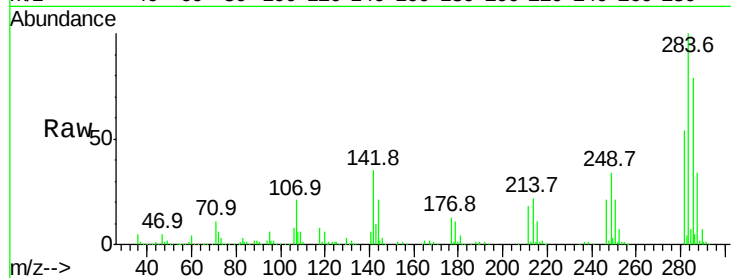




#67
Hexachlorobenzene
Concen: 44.531 ng
RT: 16.53 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

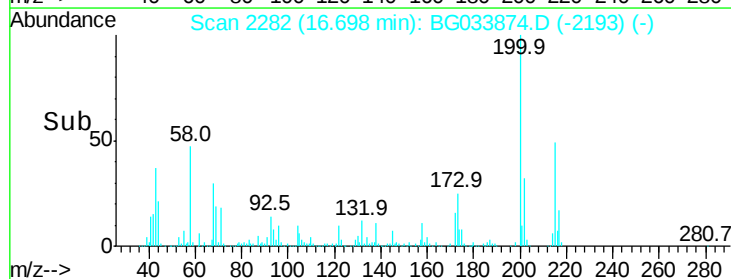
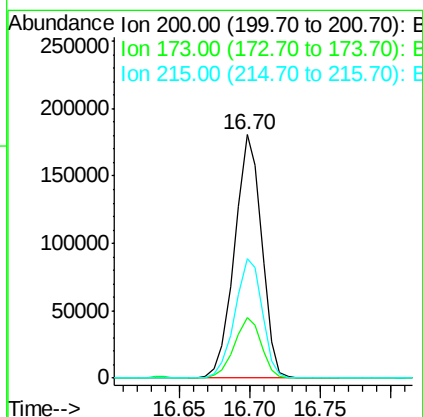
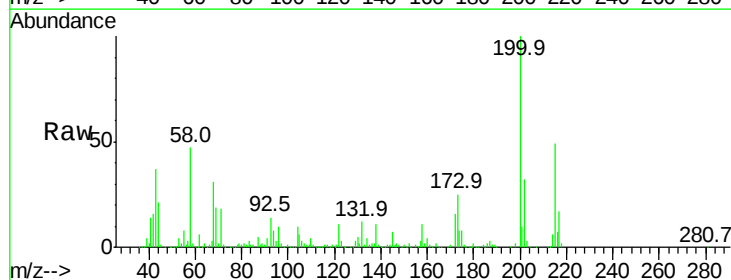
Instrument :
BNA_G
ClientSampleId :

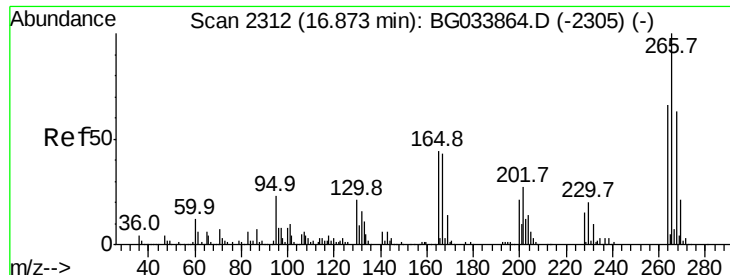
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.3	26.8	40.2
249	37.1	26.3	39.5



#68
Atrazine
Concen: 43.893 ng
RT: 16.70 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.8	5.2	45.2
215	49.1	30.4	70.4





#69

Pentachlorophenol

Concen: 84.252 ng

RT: 16.87 min Scan# 2312

Delta R.T. 0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

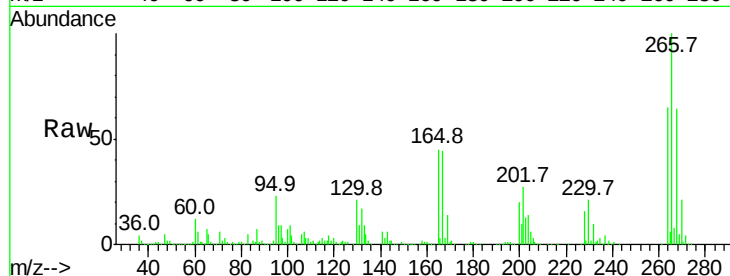
Tot Ion:266 Resp: 327024

Ion Ratio Lower Upper

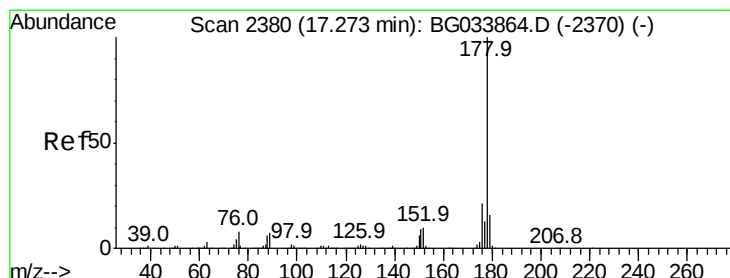
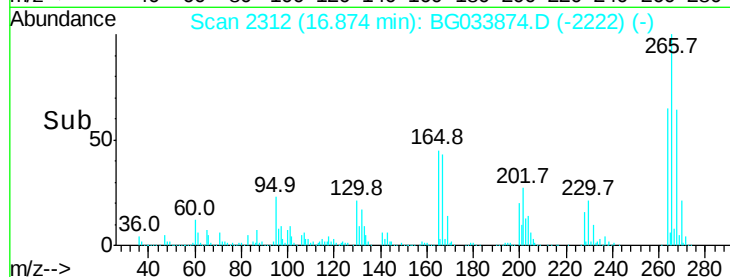
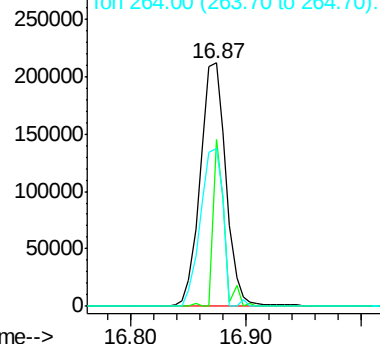
266 100

268 68.4 51.1 76.7

264 70.4 49.6 74.4



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



#70

Phenanthrene

Concen: 45.175 ng

RT: 17.27 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

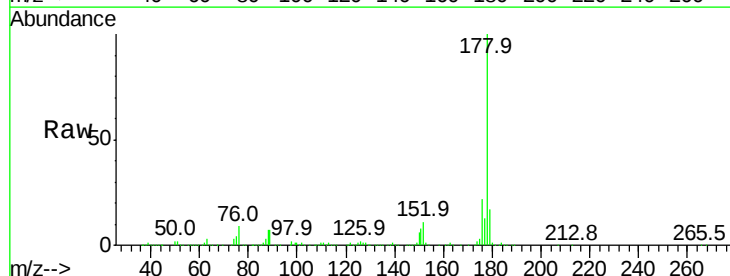
Tgt Ion:178 Resp: 1169289

Ion Ratio Lower Upper

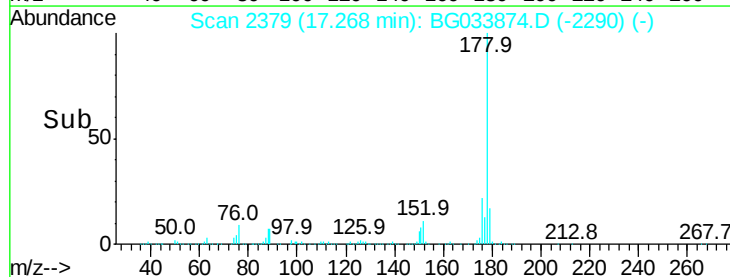
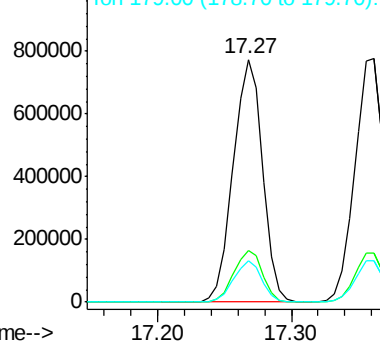
178 100

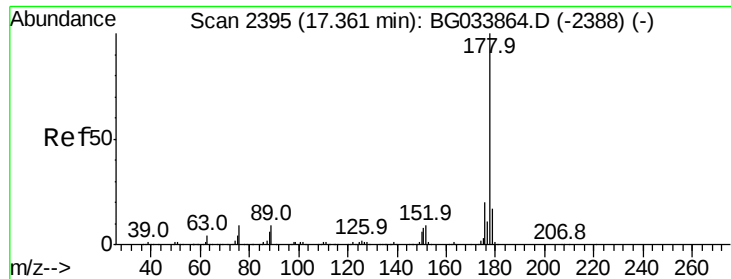
176 21.5 15.7 23.5

179 17.3 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

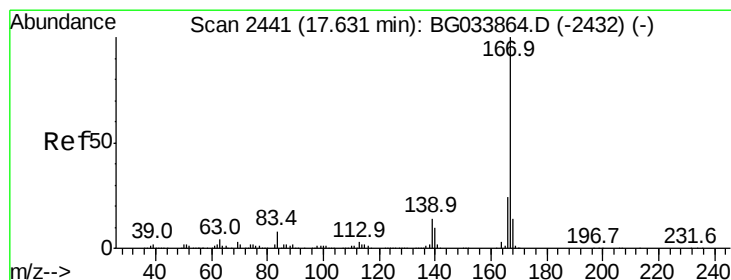
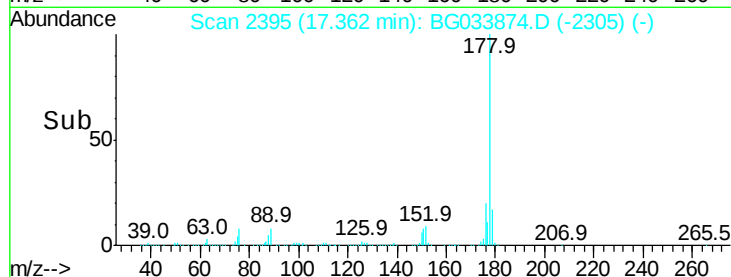
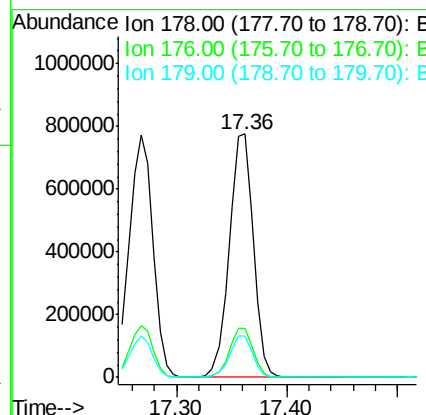
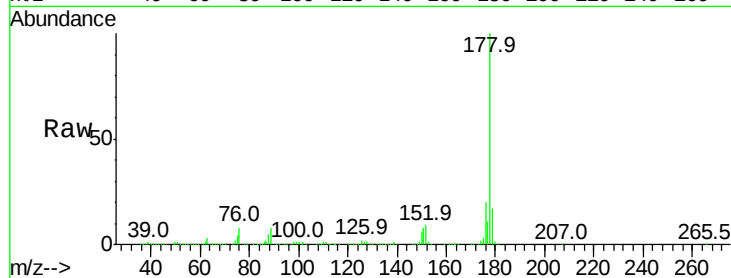




#71
 Anthracene
 Concen: 45.664 ng
 RT: 17.36 min Scan# 2395
 Delta R.T. 0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

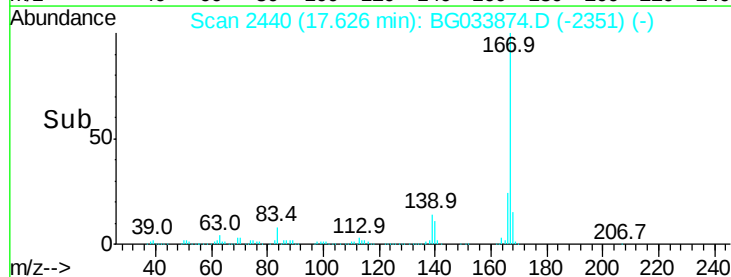
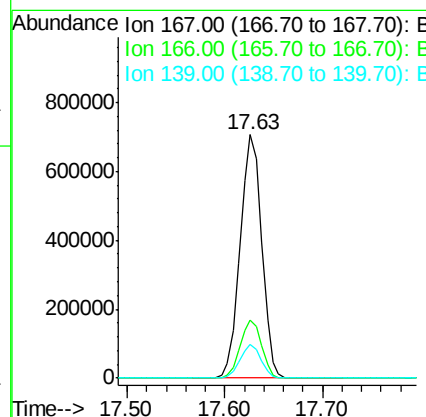
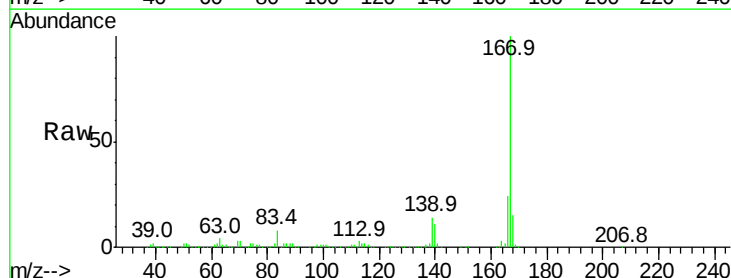
Instrument :
 BNA_G
 ClientSampled :

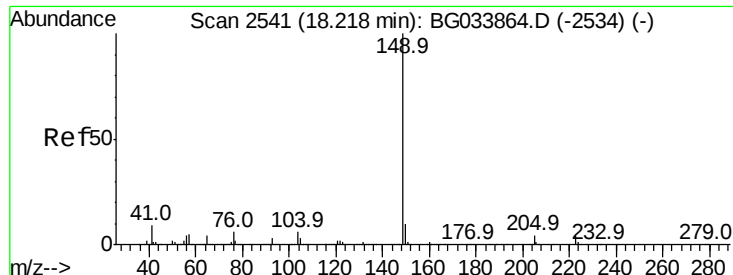
Tot Ion:178 Resp: 1182002
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.7 12.5 18.7



#72
 Carbazole
 Concen: 43.460 ng
 RT: 17.63 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

Tgt Ion:167 Resp: 1085280
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.2 27.4
 139 13.9 9.4 14.2

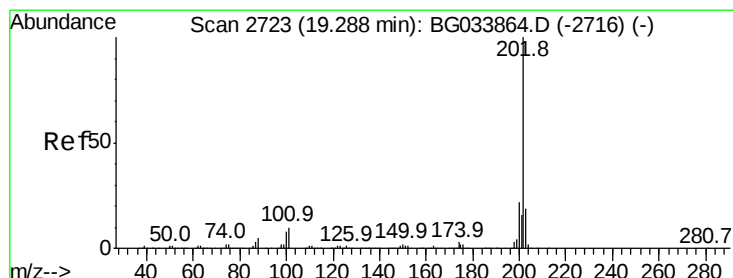
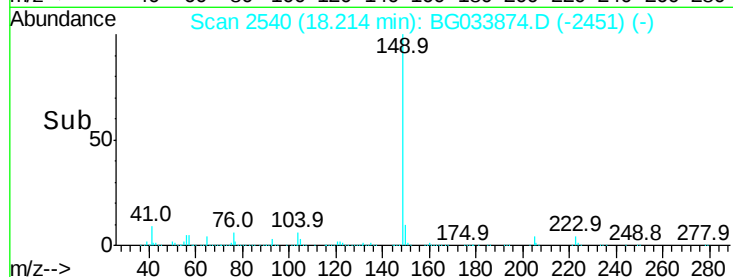
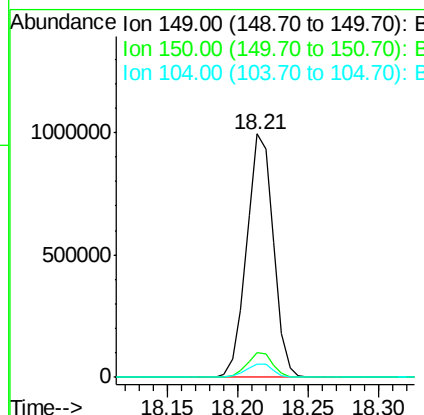
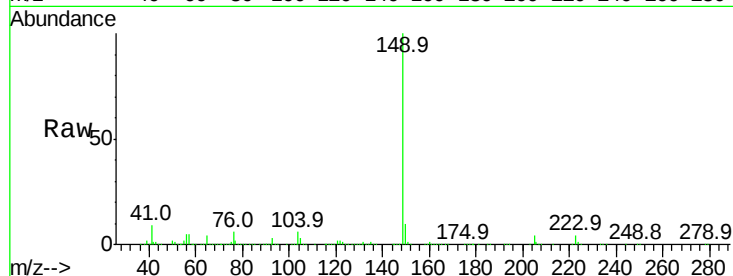




#73
Di-n-butylphthalate
Concen: 42.353 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

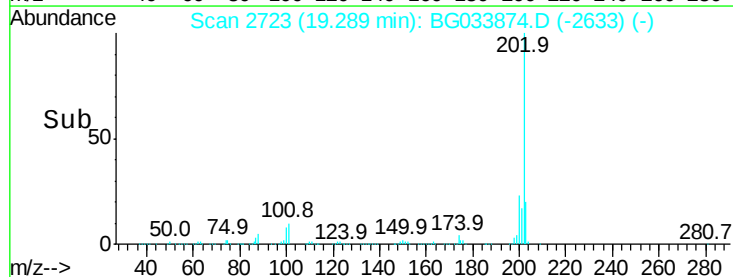
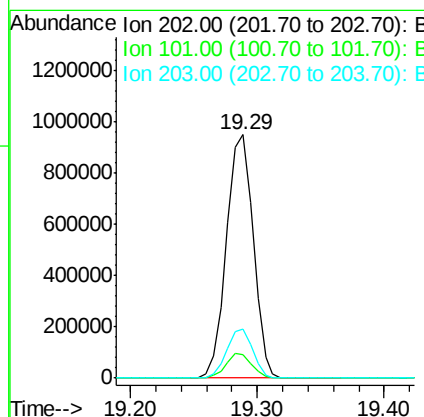
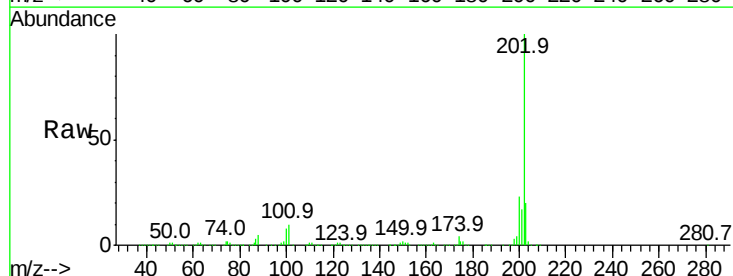
Instrument :
BNA_G
ClientSampled :

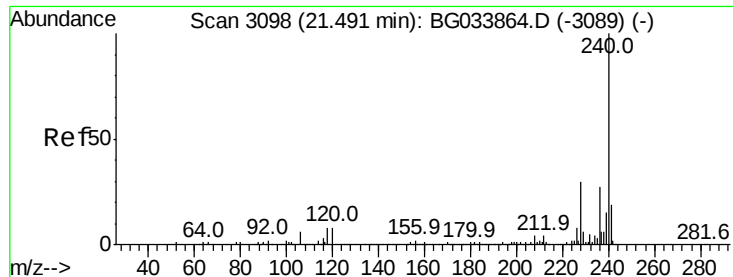
Tot Ion:149 Resp: 1315736
Ion Ratio Lower Upper
149 100
150 10.2 7.8 11.6
104 5.7 3.9 5.9



#74
Fluoranthene
Concen: 44.368 ng
RT: 19.29 min Scan# 2723
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion:202 Resp: 1389167
Ion Ratio Lower Upper
202 100
101 9.7 0.0 28.9
203 20.0 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.49 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

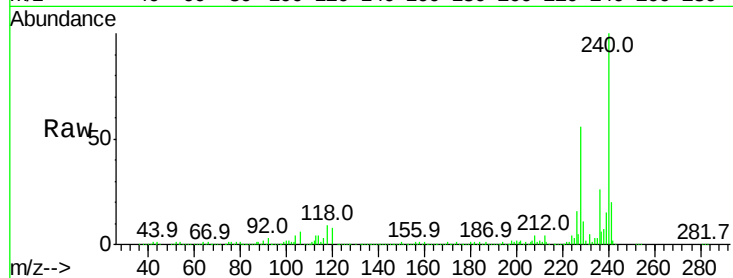
Tot Ion:240 Resp: 481100

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

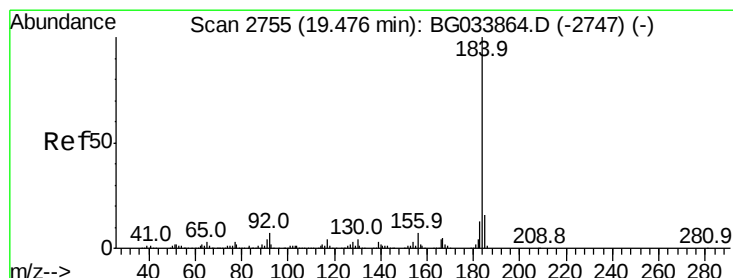
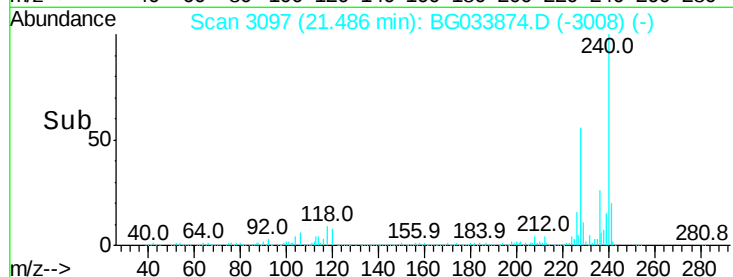
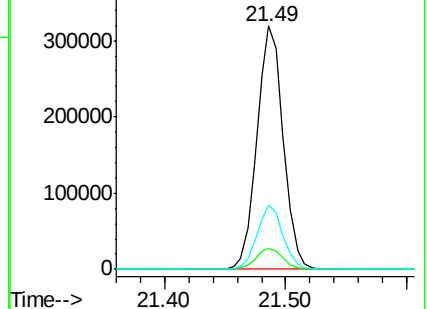
236 26.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.850 ng

RT: 19.86 min Scan# 2821

Delta R.T. 0.39 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

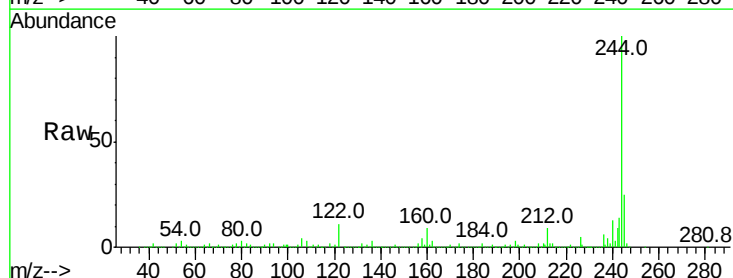
Tgt Ion:184 Resp: 37021

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

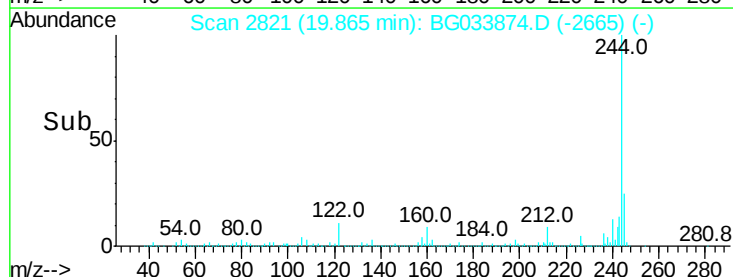
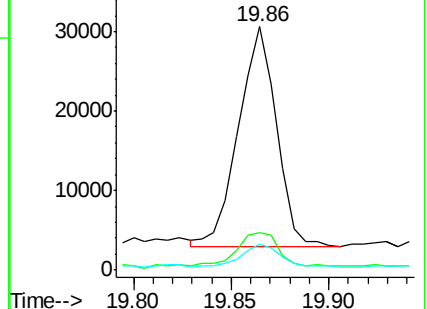
183 10.9 10.6 16.0

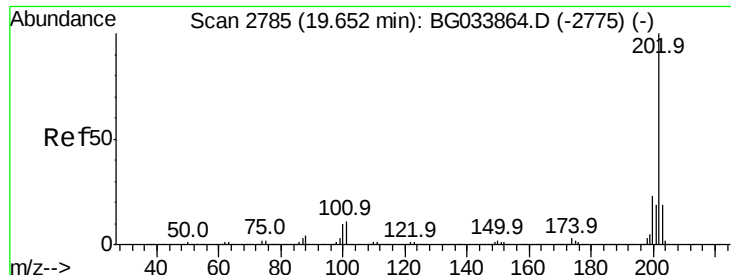


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



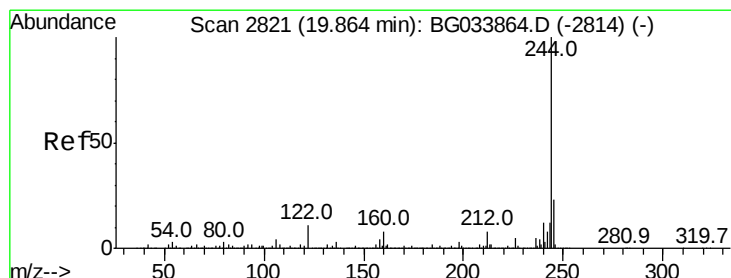
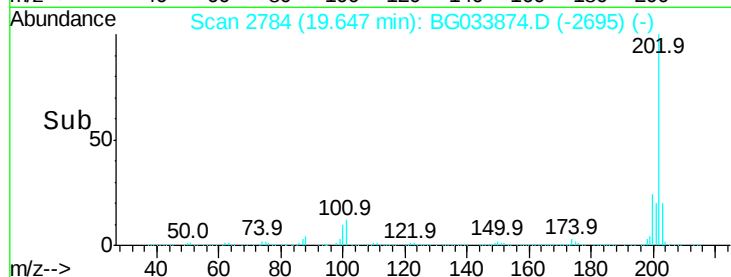
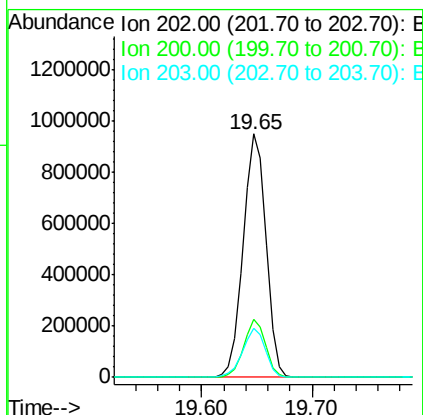
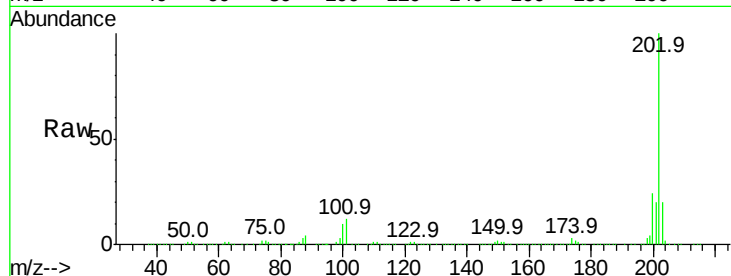


#77
Pvrene
Concen: 43.863 ng
RT: 19.65 min Scan# 2784
Delta R.T. -0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:202 Resp: 1384117

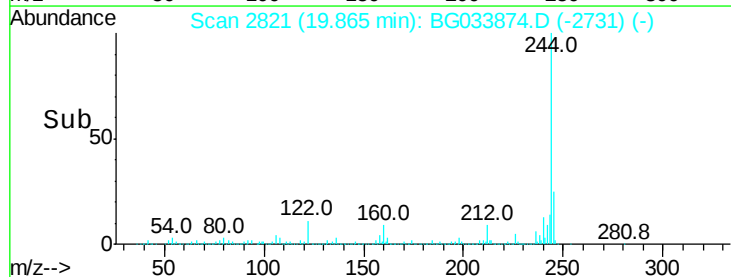
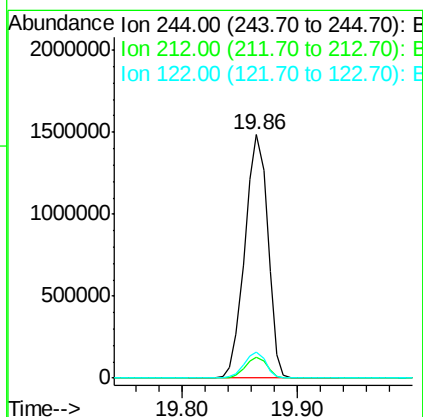
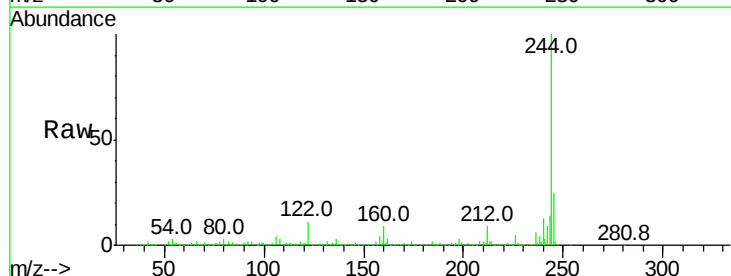
Ion	Ratio	Lower	Upper
202	100		
200	23.8	16.9	25.3
203	20.2	13.9	20.9

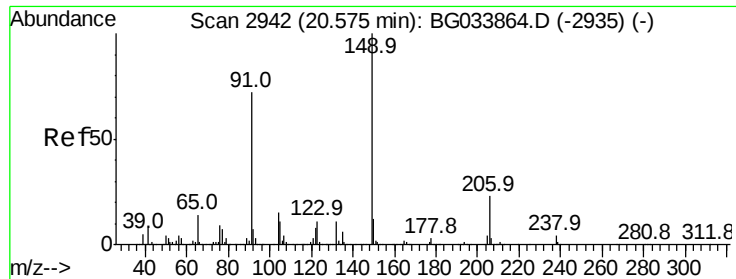


#78
Terphenyl-d14
Concen: 96.036 ng
RT: 19.86 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion:244 Resp: 2056558

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	10.8	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 45.213 ng

RT: 20.57 min Scan# 2941

Delta R.T. -0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

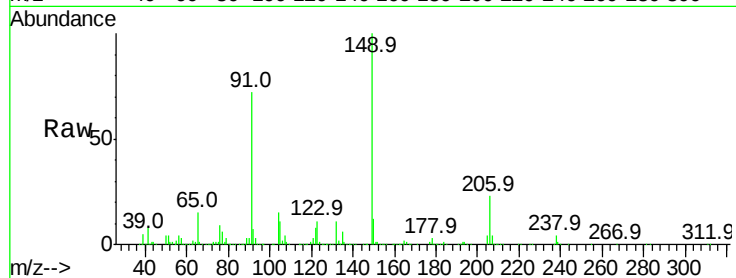
Tot Ion:149 Resp: 626543

Ion Ratio Lower Upper

149 100

91 72.2 62.2 93.2

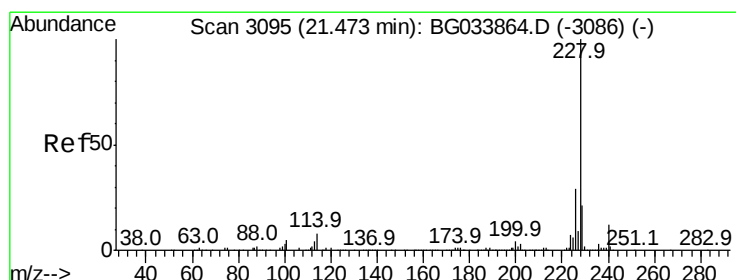
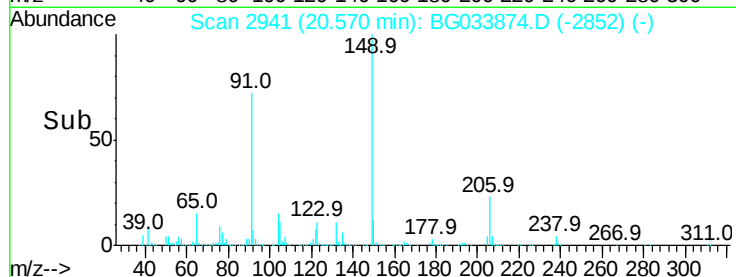
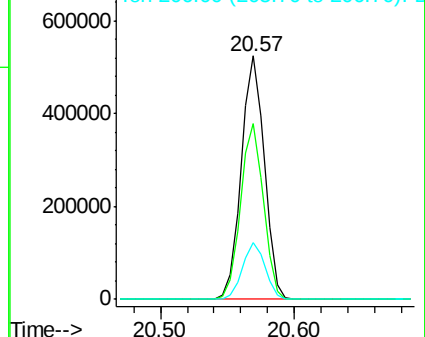
206 23.4 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.014 ng

RT: 21.47 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

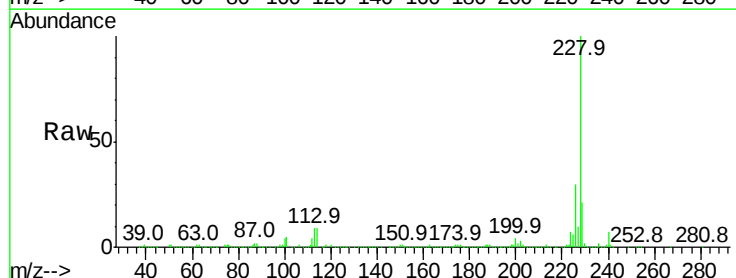
Tgt Ion:228 Resp: 1365590

Ion Ratio Lower Upper

228 100

226 30.2 22.7 34.1

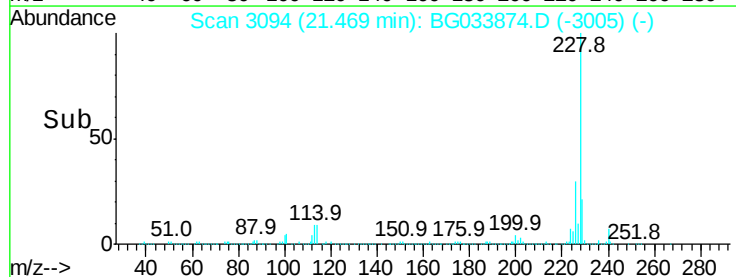
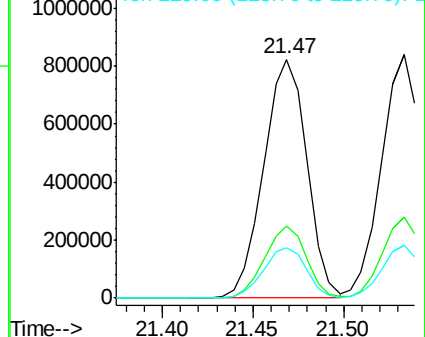
229 21.3 16.2 24.2

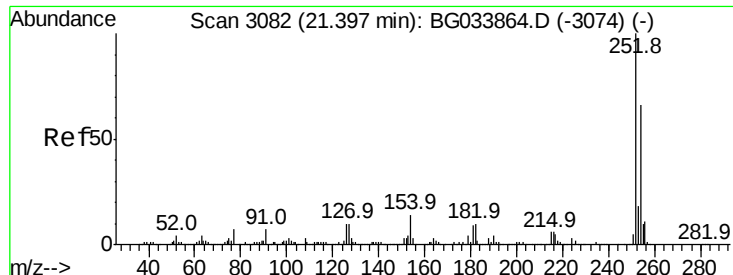


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

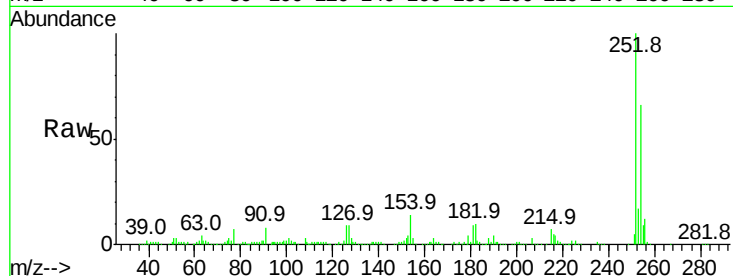




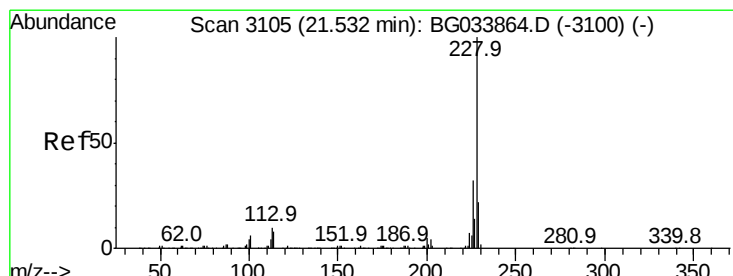
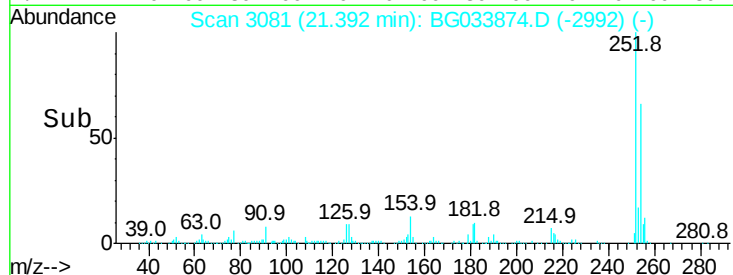
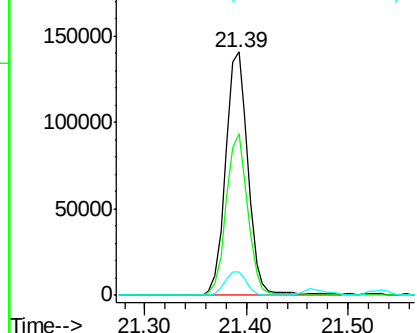
#81
 3,3'-Dichlorobenzidine
 Concen: 19.062 ng
 RT: 21.39 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 215618
 Ion Ratio Lower Upper
 252 100
 254 66.4 50.8 76.2
 126 9.5 7.4 11.2

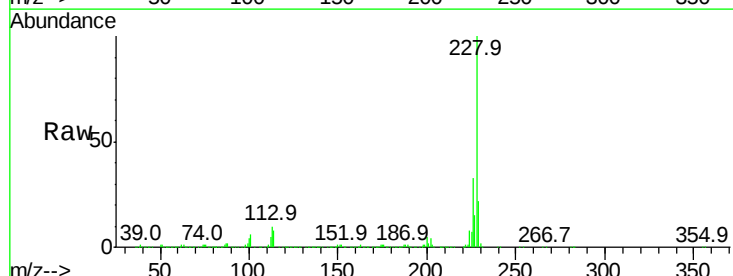


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

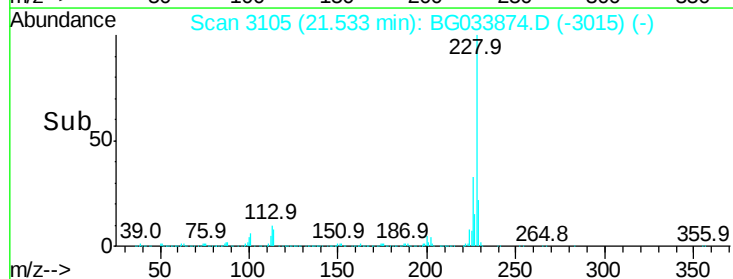
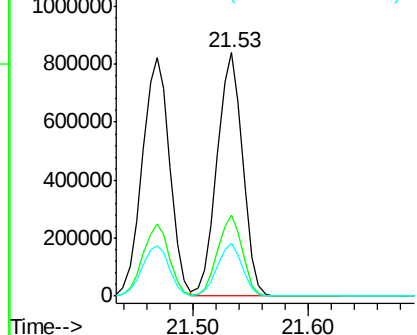


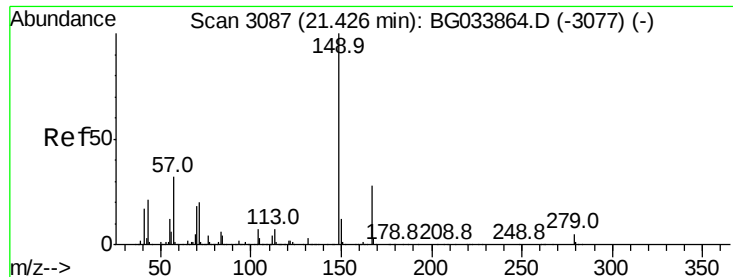
#82
 Chrysene
 Concen: 44.385 ng
 RT: 21.53 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

Tgt Ion:228 Resp: 1285812
 Ion Ratio Lower Upper
 228 100
 226 33.2 24.9 37.3
 229 21.9 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

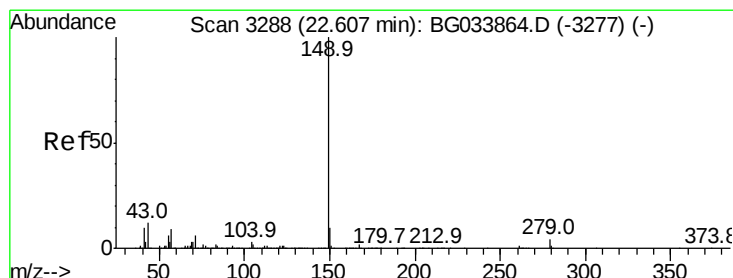
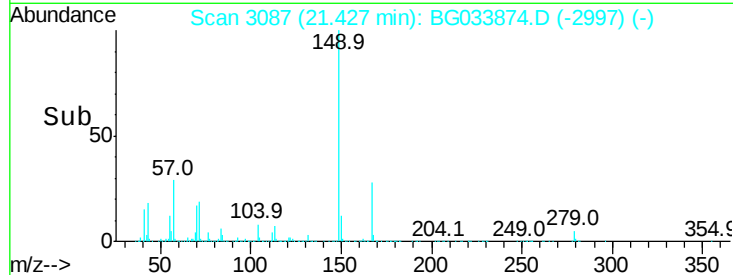
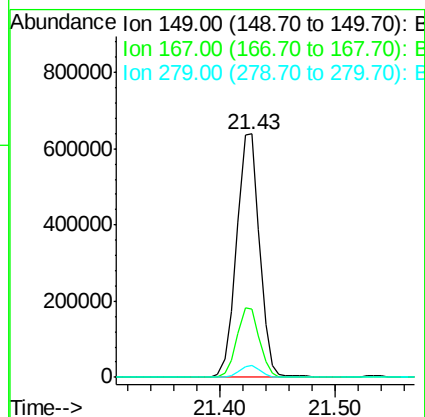
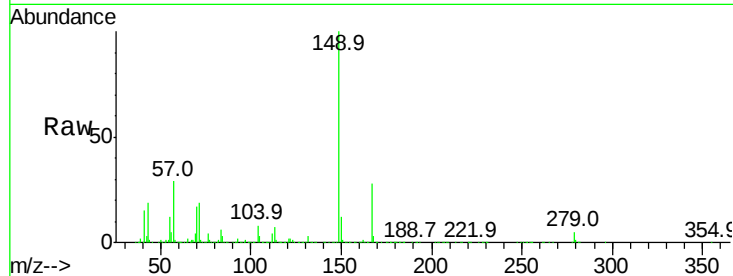




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.036 ng
 RT: 21.43 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

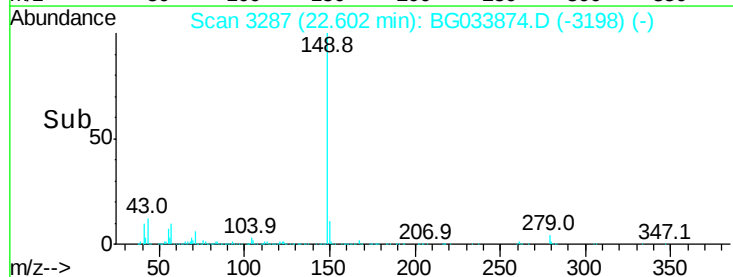
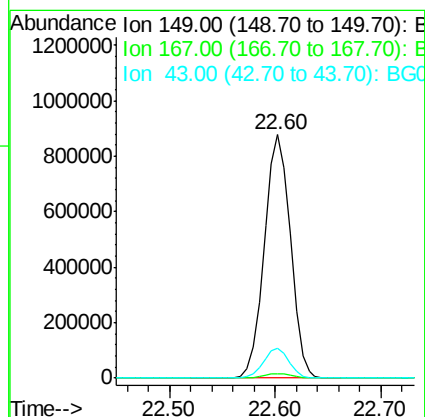
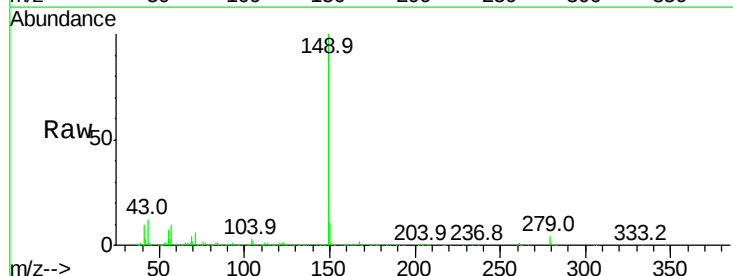
Instrument :
 BNA_G
 ClientSampleId :

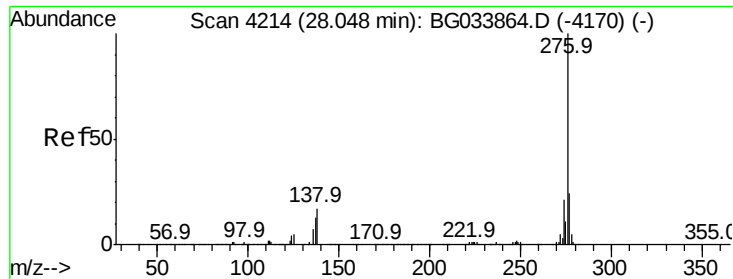
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.1	24.3	36.5
279	5.0	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 48.451 ng
 RT: 22.60 min Scan# 3287
 Delta R.T. -0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.7	8.9	13.3

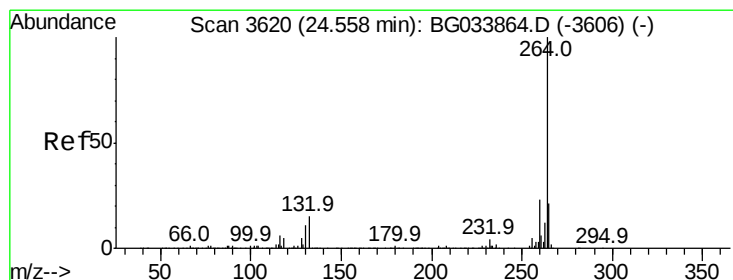
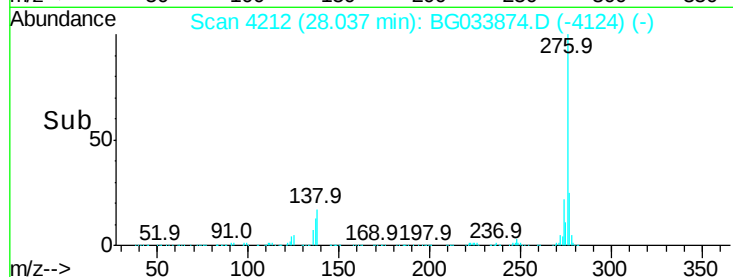
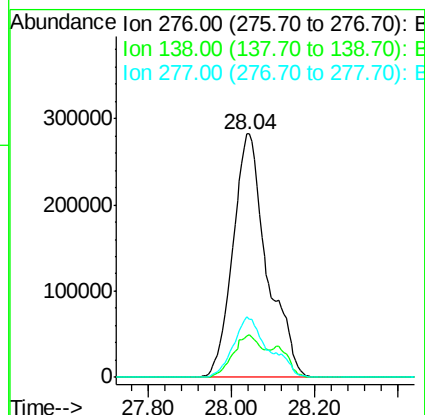
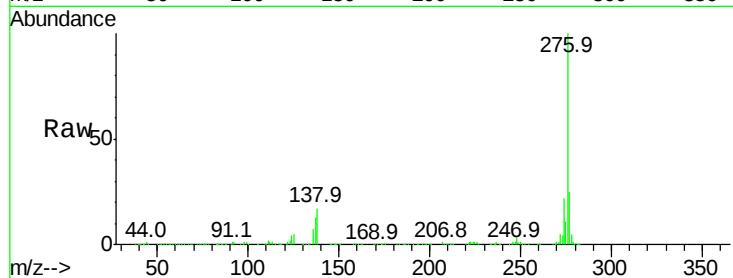




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.349 ng
 RT: 28.04 min Scan# 4212
 Delta R.T. -0.01 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

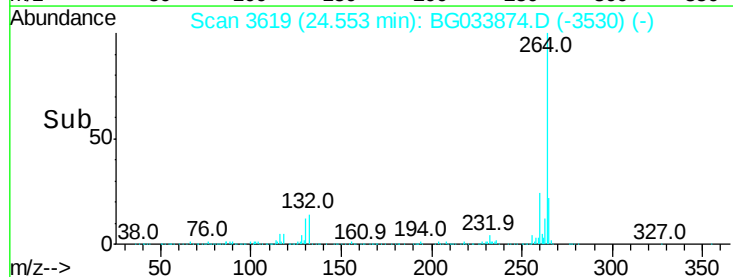
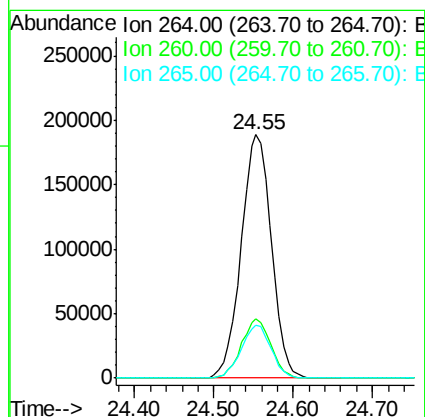
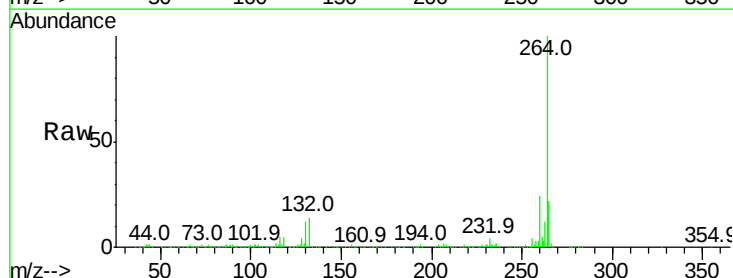
Instrument :
 BNA_G
 ClientSampleId :

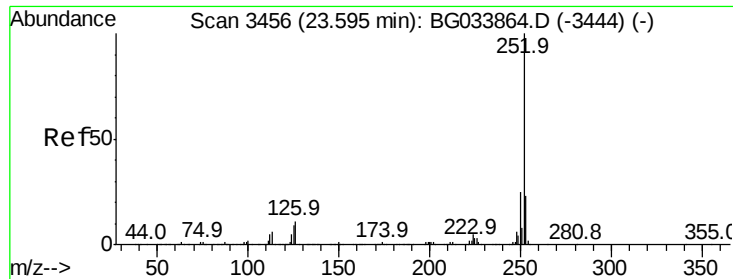
Tot Ion:276 Resp: 1594379
 Ion Ratio Lower Upper
 276 100
 138 15.4 16.0 24.0#
 277 25.8 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.55 min Scan# 3619
 Delta R.T. -0.00 min
 Lab File: BG033874.D
 Acq: 19 Apr 2018 18:27

Tgt Ion:264 Resp: 498499
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.4 26.0
 265 21.5 17.7 26.5

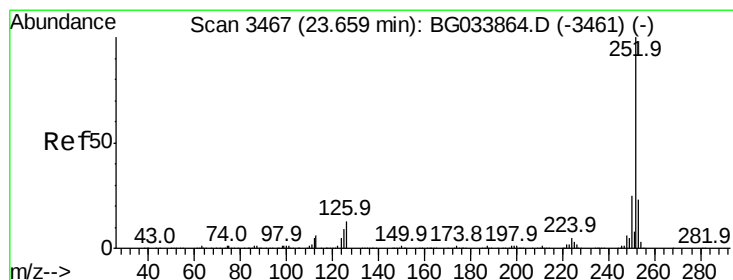
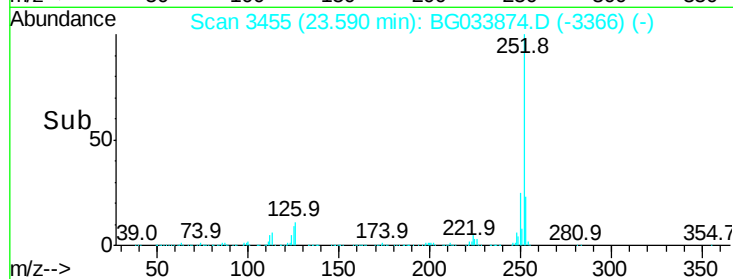
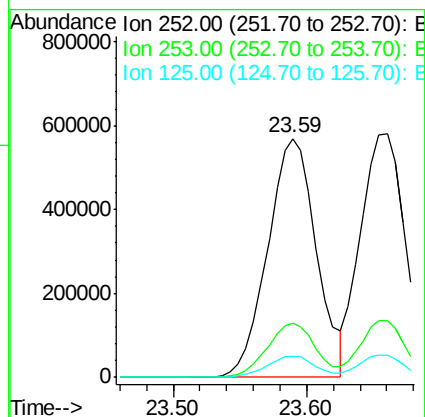
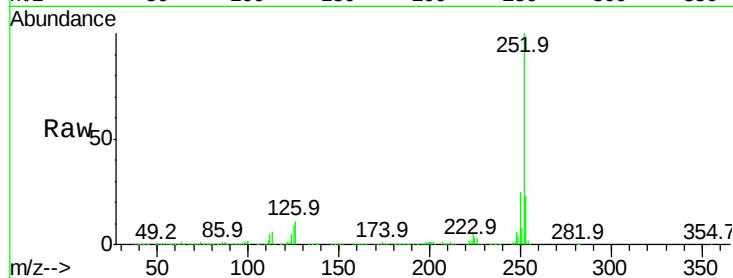




#87
Benzo(b)fluoranthene
Concen: 47.210 ng
RT: 23.59 min Scan# 3455
Delta R.T. -0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

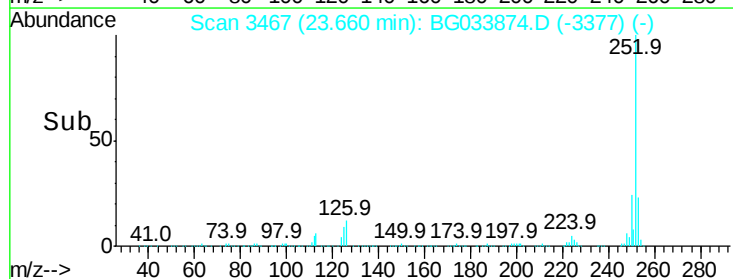
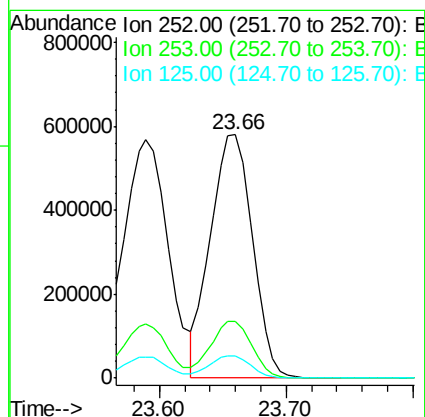
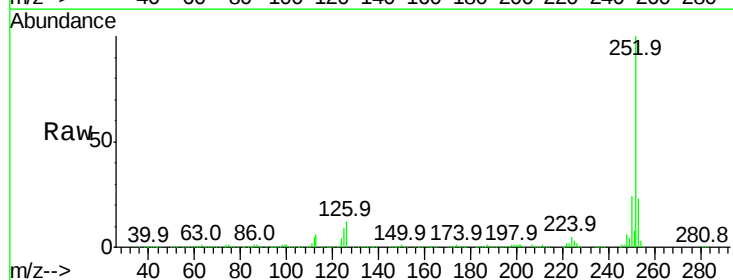
Instrument :
BNA_G
ClientSampleId :

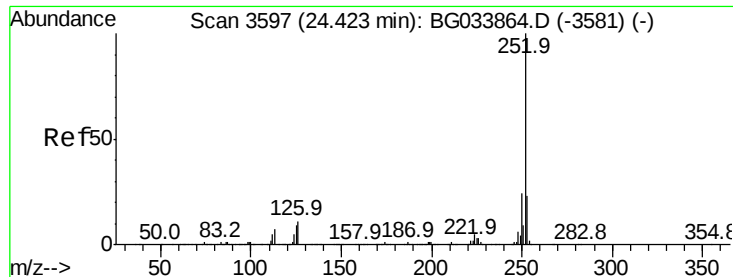
Tot Ion:252 Resp: 1435713
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 9.0 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 44.126 ng
RT: 23.66 min Scan# 3467
Delta R.T. 0.00 min
Lab File: BG033874.D
Acq: 19 Apr 2018 18:27

Tgt Ion:252 Resp: 1332977
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 9.2 6.6 9.8





#89

Benzo(a)pyrene

Concen: 46.793 ng

RT: 24.41 min Scan# 3595

Delta R.T. -0.01 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

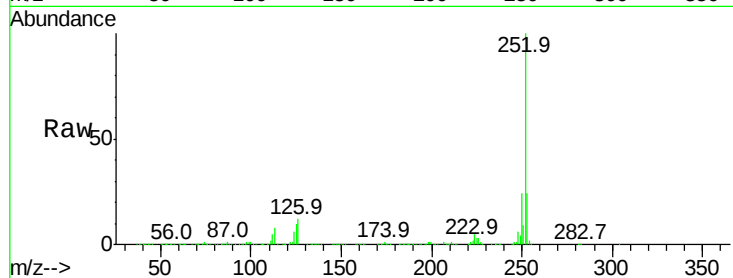
Tot Ion:252 Resp: 1362865

Ion Ratio Lower Upper

252 100

253 23.6 18.3 27.5

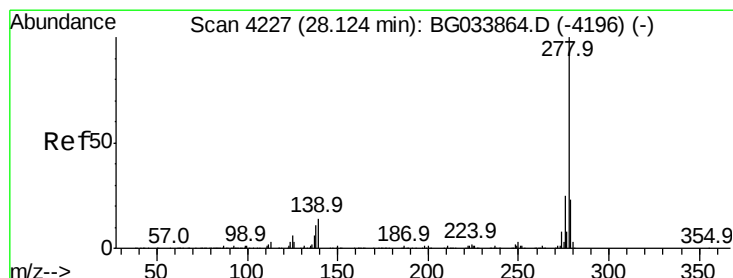
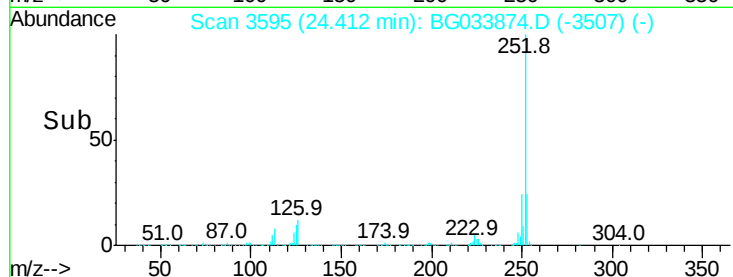
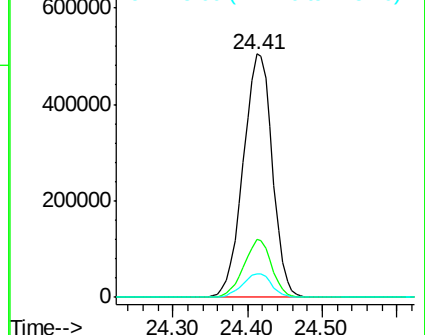
125 9.7 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.799 ng

RT: 28.11 min Scan# 4225

Delta R.T. -0.01 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

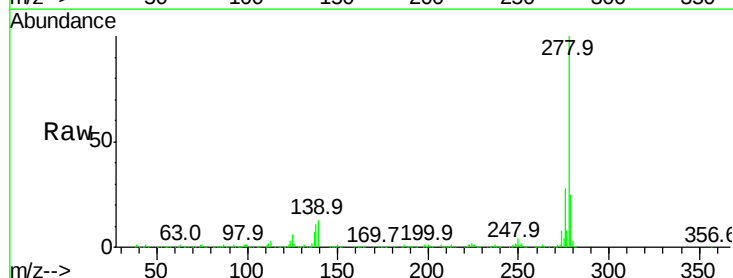
Tgt Ion:278 Resp: 1318900

Ion Ratio Lower Upper

278 100

139 13.4 9.8 14.6

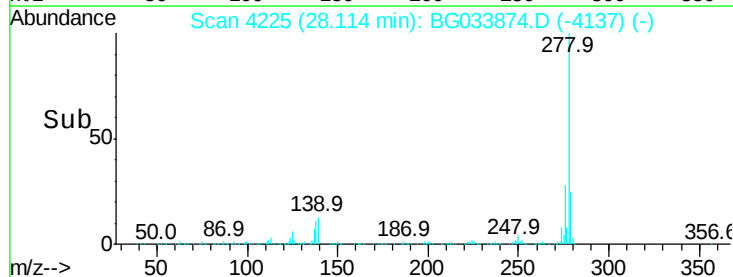
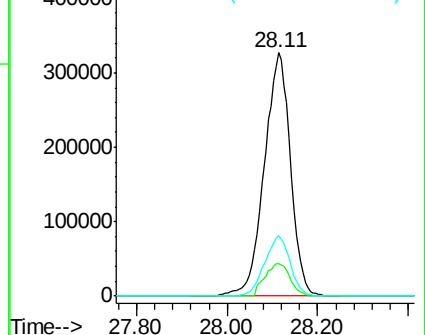
279 24.8 18.4 27.6

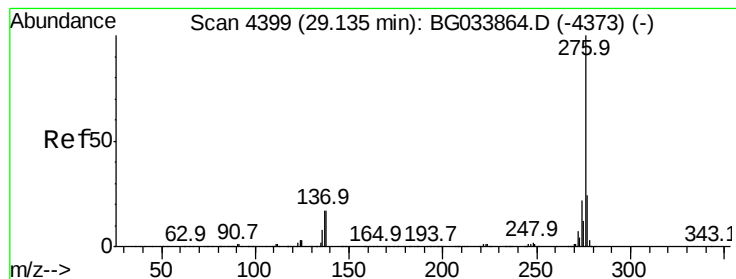


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.342 ng

RT: 29.13 min Scan# 4398

Delta R.T. -0.00 min

Lab File: BG033874.D

Acq: 19 Apr 2018 18:27

Instrument :

BNA_G

ClientSampleId :

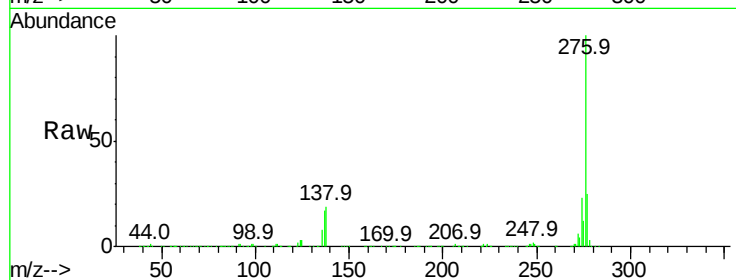
Tot Ion:276 Resp: 1312822

Ion Ratio Lower Upper

276 100

277 24.5 18.3 27.5

138 18.8 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

