

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033919.D
 Acq On : 23 Apr 2018 14:00
 Operator : SJ/JU
 Sample : J2490-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 03:17:52 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	7.83	152	69879	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	318509	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	217395	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	554644	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	549285	20.00	ng	-0.02
86) Perylene-d12	24.53	264	576270	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	547488	125.09	ng	0.00
7) Phenol-d6	7.00	99	750681	117.59	ng	0.00
23) Nitrobenzene-d5	8.98	82	462947	82.72	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	344687	135.90	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1053175	71.17	ng	-0.01
78) Terphenyl-d14	19.85	244	1691776	69.19	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	56916	30.774	ng	91
3) Pyridine	3.79	79	168475	31.484	ng	99
4) n-Nitrosodimethylamine	3.72	42	91047	37.346	ng	# 90
6) Aniline	7.16	93	190402	22.312	ng	99
8) 2-Chlorophenol	7.40	128	189156	38.569	ng	96
9) Benzaldehyde	6.98	77	101388	27.442	ng	94
10) Phenol	7.03	94	268083	40.991	ng	97
11) bis(2-Chloroethyl)ether	7.26	93	176993	35.385	ng	96
12) 1,3-Dichlorobenzene	7.72	146	192484	34.094	ng	97
13) 1,4-Dichlorobenzene	7.87	146	197075	34.464	ng	97
14) 1,2-Dichlorobenzene	8.18	146	190338	34.228	ng	98
15) Benzyl Alcohol	8.07	79	192941	34.659	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.36	45	312254	32.007	ng	98
17) 2-Methylphenol	8.27	107	172174	35.526	ng	98
18) Hexachloroethane	8.90	117	71715	34.321	ng	96
19) n-Nitroso-di-n-propylamine	8.64	70	167991	30.871	ng	97
20) 3+4-Methylphenols	8.59	107	244241	34.683	ng	93
22) Acetophenone	8.65	105	295292	34.063	ng	# 96
24) Nitrobenzene	9.02	77	229866	37.690	ng	95
25) Isophorone	9.55	82	445543	35.408	ng	# 95
26) 2-Nitrophenol	9.73	139	112108	46.522	ng	98
27) 2,4-Dimethylphenol	9.79	122	192003	42.598	ng	94
28) bis(2-Chloroethoxy)methane	10.03	93	258142	38.817	ng	96
29) 2,4-Dichlorophenol	10.26	162	215045	42.798	ng	93
30) 1,2,4-Trichlorobenzene	10.48	180	199539	35.456	ng	99
31) Naphthalene	10.66	128	580861	35.464	ng	98
32) Benzoic acid	9.85	122	17818	8.630	ng	# 78
33) 4-Chloroaniline	10.77	127	174287	22.639	ng	98
34) Hexachlorobutadiene	10.96	225	113846	33.816	ng	98
35) Caprolactam	11.54	113	51809	24.252	ng	# 88
36) 4-Chloro-3-methylphenol	11.90	107	242742	39.582	ng	# 90
37) 2-Methylnaphthalene	12.28	142	448652	35.777	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	257496	35.670	ng	97
40) Hexachlorocyclopentadiene	12.63	237	272738	68.713	ng	93

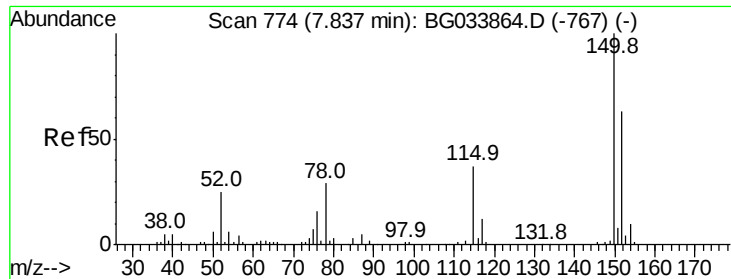
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033919.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	188309	42.784	nq	98
43) 2,4,5-Trichlorophenol	12.95	196	212706	42.037	nq	98
45) 1,1'-Biphenyl	13.29	154	607986	34.549	nq	97
46) 2-Chloronaphthalene	13.34	162	467169	35.011	nq	99
47) 2-Nitroaniline	13.54	65	174833	41.964	nq	92
48) Acenaphthylene	14.18	152	762895	34.395	nq	97
49) Dimethylphthalate	13.93	163	751811	39.314	nq	99
50) 2,6-Dinitrotoluene	14.04	165	152113	41.974	nq	85
51) Acenaphthene	14.53	154	472552	33.915	nq	99
52) 3-Nitroaniline	14.36	138	109238	27.760	nq	# 86
53) 2,4-Dinitrophenol	14.57	184	95660	73.809	nq	# 57
54) Dibenzofuran	14.86	168	756554	36.624	nq	96
55) 4-Nitrophenol	14.68	139	285006	92.346	nq	88
56) 2,4-Dinitrotoluene	14.83	165	218341	45.307	nq	# 83
57) Fluorene	15.52	166	633965	35.465	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	209988	45.325	nq	99
59) Diethylphthalate	15.30	149	699430	34.603	nq	98
60) 4-Chlorophenyl-phenylether	15.52	204	337049	36.049	nq	97
61) 4-Nitroaniline	15.53	138	169854	40.653	nq	93
62) Azobenzene	15.81	77	624610	34.665	nq	99
64) 4,6-Dinitro-2-methylphenol	15.59	198	101219	39.264	nq	89
65) n-Nitrosodiphenylamine	15.73	169	570965	35.408	nq	99
66) 4-Bromophenyl-phenylether	16.41	248	217784	35.754	nq	94
67) Hexachlorobenzene	16.52	284	224755	34.599	nq	97
68) Atrazine	16.68	200	246326	38.993	nq	97
69) Pentachlorophenol	16.86	266	299169	67.048	nq	# 57
70) Phenanthrene	17.26	178	1027205	34.523	nq	98
71) Anthracene	17.35	178	1060365	35.636	nq	99
72) Carbazole	17.62	167	985232	34.321	nq	96
73) Di-n-butylphthalate	18.20	149	1178530	33.001	nq	99
74) Fluoranthene	19.28	202	1230232	34.180	nq	96
76) Benzidine	19.46	184	421942	28.447	nq	98
77) Pyrene	19.64	202	1224951	34.001	nq	95
79) Butylbenzylphthalate	20.56	149	544504	34.415	nq	90
80) Benzo(a)anthracene	21.46	228	1216407	35.119	nq	98
81) 3,3'-Dichlorobenzidine	21.38	252	335115	25.948	nq	98
82) Chrysene	21.52	228	1146815	34.673	nq	97
83) Bis(2-ethylhexyl)phthalate	21.40	149	771332	34.521	nq	98
84) Di-n-octyl phthalate	22.57	149	1341328	37.821	nq	99
85) Indeno(1,2,3-cd)pyrene	28.00	276	1410998	37.477	nq	# 94
87) Benzo(b)fluoranthene	23.56	252	1255942	35.725	nq	99
88) Benzo(k)fluoranthene	23.63	252	1195605	34.237	nq	98
89) Benzo(a)pyrene	24.39	252	1206272	35.827	nq	99
90) Dibenzo(a,h)anthracene	28.07	278	1171048	35.945	nq	97
91) Benzo(g,h,i)perylene	29.07	276	1170899	36.525	nq	99

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

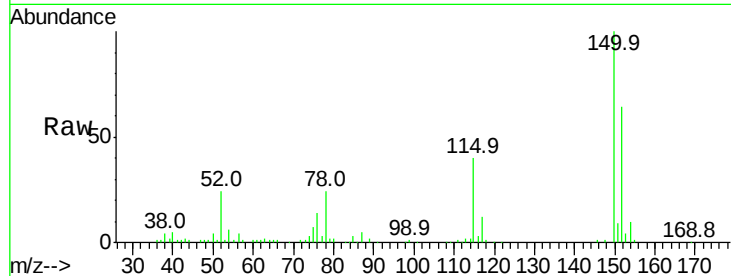


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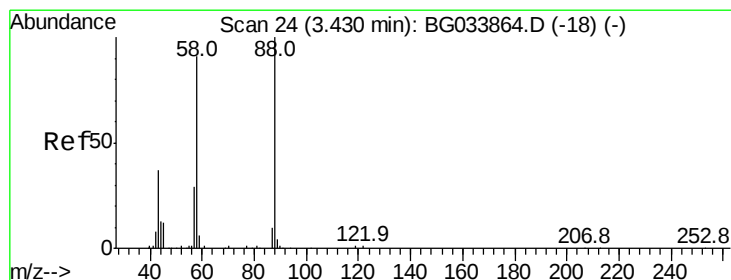
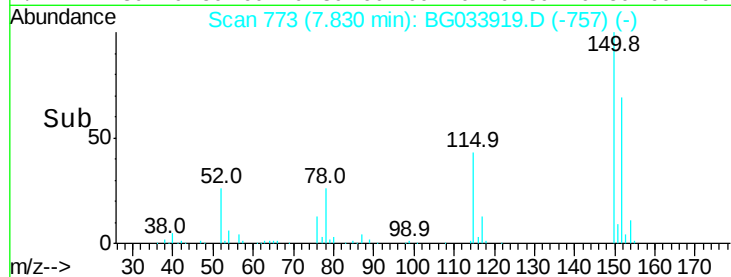
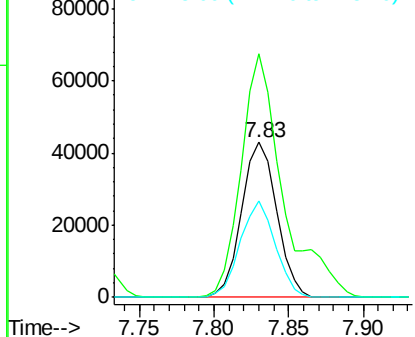
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 69879
Ion Ratio Lower Upper
152 100
150 156.9 126.6 189.8
115 62.1 53.0 79.4



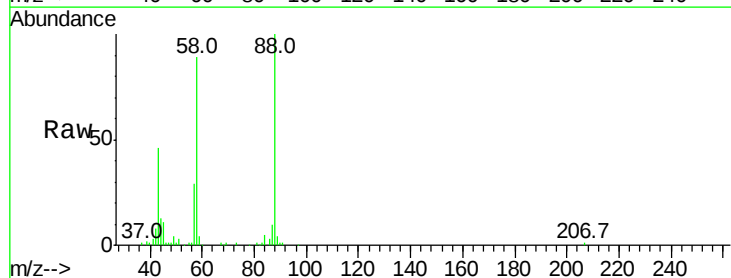
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



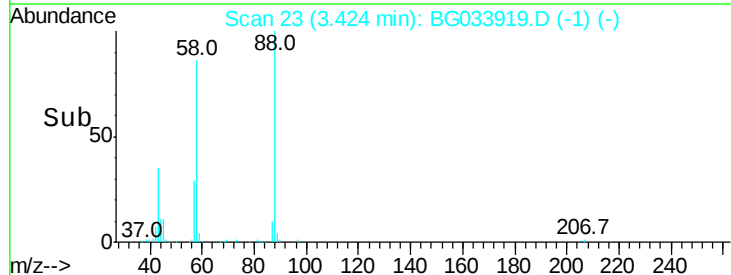
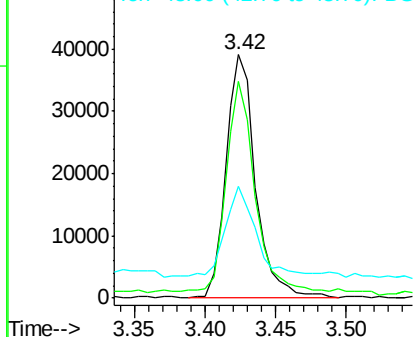
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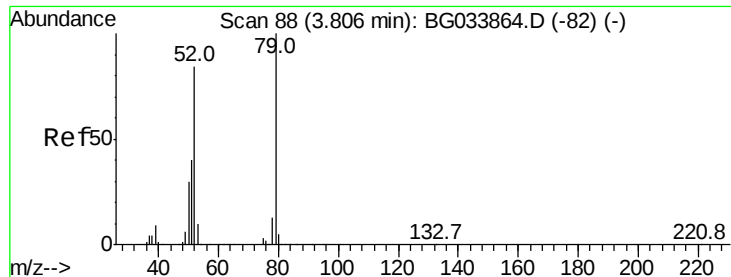
1,4-Dioxane
Concen: 30.774 ng
RT: 3.42 min Scan# 23
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion: 88 Resp: 56916
Ion Ratio Lower Upper
88 100
58 89.9 79.6 119.4
43 37.2 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.484 ng

RT: 3.79 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

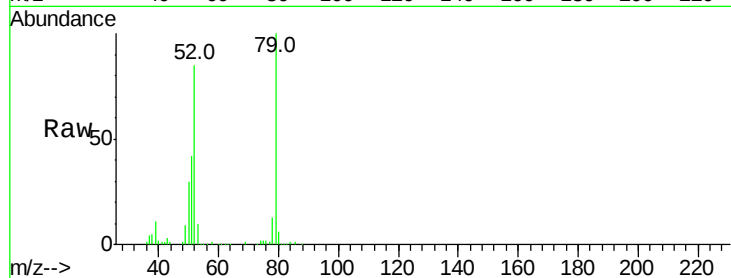
Tot Ion: 79 Resp: 168475

Ion Ratio Lower Upper

79 100

52 85.4 69.9 104.9

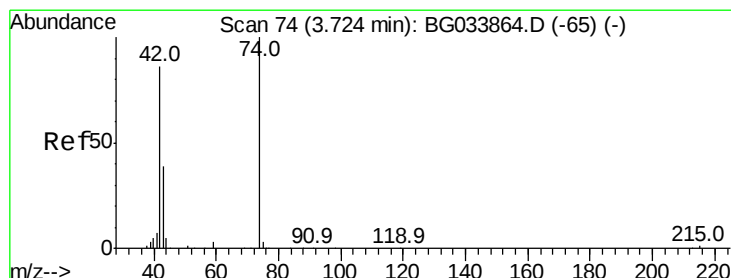
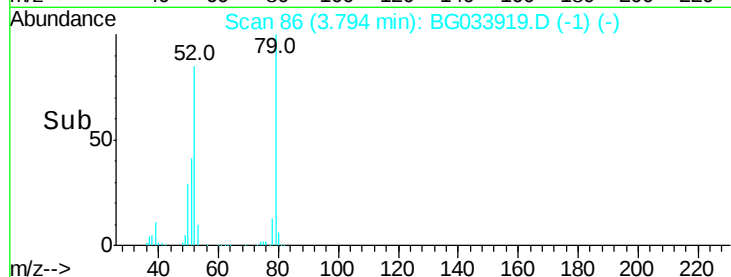
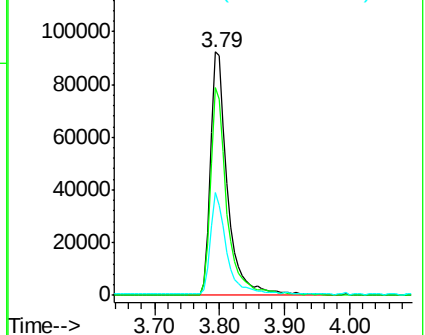
51 42.5 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.346 ng

RT: 3.72 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

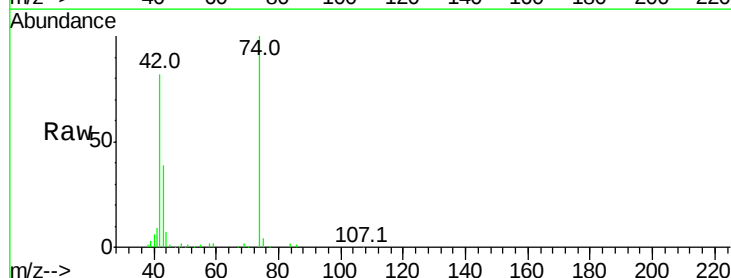
Tgt Ion: 42 Resp: 91047

Ion Ratio Lower Upper

42 100

74 121.4 102.5 153.7

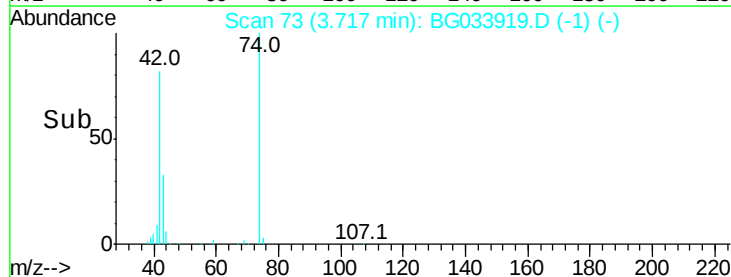
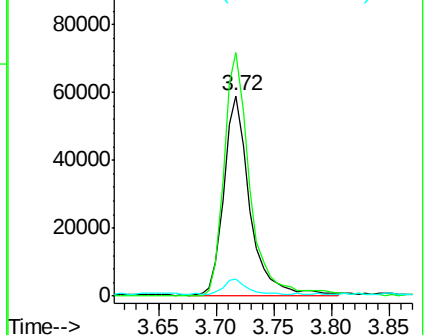
44 8.4 18.9 28.3#

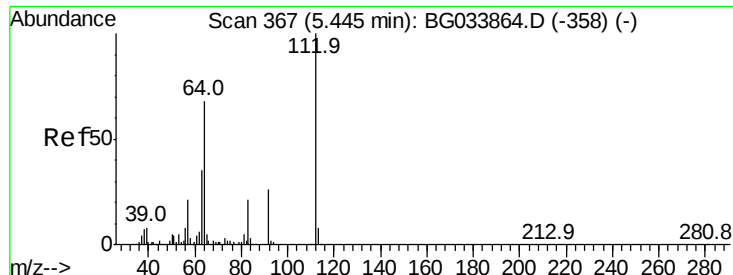


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 125.085 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

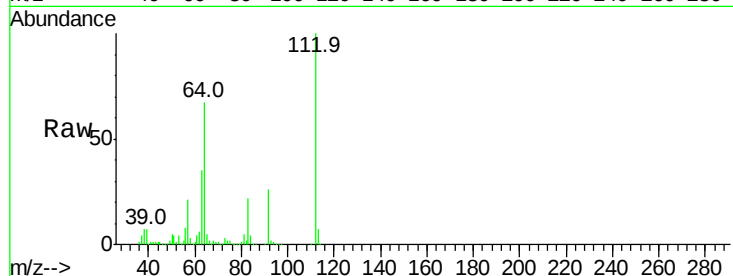
Tot Ion:112 Resp: 547488

Ion Ratio Lower Upper

112 100

64 67.4 56.3 84.5

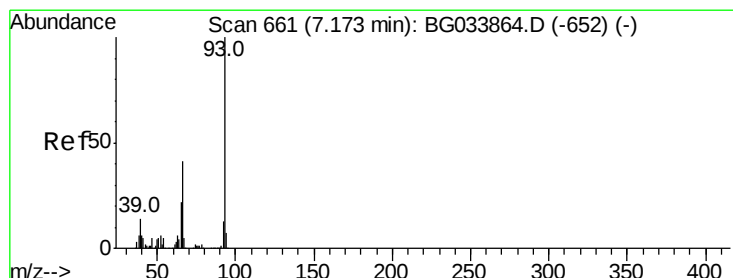
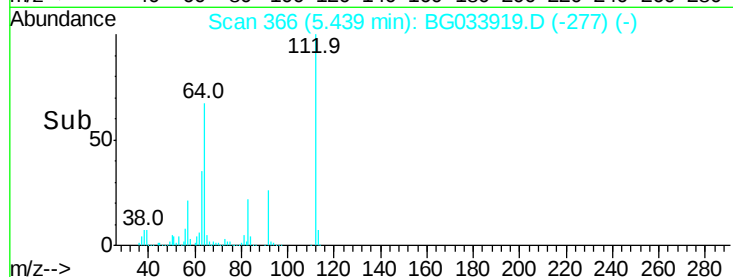
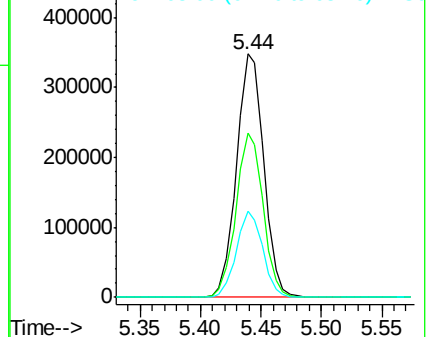
63 35.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.312 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

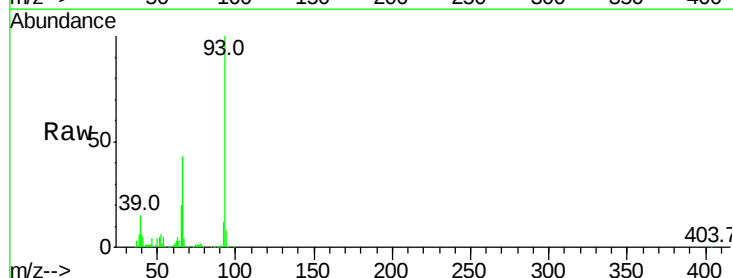
Tgt Ion: 93 Resp: 190402

Ion Ratio Lower Upper

93 100

66 42.9 33.7 50.5

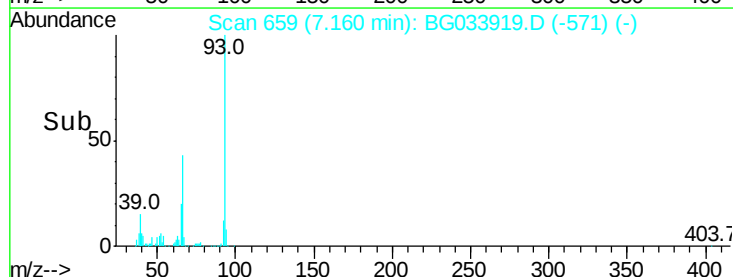
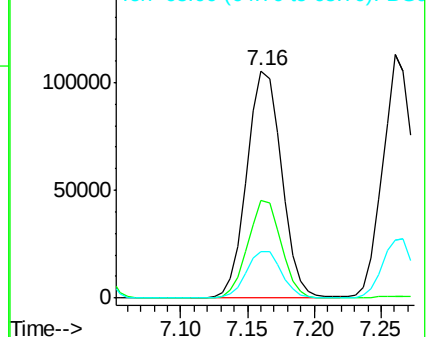
65 20.4 16.1 24.1

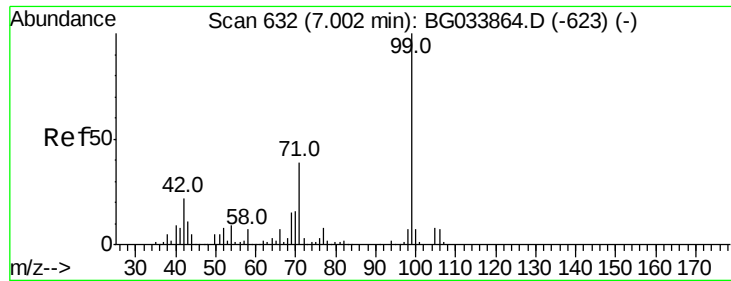


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.588 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampled :

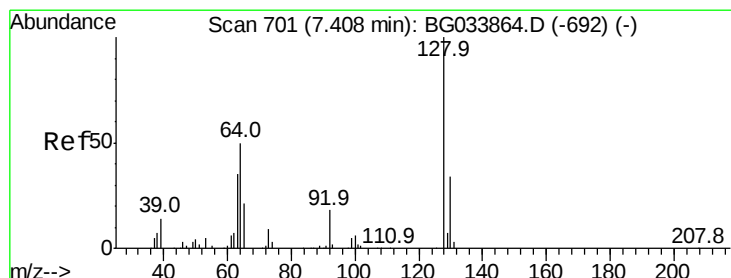
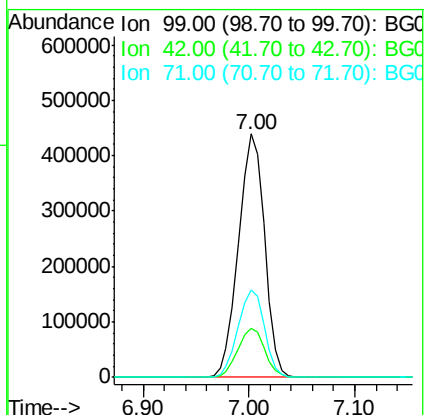
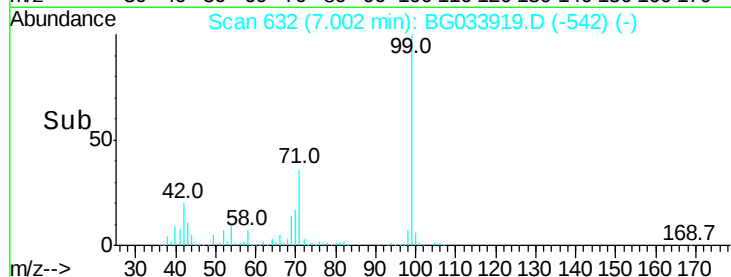
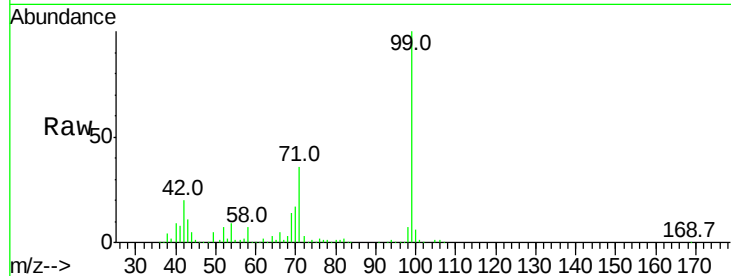
Tot Ion: 99 Resp: 750681

Ion Ratio Lower Upper

99 100

42 20.2 14.1 21.1

71 35.9 26.1 39.1



#8

2-Chlorophenol

Concen: 38.569 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

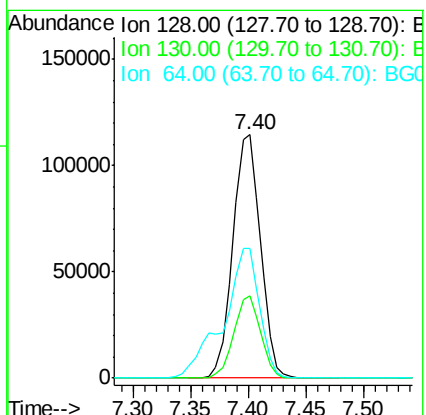
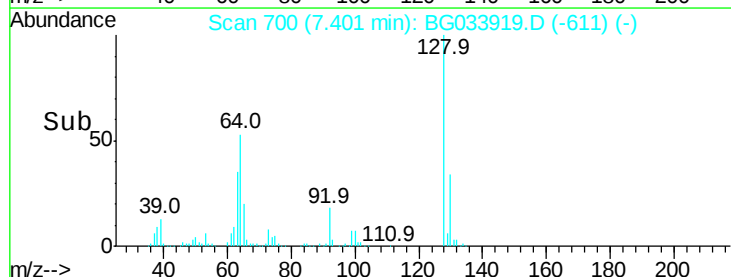
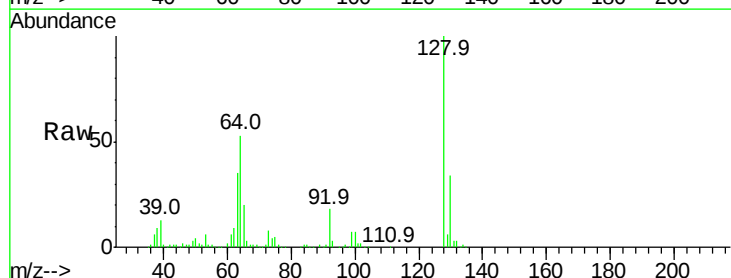
Tgt Ion:128 Resp: 189156

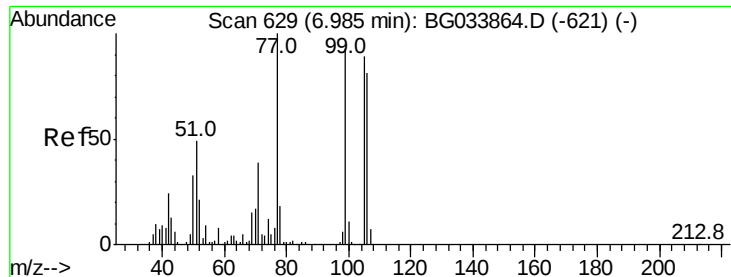
Ion Ratio Lower Upper

128 100

130 33.6 14.0 54.0

64 53.4 37.7 77.7





#9

Benzaldehyde

Concen: 27.442 ng

RT: 6.98 min Scan# 628

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

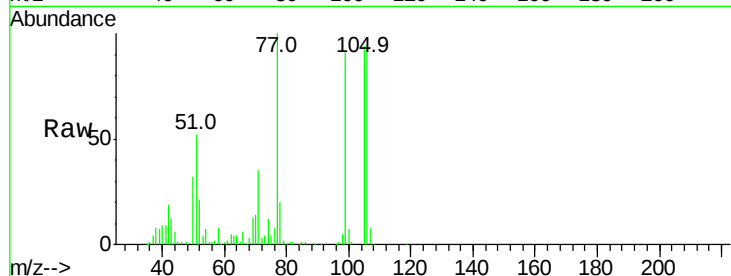
Tot Ion: 77 Resp: 101388

Ion Ratio Lower Upper

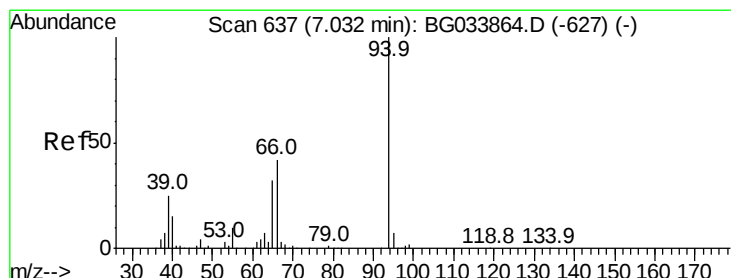
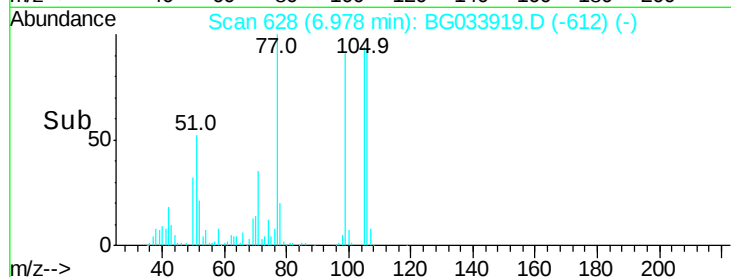
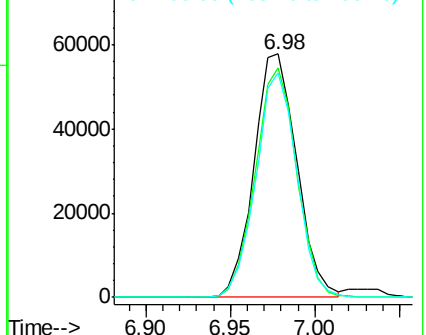
77 100

105 94.1 71.3 111.3

106 92.2 64.2 104.2



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



#10

Phenol

Concen: 40.991 ng

RT: 7.03 min Scan# 637

Delta R.T. -0.00 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

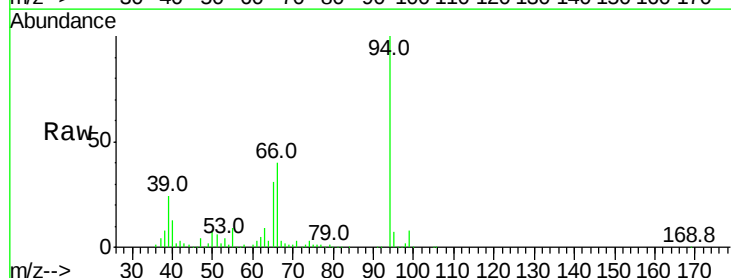
Tgt Ion: 94 Resp: 268083

Ion Ratio Lower Upper

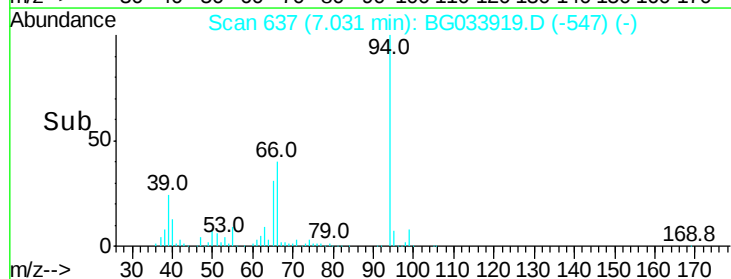
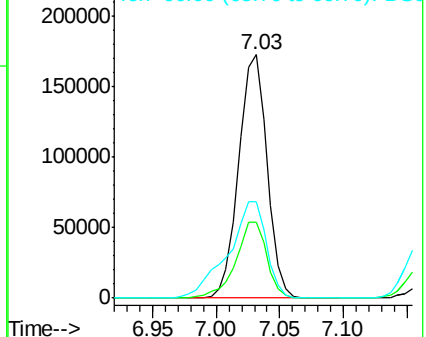
94 100

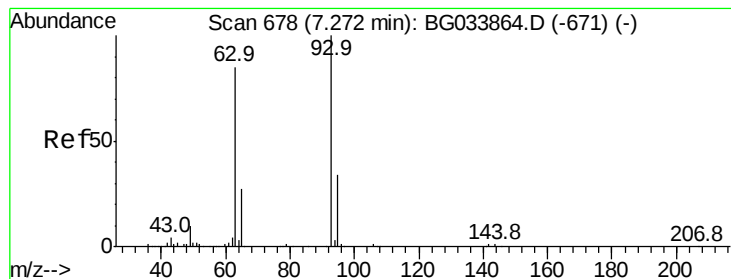
65 31.3 11.9 51.9

66 39.8 22.2 62.2



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





#11

bis(2-Chloroethyl)ether

Concen: 35.385 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

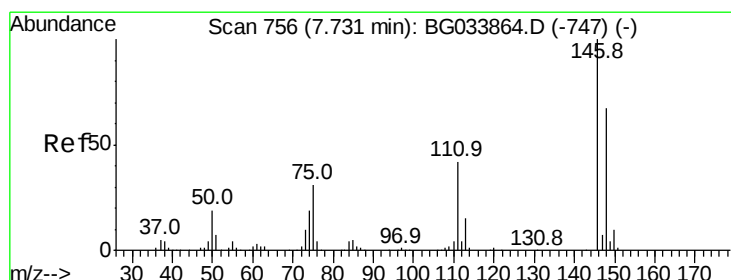
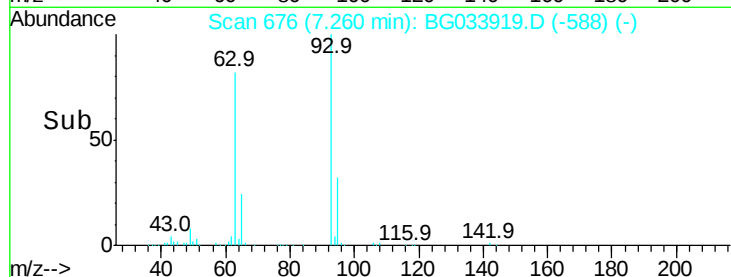
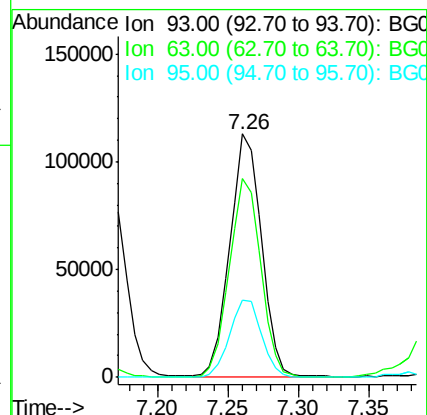
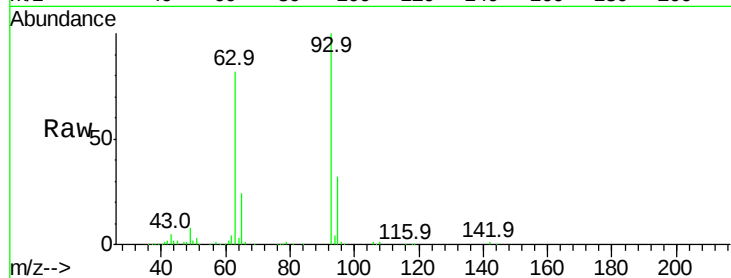
Tot Ion: 93 Resp: 176993

Ion Ratio Lower Upper

93 100

63 81.9 67.1 107.1

95 31.9 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 34.094 ng

RT: 7.72 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

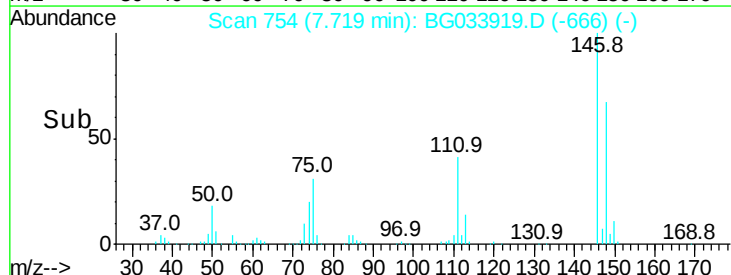
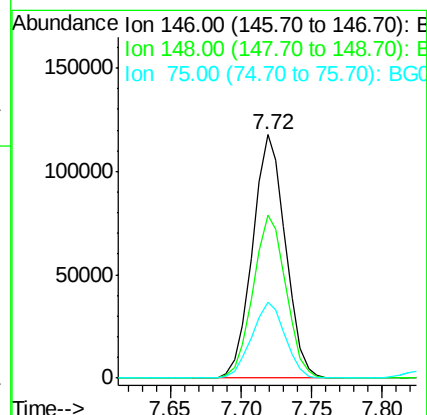
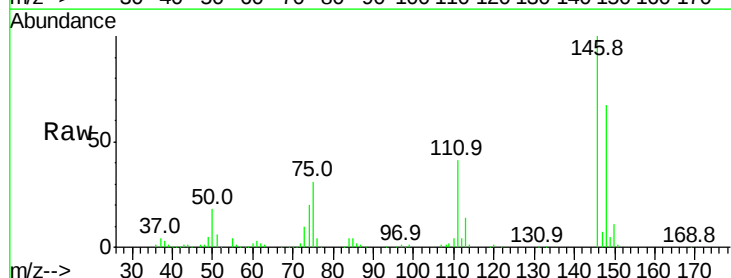
Tgt Ion: 146 Resp: 192484

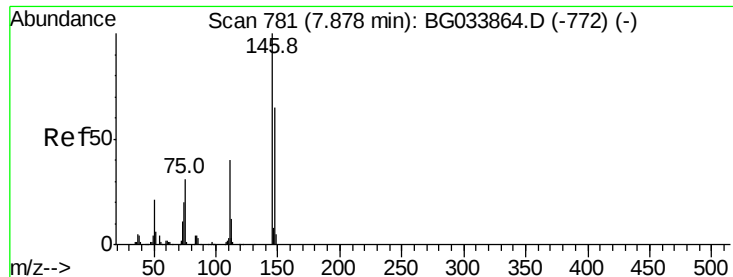
Ion Ratio Lower Upper

146 100

148 66.8 51.4 77.2

75 31.3 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 34.464 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

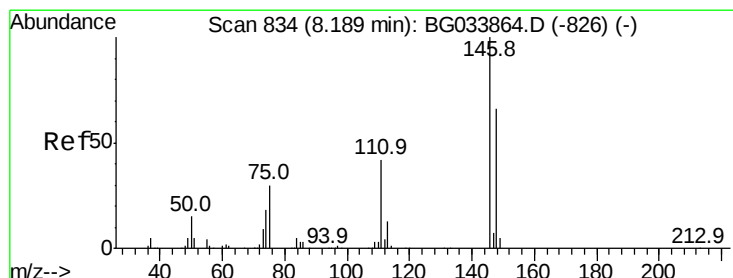
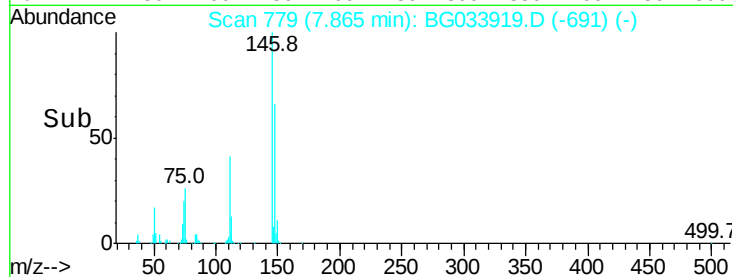
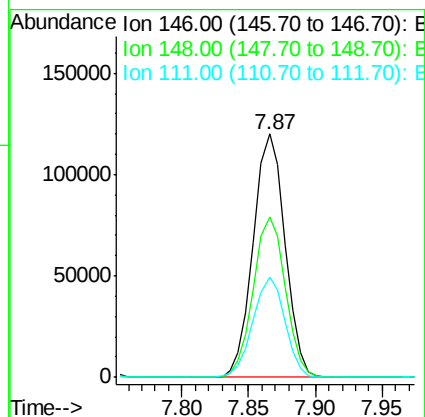
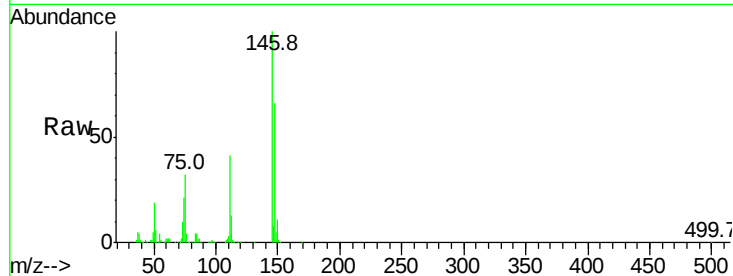
Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 197075

Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.7	80.5
111	41.2	35.2	52.8



#14

1,2-Dichlorobenzene

Concen: 34.228 ng

RT: 8.18 min Scan# 833

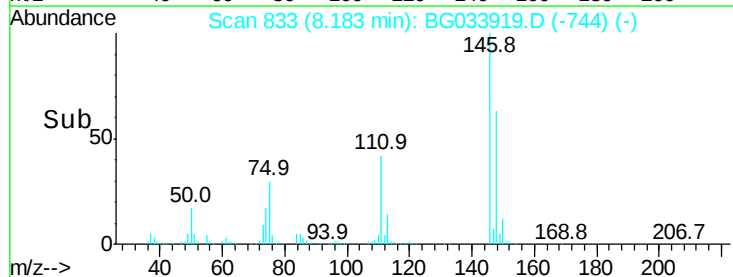
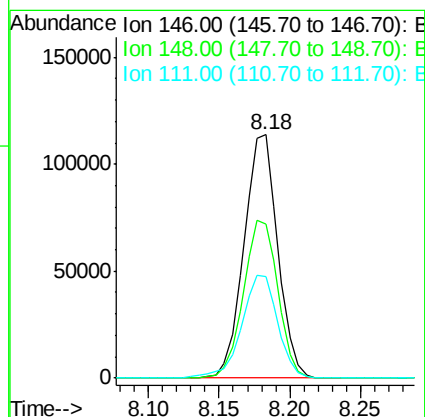
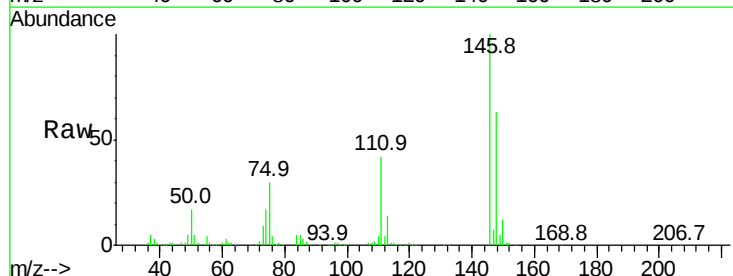
Delta R.T. -0.01 min

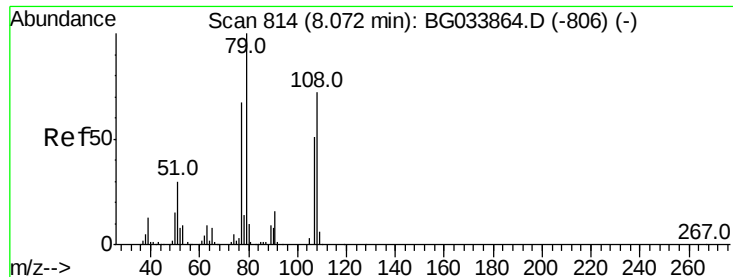
Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tgt Ion:146 Resp: 190338

Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.3	73.9
111	41.7	34.3	51.5





#15

Benzyl Alcohol

Concen: 34.659 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

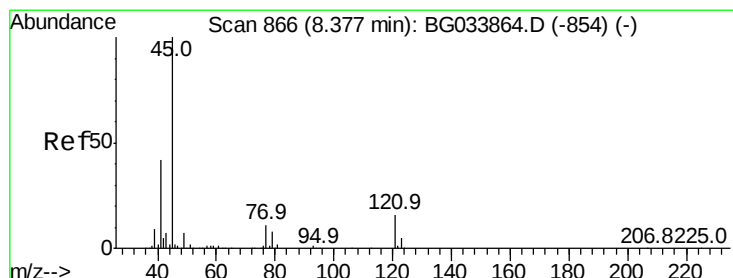
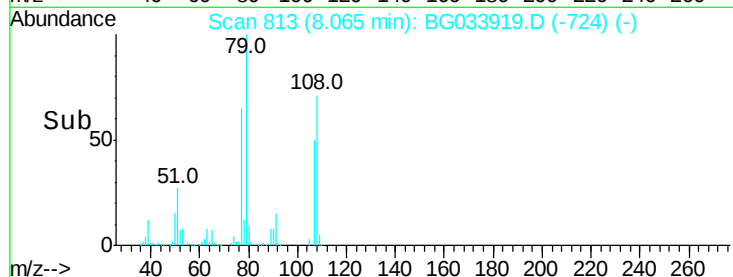
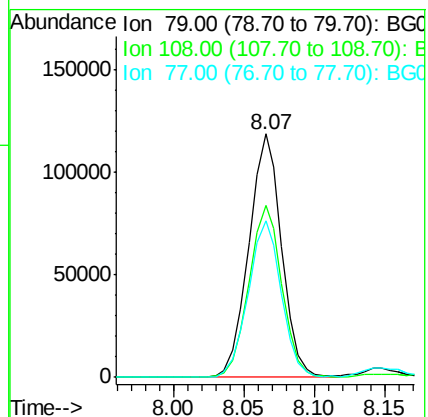
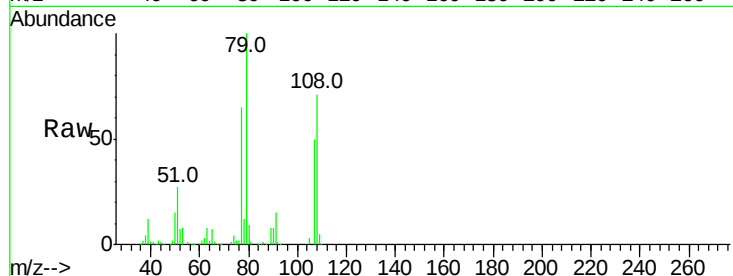
Tot Ion: 79 Resp: 192941

Ion Ratio Lower Upper

79 100

108 70.6 57.2 85.8

77 64.5 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.007 ng

RT: 8.36 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

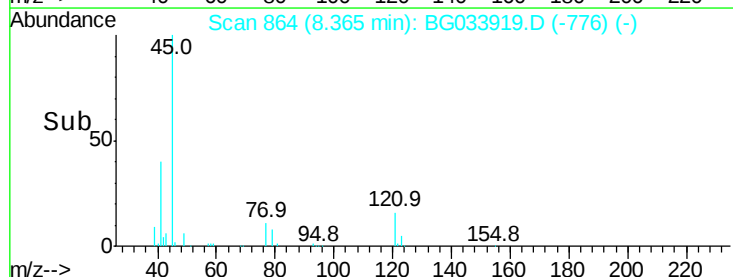
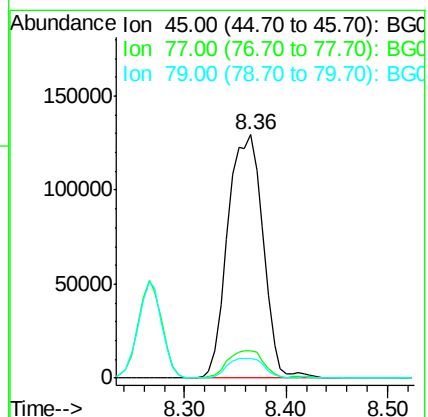
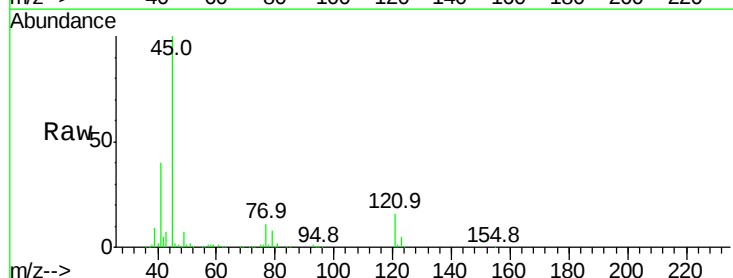
Tgt Ion: 45 Resp: 312254

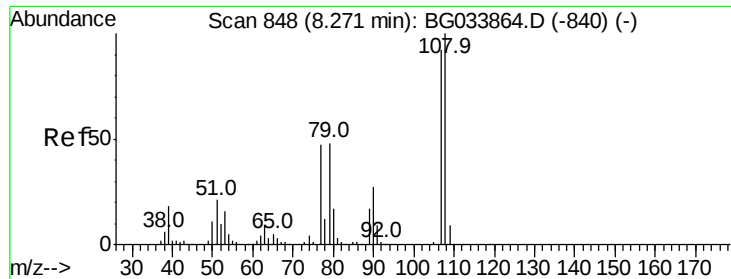
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.2

79 8.2 0.0 27.9





#17

2-Methylphenol

Concen: 35.526 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 172174

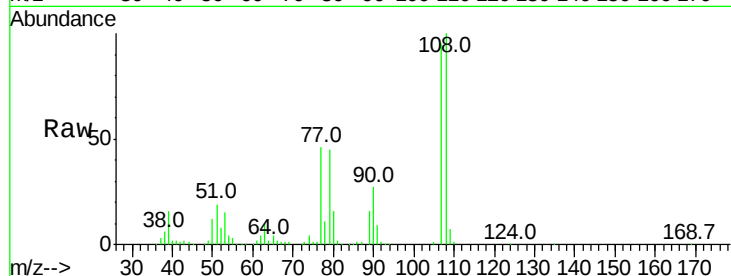
Ion Ratio Lower Upper

107 100

108 105.6 83.9 125.9

77 48.5 37.2 55.8

79 48.0 36.2 54.2

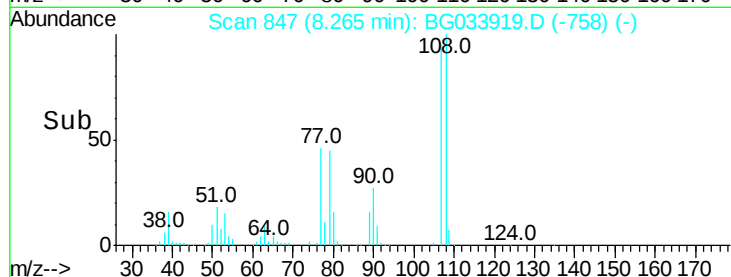


Abundance Ion 107.00 (106.70 to 107.70): E

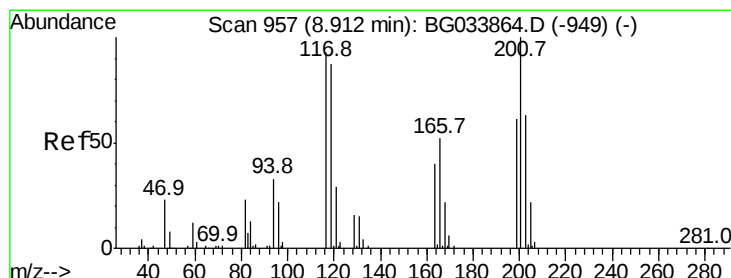
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



Time-->



#18

Hexachloroethane

Concen: 34.321 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

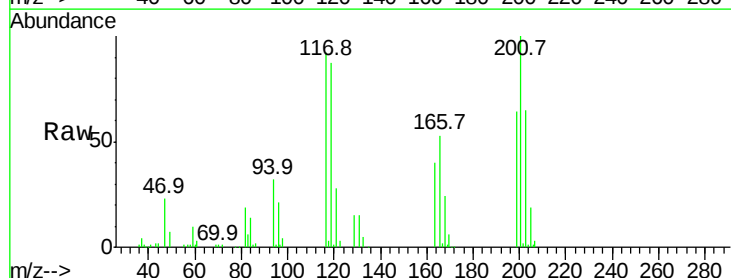
Tgt Ion:117 Resp: 71715

Ion Ratio Lower Upper

117 100

119 95.6 76.7 115.1

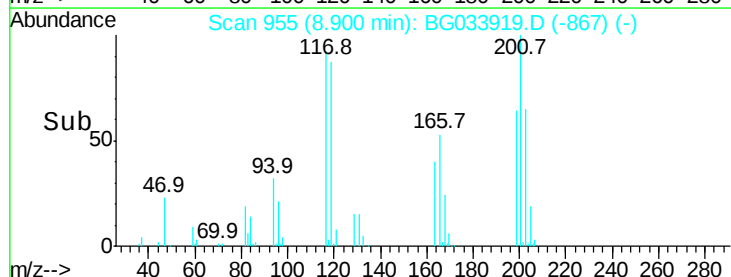
201 111.6 95.7 143.5



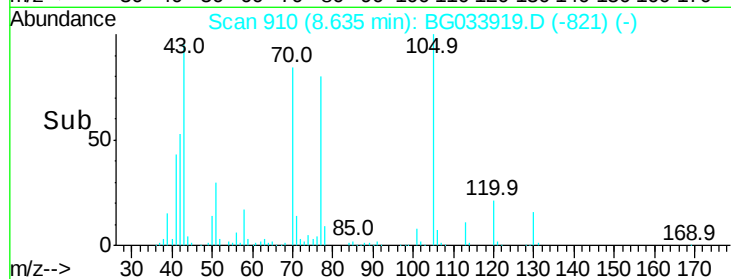
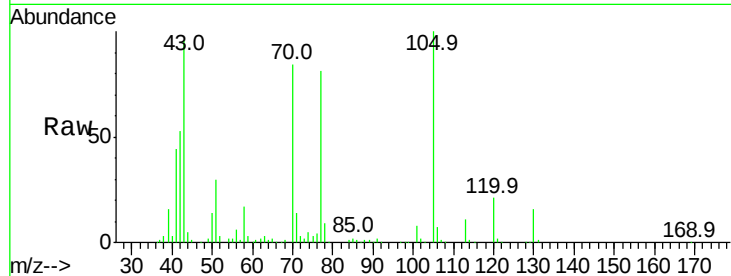
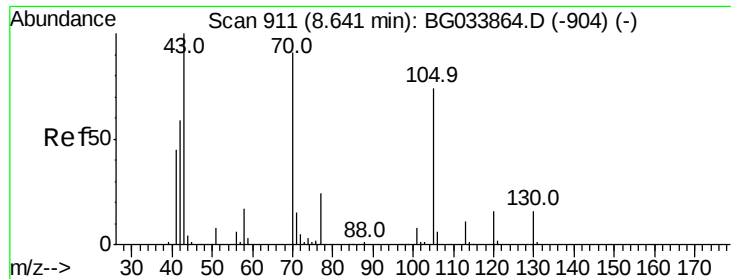
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



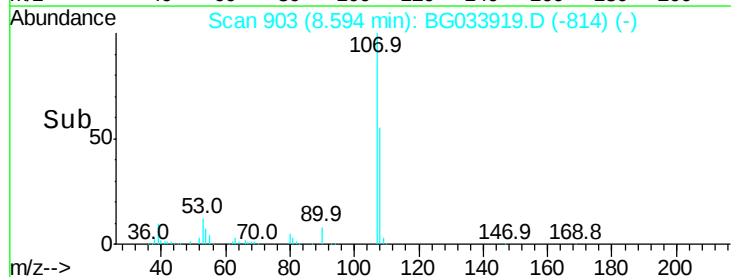
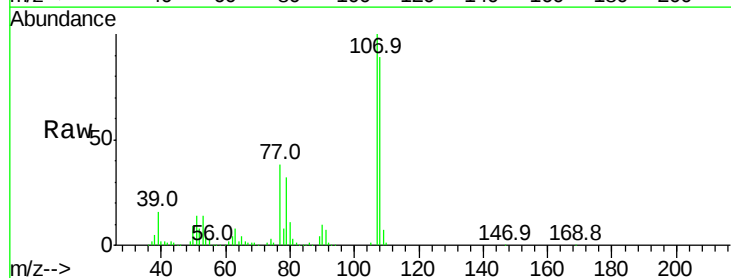
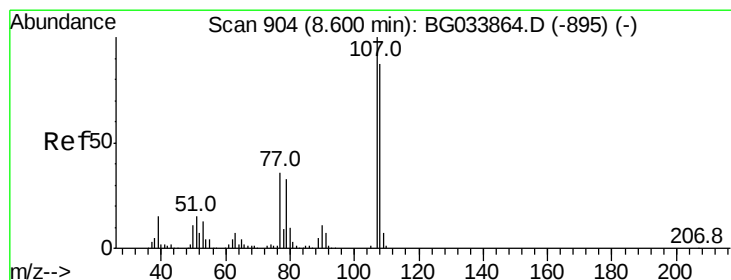
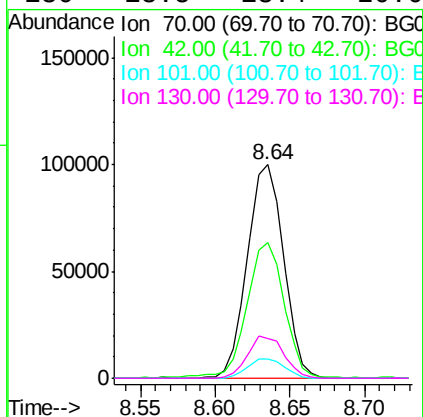
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 30.871 ng
RT: 8.64 min Scan# 910
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

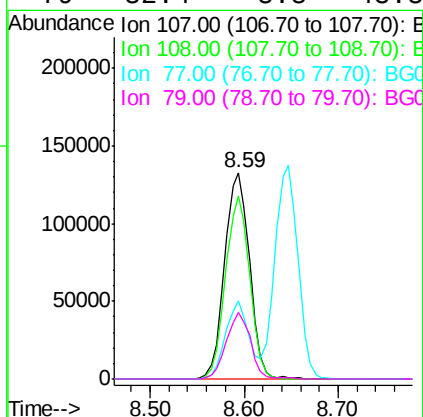
Instrument :
BNA_G
ClientSampleId :

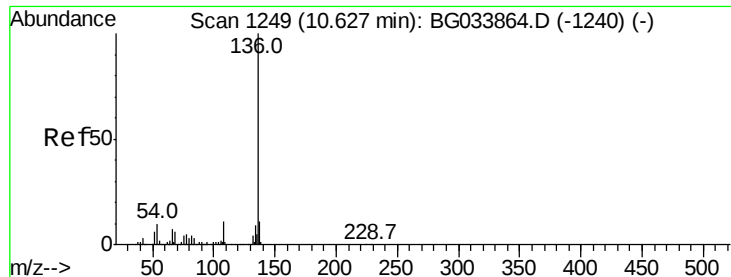
Tot Ion:	70	Resp:	167991
Ion	Ratio	Lower	Upper
70	100		
42	63.6	49.1	73.7
101	9.1	8.5	12.7
130	18.5	13.4	20.0



#20
3+4-Methylphenols
Concen: 34.683 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion:	107	Resp:	244241
Ion	Ratio	Lower	Upper
107	100		
108	88.6	61.6	101.6
77	37.6	13.9	53.9
79	32.4	8.8	48.8

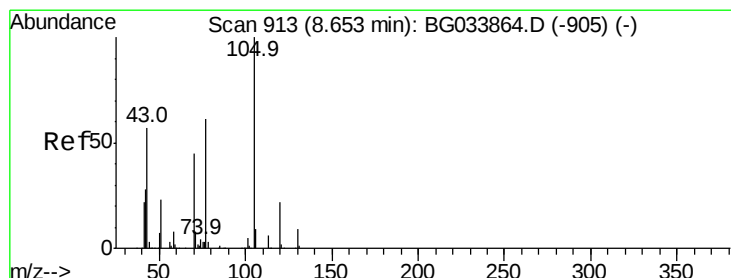
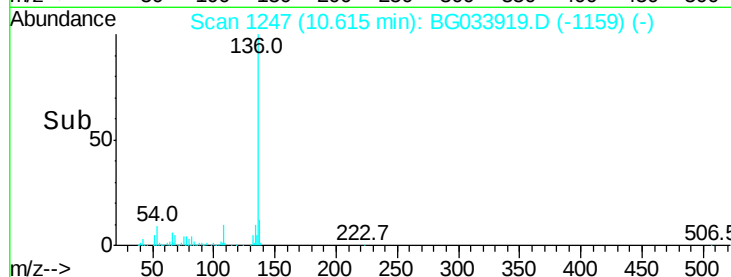
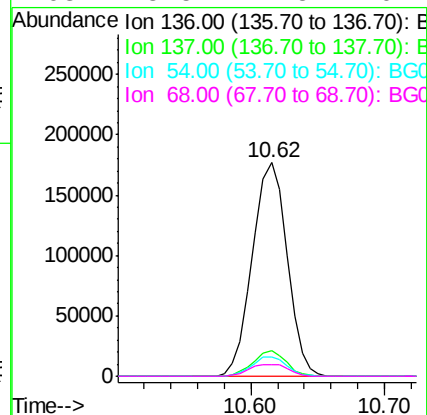
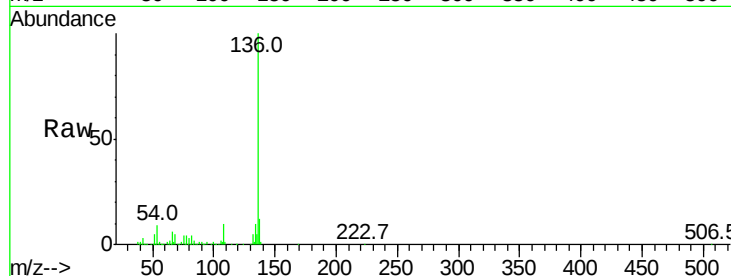




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

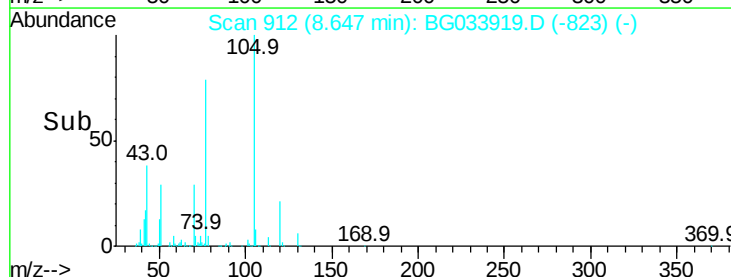
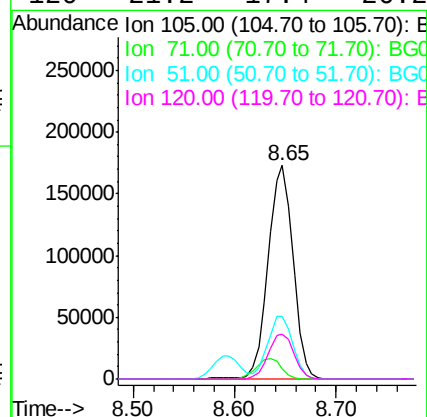
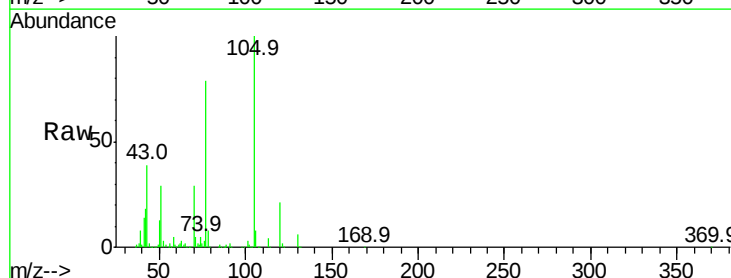
Instrument :
BNA_G
ClientSampled :

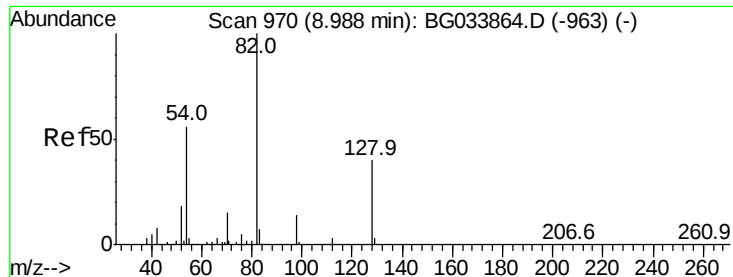
Tot Ion:136	Resp:	318509
Ion	Ratio	Lower Upper
136	100	
137	11.8	9.2 13.8
54	9.1	10.3 15.5#
68	5.5	4.5 6.7



#22
Acetophenone
Concen: 34.063 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion:105	Resp:	295292
Ion	Ratio	Lower Upper
105	100	
71	4.9	3.0 4.4#
51	29.4	26.1 39.1
120	21.2	17.4 26.2

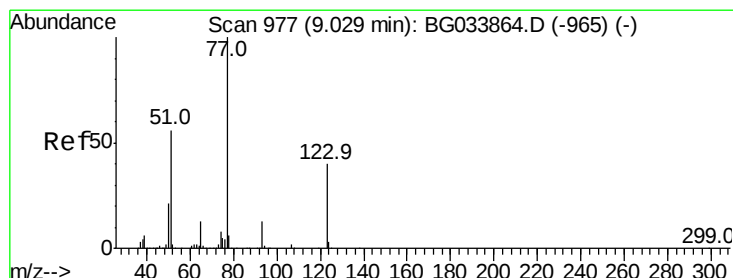
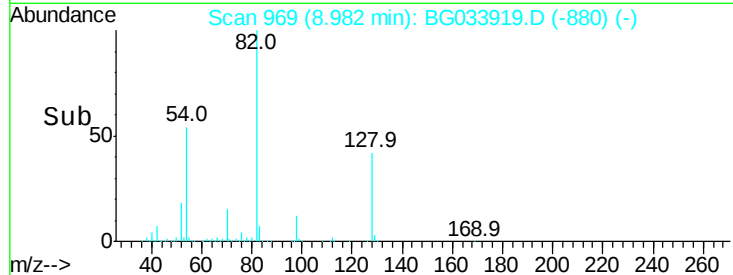
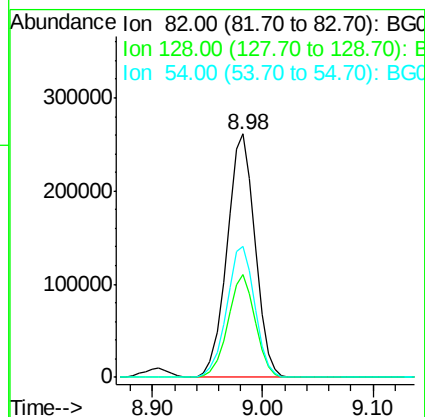
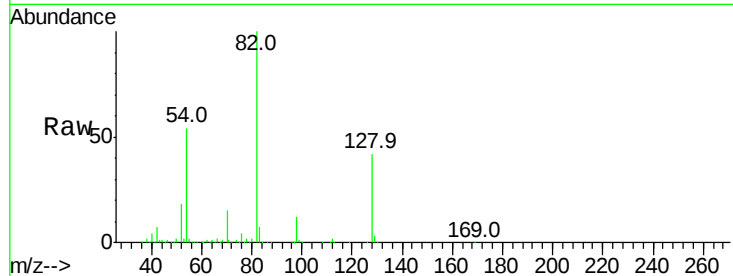




#23
 Nitrobenzene-d5
 Concen: 82.717 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

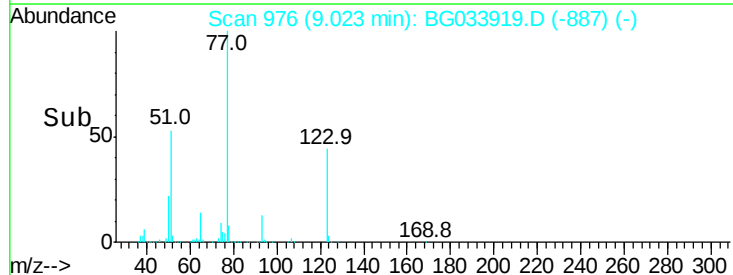
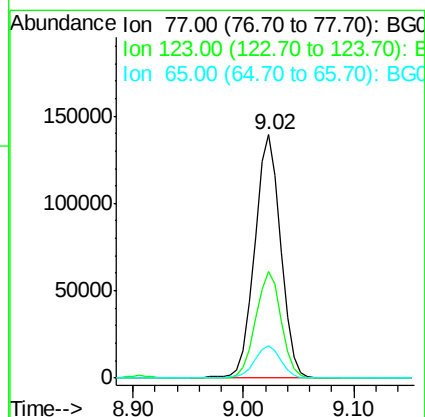
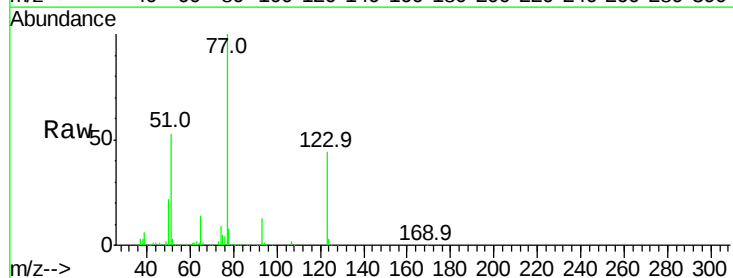
Instrument :
 BNA_G
 ClientSampleId :

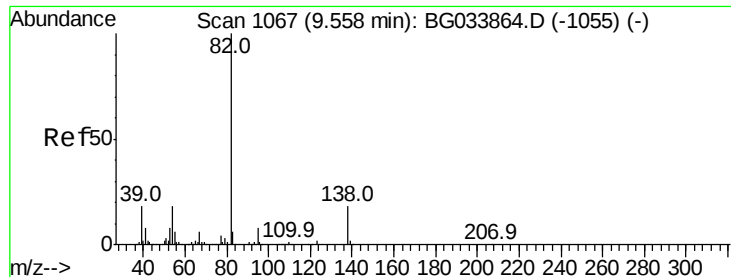
Tot Ion	82	Resp	462947
Ion Ratio	100	Lower	Upper
128	42.2	29.7	44.5
54	53.5	43.1	64.7



#24
 Nitrobenzene
 Concen: 37.690 ng
 RT: 9.02 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	77	Resp	229866
Ion Ratio	100	Lower	Upper
123	43.7	33.0	49.6
65	13.5	13.0	19.6





#25

Isophorone

Concen: 35.408 ng

RT: 9.55 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

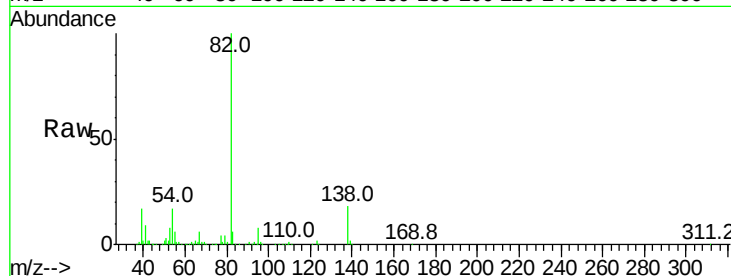
Tot Ion: 82 Resp: 445543

Ion Ratio Lower Upper

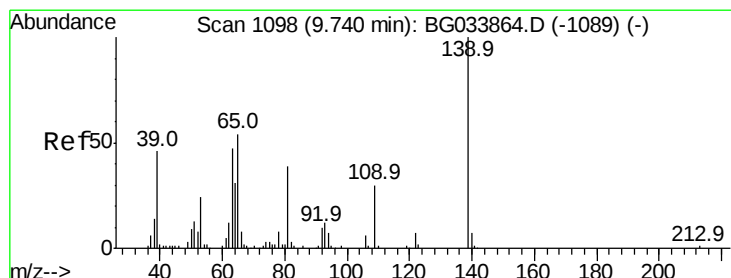
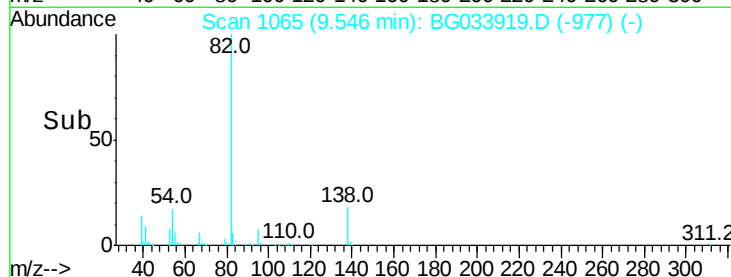
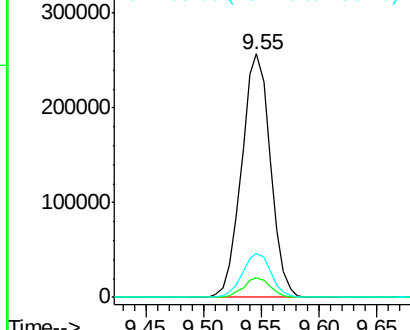
82 100

95 8.0 6.2 9.2

138 18.2 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: 46.522 ng

RT: 9.73 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

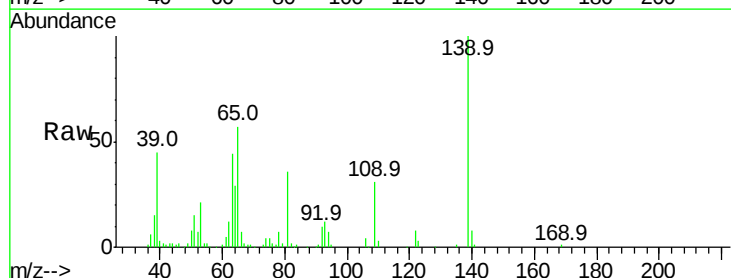
Tgt Ion:139 Resp: 112108

Ion Ratio Lower Upper

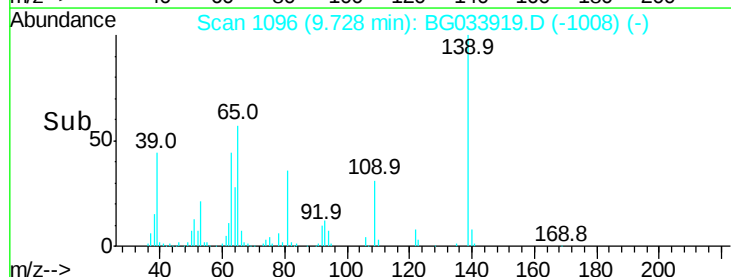
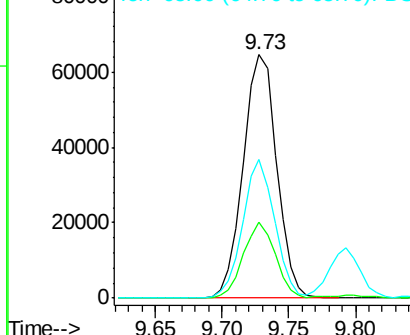
139 100

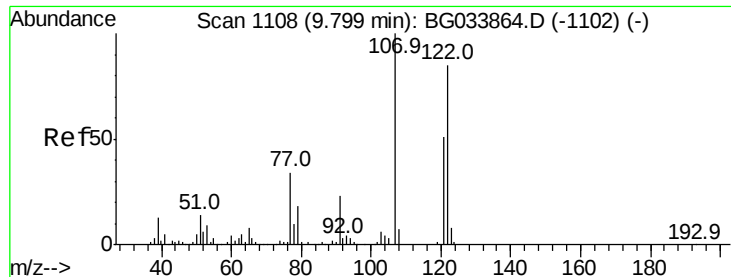
109 30.9 24.2 36.2

65 57.0 47.4 71.0



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





#27

2,4-Dimethylphenol

Concen: 42.598 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.01 min

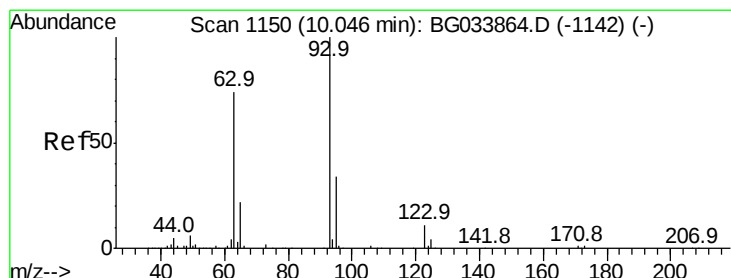
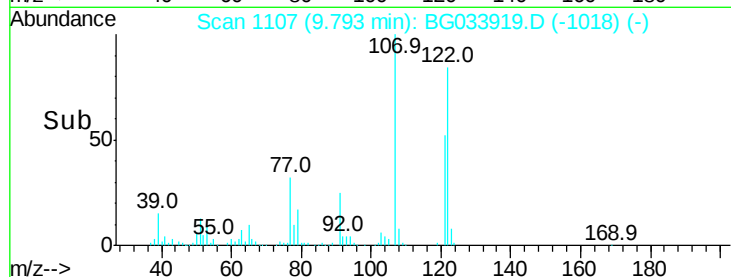
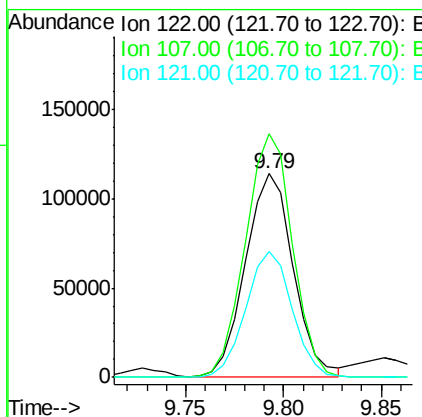
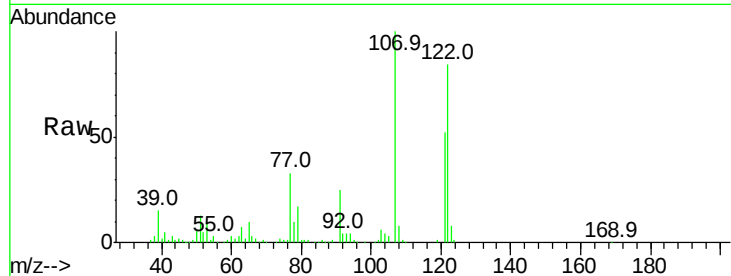
Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 192003

Ion	Ratio	Lower	Upper
122	100		
107	119.7	100.2	150.2
121	62.1	44.4	66.6



#28

bis(2-Chloroethoxy)methane

Concen: 38.817 ng

RT: 10.03 min Scan# 1148

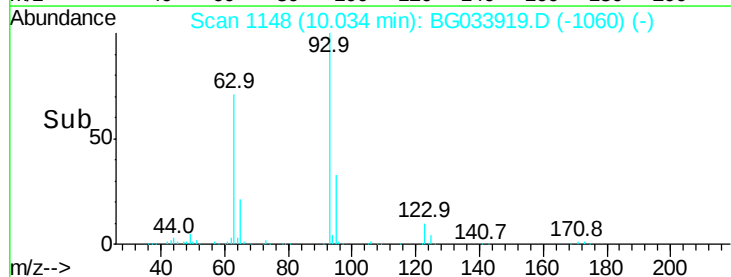
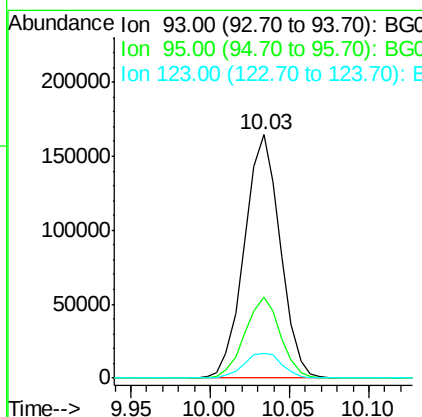
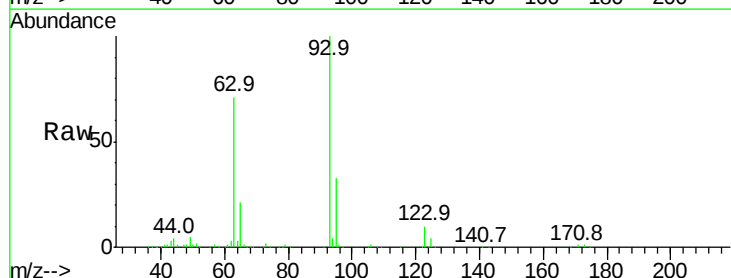
Delta R.T. -0.01 min

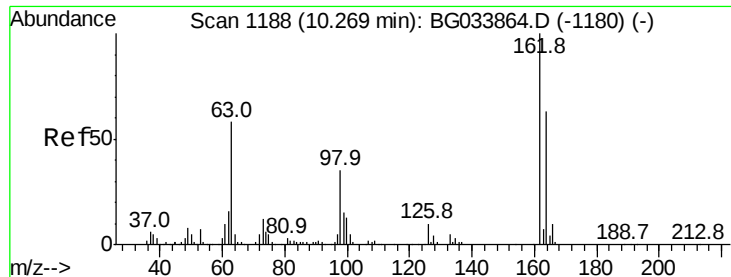
Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tgt Ion: 93 Resp: 258142

Ion	Ratio	Lower	Upper
93	100		
95	33.5	24.3	36.5
123	10.3	8.4	12.6

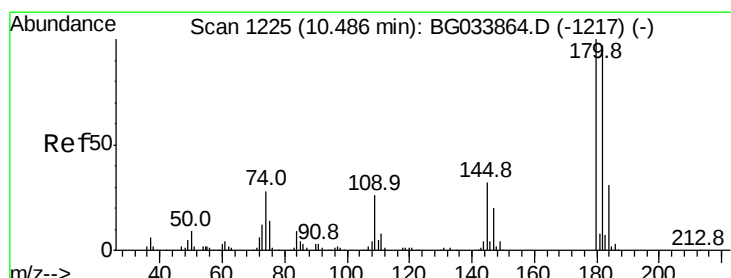
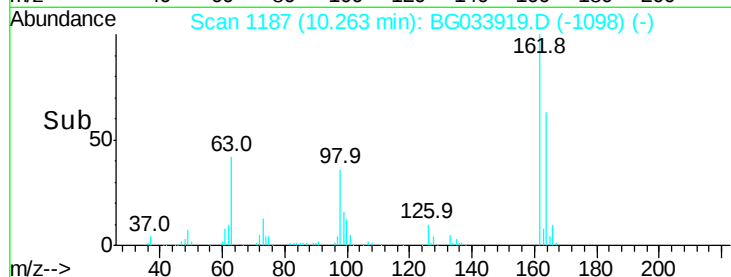
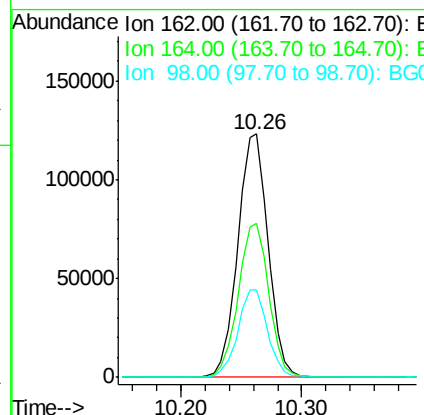
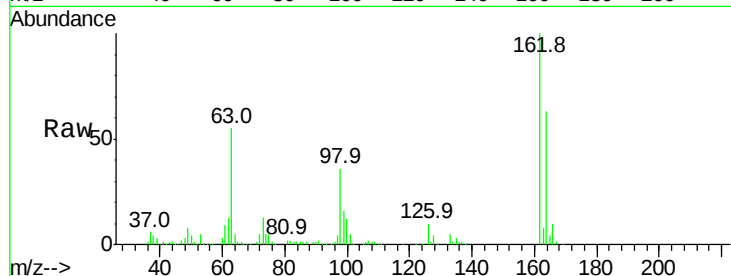




#29
 2,4-Dichlorophenol
 Concen: 42.798 ng
 RT: 10.26 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

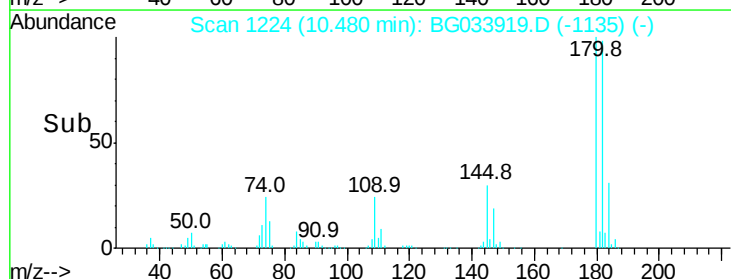
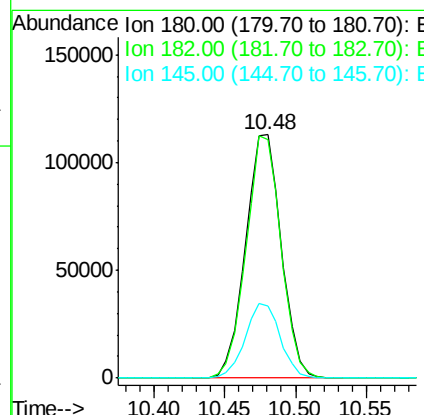
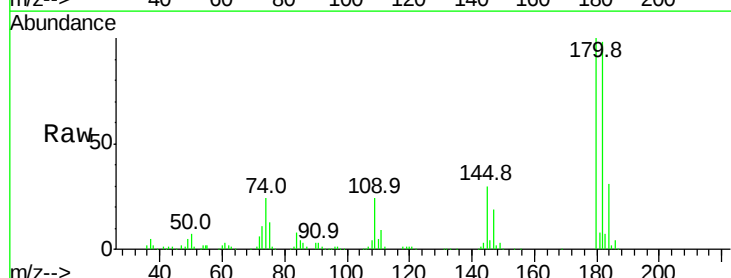
Instrument :
 BNA_G
 ClientSampleId :

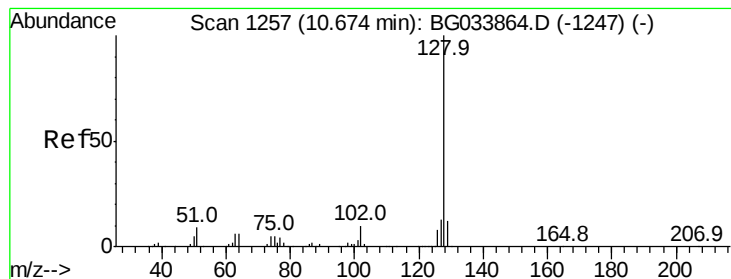
Tot Ion	Ratio	Resp	Lower	Upper
162	100	215045		
164	63.0	48.0	88.0	
98	35.9	21.1	61.1	



#30
 1,2,4-Trichlorobenzene
 Concen: 35.456 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	199539		
182	97.8	77.5	116.3	
145	29.7	23.4	35.2	

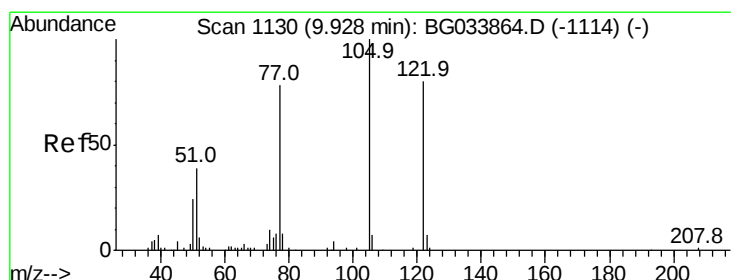
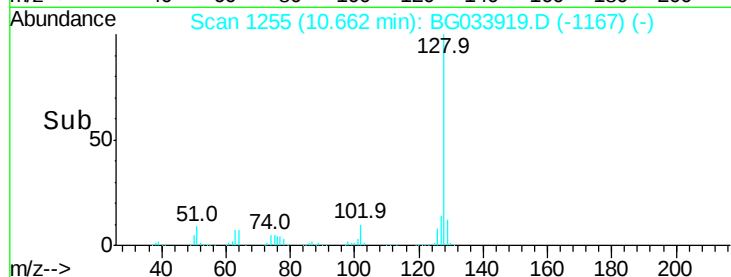
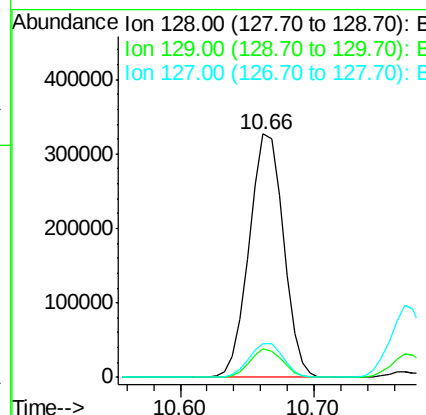
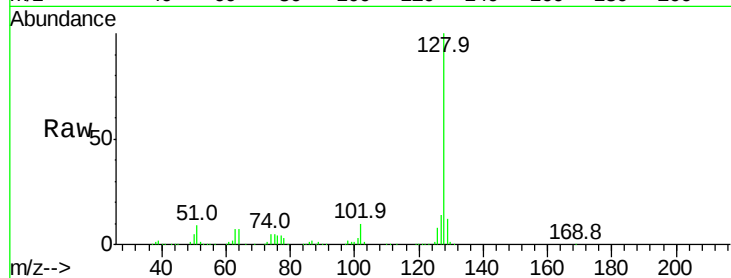




#31
Naphthalene
Concen: 35.464 ng
RT: 10.66 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

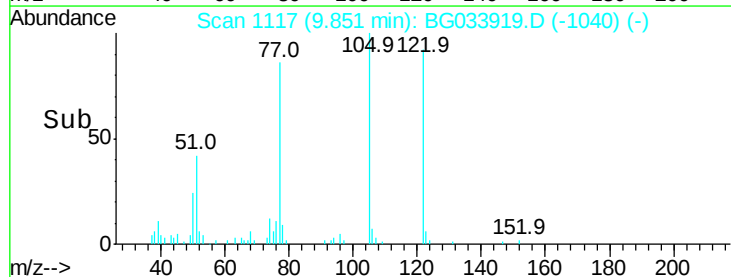
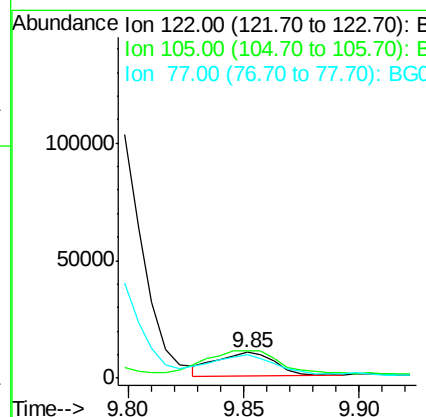
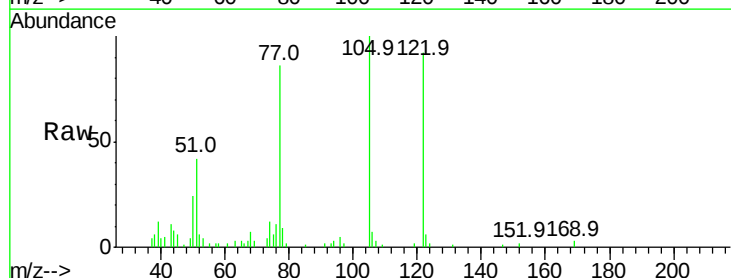
Instrument :
BNA_G
ClientSampleId :

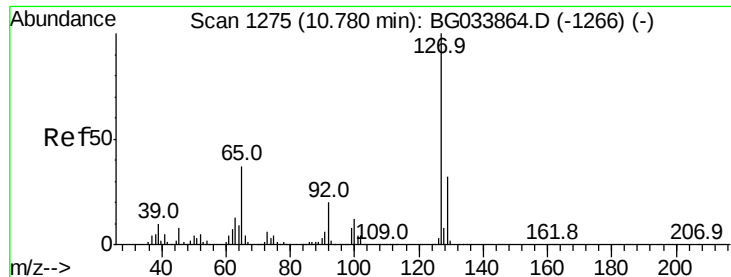
Tot Ion:128 Resp: 580861
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 13.7 11.6 17.4



#32
Benzoic acid
Concen: 8.630 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.08 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion:122 Resp: 17818
Ion Ratio Lower Upper
122 100
105 108.2 123.5 163.5#
77 93.0 85.7 125.7

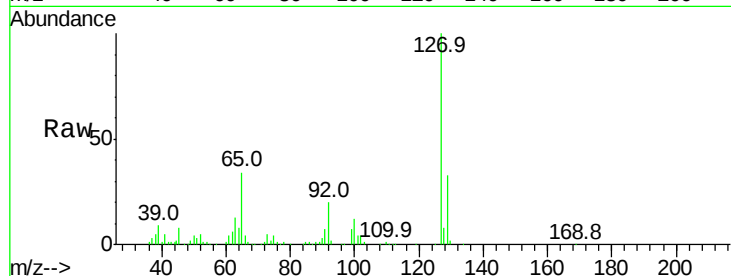




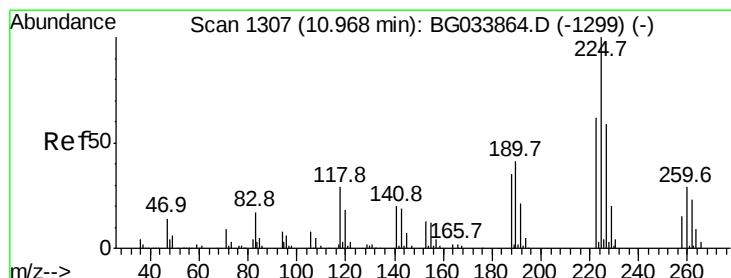
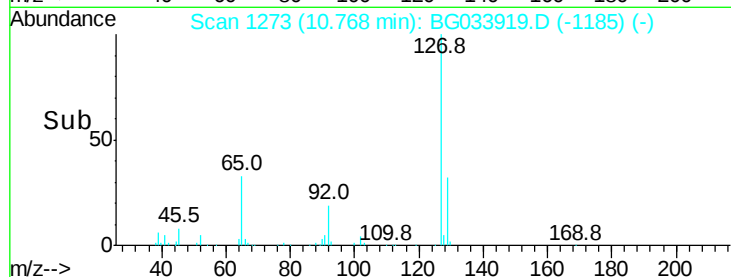
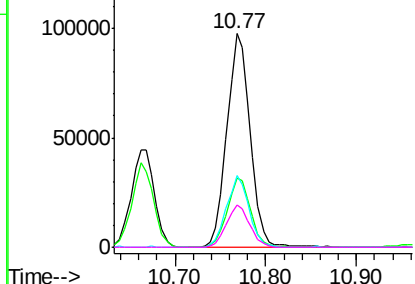
#33
4-Chloroaniline
Concen: 22.639 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	174287
Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.0	36.0
65	33.7	27.0	40.4
92	19.6	16.6	25.0

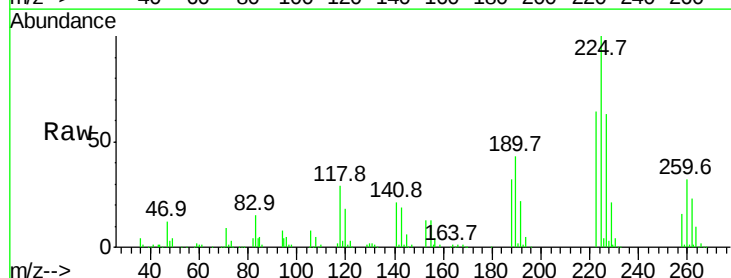


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

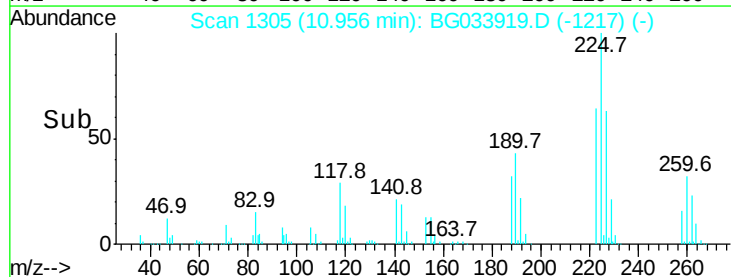
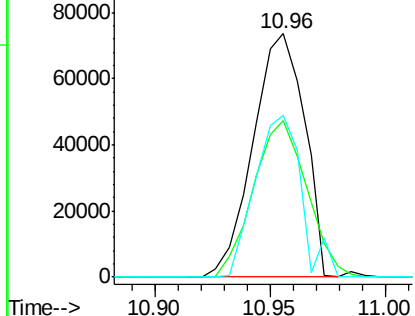


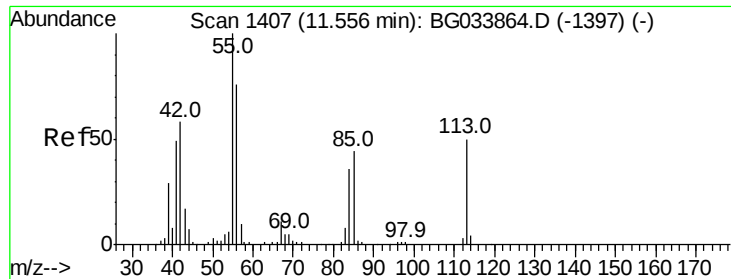
#34
Hexachlorobutadiene
Concen: 33.816 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion:	225	Resp:	113846
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	63.6	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: 24.252 ng

RT: 11.54 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

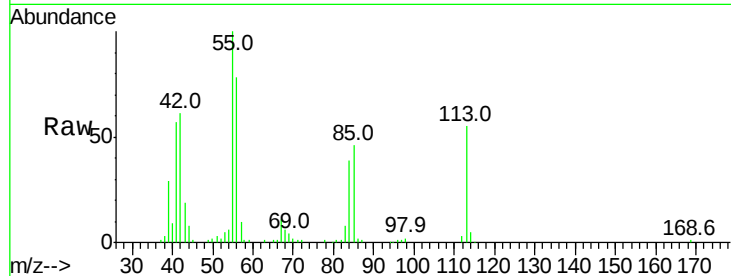
Tot Ion:113 Resp: 51809

Ion Ratio Lower Upper

113 100

55 182.6 186.9 226.9#

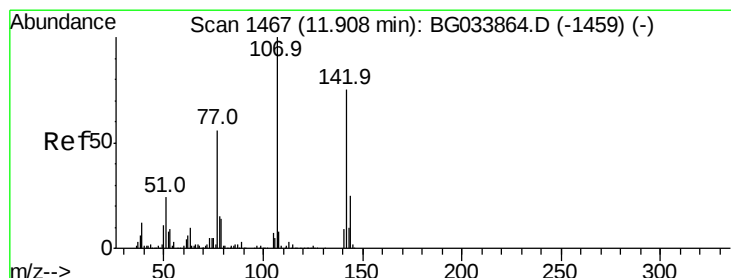
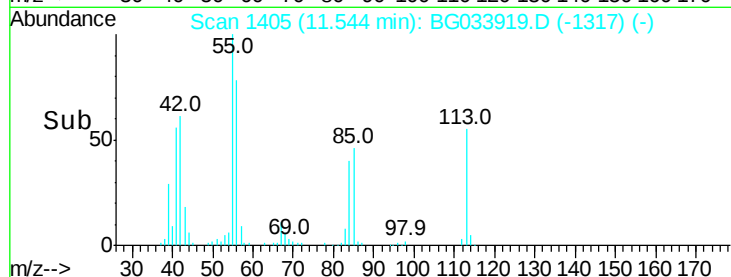
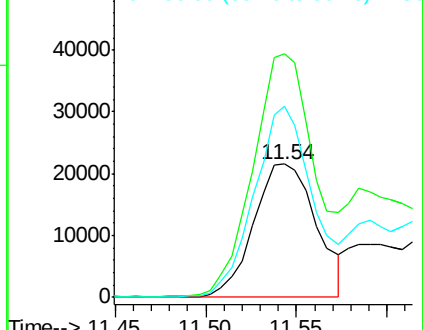
56 143.0 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.582 ng

RT: 11.90 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

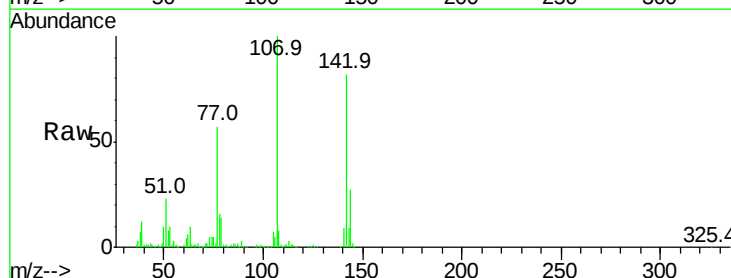
Tgt Ion:107 Resp: 242742

Ion Ratio Lower Upper

107 100

144 27.4 18.2 27.4#

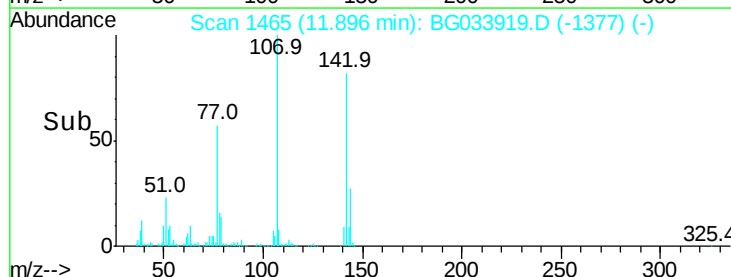
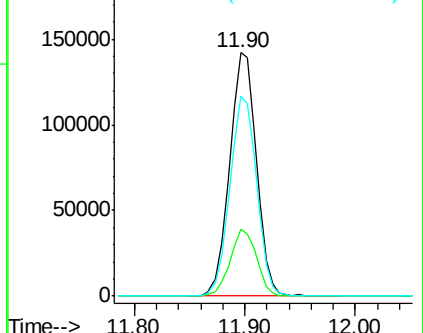
142 82.3 59.0 88.4

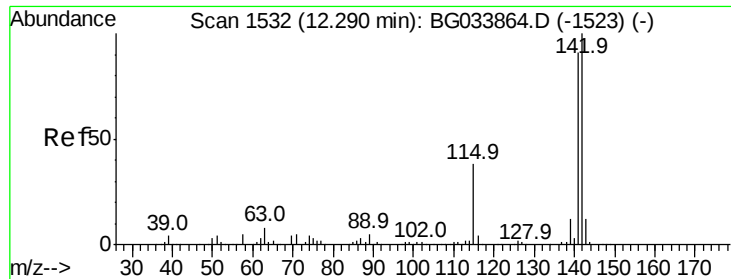


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

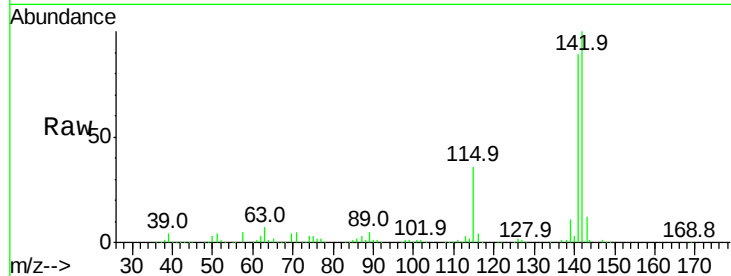




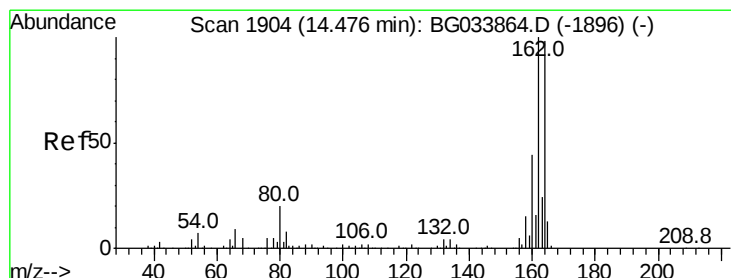
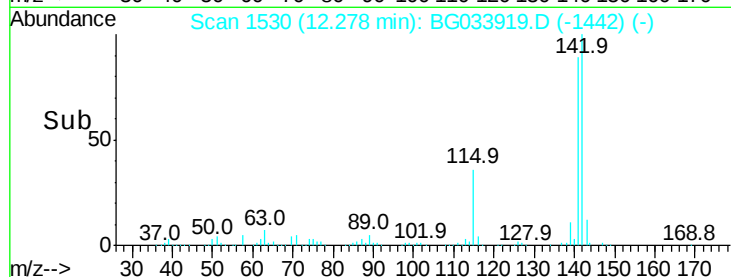
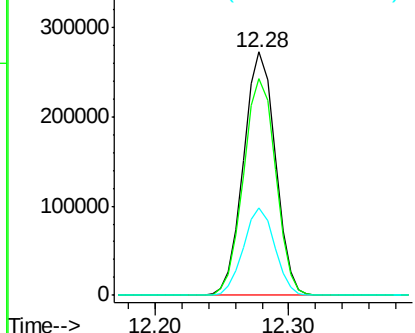
#37
2-Methylnaphthalene
Concen: 35.777 ng
RT: 12.28 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 448652
Ion Ratio Lower Upper
142 100
141 89.0 67.1 100.7
115 35.9 30.7 46.1

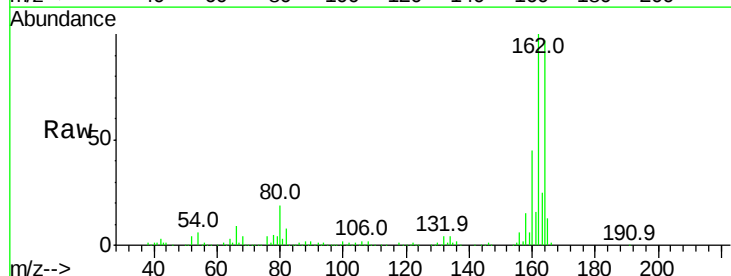


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

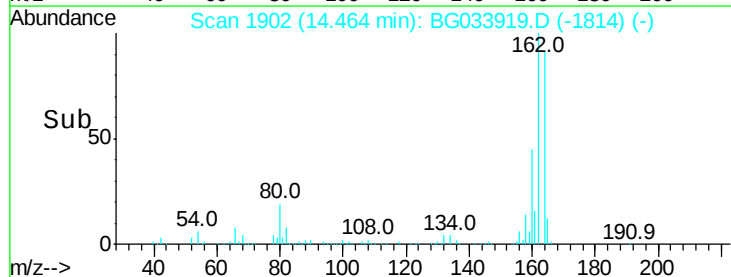
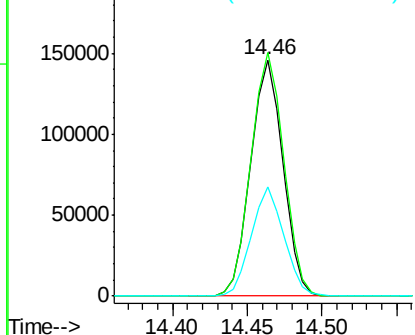


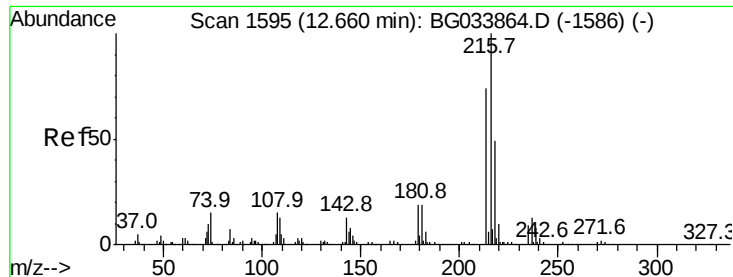
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion:164 Resp: 217395
Ion Ratio Lower Upper
164 100
162 103.1 78.8 118.2
160 46.1 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: 35.670 ng

RT: 12.65 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 257496

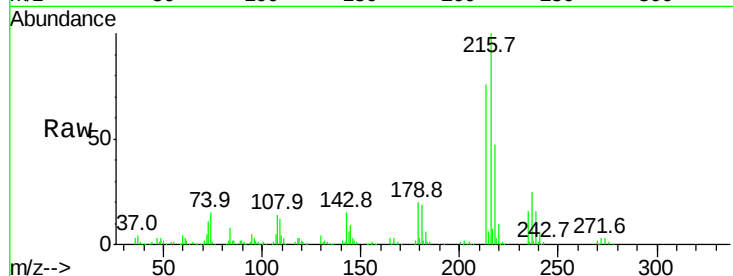
Ion Ratio Lower Upper

216 100

214 75.8 63.0 94.4

179 19.2 17.0 25.6

108 17.0 12.8 19.2

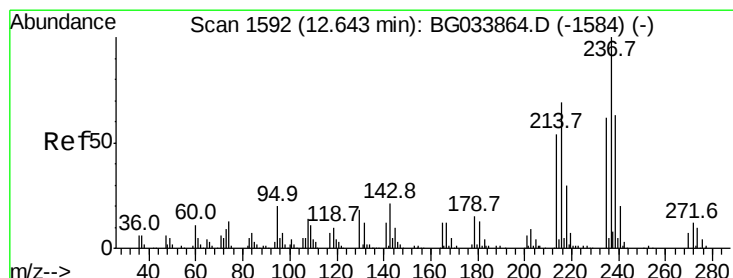
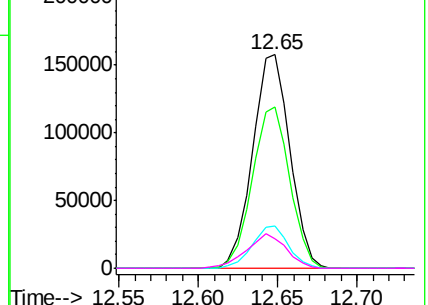
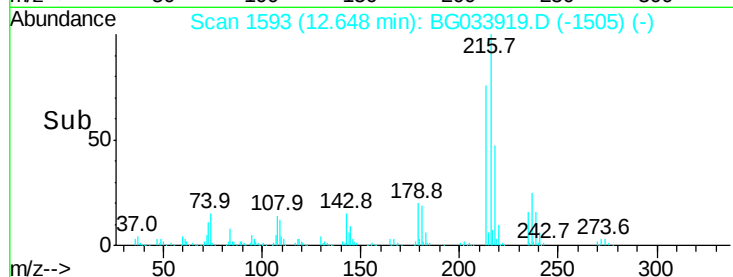


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 68.713 ng

RT: 12.63 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

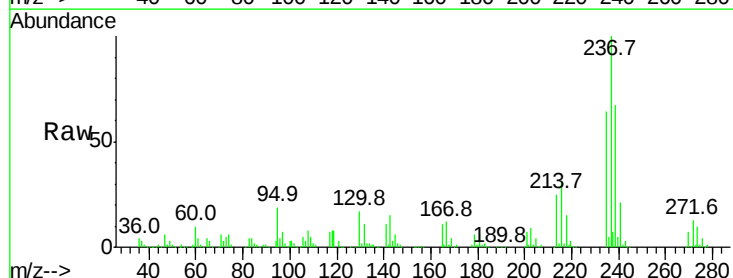
Tgt Ion:237 Resp: 272738

Ion Ratio Lower Upper

237 100

235 64.0 50.4 90.4

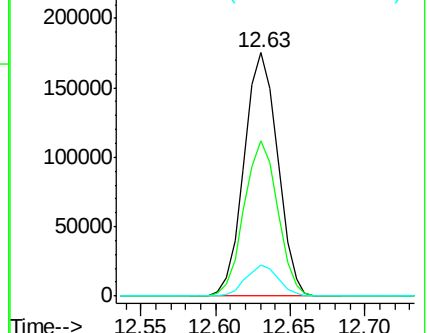
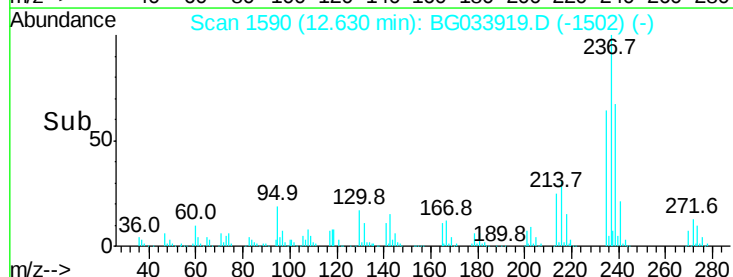
272 12.7 0.0 31.8

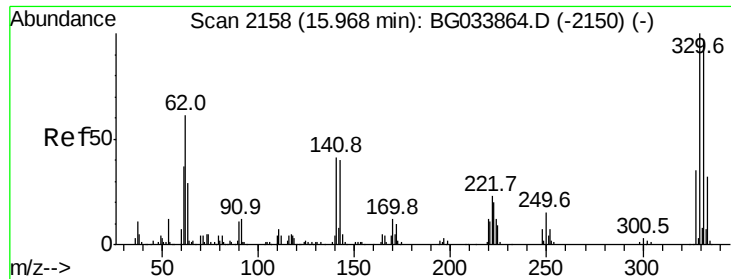


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

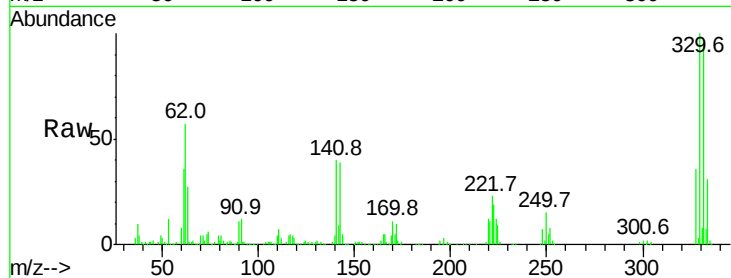




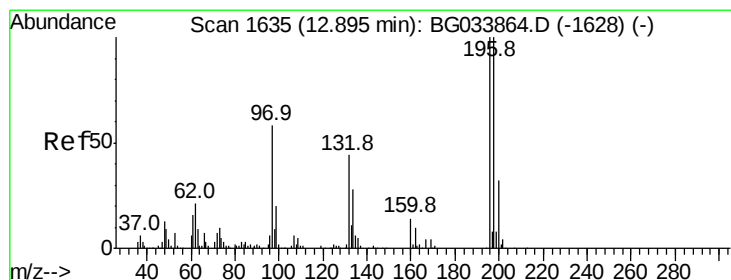
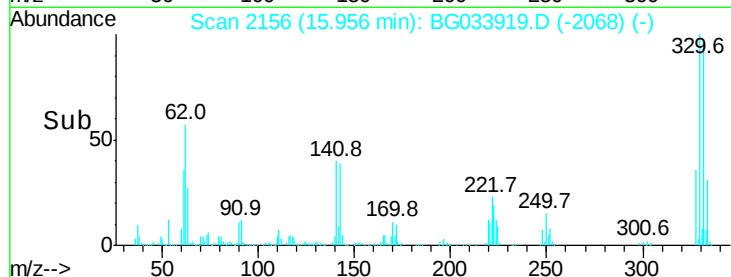
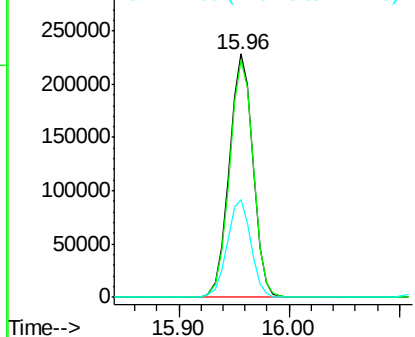
#41
 2,4,6-Tribromophenol
 Concen: 135.904 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 344687
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 40.1 25.2 37.8#

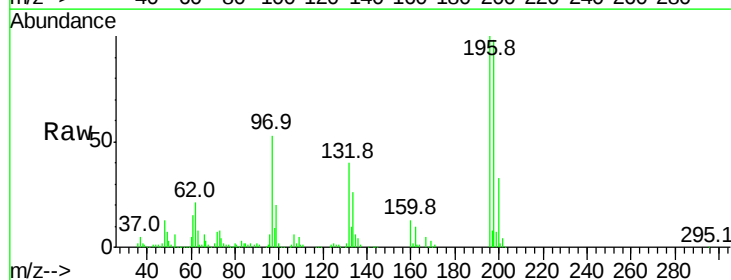


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

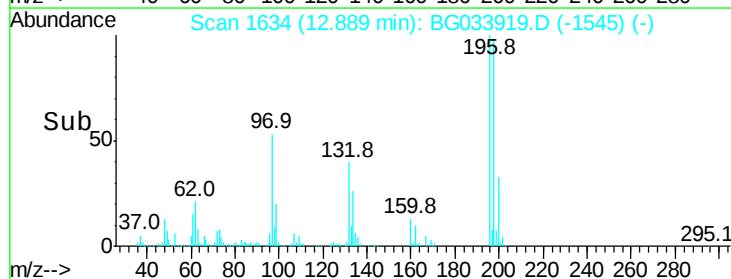
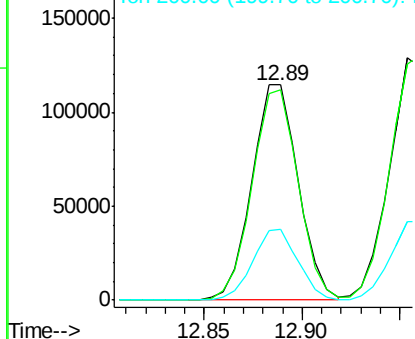


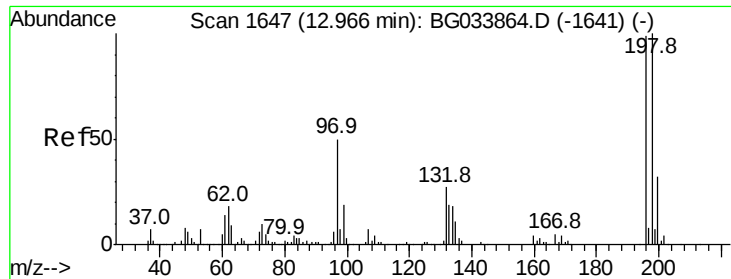
#42
 2,4,6-Trichlorophenol
 Concen: 42.784 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion:196 Resp: 188309
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.2 117.2
 200 35.2 24.6 36.8



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

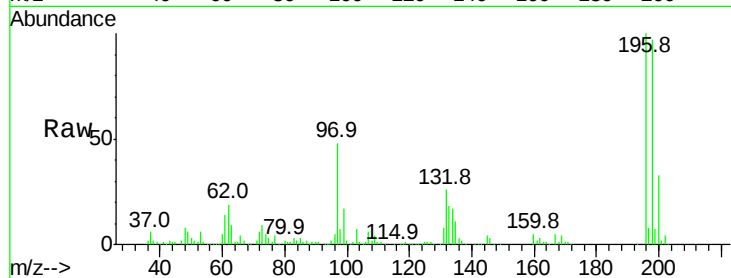




#43
 2,4,5-Trichlorophenol
 Concen: 42.037 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.2	114.4
97	47.6	38.7	58.1
132	25.9	20.2	30.2



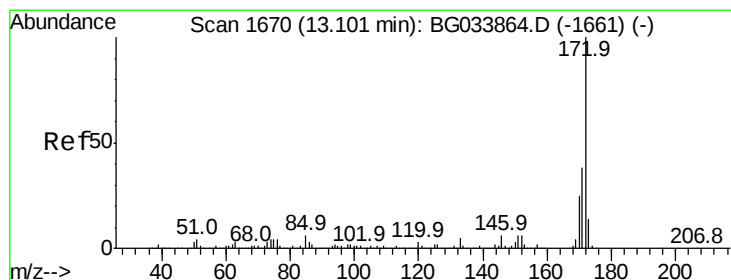
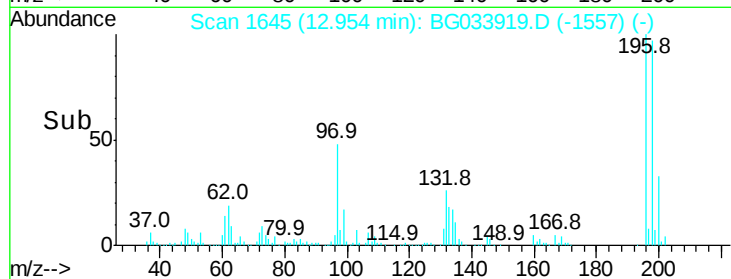
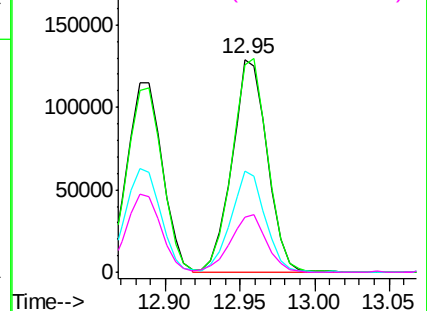
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

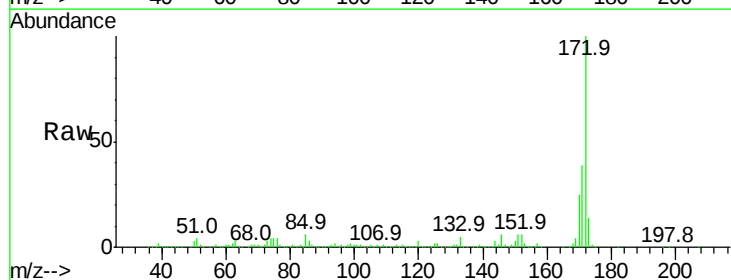
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.167 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	25.4	19.5	29.3

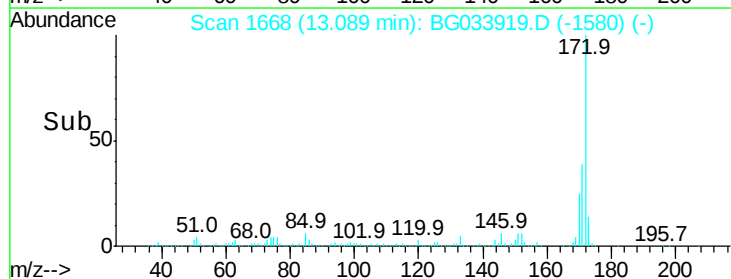
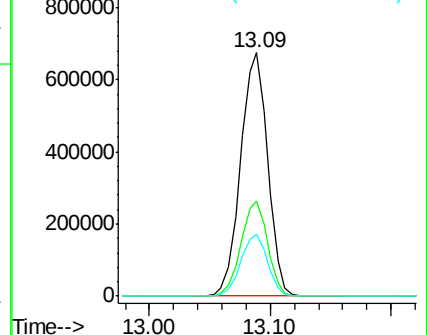


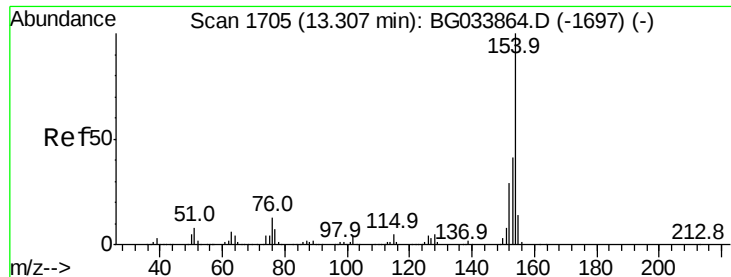
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.549 ng

RT: 13.29 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

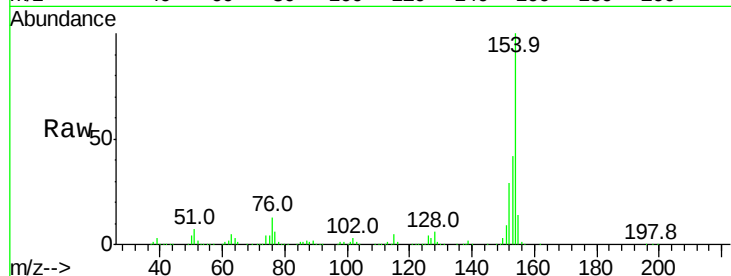
Tot Ion:154 Resp: 607986

Ion Ratio Lower Upper

154 100

153 41.5 19.8 59.8

76 12.5 0.0 31.9

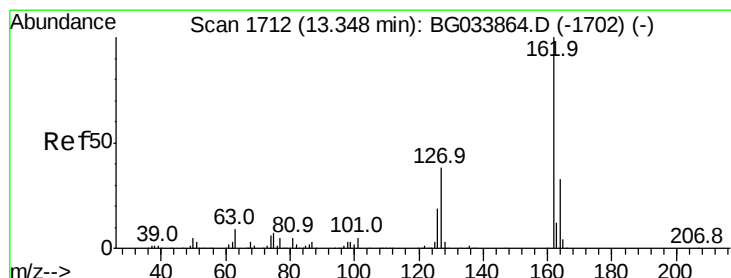
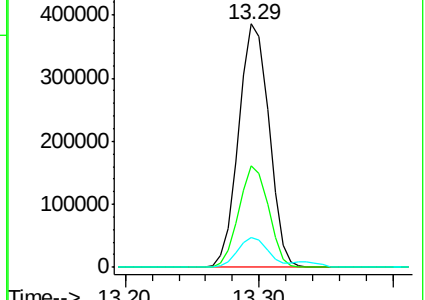
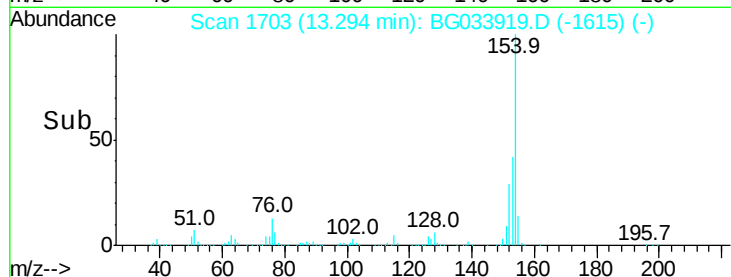


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B

Time--> 13.20 13.30



#46

2-Chloronaphthalene

Concen: 35.011 ng

RT: 13.34 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

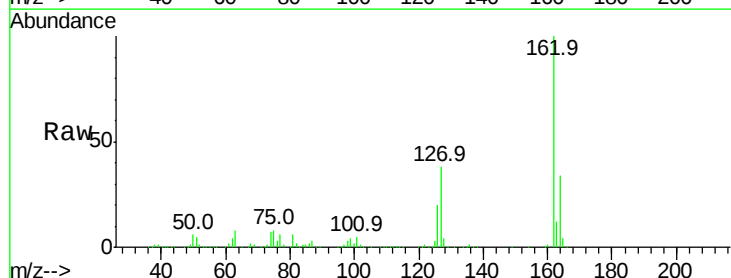
Tgt Ion:162 Resp: 467169

Ion Ratio Lower Upper

162 100

127 38.4 30.7 46.1

164 33.7 26.0 39.0

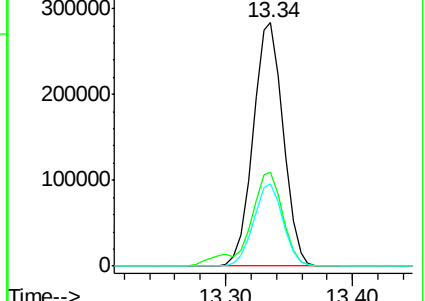
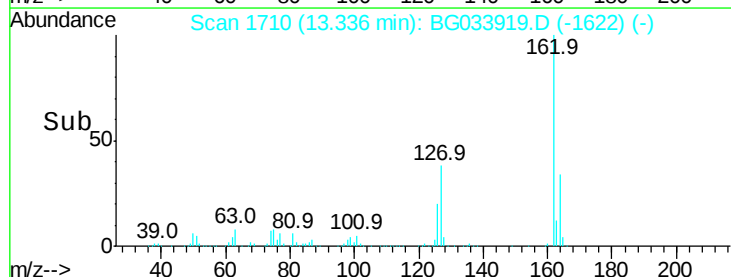


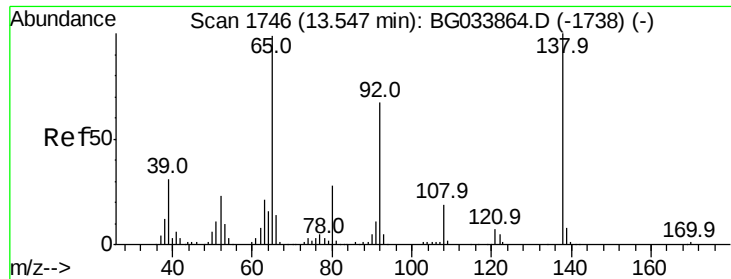
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time--> 13.30 13.40





#47

2-Nitroaniline

Concen: 41.964 ng

RT: 13.54 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

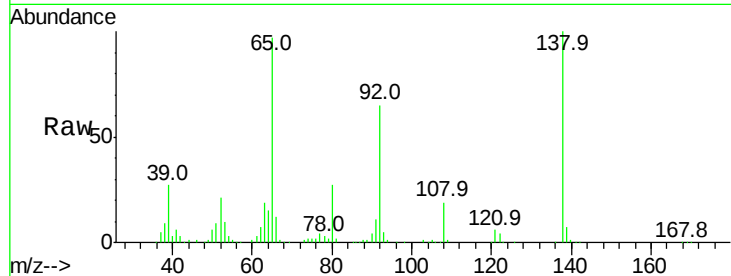
Tot Ion: 65 Resp: 174833

Ion Ratio Lower Upper

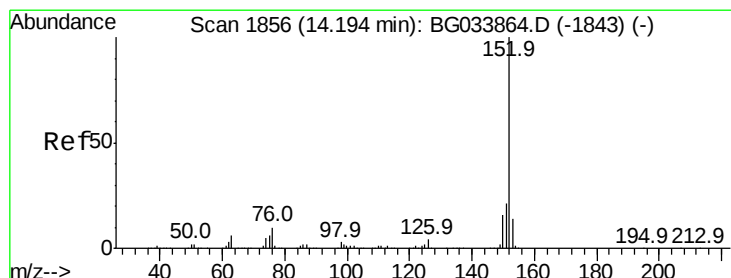
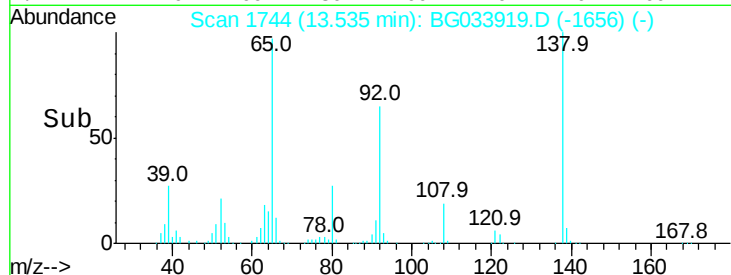
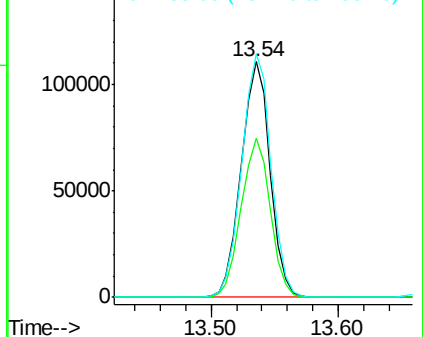
65 100

92 67.4 54.6 82.0

138 103.2 72.9 109.3



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



#48

Acenaphthylene

Concen: 34.395 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

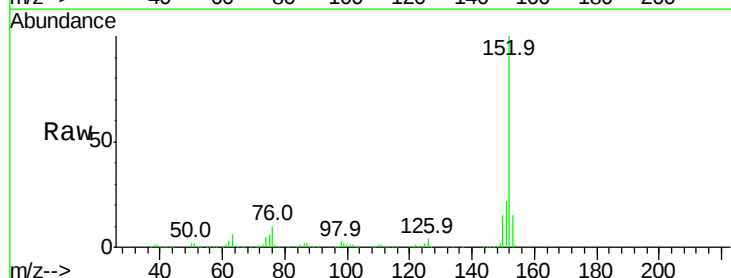
Tgt Ion: 152 Resp: 762895

Ion Ratio Lower Upper

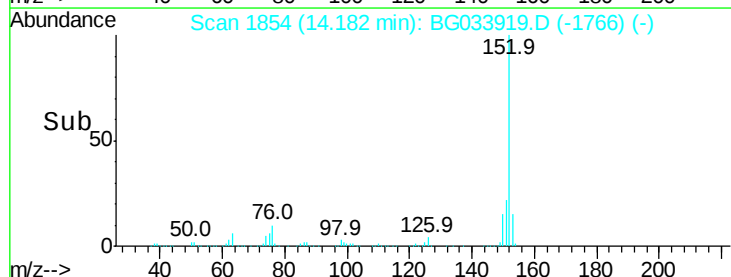
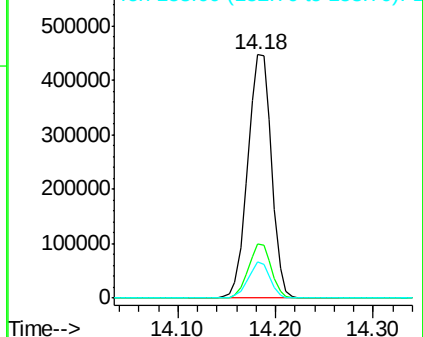
152 100

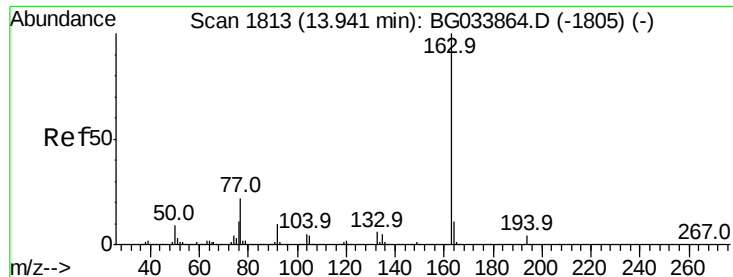
151 22.2 17.2 25.8

153 14.7 10.2 15.4



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

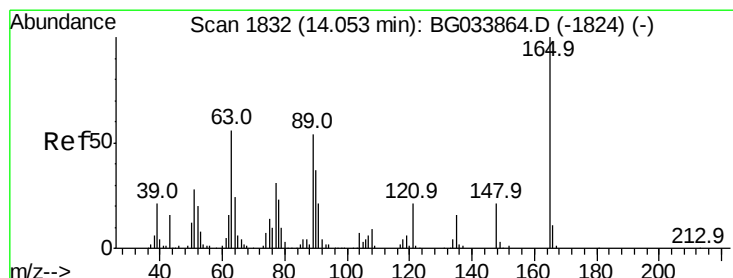
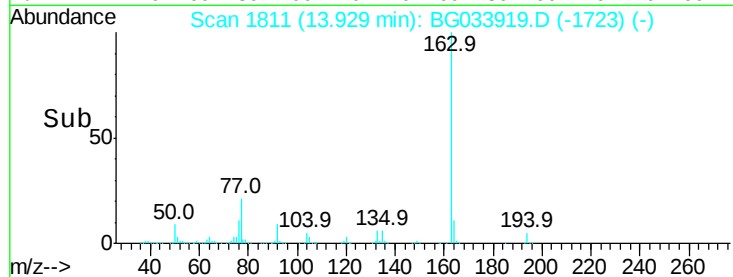
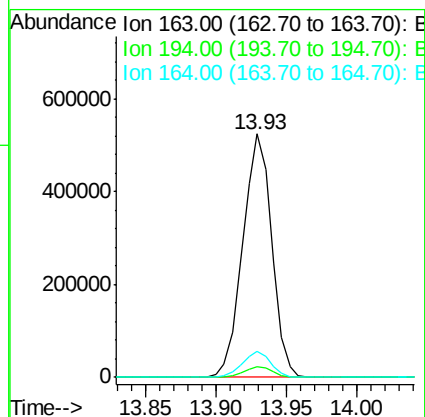
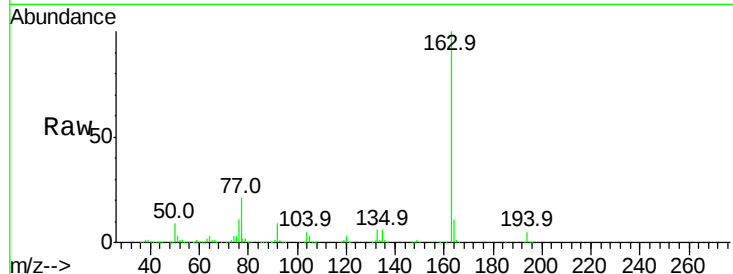




#49
Dimethylphthalate
Concen: 39.314 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

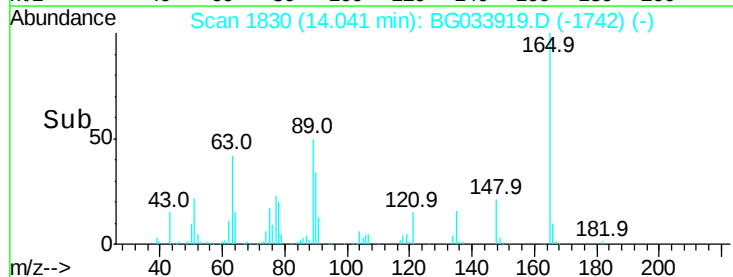
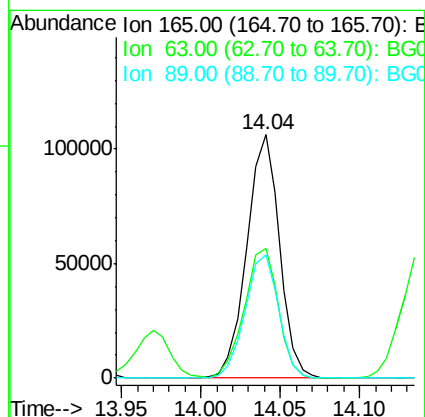
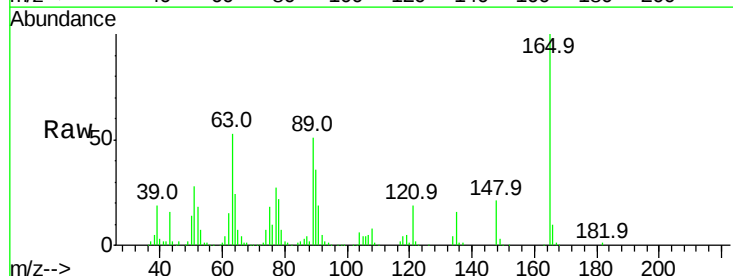
Instrument :
BNA_G
ClientSampleId :

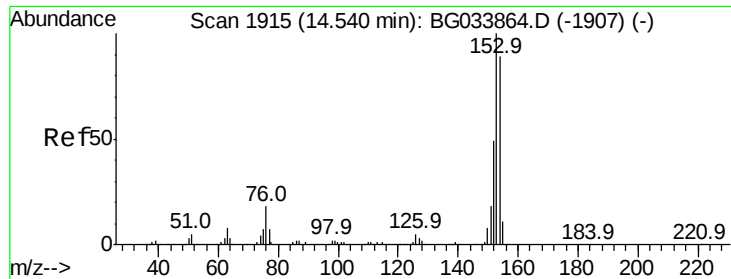
Tot Ion:163 Resp: 751811
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.6 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 41.974 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion:165 Resp: 152113
Ion Ratio Lower Upper
165 100
63 53.3 52.7 79.1
89 50.8 49.2 73.8





#51

Acenaphthene

Concen: 33.915 ng

RT: 14.53 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

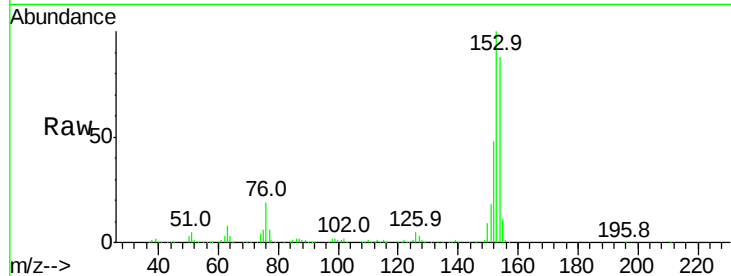
Tot Ion:154 Resp: 472552

Ion Ratio Lower Upper

154 100

153 113.4 90.4 135.6

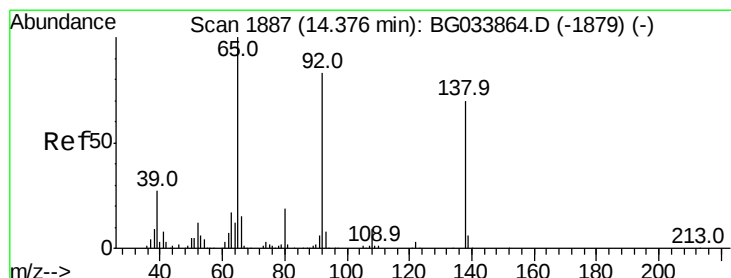
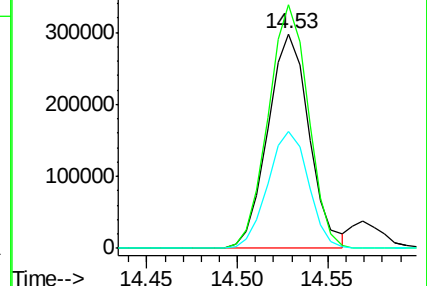
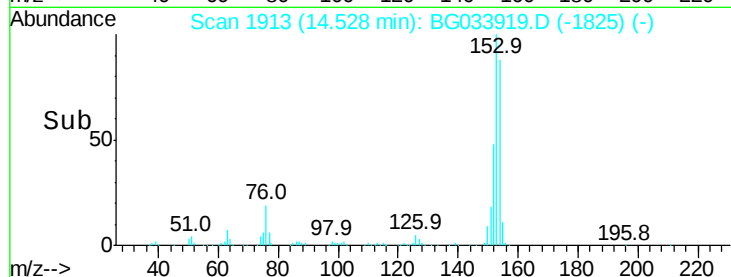
152 54.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.760 ng

RT: 14.36 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

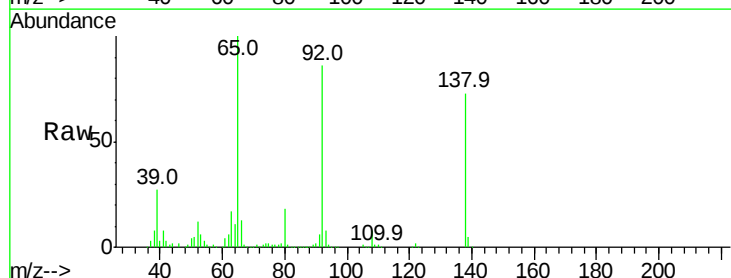
Tgt Ion:138 Resp: 109238

Ion Ratio Lower Upper

138 100

108 11.5 17.5 26.3#

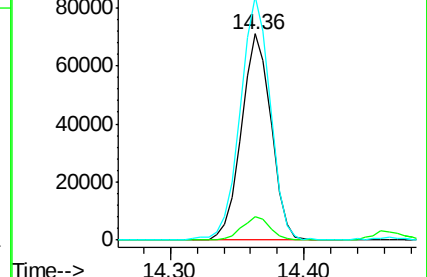
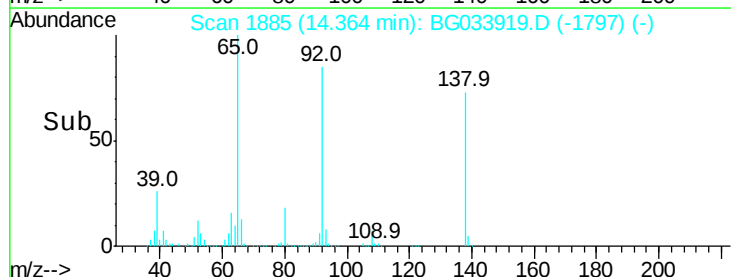
92 118.0 105.8 158.8

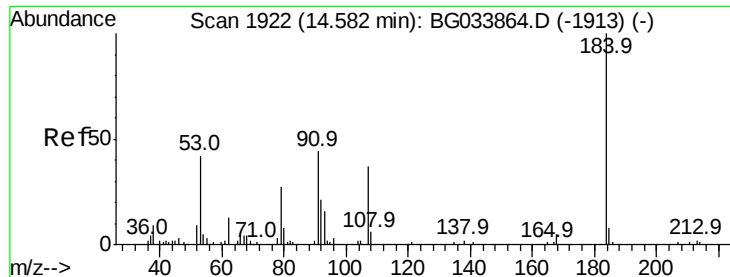


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

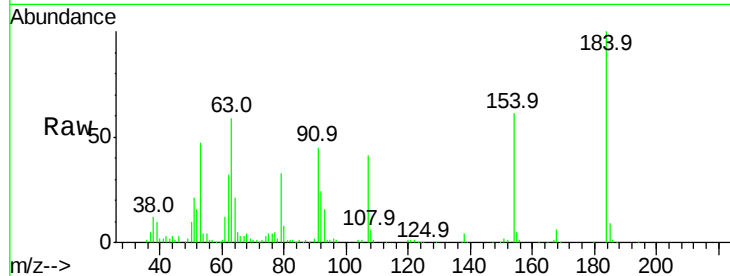




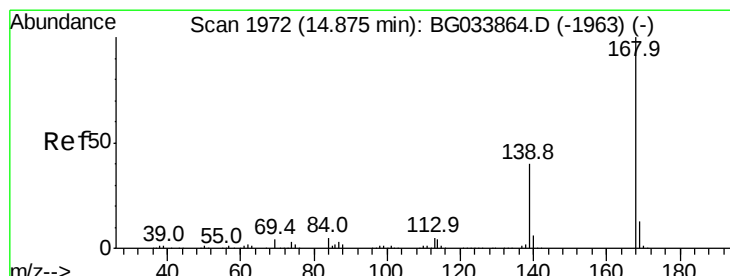
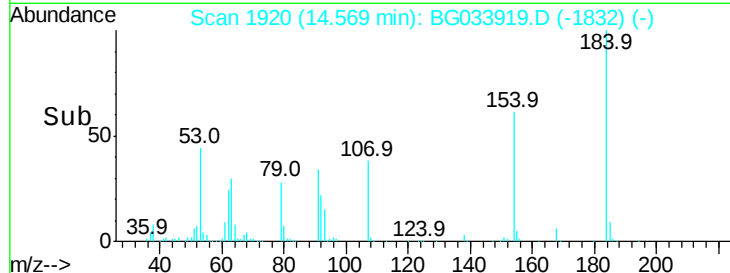
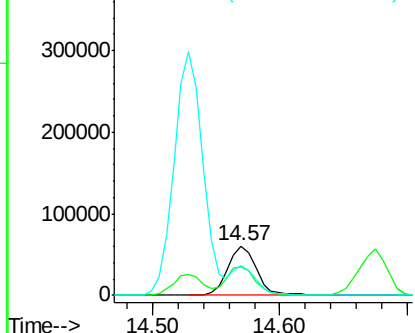
#53
2,4-Dinitrophenol
Concen: 73.809 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 95660
Ion Ratio Lower Upper
184 100
63 58.9 59.8 89.8#
154 61.5 101.8 152.8#

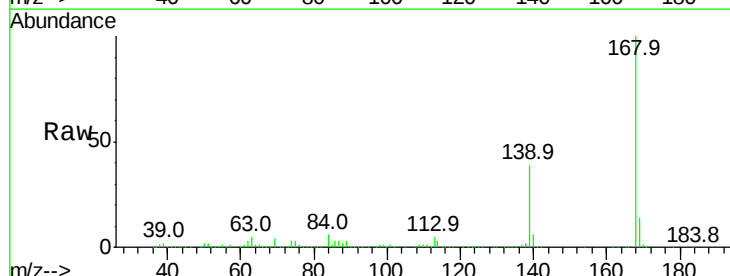


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

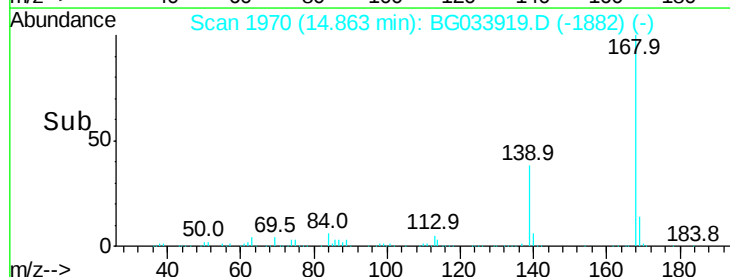
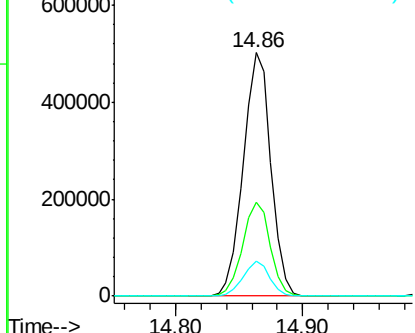


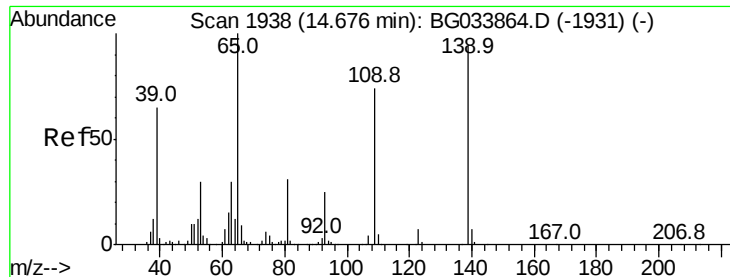
#54
Dibenzofuran
Concen: 36.624 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion:168 Resp: 756554
Ion Ratio Lower Upper
168 100
139 38.7 28.6 43.0
169 14.5 11.2 16.8



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

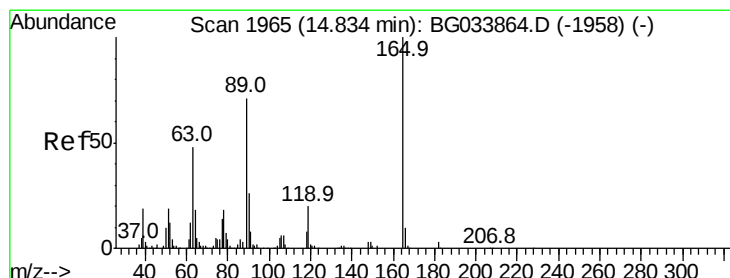
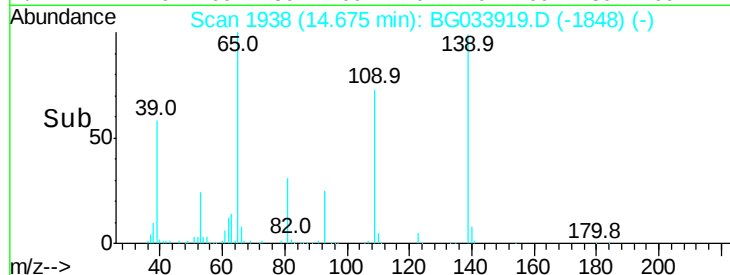
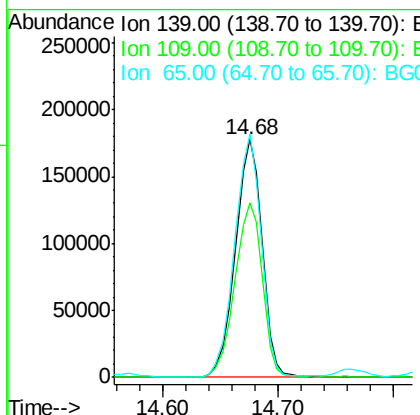
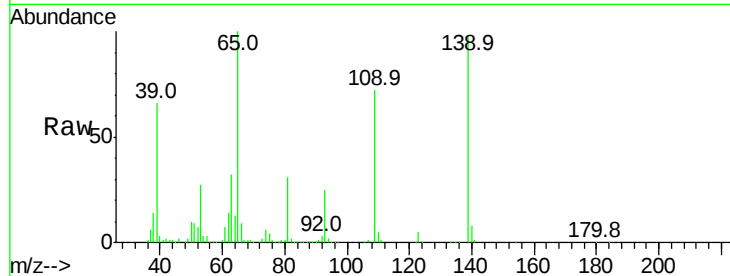




#55
4-Nitrophenol
Concen: 92.346 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

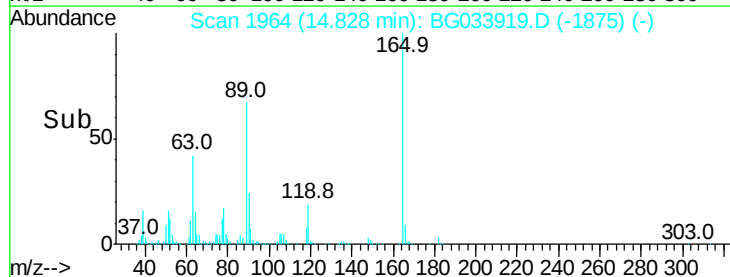
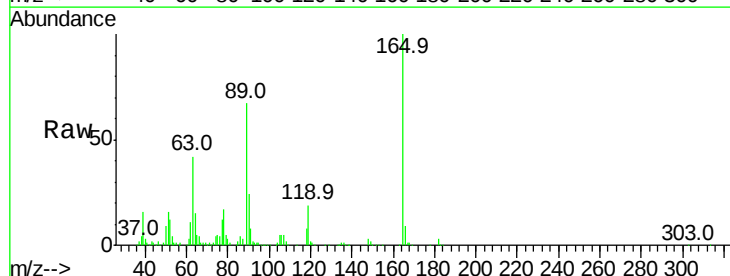
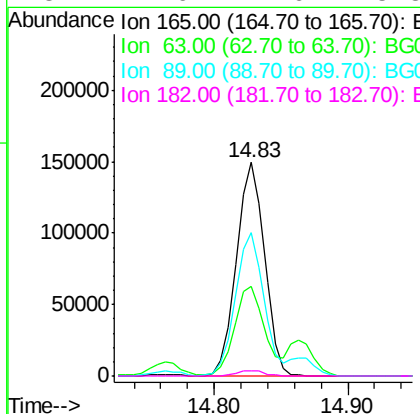
Instrument :
BNA_G
ClientSampleId :

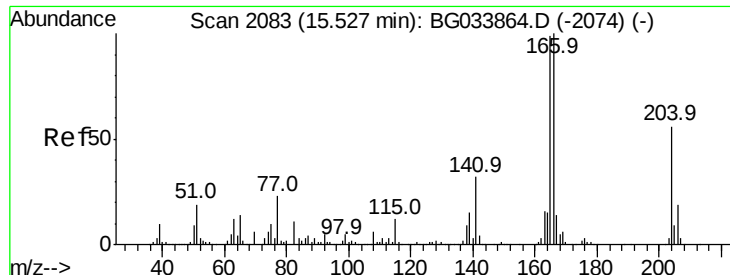
Tot Ion:139 Resp: 285006
Ion Ratio Lower Upper
139 100
109 73.4 62.2 102.2
65 102.2 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 45.307 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion:165 Resp: 218341
Ion Ratio Lower Upper
165 100
63 41.7 42.0 63.0#
89 67.0 66.9 100.3
182 2.6 2.6 3.8

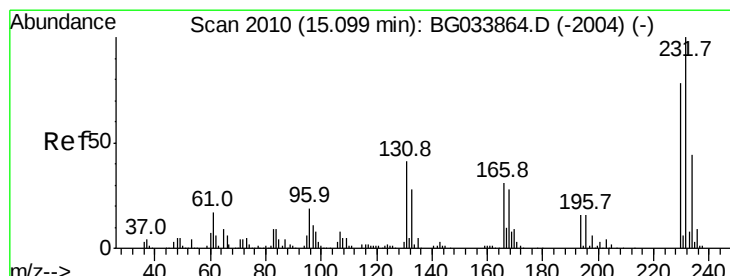
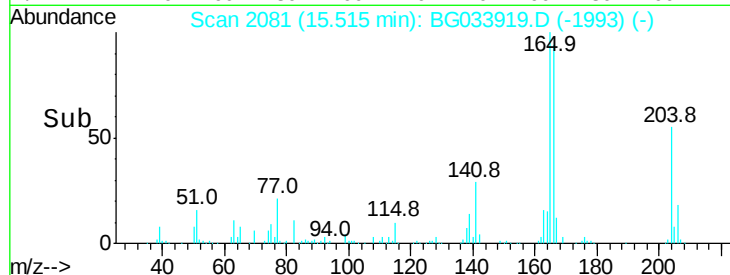
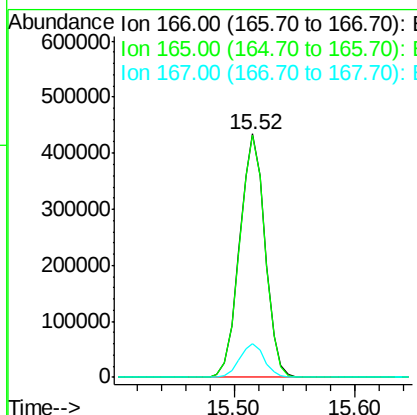
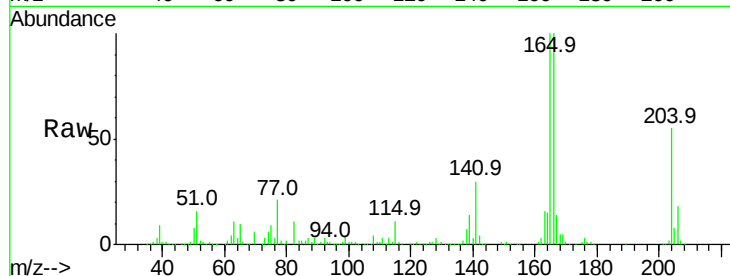




#57
Fluorene
 Concen: 35.465 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

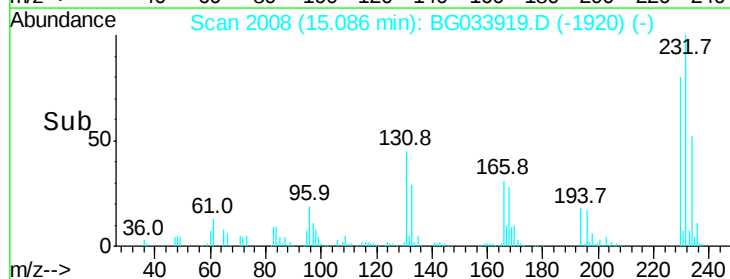
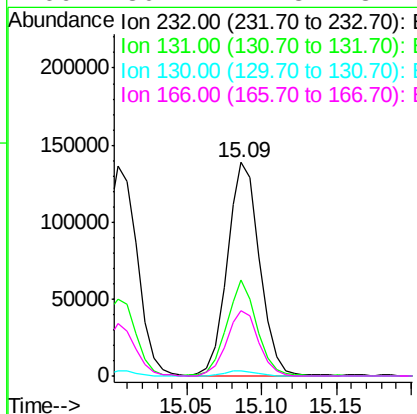
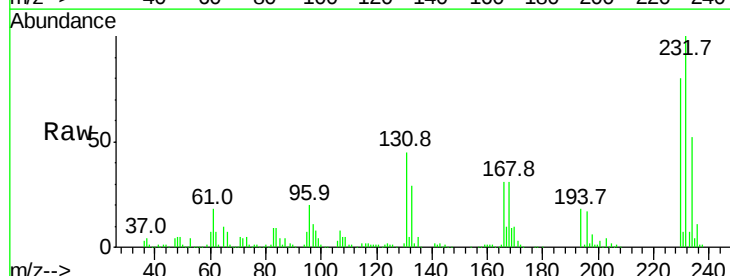
Instrument :
 BNA_G
 ClientSampled :

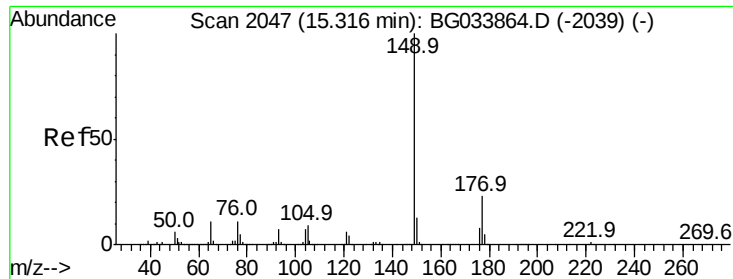
Tot Ion:	166	Resp:	633965
Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.6	121.0
167	14.0	10.4	15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.325 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion:	232	Resp:	209988
Ion	Ratio	Lower	Upper
232	100		
131	41.3	33.5	50.3
130	2.5	2.2	3.2
166	30.2	24.8	37.2

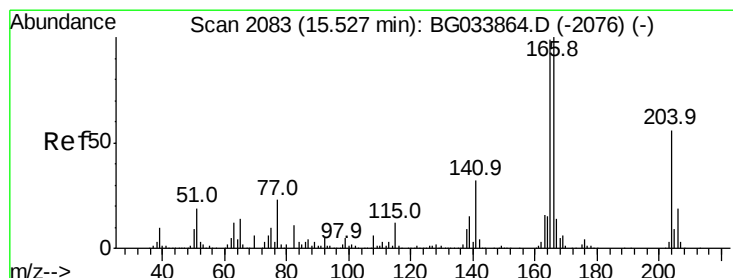
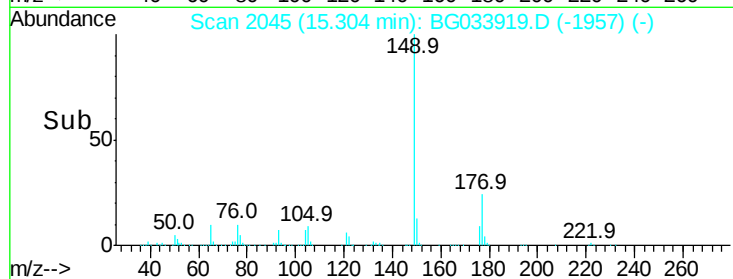
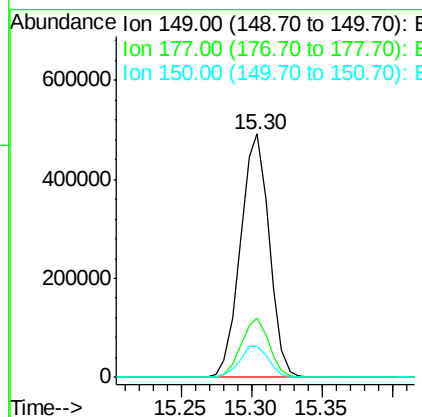
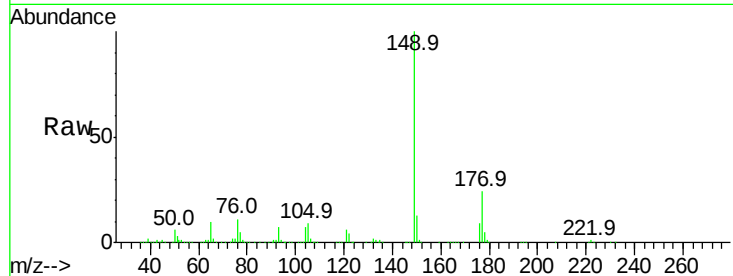




#59
Diethylphthalate
Concen: 34.603 ng
RT: 15.30 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

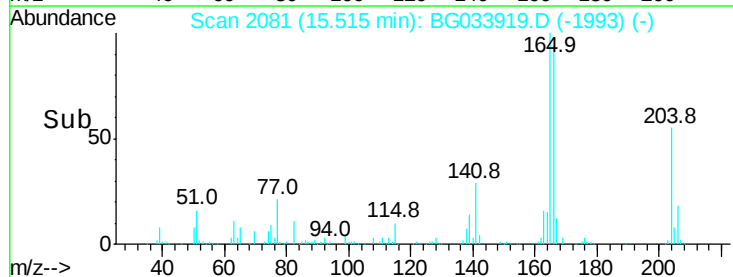
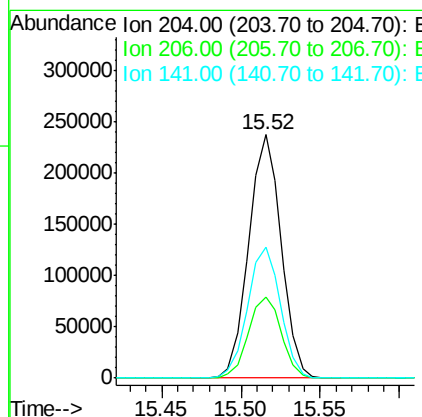
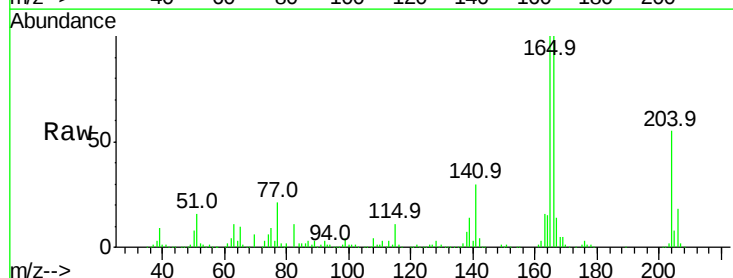
Instrument :
BNA_G
ClientSampleId :

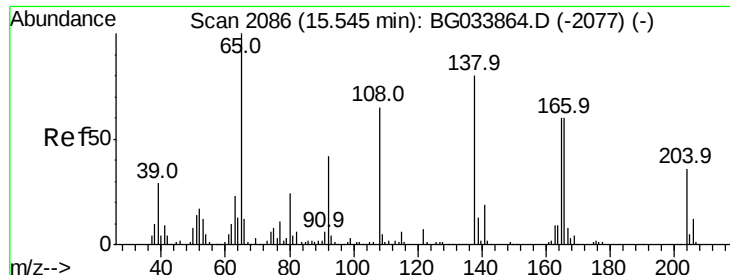
Tot Ion:149 Resp: 699430
Ion Ratio Lower Upper
149 100
177 24.2 18.5 27.7
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.049 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion:204 Resp: 337049
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 54.0 45.8 68.6

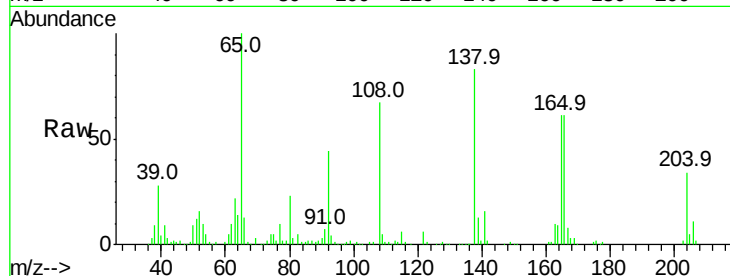




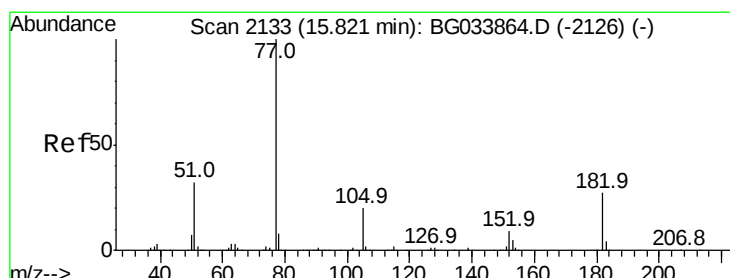
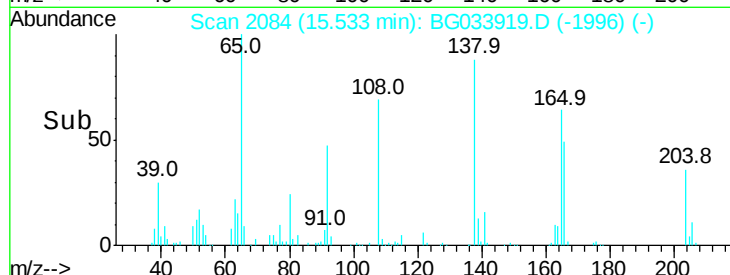
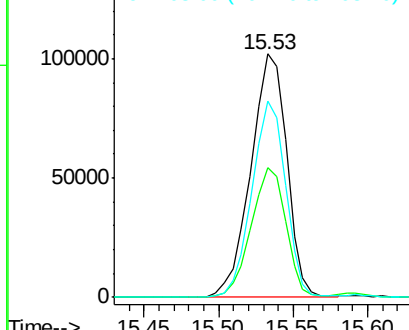
#61
4-Nitroaniline
Concen: 40.653 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 169854
Ion Ratio Lower Upper
138 100
92 53.3 40.1 80.1
108 80.7 65.4 105.4

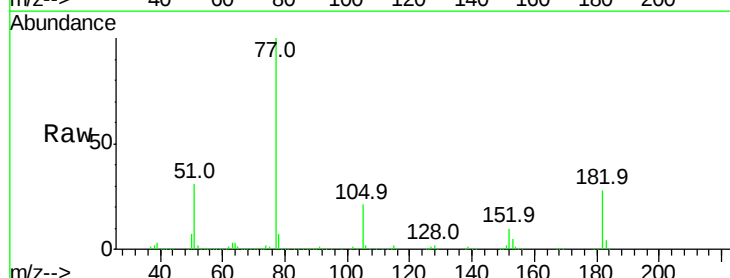


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

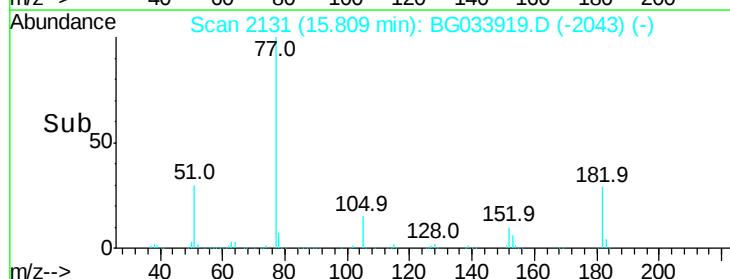
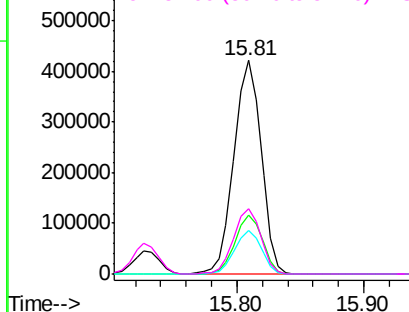


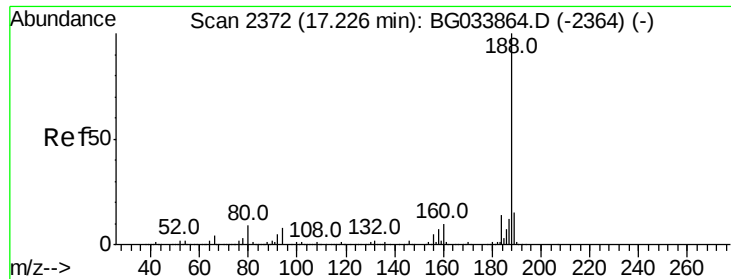
#62
Azobenzene
Concen: 34.665 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion: 77 Resp: 624610
Ion Ratio Lower Upper
77 100
182 27.6 7.4 47.4
105 20.6 0.3 40.3
51 30.6 11.6 51.6



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2370

Delta R.T. -0.01 min

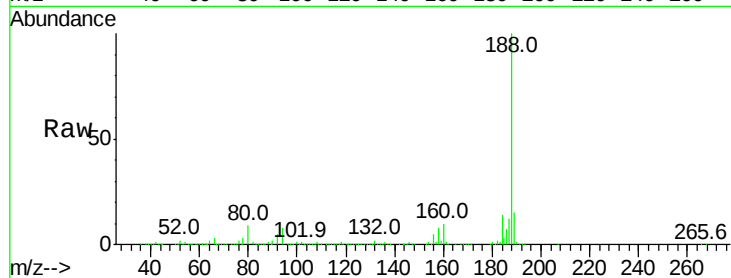
Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 554644

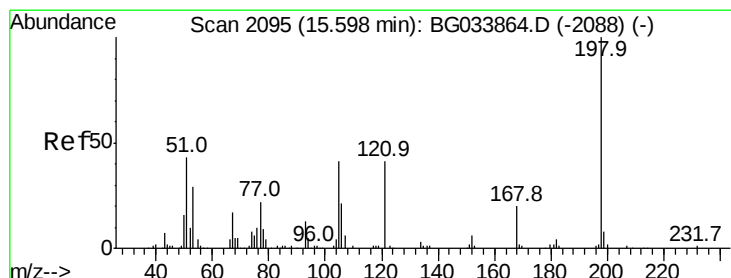
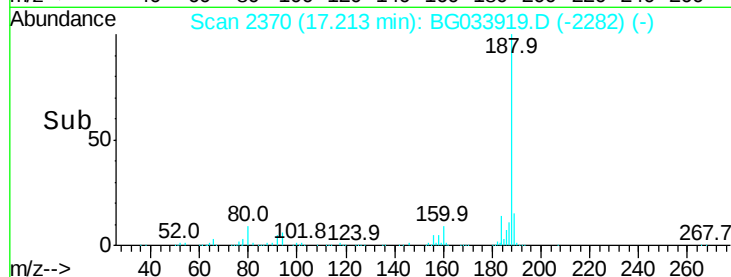
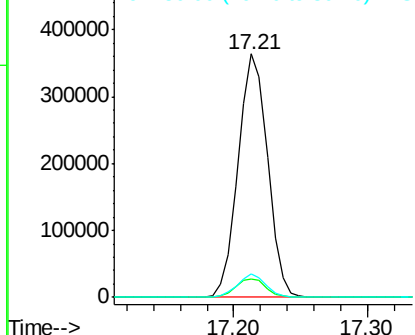
Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	9.4	7.7	11.5



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: 39.264 ng

RT: 15.59 min Scan# 2094

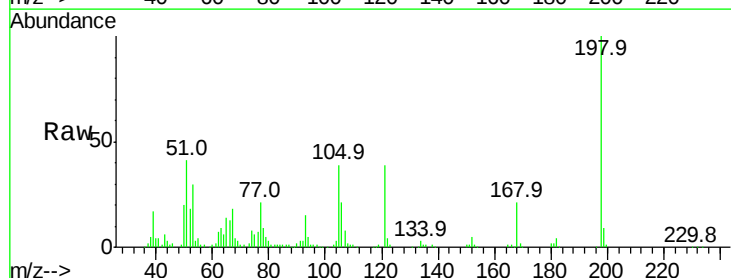
Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tgt Ion:198 Resp: 101219

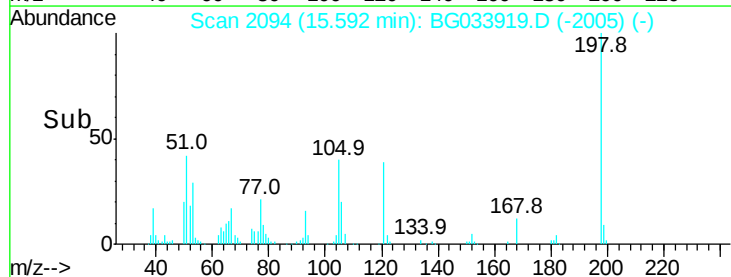
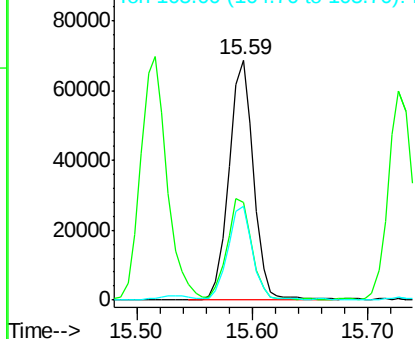
Ion	Ratio	Lower	Upper
198	100		
51	40.9	30.6	70.6
105	39.3	23.8	63.8

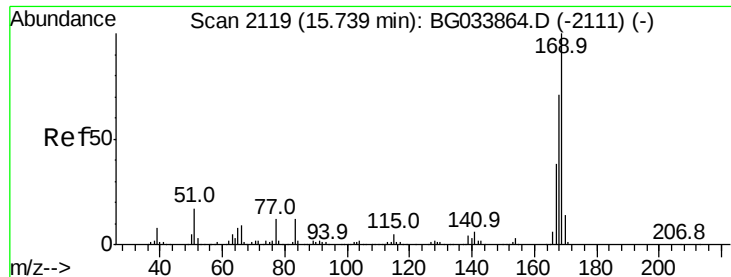


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.408 ng

RT: 15.73 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

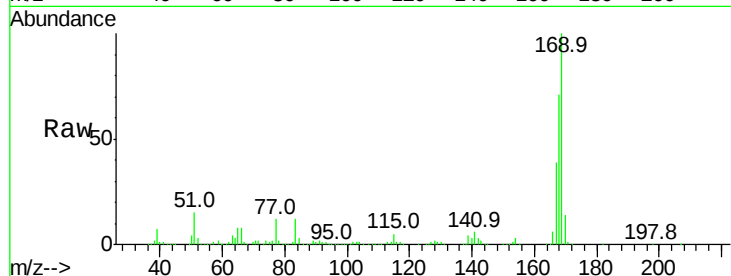
Tot Ion:169 Resp: 570965

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

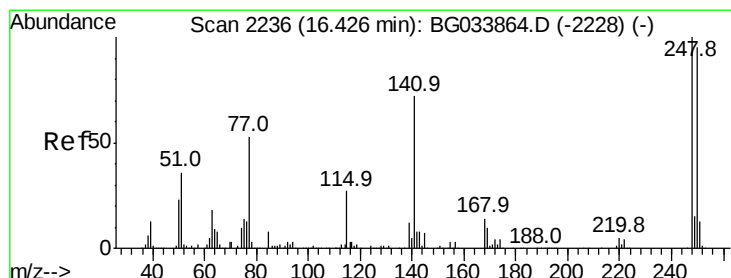
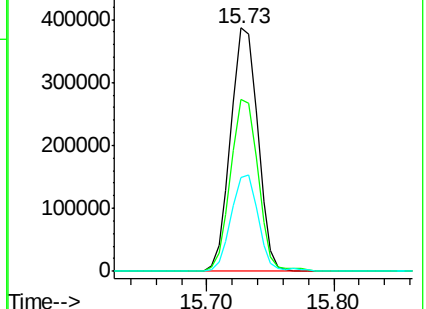
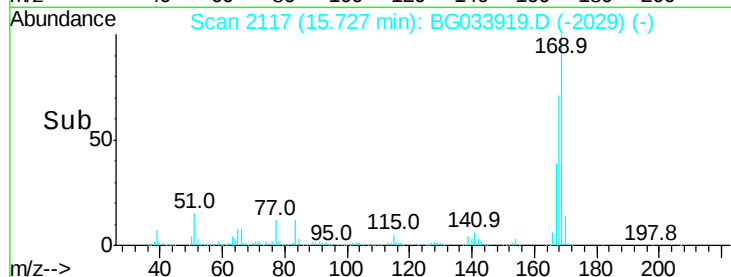
167 38.5 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.754 ng

RT: 16.41 min Scan# 2233

Delta R.T. -0.02 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

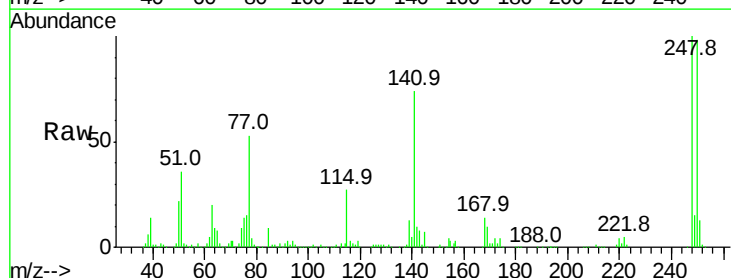
Tgt Ion:248 Resp: 217784

Ion Ratio Lower Upper

248 100

250 98.2 77.1 115.7

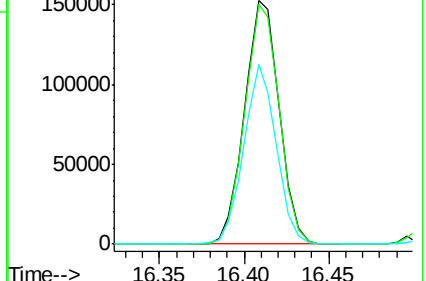
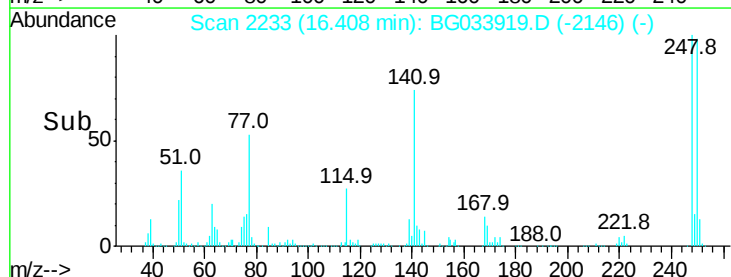
141 73.6 50.8 76.2

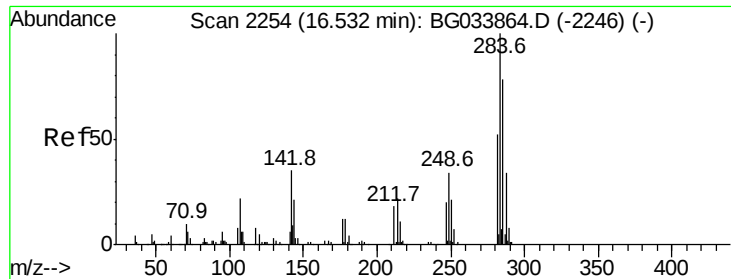


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.599 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

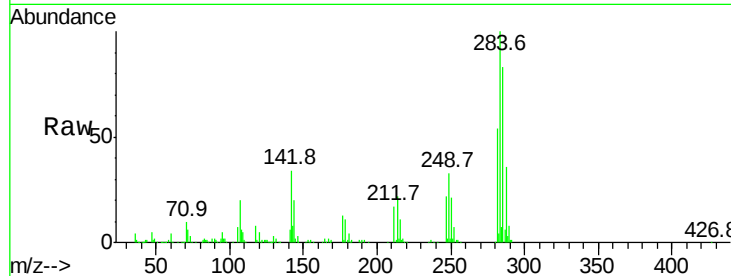
Tot Ion:284 Resp: 224755

Ion	Ratio	Lower	Upper
284	100		
142	33.7	26.8	40.2
249	35.7	26.3	39.5

284 100

142 33.7 26.8 40.2

249 35.7 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

200000

150000

100000

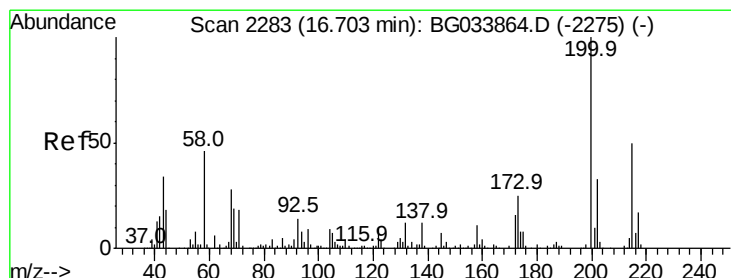
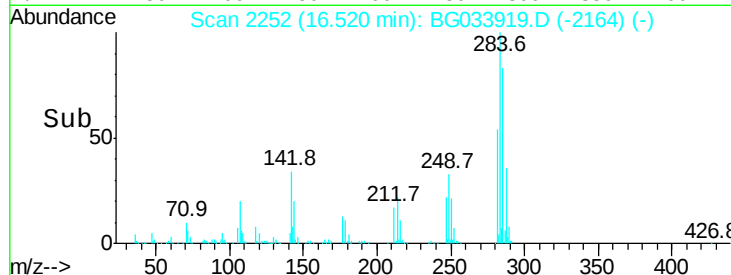
50000

0

16.45 16.50 16.55

16.52

Time-->



#68

Atrazine

Concen: 38.993 ng

RT: 16.68 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

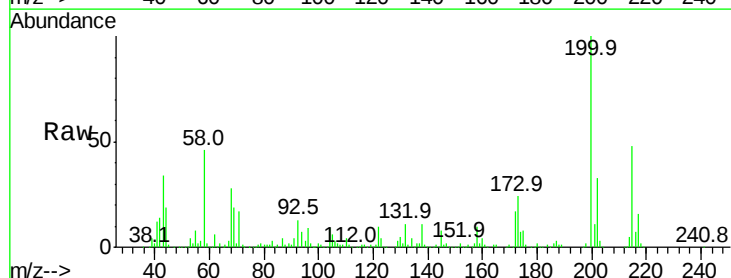
Tgt Ion:200 Resp: 246326

Ion	Ratio	Lower	Upper
200	100		
173	24.5	5.2	45.2
215	47.7	30.4	70.4

200 100

173 24.5 5.2 45.2

215 47.7 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

250000

200000

150000

100000

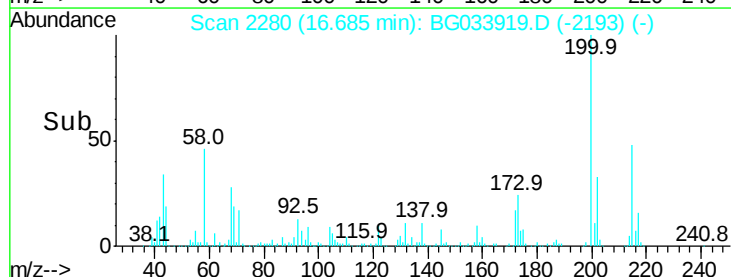
50000

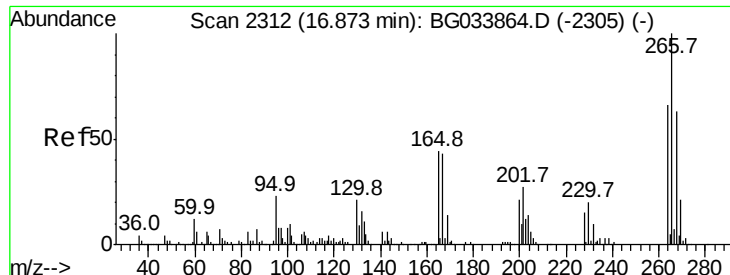
0

16.65 16.70 16.75

16.68

Time-->





#69

Pentachlorophenol

Concen: 67.048 ng

RT: 16.86 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

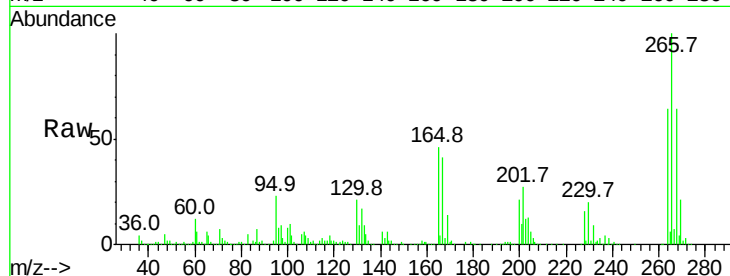
Tot Ion:266 Resp: 299169

Ion Ratio Lower Upper

266 100

268 4.4 51.1 76.7#

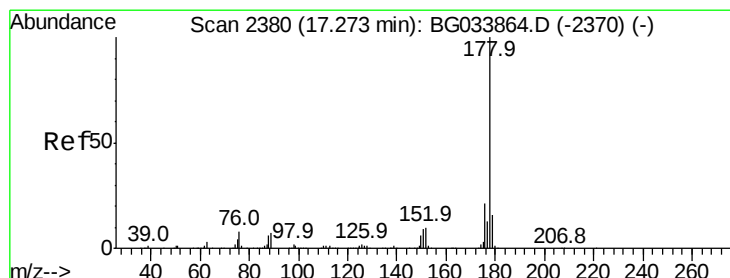
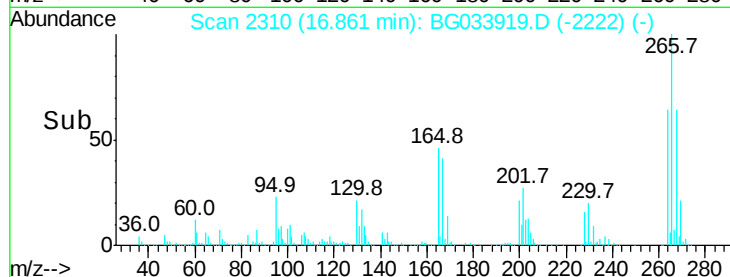
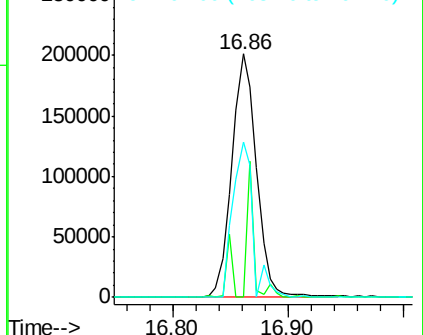
264 69.2 49.6 74.4



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: 34.523 ng

RT: 17.26 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

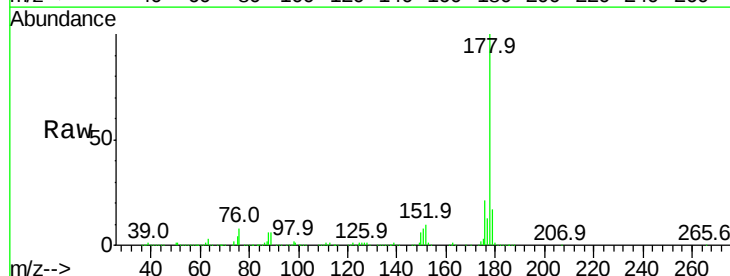
Tgt Ion:178 Resp: 1027205

Ion Ratio Lower Upper

178 100

176 20.5 15.7 23.5

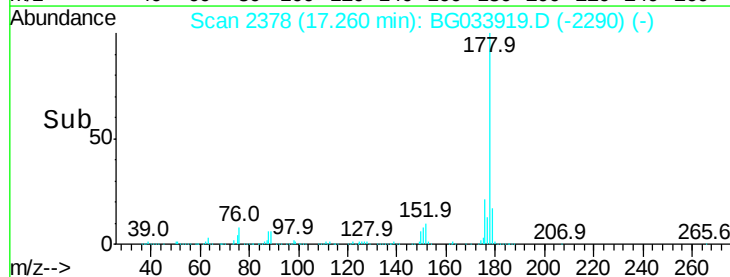
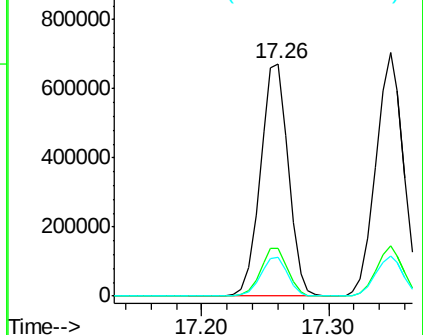
179 16.5 12.5 18.7

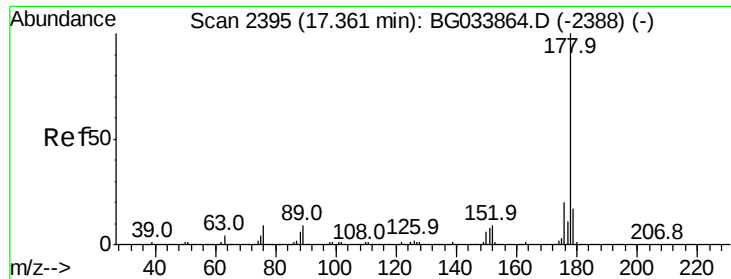


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 35.636 ng

RT: 17.35 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

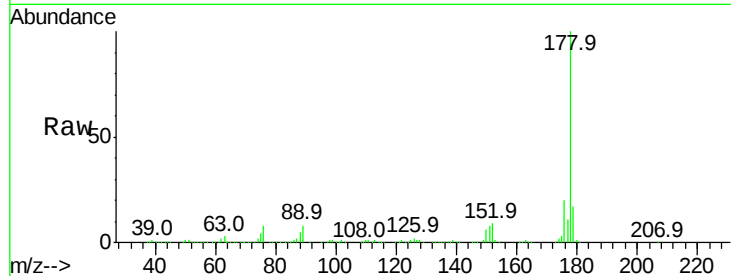
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1060365

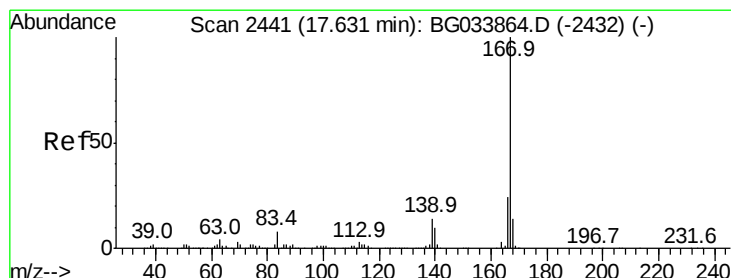
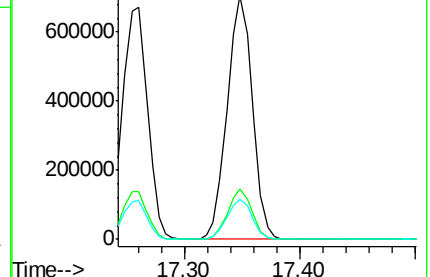
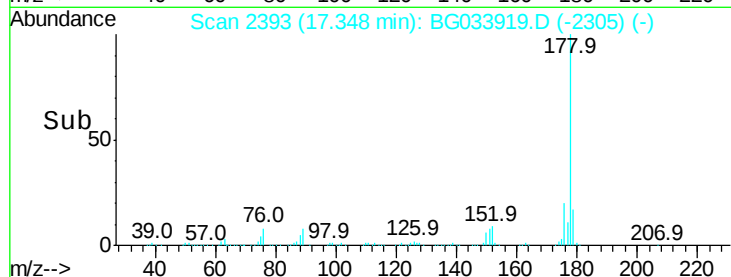
Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	16.5	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.321 ng

RT: 17.62 min Scan# 2439

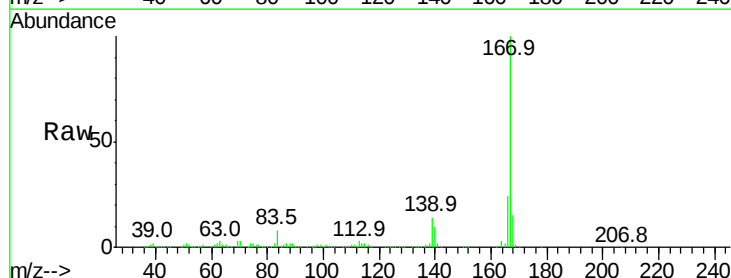
Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tgt Ion:167 Resp: 985232

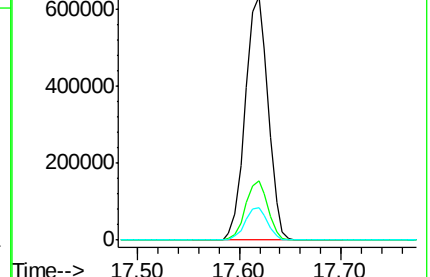
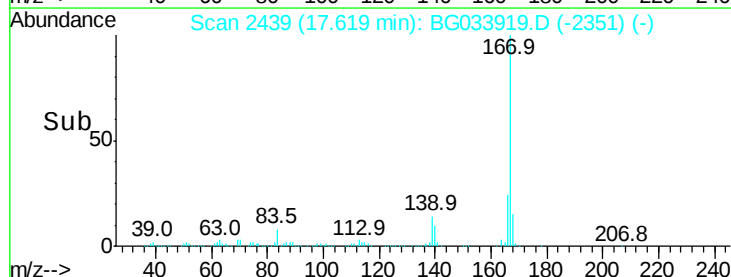
Ion	Ratio	Lower	Upper
167	100		
166	24.3	18.2	27.4
139	13.5	9.4	14.2

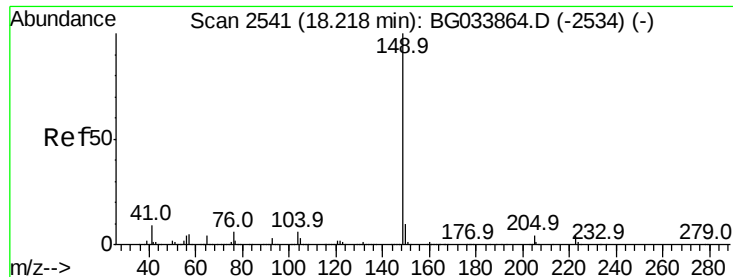


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

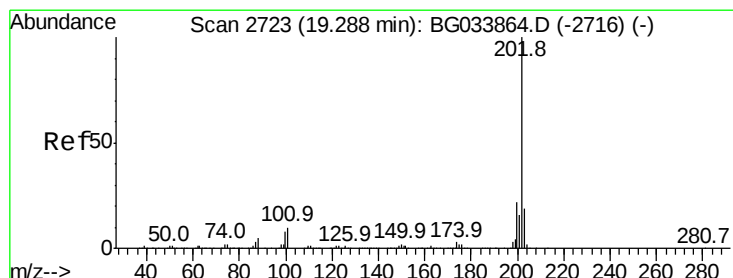
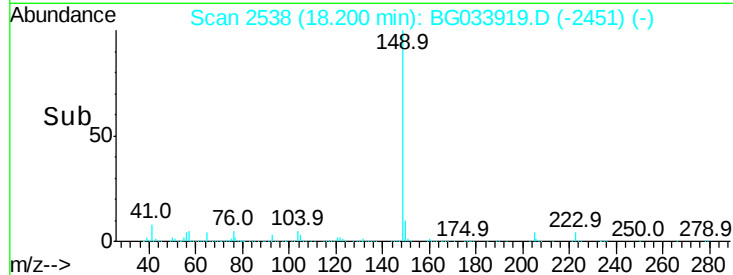
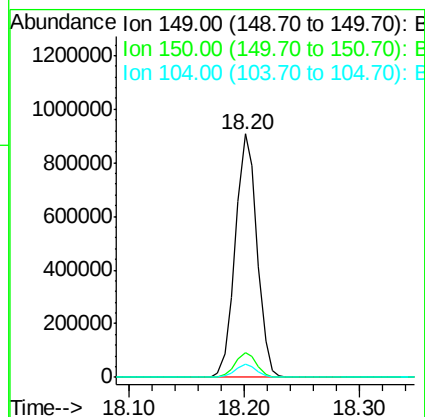
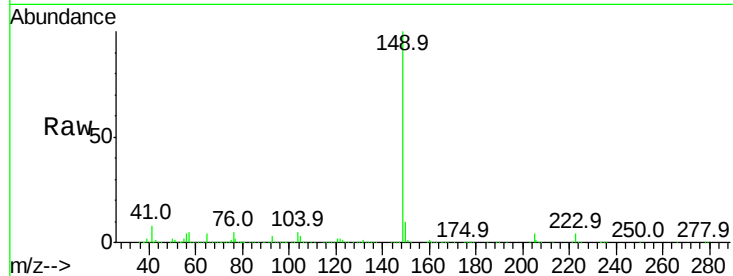




#73
Di-n-butylphthalate
Concen: 33.001 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

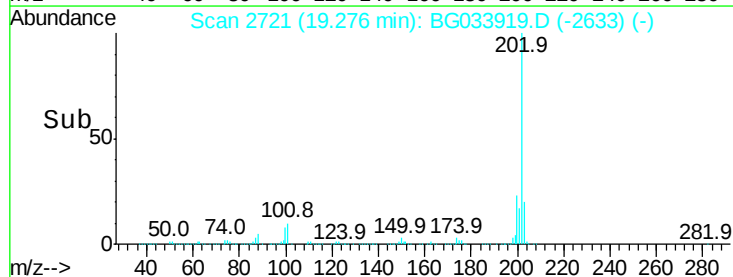
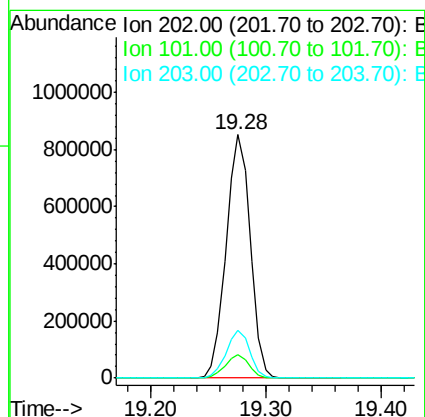
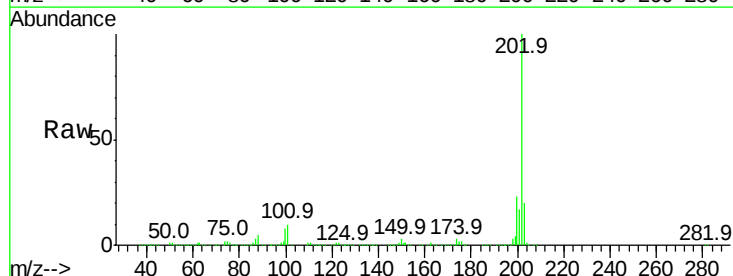
Instrument :
BNA_G
ClientSampleId :

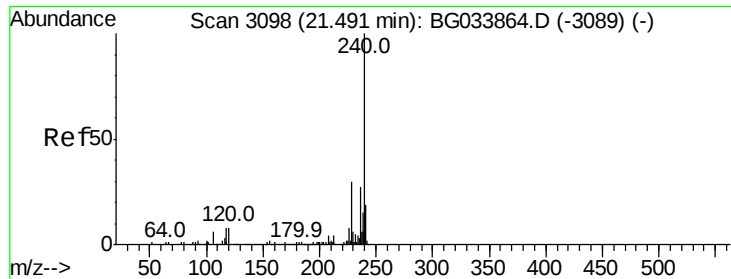
Tot Ion:149 Resp: 1178530
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 5.3 3.9 5.9



#74
Fluoranthene
Concen: 34.180 ng
RT: 19.28 min Scan# 2721
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion:202 Resp: 1230232
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.9
203 19.9 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

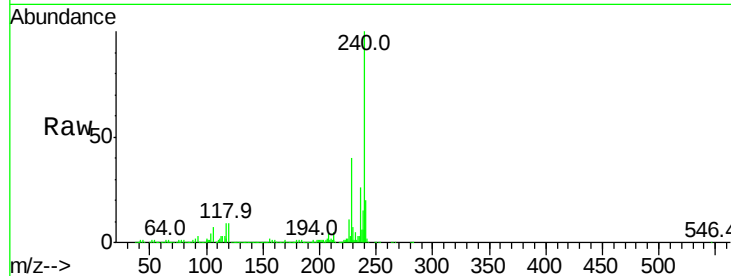
Tot Ion:240 Resp: 549285

Ion Ratio Lower Upper

240 100

120 9.0 6.8 10.2

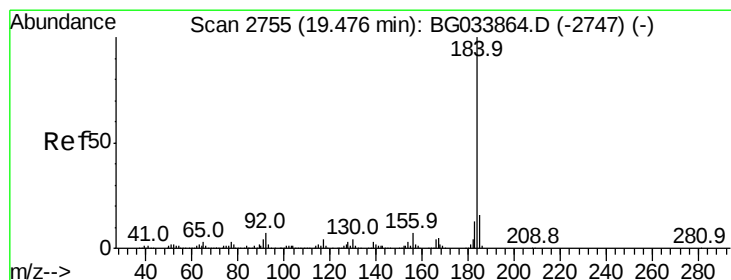
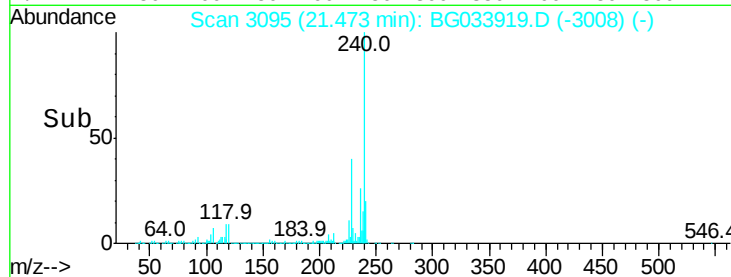
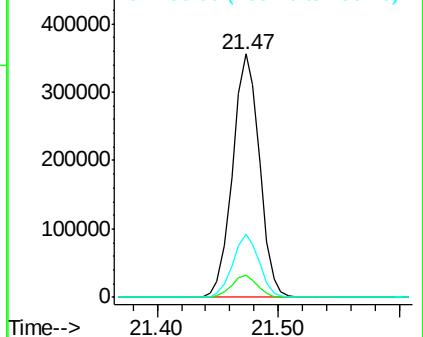
236 25.8 20.9 31.3



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: 28.447 ng

RT: 19.46 min Scan# 2752

Delta R.T. -0.02 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

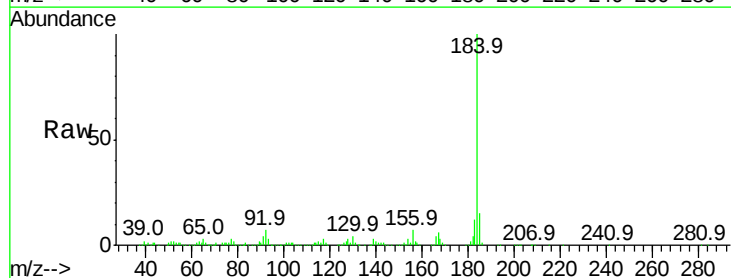
Tgt Ion:184 Resp: 421942

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

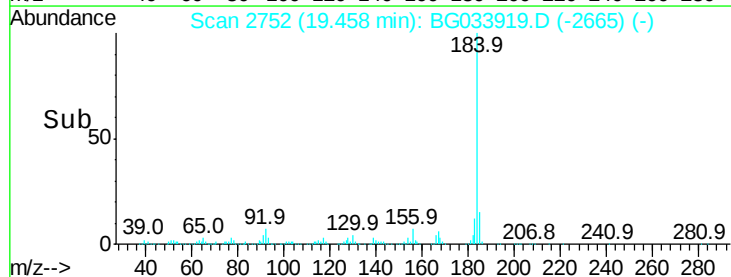
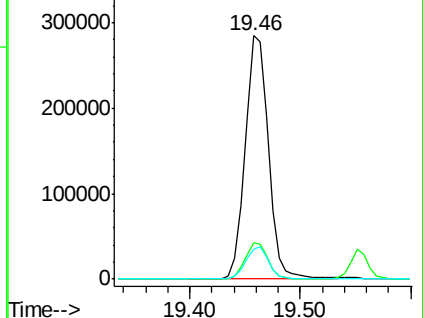
183 12.5 10.6 16.0

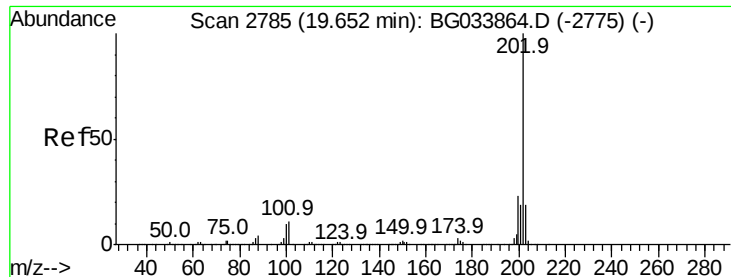


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.001 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

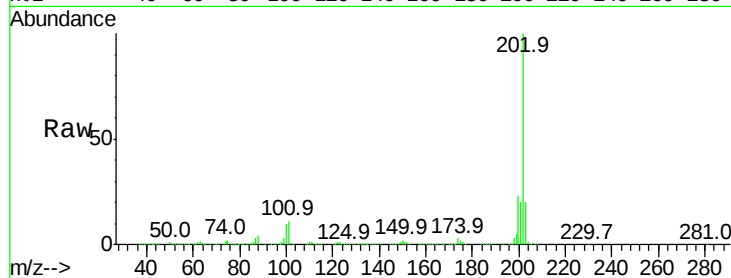
Tot Ion:202 Resp: 1224951

Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.9	25.3
203	19.9	13.9	20.9

202 100

200 23.3 16.9 25.3

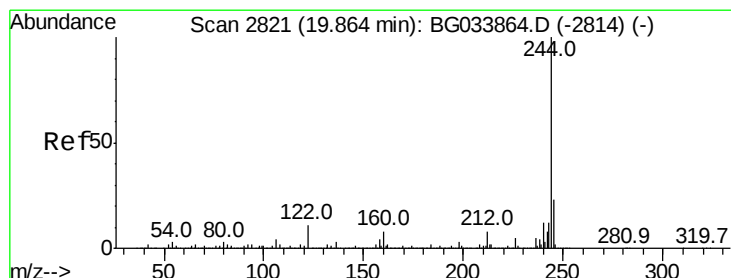
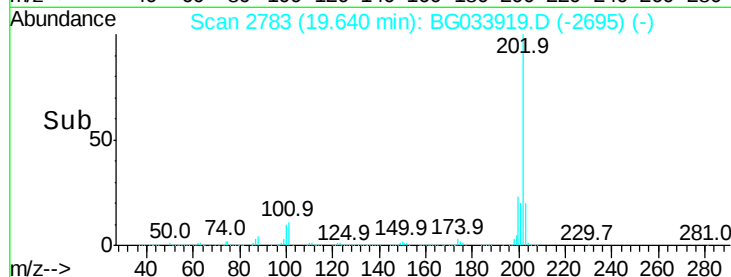
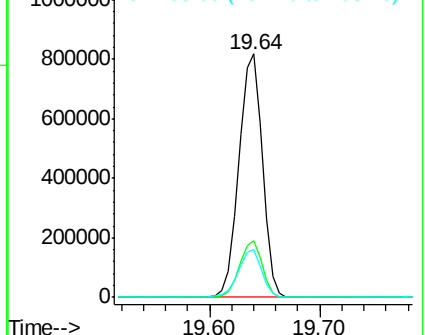
203 19.9 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.195 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

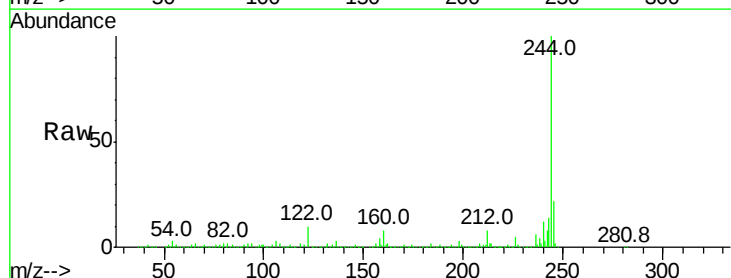
Tgt Ion:244 Resp: 1691776

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	9.9	7.0	10.4

244 100

212 8.2 5.8 8.8

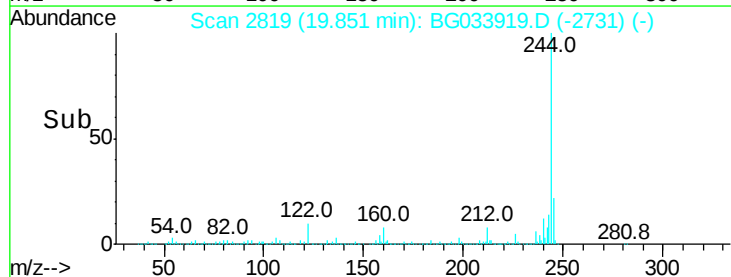
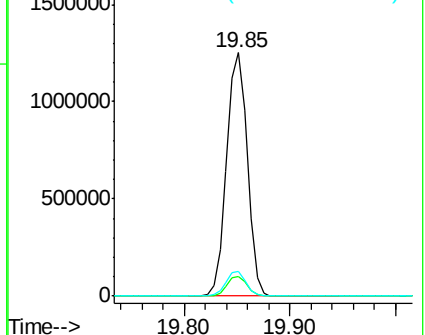
122 9.9 7.0 10.4

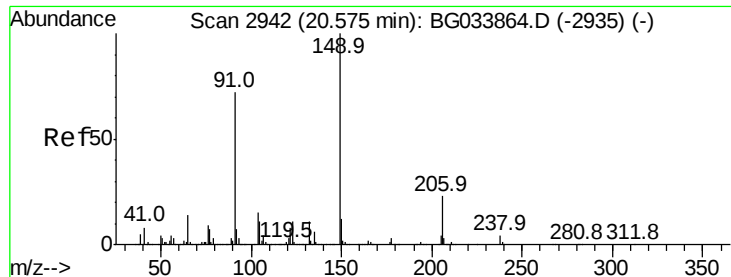


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

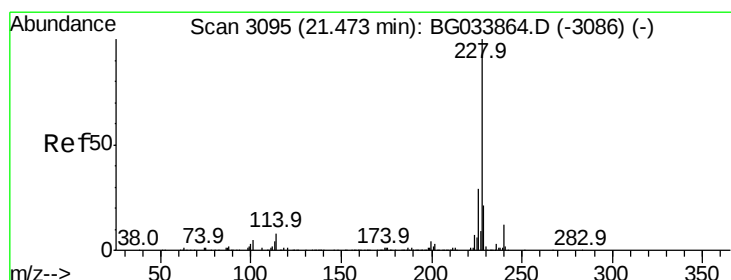
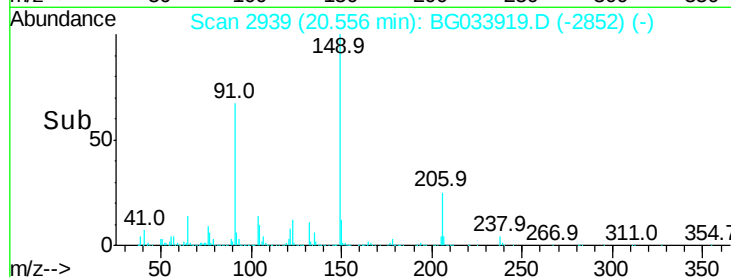
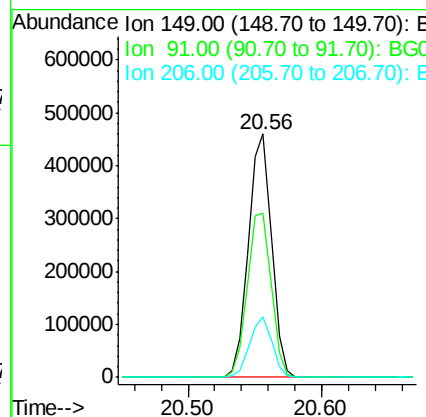
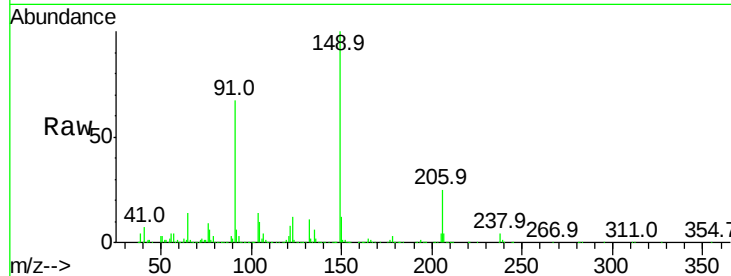




#79
Butylbenzylphthalate
Concen: 34.415 ng
RT: 20.56 min Scan# 2939
Delta R.T. -0.02 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

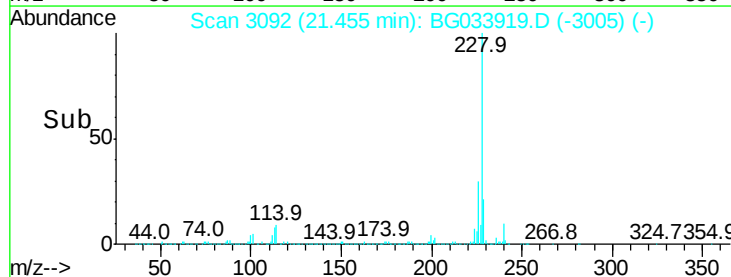
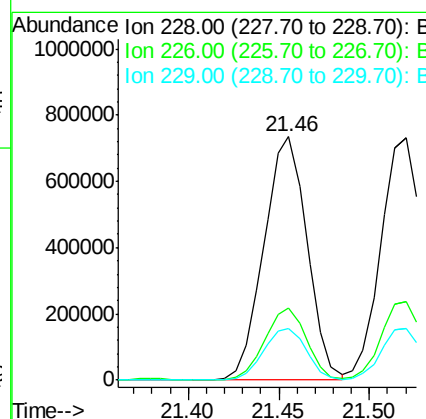
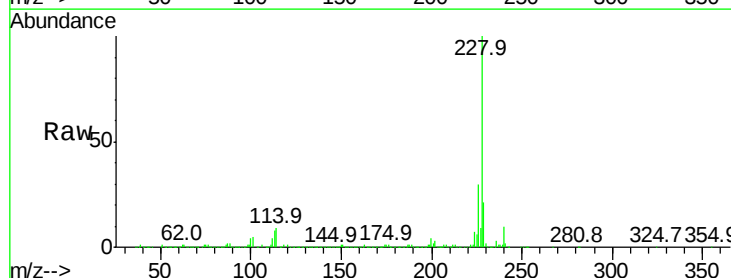
Instrument :
BNA_G
ClientSampleId :

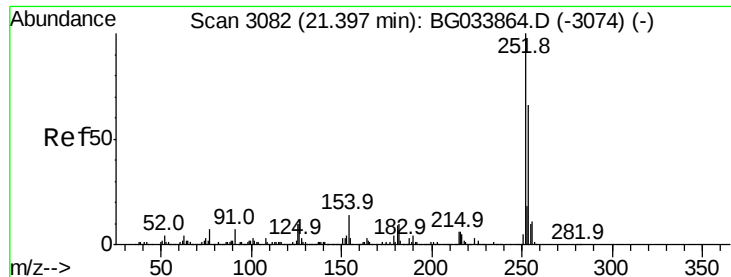
Tot Ion:149 Resp: 544504
Ion Ratio Lower Upper
149 100
91 67.4 62.2 93.2
206 25.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 35.119 ng
RT: 21.46 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion:228 Resp: 1216407
Ion Ratio Lower Upper
228 100
226 29.6 22.7 34.1
229 21.1 16.2 24.2

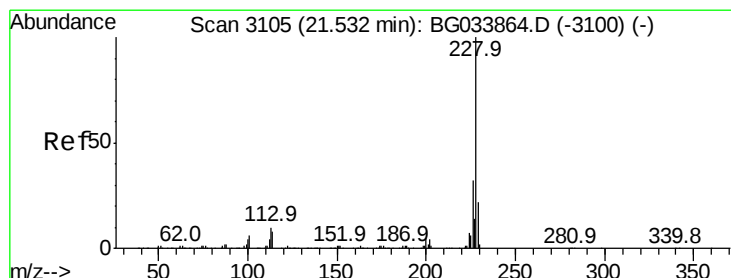
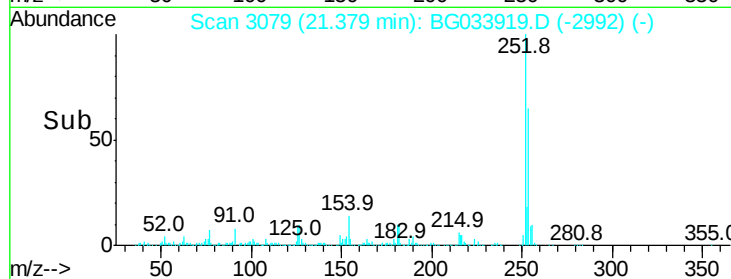
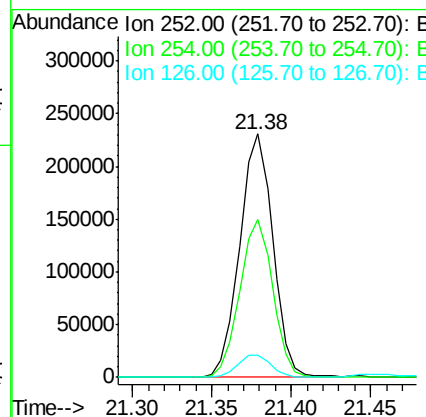
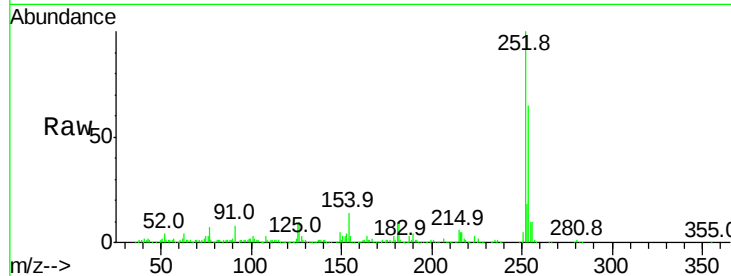




#81
 3,3'-Dichlorobenzidine
 Concen: 25.948 ng
 RT: 21.38 min Scan# 3079
 Delta R.T. -0.02 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

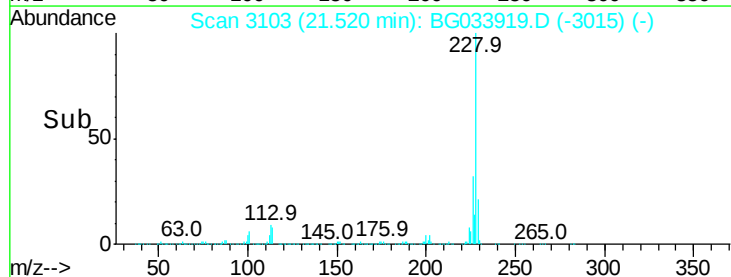
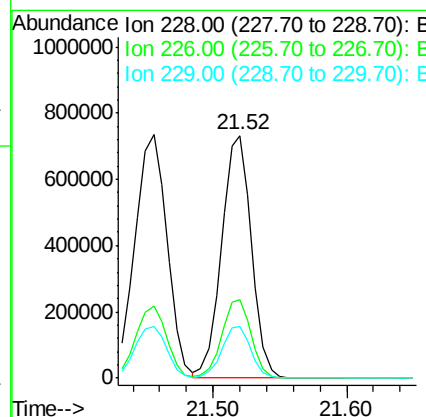
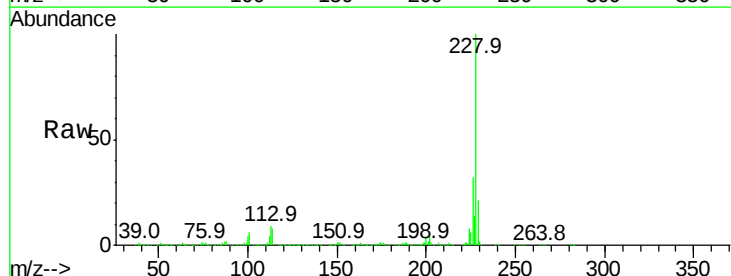
Instrument :
 BNA_G
 ClientSampleId :

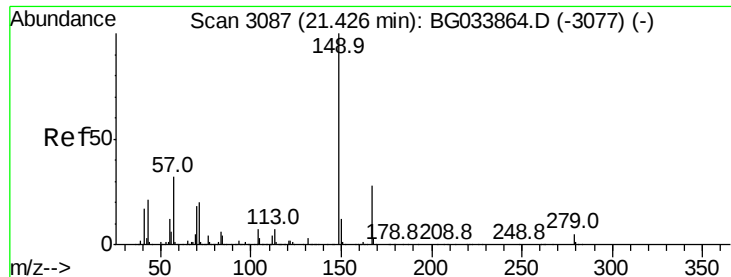
Tot Ion:252 Resp: 335115
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.8 76.2
 126 9.3 7.4 11.2



#82
 Chrysene
 Concen: 34.673 ng
 RT: 21.52 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion:228 Resp: 1146815
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.9 37.3
 229 21.1 15.0 22.4

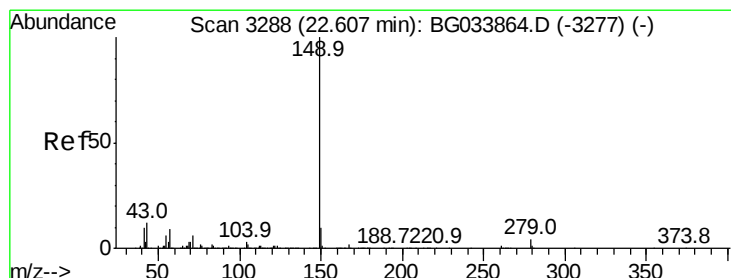
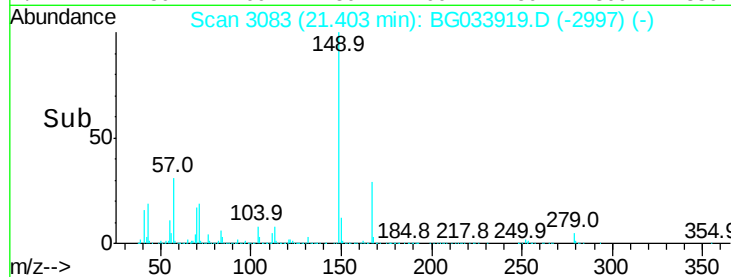
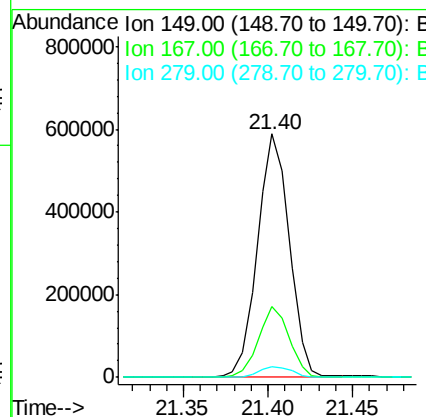
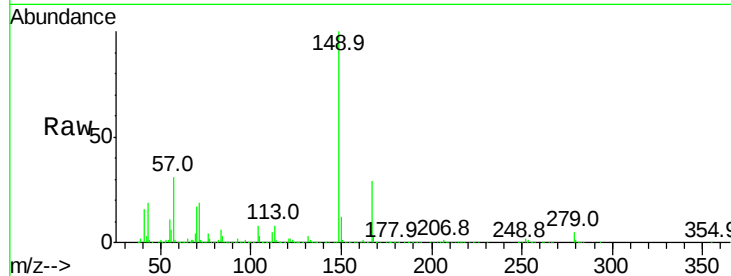




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.521 ng
 RT: 21.40 min Scan# 3083
 Delta R.T. -0.02 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

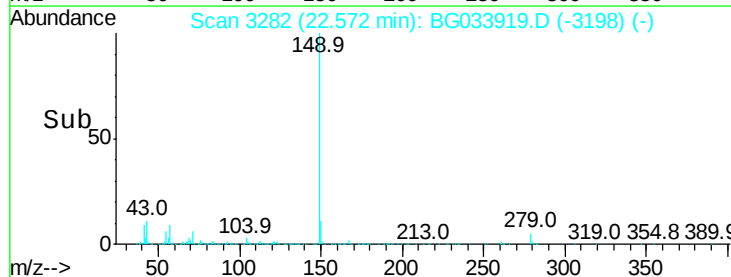
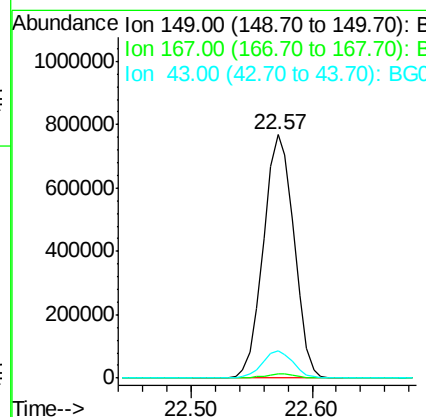
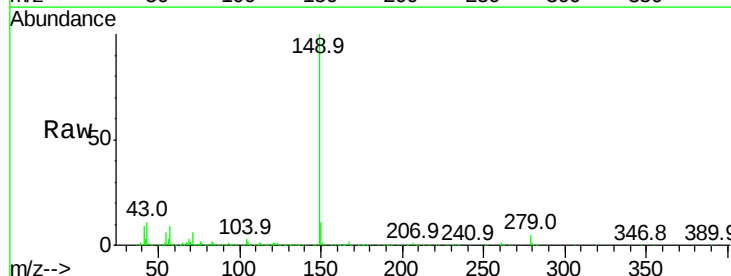
Instrument :
 BNA_G
 ClientSampleId :

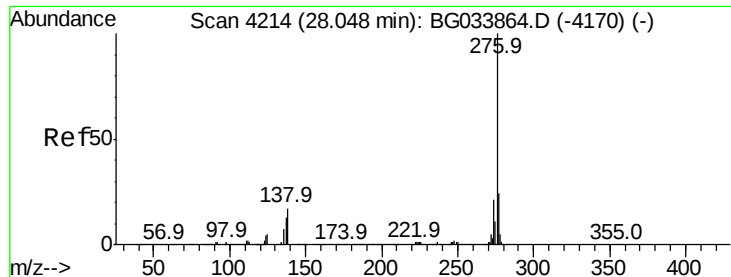
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.3	36.5
279	4.5	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 37.821 ng
 RT: 22.57 min Scan# 3282
 Delta R.T. -0.04 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.8	8.9	13.3

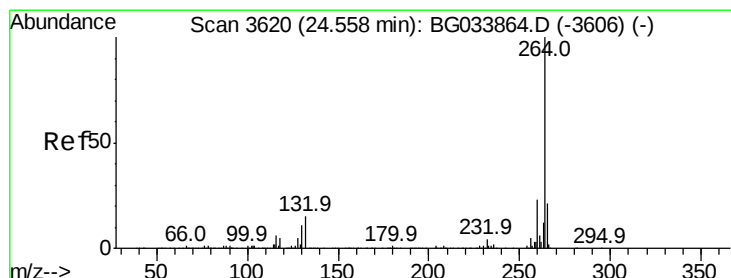
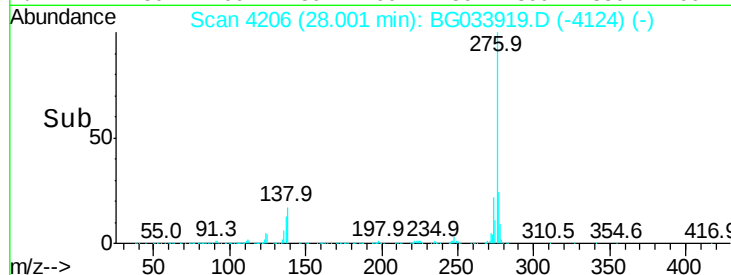
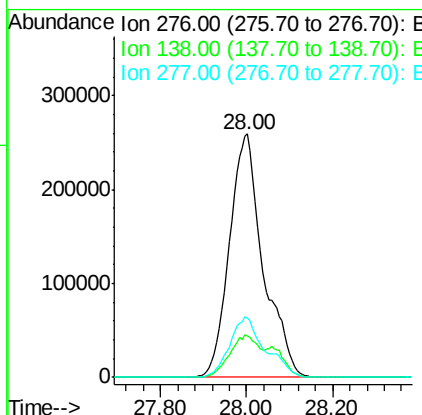
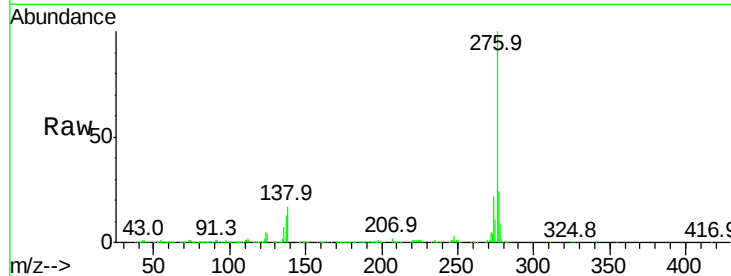




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.477 ng
 RT: 28.00 min Scan# 4206
 Delta R.T. -0.05 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

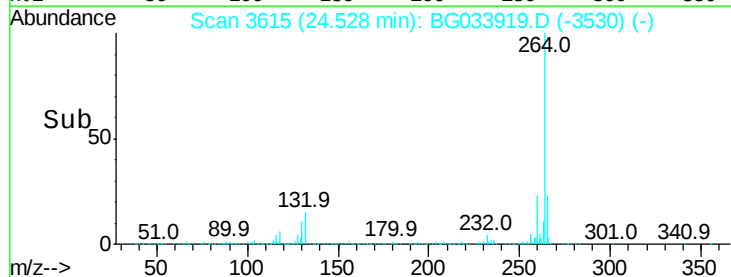
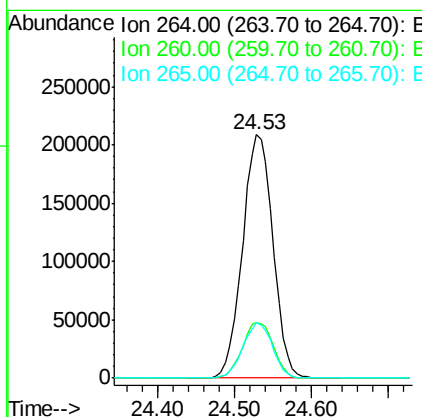
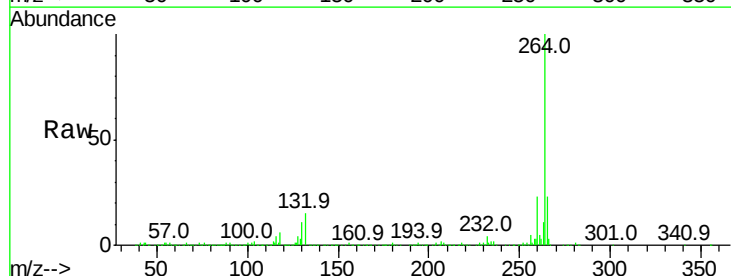
Instrument :
 BNA_G
 ClientSampleId :

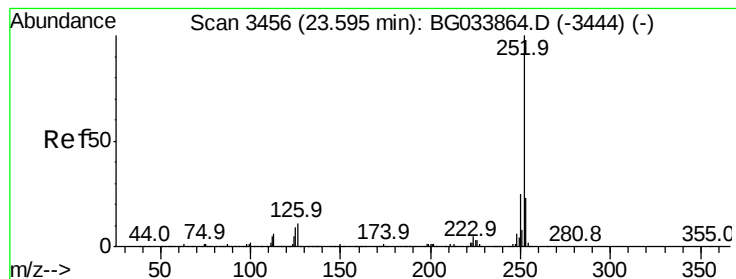
Tot Ion:276 Resp: 1410998
 Ion Ratio Lower Upper
 276 100
 138 15.5 16.0 24.0#
 277 26.1 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.53 min Scan# 3615
 Delta R.T. -0.03 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion:264 Resp: 576270
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.4 26.0
 265 22.9 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 35.725 ng

RT: 23.56 min Scan# 3451

Delta R.T. -0.03 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

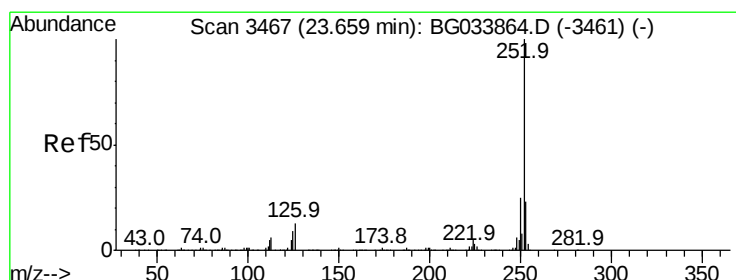
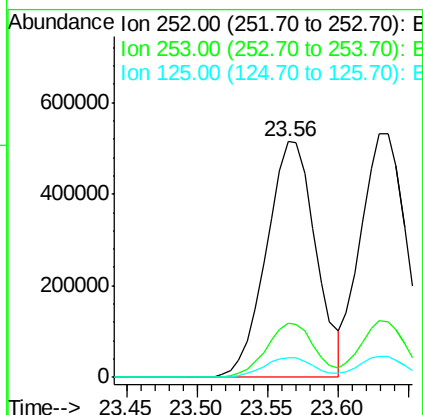
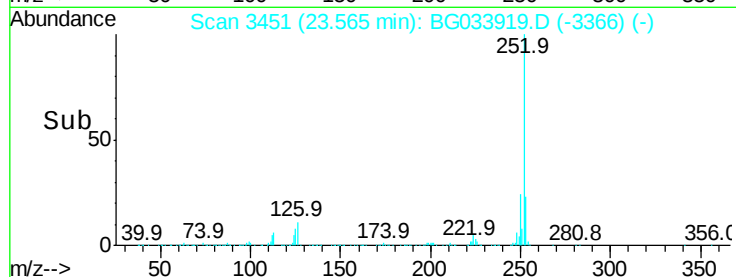
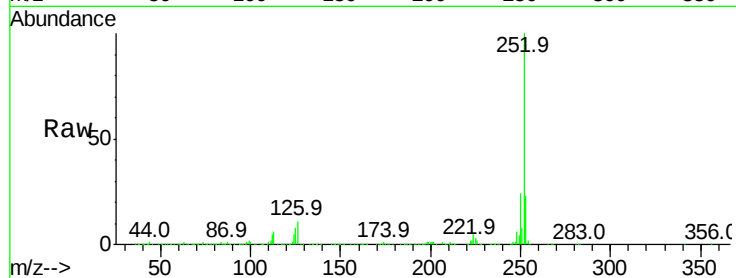
Tot Ion:252 Resp: 1255942

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

125 8.5 7.2 10.8



#88

Benzo(k)fluoranthene

Concen: 34.237 ng

RT: 23.63 min Scan# 3462

Delta R.T. -0.03 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

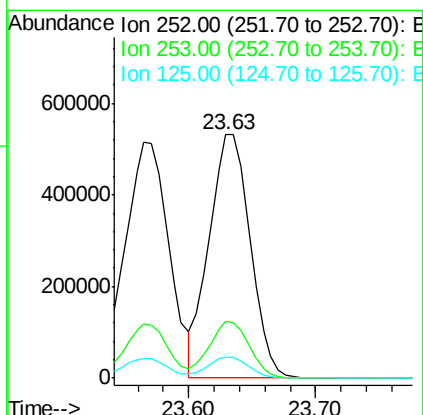
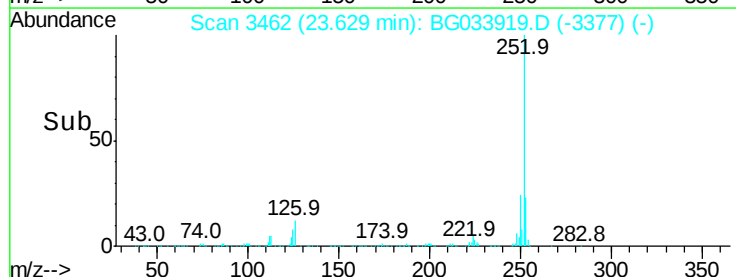
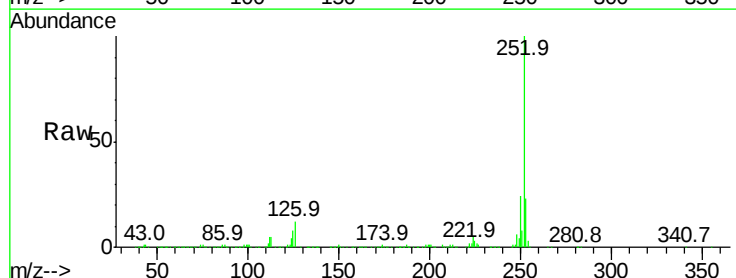
Tgt Ion:252 Resp: 1195605

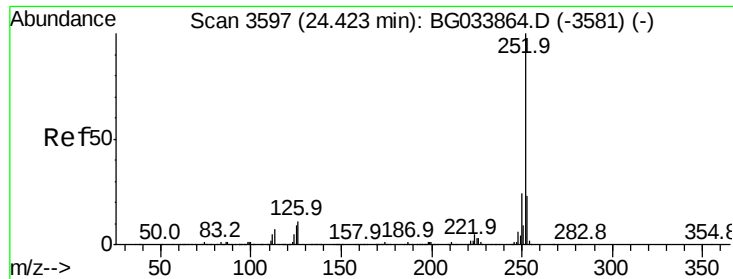
Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 8.5 6.6 9.8

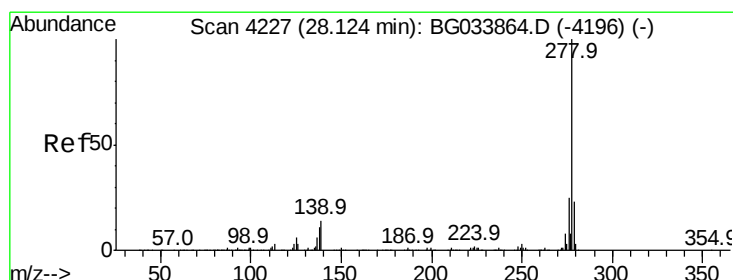
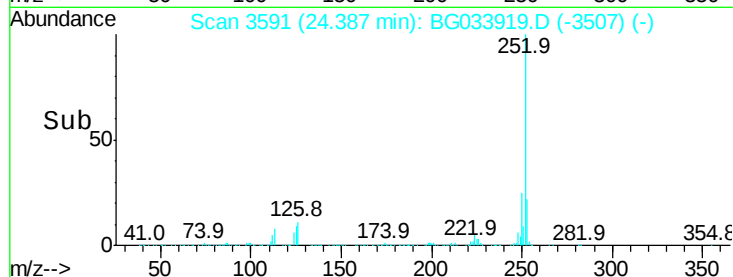
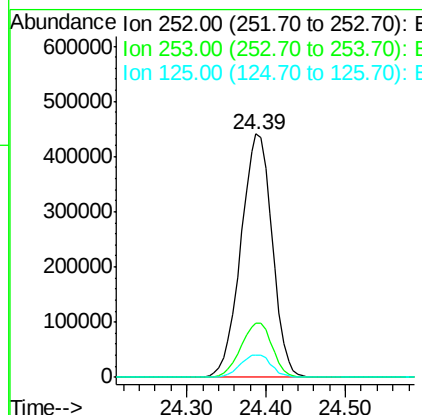
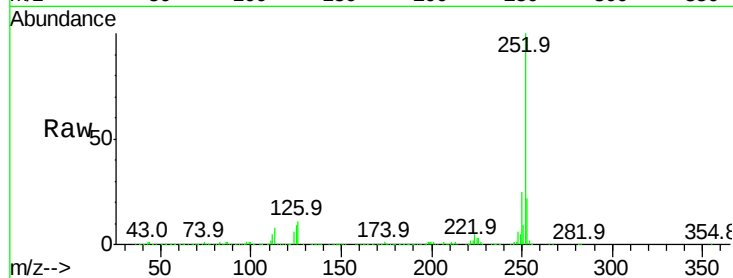




#89
Benzo(a)pyrene
Concen: 35.827 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.04 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

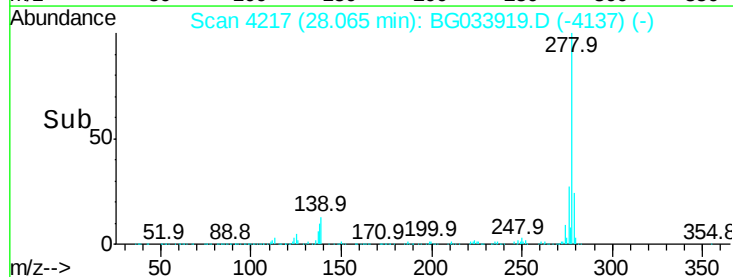
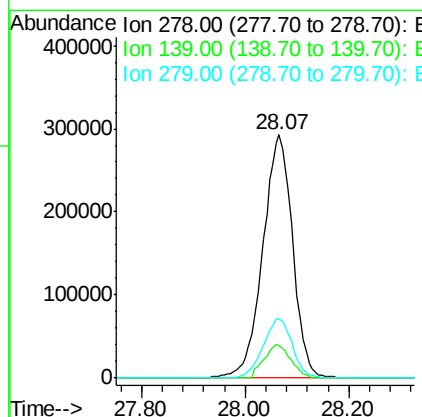
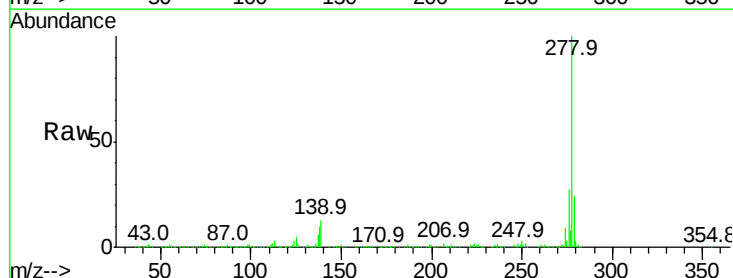
Instrument :
BNA_G
ClientSampleId :

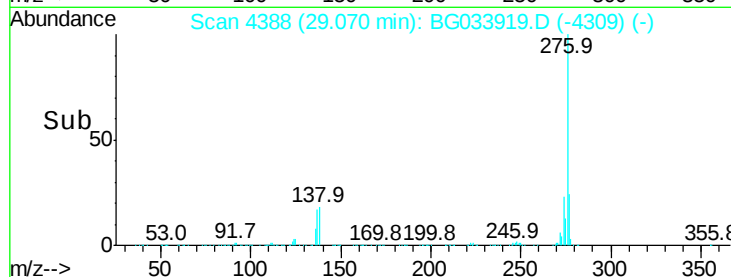
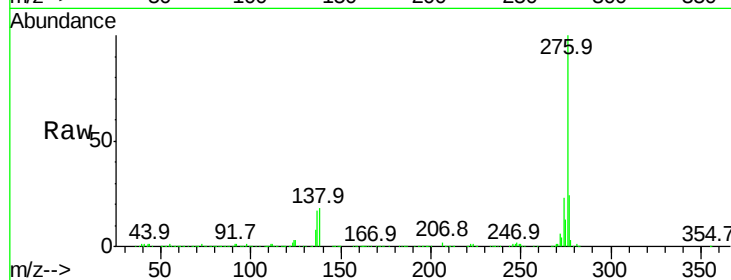
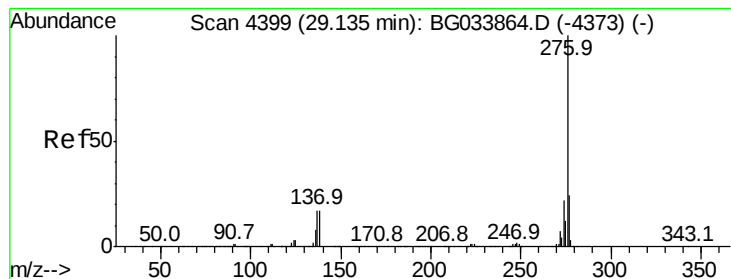
Tot Ion:252 Resp: 1206272
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 9.3 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 35.945 ng
RT: 28.07 min Scan# 4217
Delta R.T. -0.06 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion:278 Resp: 1171048
Ion Ratio Lower Upper
278 100
139 13.1 9.8 14.6
279 24.4 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 36.525 ng

RT: 29.07 min Scan# 4388

Delta R.T. -0.07 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1170899

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.3	27.5
138	18.1	13.9	20.9

