

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG034004.D
 Acq On : 26 Apr 2018 2:48
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 06:31:54 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	71238	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	352554	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	247014	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	615202	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	619252	20.00	ng	-0.02
86) Perylene-d12	24.53	264	648719	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	314059	70.38	ng	-0.01
7) Phenol-d6	7.00	99	480877	73.89	ng	0.00
23) Nitrobenzene-d5	8.98	82	491985	79.42	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	258188	89.59	ng	-0.01
44) 2-Fluorobiphenyl	13.08	172	1272777	75.69	ng	-0.02
78) Terphenyl-d14	19.85	244	1991301	72.24	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	61416	32.574	ng	85
3) Pyridine	3.80	79	191385	35.083	ng	94
4) n-Nitrosodimethylamine	3.72	42	86394	34.762	ng	# 94
6) Aniline	7.16	93	319246	36.696	ng	99
8) 2-Chlorophenol	7.40	128	186340	37.270	ng	93
9) Benzaldehyde	6.98	77	124412	35.004	ng	93
10) Phenol	7.02	94	242232	36.332	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	190782	37.414	ng	94
12) 1,3-Dichlorobenzene	7.72	146	216921	37.689	ng	97
13) 1,4-Dichlorobenzene	7.87	146	220050	37.748	ng	97
14) 1,2-Dichlorobenzene	8.18	146	216795	38.242	ng	96
15) Benzyl Alcohol	8.06	79	205240	36.165	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.35	45	331323	33.314	ng	96
17) 2-Methylphenol	8.26	107	179498	36.331	ng	97
18) Hexachloroethane	8.90	117	79163	37.162	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	194716	35.099	ng	# 96
20) 3+4-Methylphenols	8.59	107	261555	36.433	ng	90
22) Acetophenone	8.65	105	353405	36.830	ng	# 96
24) Nitrobenzene	9.02	77	259682	38.467	ng	95
25) Isophorone	9.55	82	486135	34.903	ng	# 94
26) 2-Nitrophenol	9.73	139	123144	46.167	ng	90
27) 2,4-Dimethylphenol	9.79	122	187660	37.614	ng	93
28) bis(2-Chloroethoxy)methane	10.03	93	273342	37.134	ng	96
29) 2,4-Dichlorophenol	10.26	162	219995	39.555	ng	91
30) 1,2,4-Trichlorobenzene	10.47	180	251027	40.298	ng	99
31) Naphthalene	10.66	128	676819	37.332	ng	98
32) Benzoic acid	9.95	122	203118	41.605	ng	# 83
33) 4-Chloroaniline	10.77	127	319769	37.525	ng	97
34) Hexachlorobutadiene	10.95	225	157324	42.217	ng	# 62
35) Caprolactam	11.55	113	93068	39.359	ng	# 77
36) 4-Chloro-3-methylphenol	11.90	107	247658	36.484	ng	# 89
37) 2-Methylnaphthalene	12.28	142	529937	38.178	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	327766	39.960	ng	98
40) Hexachlorocyclopentadiene	12.63	237	184770	40.969	ng	92

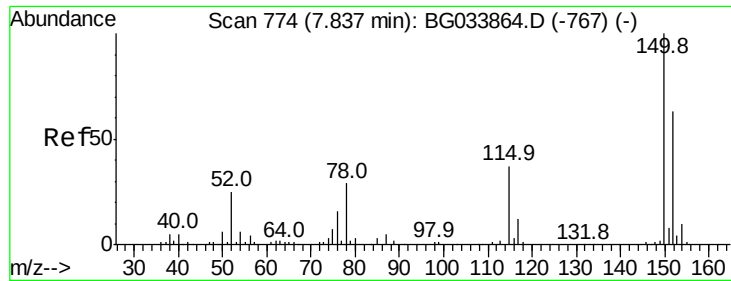
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG034004.D
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Quant Time: Apr 26 06:31:54 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	207266	41.445	ng	95
43) 2,4,5-Trichlorophenol	12.95	196	241774	42.052	ng	98
45) 1,1'-Biphenyl	13.29	154	753267	37.672	ng	97
46) 2-Chloronaphthalene	13.33	162	570952	37.658	ng	98
47) 2-Nitroaniline	13.53	65	191087	40.366	ng	89
48) Acenaphthylene	14.18	152	926162	36.749	ng	98
49) Dimethylphthalate	13.93	163	803620	36.985	ng	99
50) 2,6-Dinitrotoluene	14.04	165	177039	42.994	ng	# 85
51) Acenaphthene	14.53	154	585430	36.978	ng	97
52) 3-Nitroaniline	14.37	138	192425	43.036	ng	# 79
53) 2,4-Dinitrophenol	14.57	184	70241	47.698	ng	# 55
54) Dibenzofuran	14.86	168	876693	37.351	ng	96
55) 4-Nitrophenol	14.67	139	143068	40.798	ng	86
56) 2,4-Dinitrotoluene	14.83	165	251367	45.906	ng	# 82
57) Fluorene	15.51	166	753108	37.078	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.09	232	218819	41.567	ng	96
59) Diethylphthalate	15.30	149	818045	35.618	ng	97
60) 4-Chlorophenyl-phenylether	15.51	204	415770	39.136	ng	94
61) 4-Nitroaniline	15.54	138	200227	42.176	ng	90
62) Azobenzene	15.80	77	683059	33.364	ng	98
64) 4,6-Dinitro-2-methylphenol	15.59	198	138976	47.060	ng	86
65) n-Nitrosodiphenylamine	15.73	169	663158	37.077	ng	98
66) 4-Bromophenyl-phenylether	16.41	248	269136	39.835	ng	98
67) Hexachlorobenzene	16.51	284	289785	40.219	ng	98
68) Atrazine	16.68	200	261003	37.249	ng	97
69) Pentachlorophenol	16.86	266	204418	41.303	ng	# 59
70) Phenanthrene	17.25	178	1209566	36.650	ng	97
71) Anthracene	17.35	178	1217053	36.875	ng	98
72) Carbazole	17.62	167	1152452	36.194	ng	97
73) Di-n-butylphthalate	18.19	149	1371653	34.628	ng	98
74) Fluoranthene	19.28	202	1467401	36.756	ng	95
76) Benzidine	19.46	184	699029	41.803	ng	98
77) Pyrene	19.64	202	1500319	36.939	ng	95
79) Butylbenzylphthalate	20.55	149	630234	35.333	ng	89
80) Benzo(a)anthracene	21.46	228	1444623	36.995	ng	98
81) 3,3'-Dichlorobenzidine	21.38	252	570459	39.180	ng	96
82) Chrysene	21.52	228	1382466	37.075	ng	96
83) Bis(2-ethylhexyl)phthalate	21.39	149	890883	35.366	ng	99
84) Di-n-octyl phthalate	22.56	149	1407361	35.199	ng	99
85) Indeno(1,2,3-cd)pyrene	27.99	276	1682755	39.645	ng	# 93
87) Benzo(b)fluoranthene	23.56	252	1498979	37.877	ng	98
88) Benzo(k)fluoranthene	23.63	252	1420791	36.142	ng	97
89) Benzo(a)pyrene	24.39	252	1411047	37.229	ng	99
90) Dibenzo(a,h)anthracene	28.06	278	1390532	37.915	ng	97
91) Benzo(g,h,i)perylene	29.07	276	1379027	38.214	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

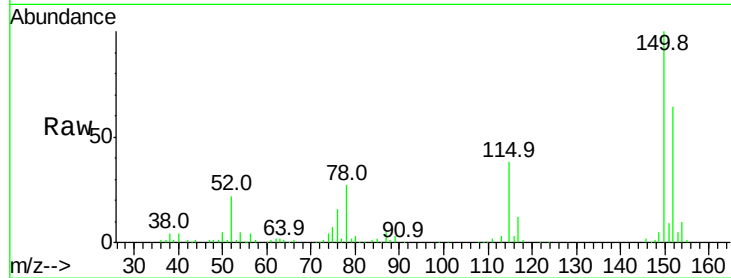
Tot Ion:152 Resp: 71238

Ion Ratio Lower Upper

152 100

150 157.3 126.6 189.8

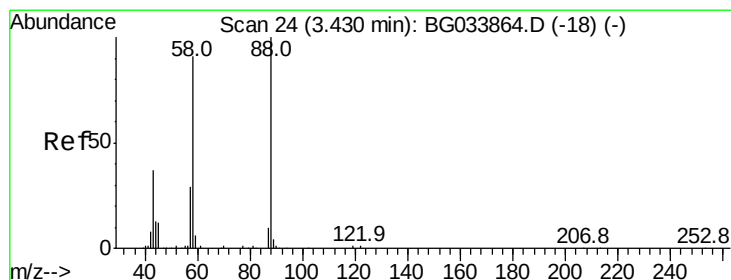
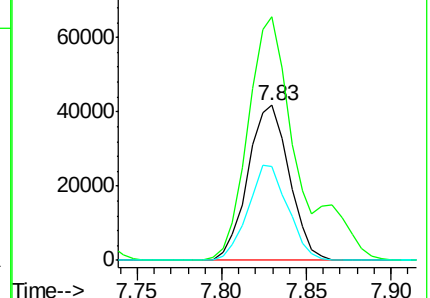
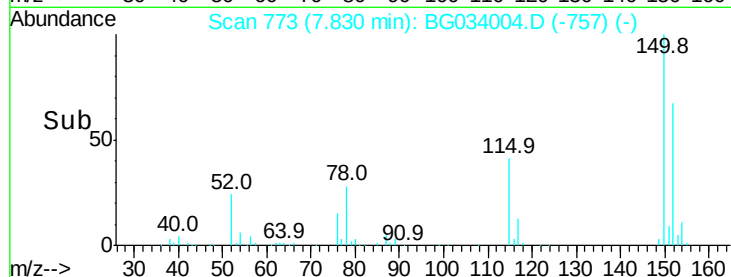
115 60.5 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.574 ng

RT: 3.42 min Scan# 23

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

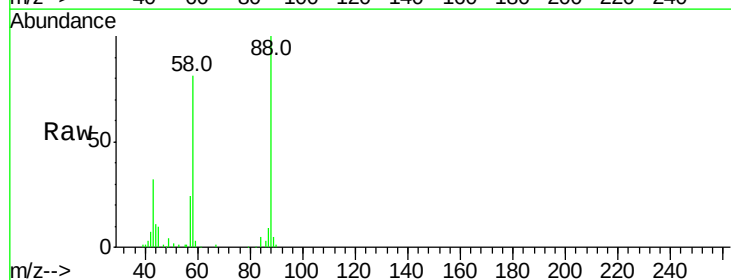
Tgt Ion: 88 Resp: 61416

Ion Ratio Lower Upper

88 100

58 80.1 79.6 119.4

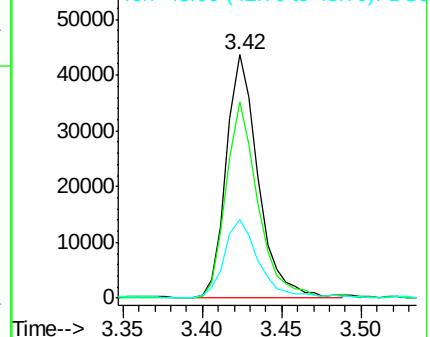
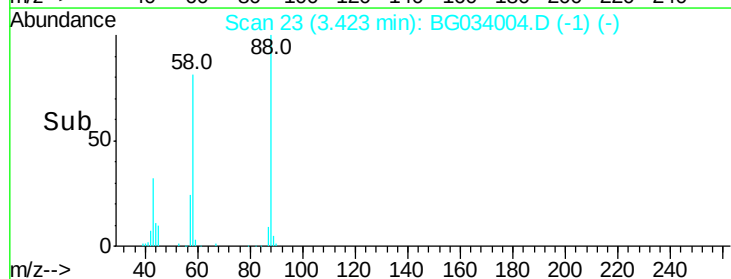
43 35.5 27.4 41.0

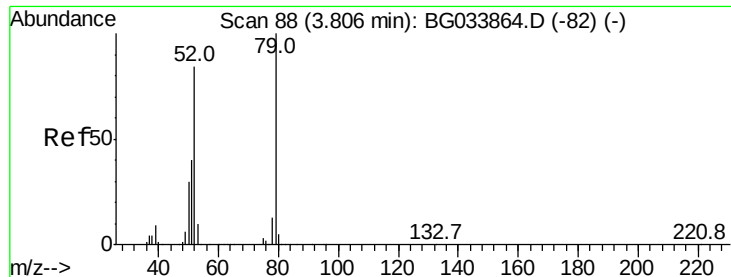


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.083 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

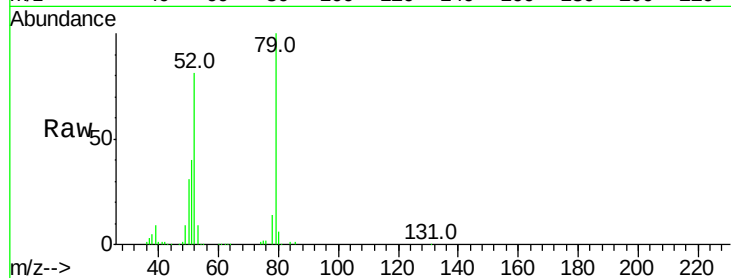
Tot Ion: 79 Resp: 191385

Ion Ratio Lower Upper

79 100

52 81.1 69.9 104.9

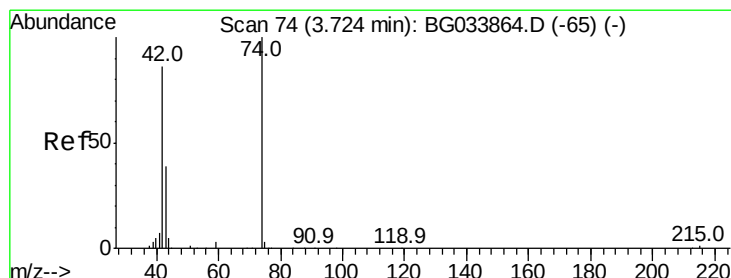
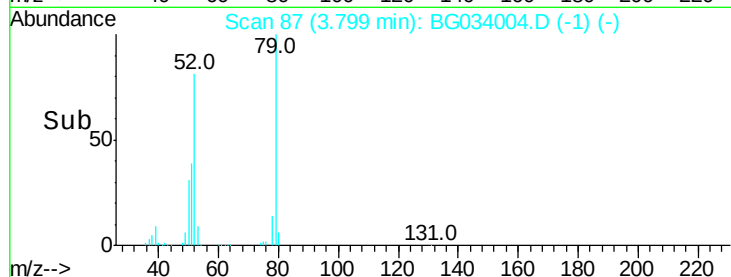
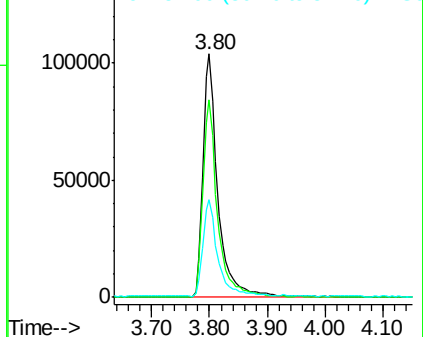
51 39.9 34.0 51.0



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: 34.762 ng

RT: 3.72 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

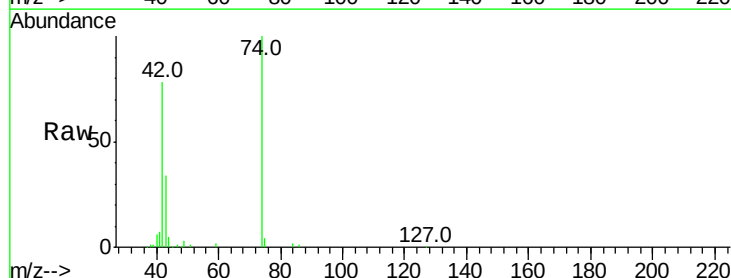
Tgt Ion: 42 Resp: 86394

Ion Ratio Lower Upper

42 100

74 127.8 102.5 153.7

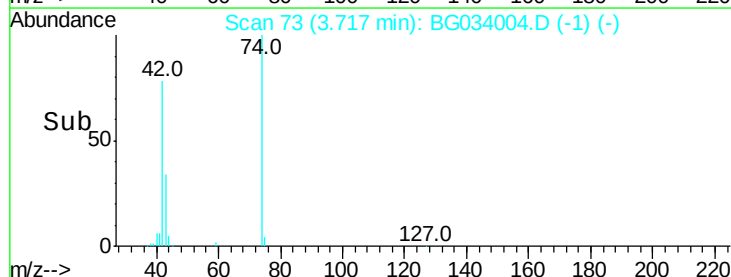
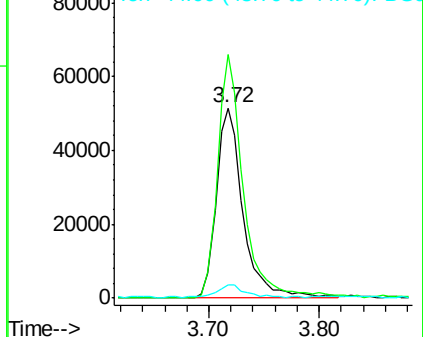
44 6.8 18.9 28.3#

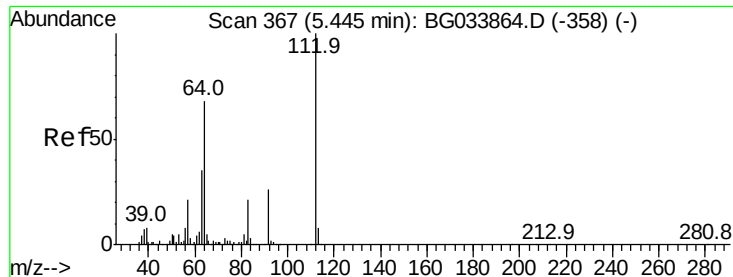


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 70.385 ng

RT: 5.43 min Scan# 365

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampled :

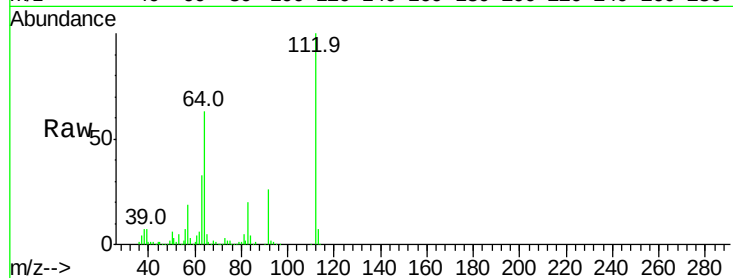
Tot Ion:112 Resp: 314059

Ion Ratio Lower Upper

112 100

64 63.1 56.3 84.5

63 33.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

250000

200000

150000

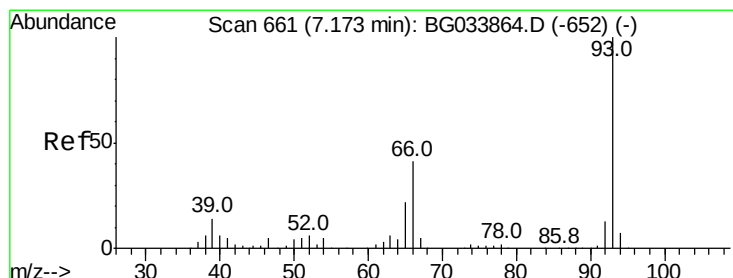
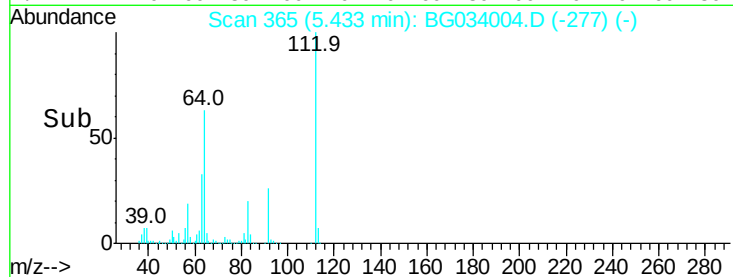
100000

50000

0

5.35 5.40 5.45 5.50 5.55

Time-->



#6

Aniline

Concen: 36.696 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

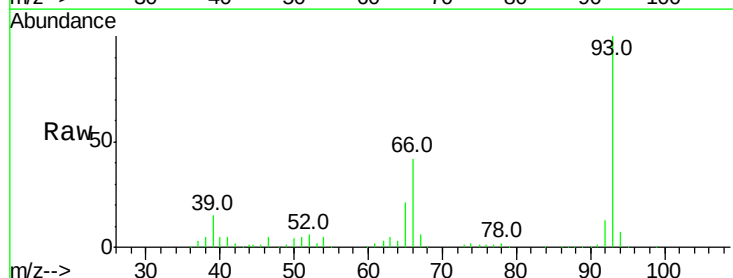
Tgt Ion: 93 Resp: 319246

Ion Ratio Lower Upper

93 100

66 41.7 33.7 50.5

65 20.6 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

250000

200000

150000

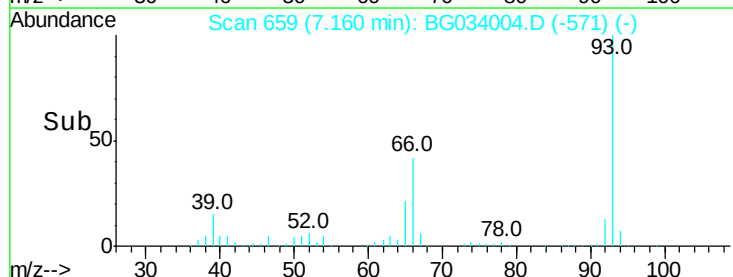
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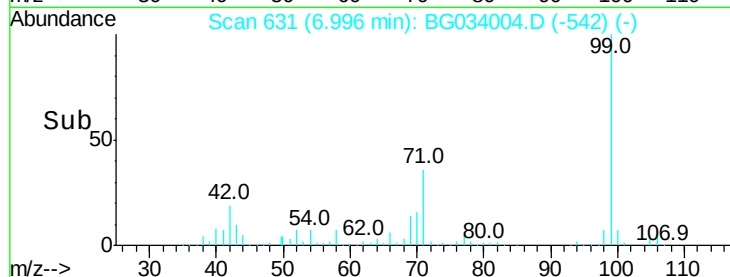
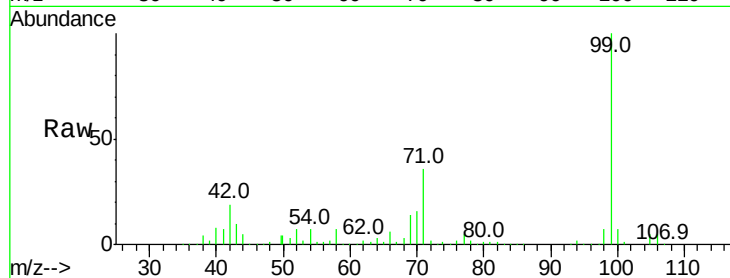
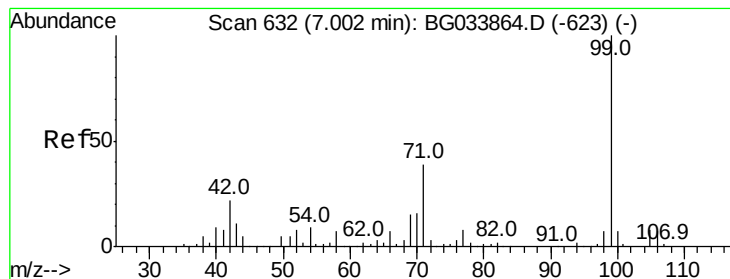
50000

0

7.10 7.15 7.20 7.25

Time-->





#7

Phenol-d6

Concen: 73.888 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

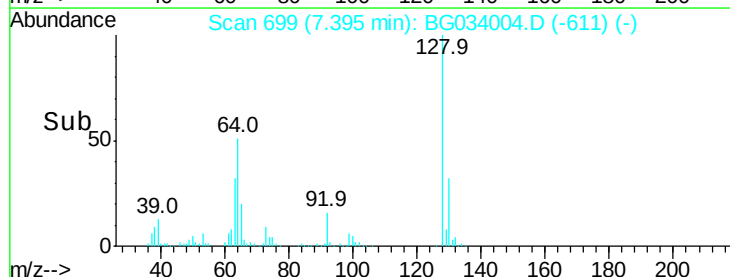
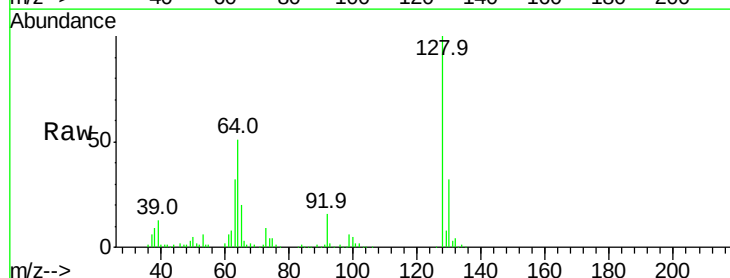
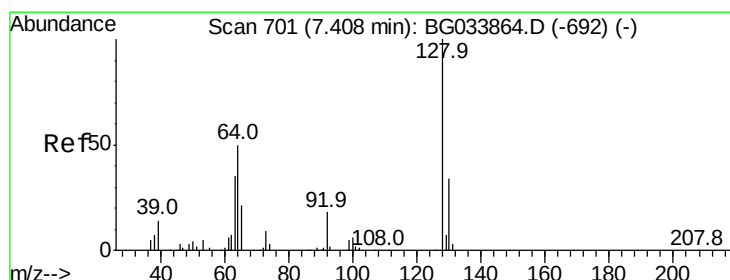
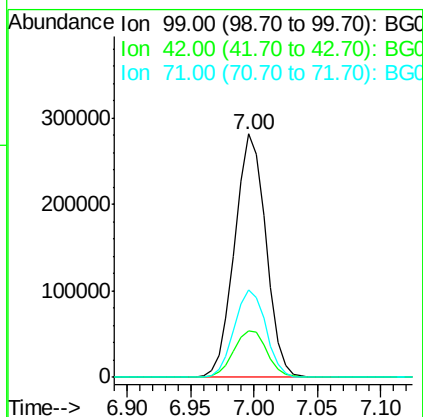
Tot Ion: 99 Resp: 480877

Ion Ratio Lower Upper

99 100

42 19.1 14.1 21.1

71 36.0 26.1 39.1



#8

2-Chlorophenol

Concen: 37.270 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

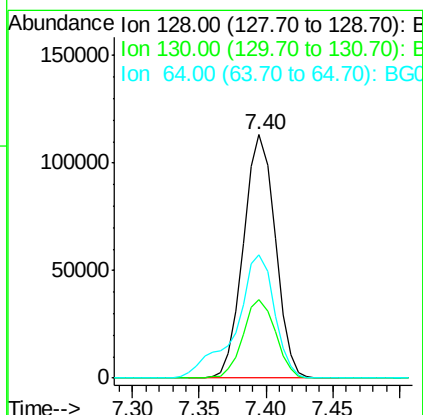
Tgt Ion: 128 Resp: 186340

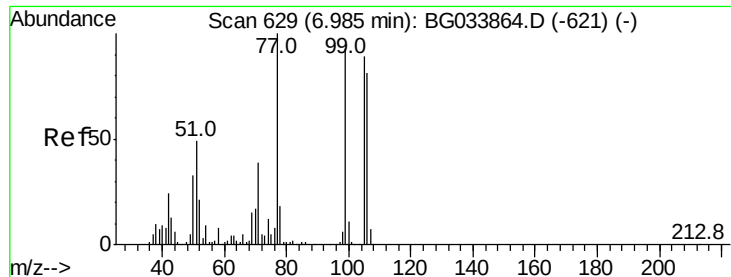
Ion Ratio Lower Upper

128 100

130 32.1 14.0 54.0

64 50.5 37.7 77.7





#9

Benzaldehyde

Concen: 35.004 ng

RT: 6.98 min Scan# 628

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampled :

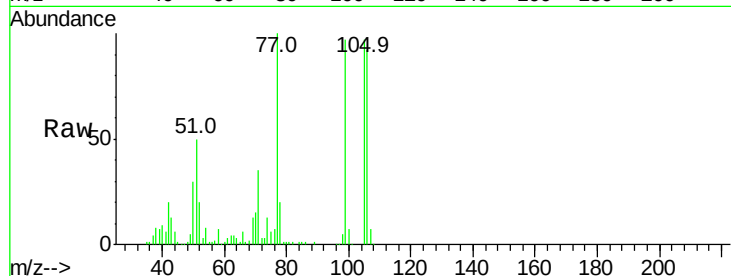
Tot Ion: 77 Resp: 124412

Ion Ratio Lower Upper

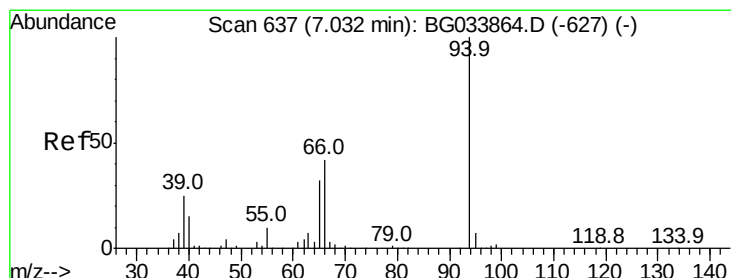
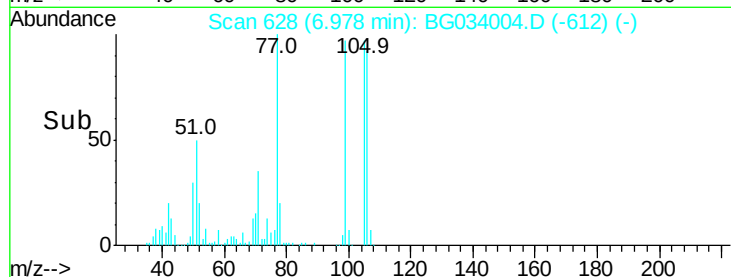
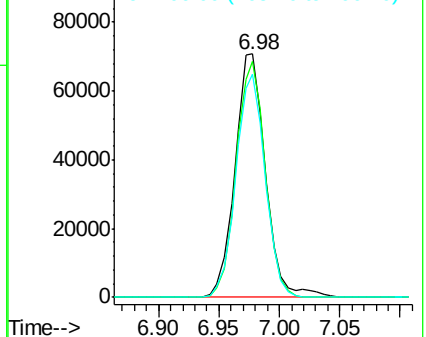
77 100

105 97.1 71.3 111.3

106 91.8 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: 36.332 ng

RT: 7.02 min Scan# 636

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

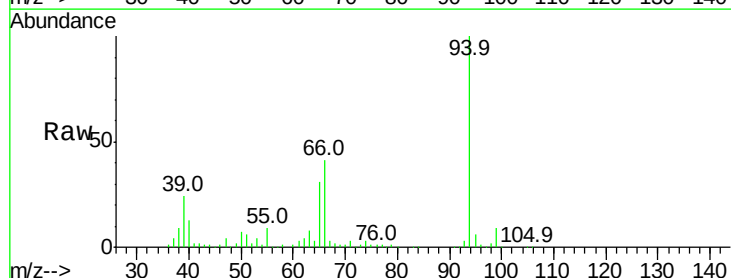
Tgt Ion: 94 Resp: 242232

Ion Ratio Lower Upper

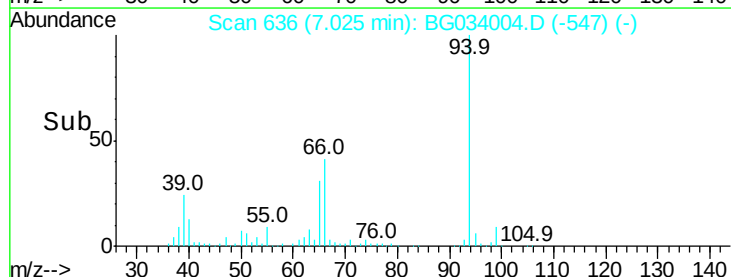
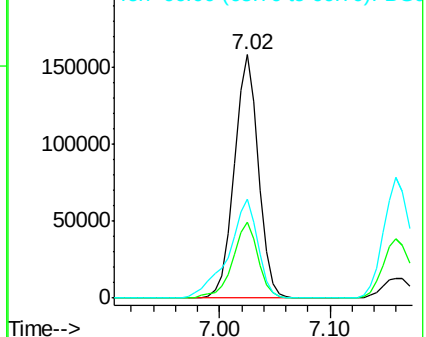
94 100

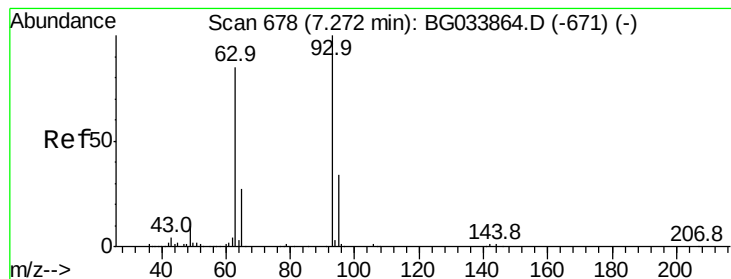
65 31.0 11.9 51.9

66 40.7 22.2 62.2



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





#11

bis(2-Chloroethyl)ether

Concen: 37.414 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

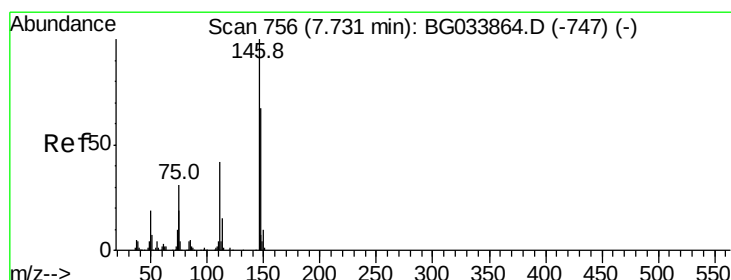
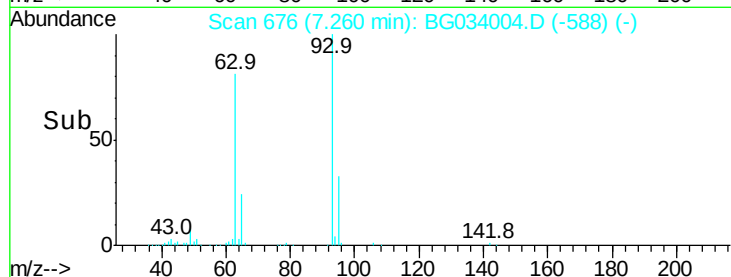
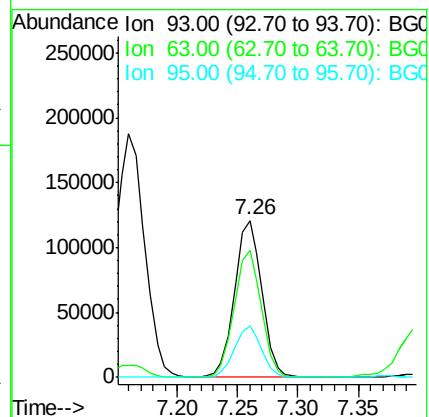
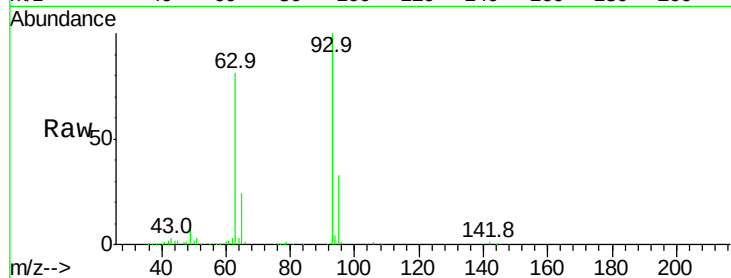
Tot Ion: 93 Resp: 190782

Ion Ratio Lower Upper

93 100

63 80.9 67.1 107.1

95 32.7 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 37.689 ng

RT: 7.72 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

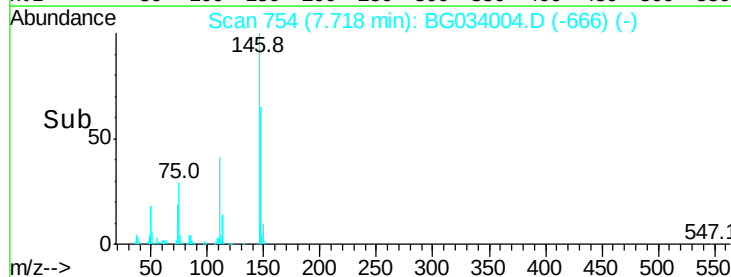
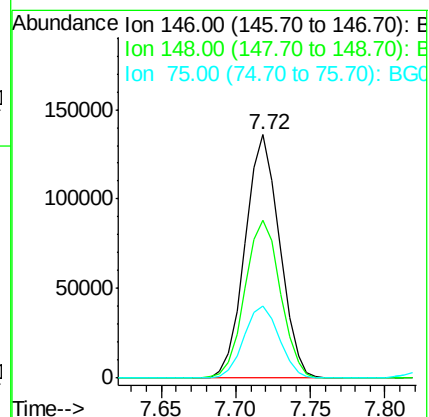
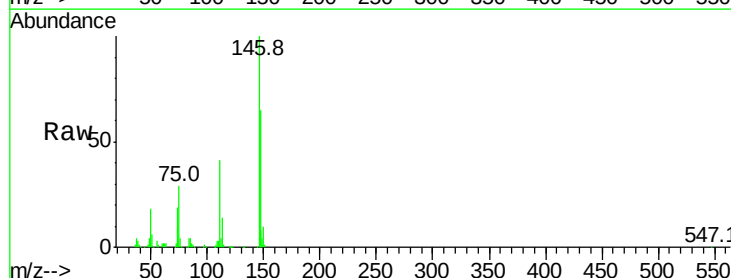
Tgt Ion: 146 Resp: 216921

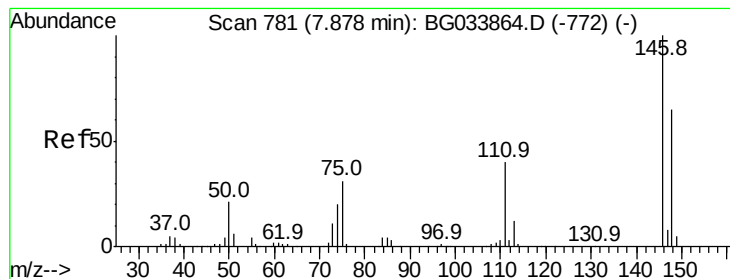
Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.2

75 29.4 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 37.748 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

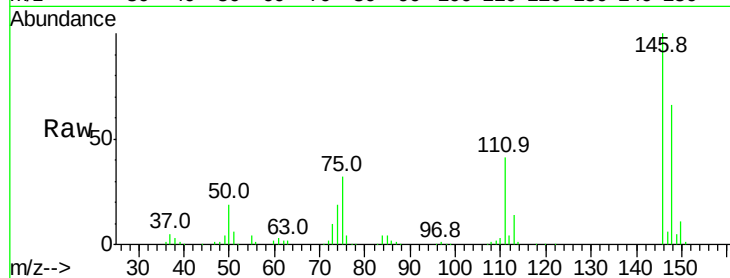
Tot Ion:146 Resp: 220050

Ion Ratio Lower Upper

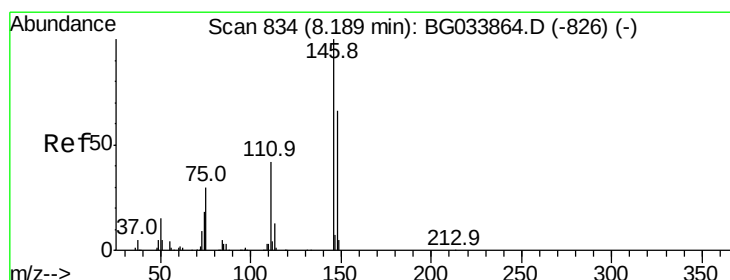
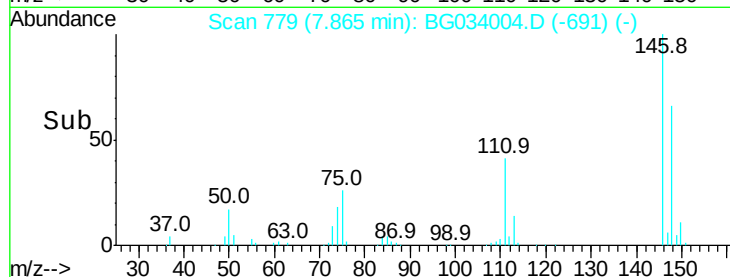
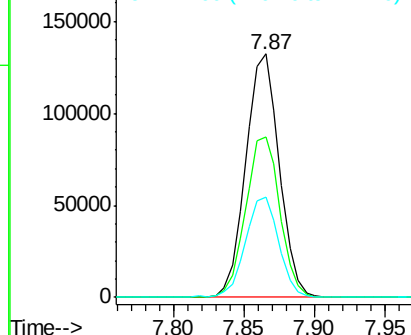
146 100

148 65.7 53.7 80.5

111 41.4 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 38.242 ng

RT: 8.18 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

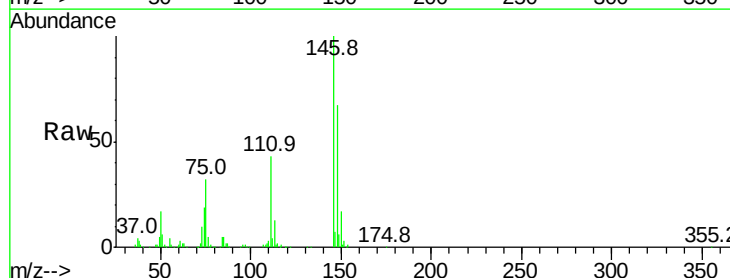
Tgt Ion:146 Resp: 216795

Ion Ratio Lower Upper

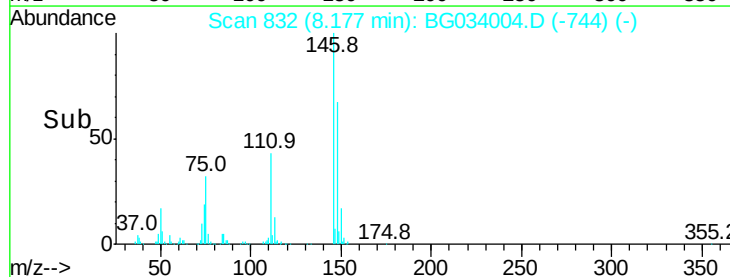
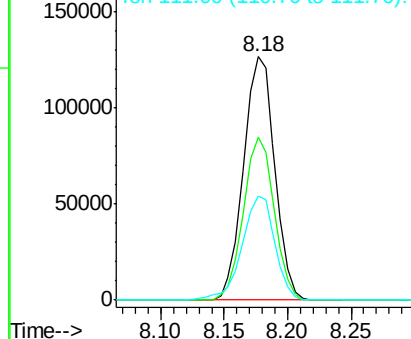
146 100

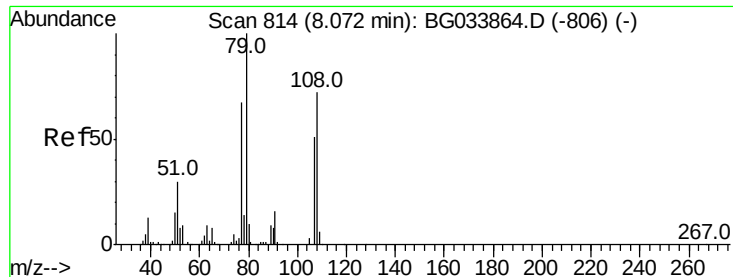
148 66.7 49.3 73.9

111 42.9 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 36.165 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

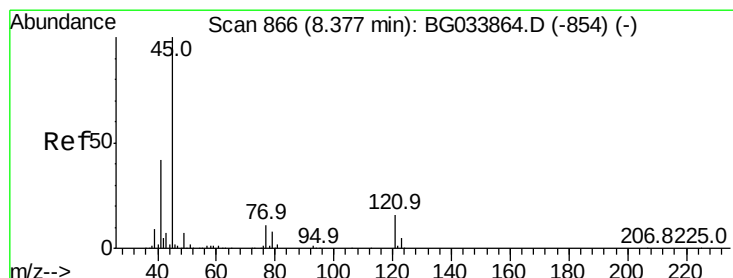
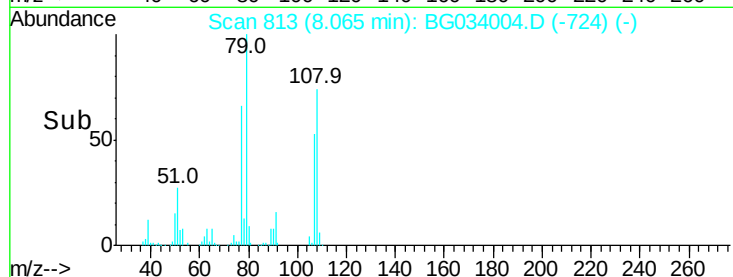
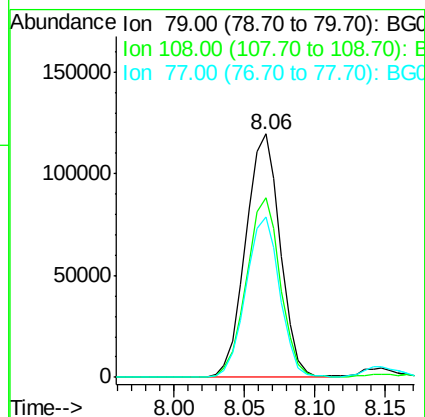
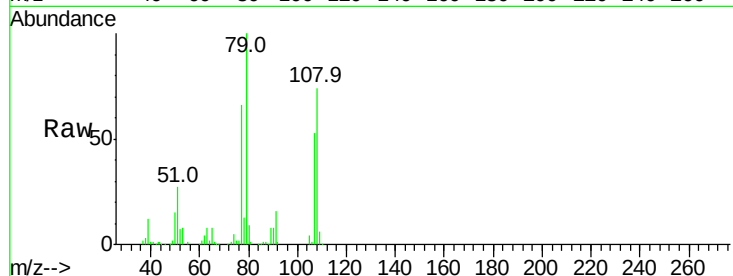
Tot Ion: 79 Resp: 205240

Ion Ratio Lower Upper

79 100

108 73.7 57.2 85.8

77 66.1 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.314 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.02 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

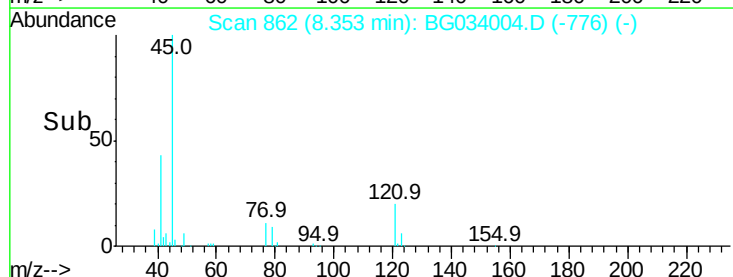
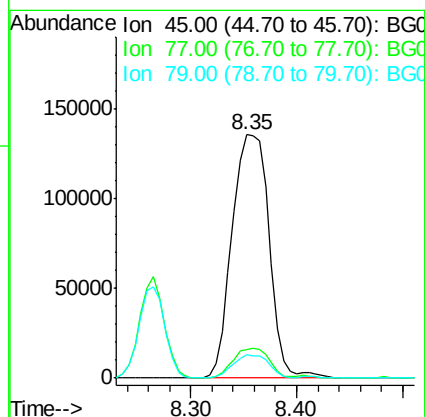
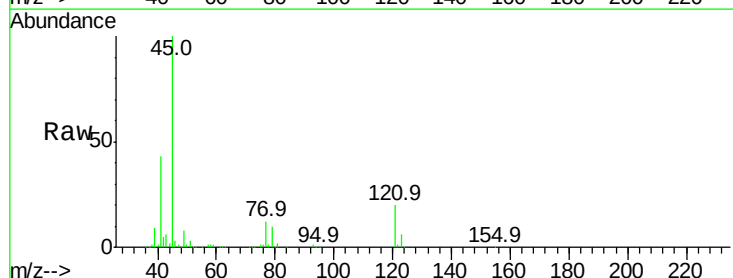
Tgt Ion: 45 Resp: 331323

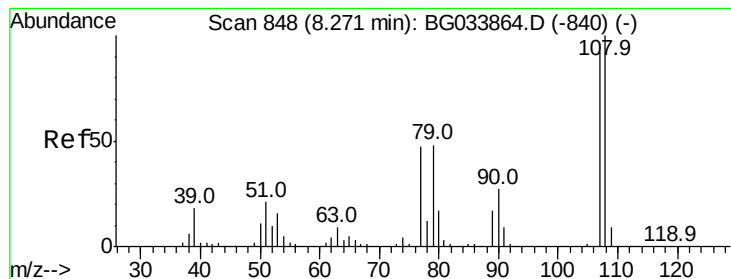
Ion Ratio Lower Upper

45 100

77 11.7 0.0 30.2

79 9.5 0.0 27.9





#17

2-Methylphenol

Concen: 36.331 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 179498

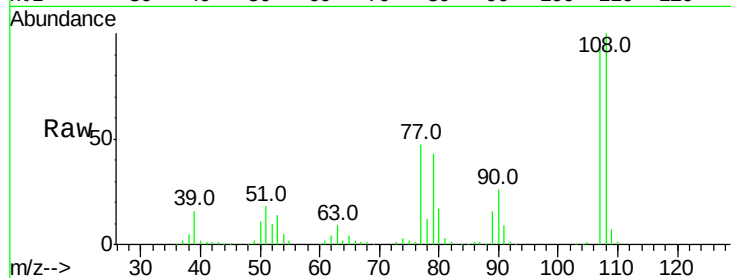
Ion Ratio Lower Upper

107 100

108 107.8 83.9 125.9

77 51.1 37.2 55.8

79 46.0 36.2 54.2

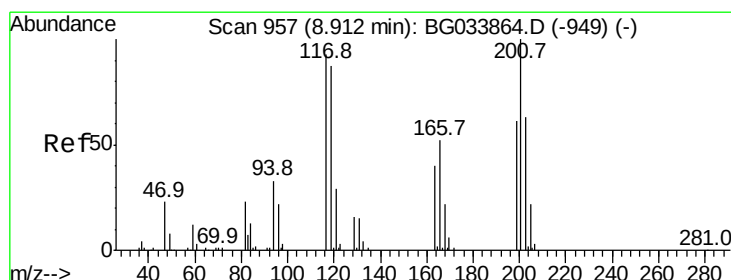
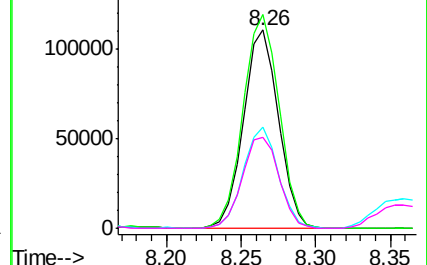
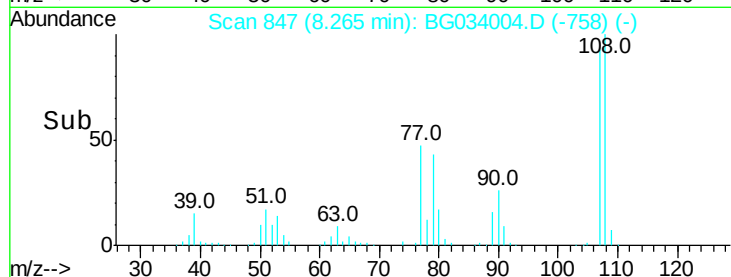


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 37.162 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

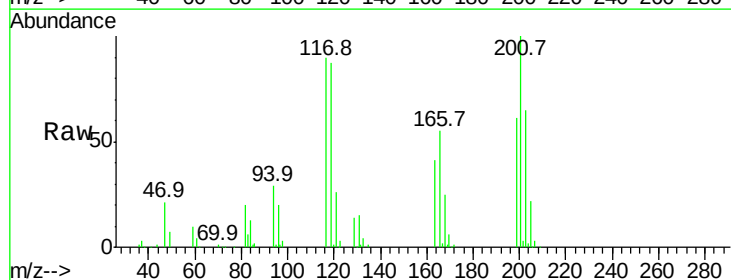
Tgt Ion:117 Resp: 79163

Ion Ratio Lower Upper

117 100

119 96.0 76.7 115.1

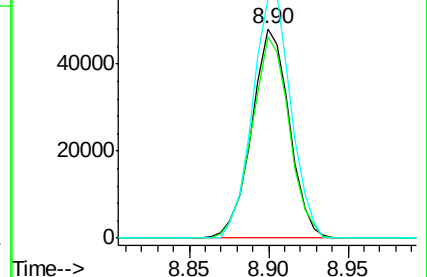
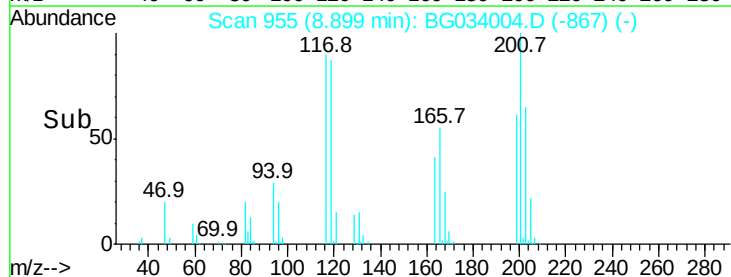
201 114.4 95.7 143.5

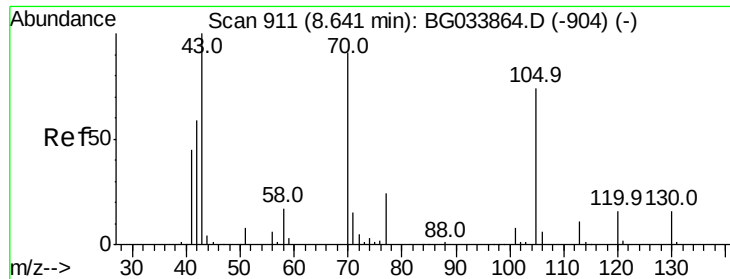


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

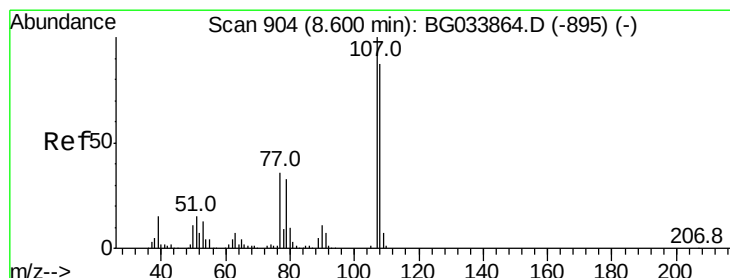
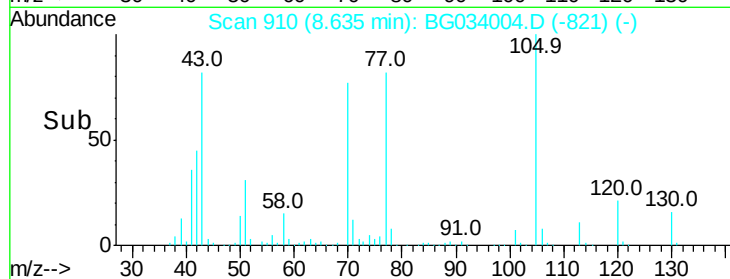
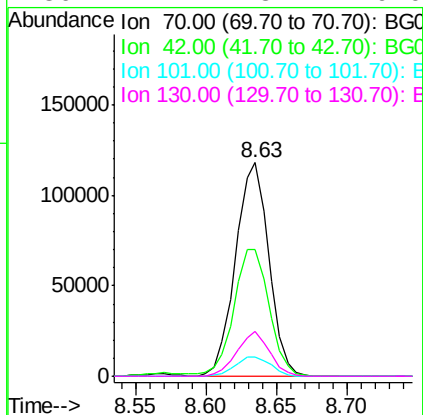
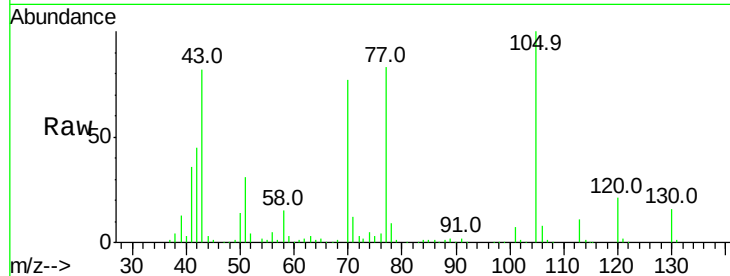




#19
n-Nitroso-di-n-propylamine
Concen: 35.099 ng
RT: 8.63 min Scan# 910
Delta R.T. -0.01 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

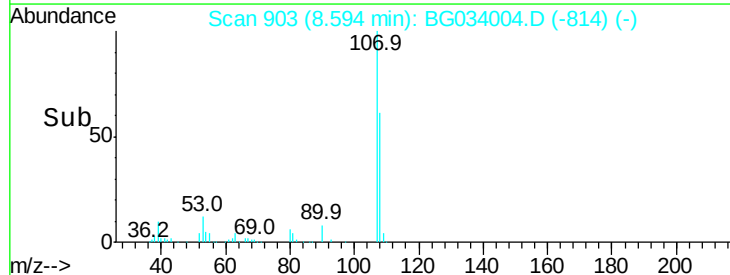
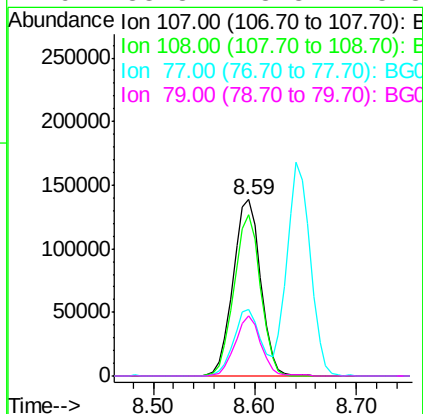
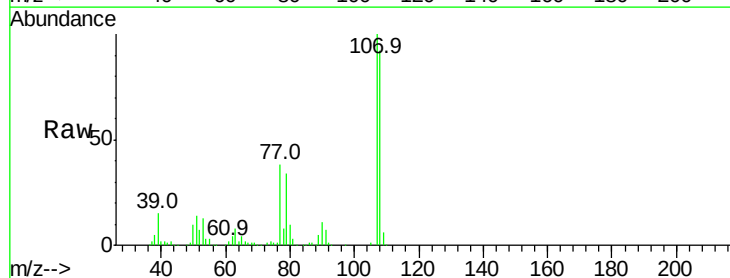
Instrument :
BNA_G
ClientSampleId :

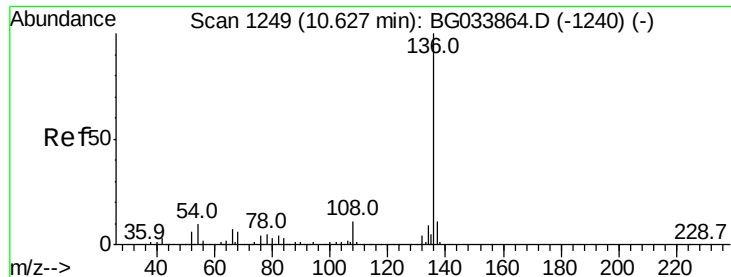
Tot Ion: 70 Resp: 194716
Ion Ratio Lower Upper
70 100
42 59.2 49.1 73.7
101 9.1 8.5 12.7
130 21.1 13.4 20.0#



#20
3+4-Methylphenols
Concen: 36.433 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

Tgt Ion:107 Resp: 261555
Ion Ratio Lower Upper
107 100
108 91.7 61.6 101.6
77 37.8 13.9 53.9
79 33.8 8.8 48.8

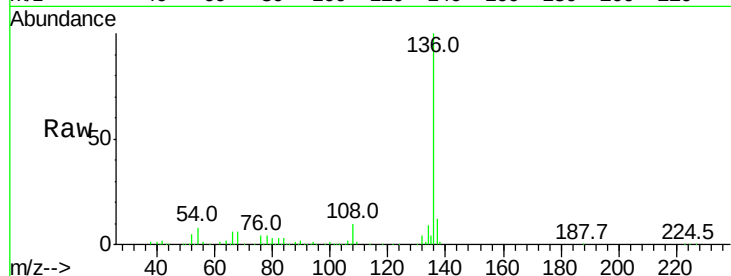




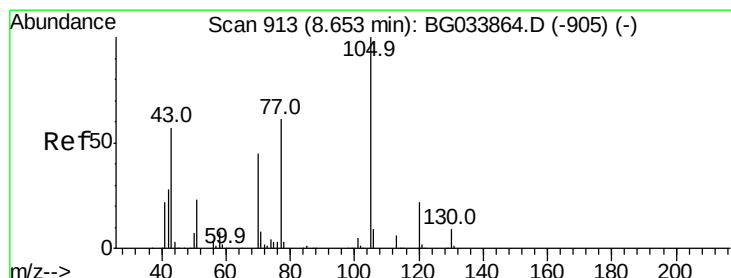
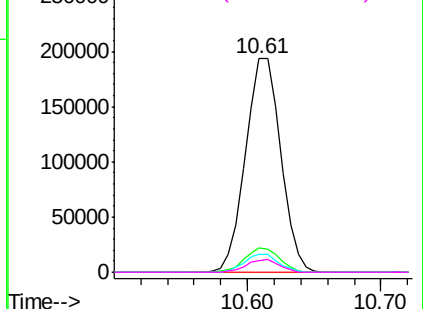
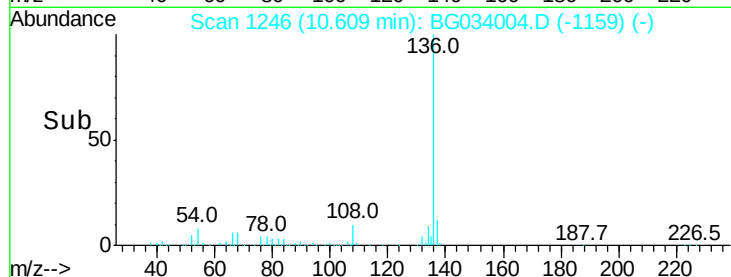
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	352554
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	8.4	10.3 15.5#
68	5.6	4.5 6.7

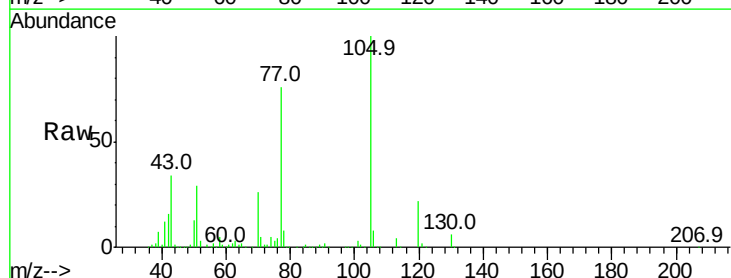


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

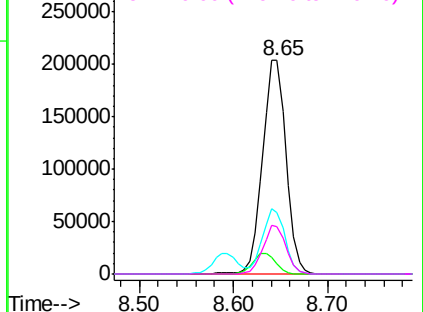
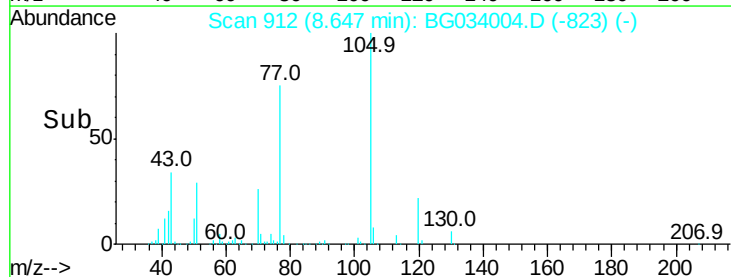


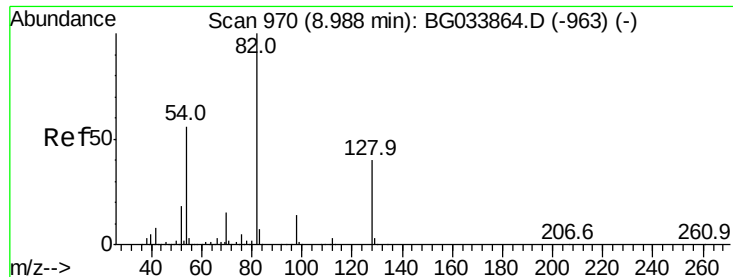
#22
Acetophenone
Concen: 36.830 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

Tgt Ion:105	Resp:	353405
Ion Ratio	Lower	Upper
105	100	
71	4.6	3.0 4.4#
51	29.0	26.1 39.1
120	22.3	17.4 26.2



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

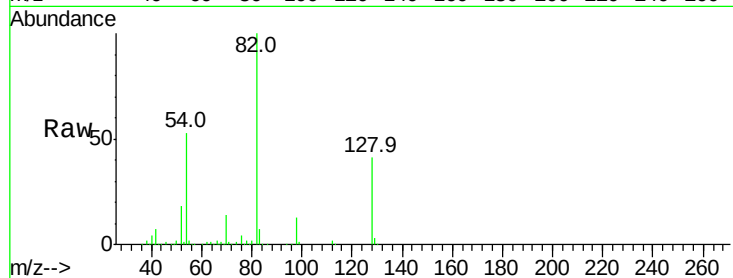




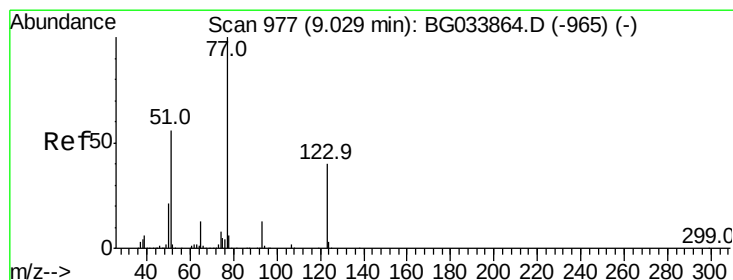
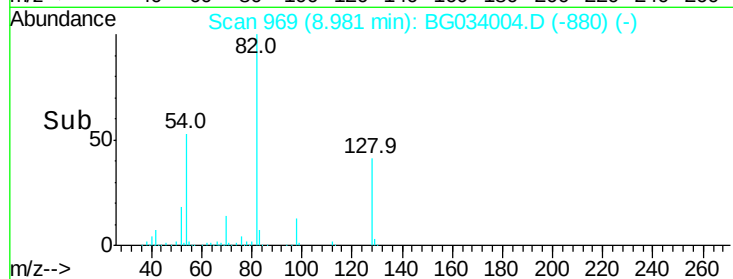
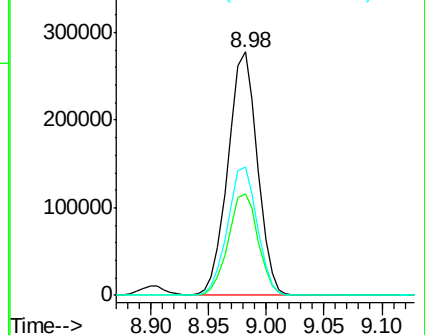
#23
Nitrobenzene-d5
Concen: 79.417 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	29.7	44.5
54	52.9	43.1	64.7

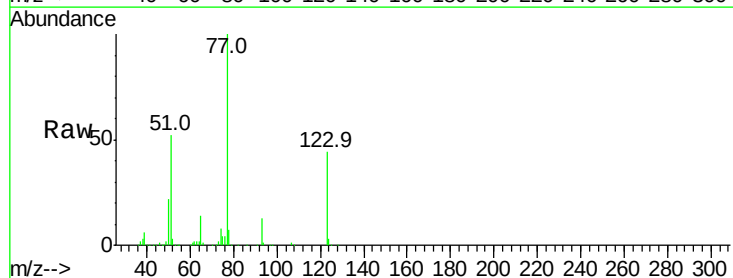


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

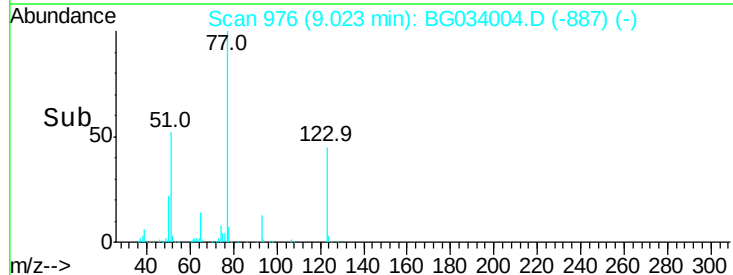
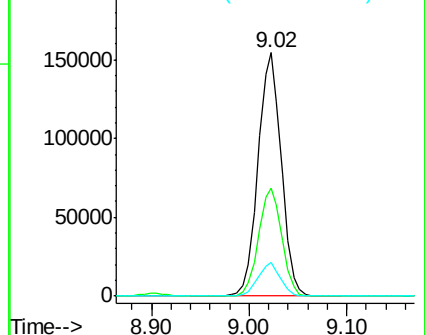


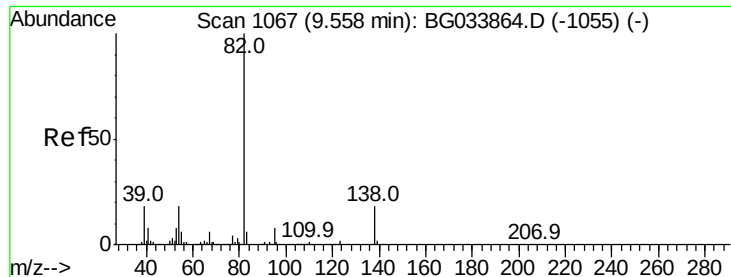
#24
Nitrobenzene
Concen: 38.467 ng
RT: 9.02 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	33.0	49.6
65	14.0	13.0	19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 34.903 ng

RT: 9.55 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

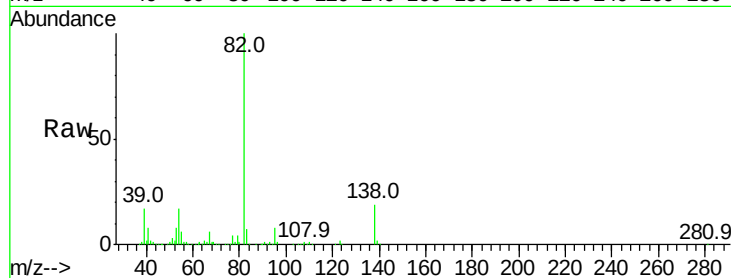
Tot Ion: 82 Resp: 486135

Ion Ratio Lower Upper

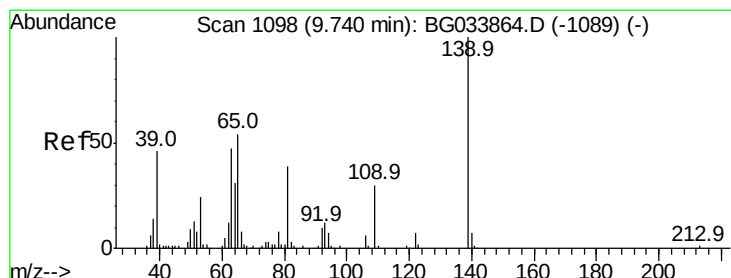
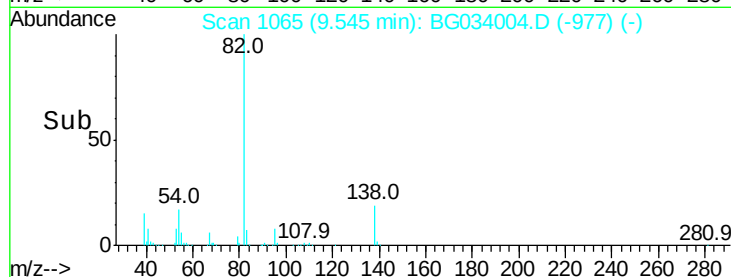
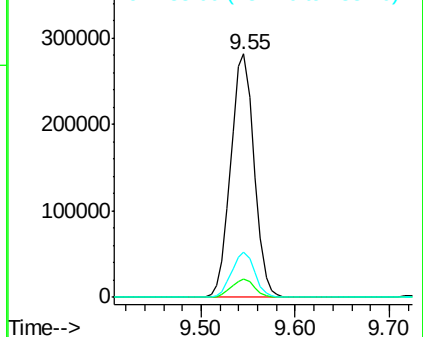
82 100

95 7.6 6.2 9.2

138 18.5 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: 46.167 ng

RT: 9.73 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

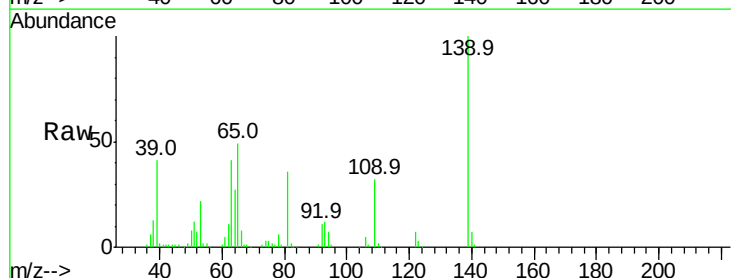
Tgt Ion: 139 Resp: 123144

Ion Ratio Lower Upper

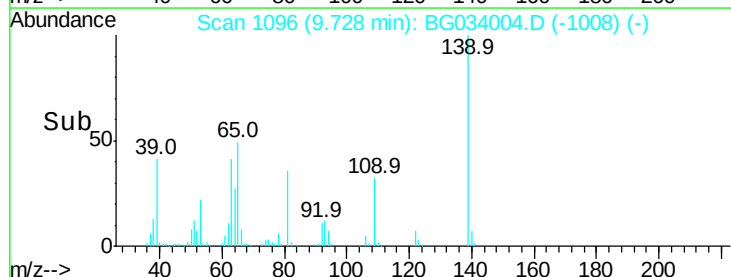
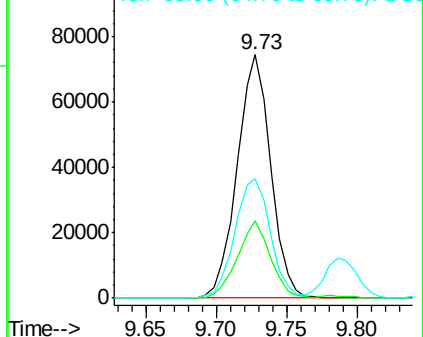
139 100

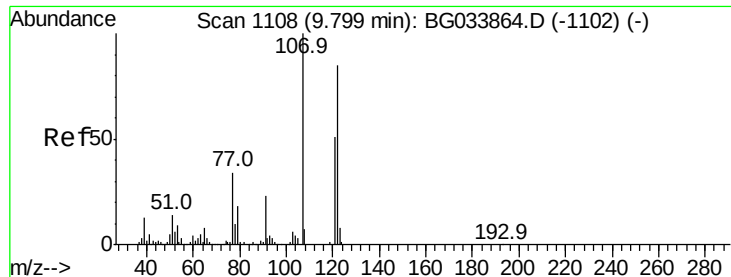
109 31.7 24.2 36.2

65 49.2 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

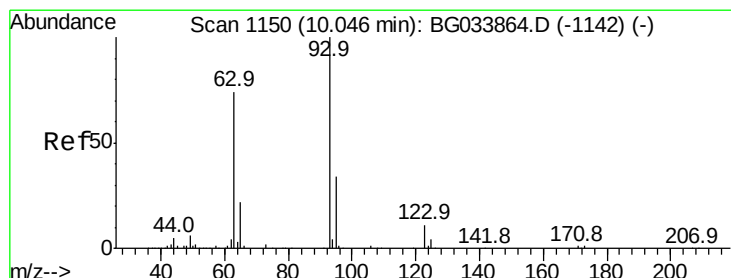
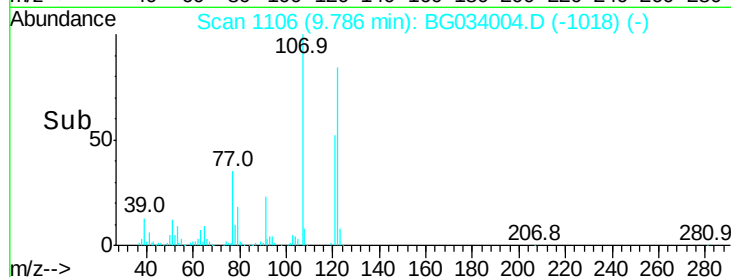
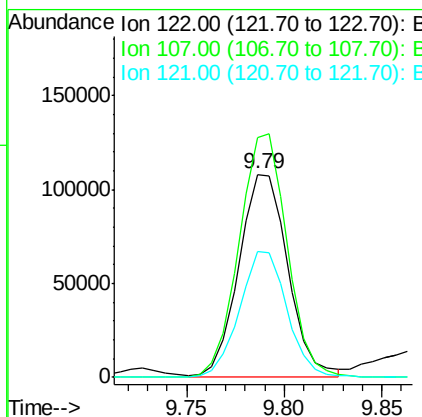
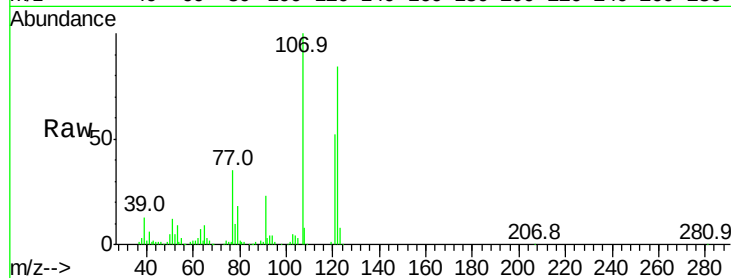




#27
 2,4-Dimethylphenol
 Concen: 37.614 ng
 RT: 9.79 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

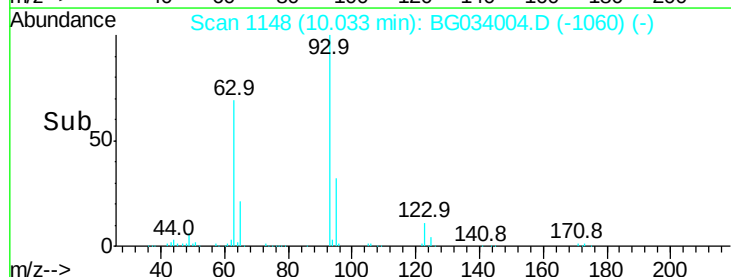
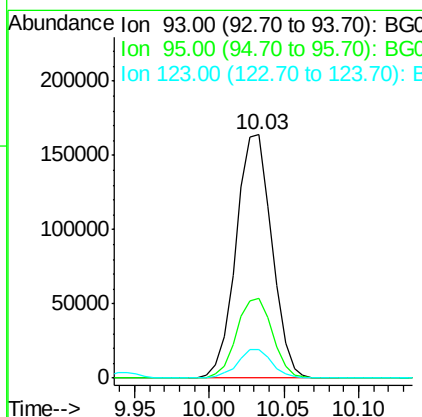
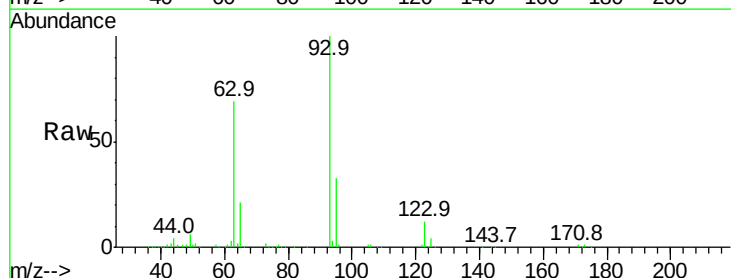
Instrument :
 BNA_G
 ClientSampleId :

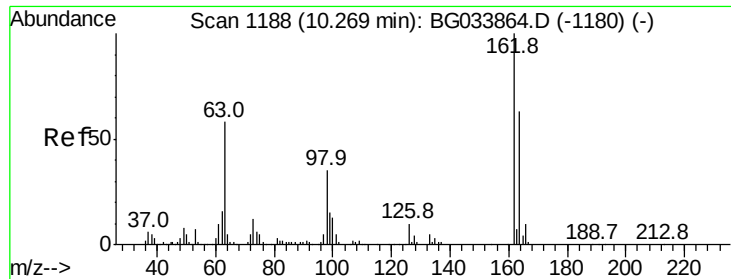
Tot Ion:122 Resp: 187660
 Ion Ratio Lower Upper
 122 100
 107 118.4 100.2 150.2
 121 61.7 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.134 ng
 RT: 10.03 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Tgt Ion: 93 Resp: 273342
 Ion Ratio Lower Upper
 93 100
 95 32.9 24.3 36.5
 123 11.6 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 39.555 ng

RT: 10.26 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

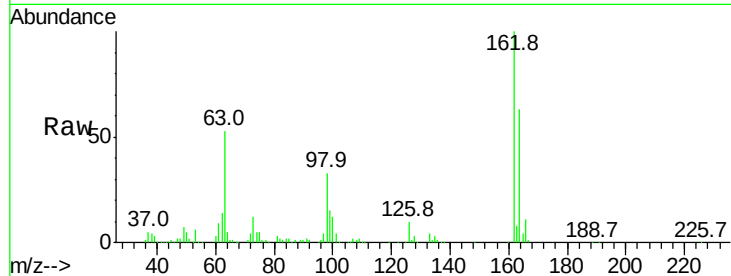
Tot Ion:162 Resp: 219995

Ion Ratio Lower Upper

162 100

164 62.7 48.0 88.0

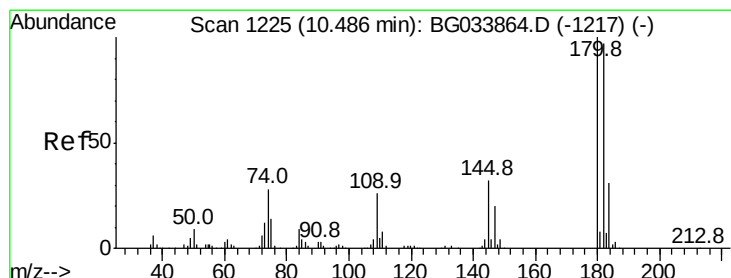
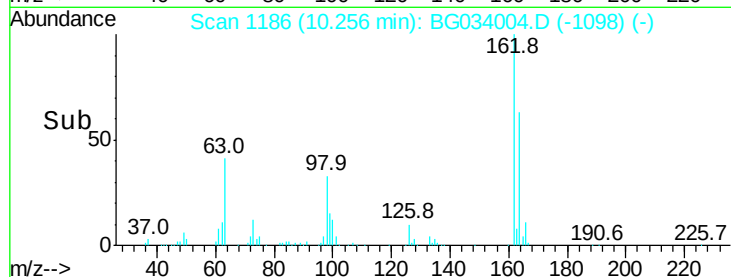
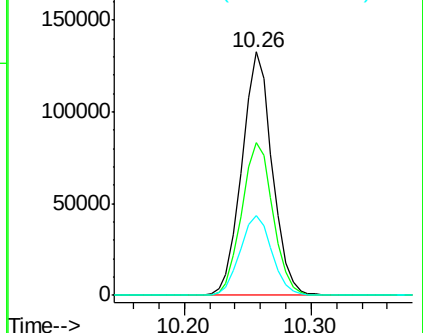
98 33.0 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.298 ng

RT: 10.47 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

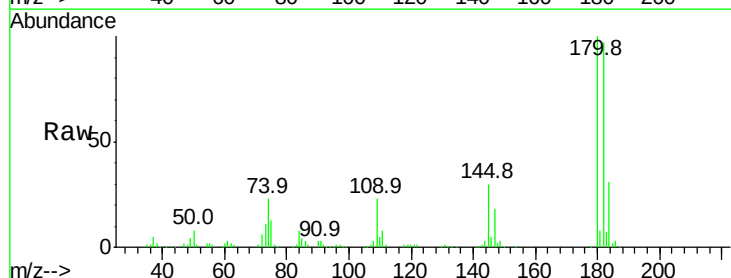
Tgt Ion:180 Resp: 251027

Ion Ratio Lower Upper

180 100

182 97.4 77.5 116.3

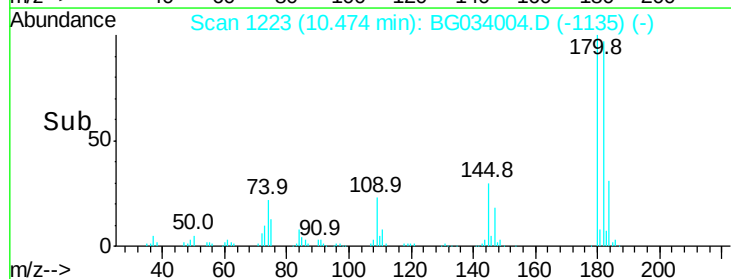
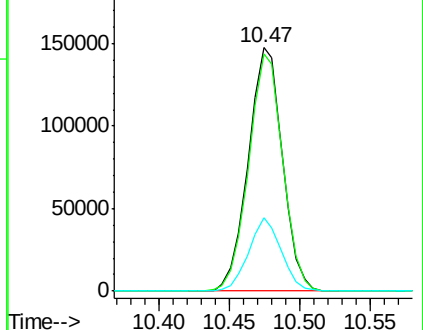
145 29.9 23.4 35.2

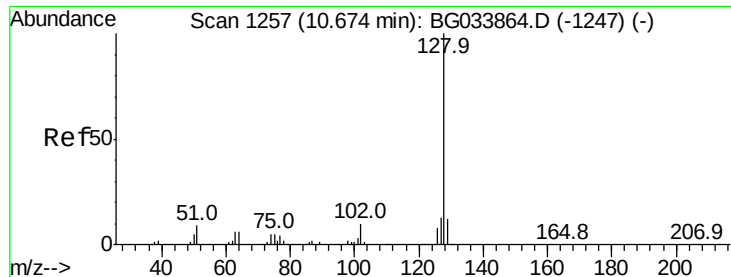


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

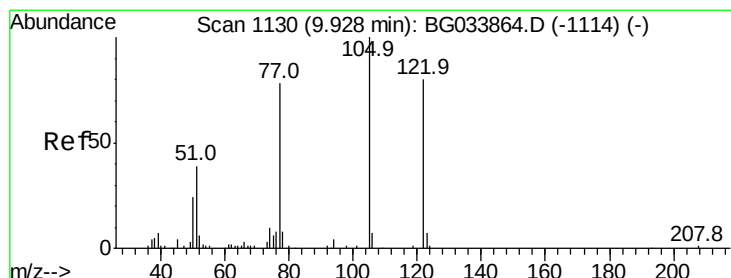
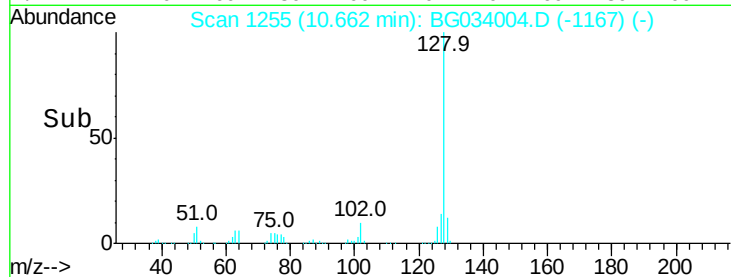
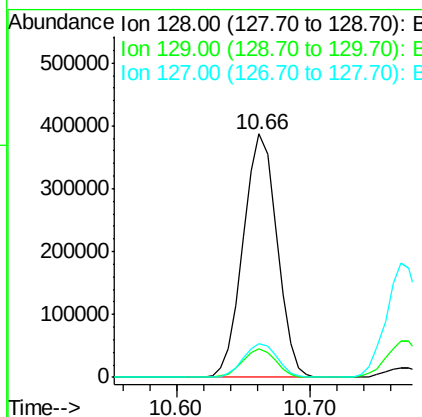
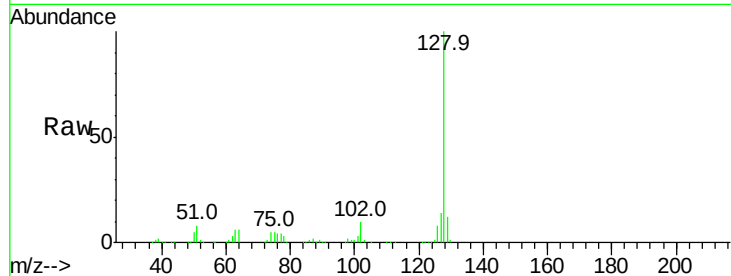




#31
Naphthalene
Concen: 37.332 ng
RT: 10.66 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

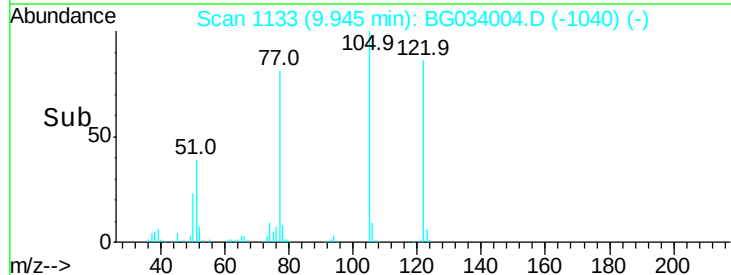
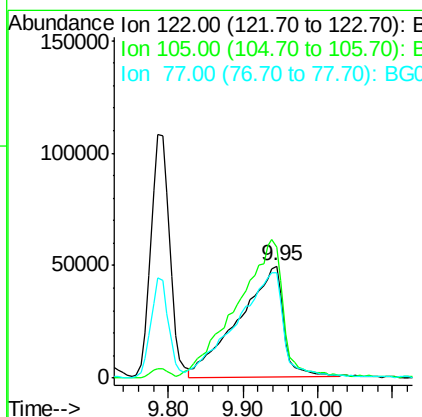
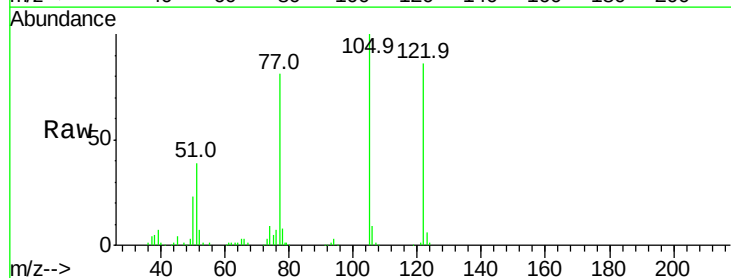
Instrument :
BNA_G
ClientSampleId :

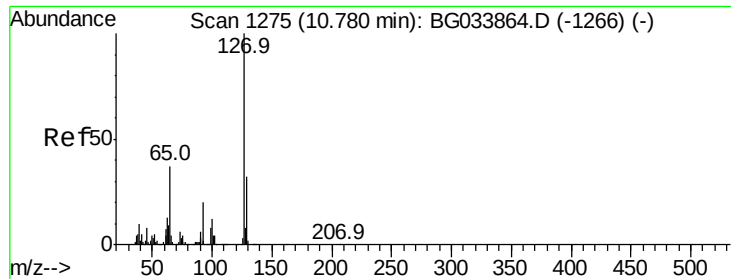
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.7	11.6	17.4



#32
Benzoic acid
Concen: 41.605 ng
RT: 9.95 min Scan# 1133
Delta R.T. 0.02 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.7	123.5	163.5#
77	94.6	85.7	125.7

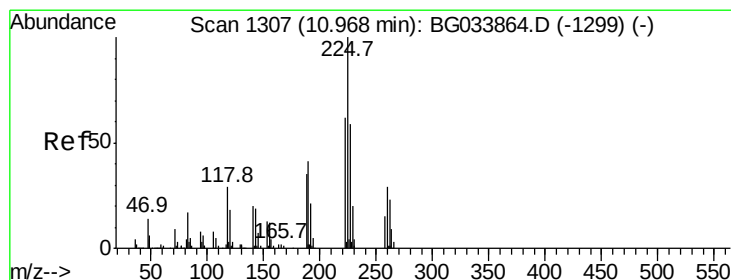
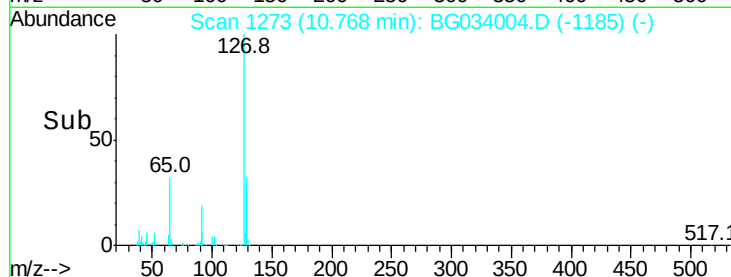
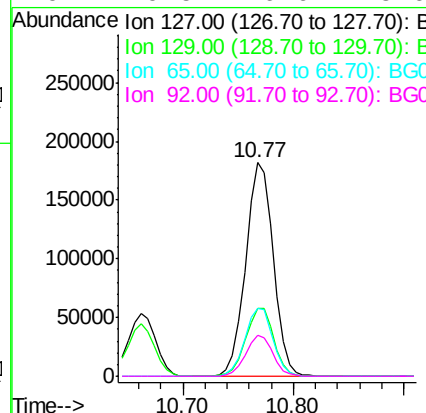
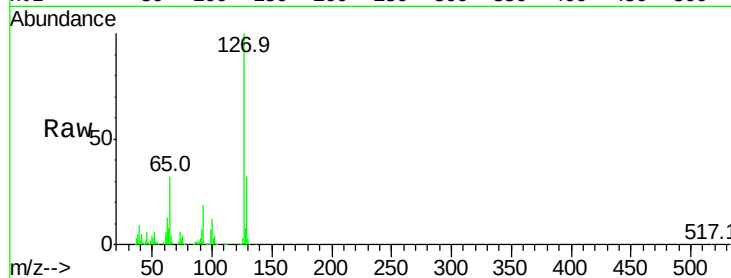




#33
4-Chloroaniline
Concen: 37.525 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

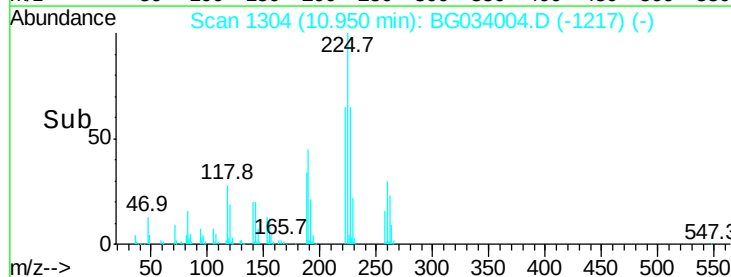
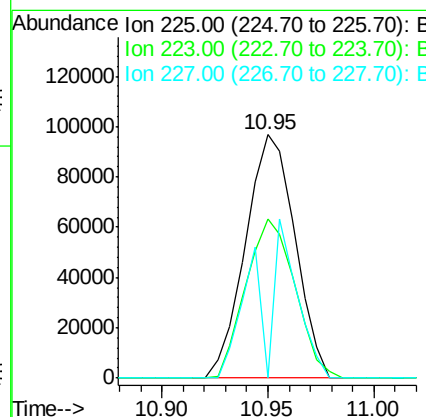
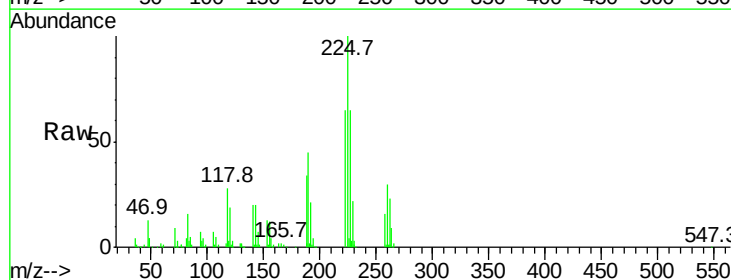
Instrument :
BNA_G
ClientSampled :

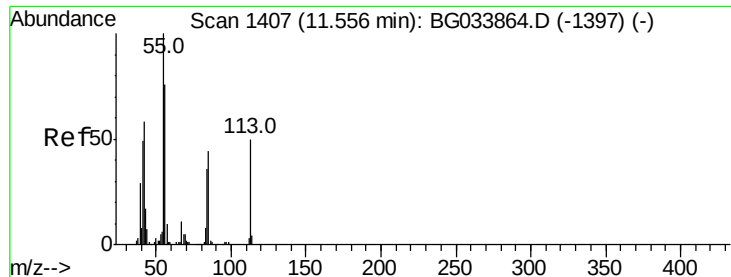
Tot Ion:	127	Resp:	319769
Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.0	36.0
65	31.8	27.0	40.4
92	19.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 42.217 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

Tgt Ion:	225	Resp:	157324
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	2.6	48.1	72.1#

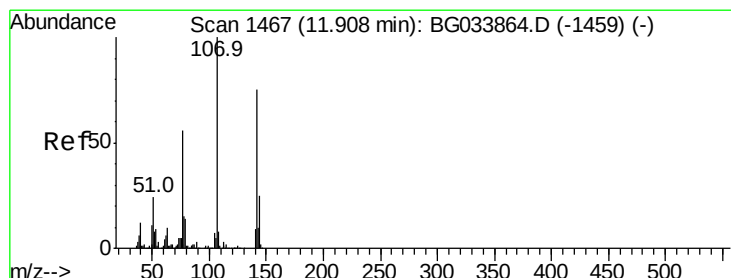
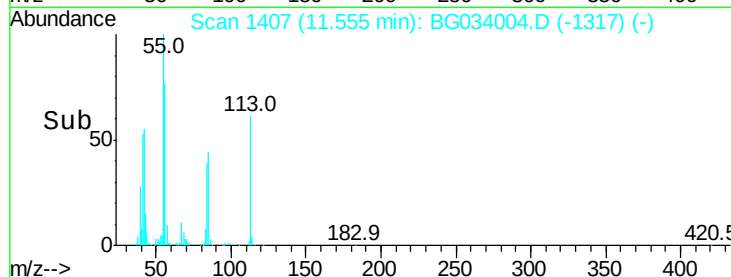
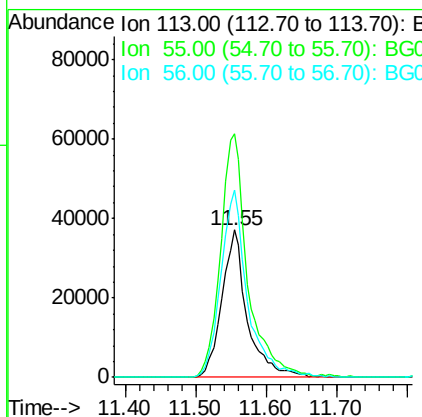
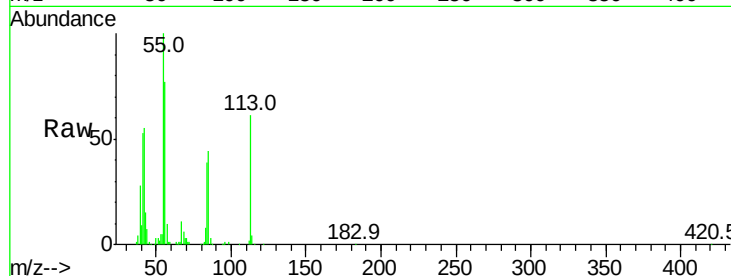




#35
Caprolactam
Concen: 39.359 ng
RT: 11.55 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

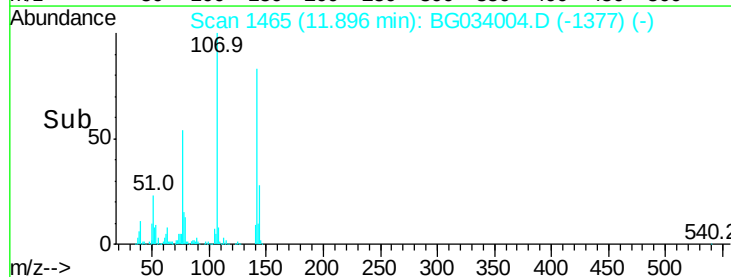
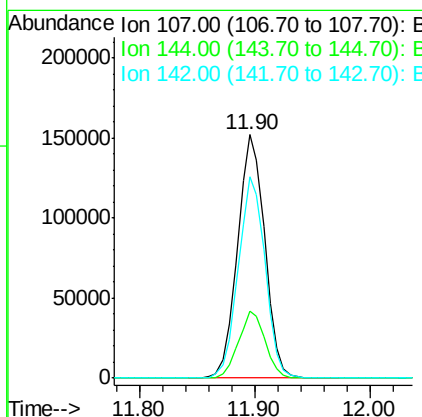
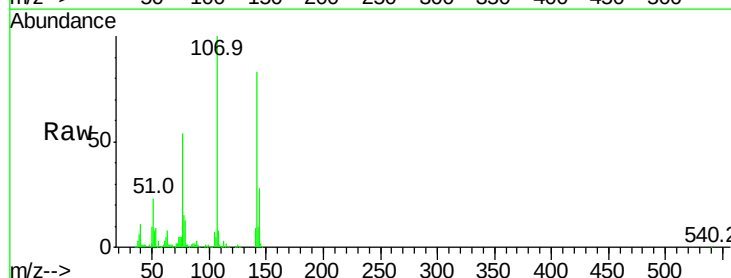
Instrument :
BNA_G
ClientSampleId :

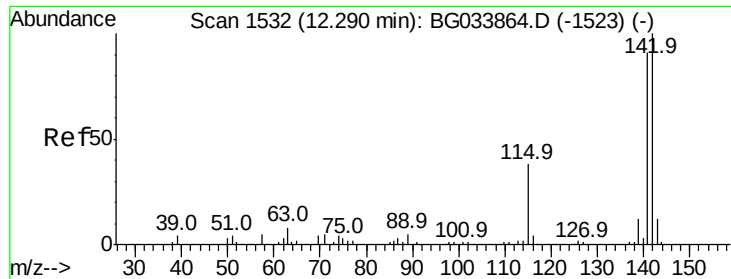
Tot Ion:113 Resp: 93068
Ion Ratio Lower Upper
113 100
55 165.3 186.9 226.9#
56 127.2 130.9 170.9#



#36
4-Chloro-3-methylphenol
Concen: 36.484 ng
RT: 11.90 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

Tgt Ion:107 Resp: 247658
Ion Ratio Lower Upper
107 100
144 27.7 18.2 27.4#
142 82.9 59.0 88.4

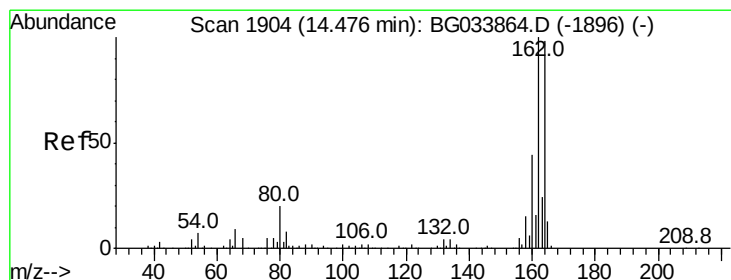
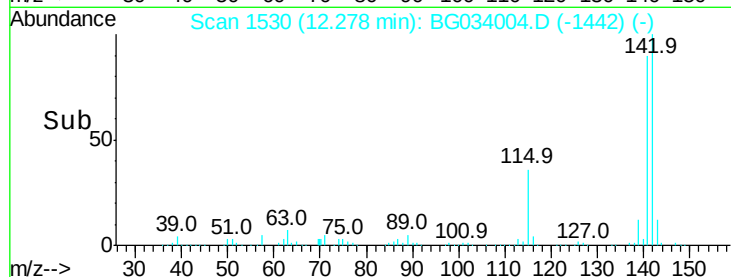
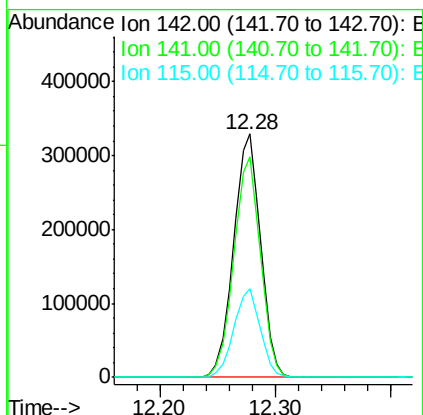
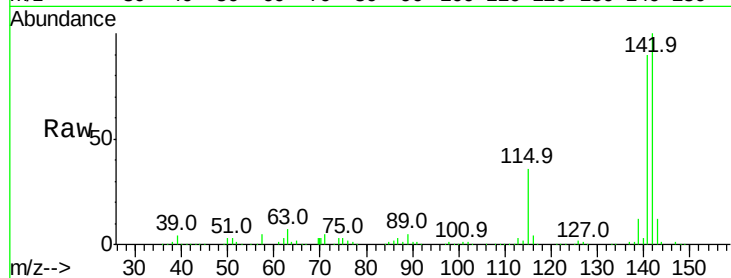




#37
 2-Methylnaphthalene
 Concen: 38.178 ng
 RT: 12.28 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

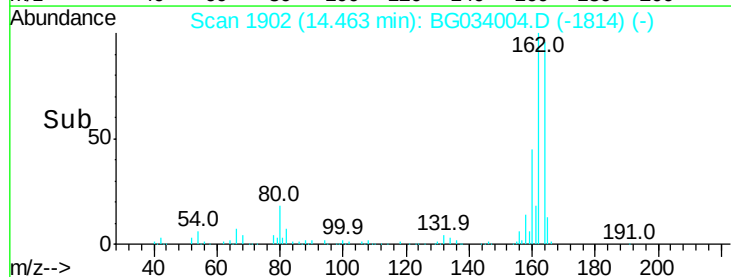
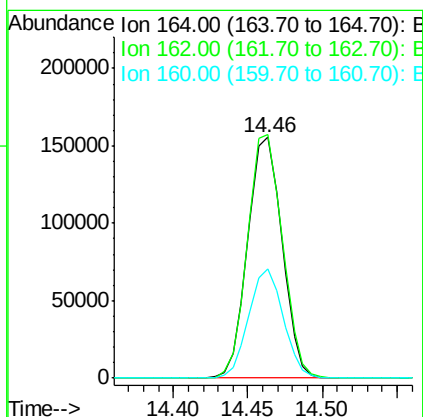
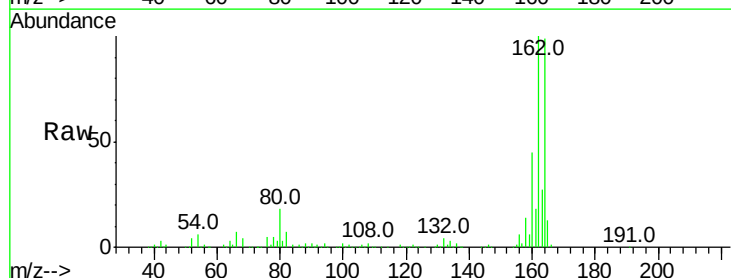
Instrument :
 BNA_G
 ClientSampleId :

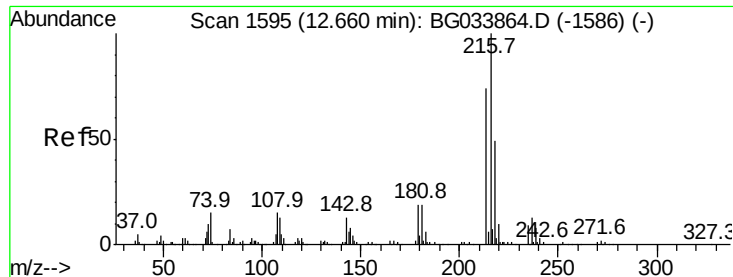
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	67.1	100.7
115	36.4	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	45.1	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.960 ng

RT: 12.65 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 327766

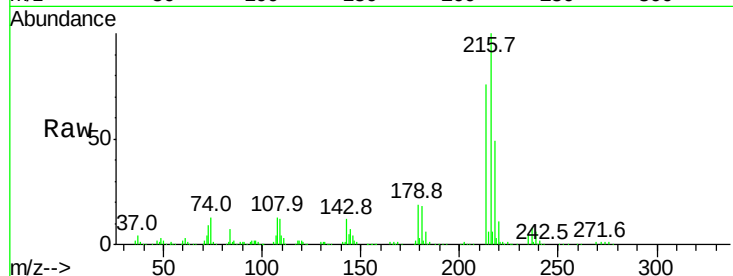
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 19.1 17.0 25.6

108 15.0 12.8 19.2

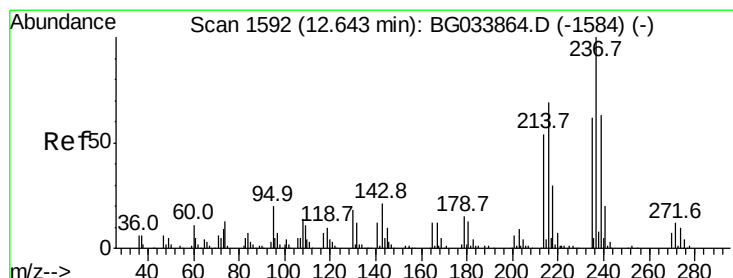
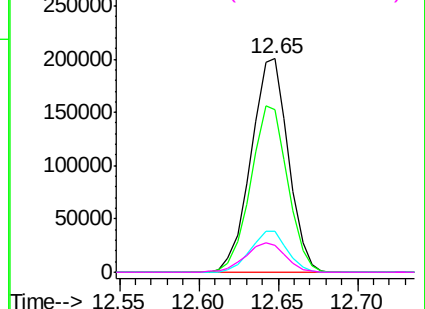
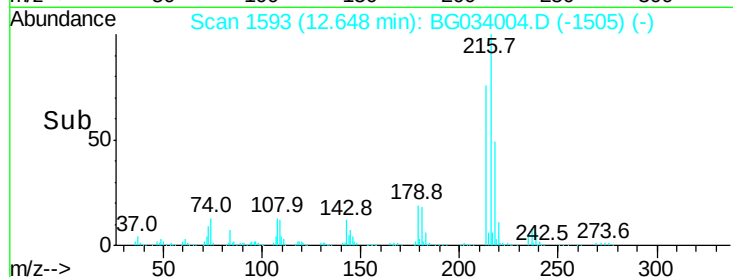


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.969 ng

RT: 12.63 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

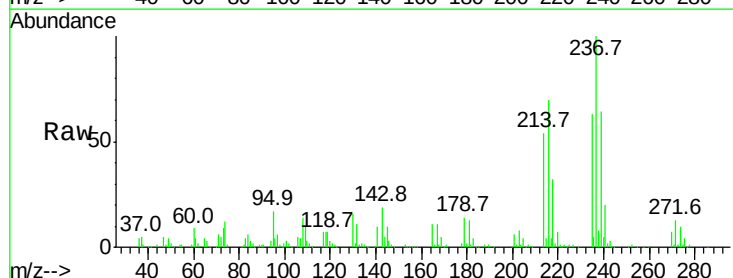
Tgt Ion:237 Resp: 184770

Ion Ratio Lower Upper

237 100

235 63.1 50.4 90.4

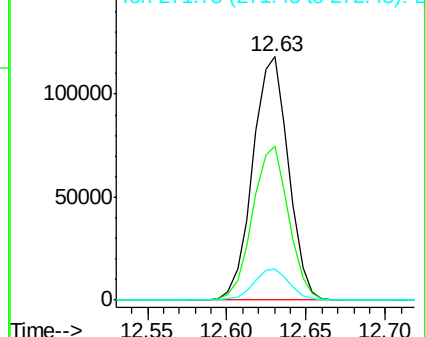
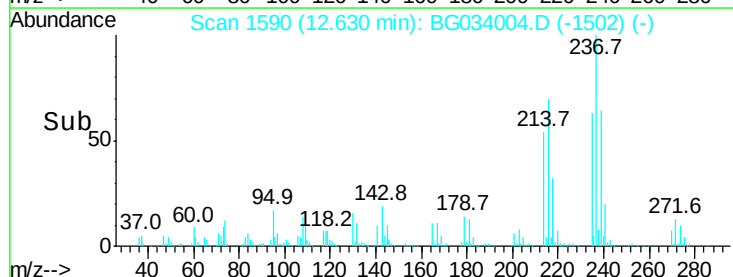
272 12.5 0.0 31.8

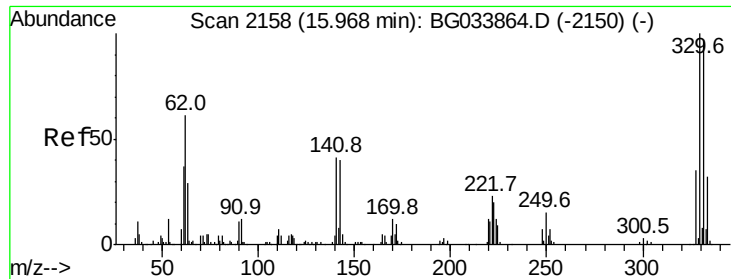


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

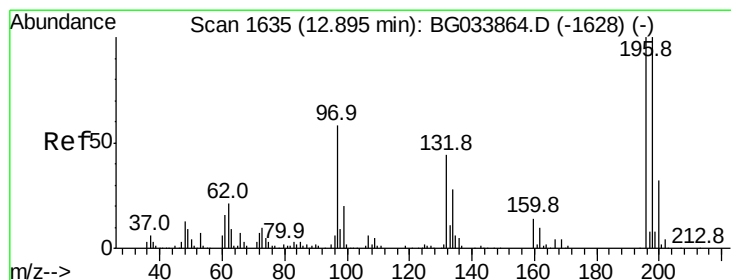
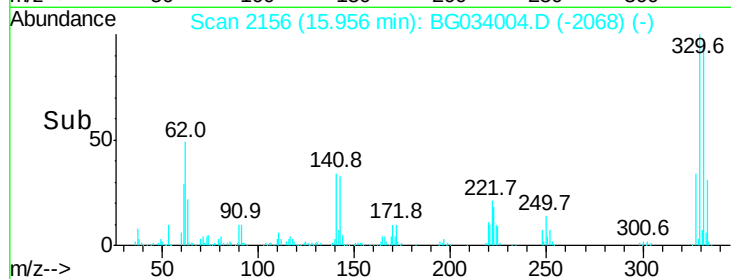
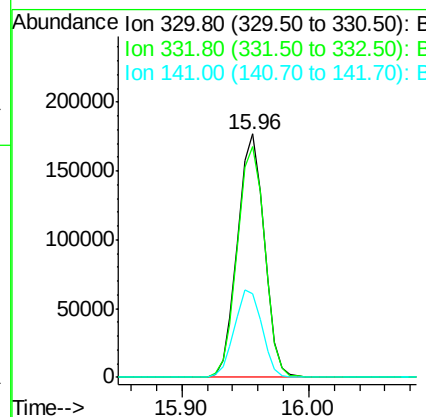
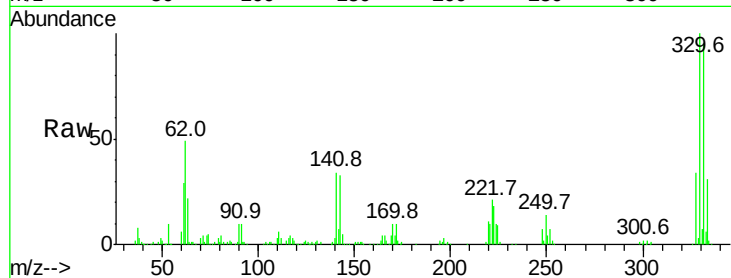




#41
 2,4,6-Tribromophenol
 Concen: 89.592 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

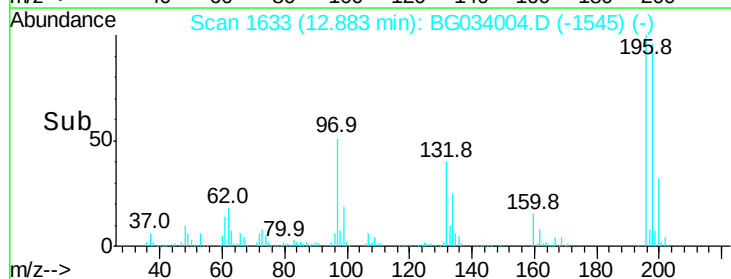
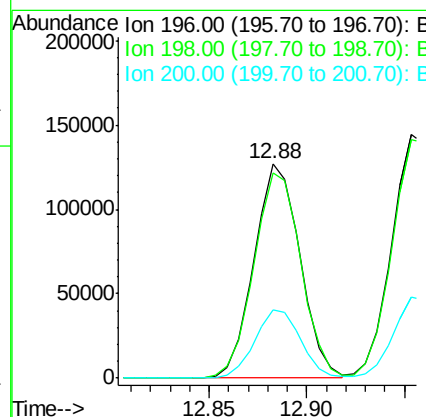
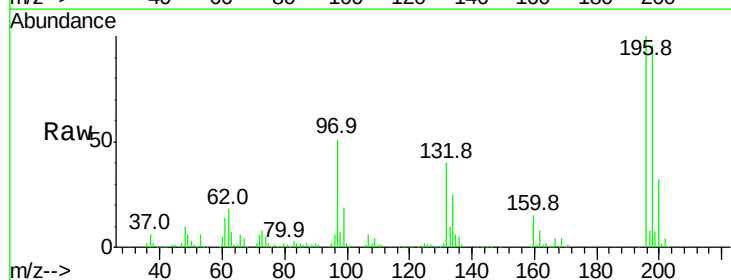
Instrument :
 BNA_G
 ClientSampleId :

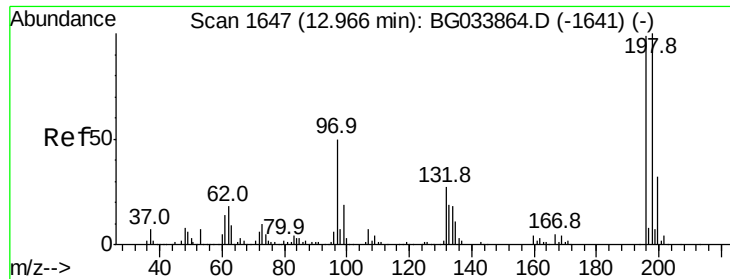
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	37.0	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 41.445 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.5	78.2	117.2
200	33.9	24.6	36.8

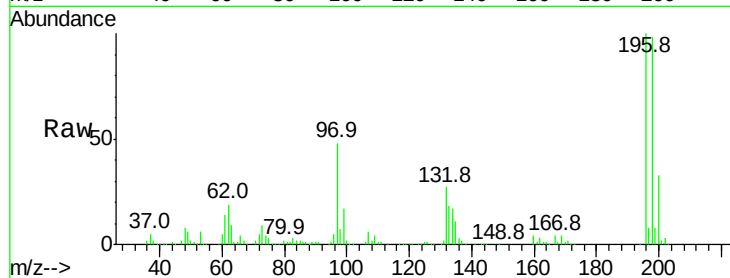




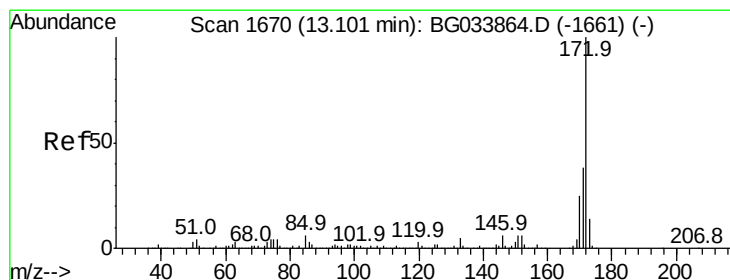
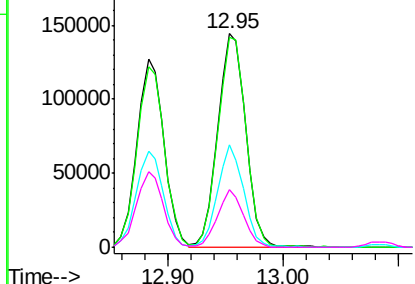
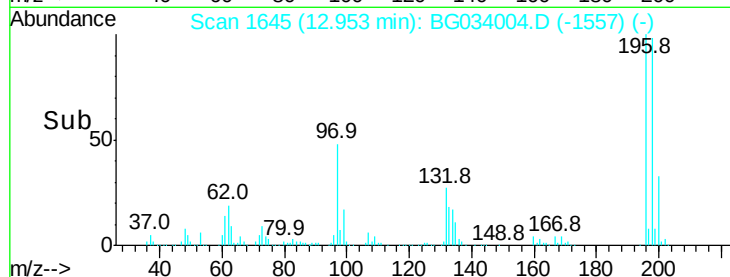
#43
 2,4,5-Trichlorophenol
 Concen: 42.052 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 241774
 Ion Ratio Lower Upper
 196 100
 198 98.0 76.2 114.4
 97 47.8 38.7 58.1
 132 26.9 20.2 30.2

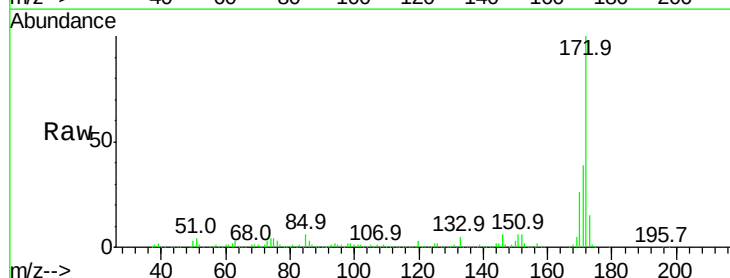


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

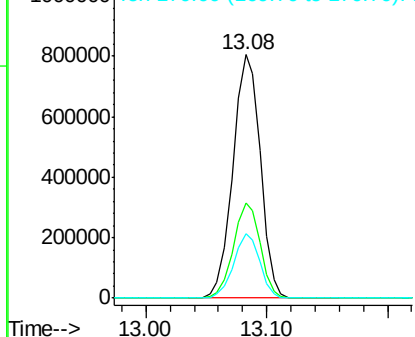
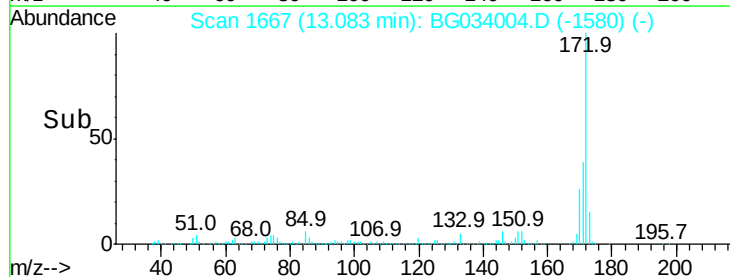


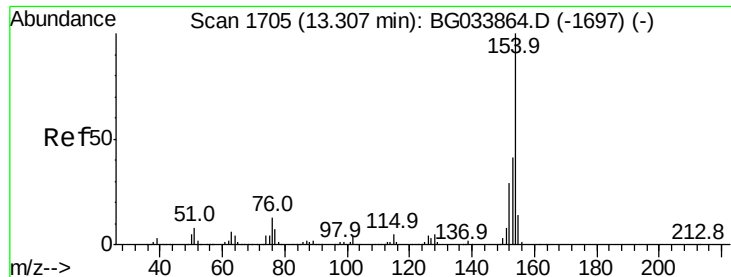
#44
 2-Fluorobiphenyl
 Concen: 75.694 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Tgt Ion:172 Resp: 1272777
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.0 45.0
 170 26.2 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

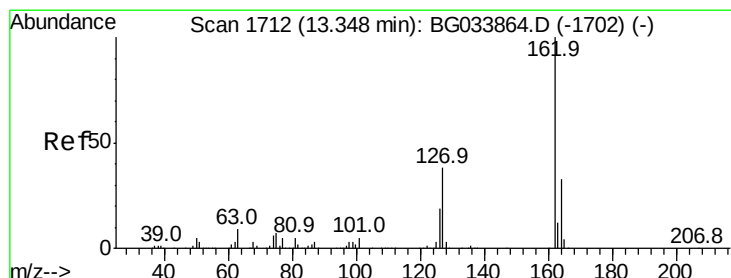
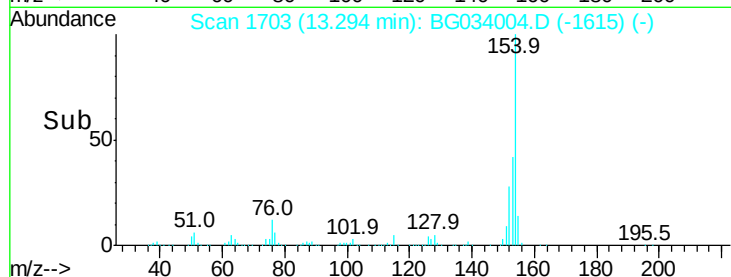
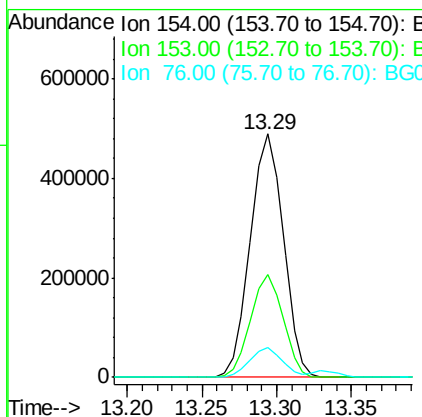
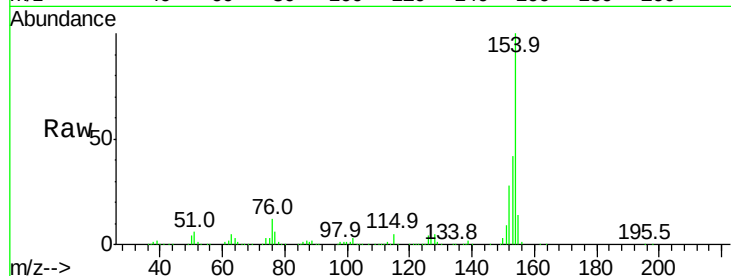




#45
 1,1'-Biphenyl
 Concen: 37.672 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

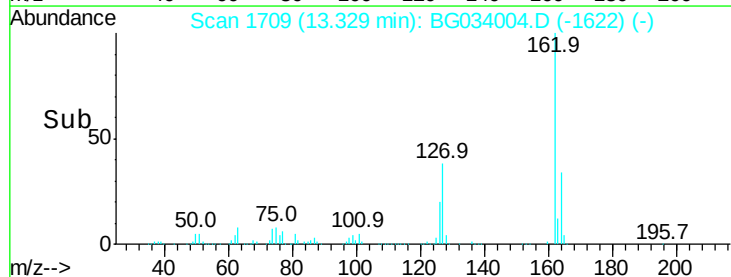
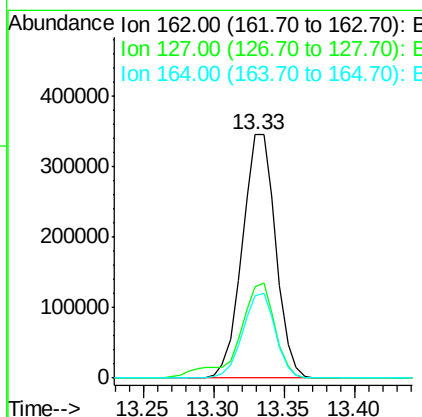
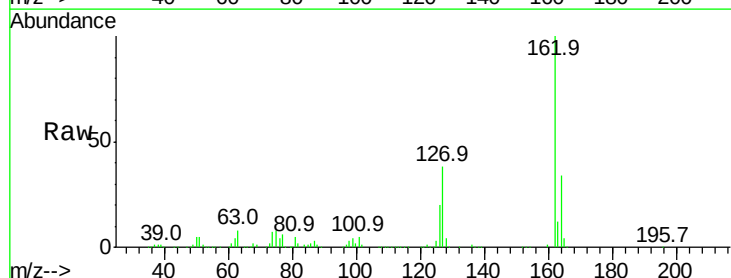
Instrument :
 BNA_G
 ClientSampleId :

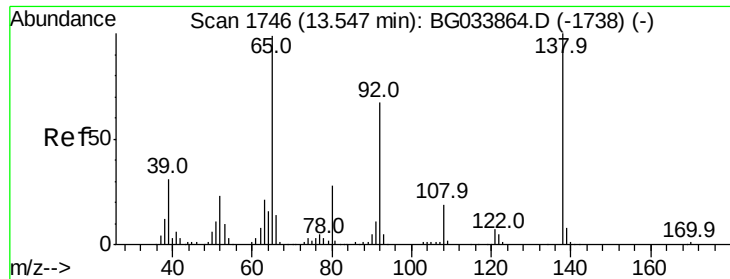
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	19.8	59.8
76	12.3	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 37.658 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.7	46.1
164	33.9	26.0	39.0

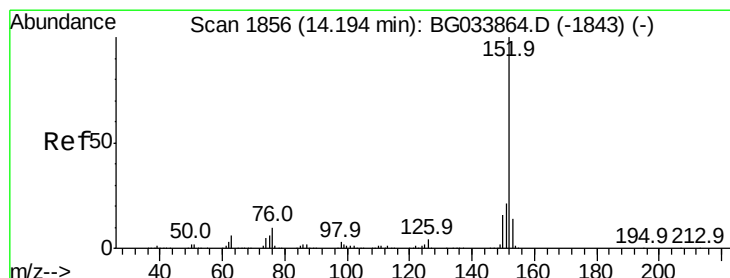
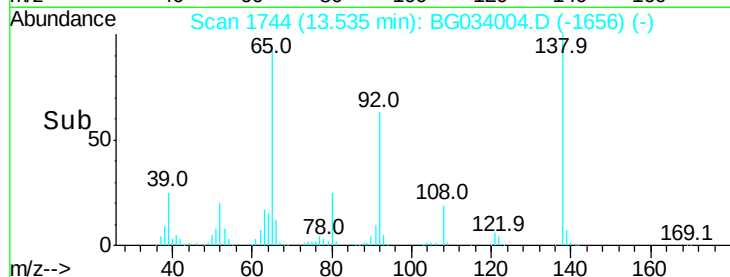
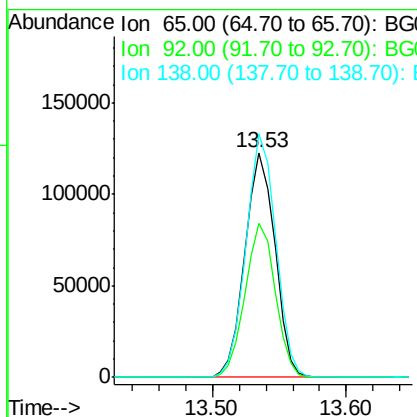
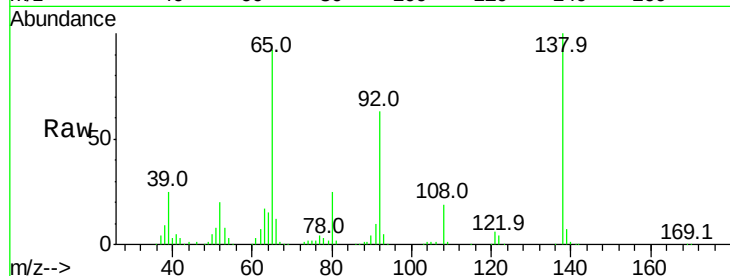




#47
 2-Nitroaniline
 Concen: 40.366 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

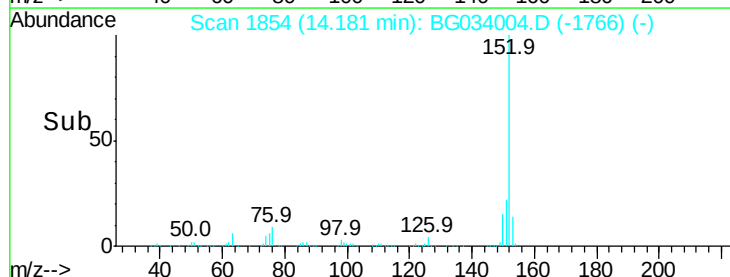
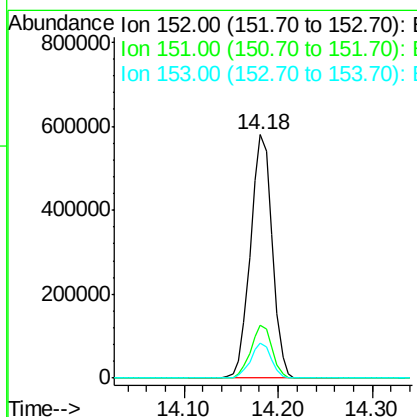
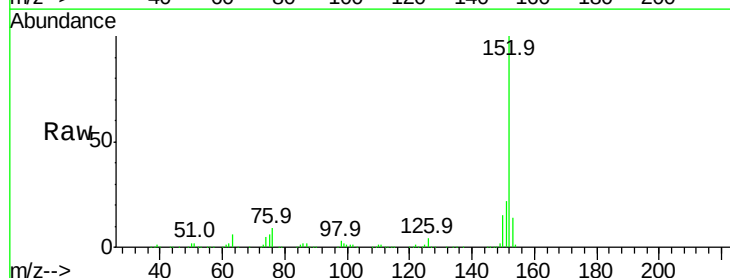
Instrument :
 BNA_G
 ClientSampleId :

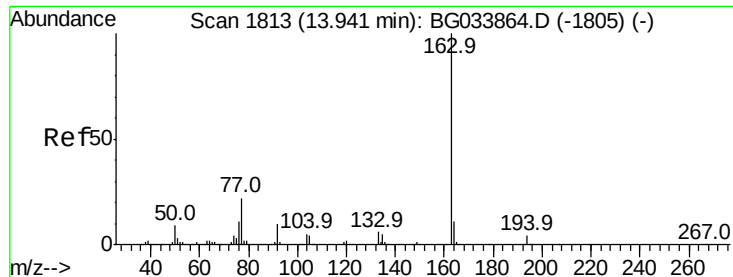
Tot Ion:	65	Resp:	191087
Ion	Ratio	Lower	Upper
65	100		
92	68.6	54.6	82.0
138	108.5	72.9	109.3



#48
 Acenaphthylene
 Concen: 36.749 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Tgt Ion:	152	Resp:	926162
Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.2	25.8
153	14.1	10.2	15.4

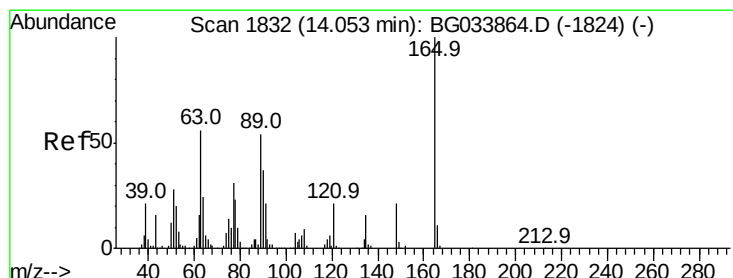
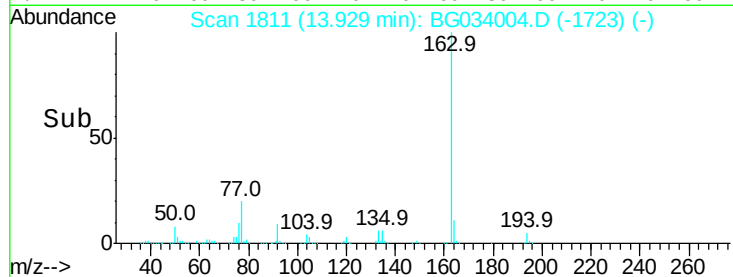
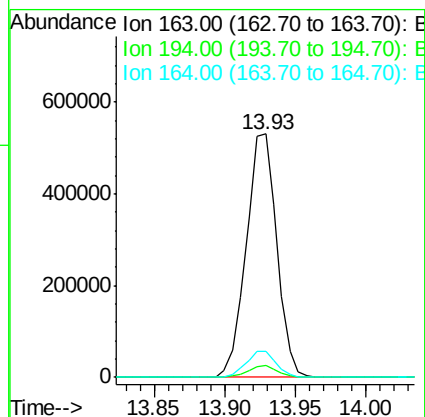
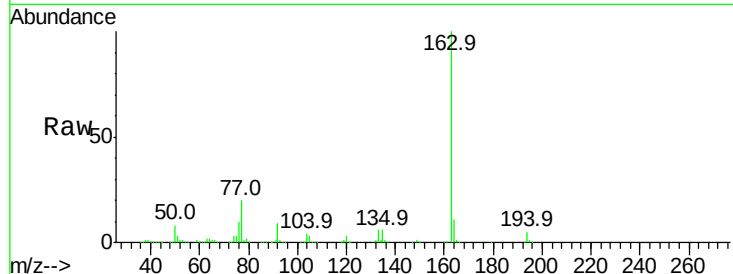




#49
Dimethylphthalate
Concen: 36.985 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

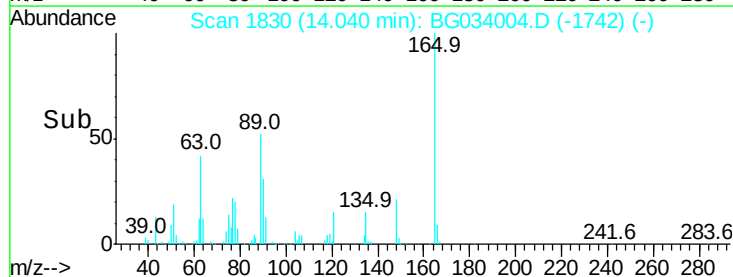
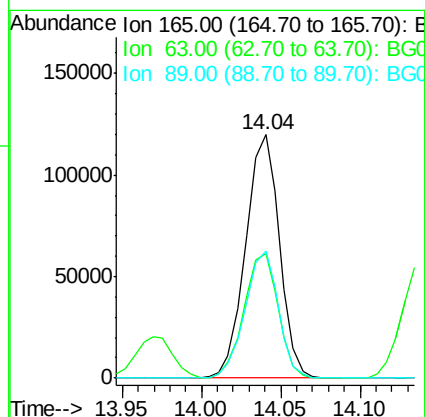
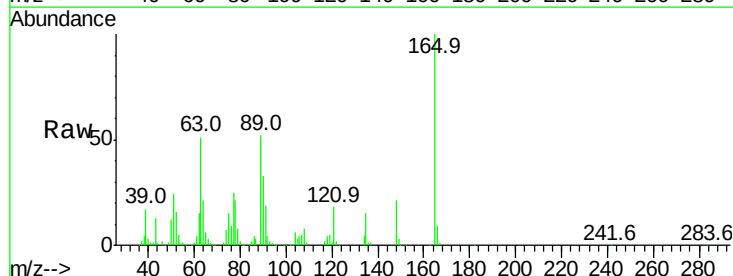
Instrument :
BNA_G
ClientSampleId :

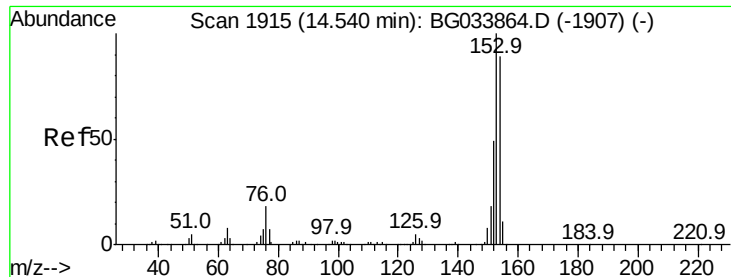
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.6	8.2	12.4



#50
2,6-Dinitrotoluene
Concen: 42.994 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.3	52.7	79.1#
89	52.2	49.2	73.8





#51

Acenaphthene

Concen: 36.978 ng

RT: 14.53 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

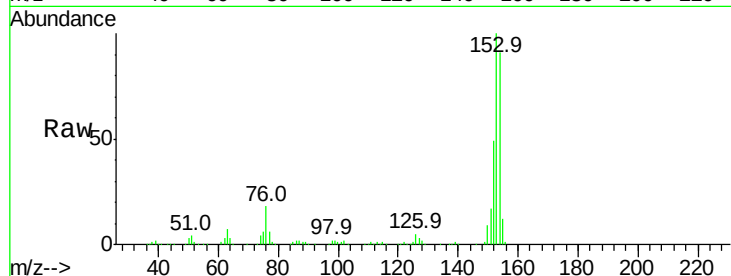
Tot Ion:154 Resp: 585430

Ion Ratio Lower Upper

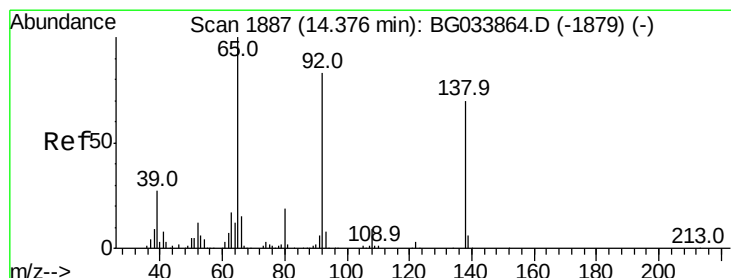
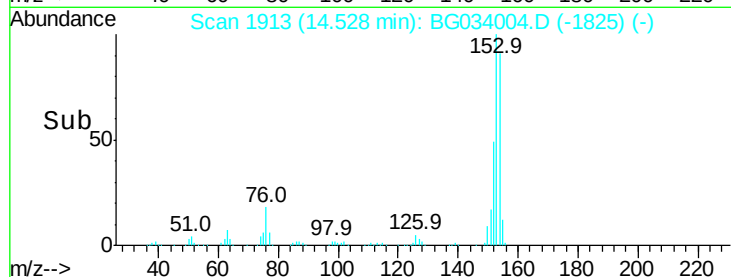
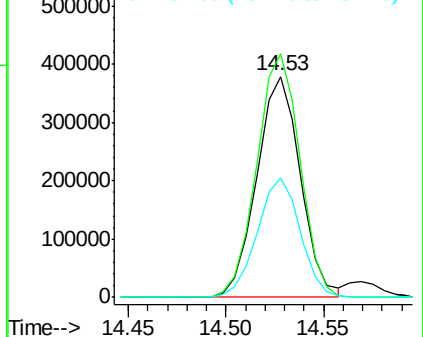
154 100

153 110.4 90.4 135.6

152 54.1 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: 43.036 ng

RT: 14.37 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

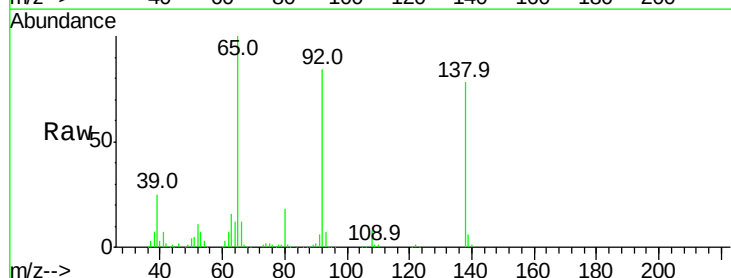
Tgt Ion:138 Resp: 192425

Ion Ratio Lower Upper

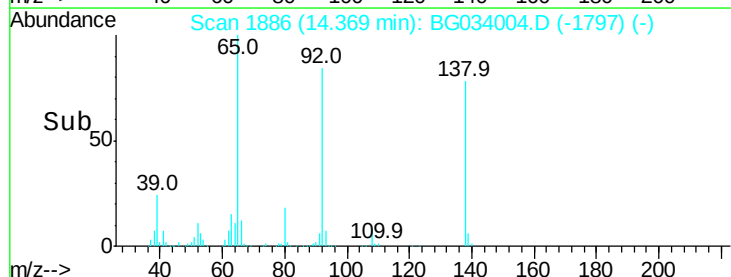
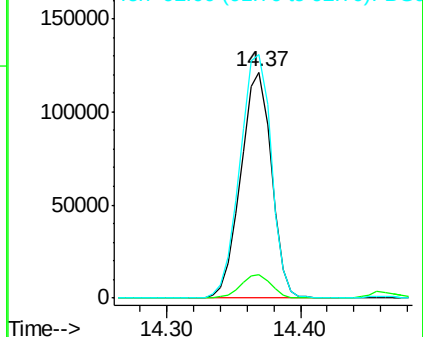
138 100

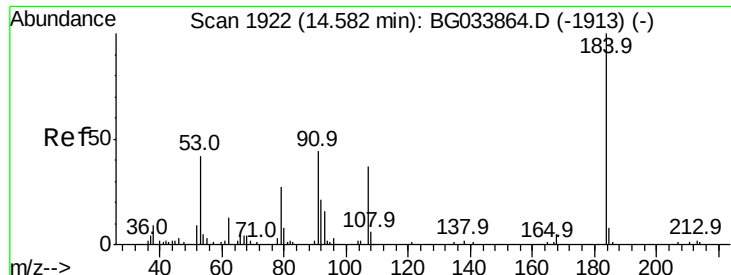
108 10.4 17.5 26.3#

92 107.7 105.8 158.8



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

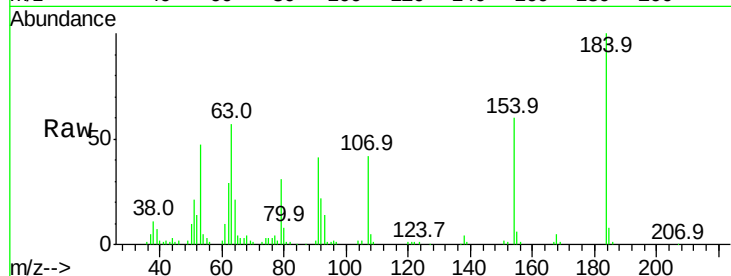




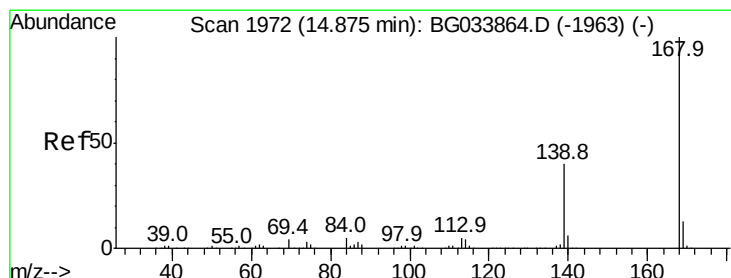
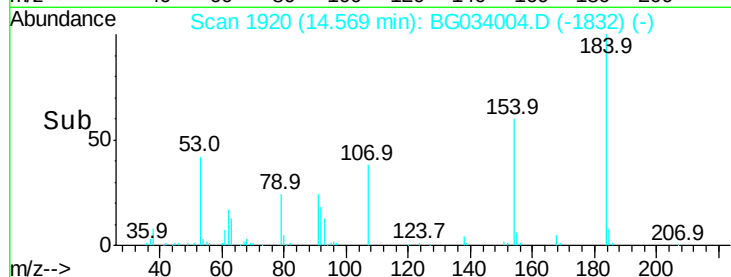
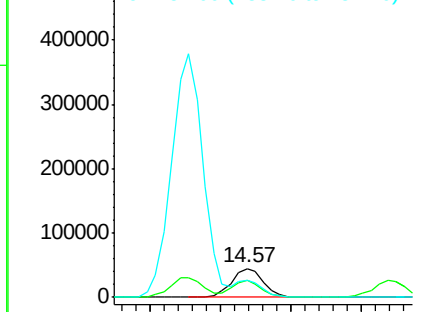
#53
 2,4-Dinitrophenol
 Concen: 47.698 ng
 RT: 14.57 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 70241
 Ion Ratio Lower Upper
 184 100
 63 57.3 59.8 89.8#
 154 59.6 101.8 152.8#

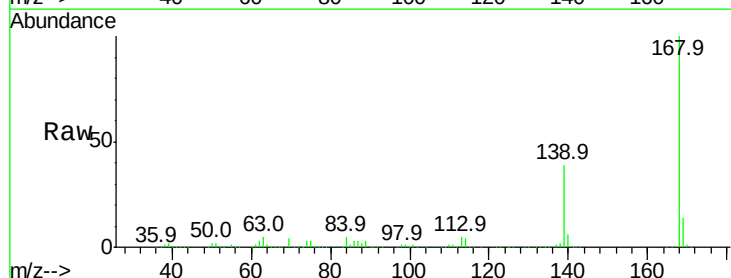


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

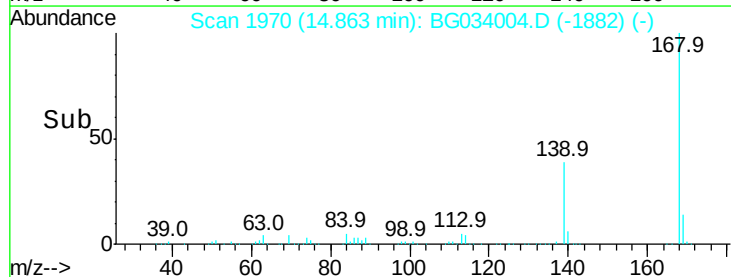
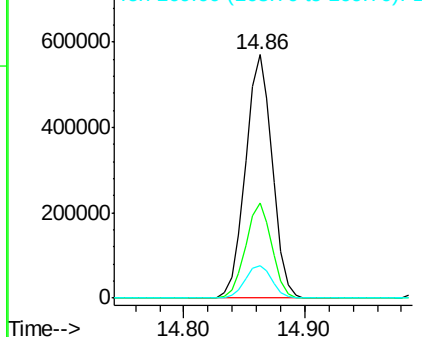


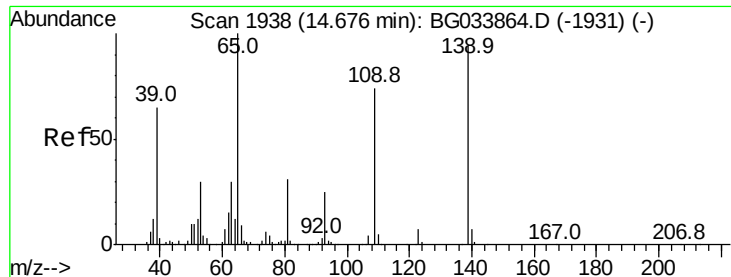
#54
 Dibenzofuran
 Concen: 37.351 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Tgt Ion:168 Resp: 876693
 Ion Ratio Lower Upper
 168 100
 139 39.0 28.6 43.0
 169 13.5 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

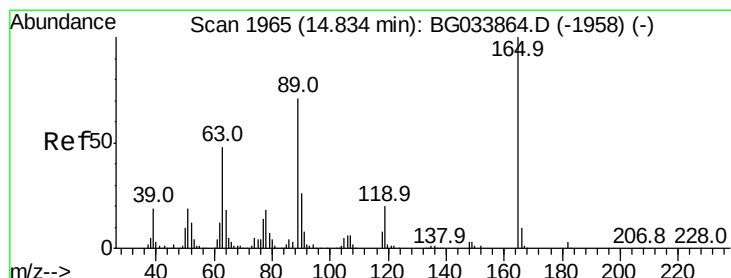
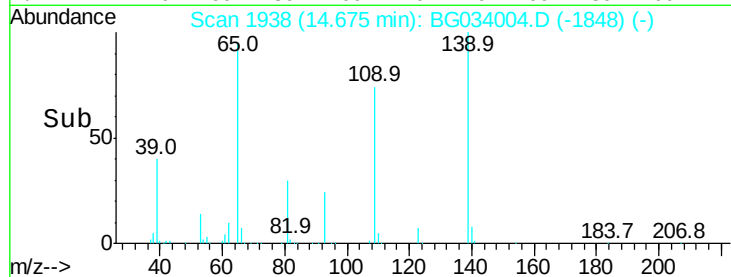
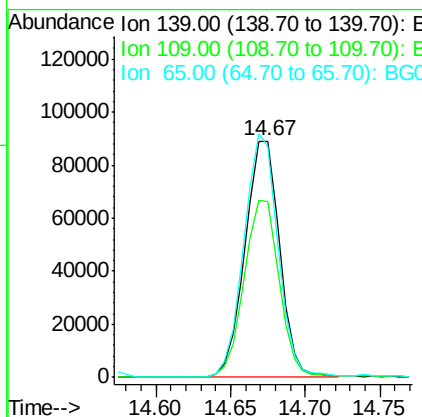
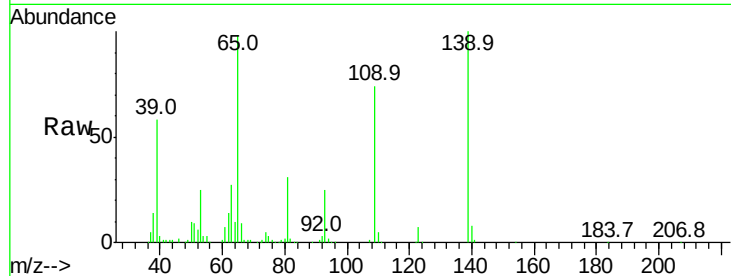




#55
4-Nitrophenol
Concen: 40.798 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

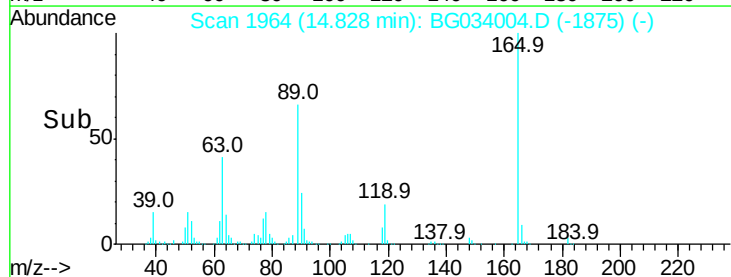
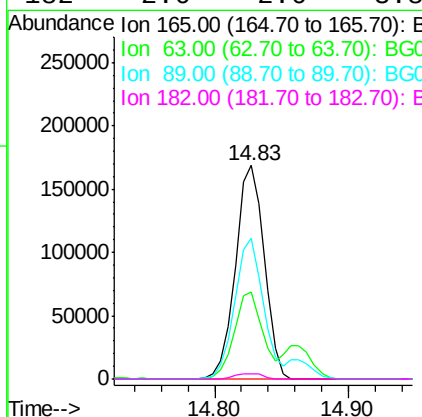
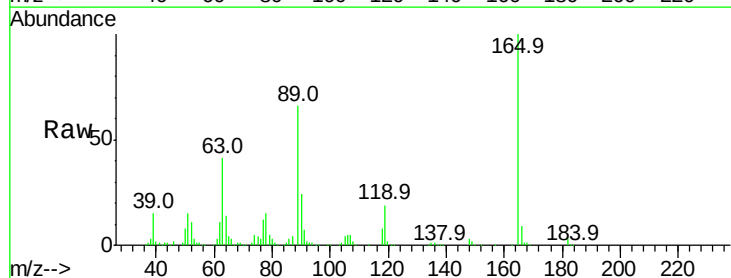
Instrument :
BNA_G
ClientSampleId :

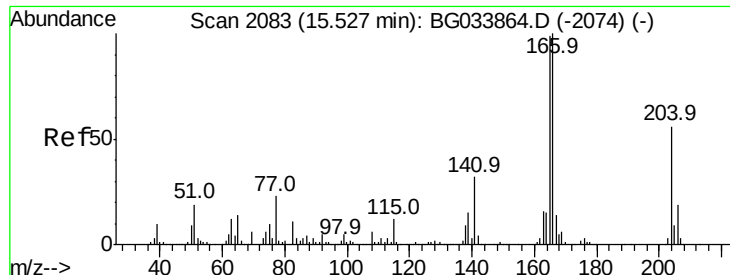
Tot Ion	Ratio	Lower	Upper
139	100		
109	74.2	62.2	102.2
65	97.7	97.2	137.2



#56
2,4-Dinitrotoluene
Concen: 45.906 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.9	42.0	63.0#
89	65.8	66.9	100.3#
182	2.6	2.6	3.8

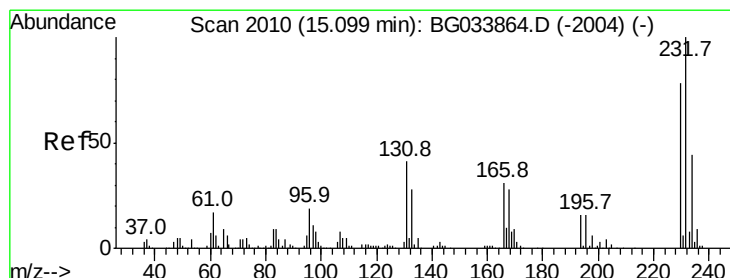
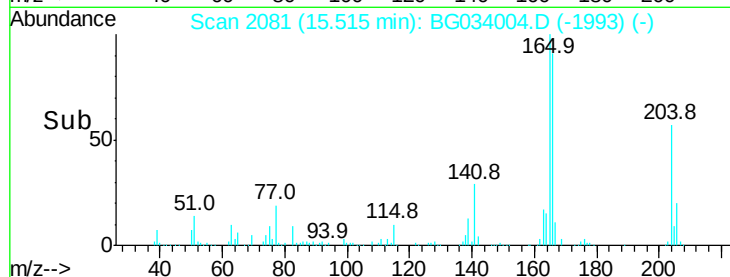
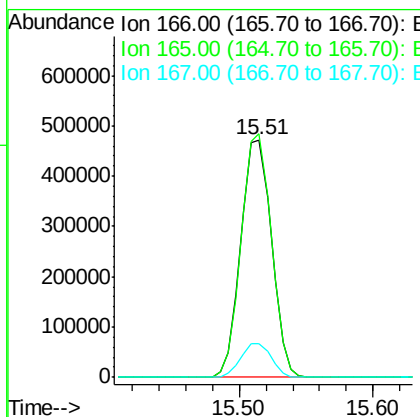
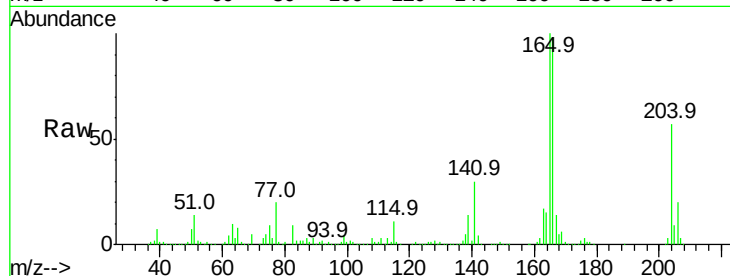




#57
 Fluorene
 Concen: 37.078 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

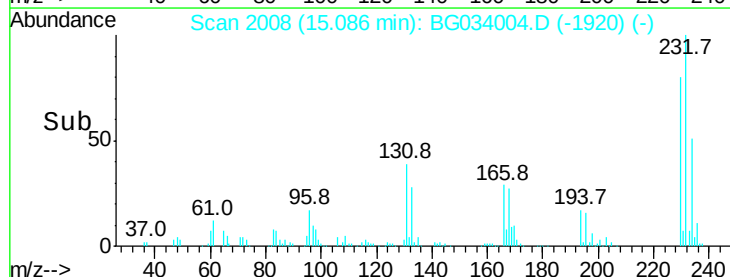
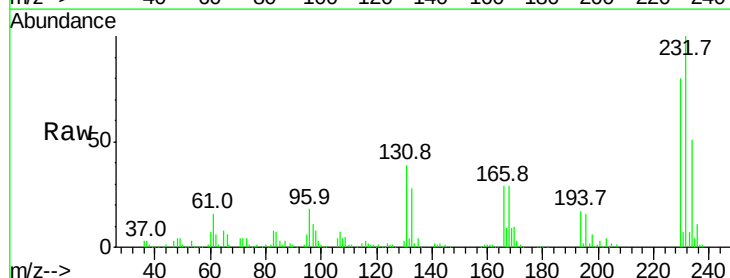
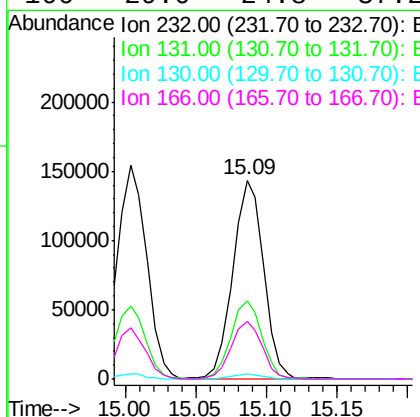
Instrument :
 BNA_G
 ClientSampleId :

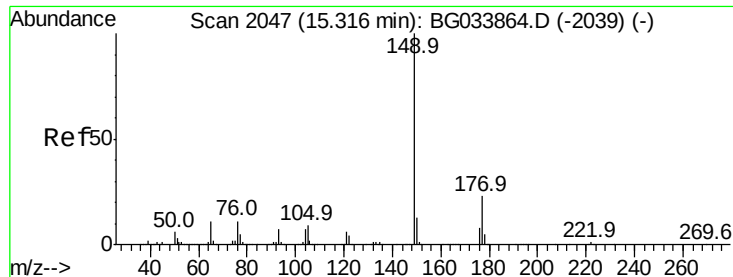
Tot Ion:166 Resp: 753108
 Ion Ratio Lower Upper
 166 100
 165 102.4 80.6 121.0
 167 14.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.567 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Tgt Ion:232 Resp: 218819
 Ion Ratio Lower Upper
 232 100
 131 38.9 33.5 50.3
 130 2.5 2.2 3.2
 166 29.0 24.8 37.2

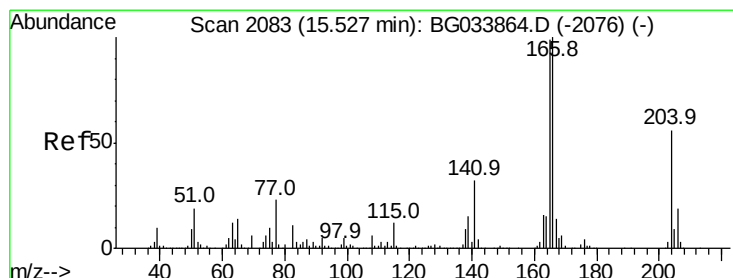
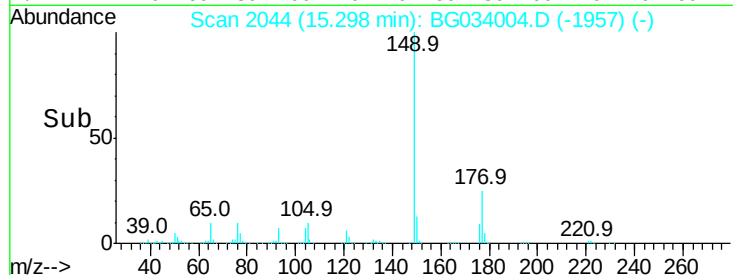
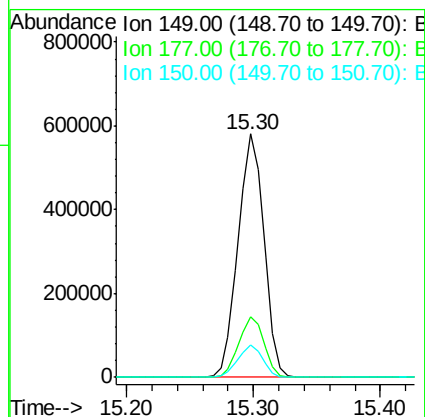
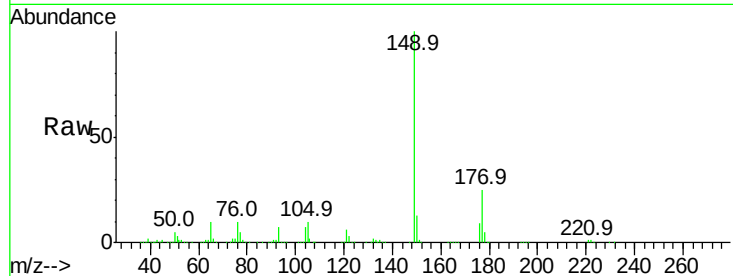




#59
Diethylphthalate
Concen: 35.618 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

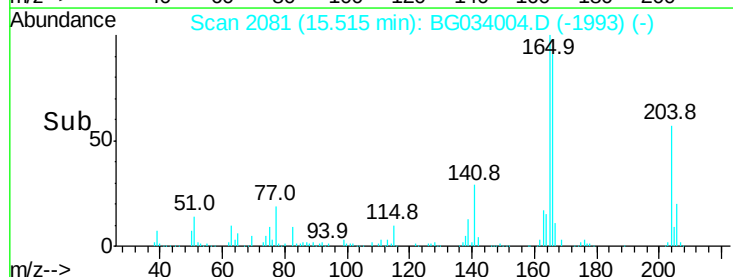
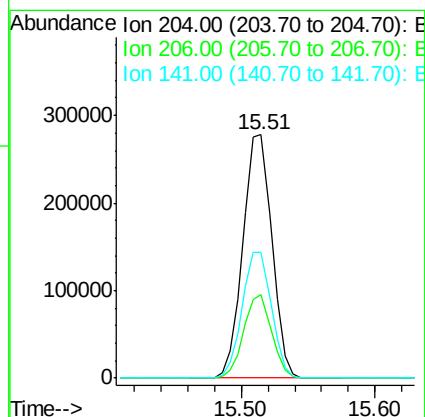
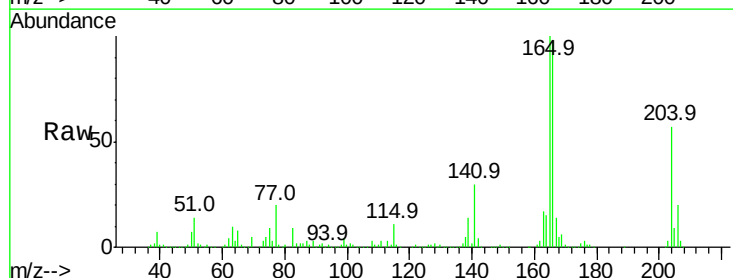
Instrument :
BNA_G
ClientSampleId :

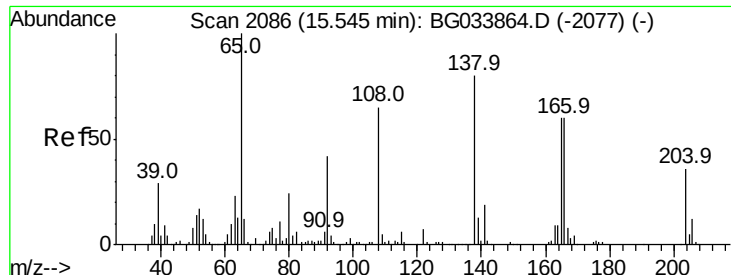
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.5	27.7
150	13.2	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.136 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	51.6	45.8	68.6

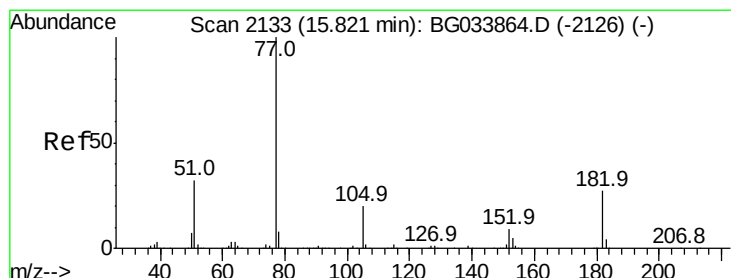
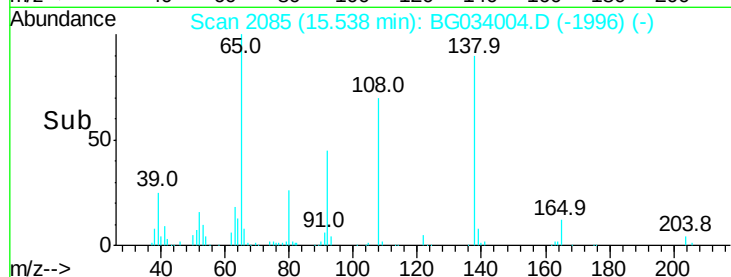
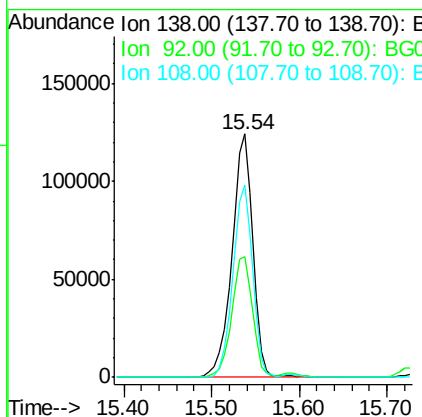
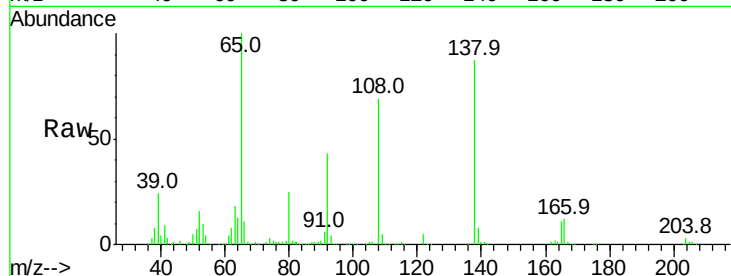




#61
4-Nitroaniline
Concen: 42.176 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

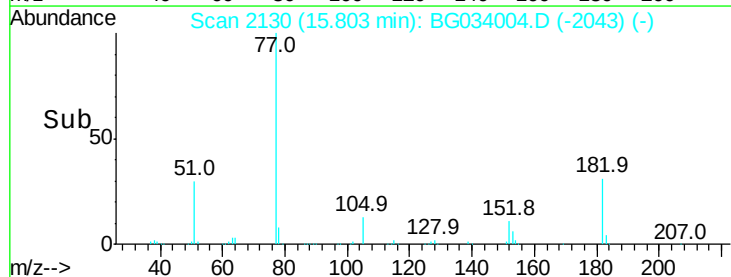
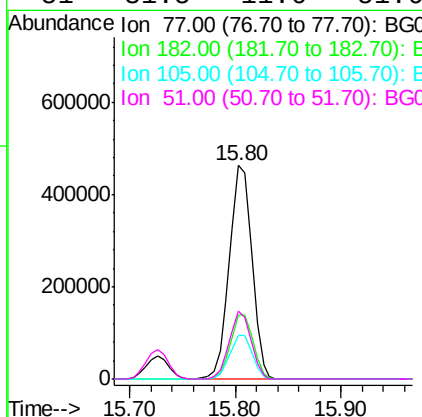
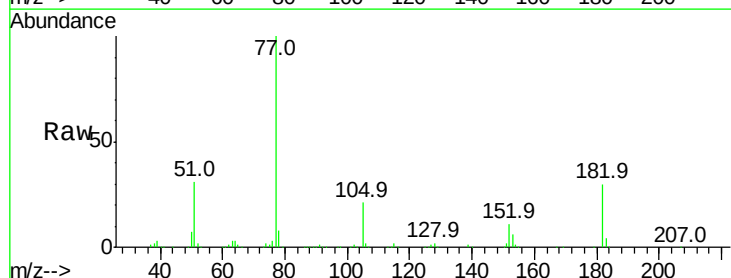
Instrument :
BNA_G
ClientSampleId :

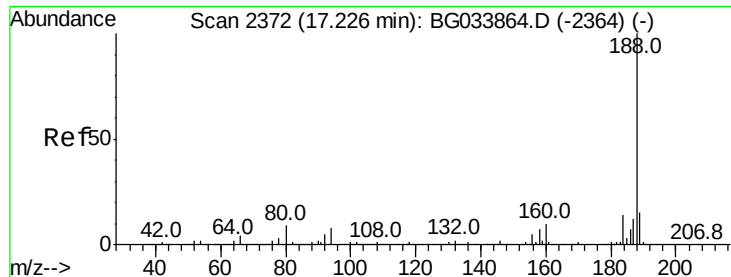
Tot Ion:138 Resp: 200227
Ion Ratio Lower Upper
138 100
92 49.5 40.1 80.1
108 79.2 65.4 105.4



#62
Azobenzene
Concen: 33.364 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

Tgt Ion: 77 Resp: 683059
Ion Ratio Lower Upper
77 100
182 30.1 7.4 47.4
105 20.6 0.3 40.3
51 31.5 11.6 51.6

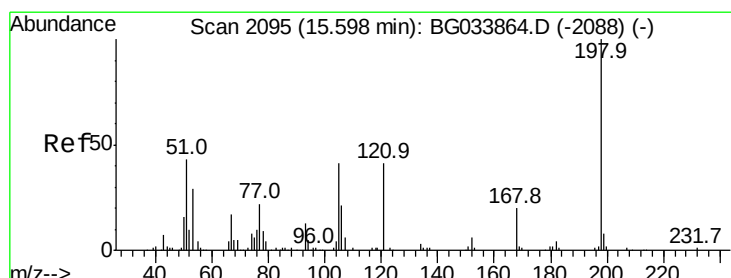
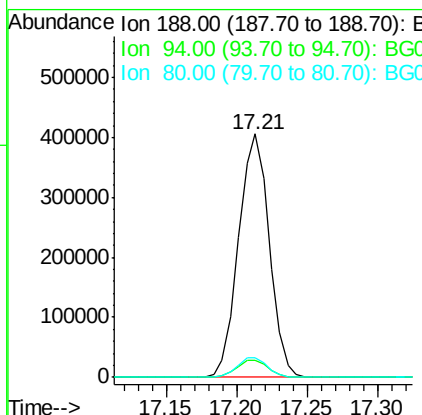
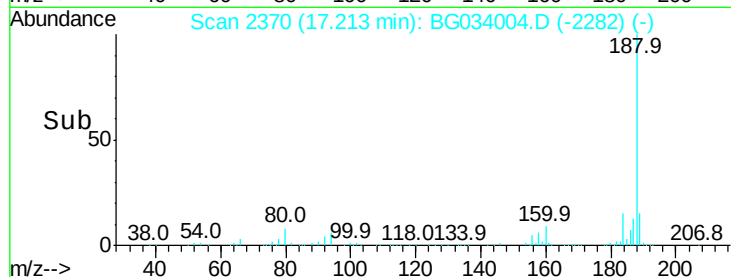
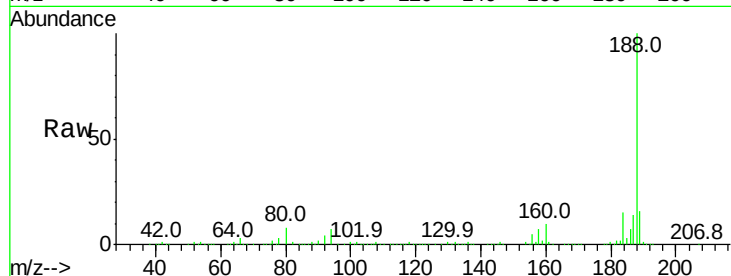




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

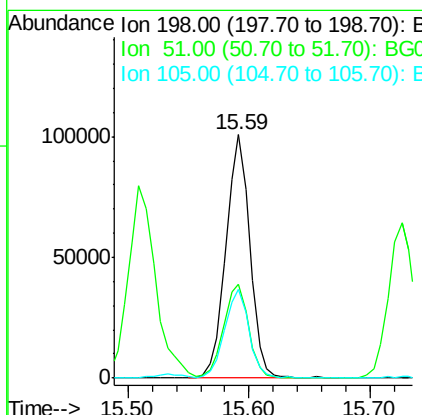
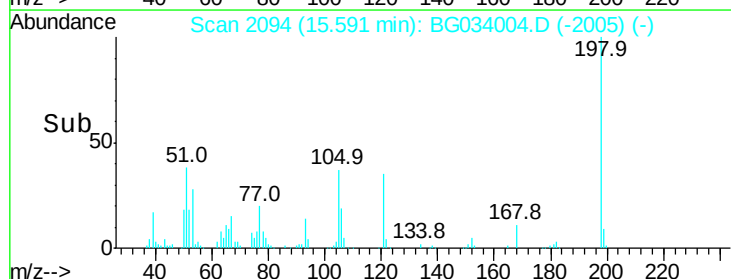
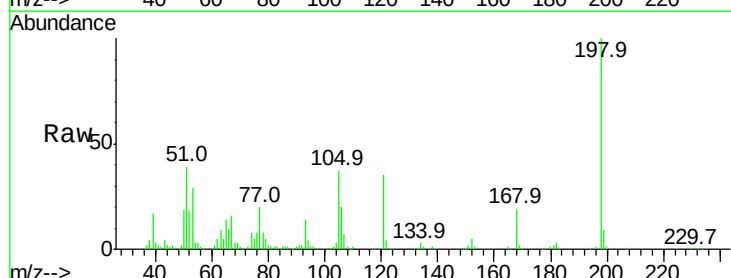
Instrument :
 BNA_G
 ClientSampleId :

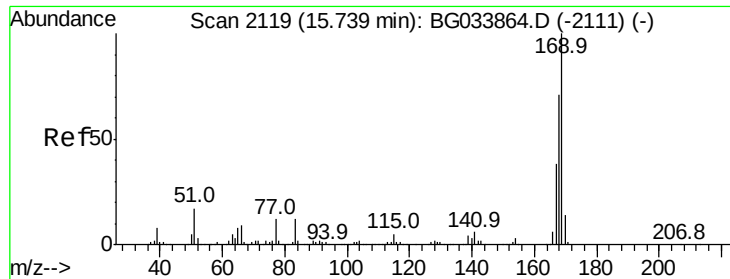
Tot Ion:188 Resp: 615202
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.9 10.3
 80 8.1 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.060 ng
 RT: 15.59 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Tgt Ion:198 Resp: 138976
 Ion Ratio Lower Upper
 198 100
 51 38.5 30.6 70.6
 105 36.6 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 37.077 ng

RT: 15.73 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampled :

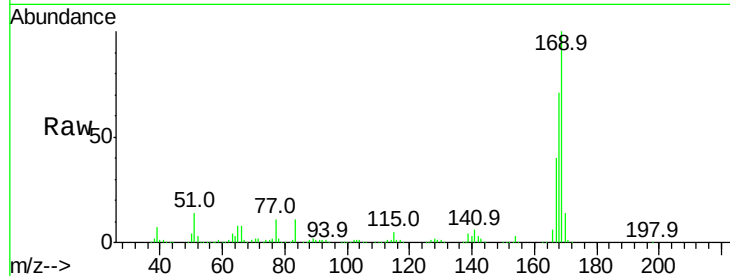
Tot Ion:169 Resp: 663158

Ion Ratio Lower Upper

169 100

168 71.0 55.7 83.5

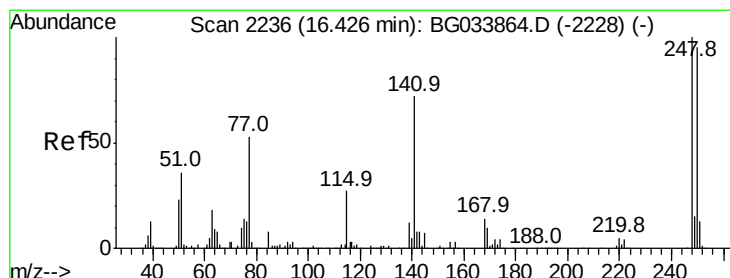
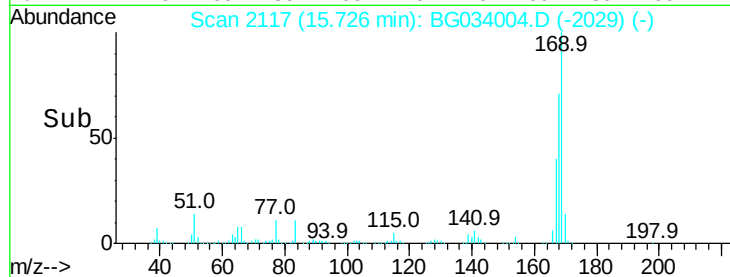
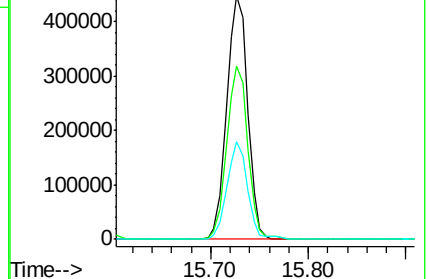
167 40.0 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.835 ng

RT: 16.41 min Scan# 2233

Delta R.T. -0.02 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

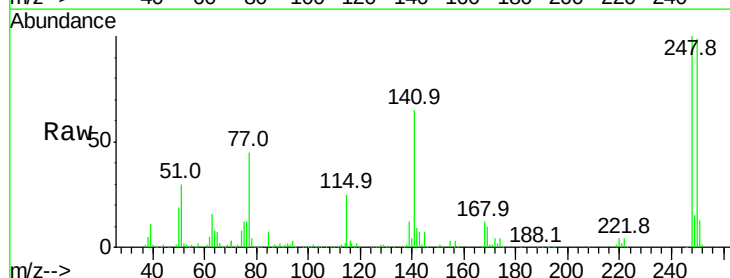
Tgt Ion:248 Resp: 269136

Ion Ratio Lower Upper

248 100

250 98.6 77.1 115.7

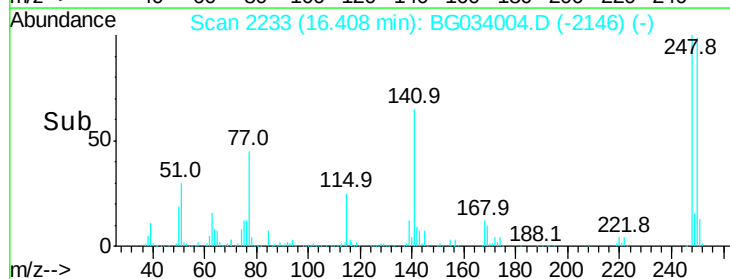
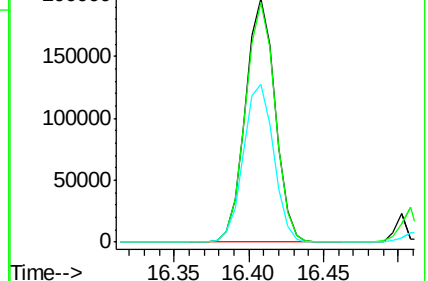
141 64.9 50.8 76.2

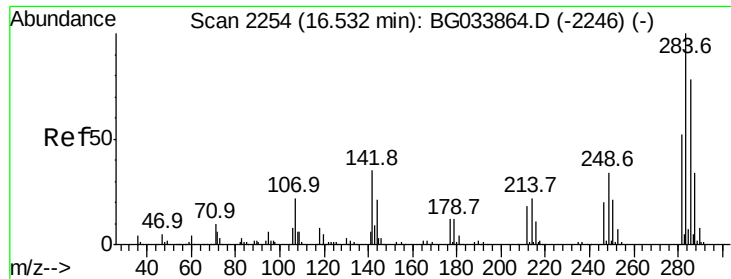


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.219 ng

RT: 16.51 min Scan# 2251

Delta R.T. -0.02 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

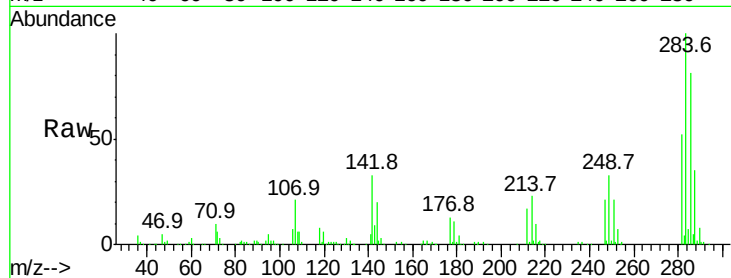
Tot Ion:284 Resp: 289785

Ion Ratio Lower Upper

284 100

142 33.2 26.8 40.2

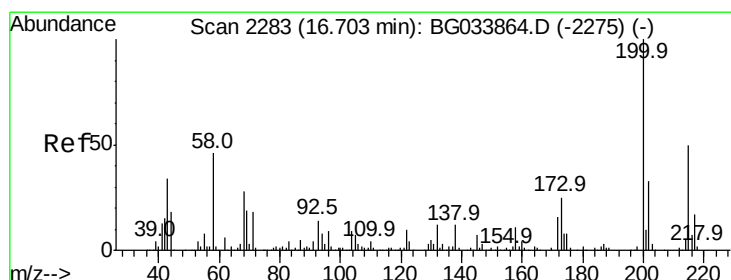
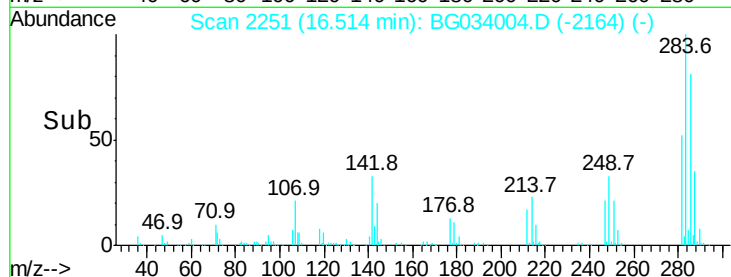
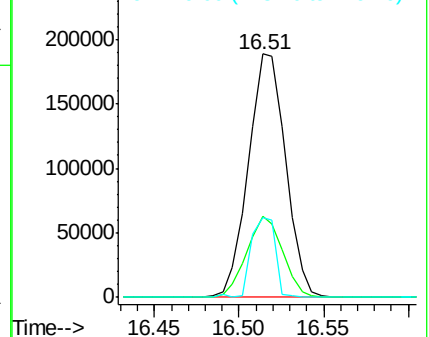
249 35.2 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.249 ng

RT: 16.68 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

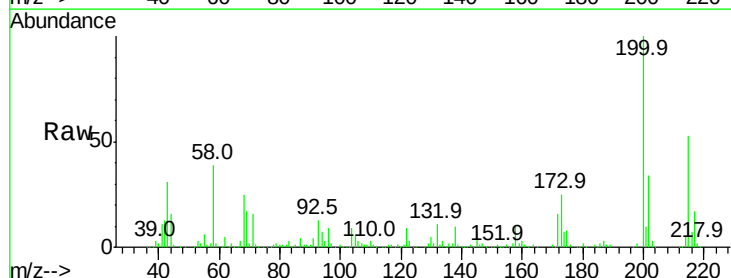
Tgt Ion:200 Resp: 261003

Ion Ratio Lower Upper

200 100

173 25.1 5.2 45.2

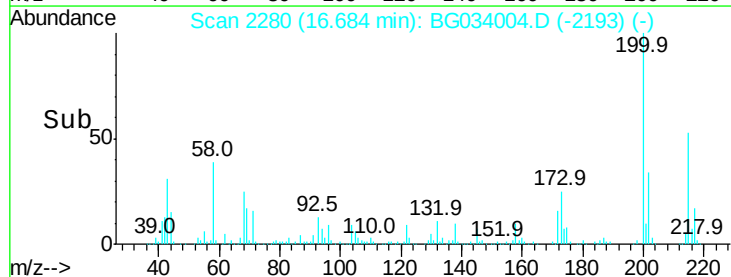
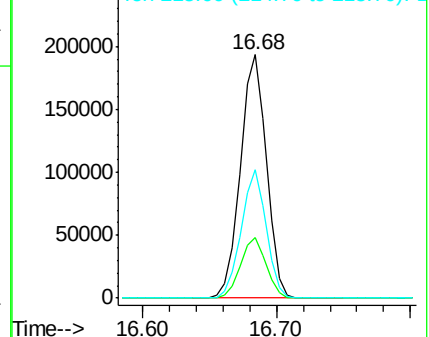
215 53.0 30.4 70.4

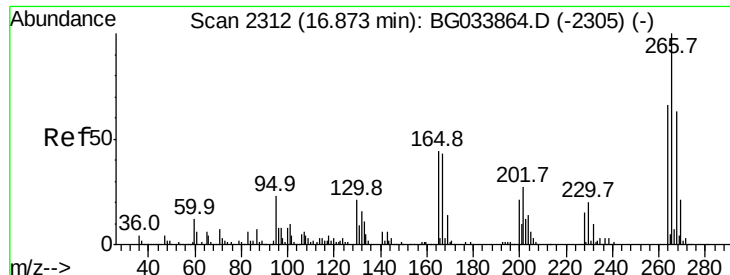


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

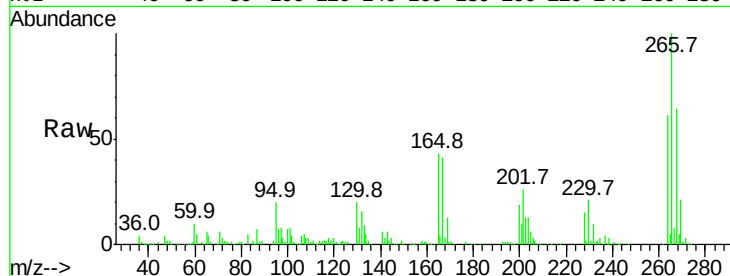




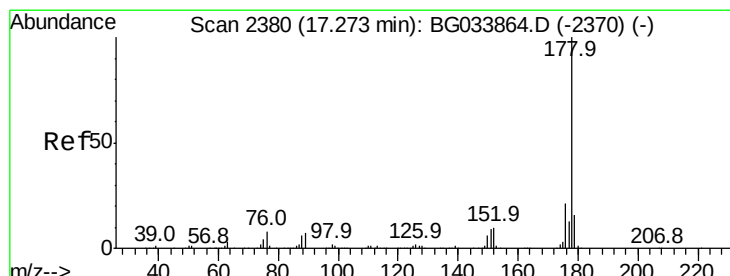
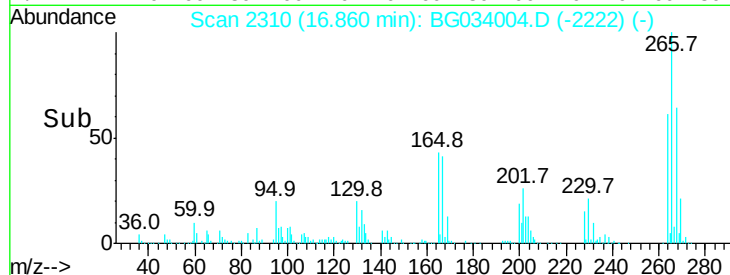
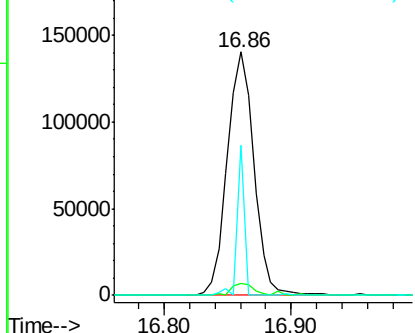
#69
 Pentachlorophenol
 Concen: 41.303 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	4.9	51.1	76.7#
264	66.7	49.6	74.4

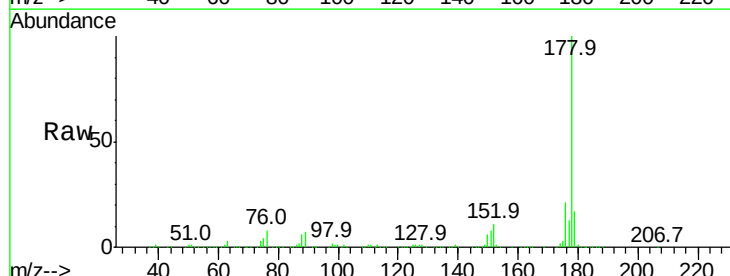


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

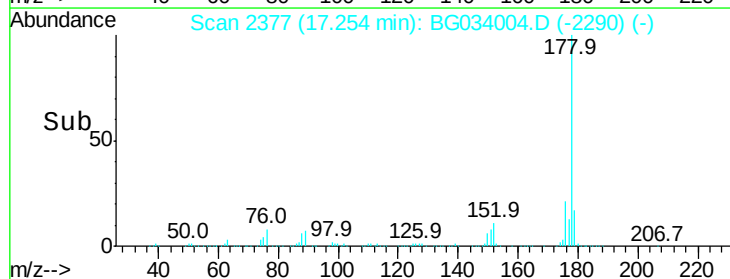
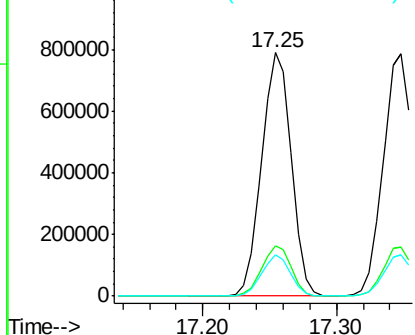


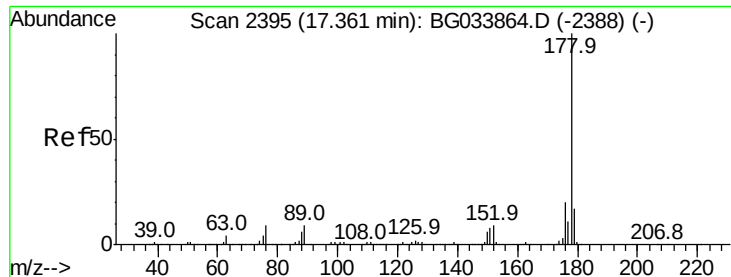
#70
 Phenanthrene
 Concen: 36.650 ng
 RT: 17.25 min Scan# 2377
 Delta R.T. -0.02 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.7	23.5
179	16.8	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

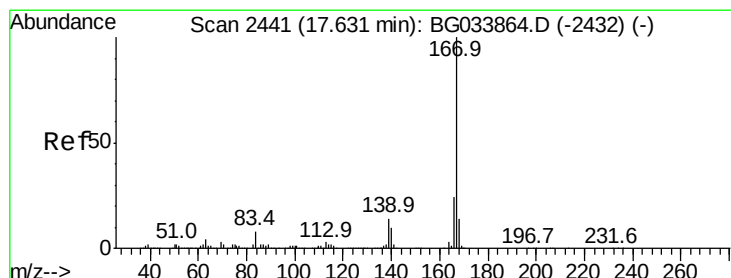
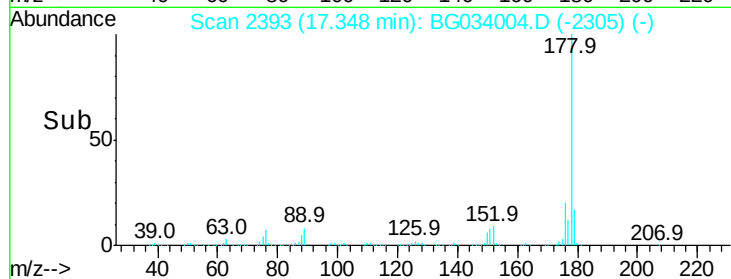
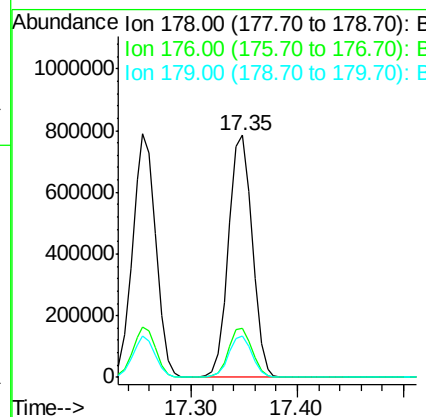
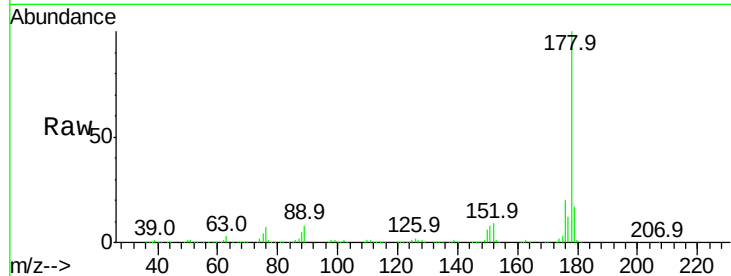




#71
 Anthracene
 Concen: 36.875 ng
 RT: 17.35 min Scan# 2393
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

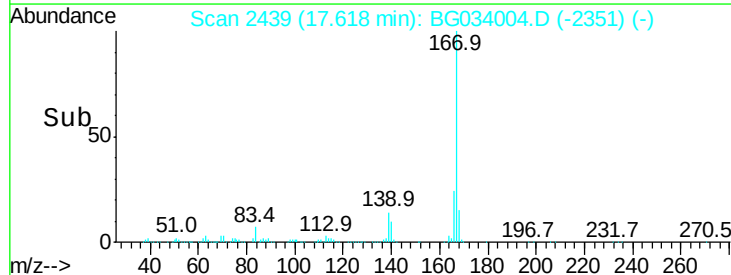
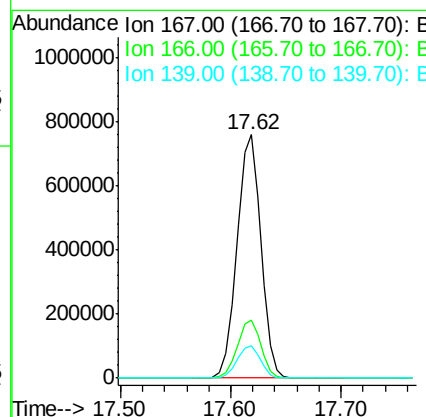
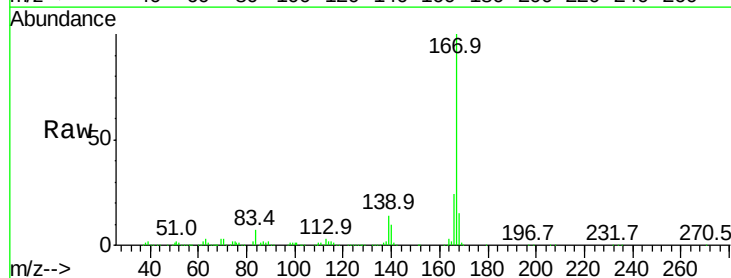
Instrument :
 BNA_G
 ClientSampleId :

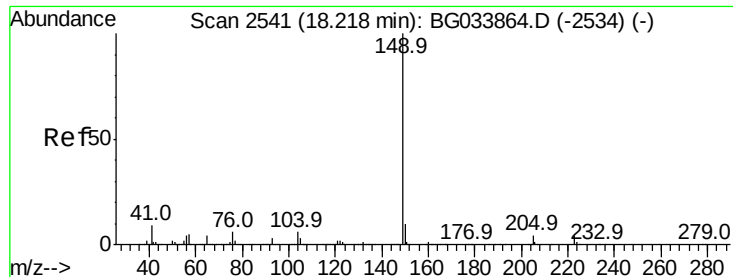
Tot Ion:178 Resp: 1217053
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 17.0 12.5 18.7



#72
 Carbazole
 Concen: 36.194 ng
 RT: 17.62 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Tgt Ion:167 Resp: 1152452
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.2 27.4
 139 13.6 9.4 14.2





#73

Di-n-butylphthalate

Concen: 34.628 ng

RT: 18.19 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

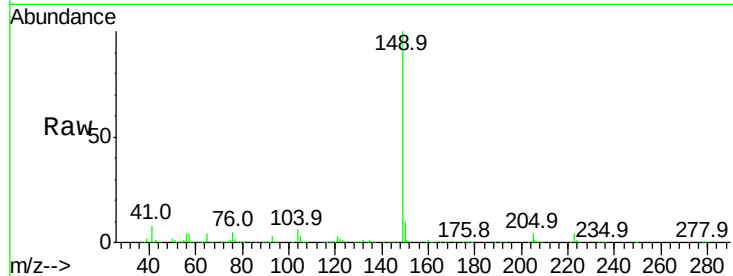
Tot Ion:149 Resp: 1371653

Ion Ratio Lower Upper

149 100

150 10.5 7.8 11.6

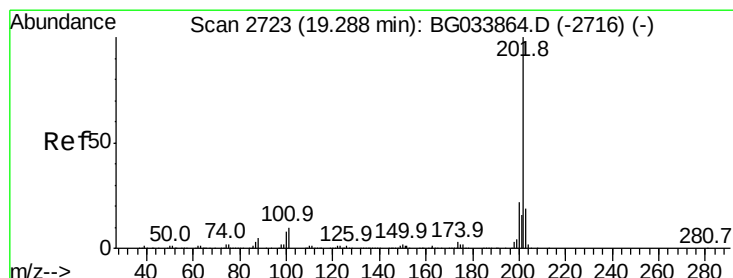
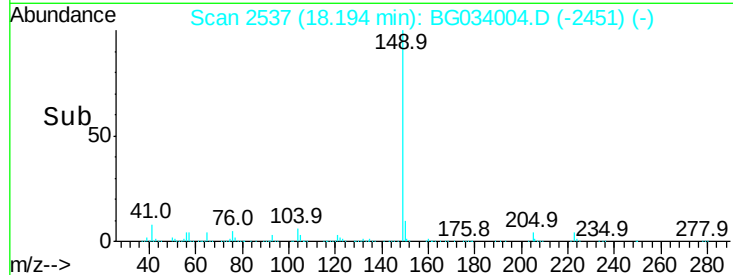
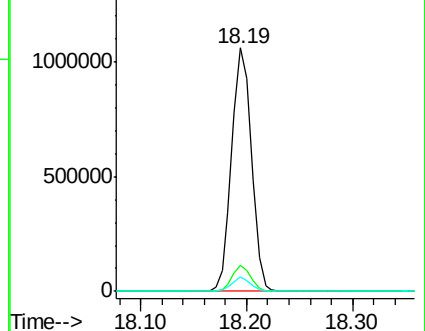
104 5.7 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.756 ng

RT: 19.28 min Scan# 2721

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

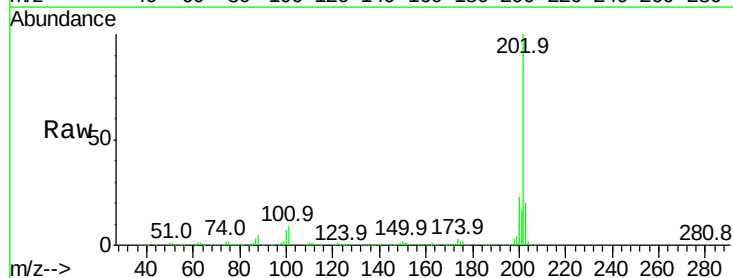
Tgt Ion:202 Resp: 1467401

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.9

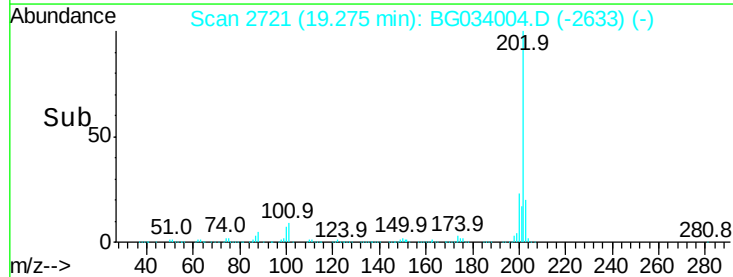
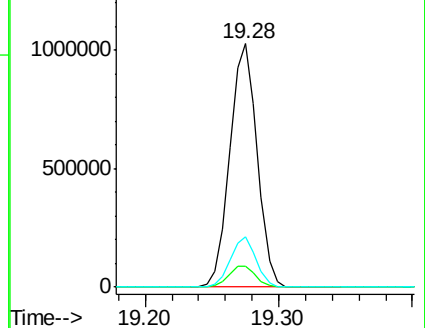
203 20.5 0.0 37.5

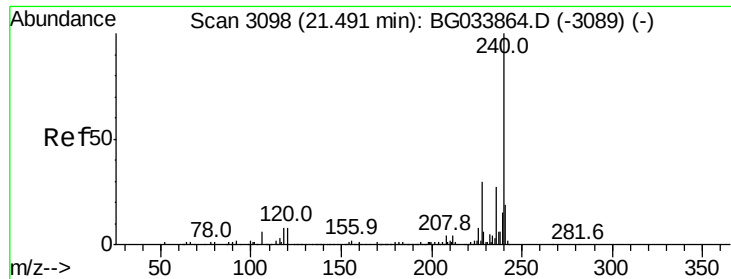


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

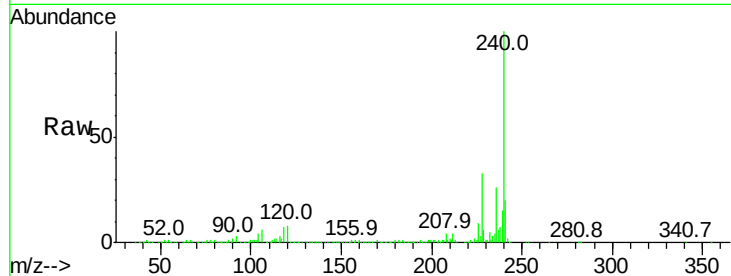
Tot Ion:240 Resp: 619252

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

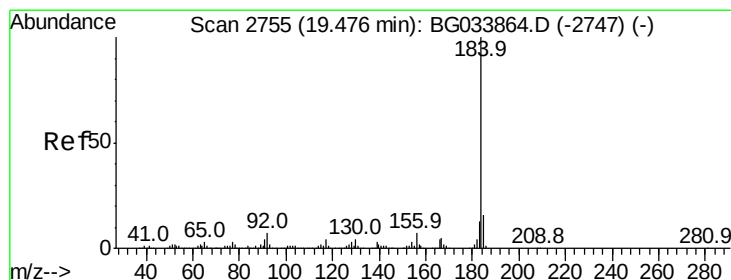
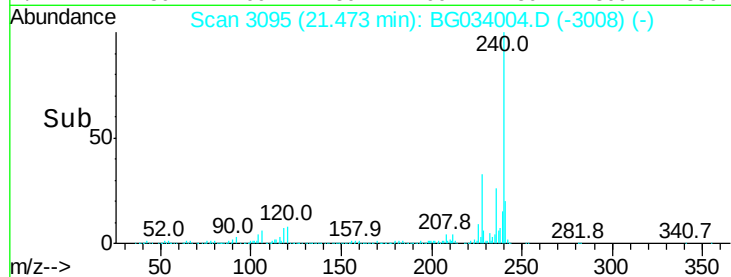
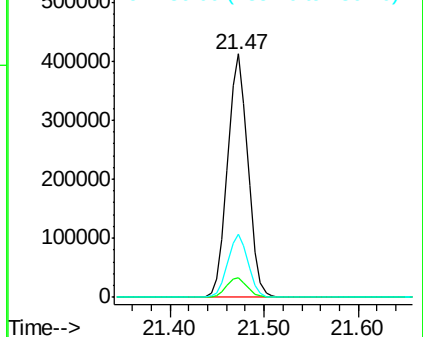
236 25.8 20.9 31.3



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: 41.803 ng

RT: 19.46 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

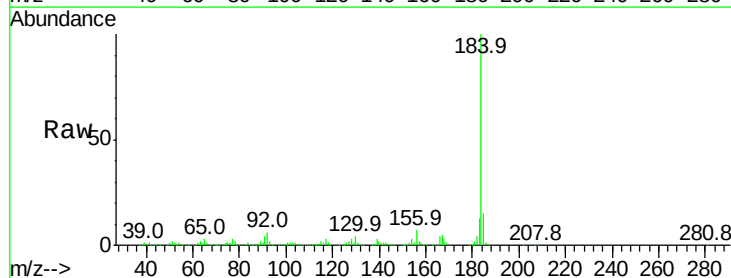
Tgt Ion:184 Resp: 699029

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

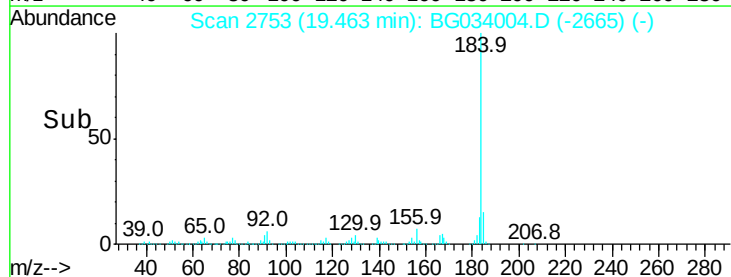
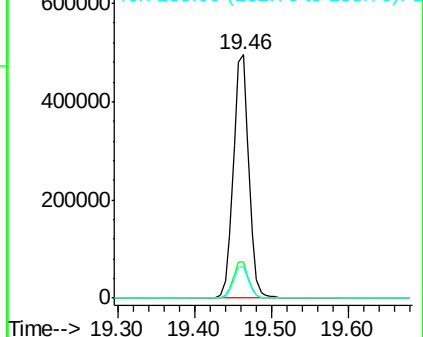
183 12.9 10.6 16.0

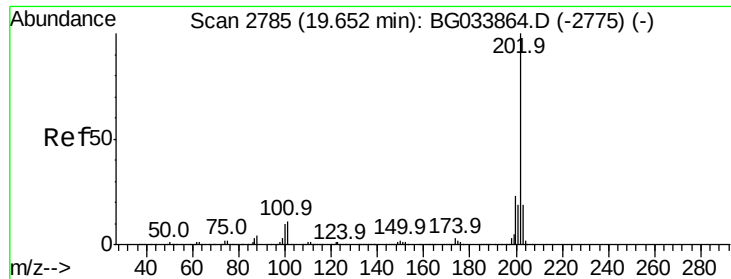


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.939 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

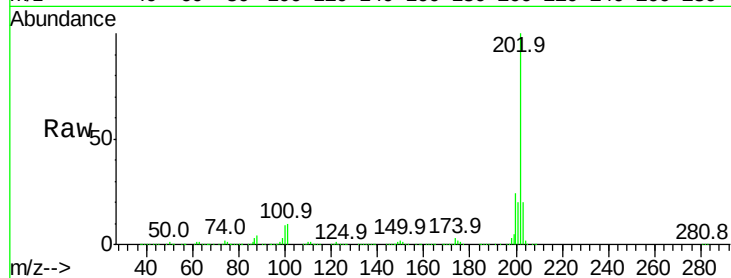
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1500319

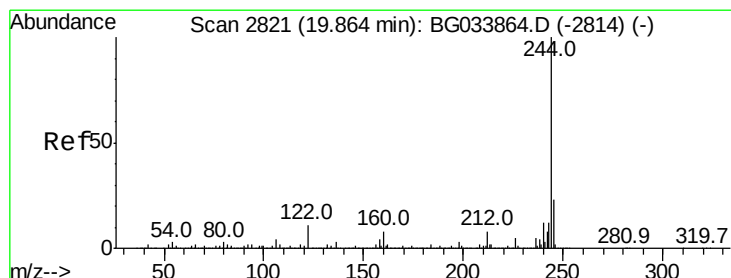
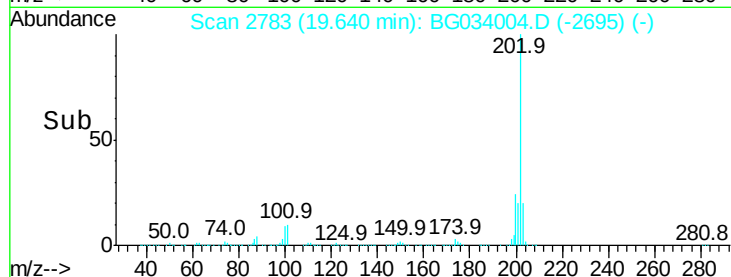
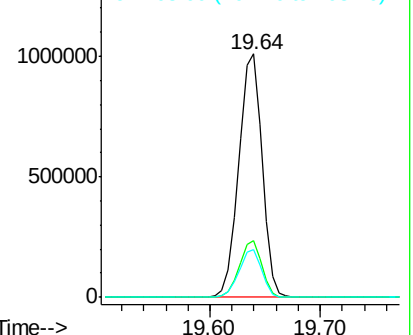
Ion	Ratio	Lower	Upper
202	100		
200	23.5	16.9	25.3
203	19.8	13.9	20.9



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: 72.243 ng

RT: 19.85 min Scan# 2818

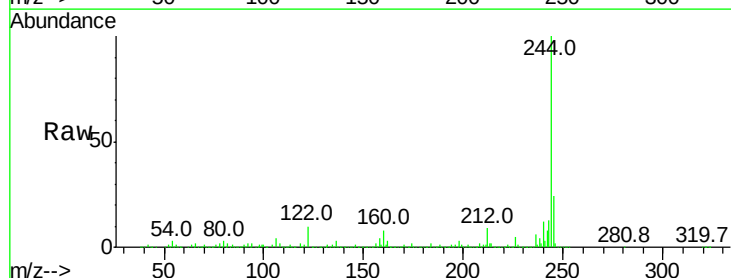
Delta R.T. -0.02 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Tgt Ion:244 Resp: 1991301

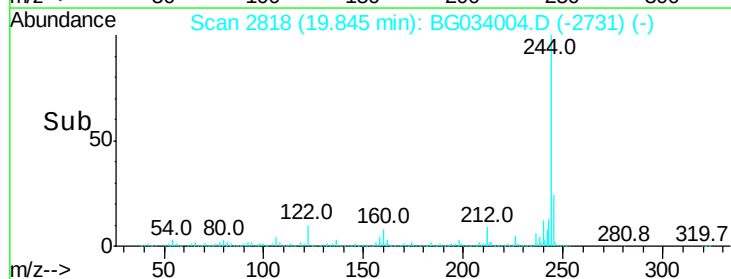
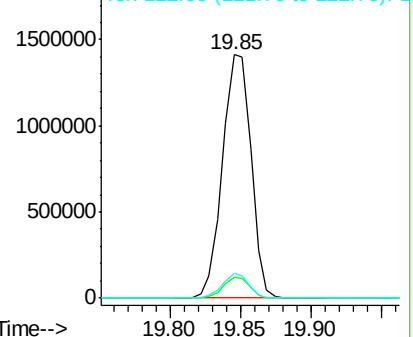
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	10.3	7.0	10.4

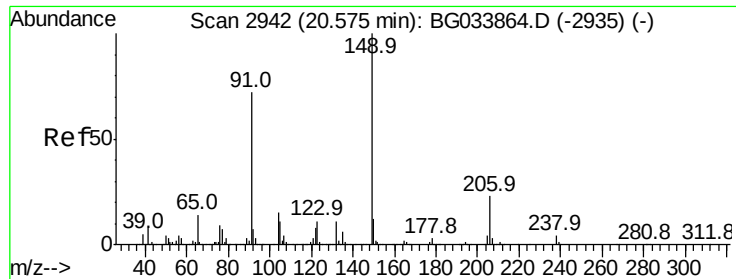


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

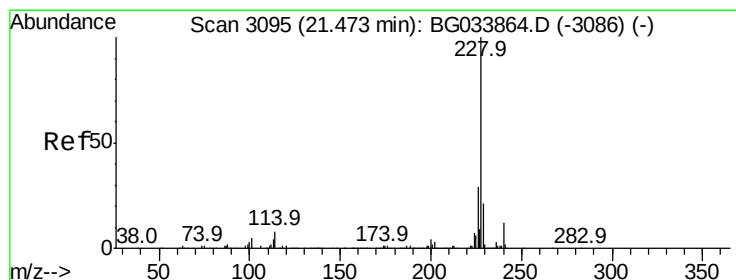
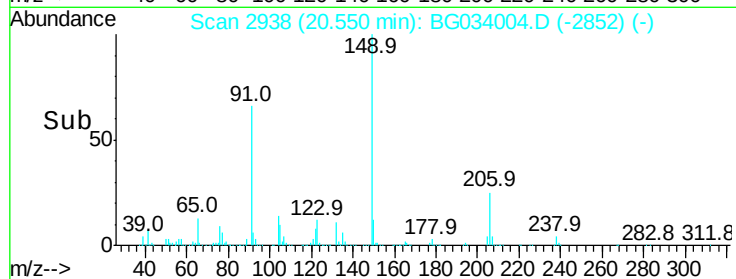
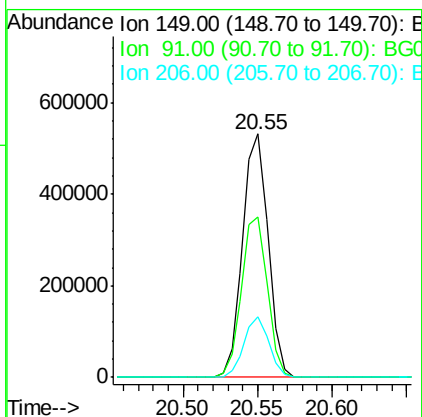
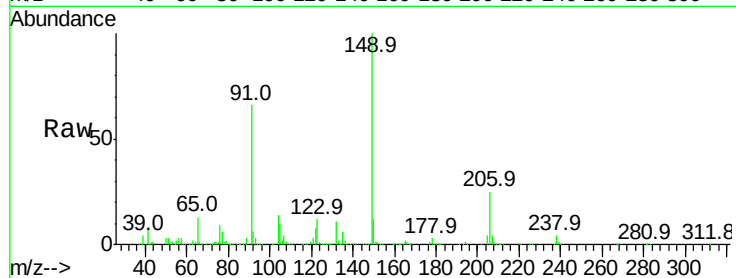




#79
Butylbenzylphthalate
Concen: 35.333 ng
RT: 20.55 min Scan# 2938
Delta R.T. -0.02 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

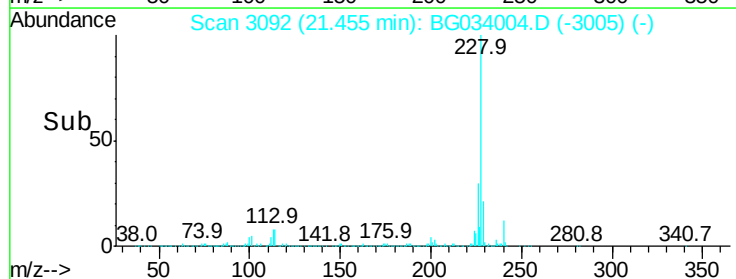
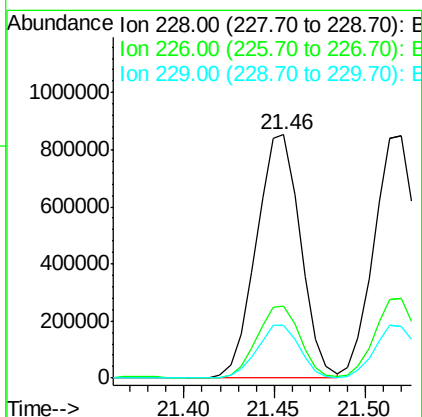
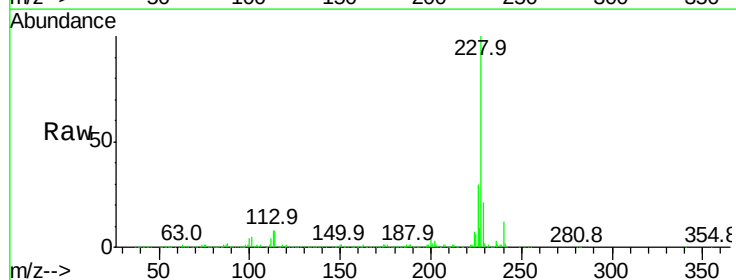
Instrument :
BNA_G
ClientSampleId :

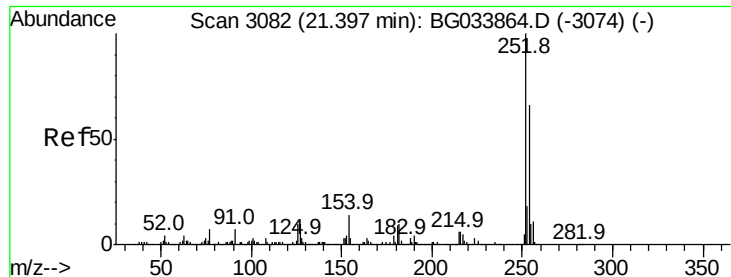
Tot Ion:149 Resp: 630234
Ion Ratio Lower Upper
149 100
91 65.7 62.2 93.2
206 24.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 36.995 ng
RT: 21.46 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

Tgt Ion:228 Resp: 1444623
Ion Ratio Lower Upper
228 100
226 29.5 22.7 34.1
229 21.5 16.2 24.2

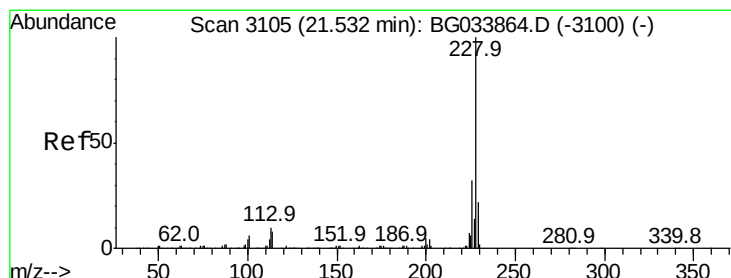
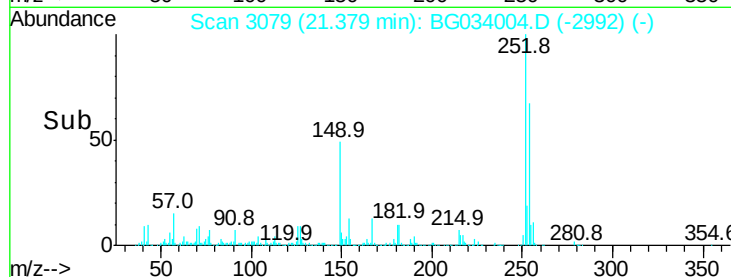
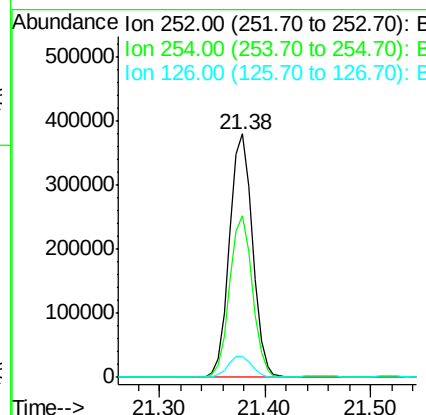
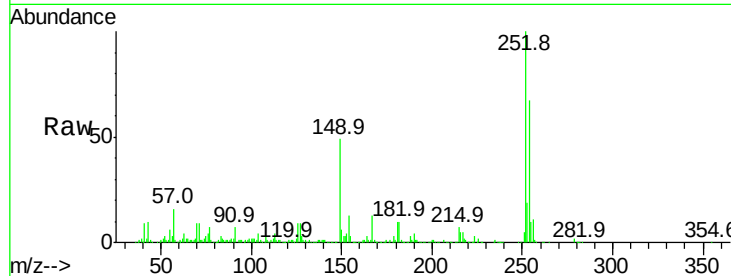




#81
 3,3'-Dichlorobenzidine
 Concen: 39.180 ng
 RT: 21.38 min Scan# 3079
 Delta R.T. -0.02 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

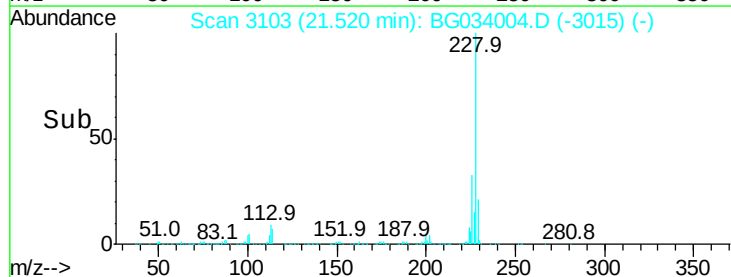
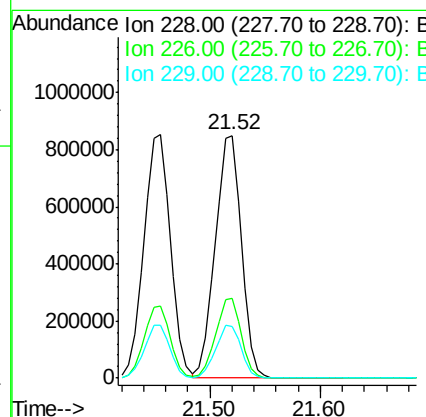
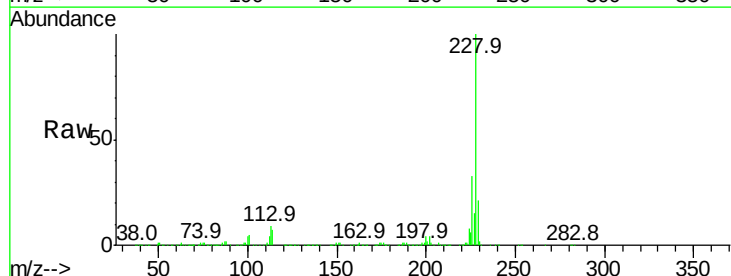
Instrument :
 BNA_G
 ClientSampleId :

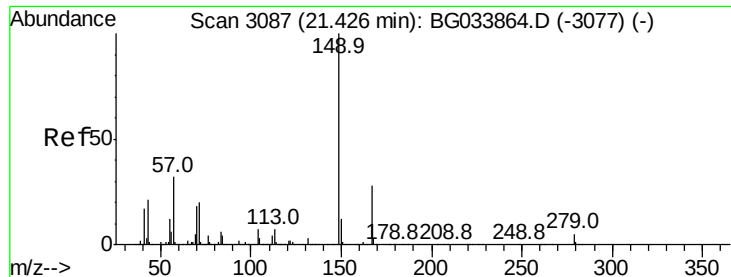
Tot Ion:252 Resp: 570459
 Ion Ratio Lower Upper
 252 100
 254 66.6 50.8 76.2
 126 8.6 7.4 11.2



#82
 Chrysene
 Concen: 37.075 ng
 RT: 21.52 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BG034004.D
 Acq: 26 Apr 2018 2:48

Tgt Ion:228 Resp: 1382466
 Ion Ratio Lower Upper
 228 100
 226 32.8 24.9 37.3
 229 21.4 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.366 ng

RT: 21.39 min Scan# 3081

Delta R.T. -0.04 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

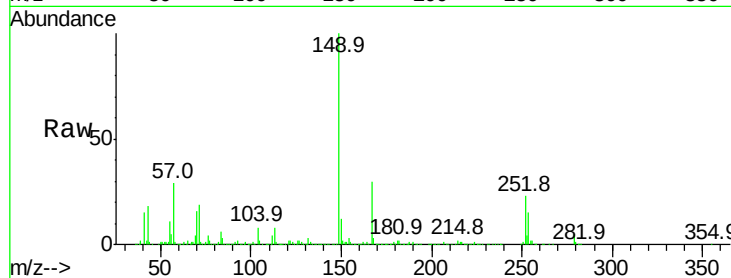
Tot Ion:149 Resp: 890883

Ion Ratio Lower Upper

149 100

167 29.6 24.3 36.5

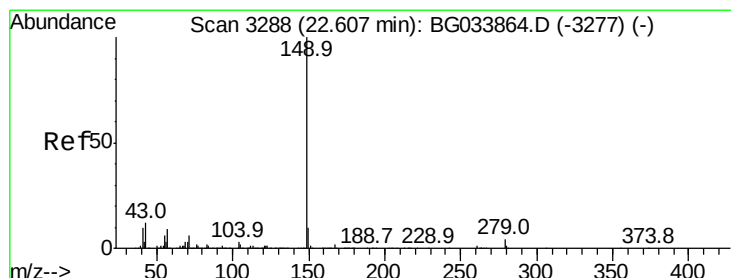
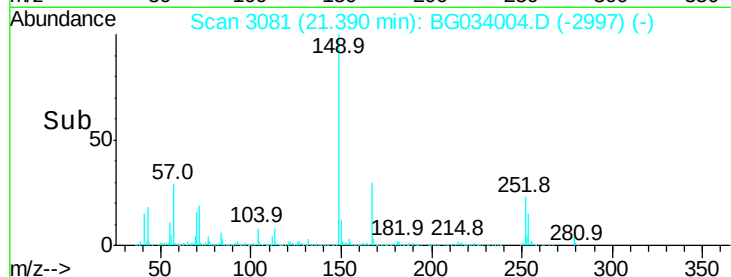
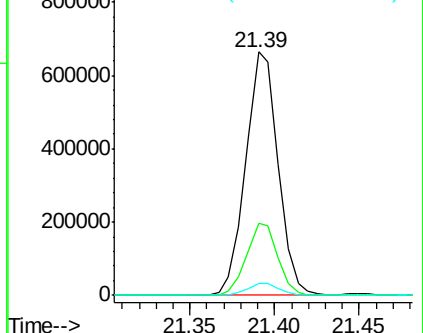
279 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.199 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.05 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

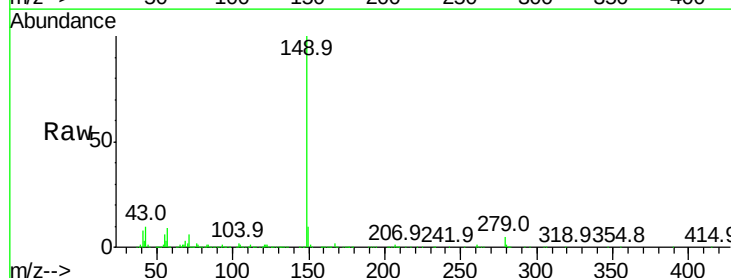
Tgt Ion:149 Resp: 1407361

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

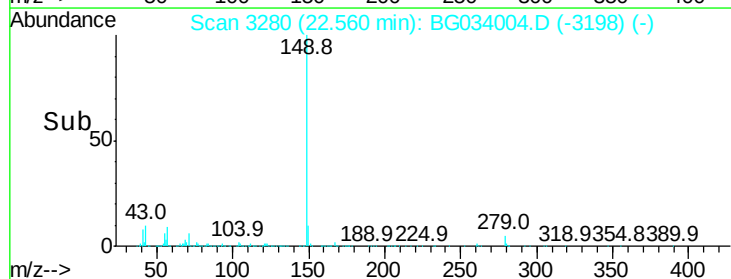
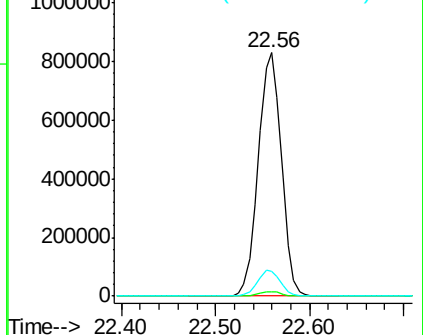
43 10.5 8.9 13.3

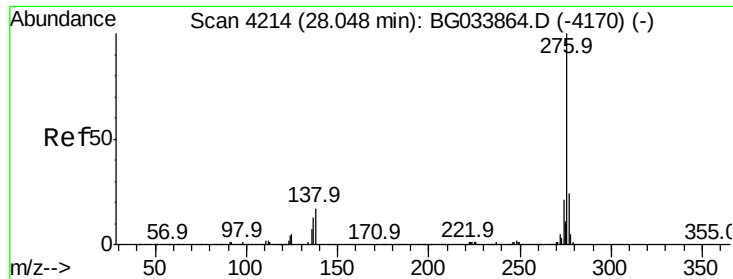


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.645 ng

RT: 27.99 min Scan# 4204

Delta R.T. -0.06 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

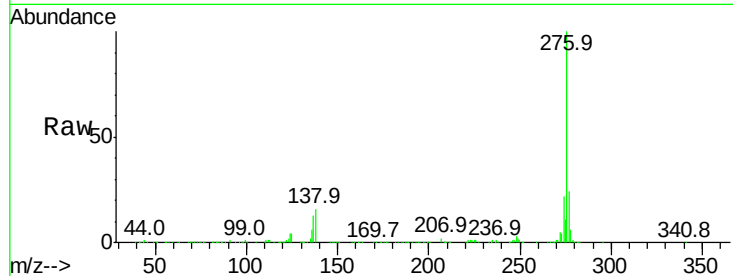
Tot Ion:276 Resp: 1682755

Ion Ratio Lower Upper

276 100

138 14.6 16.0 24.0#

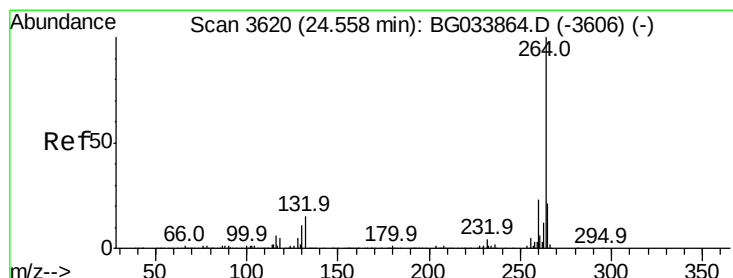
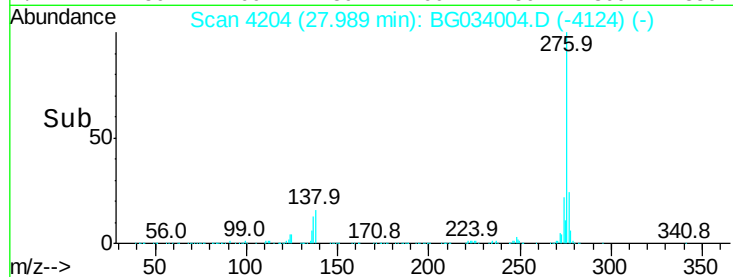
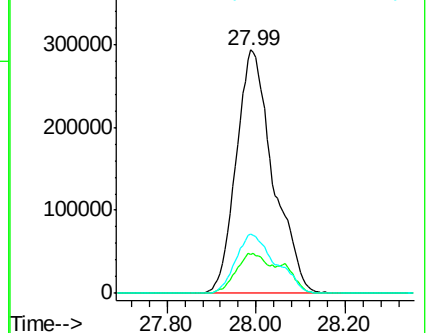
277 26.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.53 min Scan# 3615

Delta R.T. -0.03 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

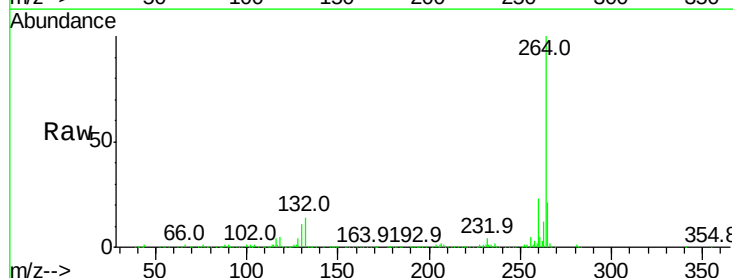
Tgt Ion:264 Resp: 648719

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

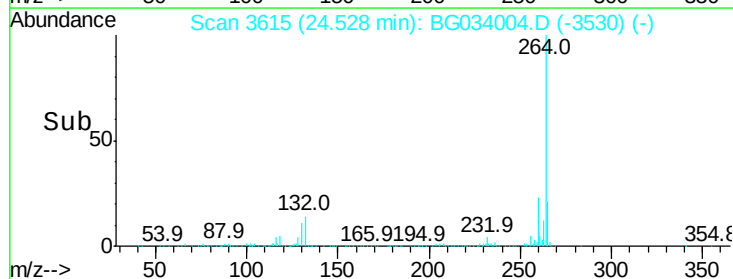
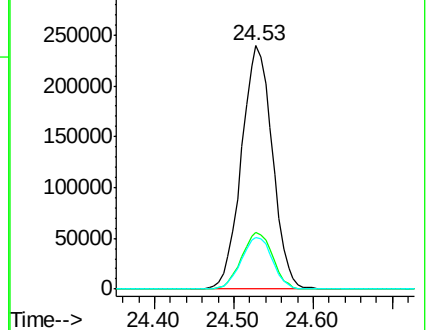
265 21.3 17.7 26.5

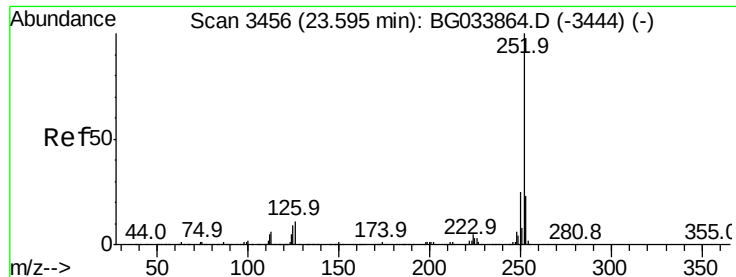


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.877 ng

RT: 23.56 min Scan# 3451

Delta R.T. -0.03 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

Instrument :

BNA_G

ClientSampleId :

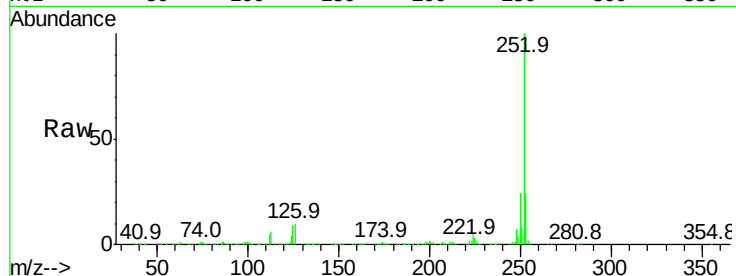
Tot Ion:252 Resp: 1498979

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.4

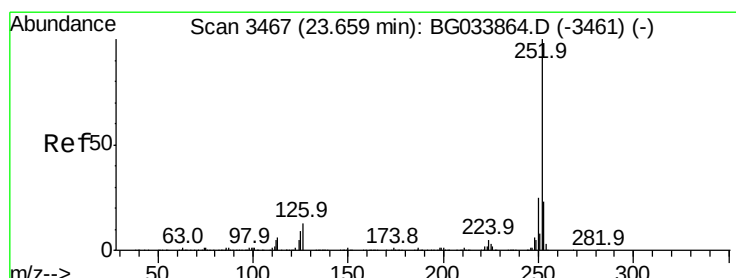
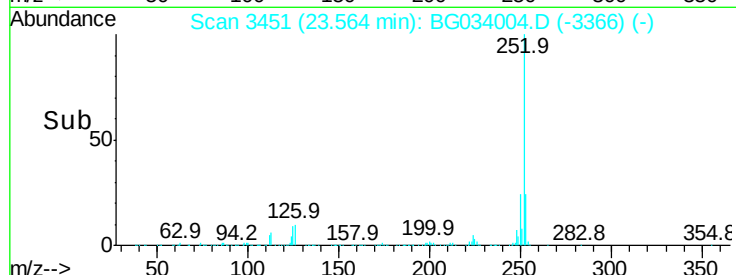
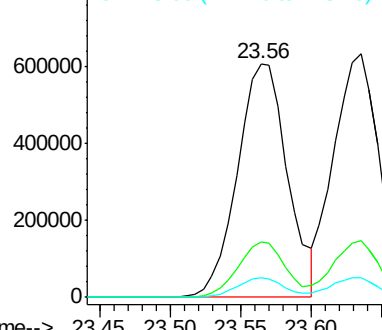
125 8.6 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.142 ng

RT: 23.63 min Scan# 3463

Delta R.T. -0.02 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

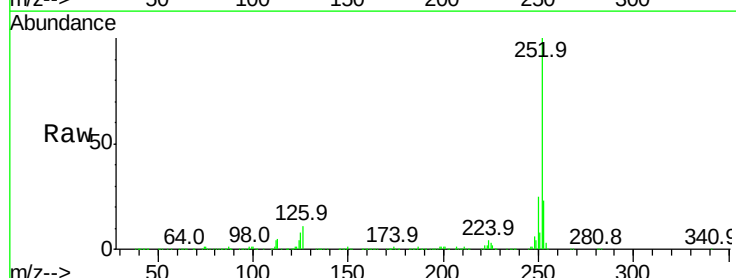
Tgt Ion:252 Resp: 1420791

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

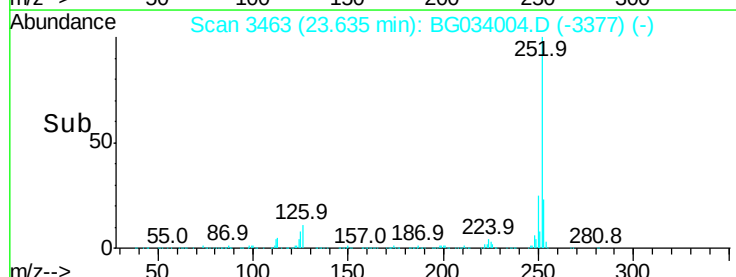
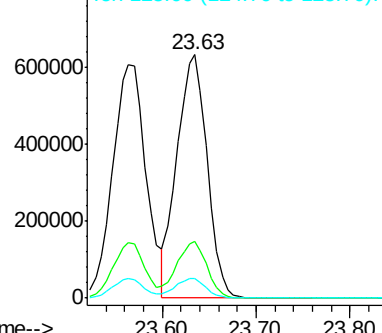
125 8.1 6.6 9.8

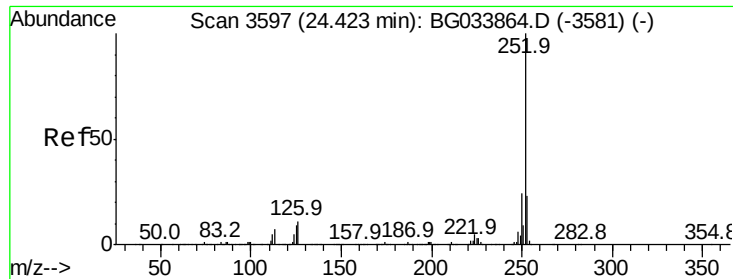


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

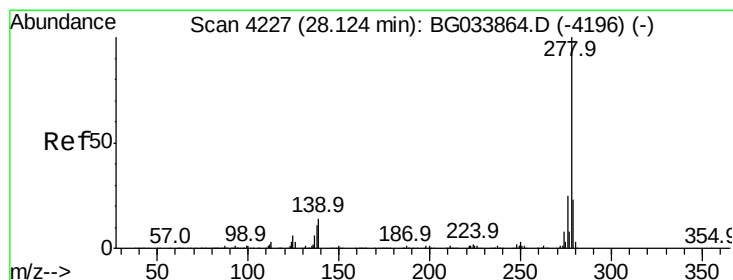
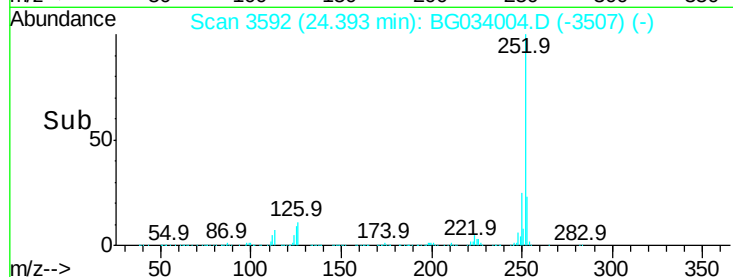
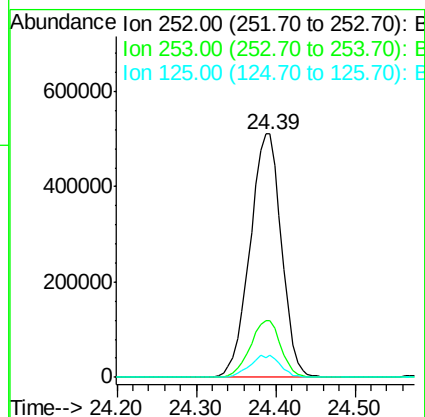
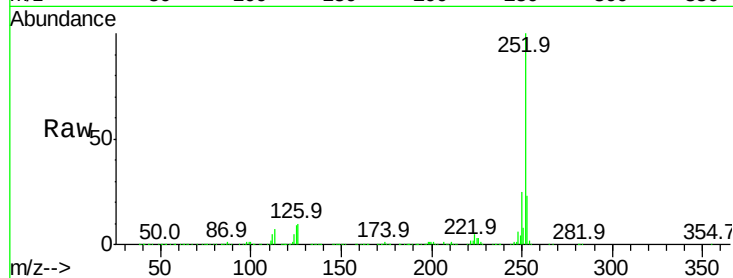




#89
Benzo(a)pyrene
Concen: 37.229 ng
RT: 24.39 min Scan# 3592
Delta R.T. -0.03 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

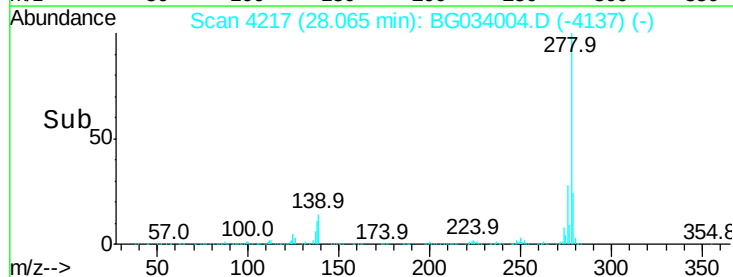
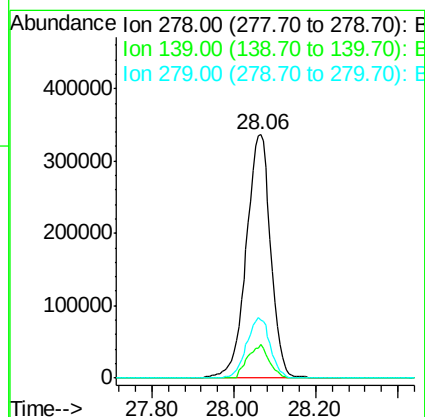
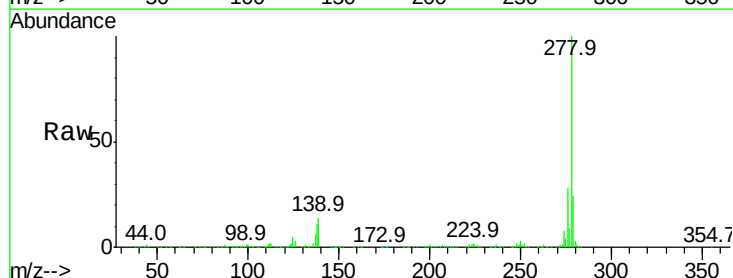
Instrument :
BNA_G
ClientSampleId :

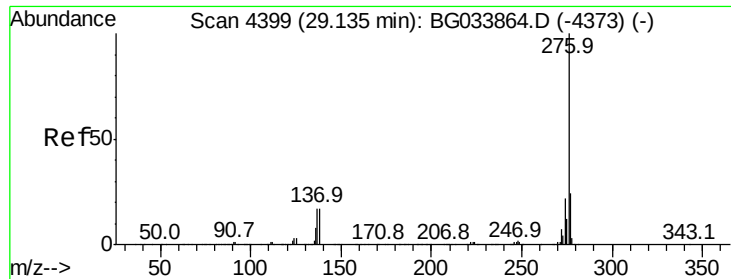
Tot Ion:252 Resp: 1411047
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 8.9 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 37.915 ng
RT: 28.06 min Scan# 4217
Delta R.T. -0.06 min
Lab File: BG034004.D
Acq: 26 Apr 2018 2:48

Tgt Ion:278 Resp: 1390532
Ion Ratio Lower Upper
278 100
139 13.9 9.8 14.6
279 24.0 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 38.214 ng

RT: 29.07 min Scan# 4388

Delta R.T. -0.07 min

Lab File: BG034004.D

Acq: 26 Apr 2018 2:48

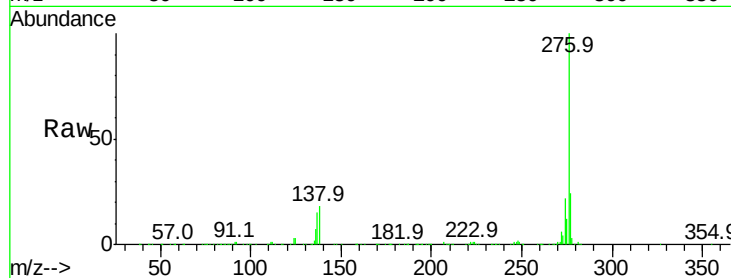
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1379027

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.3	27.5
138	17.8	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

