

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG034001.D
 Acq On : 26 Apr 2018 00:12
 Operator : SJ/JU
 Sample : PB108579BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 06:30:33 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	63578	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	301306	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	207467	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	521886	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	541351	20.00	ng	-0.02
86) Perylene-d12	24.53	264	562684	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	563350	141.47	ng	0.00
7) Phenol-d6	7.00	99	774064	133.27	ng	0.00
23) Nitrobenzene-d5	8.98	82	468968	88.58	ng	-0.01
41) 2,4,6-Tribromophenol	15.96	330	365070	150.83	ng	-0.01
44) 2-Fluorobiphenyl	13.08	172	1247150	88.31	ng	-0.02
78) Terphenyl-d14	19.85	244	2085813	86.56	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	47830	28.424	ng	90
3) Pyridine	3.80	79	144319	29.642	ng	93
4) n-Nitrosodimethylamine	3.71	42	85590	38.587	ng	# 88
6) Aniline	7.16	93	172860	22.264	ng	97
8) 2-Chlorophenol	7.40	128	203762	45.665	ng	93
9) Benzaldehyde	6.97	77	82000	23.703	ng	97
10) Phenol	7.03	94	263867	44.345	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	173131	38.043	ng	93
12) 1,3-Dichlorobenzene	7.72	146	190798	37.144	ng	97
13) 1,4-Dichlorobenzene	7.86	146	195285	37.536	ng	95
14) 1,2-Dichlorobenzene	8.18	146	188309	37.219	ng	95
15) Benzyl Alcohol	8.06	79	199664	39.422	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.35	45	294830	33.216	ng	95
17) 2-Methylphenol	8.27	107	181384	41.135	ng	97
18) Hexachloroethane	8.90	117	67934	35.733	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	170648	34.467	ng	# 98
20) 3+4-Methylphenols	8.59	107	257782	40.234	ng	95
22) Acetophenone	8.64	105	296169	36.115	ng	# 95
24) Nitrobenzene	9.02	77	234270	40.606	ng	97
25) Isophorone	9.54	82	454645	38.194	ng	# 95
26) 2-Nitrophenol	9.72	139	114955	50.427	ng	93
27) 2,4-Dimethylphenol	9.79	122	211289	49.553	ng	92
28) bis(2-Chloroethoxy)methane	10.03	93	267176	42.470	ng	95
29) 2,4-Dichlorophenol	10.26	162	232178	48.846	ng	94
30) 1,2,4-Trichlorobenzene	10.48	180	221572	41.619	ng	98
31) Naphthalene	10.66	128	612533	39.532	ng	99
32) Benzoic acid	9.93	122	161372	39.034	ng	94
33) 4-Chloroaniline	10.77	127	102076	14.016	ng	96
34) Hexachlorobutadiene	10.95	225	130982	41.127	ng	97
35) Caprolactam	11.54	113	46085	22.804	ng	# 83
36) 4-Chloro-3-methylphenol	11.90	107	247030	42.581	ng	# 90
37) 2-Methylnaphthalene	12.27	142	484566	40.847	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	287975	41.801	ng	98
40) Hexachlorocyclopentadiene	12.63	237	371167	97.986	ng	91

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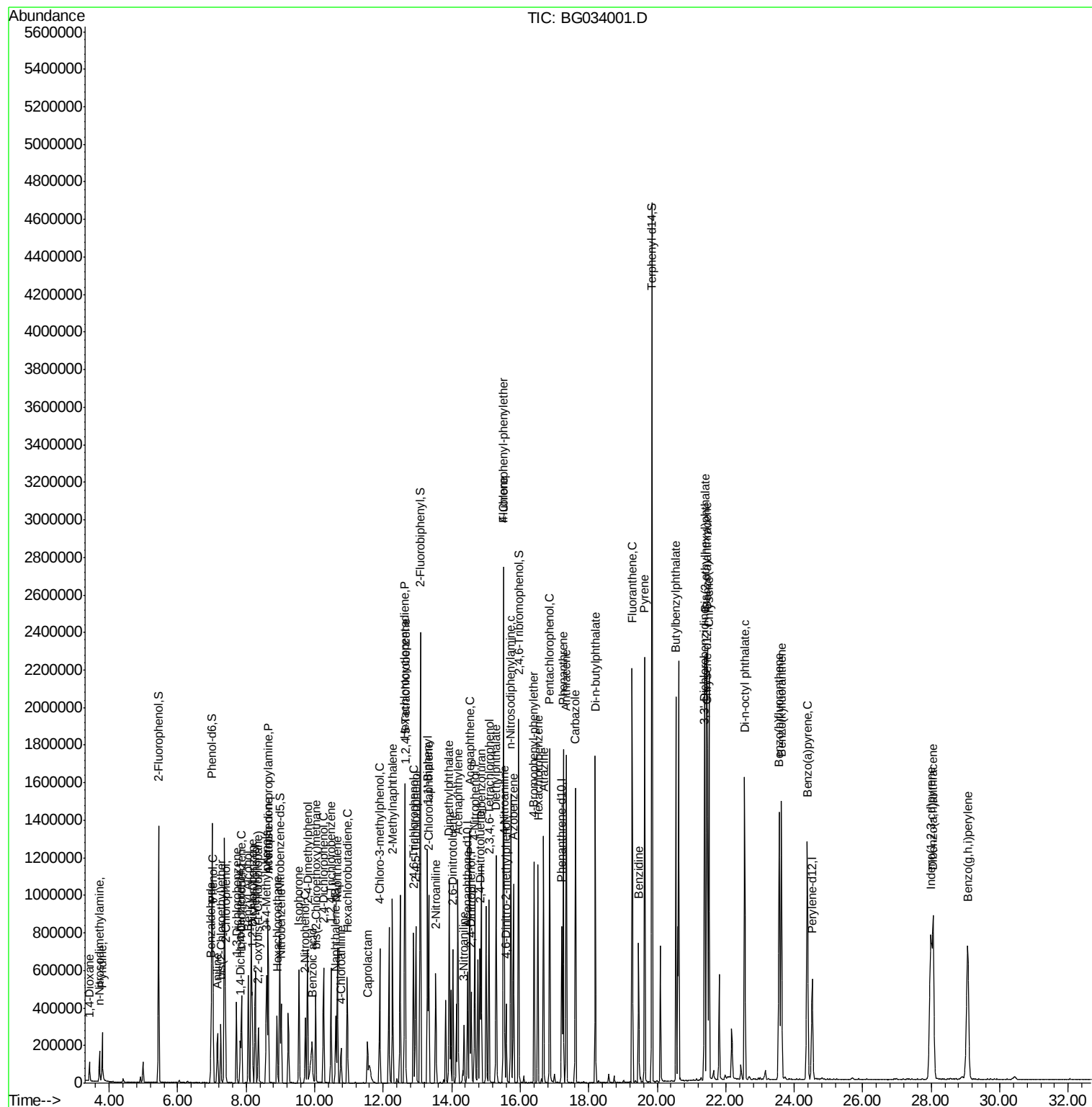
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	202031	48.099	nq	94
43) 2,4,5-Trichlorophenol	12.95	196	225450	46.688	nq	97
45) 1,1'-Biphenyl	13.30	154	672186	40.025	nq	98
46) 2-Chloronaphthalene	13.33	162	510575	40.095	nq	98
47) 2-Nitroaniline	13.54	65	168597	42.403	nq #	86
48) Acenaphthylene	14.18	152	821232	38.797	nq	99
49) Dimethylphthalate	13.92	163	697007	38.193	nq	98
50) 2,6-Dinitrotoluene	14.04	165	159683	46.171	nq	89
51) Acenaphthene	14.52	154	504986	37.977	nq	98
52) 3-Nitroaniline	14.37	138	80451	21.422	nq #	76
53) 2,4-Dinitrophenol	14.57	184	116145	93.904	nq #	57
54) Dibenzofuran	14.86	168	807310	40.951	nq	98
55) 4-Nitrophenol	14.68	139	287410	97.582	nq #	84
56) 2,4-Dinitrotoluene	14.83	165	224474	48.809	nq #	77
57) Fluorene	15.51	166	678156	39.753	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	220114	49.784	nq #	95
59) Diethylphthalate	15.30	149	713205	36.972	nq	98
60) 4-Chlorophenyl-phenylether	15.51	204	375651	42.100	nq	95
61) 4-Nitroaniline	15.53	138	173844	43.599	nq	90
62) Azobenzene	15.80	77	624378	36.311	nq	96
64) 4,6-Dinitro-2-methylphenol	15.59	198	103126	41.978	nq	89
65) n-Nitrosodiphenylamine	15.73	169	599700	39.525	nq	98
66) 4-Bromophenyl-phenylether	16.40	248	245338	42.806	nq	98
67) Hexachlorobenzene	16.52	284	250545	40.991	nq #	72
68) Atrazine	16.68	200	259771	43.702	nq	98
69) Pentachlorophenol	16.86	266	334541	79.681	nq #	58
70) Phenanthrene	17.26	178	1104792	39.461	nq	97
71) Anthracene	17.34	178	1127706	40.278	nq	98
72) Carbazole	17.61	167	1042362	38.590	nq	97
73) Di-n-butylphthalate	18.20	149	1267970	37.734	nq	99
74) Fluoranthene	19.27	202	1415871	41.807	nq	96
76) Benzidine	19.46	184	443719	30.353	nq	98
77) Pyrene	19.64	202	1402036	39.486	nq	95
79) Butylbenzylphthalate	20.55	149	581944	37.321	nq	93
80) Benzo(a)anthracene	21.45	228	1397735	40.945	nq	97
81) 3,3'-Dichlorobenzidine	21.37	252	280296	22.022	nq	98
82) Chrysene	21.52	228	1310790	40.211	nq	95
83) Bis(2-ethylhexyl)phthalate	21.39	149	813980	36.963	nq	98
84) Di-n-octyl phthalate	22.56	149	1388854	39.735	nq	98
85) Indeno(1,2,3-cd)pyrene	27.99	276	1621170	43.690	nq #	93
87) Benzo(b)fluoranthene	23.56	252	1414198	41.198	nq	99
88) Benzo(k)fluoranthene	23.63	252	1354219	39.716	nq	98
89) Benzo(a)pyrene	24.38	252	1369551	41.659	nq	100
90) Dibenzo(a,h)anthracene	28.06	278	1345318	42.291	nq	99
91) Benzo(g,h,i)perylene	29.07	276	1342158	42.879	nq	97

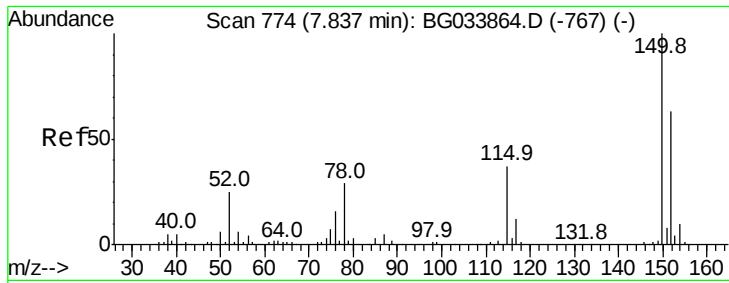
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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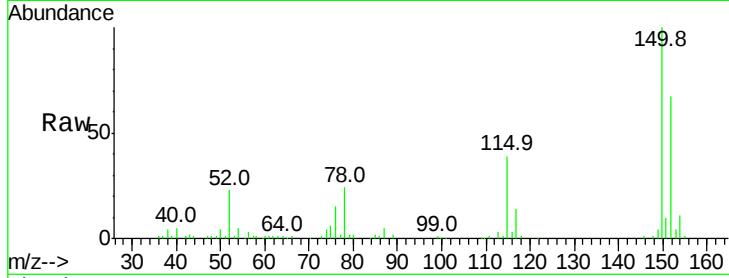


#1

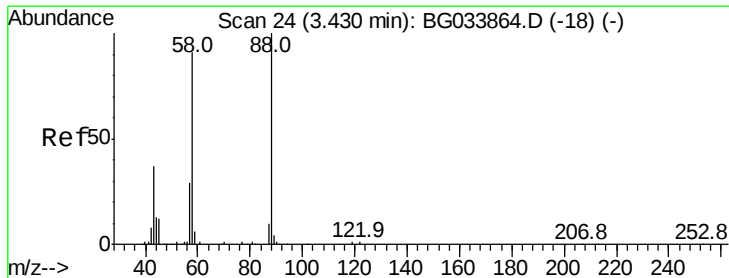
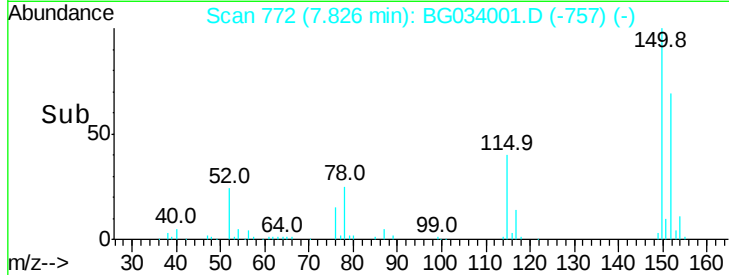
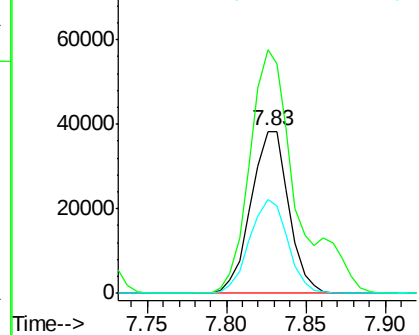
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63578
Ion Ratio Lower Upper
152 100
150 150.2 126.6 189.8
115 58.2 53.0 79.4



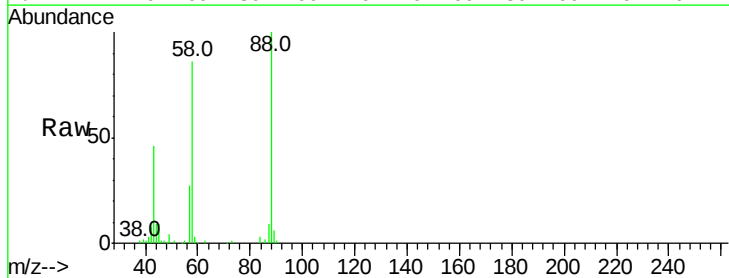
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



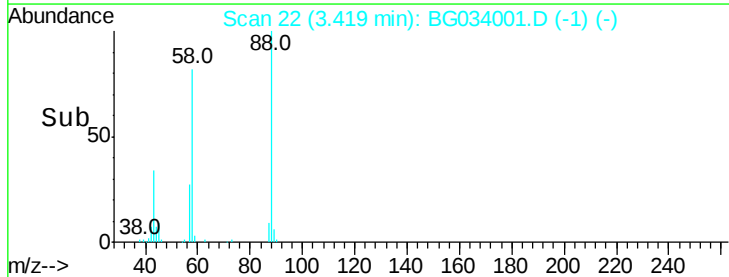
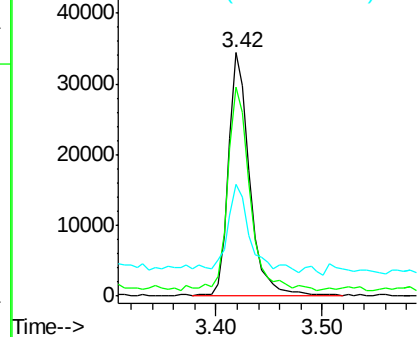
#2

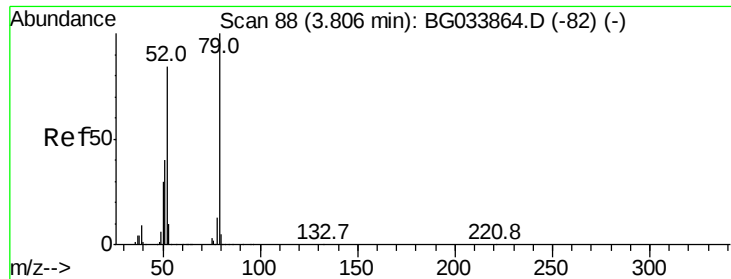
1,4-Dioxane
Concen: 28.424 ng
RT: 3.42 min Scan# 22
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion: 88 Resp: 47830
Ion Ratio Lower Upper
88 100
58 88.0 79.6 119.4
43 37.4 27.4 41.0



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





#3

Pvridine

Concen: 29.642 ng

RT: 3.80 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampled :

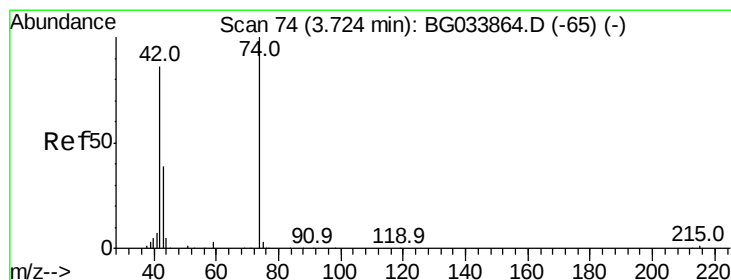
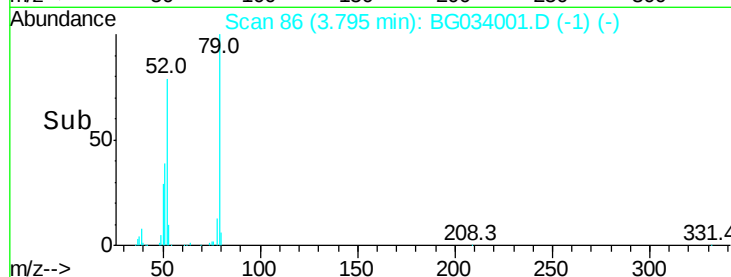
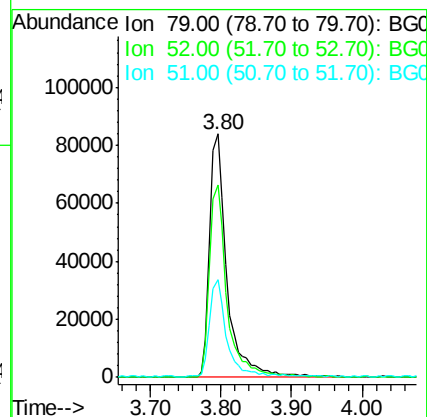
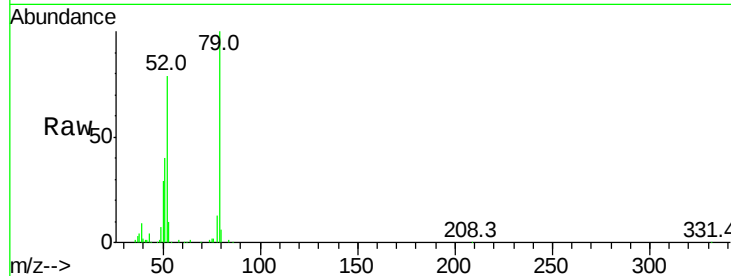
Tot Ion: 79 Resp: 144319

Ion Ratio Lower Upper

79 100

52 78.8 69.9 104.9

51 40.2 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 38.587 ng

RT: 3.71 min Scan# 72

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

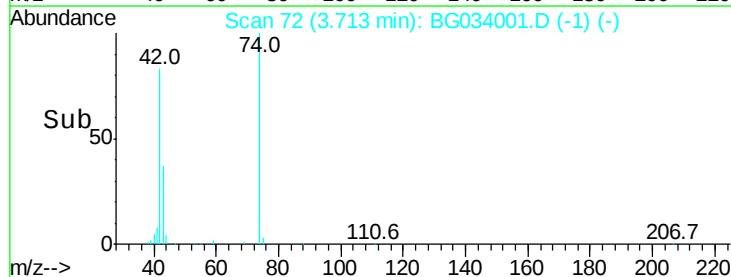
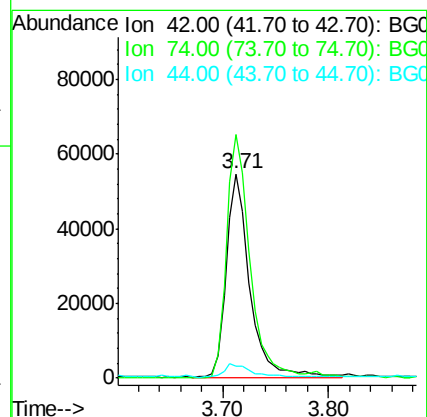
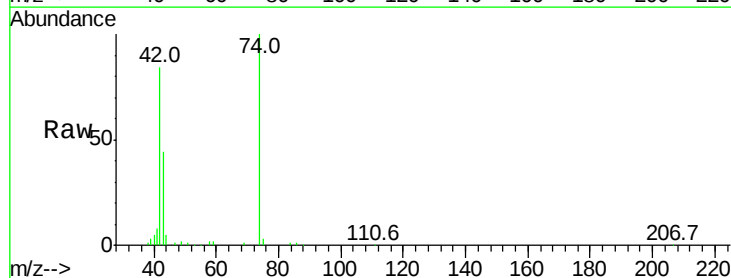
Tgt Ion: 42 Resp: 85590

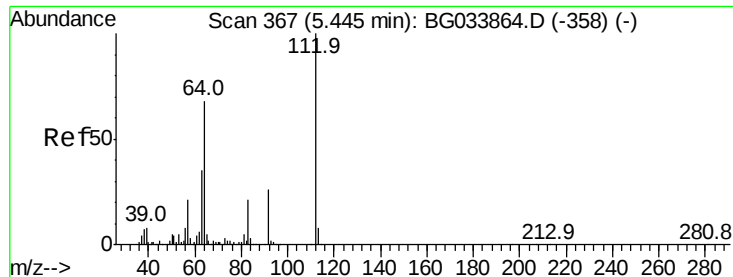
Ion Ratio Lower Upper

42 100

74 119.2 102.5 153.7

44 5.9 18.9 28.3#





#5

2-Fluorophenol

Concen: 141.465 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.00 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

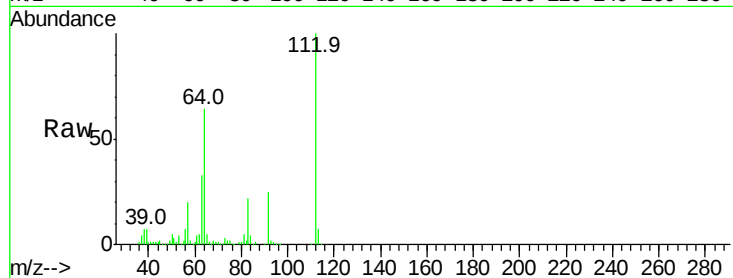
Tot Ion:112 Resp: 563350

Ion Ratio Lower Upper

112 100

64 64.3 56.3 84.5

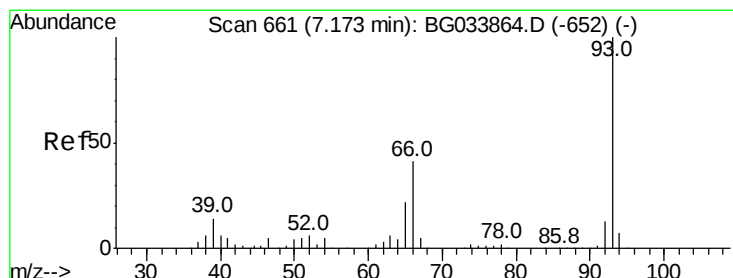
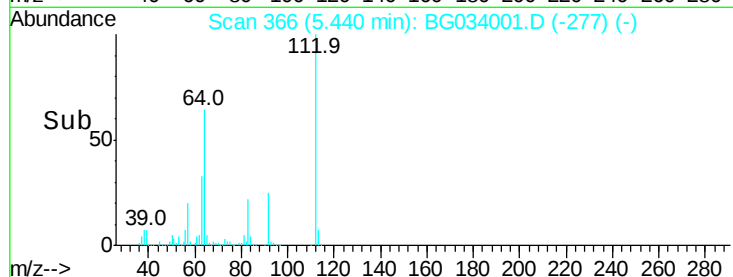
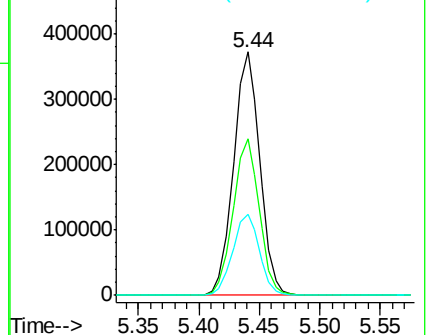
63 33.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.264 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

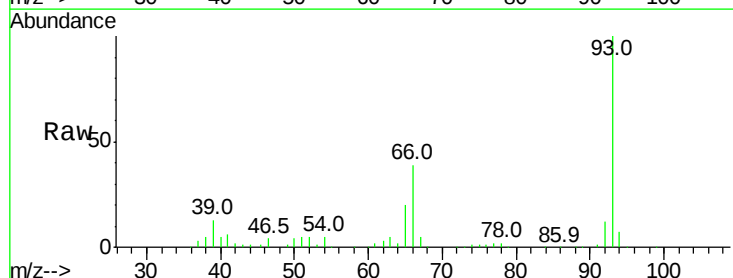
Tgt Ion: 93 Resp: 172860

Ion Ratio Lower Upper

93 100

66 39.4 33.7 50.5

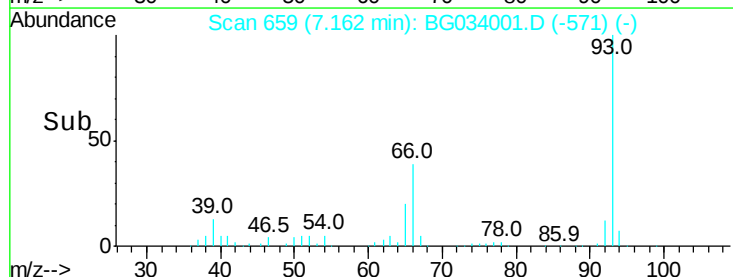
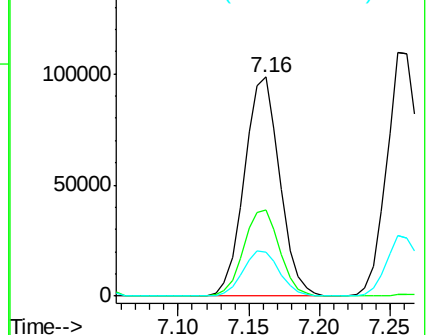
65 19.9 16.1 24.1

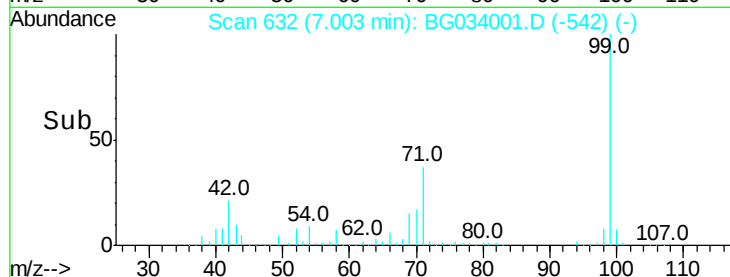
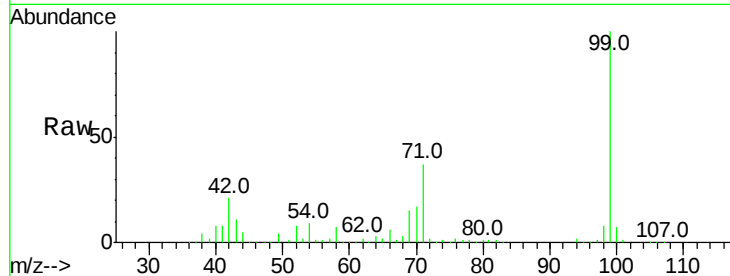
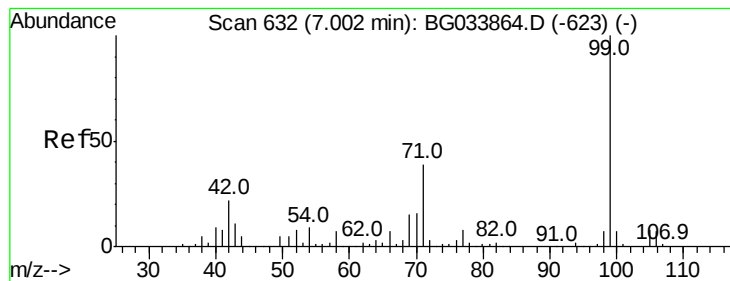


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.267 ng

RT: 7.00 min Scan# 632

Delta R.T. 0.00 min

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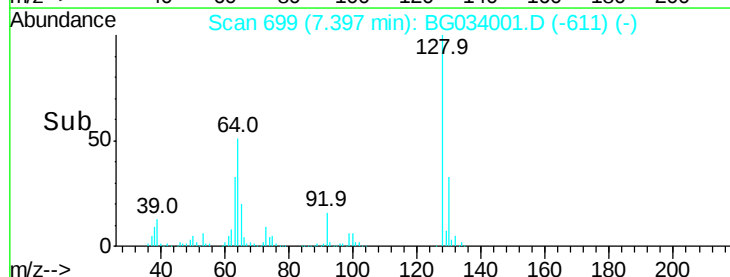
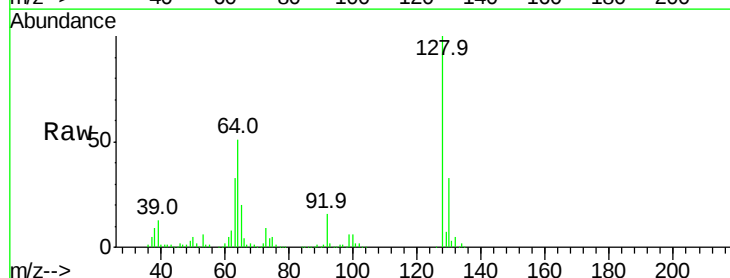
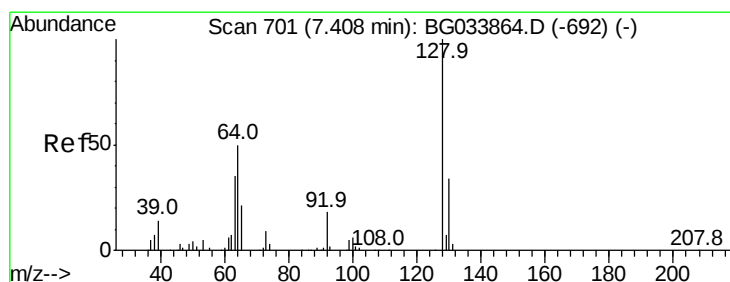
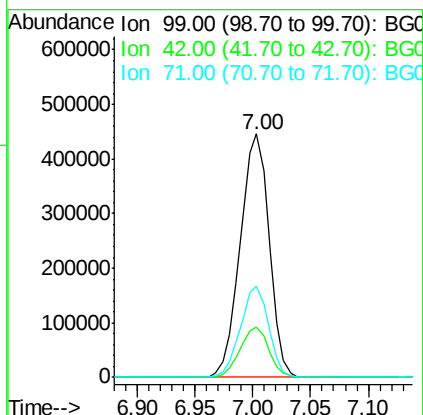
Tot Ion: 99 Resp: 774064

Ion Ratio Lower Upper

99 100

42 20.6 14.1 21.1

71 37.5 26.1 39.1



#8

2-Chlorophenol

Concen: 45.665 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

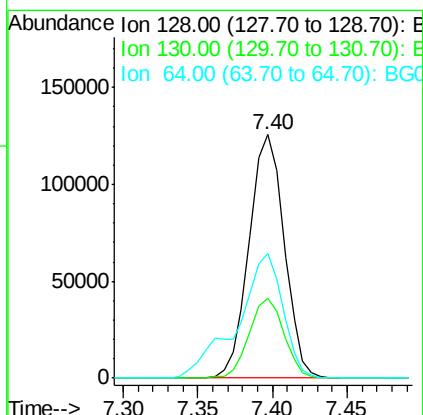
Tgt Ion:128 Resp: 203762

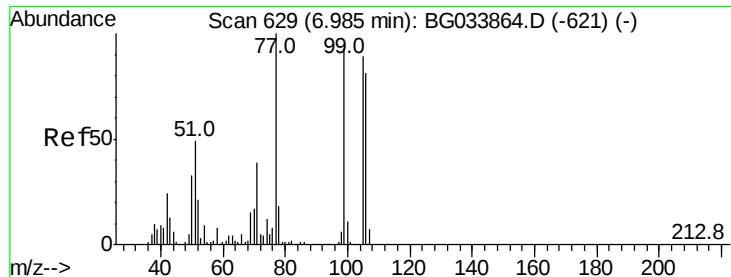
Ion Ratio Lower Upper

128 100

130 32.8 14.0 54.0

64 50.9 37.7 77.7





#9

Benzaldehyde

Concen: 23.703 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.01 min

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ClientSampleId :

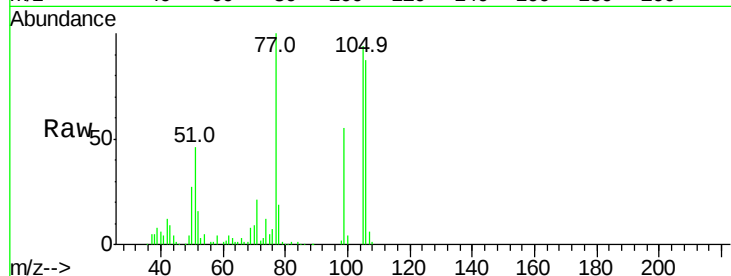
Tot Ion: 77 Resp: 82000

Ion Ratio Lower Upper

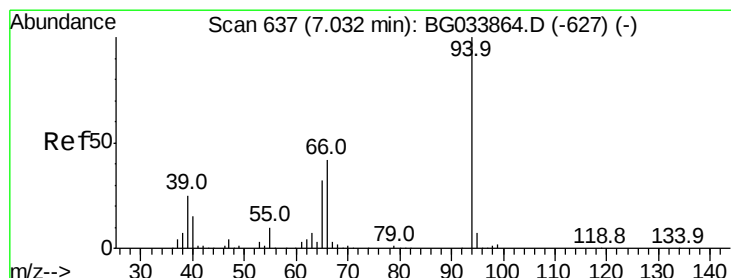
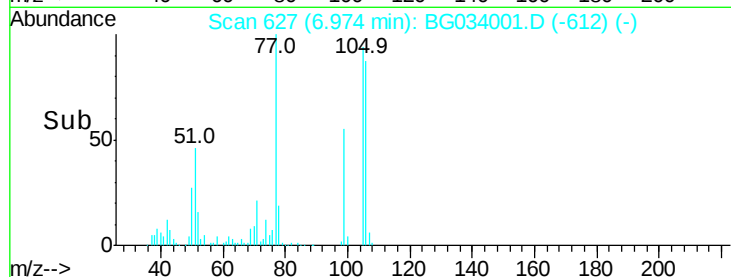
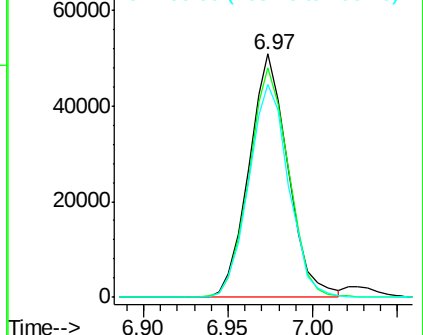
77 100

105 94.1 71.3 111.3

106 87.5 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: 44.345 ng

RT: 7.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

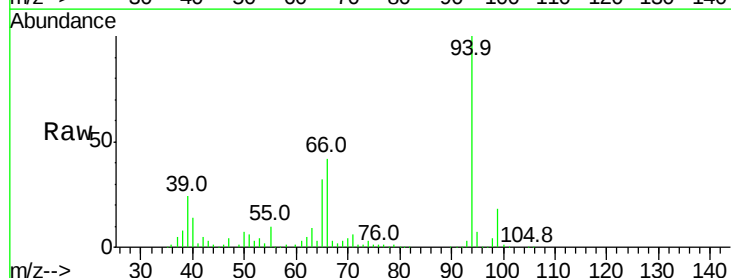
Tgt Ion: 94 Resp: 263867

Ion Ratio Lower Upper

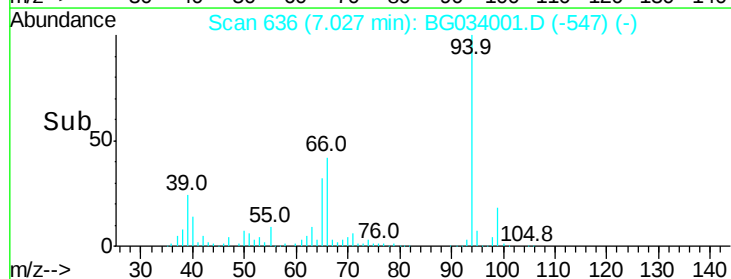
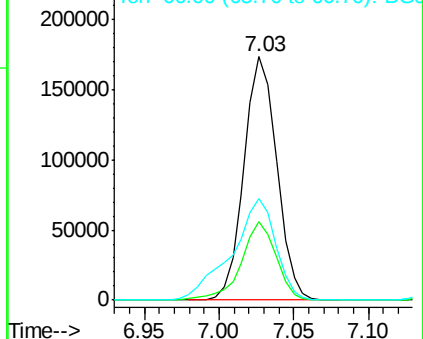
94 100

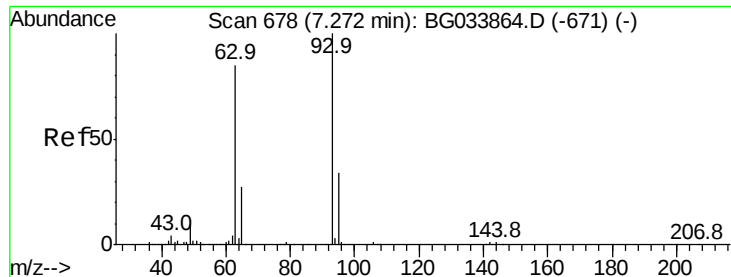
65 32.1 11.9 51.9

66 41.6 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

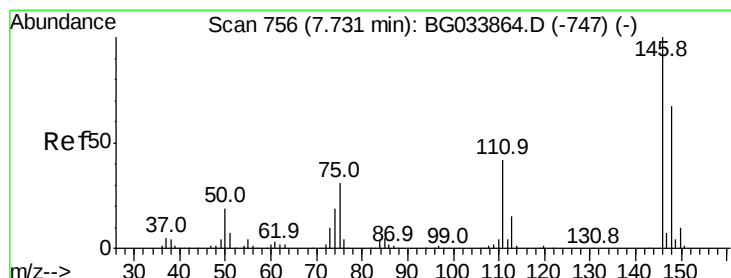
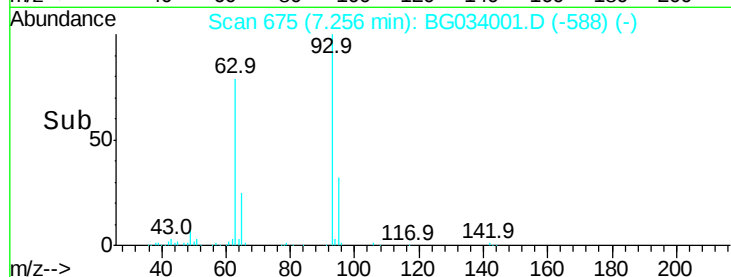
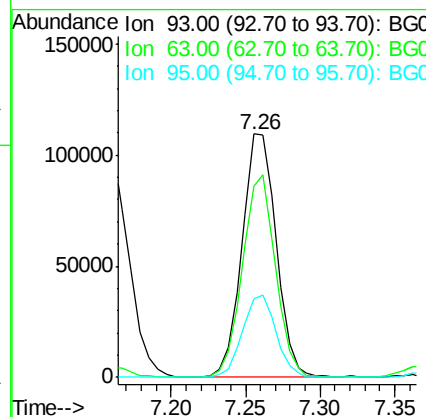
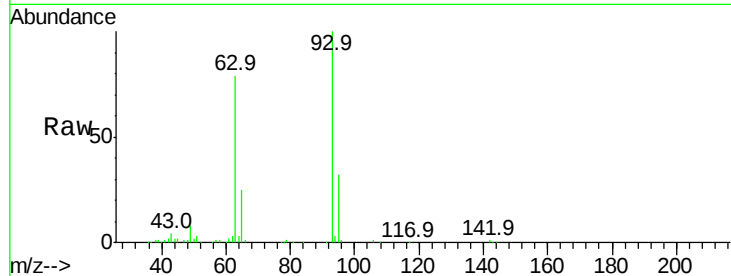




#11
bis(2-Chloroethyl)ether
Concen: 38.043 ng
RT: 7.26 min Scan# 675
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

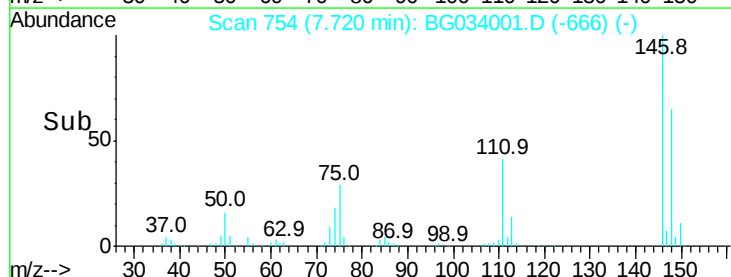
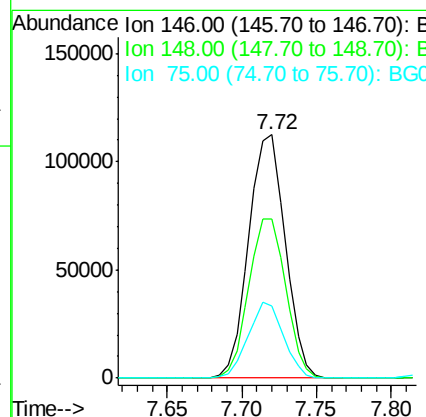
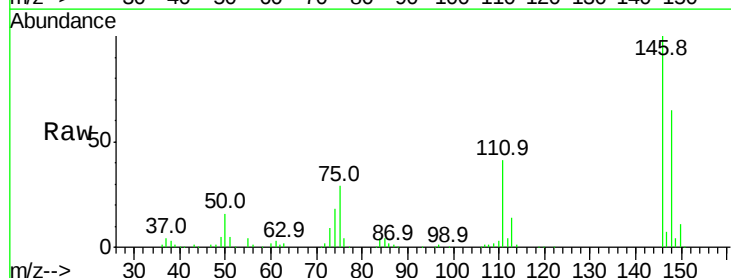
Instrument :
BNA_G
ClientSampled :

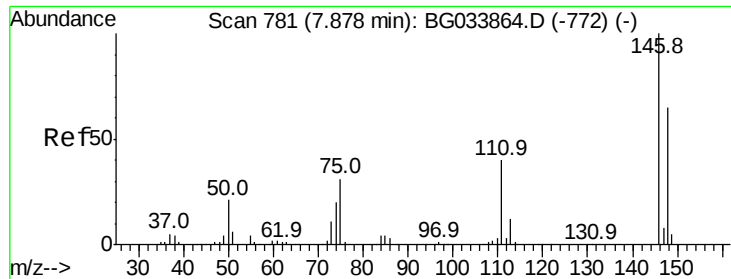
Tot Ion: 93 Resp: 173131
Ion Ratio Lower Upper
93 100
63 78.5 67.1 107.1
95 32.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 37.144 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion: 146 Resp: 190798
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.2
75 29.5 26.6 39.8

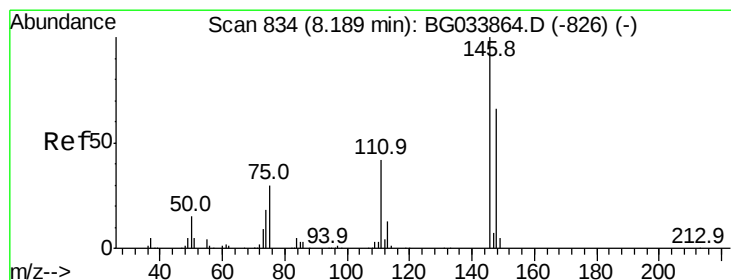
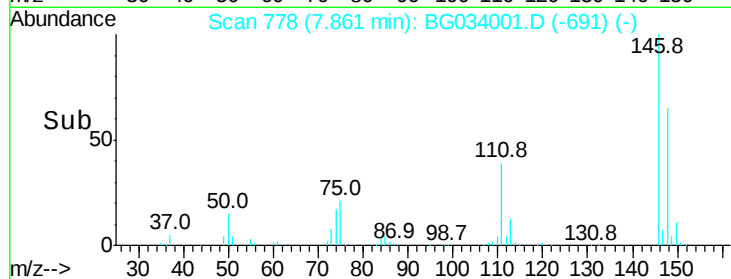
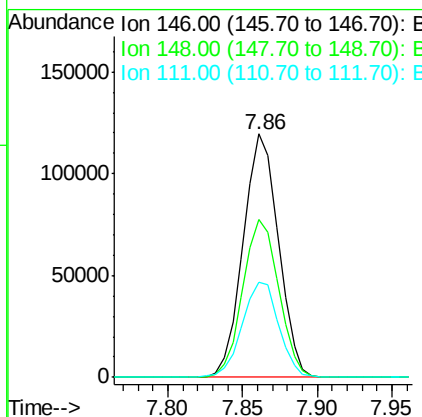
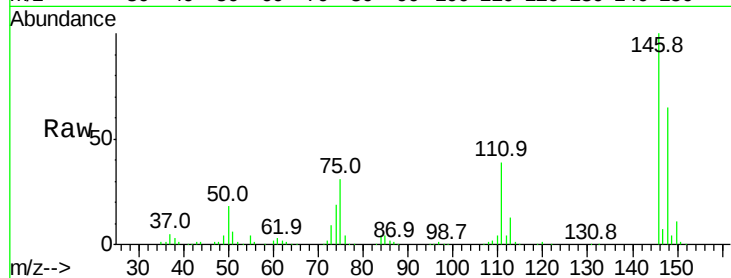




#13
 1,4-Dichlorobenzene
 Concen: 37.536 ng
 RT: 7.86 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

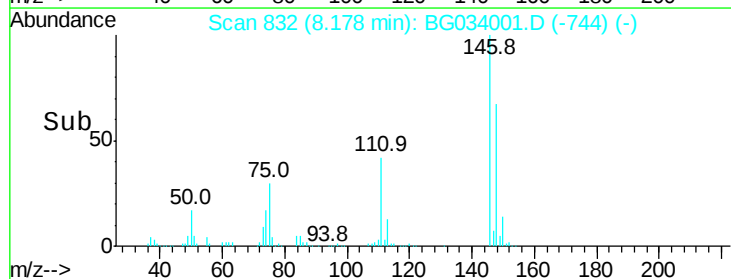
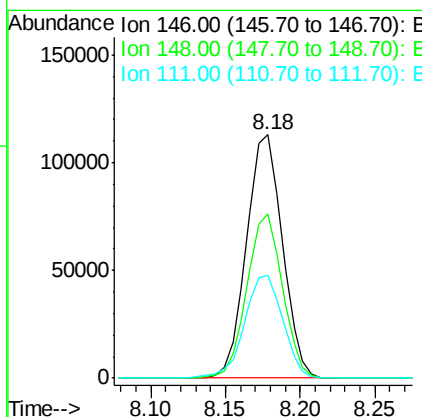
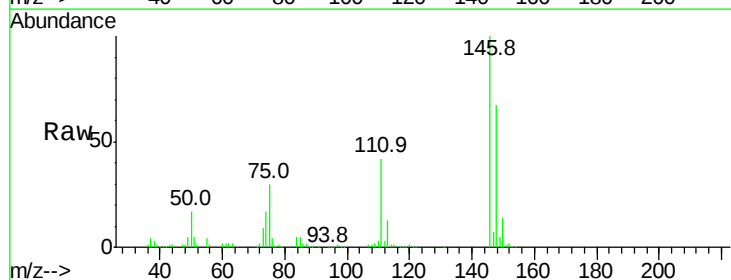
Instrument :
 BNA_G
 ClientSampleId :

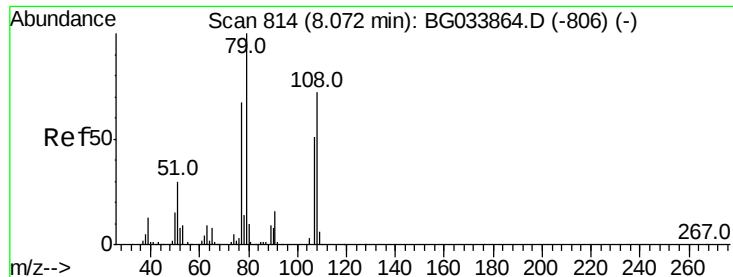
Tot Ion:146 Resp: 195285
 Ion Ratio Lower Upper
 146 100
 148 64.8 53.7 80.5
 111 39.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 37.219 ng
 RT: 8.18 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion:146 Resp: 188309
 Ion Ratio Lower Upper
 146 100
 148 67.5 49.3 73.9
 111 42.2 34.3 51.5





#15

Benzyl Alcohol

Concen: 39.422 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

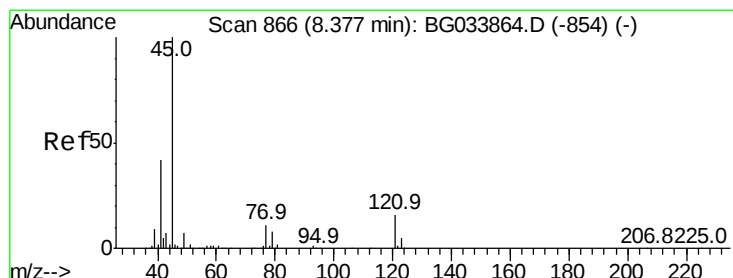
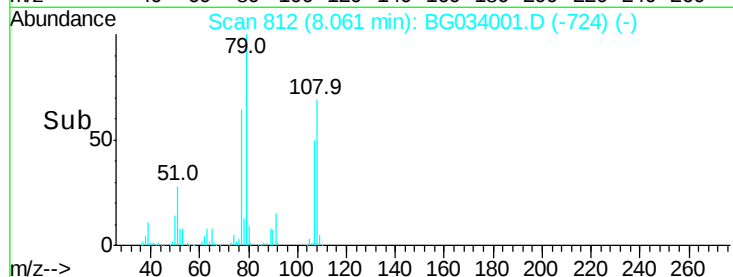
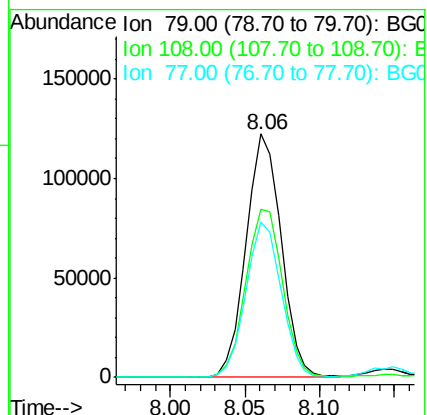
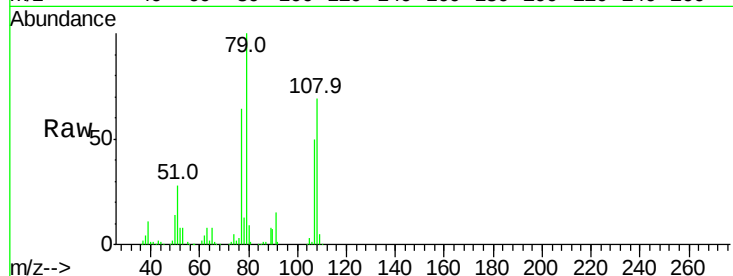
Tot Ion: 79 Resp: 199664

Ion Ratio Lower Upper

79 100

108 69.1 57.2 85.8

77 63.6 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.216 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

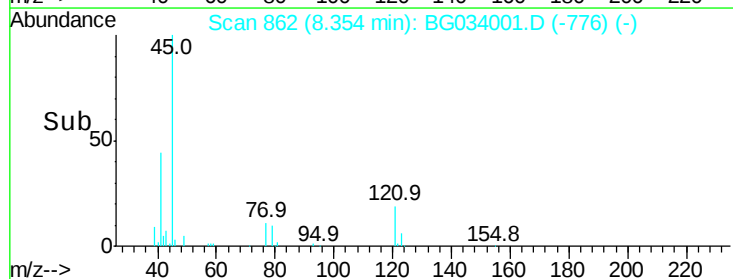
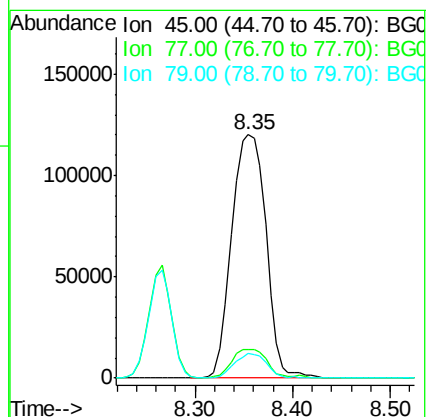
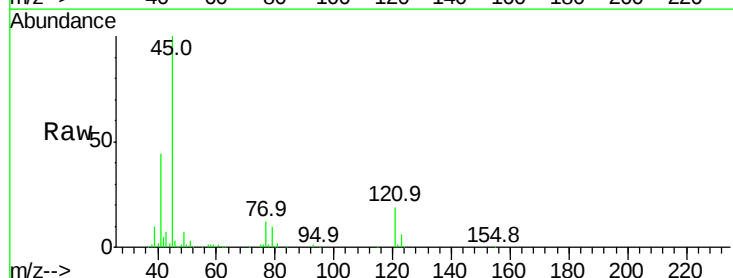
Tgt Ion: 45 Resp: 294830

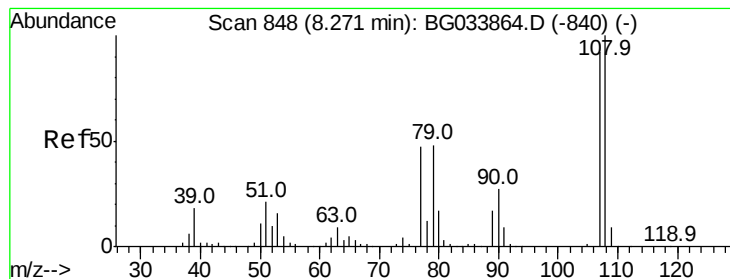
Ion Ratio Lower Upper

45 100

77 11.7 0.0 30.2

79 10.1 0.0 27.9

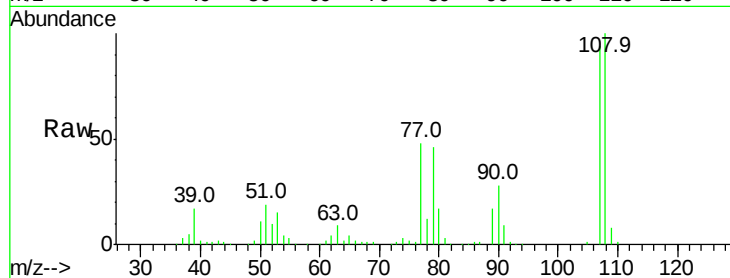




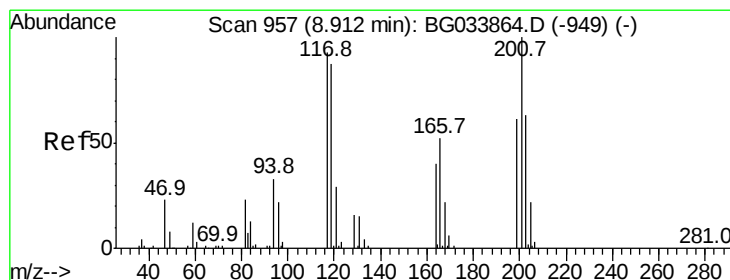
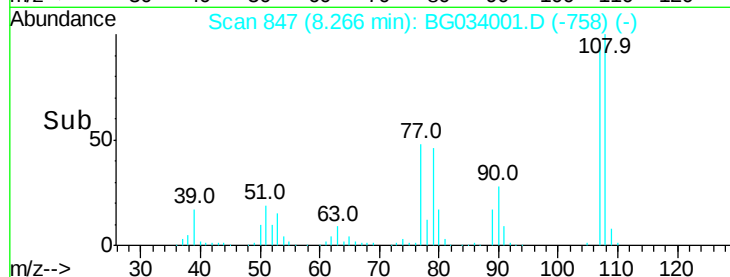
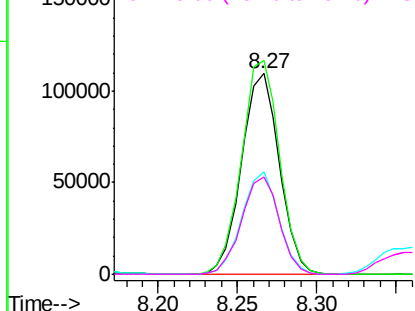
#17
2-Methylphenol
Concen: 41.135 ng
RT: 8.27 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 181384
Ion Ratio Lower Upper
107 100
108 106.4 83.9 125.9
77 50.9 37.2 55.8
79 48.4 36.2 54.2

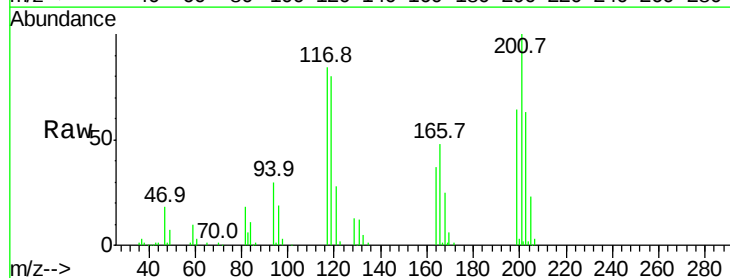


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

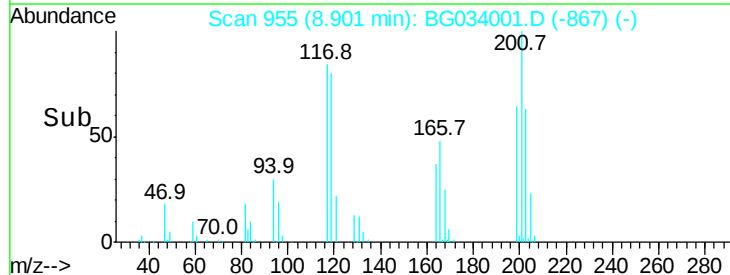
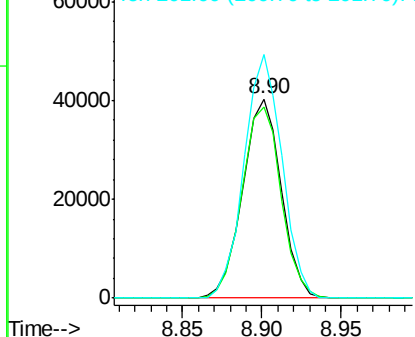


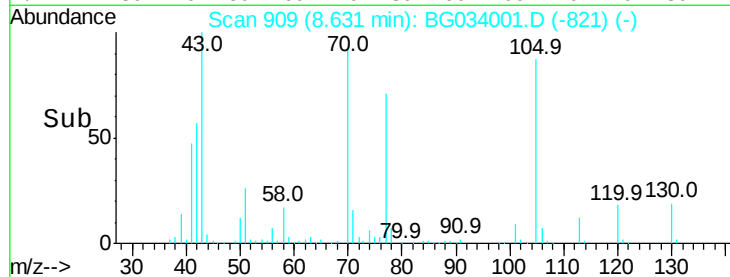
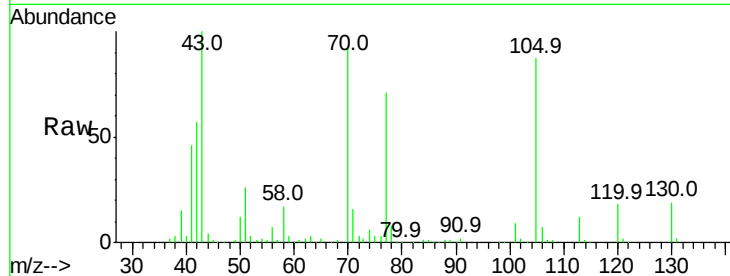
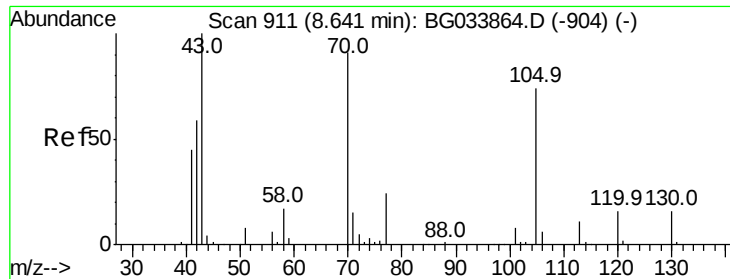
#18
Hexachloroethane
Concen: 35.733 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion:117 Resp: 67934
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1
201 122.5 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

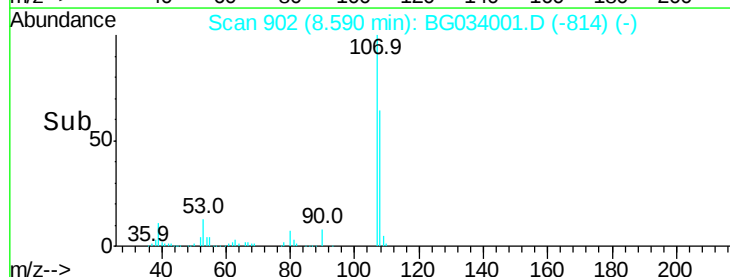
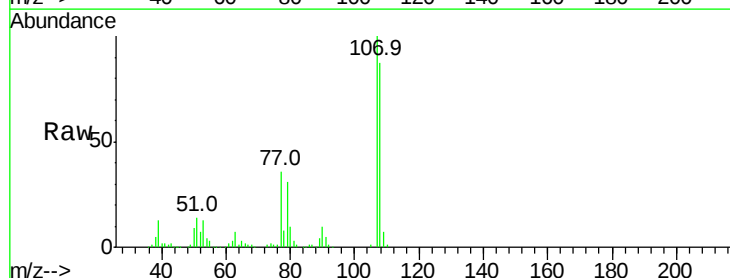
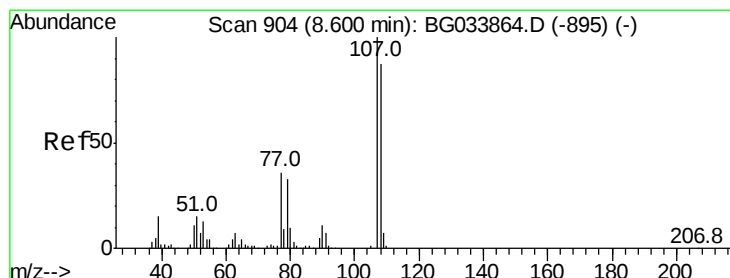
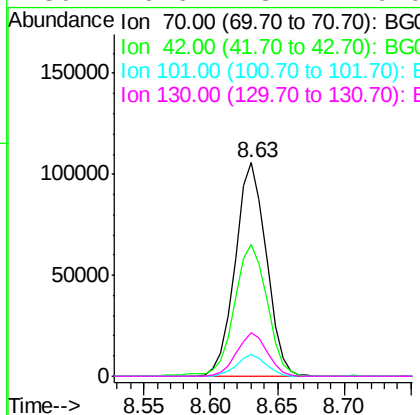




#19
n-Nitroso-di-n-propylamine
Concen: 34.467 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

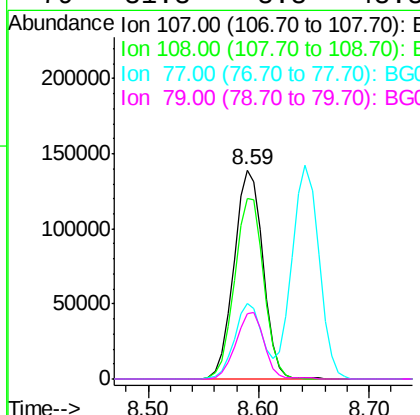
Instrument :
BNA_G
ClientSampleId :

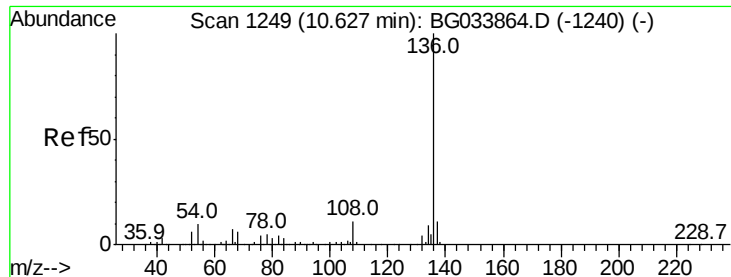
Tot Ion: 70 Resp: 170648
Ion Ratio Lower Upper
70 100
42 61.5 49.1 73.7
101 10.1 8.5 12.7
130 20.6 13.4 20.0#



#20
3+4-Methylphenols
Concen: 40.234 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion:107 Resp: 257782
Ion Ratio Lower Upper
107 100
108 86.5 61.6 101.6
77 36.0 13.9 53.9
79 31.3 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: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 301306

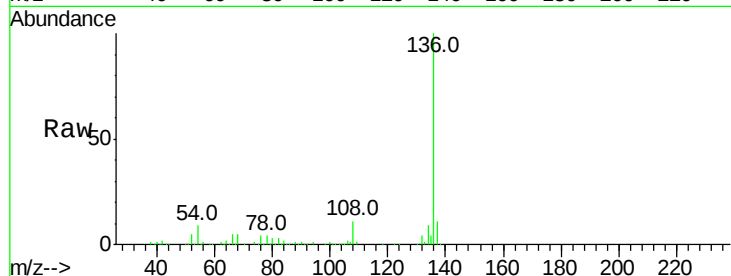
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 8.7 10.3 15.5#

68 4.9 4.5 6.7

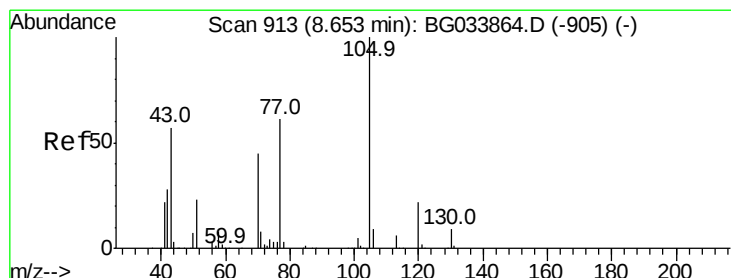
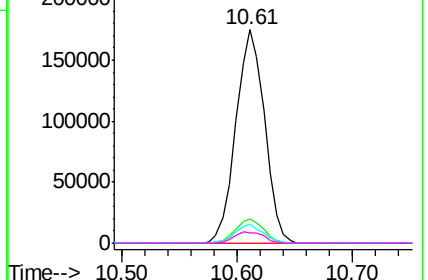
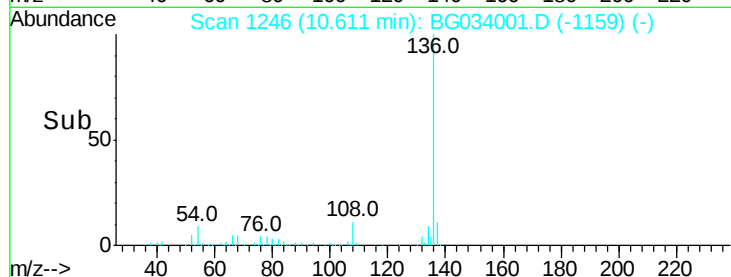


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 36.115 ng

RT: 8.64 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion:105 Resp: 296169

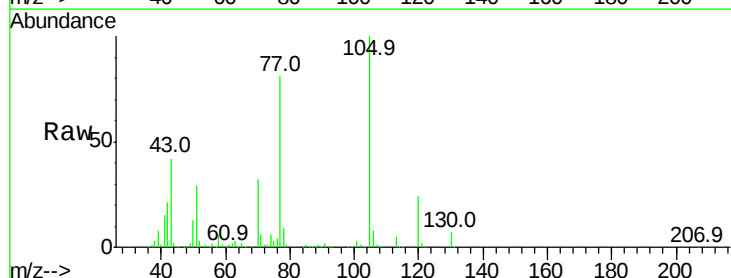
Ion Ratio Lower Upper

105 100

71 5.6 3.0 4.4#

51 29.5 26.1 39.1

120 23.5 17.4 26.2

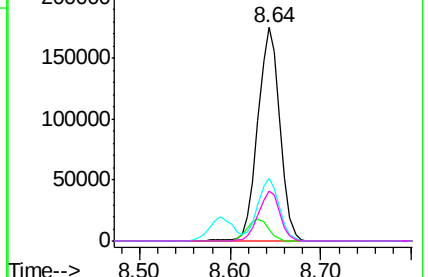
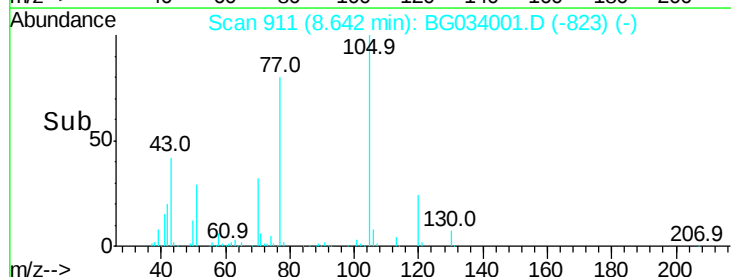


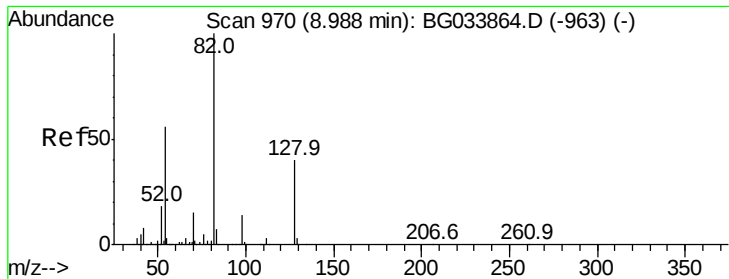
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 88.577 ng

RT: 8.98 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

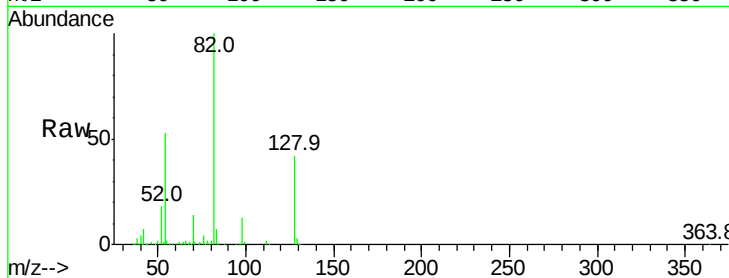
Tot Ion: 82 Resp: 468968

Ion Ratio Lower Upper

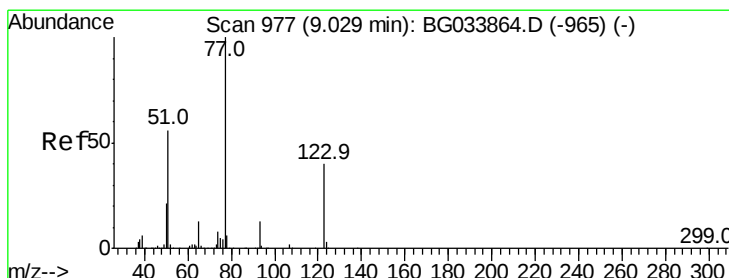
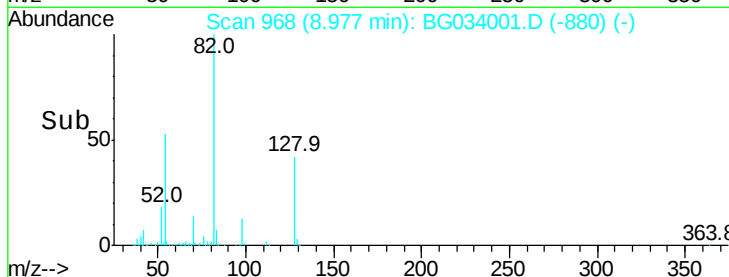
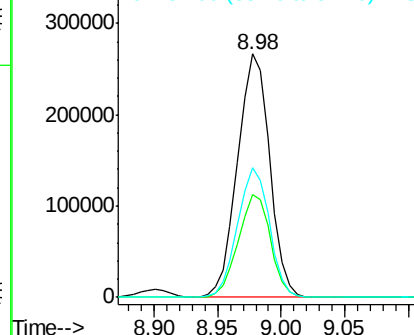
82 100

128 42.4 29.7 44.5

54 53.1 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: 40.606 ng

RT: 9.02 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

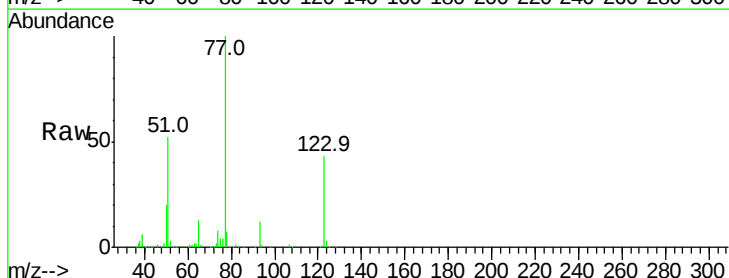
Tgt Ion: 77 Resp: 234270

Ion Ratio Lower Upper

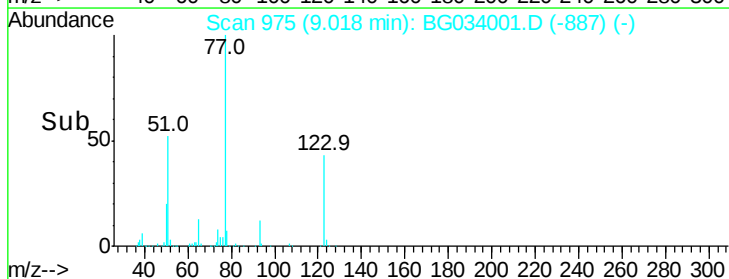
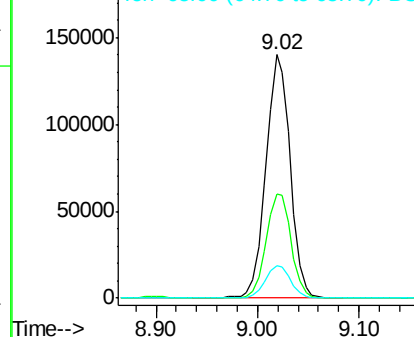
77 100

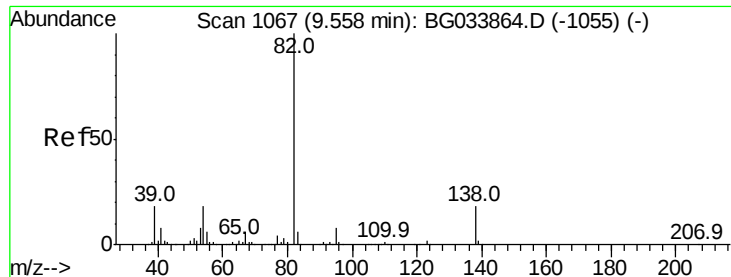
123 42.6 33.0 49.6

65 13.3 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: 38.194 ng

RT: 9.54 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

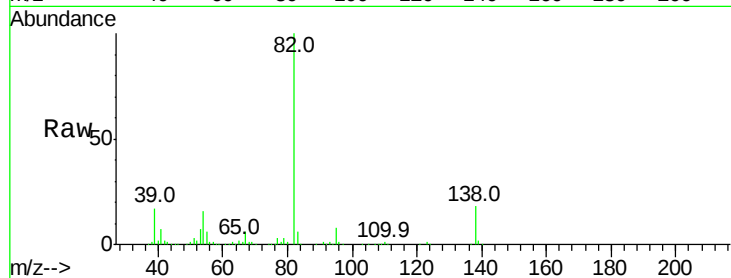
Tot Ion: 82 Resp: 454645

Ion Ratio Lower Upper

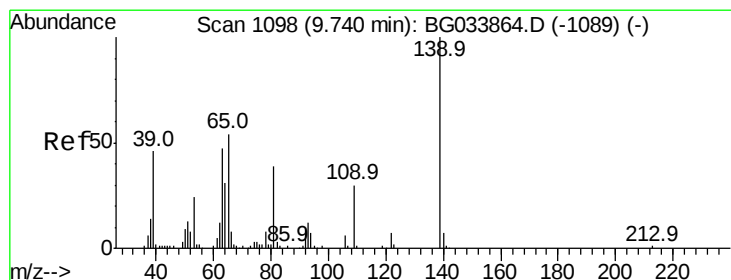
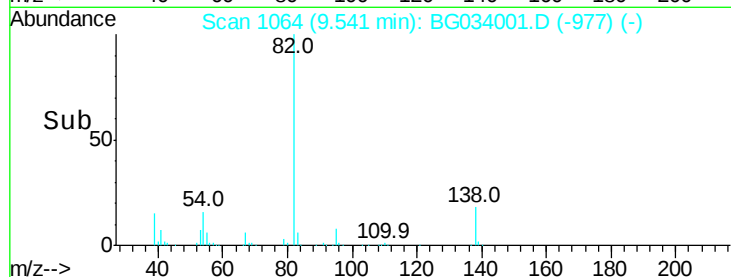
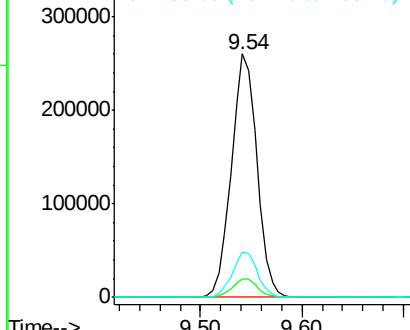
82 100

95 7.8 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: 50.427 ng

RT: 9.72 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

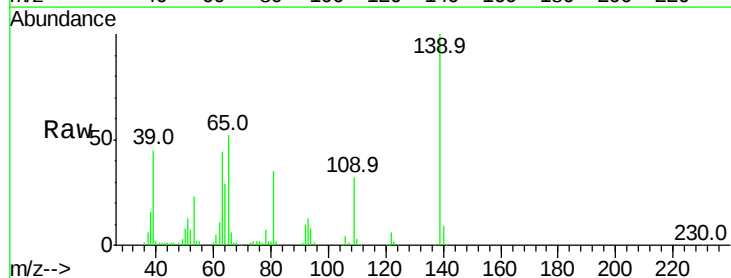
Tgt Ion: 139 Resp: 114955

Ion Ratio Lower Upper

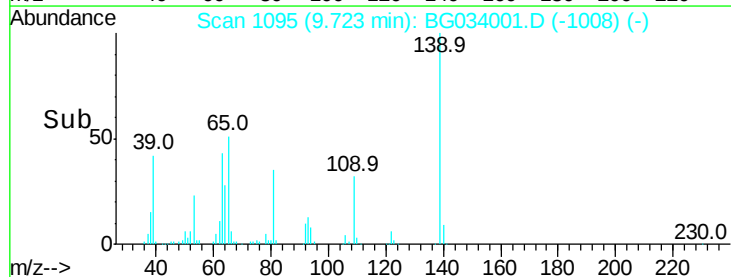
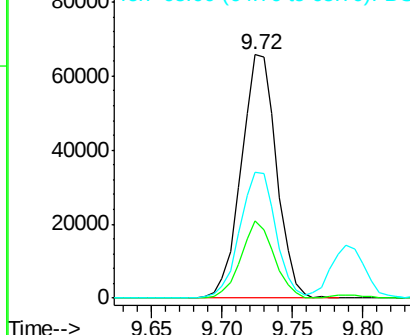
139 100

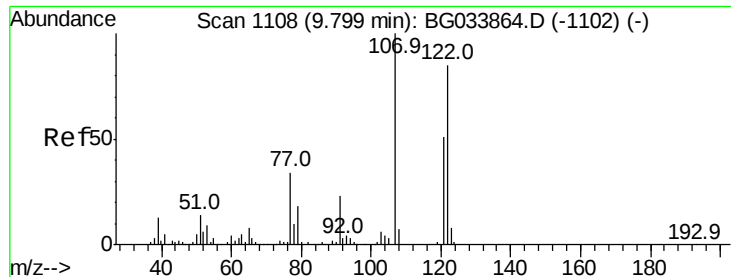
109 31.5 24.2 36.2

65 52.0 47.4 71.0



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





#27

2,4-Dimethylphenol

Concen: 49.553 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.00 min

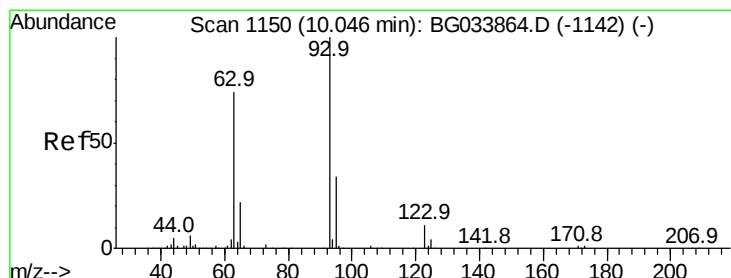
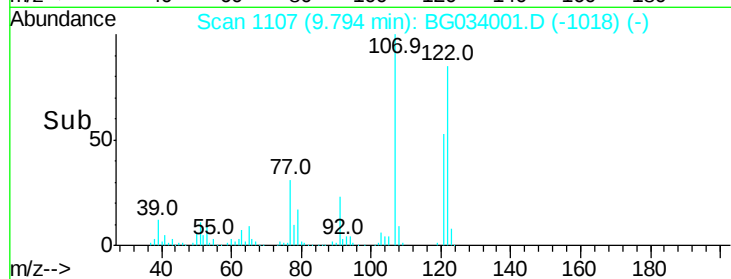
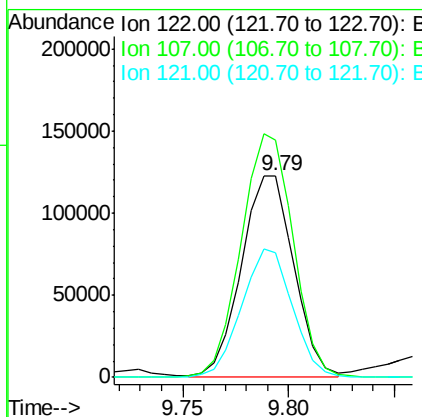
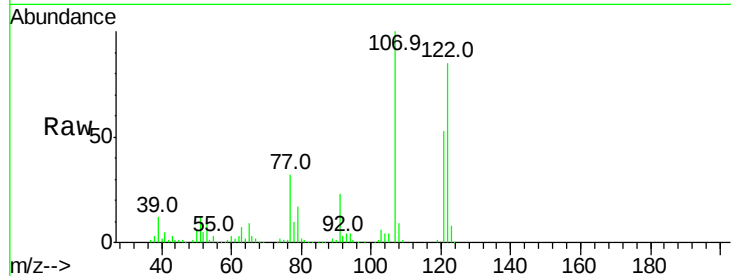
Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 211289

Ion	Ratio	Lower	Upper
122	100		
107	117.3	100.2	150.2
121	62.0	44.4	66.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.470 ng

RT: 10.03 min Scan# 1147

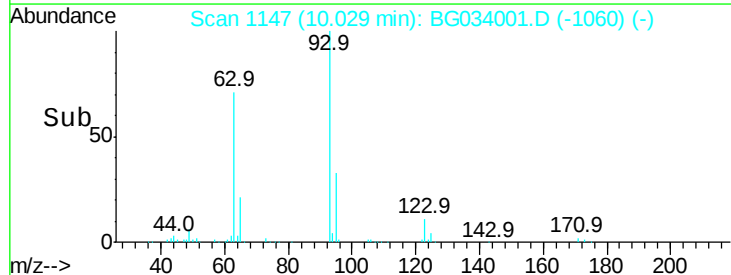
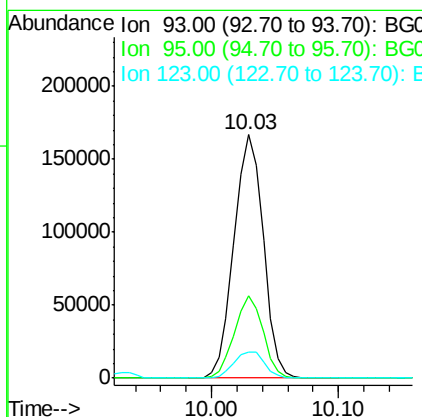
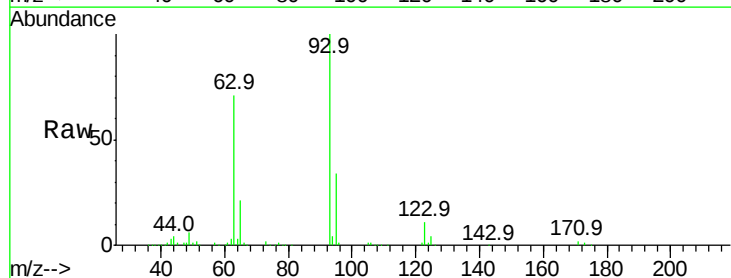
Delta R.T. -0.02 min

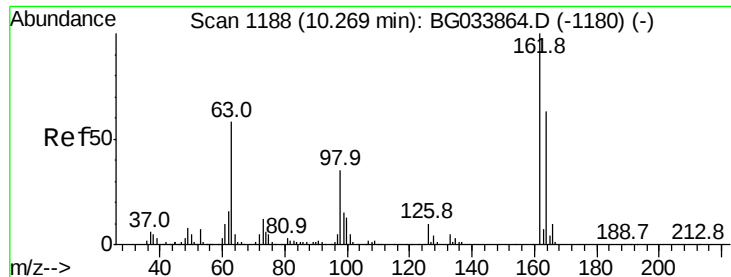
Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion: 93 Resp: 267176

Ion	Ratio	Lower	Upper
93	100		
95	33.6	24.3	36.5
123	10.9	8.4	12.6

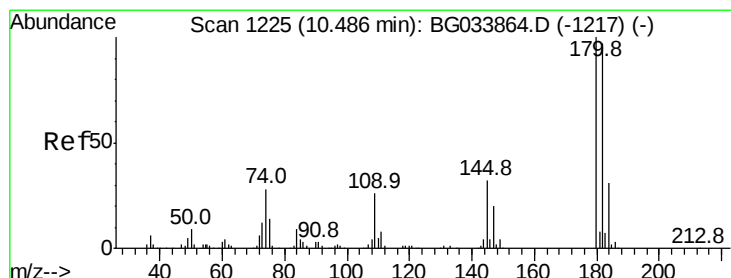
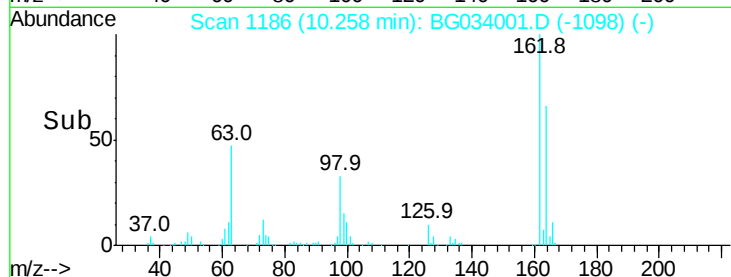
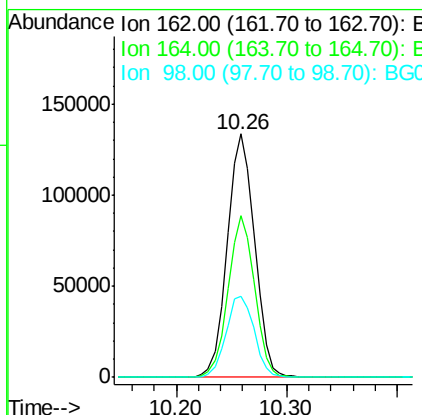
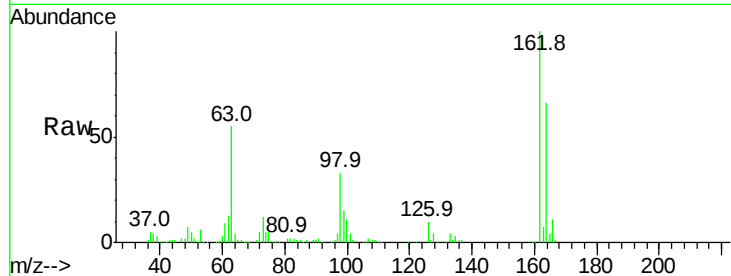




#29
 2,4-Dichlorophenol
 Concen: 48.846 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

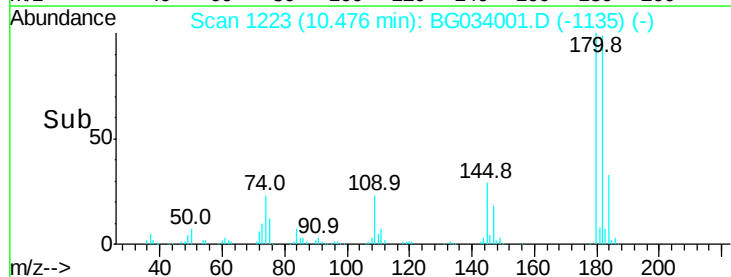
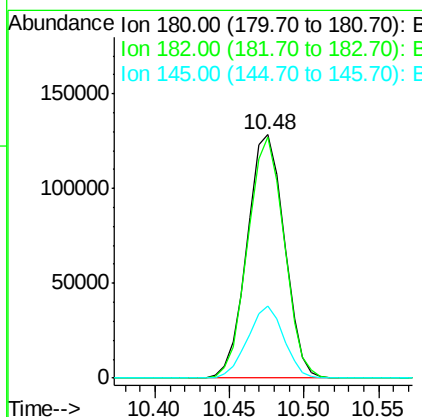
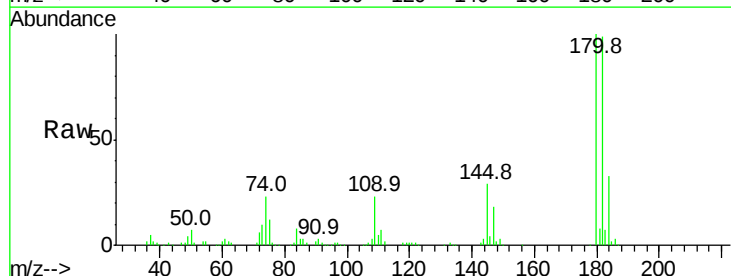
Instrument :
 BNA_G
 ClientSampleId :

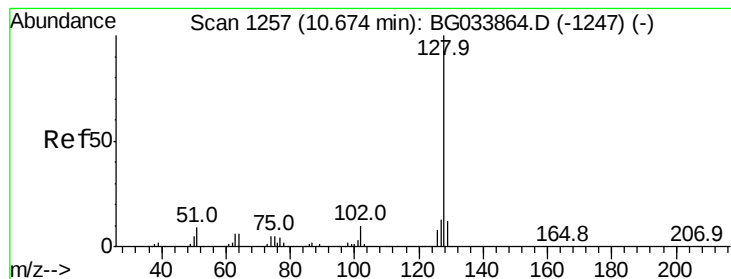
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	48.0	88.0
98	33.4	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.619 ng
 RT: 10.48 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	77.5	116.3
145	29.5	23.4	35.2





#31

Naphthalene

Concen: 39.532 ng

RT: 10.66 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

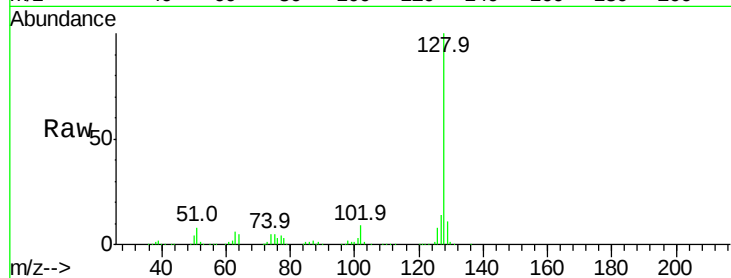
Tot Ion:128 Resp: 612533

Ion Ratio Lower Upper

128 100

129 10.5 8.6 12.8

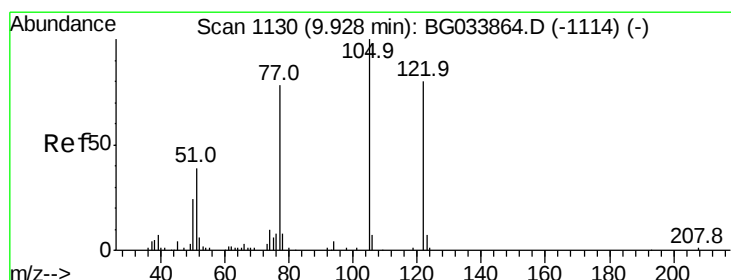
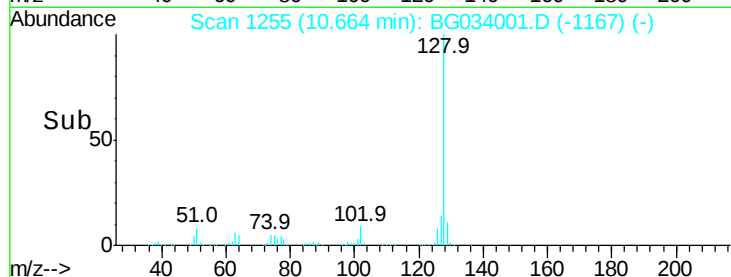
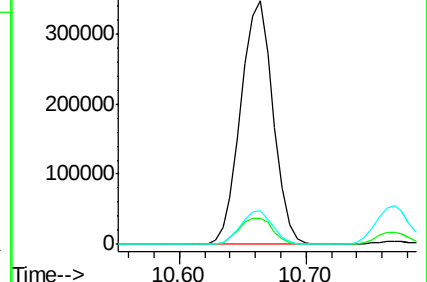
127 13.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.034 ng

RT: 9.93 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

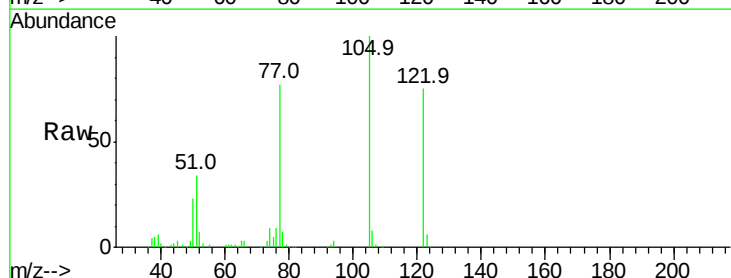
Tgt Ion:122 Resp: 161372

Ion Ratio Lower Upper

122 100

105 133.1 123.5 163.5

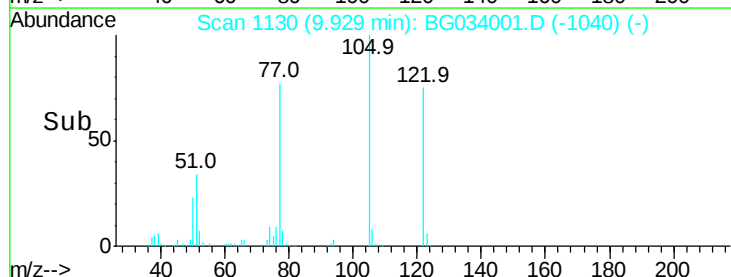
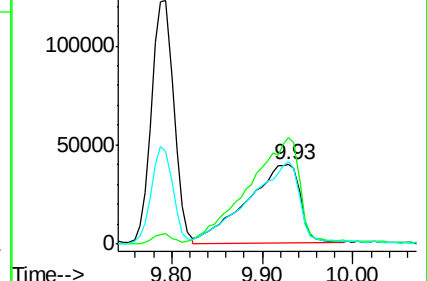
77 102.7 85.7 125.7

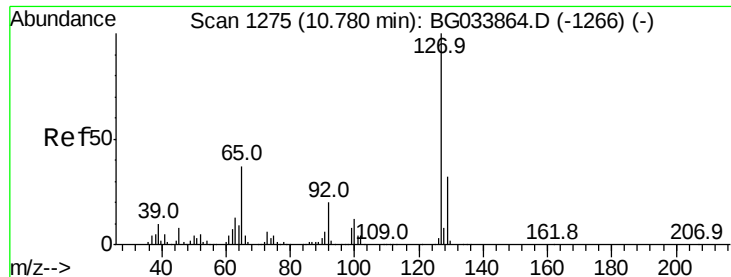


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

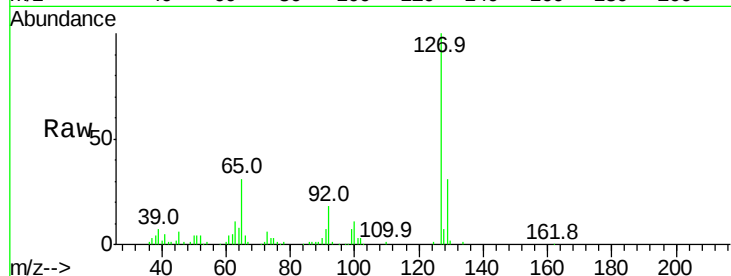




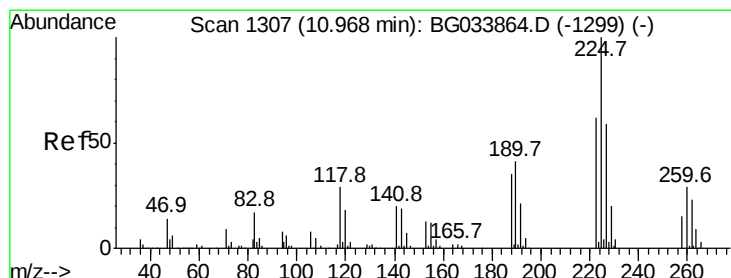
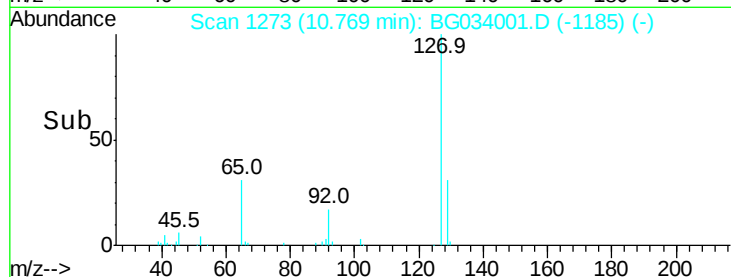
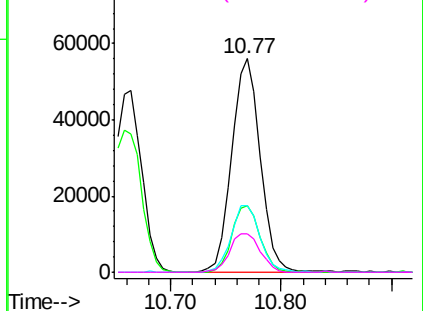
#33
4-Chloroaniline
Concen: 14.016 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	102076
Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.0	36.0
65	31.4	27.0	40.4
92	17.9	16.6	25.0

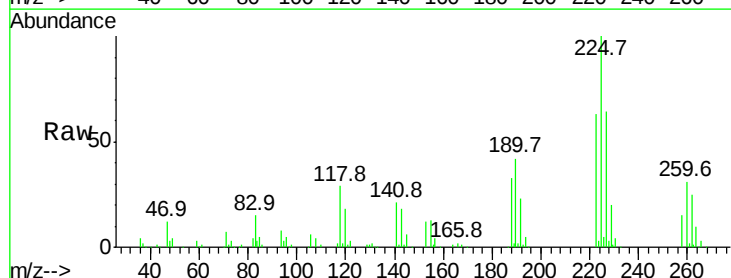


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

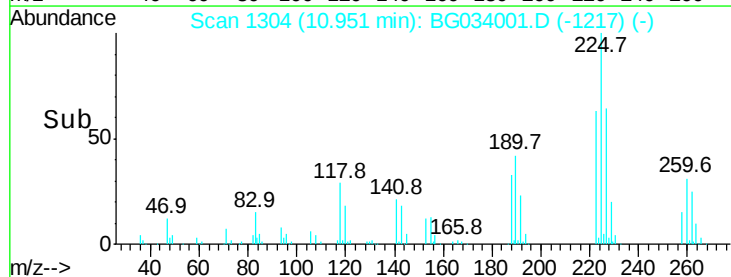
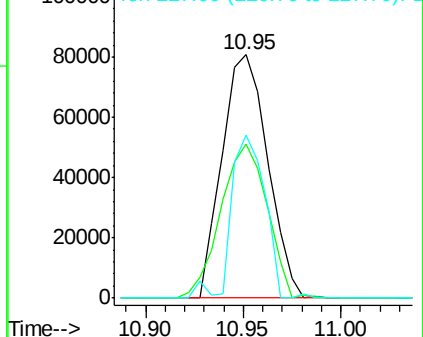


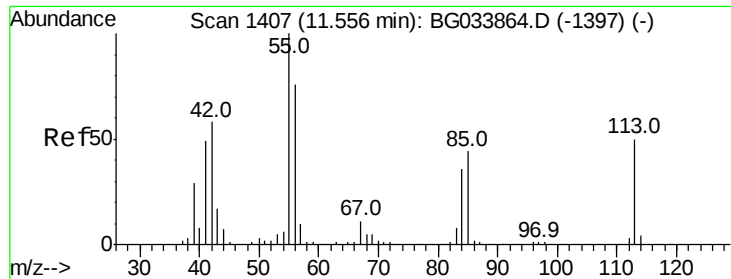
#34
Hexachlorobutadiene
Concen: 41.127 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion:	225	Resp:	130982
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	63.9	48.1	72.1



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





#35

Caprolactam

Concen: 22.804 ng

RT: 11.54 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

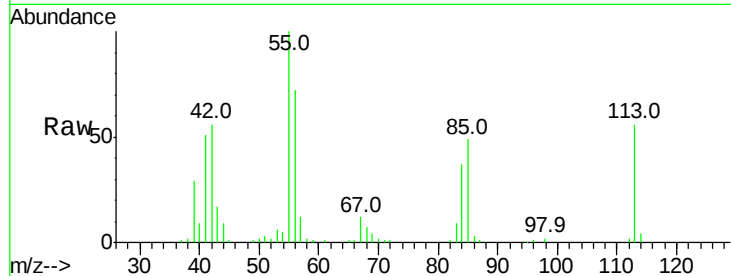
Tot Ion:113 Resp: 46085

Ion Ratio Lower Upper

113 100

55 179.1 186.9 226.9#

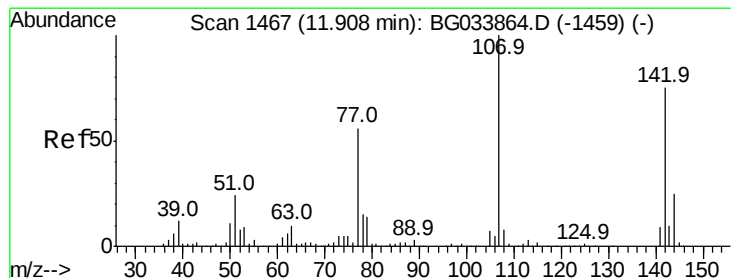
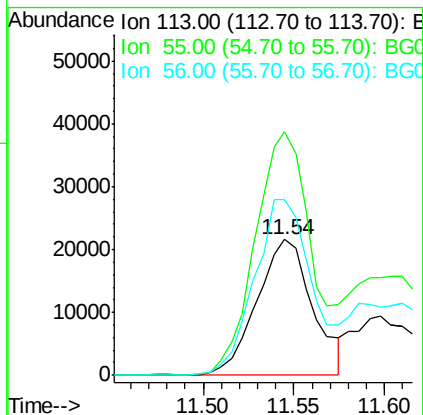
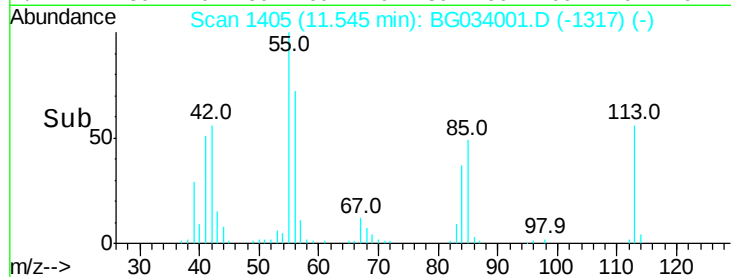
56 129.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.581 ng

RT: 11.90 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

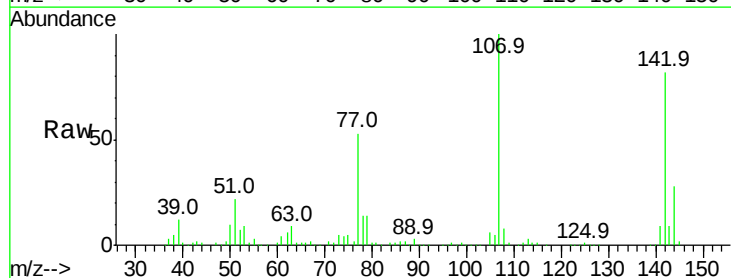
Tgt Ion:107 Resp: 247030

Ion Ratio Lower Upper

107 100

144 27.7 18.2 27.4#

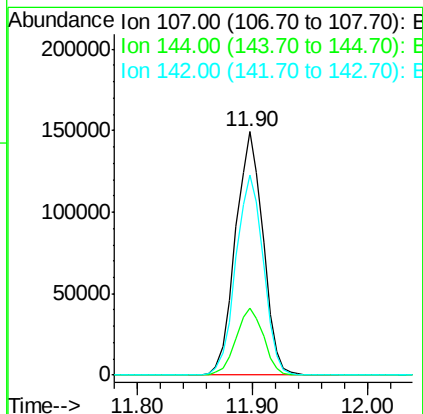
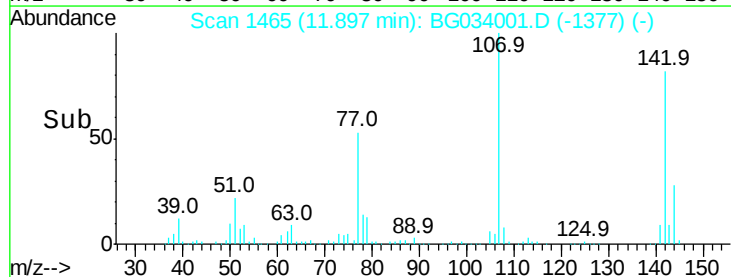
142 82.3 59.0 88.4

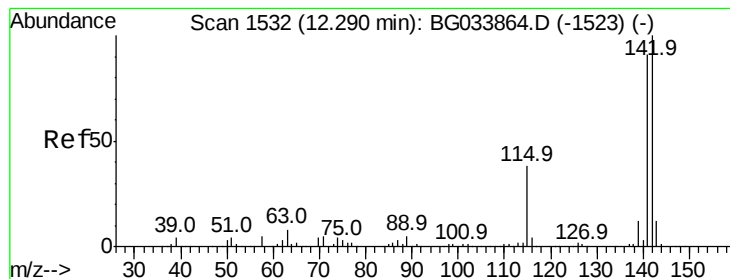


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.847 ng

RT: 12.27 min Scan# 1529

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

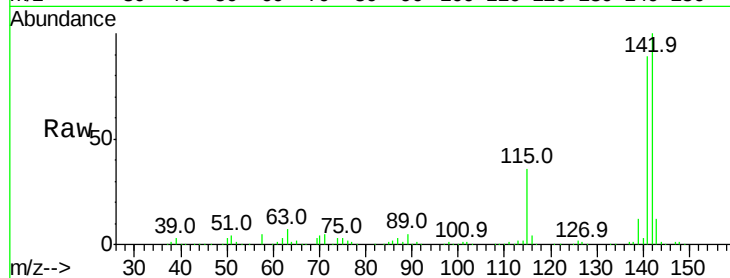
Tot Ion:142 Resp: 484566

Ion Ratio Lower Upper

142 100

141 88.7 67.1 100.7

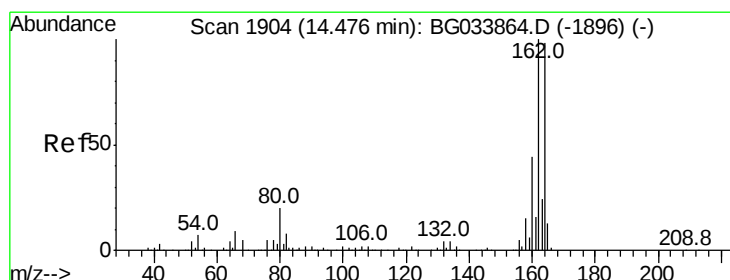
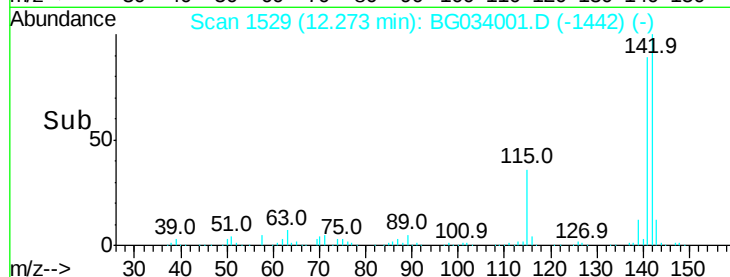
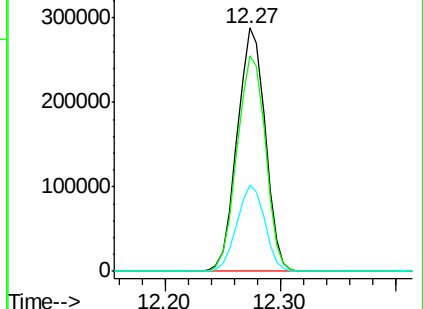
115 35.5 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

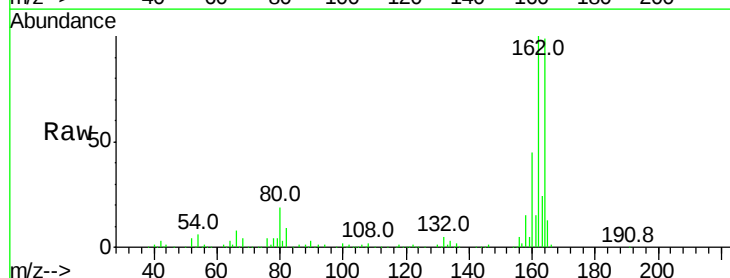
Tgt Ion:164 Resp: 207467

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

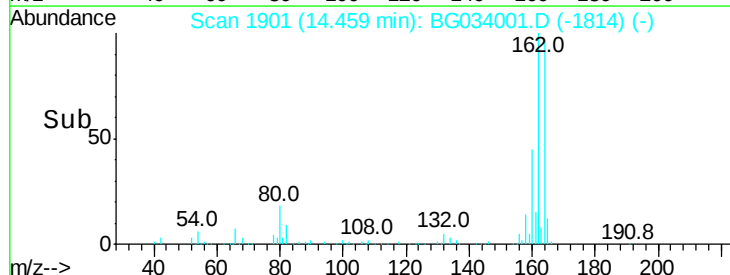
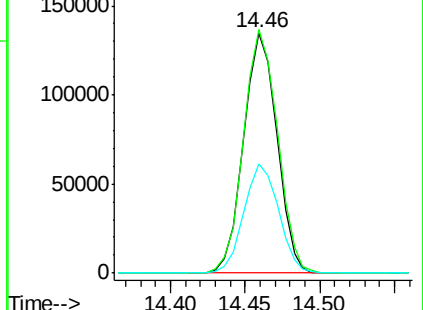
160 45.6 35.4 53.0

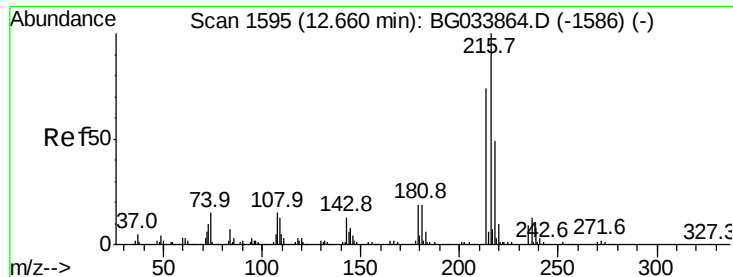


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.801 ng

RT: 12.64 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 287975

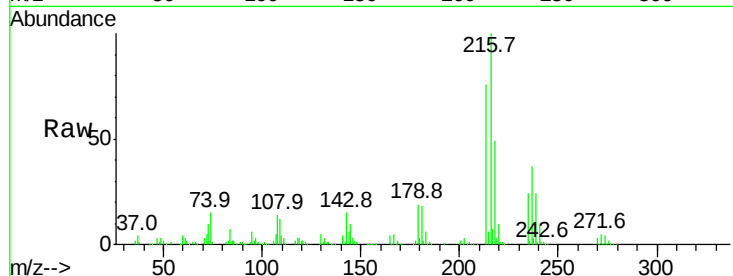
Ion Ratio Lower Upper

216 100

214 77.9 63.0 94.4

179 19.0 17.0 25.6

108 16.9 12.8 19.2

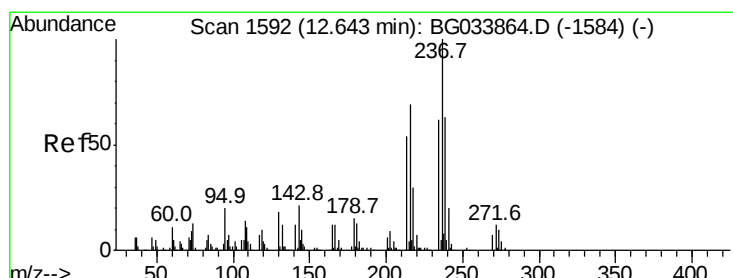
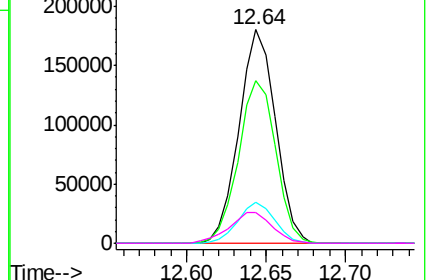
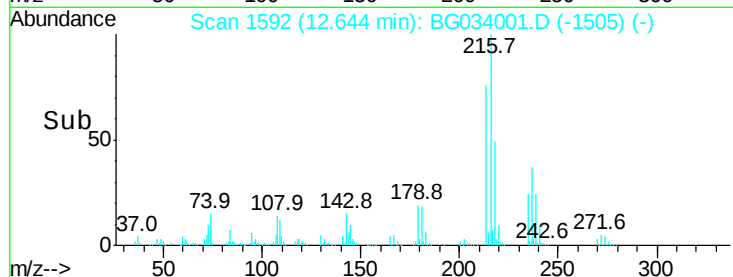


Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.986 ng

RT: 12.63 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

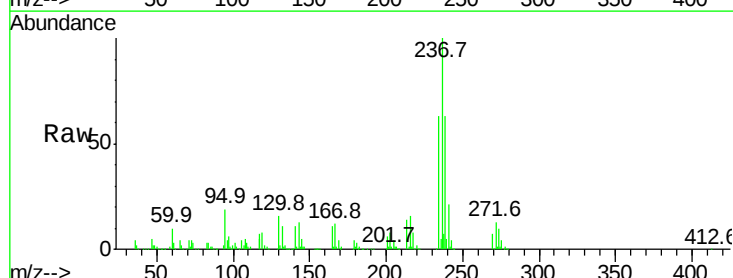
Tgt Ion:237 Resp: 371167

Ion Ratio Lower Upper

237 100

235 62.5 50.4 90.4

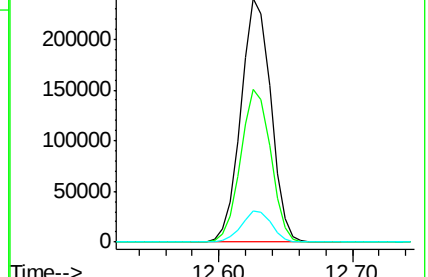
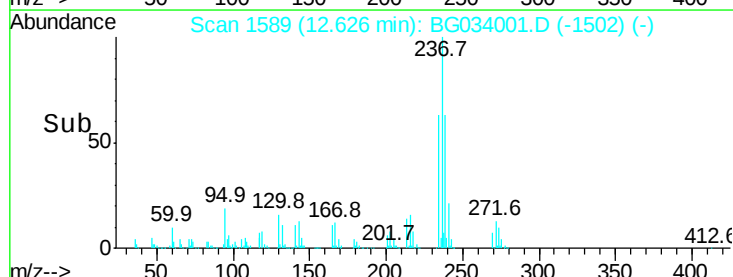
272 12.6 0.0 31.8

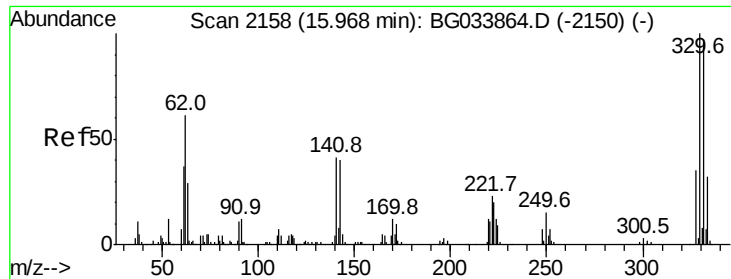


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

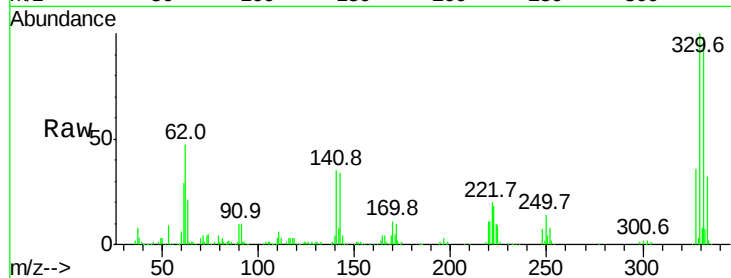




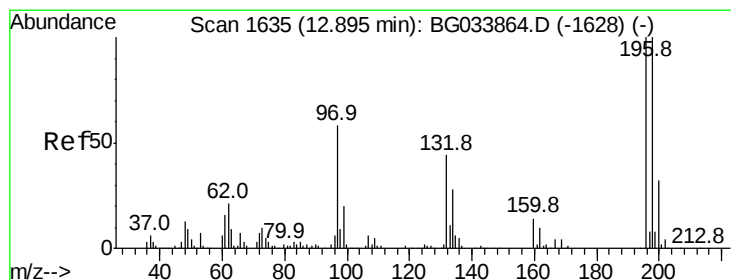
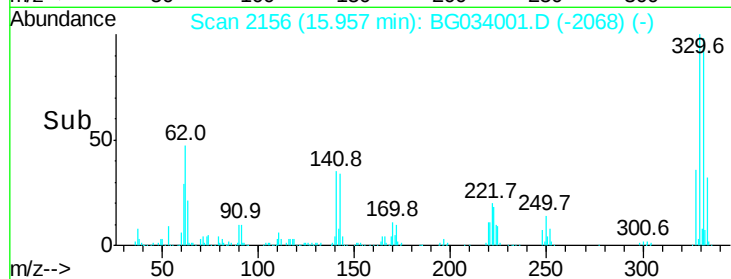
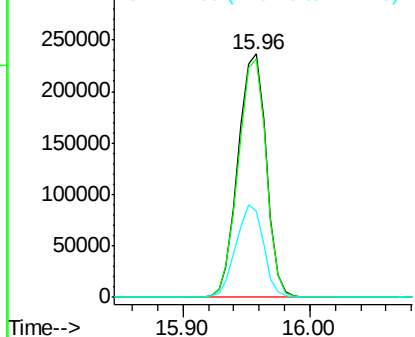
#41
 2,4,6-Tribromophenol
 Concen: 150.828 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 365070
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 37.0 25.2 37.8

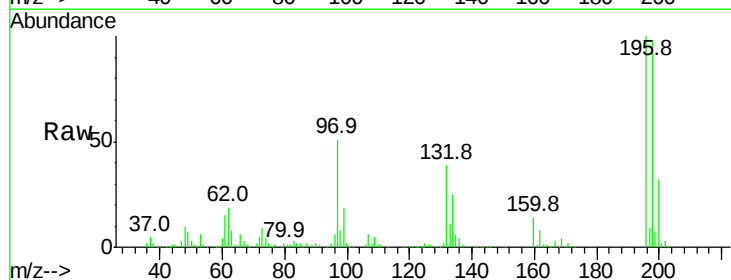


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

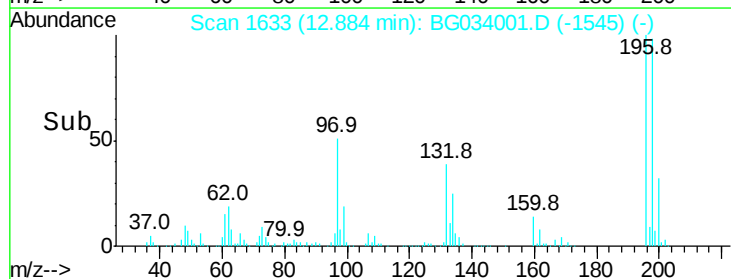
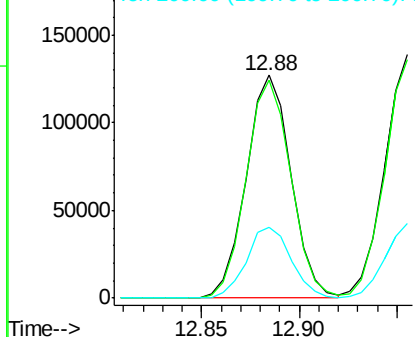


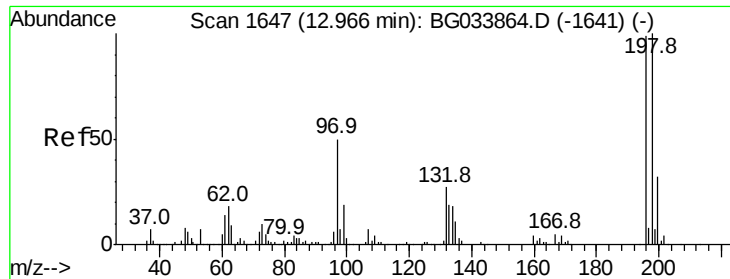
#42
 2,4,6-Trichlorophenol
 Concen: 48.099 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion:196 Resp: 202031
 Ion Ratio Lower Upper
 196 100
 198 105.2 78.2 117.2
 200 32.0 24.6 36.8



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

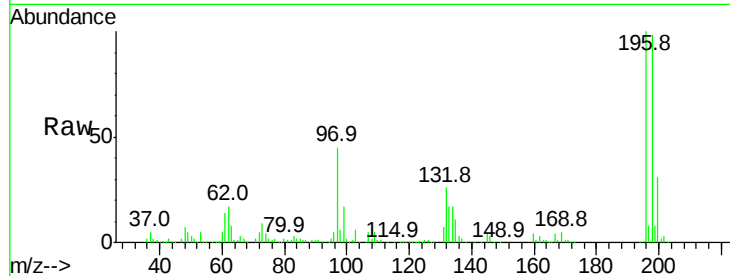




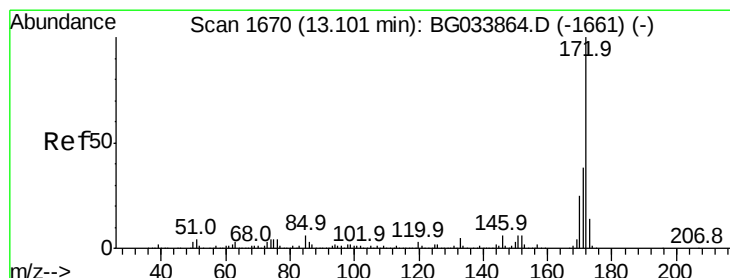
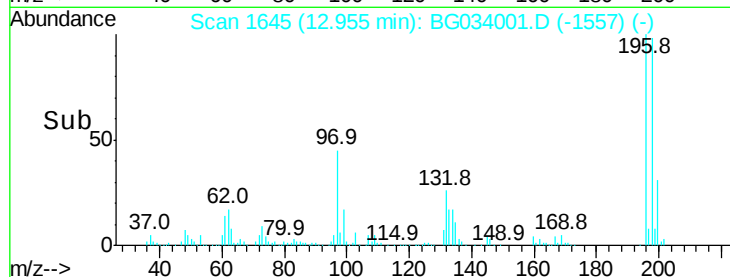
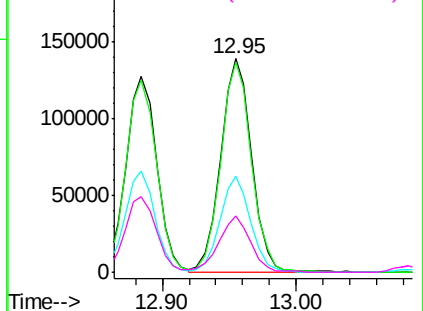
#43
 2,4,5-Trichlorophenol
 Concen: 46.688 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 225450
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.2 114.4
 97 45.0 38.7 58.1
 132 26.3 20.2 30.2

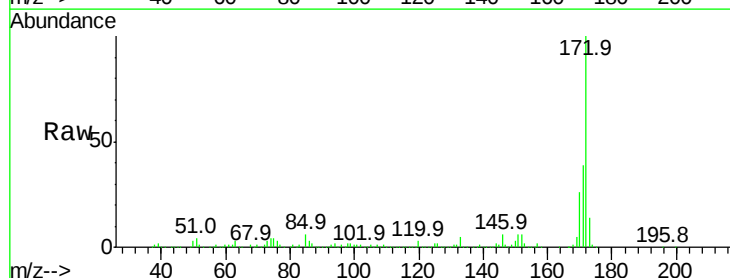


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

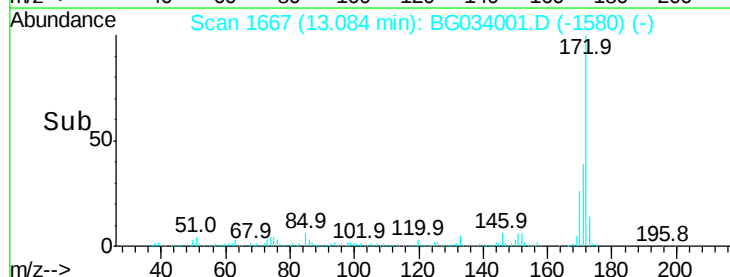
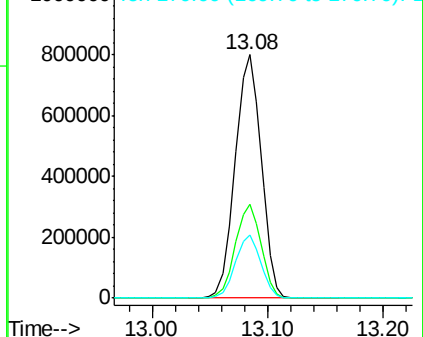


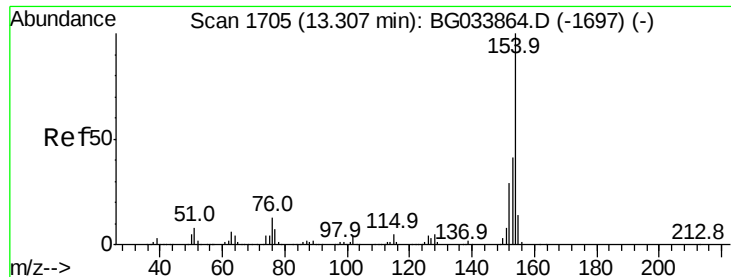
#44
 2-Fluorobiphenyl
 Concen: 88.308 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion:172 Resp: 1247150
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 25.9 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: 40.025 ng

RT: 13.30 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

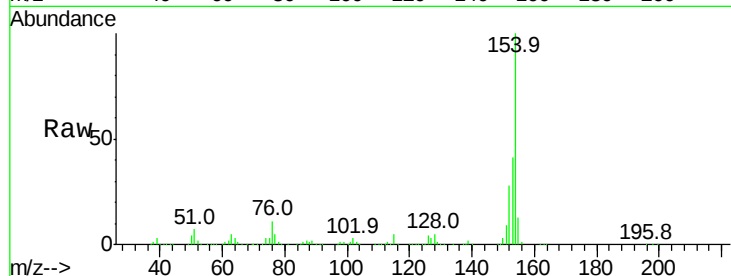
Tot Ion:154 Resp: 672186

Ion Ratio Lower Upper

154 100

153 41.0 19.8 59.8

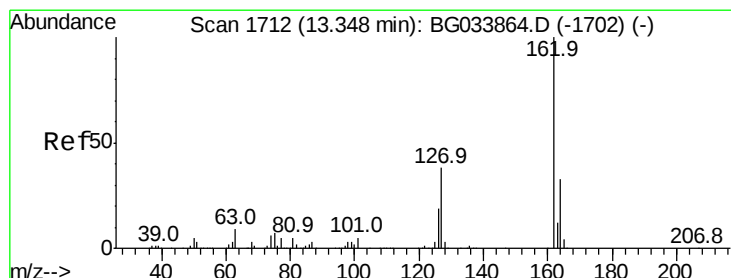
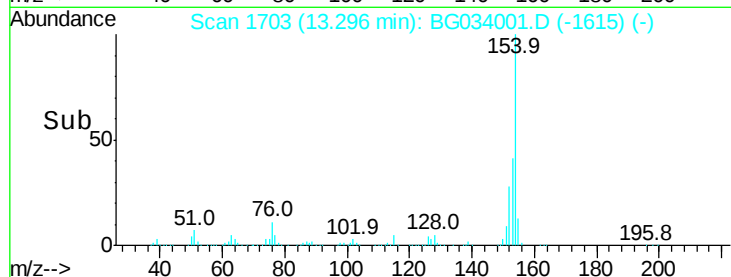
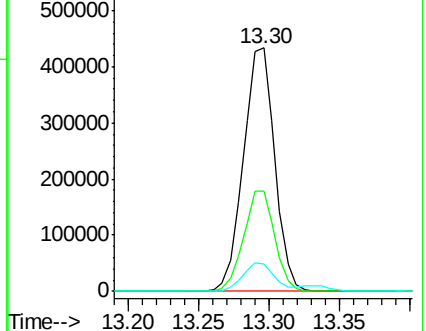
76 11.4 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 40.095 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

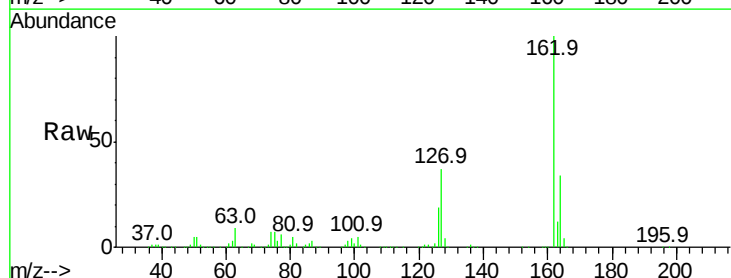
Tgt Ion:162 Resp: 510575

Ion Ratio Lower Upper

162 100

127 37.0 30.7 46.1

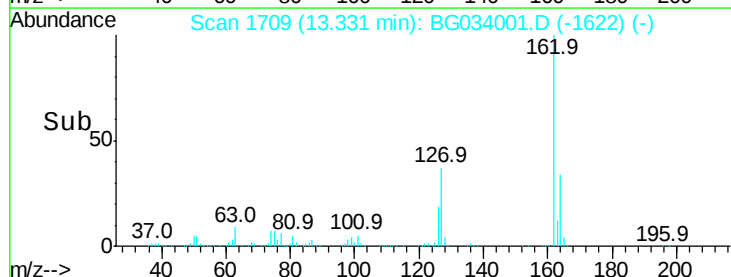
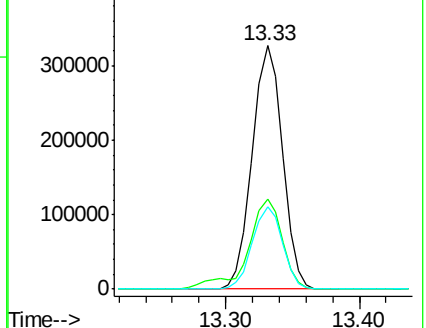
164 34.0 26.0 39.0

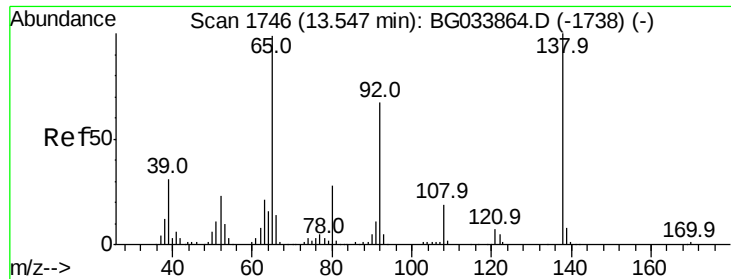


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.403 ng

RT: 13.54 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

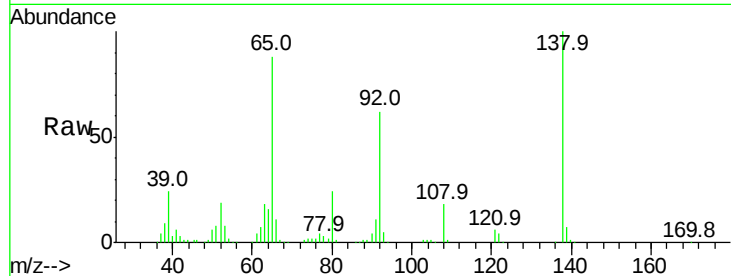
Tot Ion: 65 Resp: 168597

Ion Ratio Lower Upper

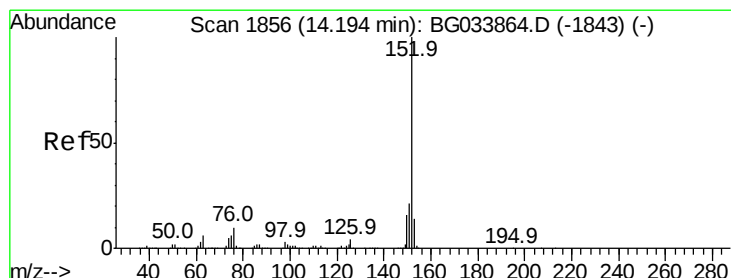
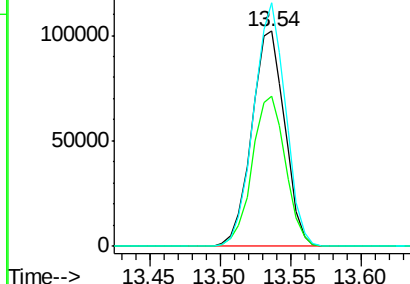
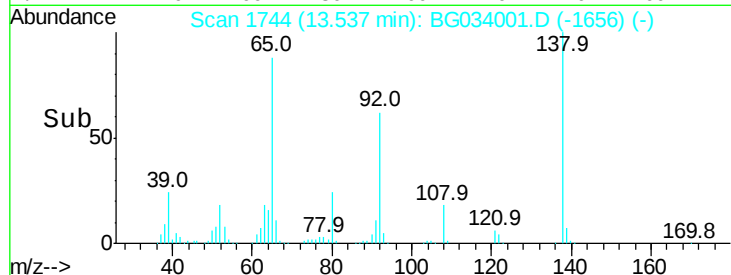
65 100

92 70.1 54.6 82.0

138 113.3 72.9 109.3#



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



#48

Acenaphthylene

Concen: 38.797 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

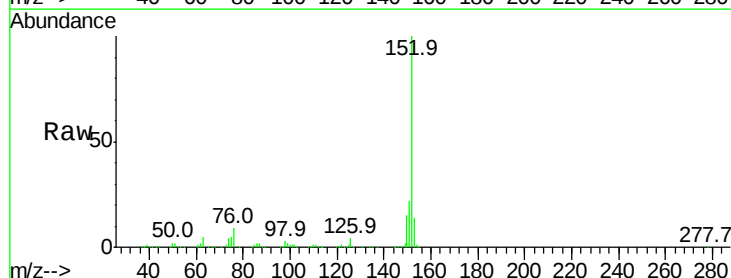
Tgt Ion: 152 Resp: 821232

Ion Ratio Lower Upper

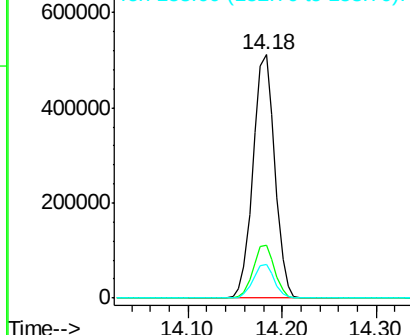
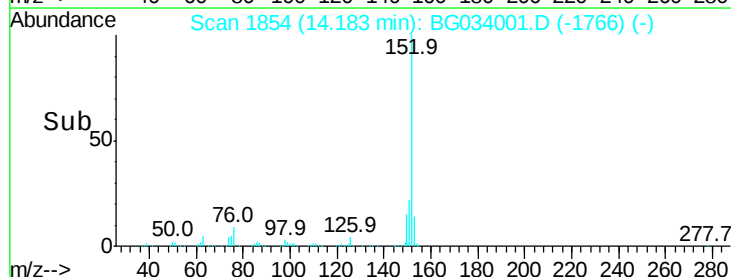
152 100

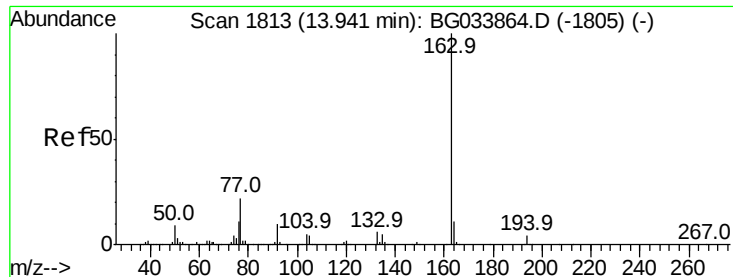
151 21.8 17.2 25.8

153 13.7 10.2 15.4



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

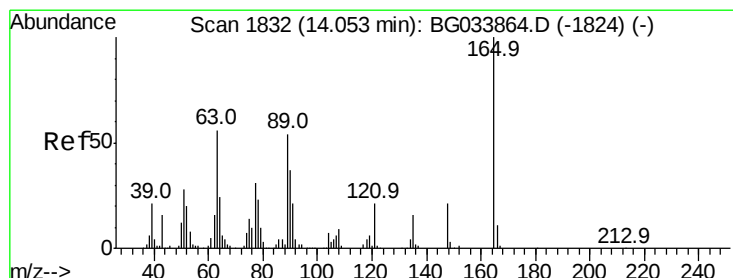
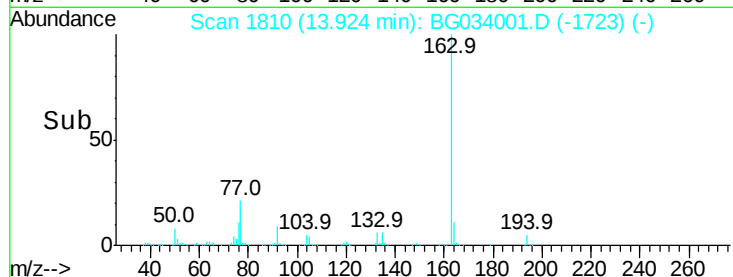
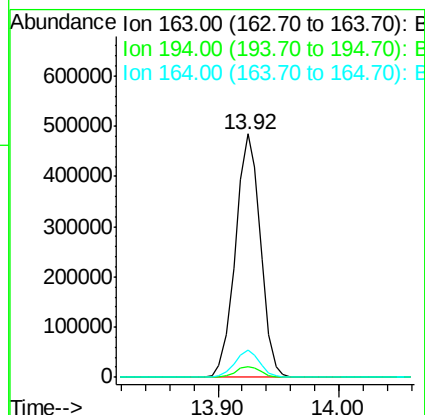
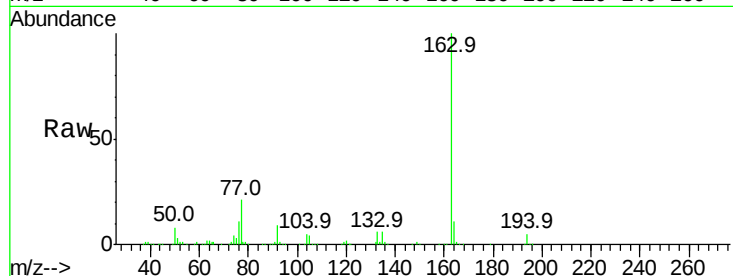




#49
Dimethylphthalate
Concen: 38.193 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

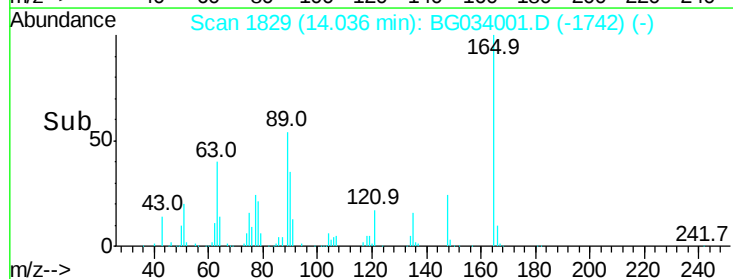
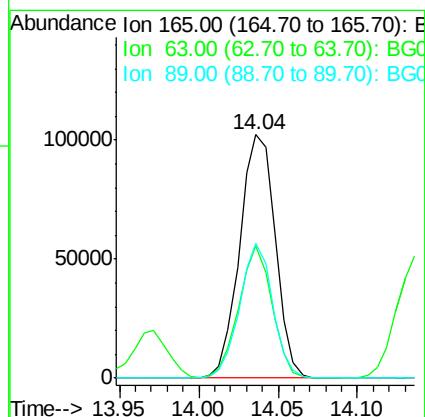
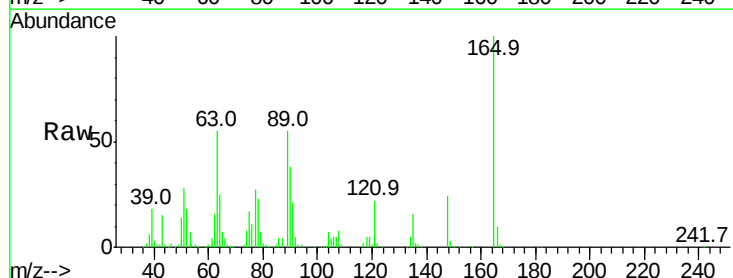
Instrument :
BNA_G
ClientSampleId :

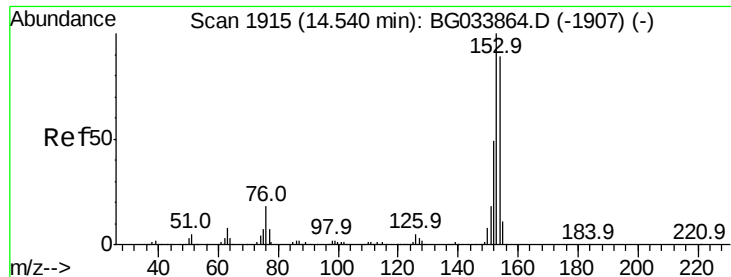
Tot Ion:163 Resp: 697007
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 11.1 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 46.171 ng
RT: 14.04 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion:165 Resp: 159683
Ion Ratio Lower Upper
165 100
63 54.5 52.7 79.1
89 55.3 49.2 73.8





#51

Acenaphthene

Concen: 37.977 ng

RT: 14.52 min Scan# 1912

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

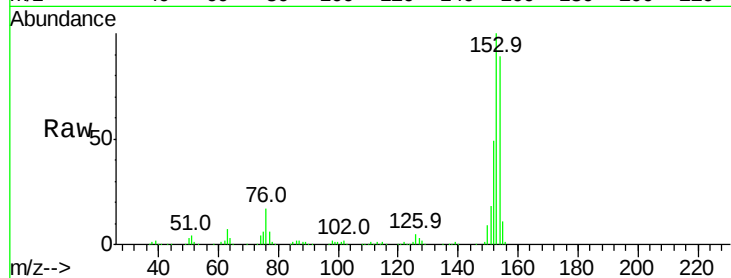
Tot Ion:154 Resp: 504986

Ion Ratio Lower Upper

154 100

153 112.4 90.4 135.6

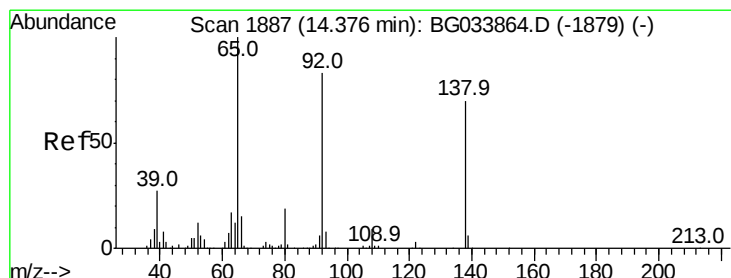
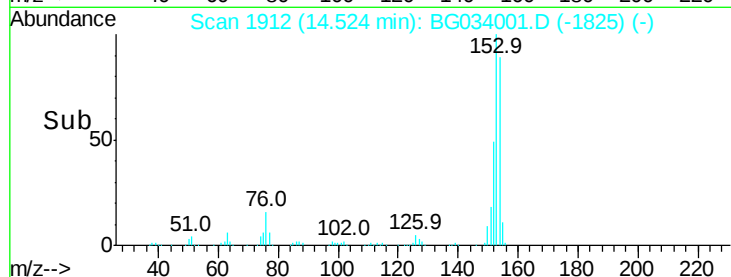
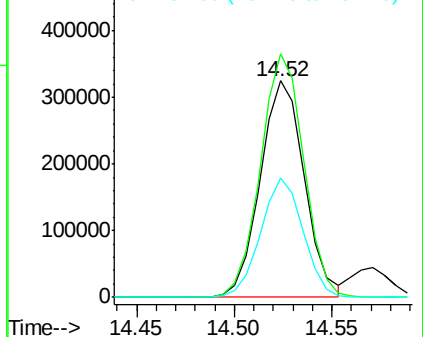
152 55.3 41.6 62.4



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: 21.422 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

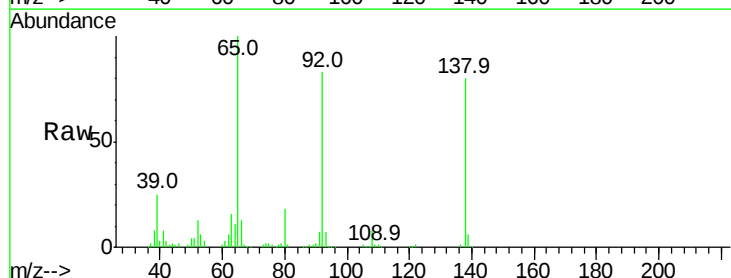
Tgt Ion:138 Resp: 80451

Ion Ratio Lower Upper

138 100

108 9.5 17.5 26.3#

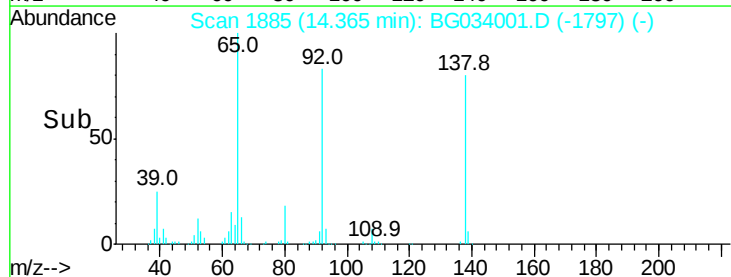
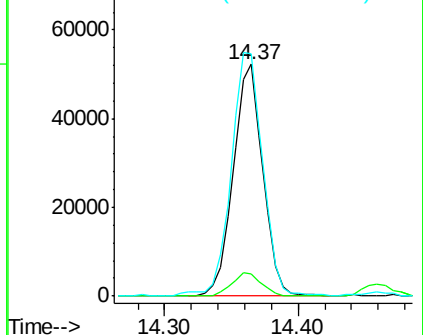
92 104.5 105.8 158.8#

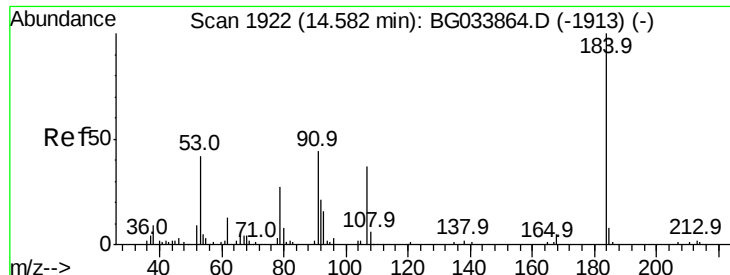


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

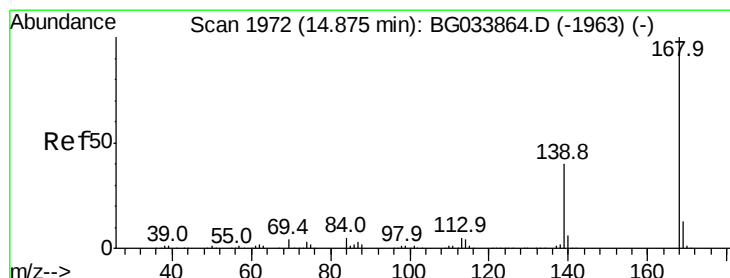
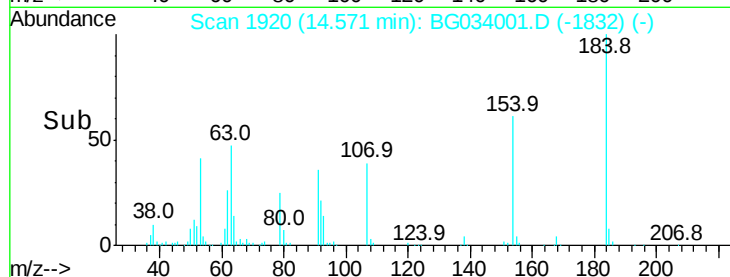
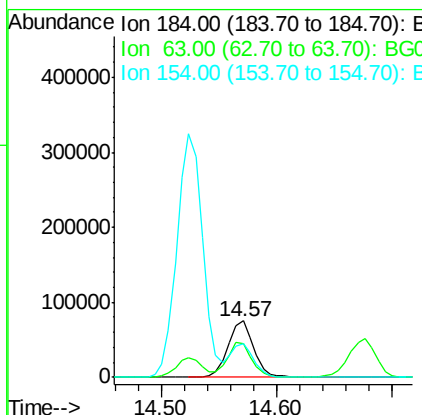
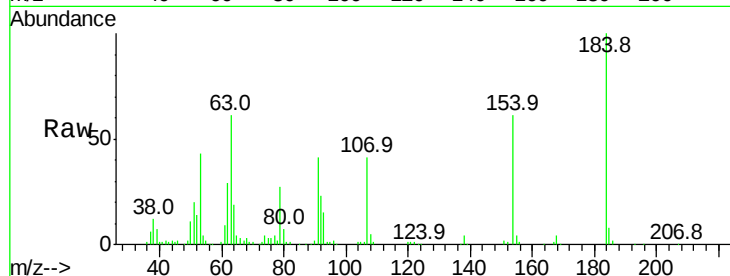




#53
 2,4-Dinitrophenol
 Concen: 93.904 ng
 RT: 14.57 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

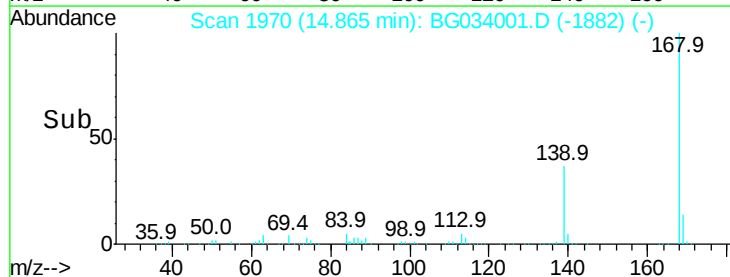
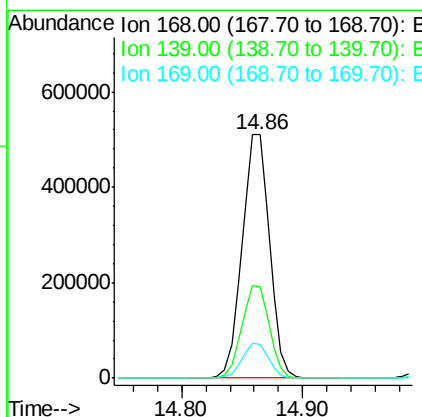
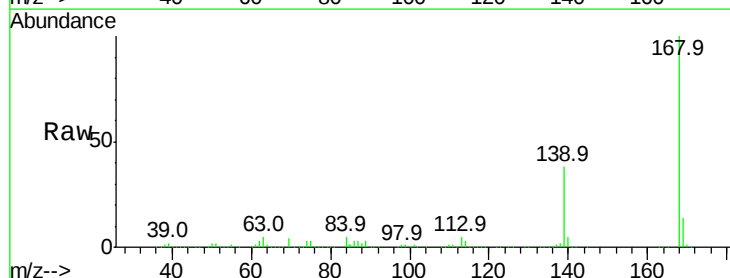
Instrument :
 BNA_G
 ClientSampleId :

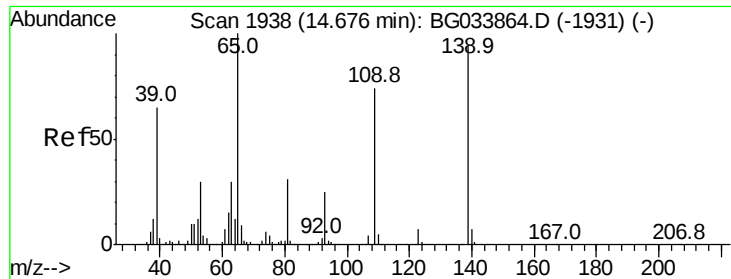
Tot Ion:184 Resp: 116145
 Ion Ratio Lower Upper
 184 100
 63 60.8 59.8 89.8
 154 60.7 101.8 152.8#



#54
 Dibenzofuran
 Concen: 40.951 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion:168 Resp: 807310
 Ion Ratio Lower Upper
 168 100
 139 37.7 28.6 43.0
 169 14.0 11.2 16.8

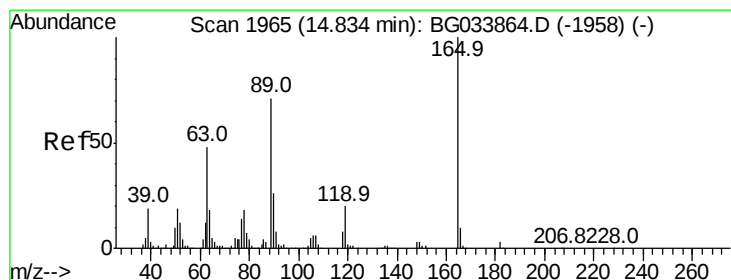
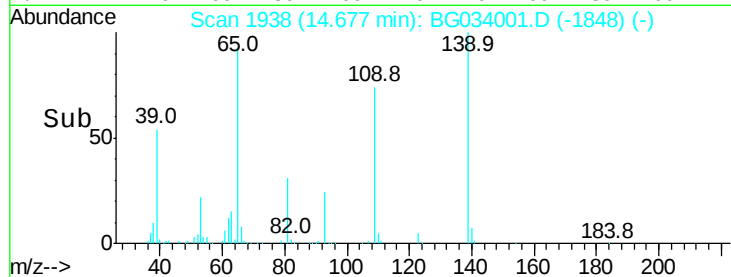
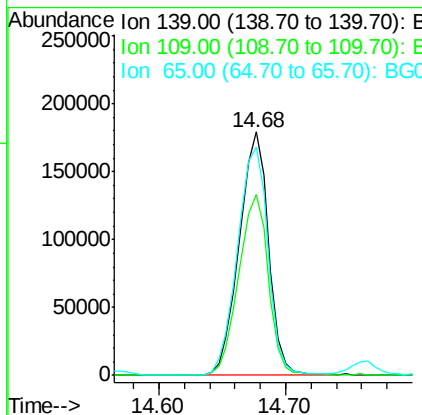
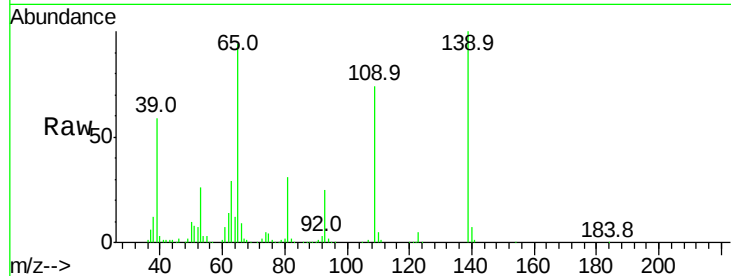




#55
4-Nitrophenol
Concen: 97.582 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

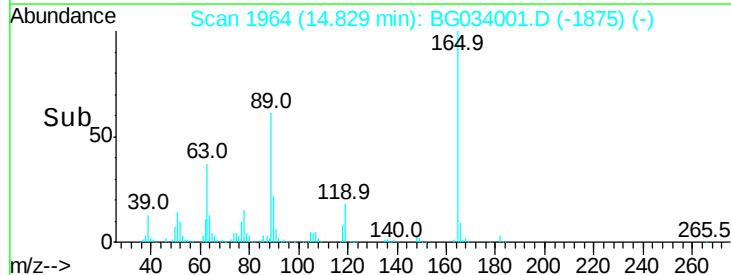
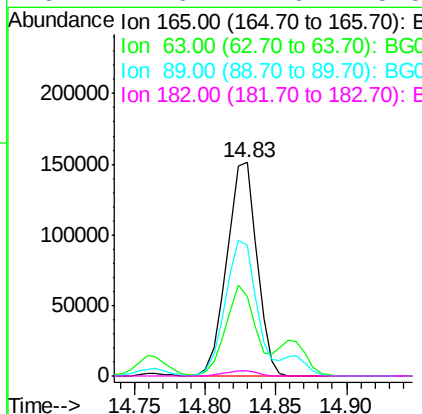
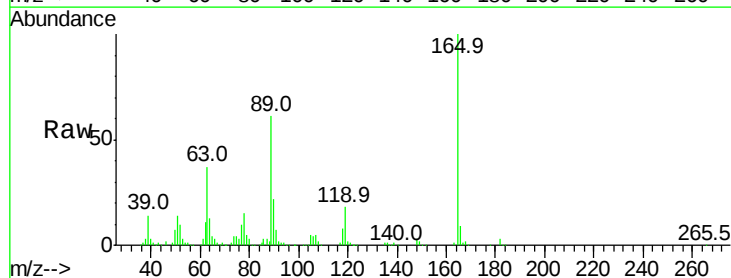
Instrument :
BNA_G
ClientSampleId :

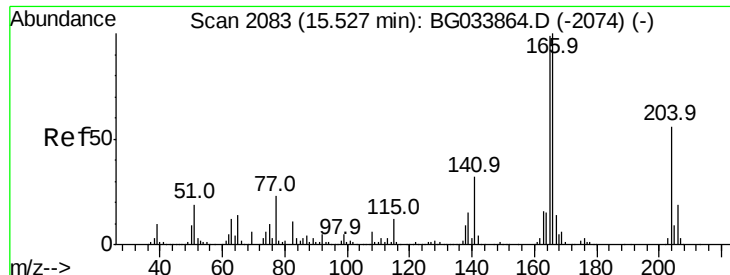
Tot Ion:139 Resp: 287410
Ion Ratio Lower Upper
139 100
109 74.1 62.2 102.2
65 93.8 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 48.809 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion:165 Resp: 224474
Ion Ratio Lower Upper
165 100
63 37.1 42.0 63.0#
89 61.0 66.9 100.3#
182 2.6 2.6 3.8

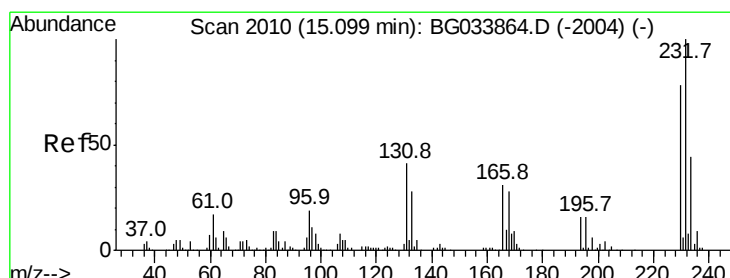
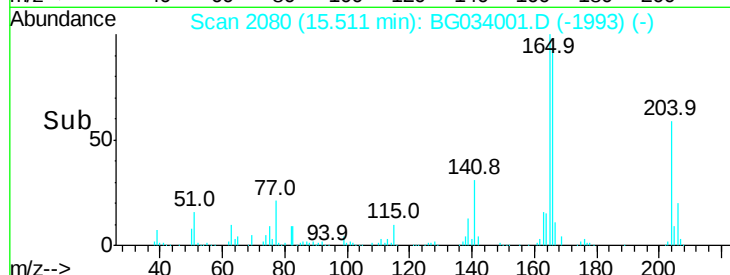
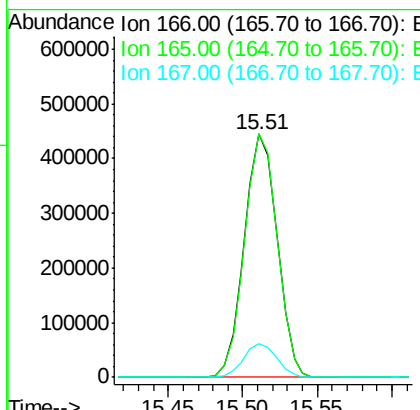
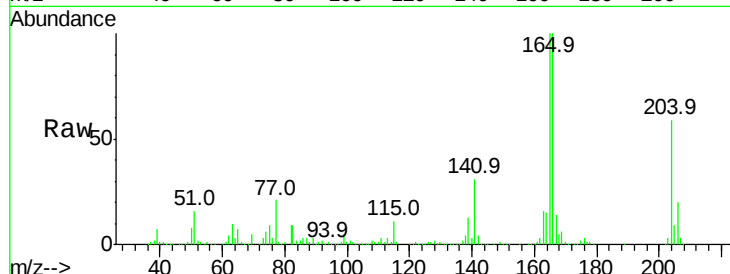




#57
Fluorene
 Concen: 39.753 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

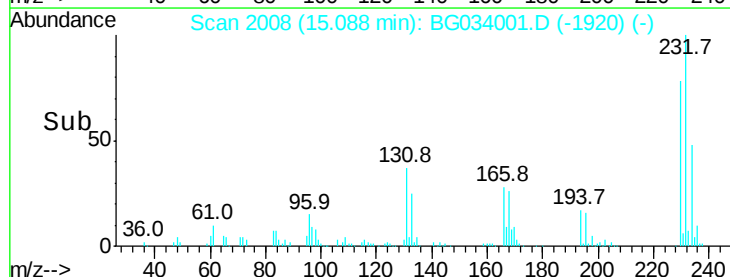
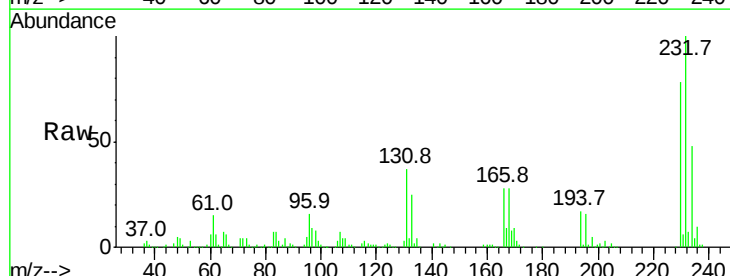
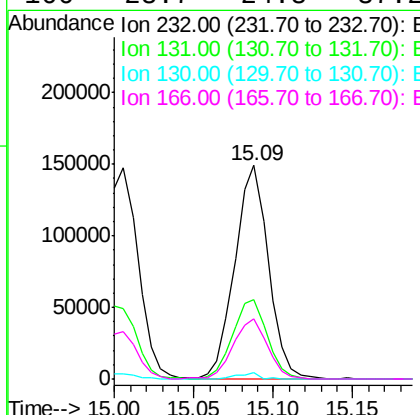
Instrument :
 BNA_G
 ClientSampleId :

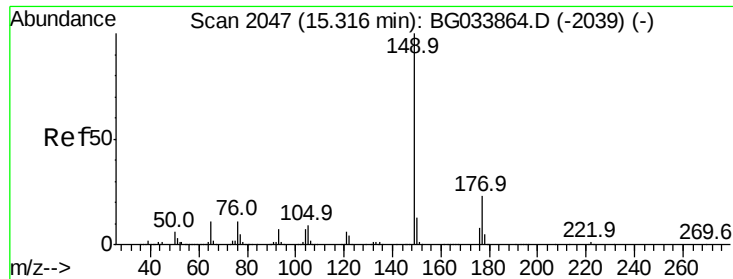
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.6	121.0
167	13.9	10.4	15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.784 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.8	33.5	50.3
130	2.0	2.2	3.2
166	28.7	24.8	37.2

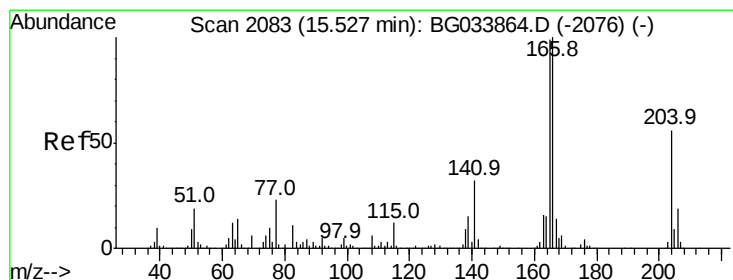
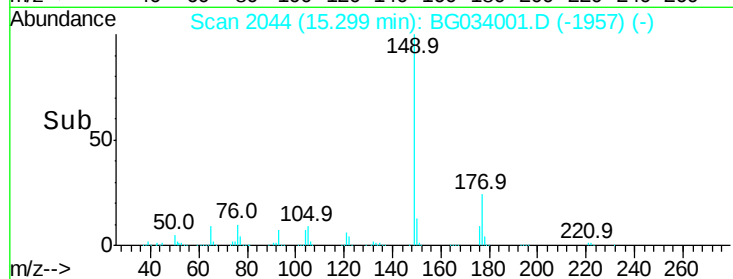
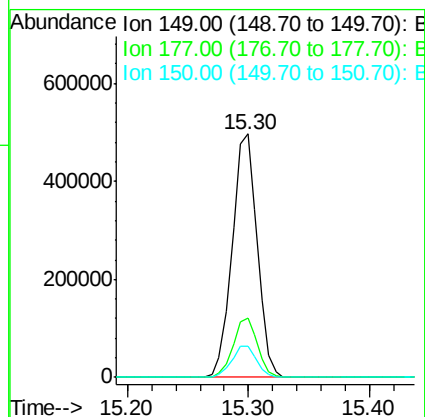
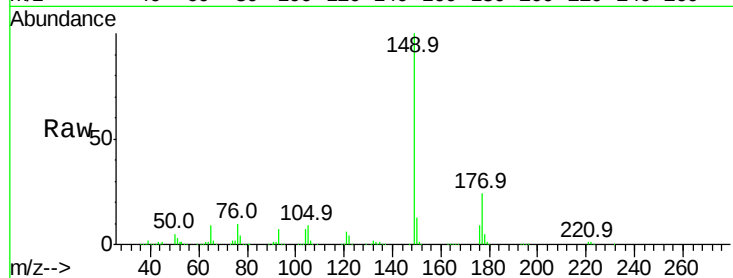




#59
Diethylphthalate
Concen: 36.972 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

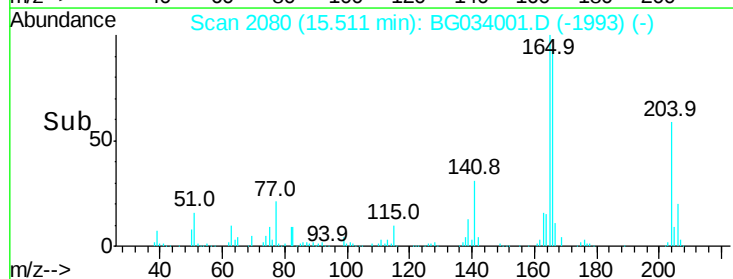
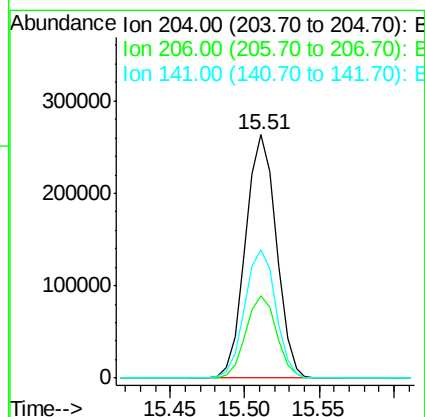
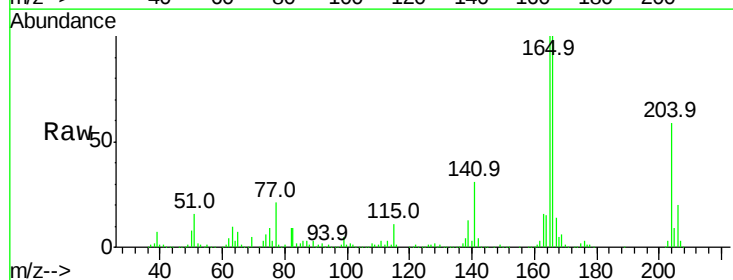
Instrument :
BNA_G
ClientSampleId :

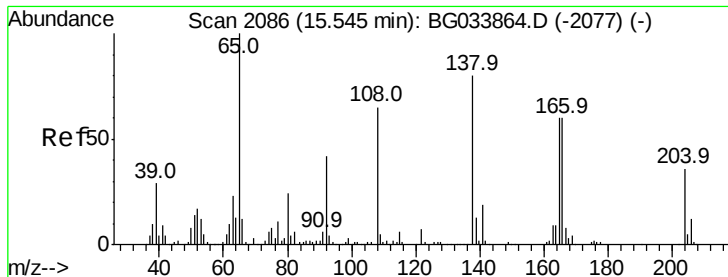
Tot Ion:149 Resp: 713205
Ion Ratio Lower Upper
149 100
177 24.5 18.5 27.7
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.100 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion:204 Resp: 375651
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.2
141 52.6 45.8 68.6

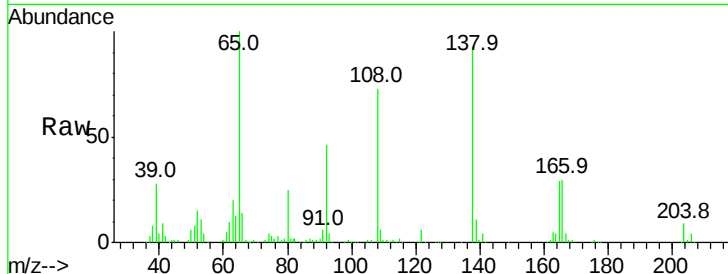




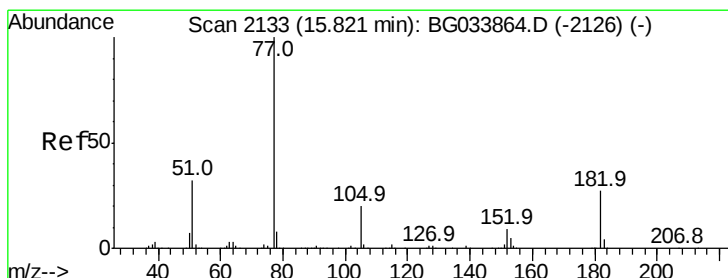
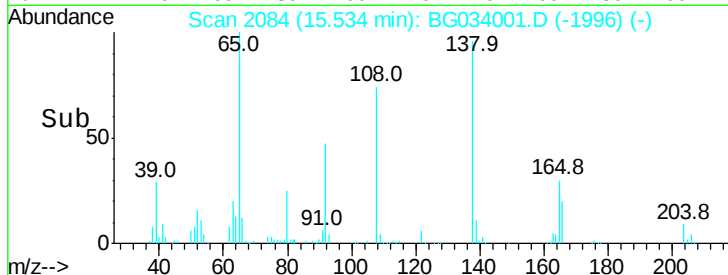
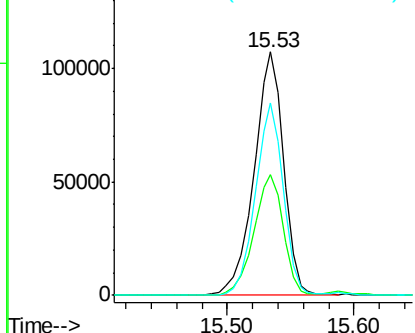
#61
4-Nitroaniline
Concen: 43.599 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 173844
Ion Ratio Lower Upper
138 100
92 49.6 40.1 80.1
108 78.9 65.4 105.4

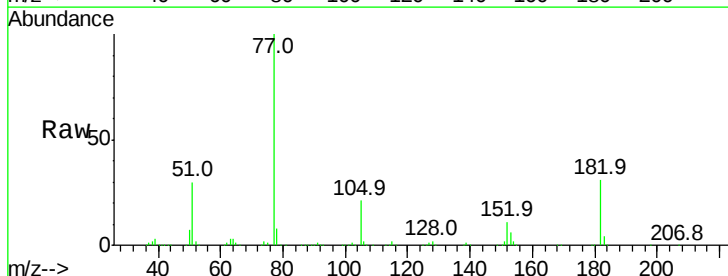


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

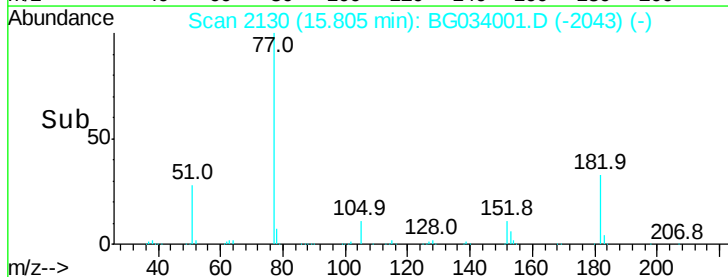
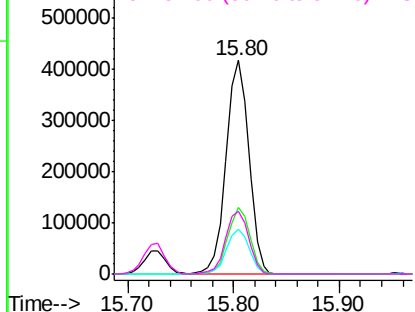


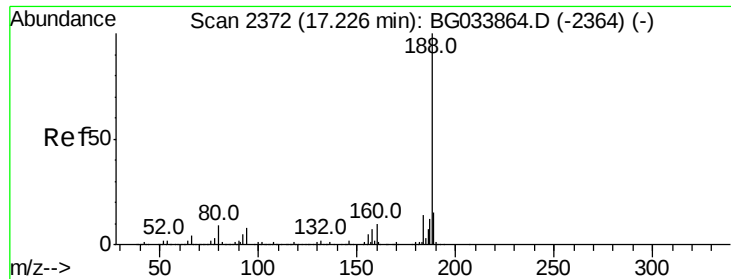
#62
Azobenzene
Concen: 36.311 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion: 77 Resp: 624378
Ion Ratio Lower Upper
77 100
182 31.0 7.4 47.4
105 21.0 0.3 40.3
51 29.6 11.6 51.6



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2369

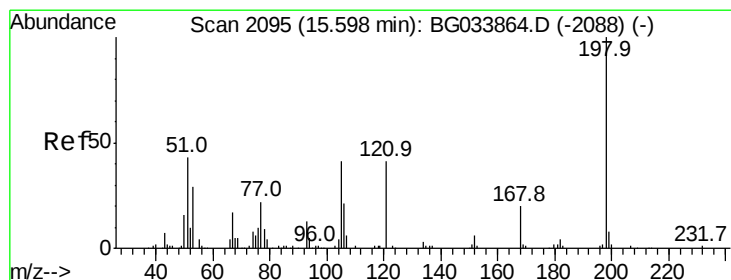
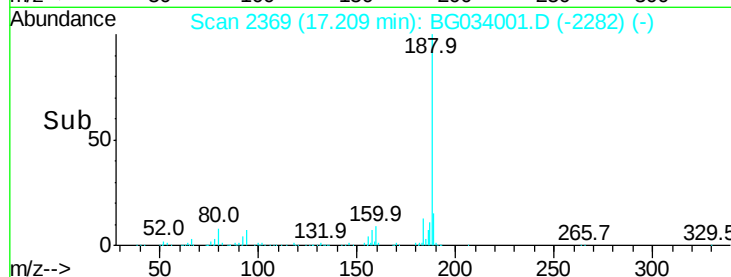
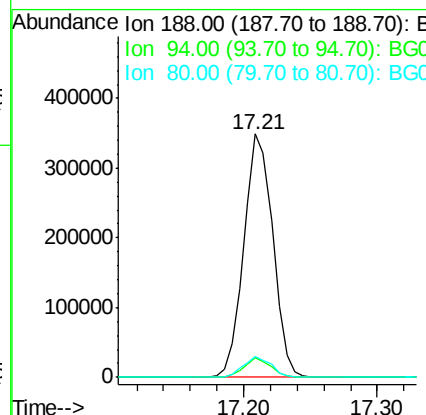
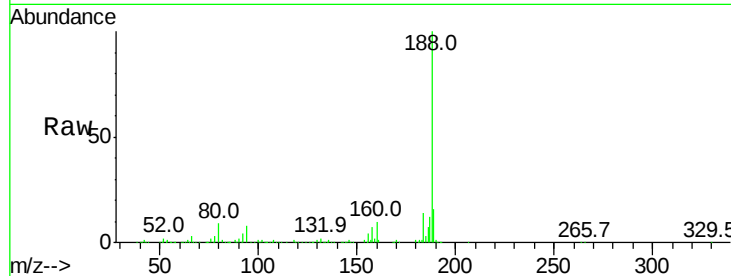
Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.6	7.7	11.5



#64

4,6-Dinitro-2-methylphenol

Concen: 41.978 ng

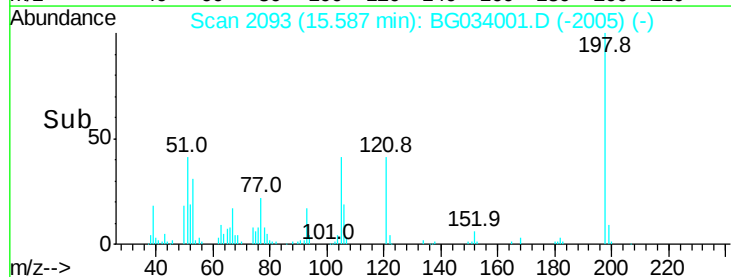
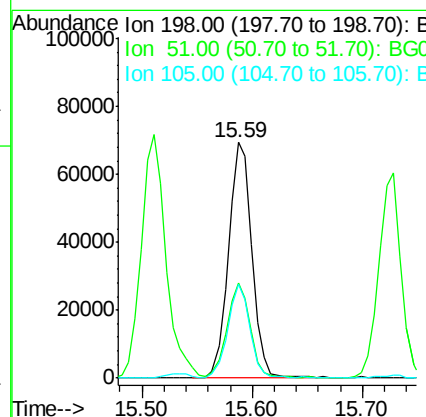
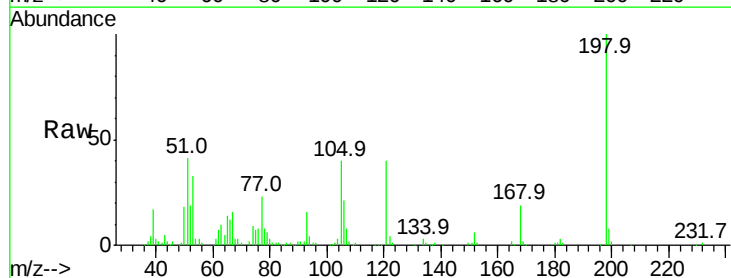
RT: 15.59 min Scan# 2093

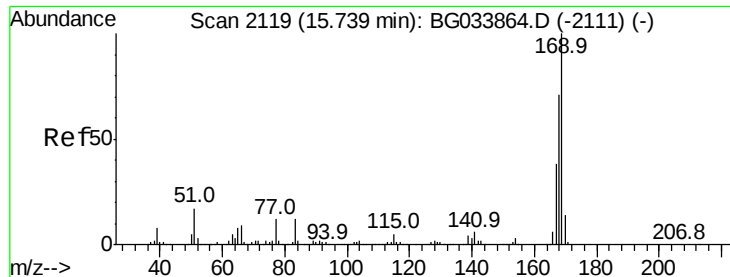
Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
198	100		
51	40.5	30.6	70.6
105	39.6	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 39.525 ng

RT: 15.73 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

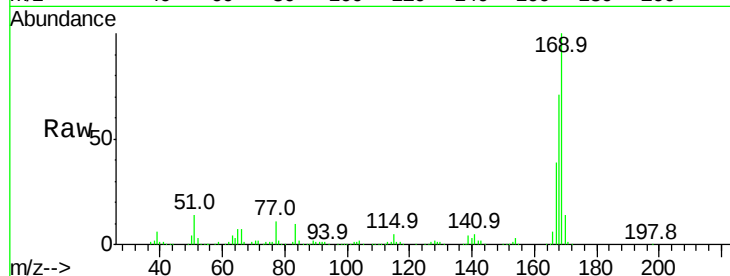
Tot Ion:169 Resp: 599700

Ion Ratio Lower Upper

169 100

168 70.8 55.7 83.5

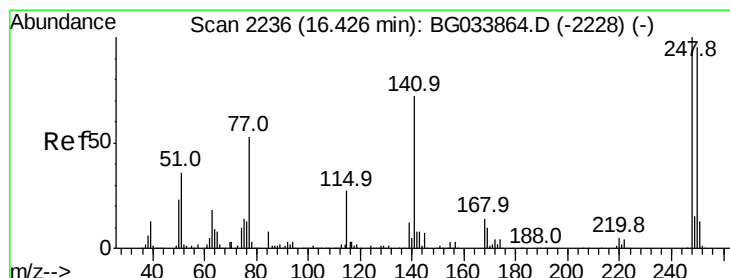
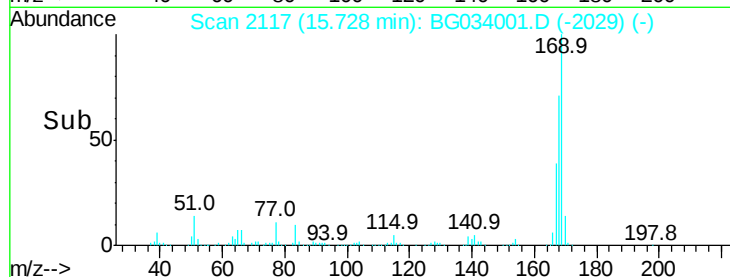
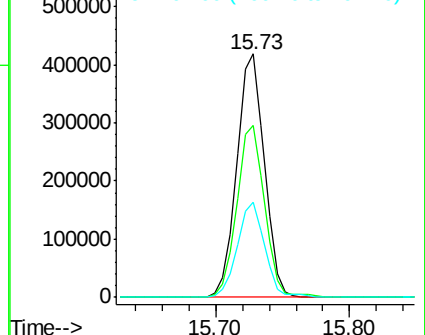
167 39.0 30.1 45.1



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: 42.806 ng

RT: 16.40 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

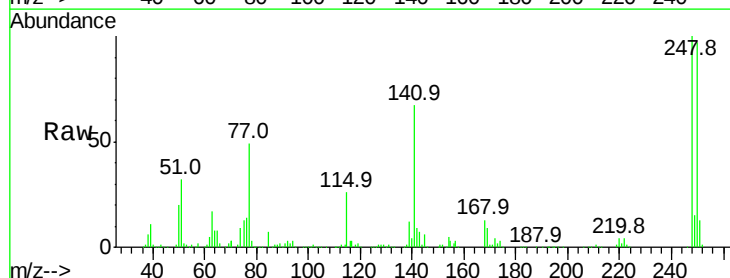
Tgt Ion:248 Resp: 245338

Ion Ratio Lower Upper

248 100

250 96.8 77.1 115.7

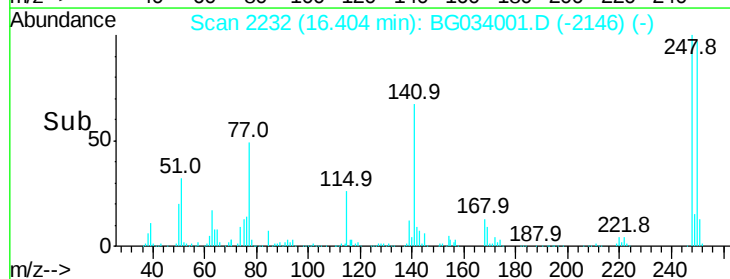
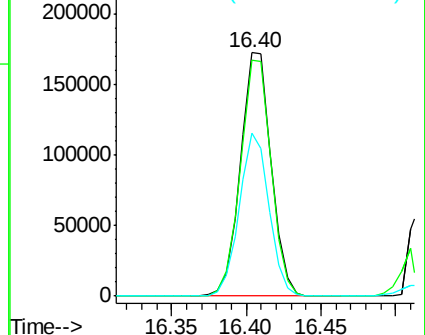
141 66.9 50.8 76.2

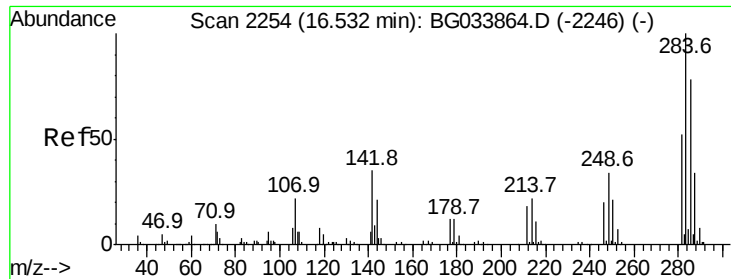


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.991 ng

RT: 16.52 min Scan# 2251

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

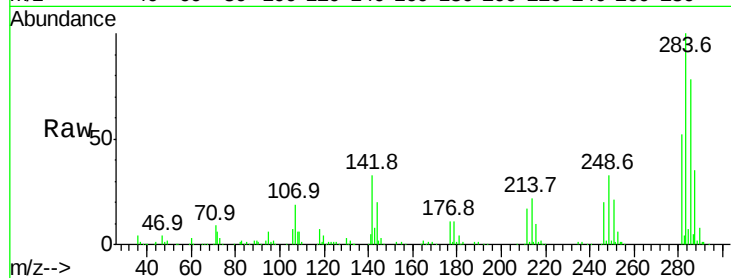
Tot Ion:284 Resp: 250545

Ion Ratio Lower Upper

284 100

142 32.7 26.8 40.2

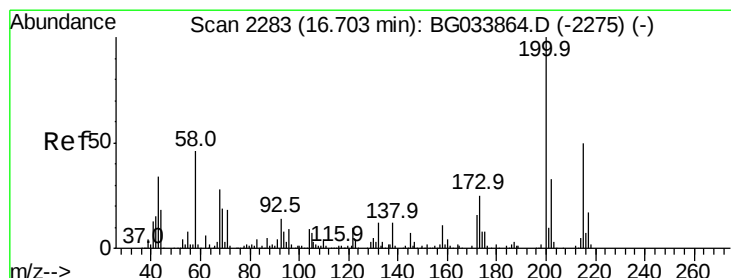
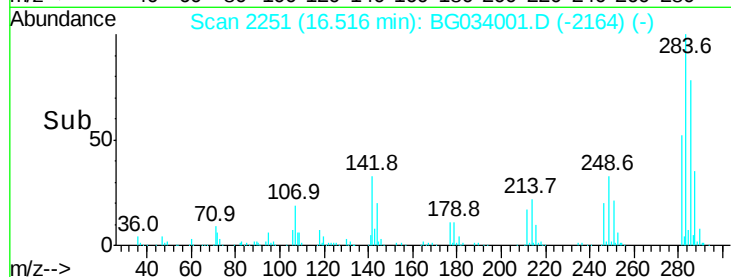
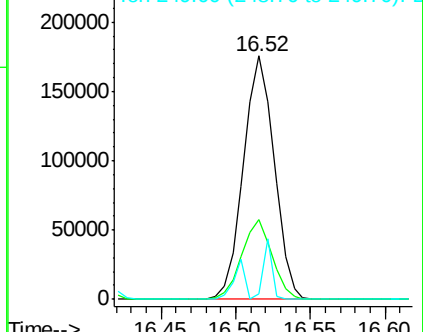
249 2.3 26.3 39.5#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.702 ng

RT: 16.68 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

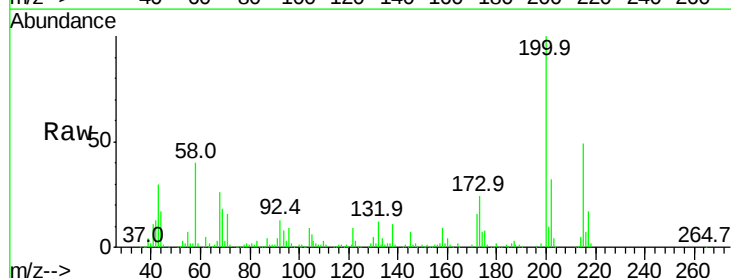
Tgt Ion:200 Resp: 259771

Ion Ratio Lower Upper

200 100

173 23.6 5.2 45.2

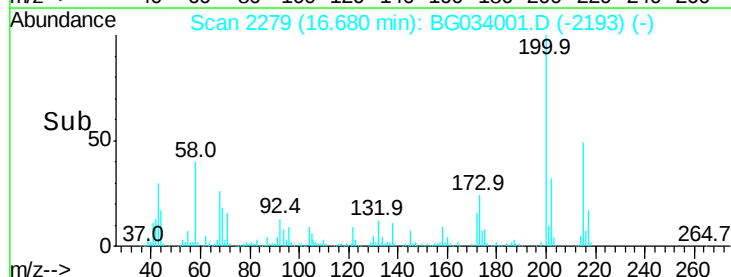
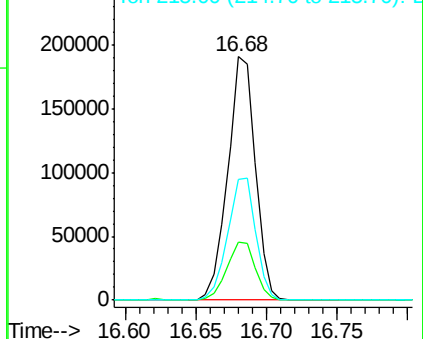
215 49.5 30.4 70.4

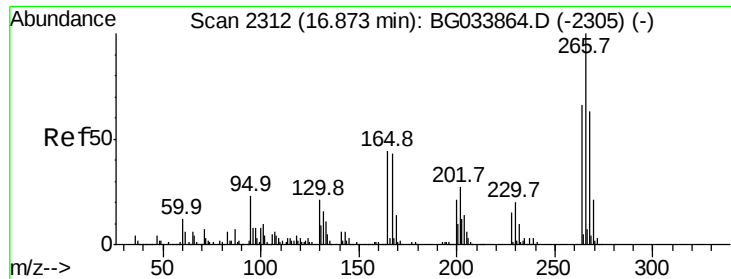


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

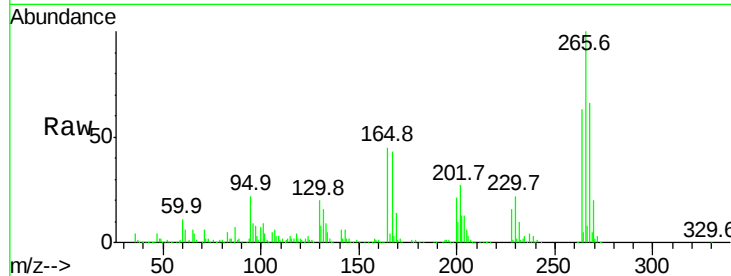




#69
 Pentachlorophenol
 Concen: 79.681 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	4.9	51.1	76.7#
264	68.1	49.6	74.4

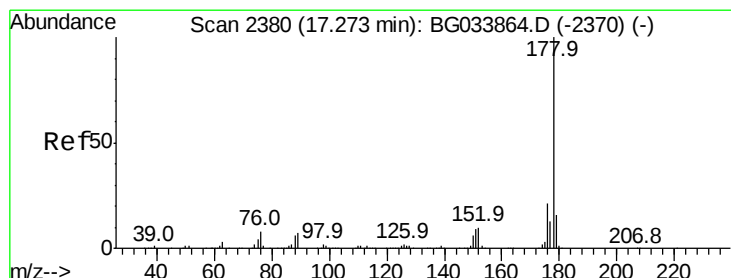
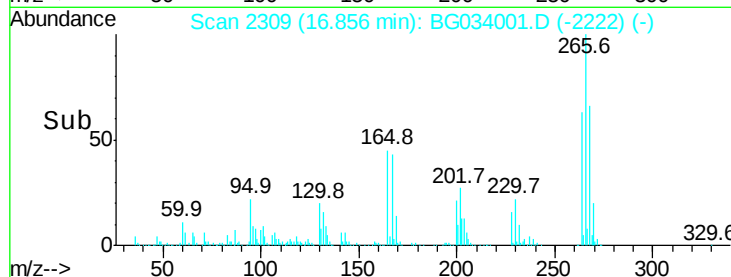
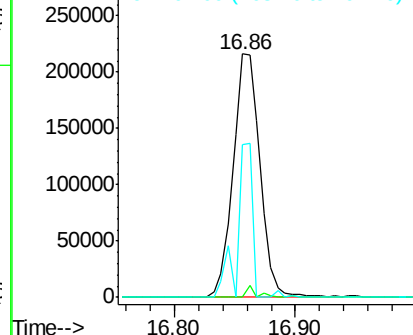


Abundance

Ion 265.70 (265.40 to 266.40): E

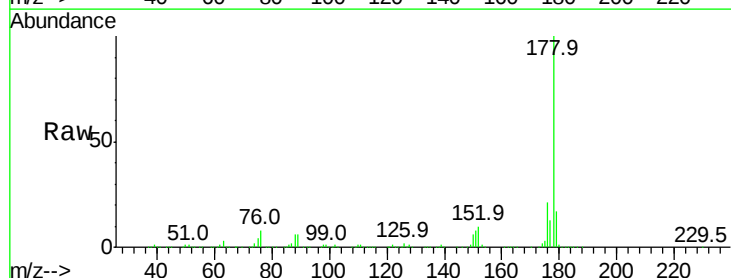
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.461 ng
 RT: 17.26 min Scan# 2377
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.7	23.5
179	16.8	12.5	18.7

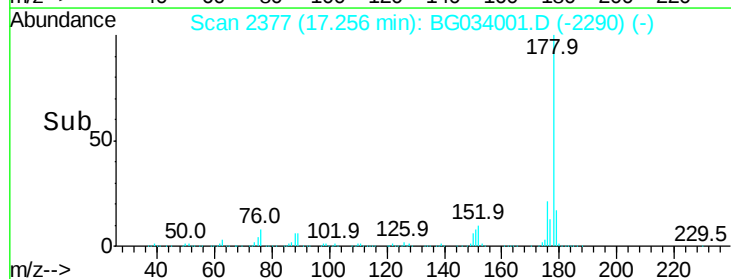
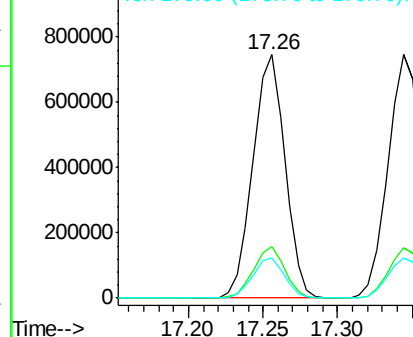


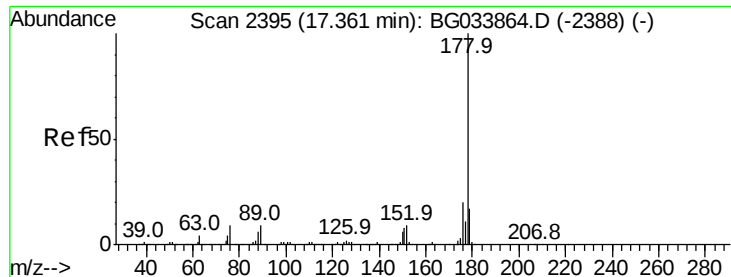
Abundance

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

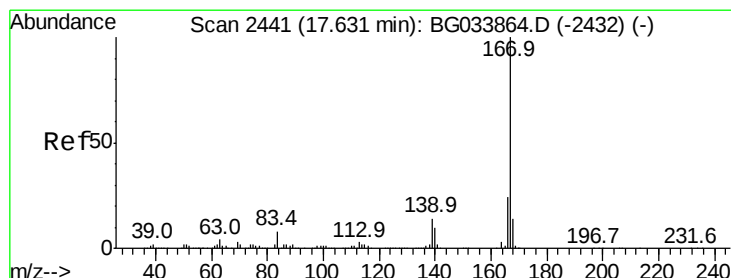
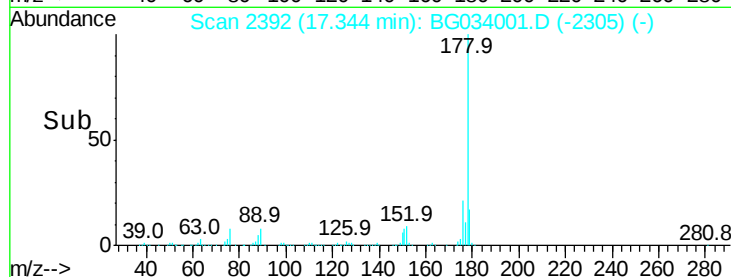
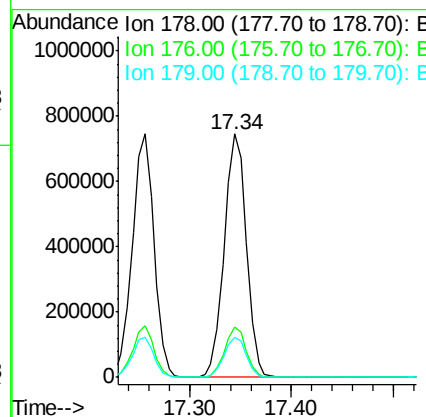
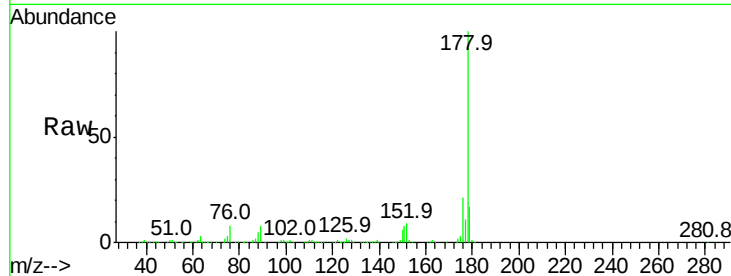




#71
 Anthracene
 Concen: 40.278 ng
 RT: 17.34 min Scan# 2392
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

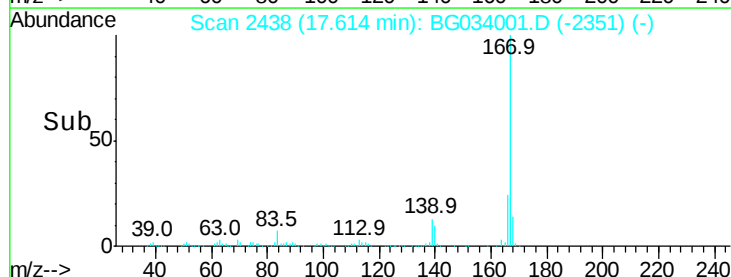
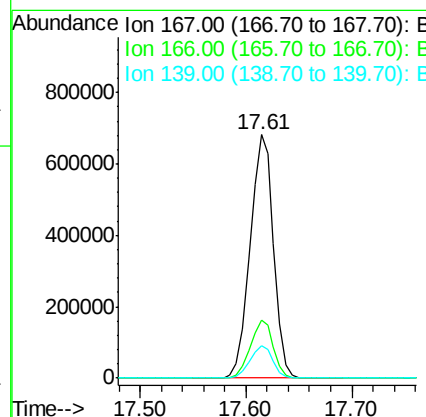
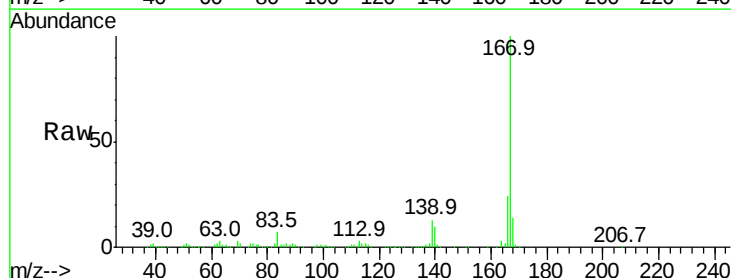
Instrument :
 BNA_G
 ClientSampled :

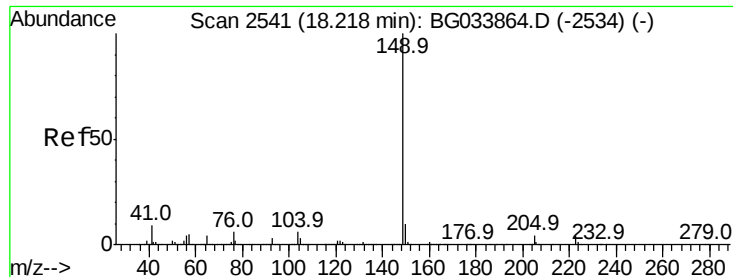
Tot Ion:178 Resp: 1127706
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.0 24.0
 179 16.6 12.5 18.7



#72
 Carbazole
 Concen: 38.590 ng
 RT: 17.61 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion:167 Resp: 1042362
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.2 27.4
 139 13.3 9.4 14.2





#73

Di-n-butylphthalate

Concen: 37.734 ng

RT: 18.20 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

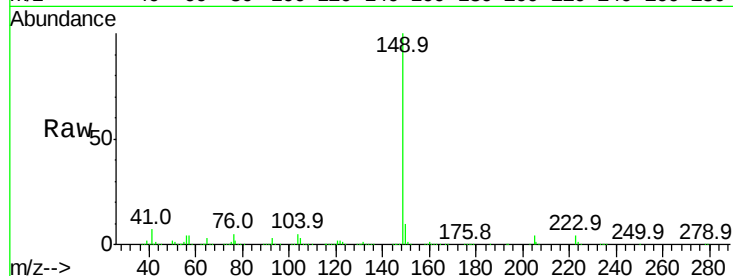
Tot Ion:149 Resp: 1267970

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

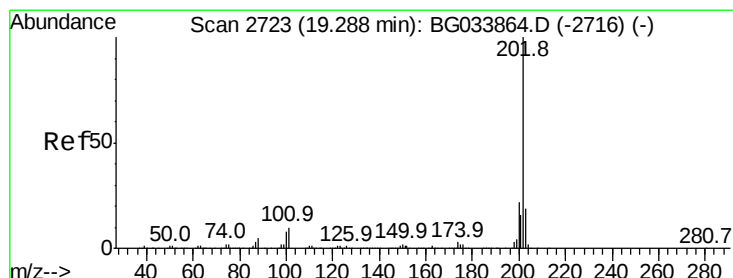
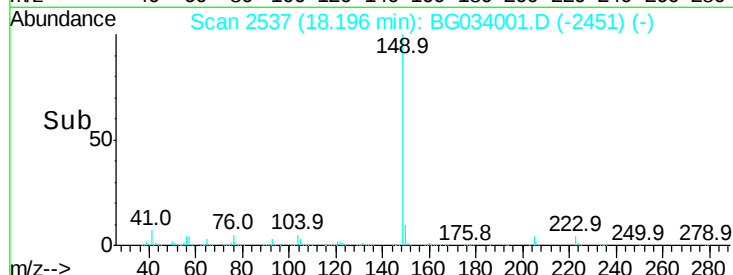
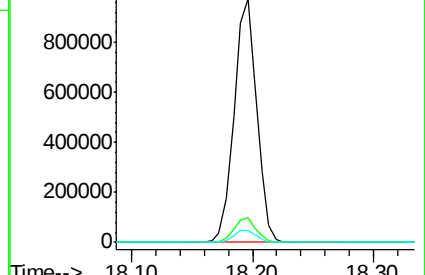
104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.807 ng

RT: 19.27 min Scan# 2720

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

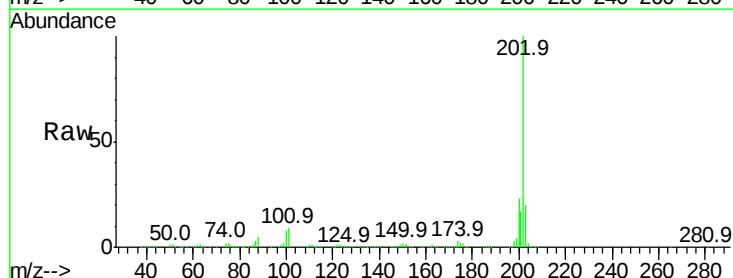
Tgt Ion:202 Resp: 1415871

Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.9

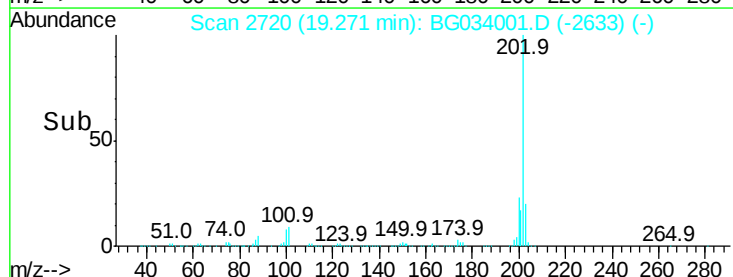
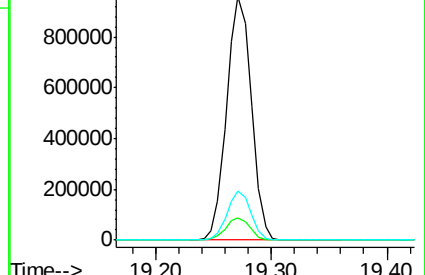
203 20.0 0.0 37.5

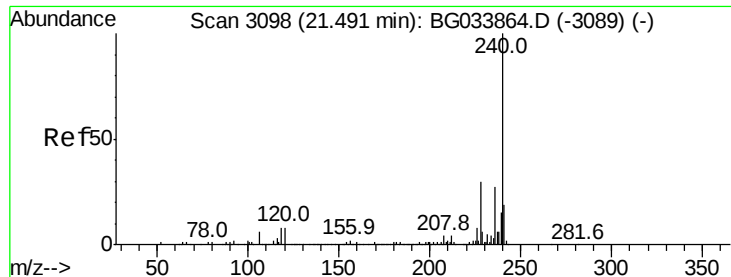


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

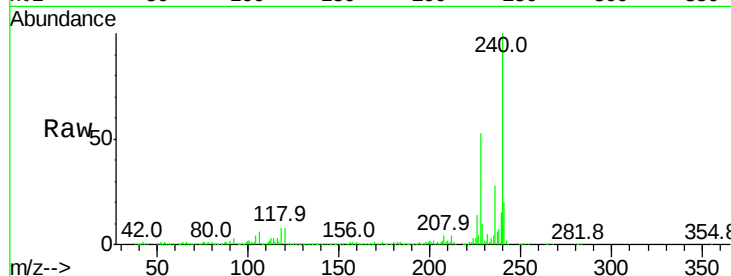
Tot Ion:240 Resp: 541351

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

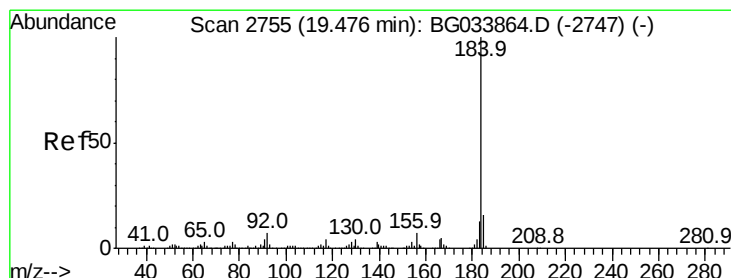
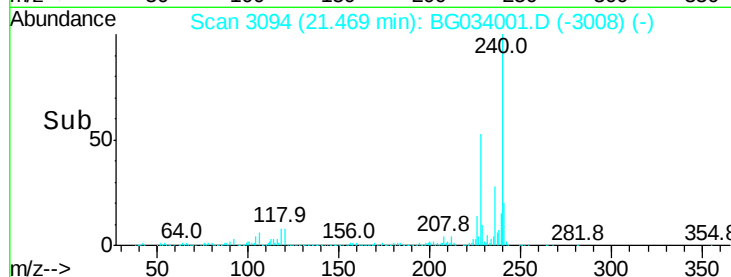
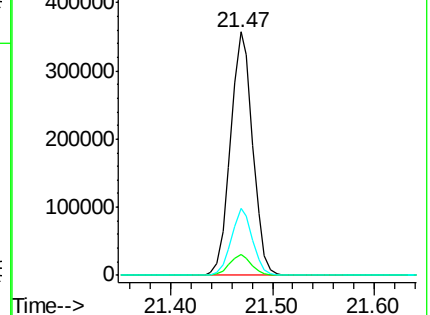
236 27.5 20.9 31.3



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: 30.353 ng

RT: 19.46 min Scan# 2752

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

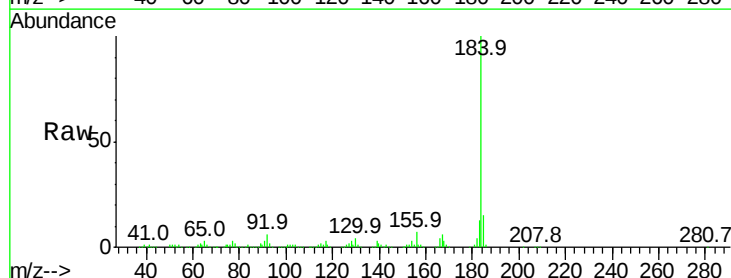
Tgt Ion:184 Resp: 443719

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

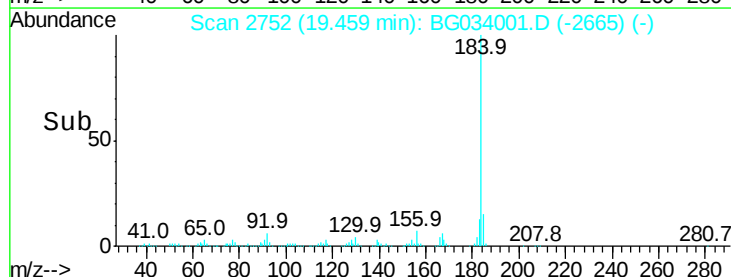
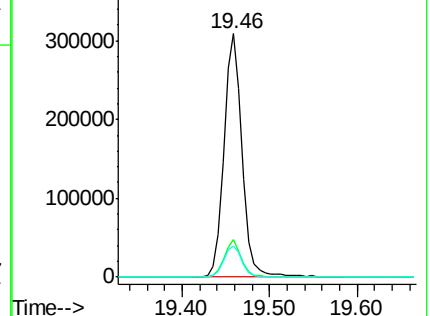
183 12.9 10.6 16.0

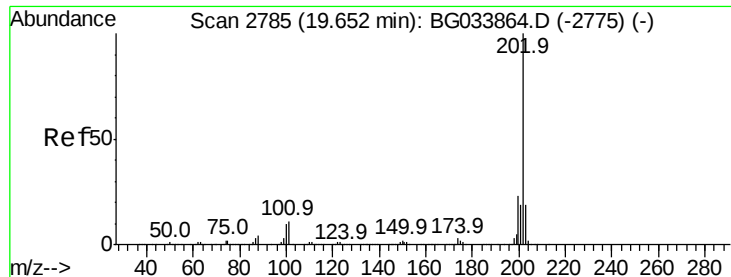


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.486 ng

RT: 19.64 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

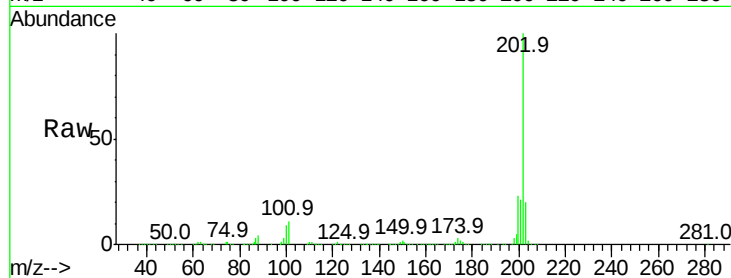
Tot Ion:202 Resp: 1402036

Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.9	25.3
203	20.2	13.9	20.9

202 100

200 23.3 16.9 25.3

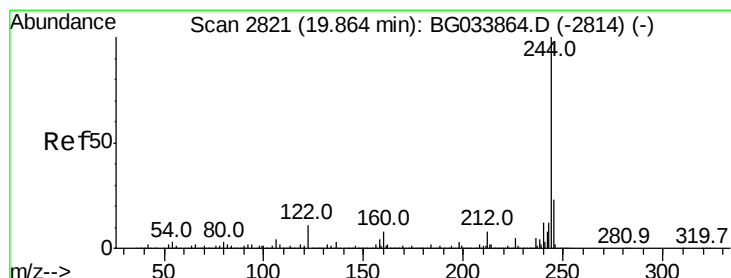
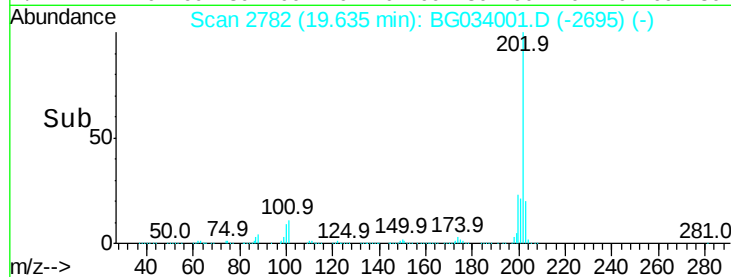
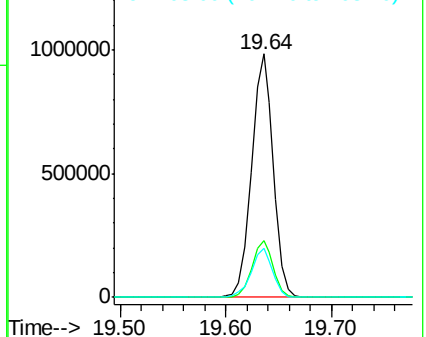
203 20.2 13.9 20.9



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: 86.562 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

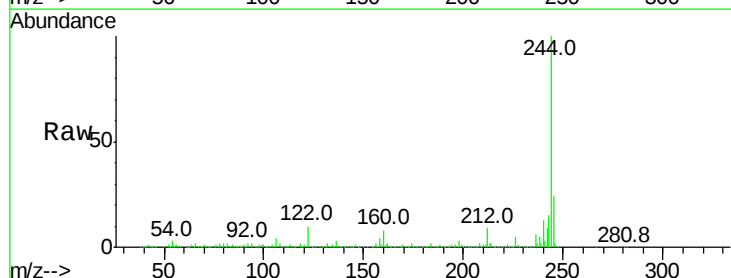
Tgt Ion:244 Resp: 2085813

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	10.3	7.0	10.4

244 100

212 9.2 5.8 8.8#

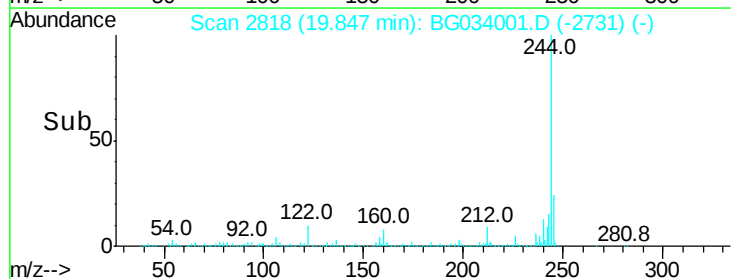
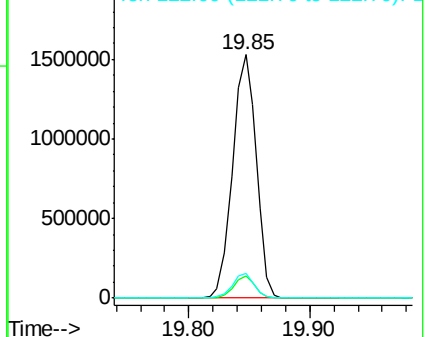
122 10.3 7.0 10.4

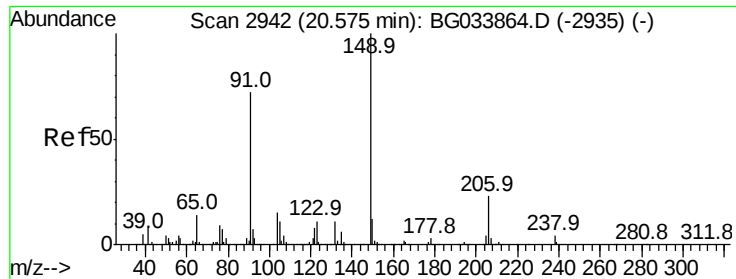


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

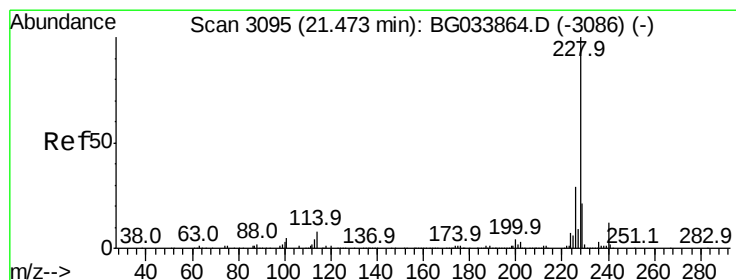
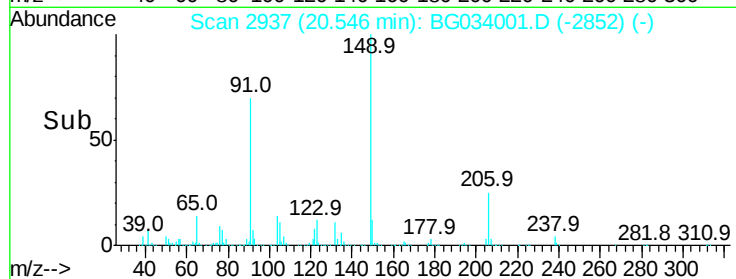
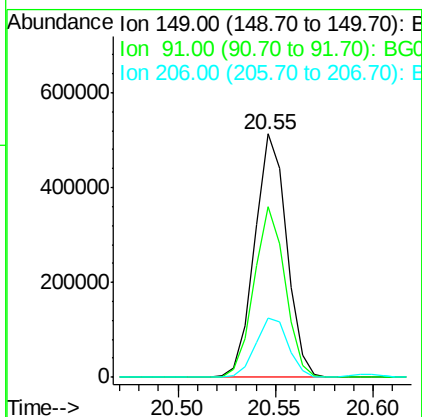
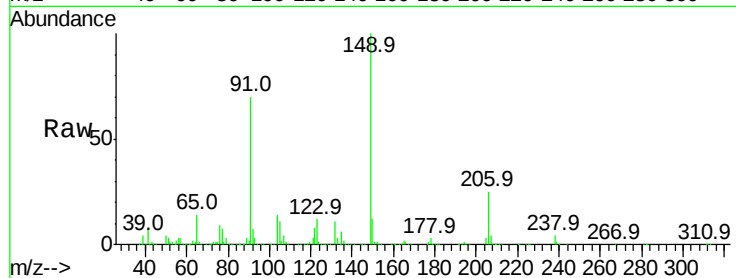




#79
Butylbenzylphthalate
Concen: 37.321 ng
RT: 20.55 min Scan# 2937
Delta R.T. -0.03 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

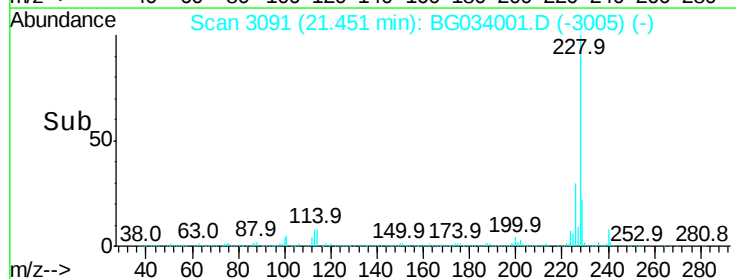
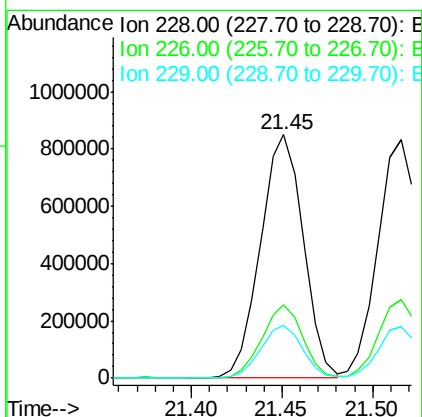
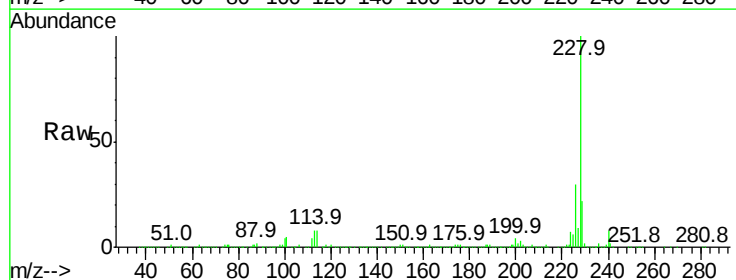
Instrument :
BNA_G
ClientSampleId :

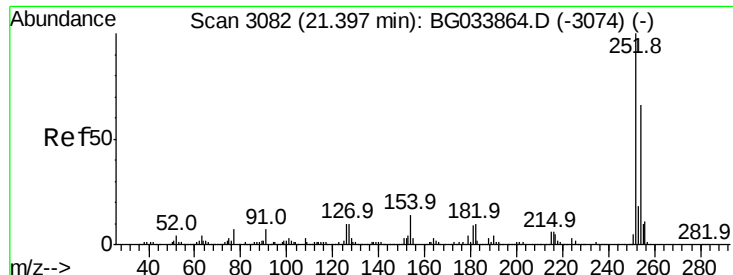
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.1	62.2	93.2
206	24.6	18.6	27.8



#80
Benzo(a)anthracene
Concen: 40.945 ng
RT: 21.45 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.7	34.1
229	21.7	16.2	24.2

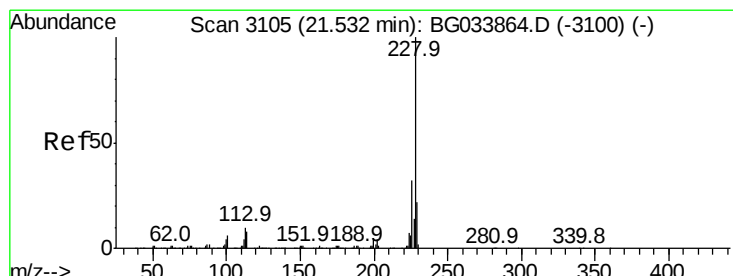
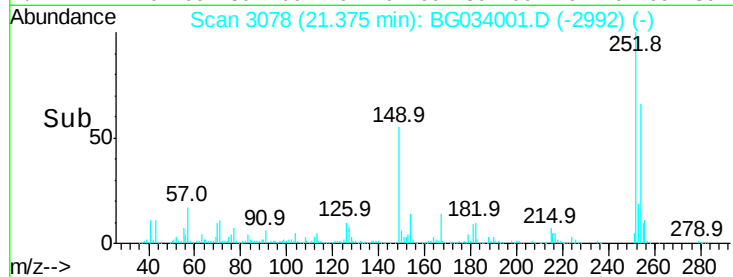
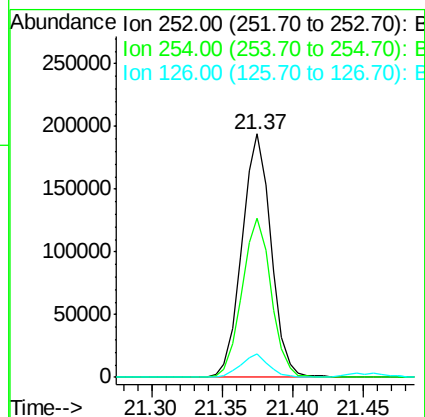
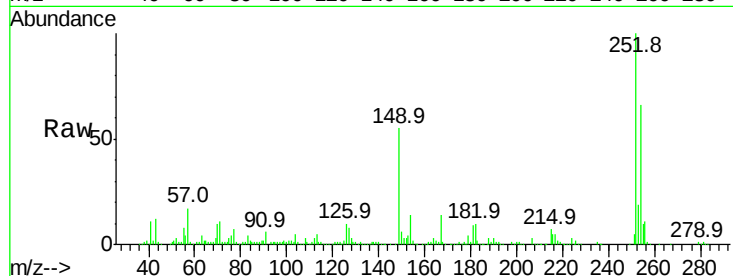




#81
 3,3'-Dichlorobenzidine
 Concen: 22.022 ng
 RT: 21.37 min Scan# 3078
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

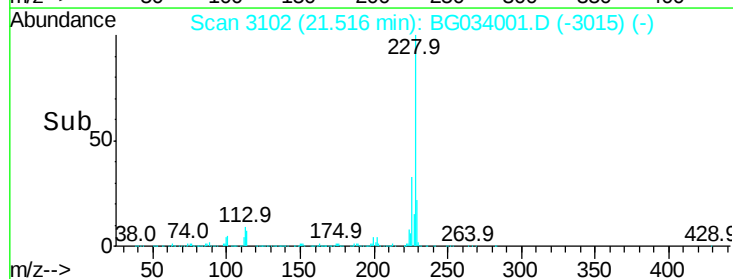
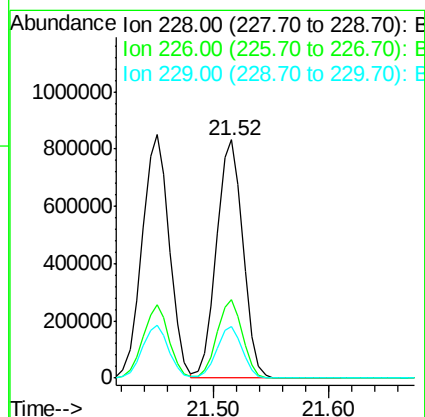
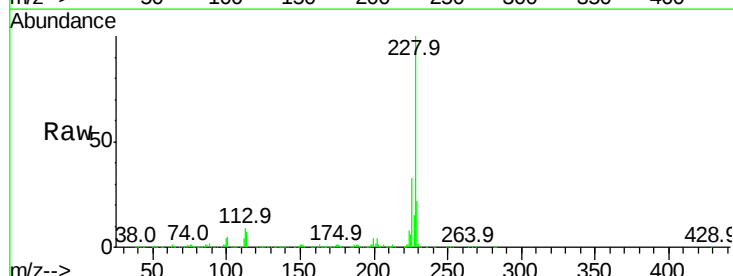
Instrument :
 BNA_G
 ClientSampleId :

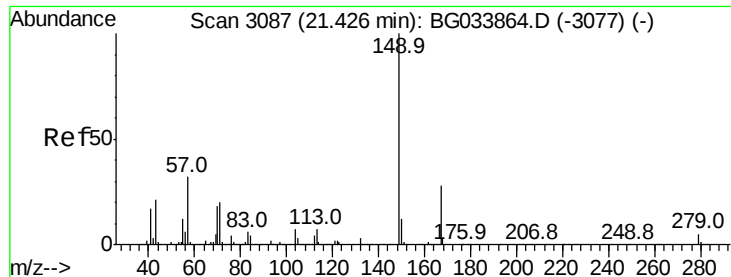
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.8	76.2
126	9.6	7.4	11.2



#82
 Chrysene
 Concen: 40.211 ng
 RT: 21.52 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.9	37.3
229	21.7	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.963 ng

RT: 21.39 min Scan# 3081

Delta R.T. -0.03 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

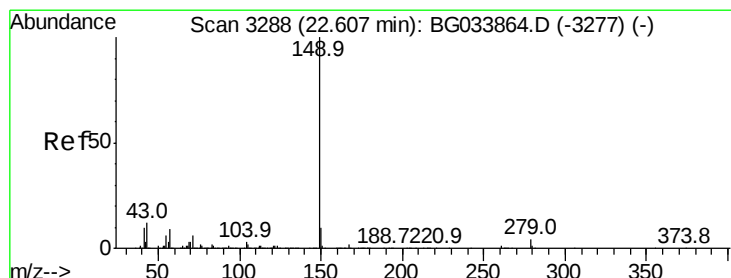
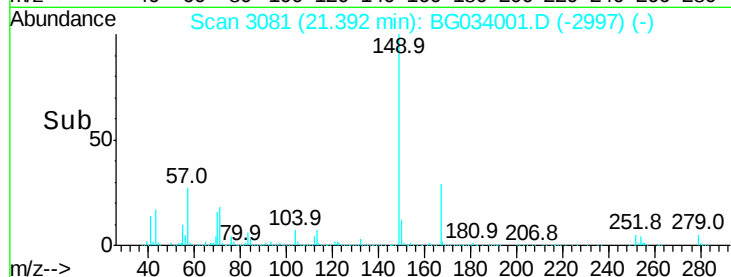
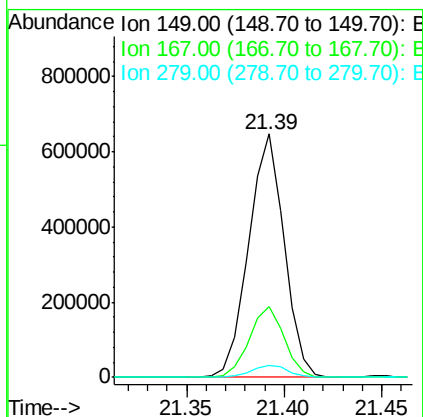
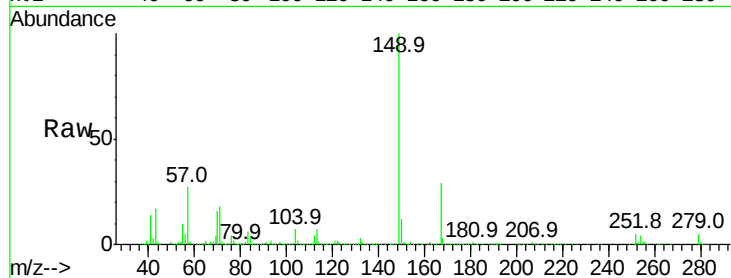
Tot Ion:149 Resp: 813980

Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.3	36.5
279	5.1	4.0	6.0

149 100

167 29.2 24.3 36.5

279 5.1 4.0 6.0



#84

Di-n-octyl phthalate

Concen: 39.735 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.05 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

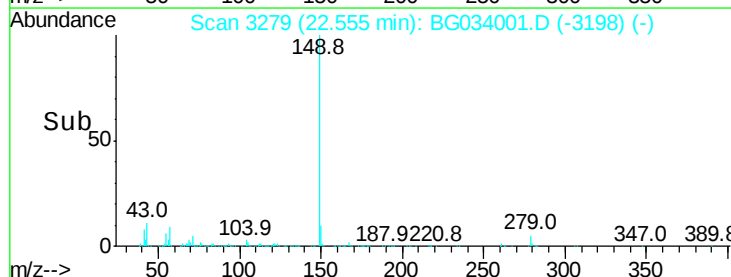
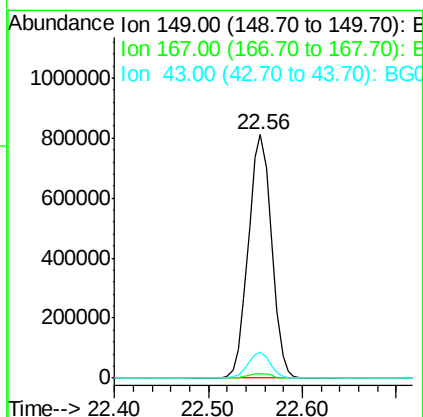
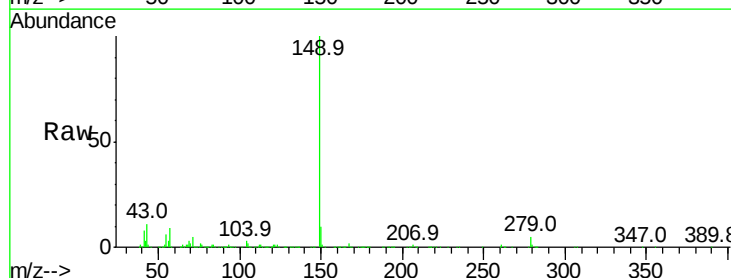
Tgt Ion:149 Resp: 1388854

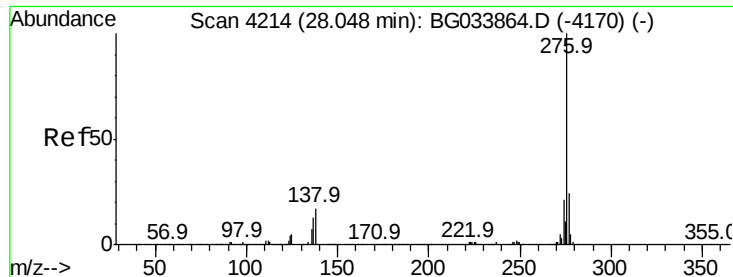
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.2	8.9	13.3

149 100

167 1.8 1.4 2.0

43 10.2 8.9 13.3



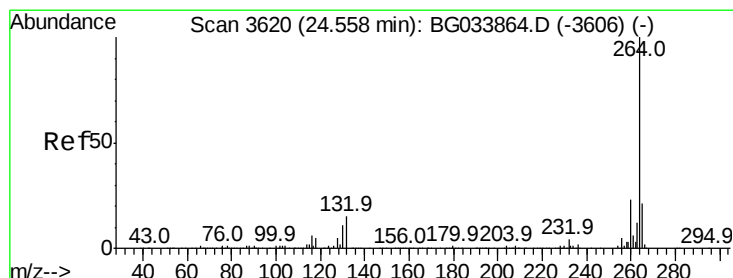
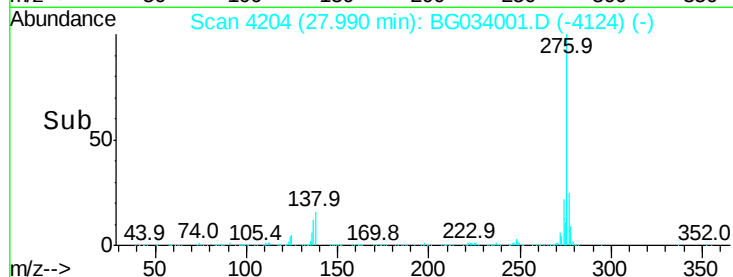
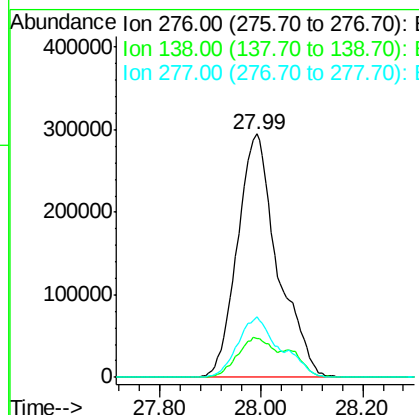
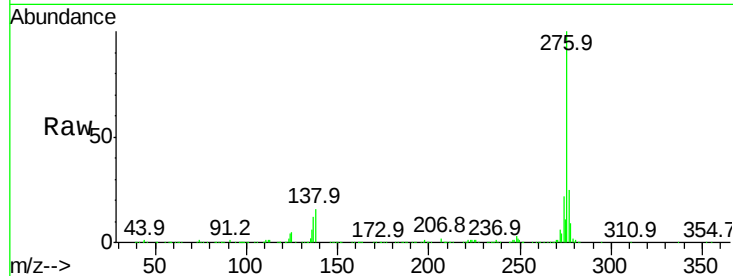


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.690 ng
 RT: 27.99 min Scan# 4204
 Delta R.T. -0.06 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1621170

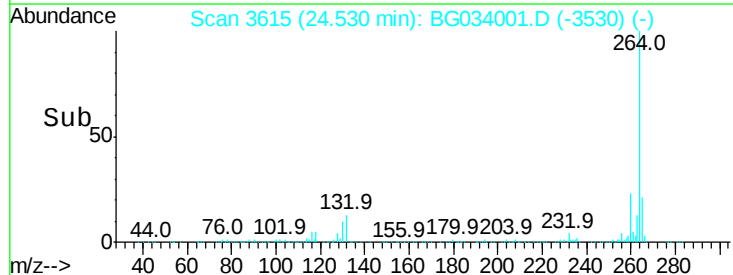
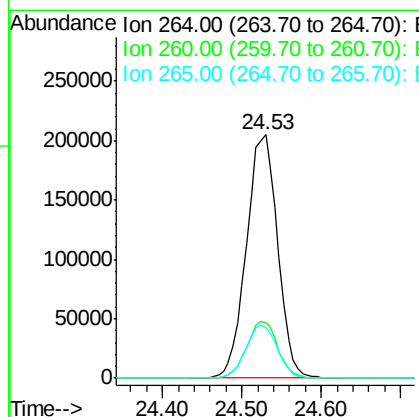
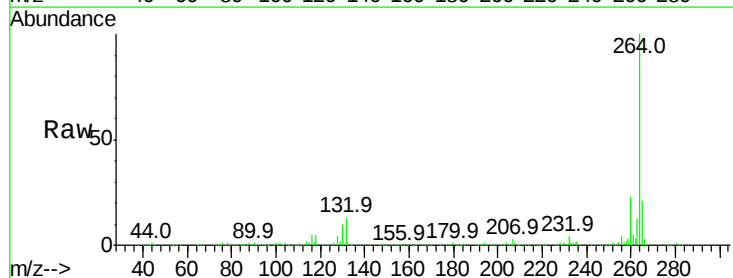
Ion	Ratio	Lower	Upper
276	100		
138	14.1	16.0	24.0#
277	26.1	20.0	30.0

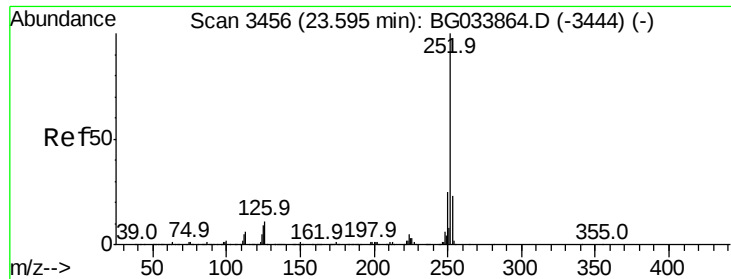


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.53 min Scan# 3615
 Delta R.T. -0.03 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion:264 Resp: 562684

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 41.198 ng

RT: 23.56 min Scan# 3450

Delta R.T. -0.03 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

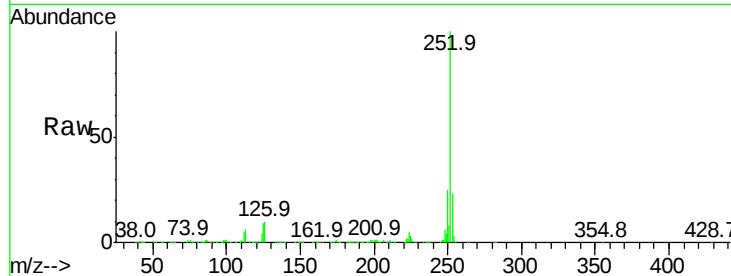
Tot Ion:252 Resp: 1414198

Ion Ratio Lower Upper

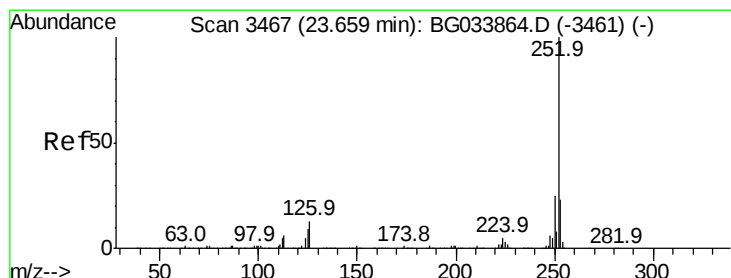
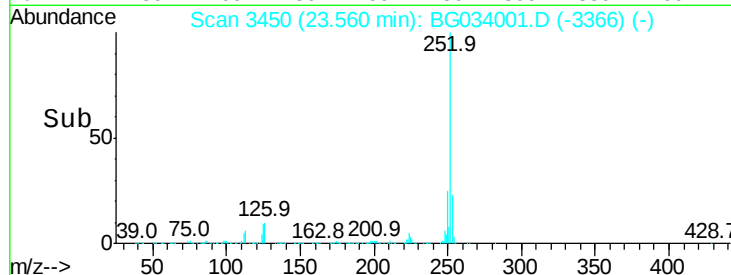
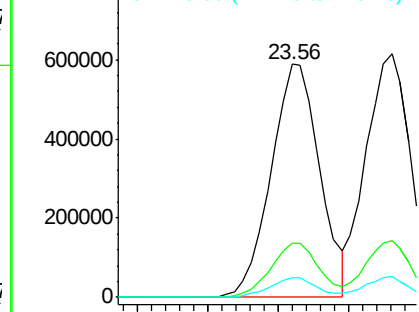
252 100

253 23.5 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: 39.716 ng

RT: 23.63 min Scan# 3462

Delta R.T. -0.03 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

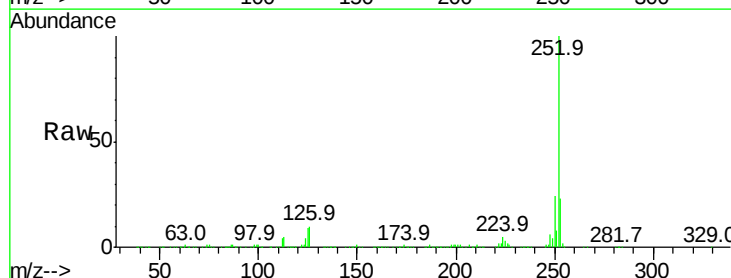
Tgt Ion:252 Resp: 1354219

Ion Ratio Lower Upper

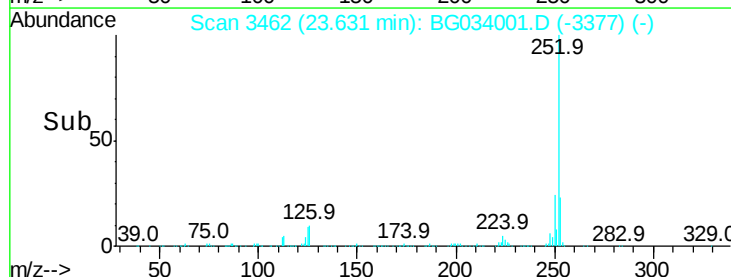
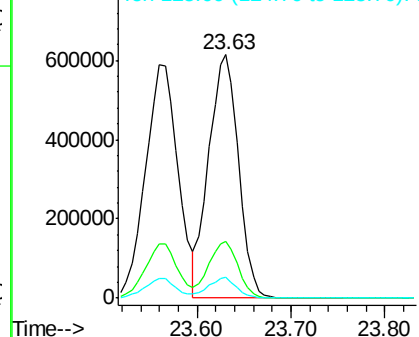
252 100

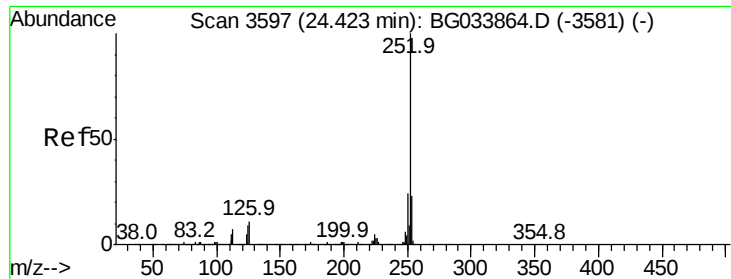
253 23.1 17.4 26.2

125 8.5 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: 41.659 ng

RT: 24.38 min Scan# 3590

Delta R.T. -0.04 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

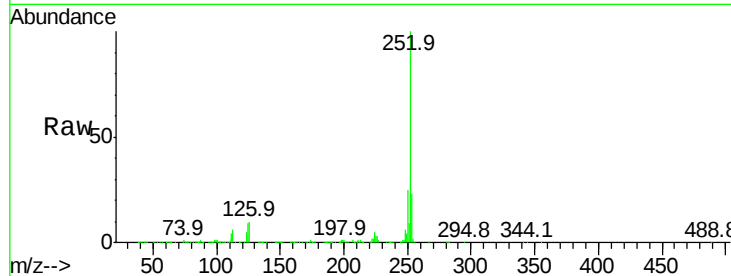
Tot Ion:252 Resp: 1369551

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

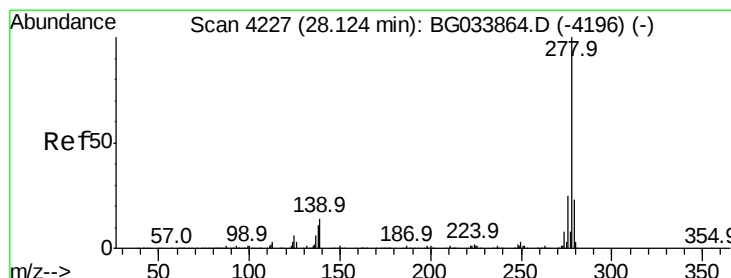
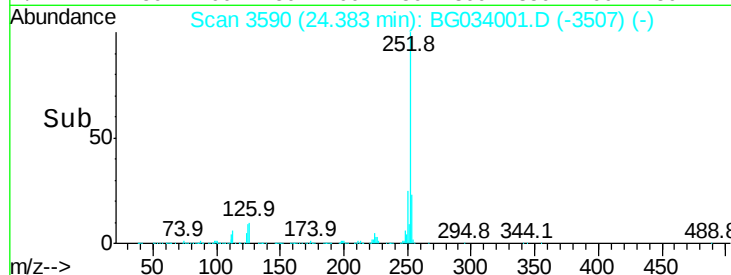
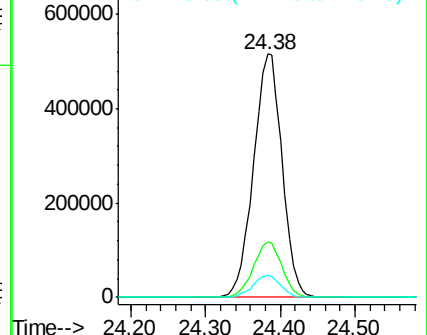
125 9.0 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.291 ng

RT: 28.06 min Scan# 4216

Delta R.T. -0.06 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

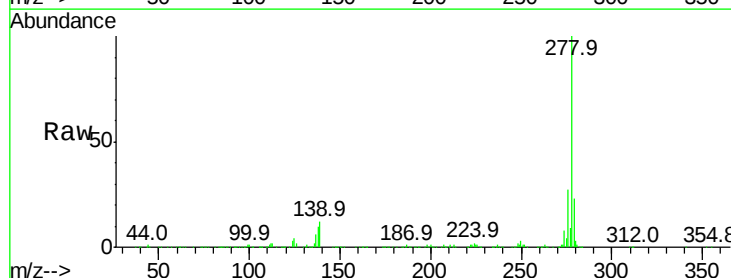
Tgt Ion:278 Resp: 1345318

Ion Ratio Lower Upper

278 100

139 11.7 9.8 14.6

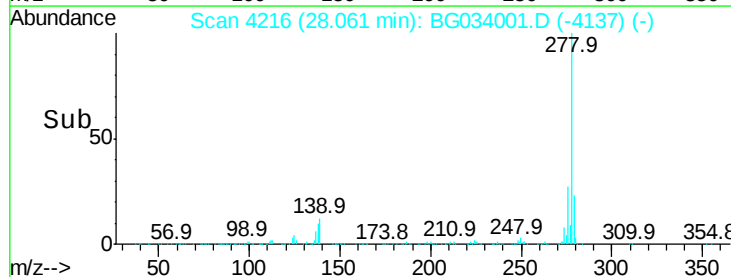
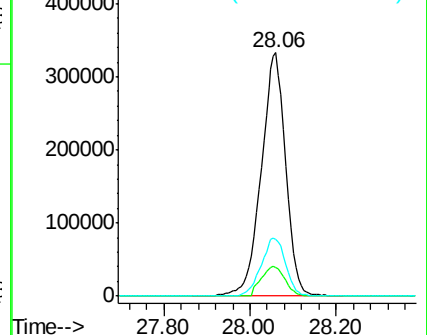
279 23.1 18.4 27.6

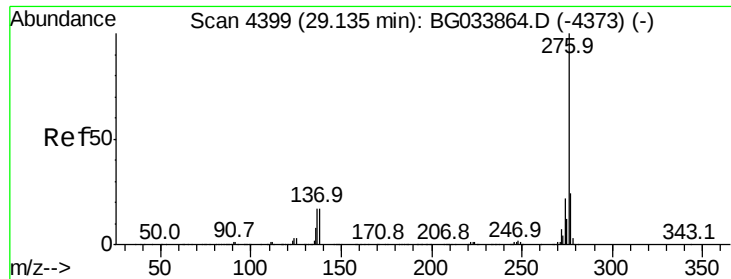


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.879 ng

RT: 29.07 min Scan# 4387

Delta R.T. -0.07 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

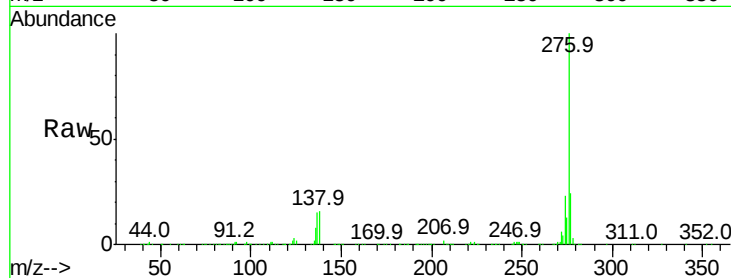
Tot Ion: 276 Resp: 1342158

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 16.3 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

