

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034071.D
 Acq On : 28 Apr 2018 12:44
 Operator : SJ/JU
 Sample : PB108635BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 30 02:31:20 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	7.76	152	38365	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	250166	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	188889	20.00	ng	-0.09
63) Phenanthrene-d10	17.14	188	532753	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	567156	20.00	ng	-0.10
86) Perylene-d12	24.38	264	574441	20.00	ng	-0.18

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	243566	101.36	ng	-0.08
7) Phenol-d6	6.95	99	336490	96.00	ng	-0.05
23) Nitrobenzene-d5	8.91	82	239735	54.54	ng	-0.08
41) 2,4,6-Tribromophenol	15.88	330	248886	112.94	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	798467	62.10	ng	-0.09
78) Terphenyl-d14	19.77	244	1624890	64.37	ng	-0.09

Target Compounds						Qvalue
3) Pyridine	3.70	79	49483	16.84	ng	90
4) n-Nitrosodimethylamine	3.65	42	18653	13.94	ng	# 93
6) Aniline	7.10	93	29197	6.23	ng	# 57
8) 2-Chlorophenol	7.32	128	105601	39.22	ng	98
9) Benzaldehyde	6.97	77	21726	9.12	ng	91
10) Phenol	6.97	94	101083	28.15	ng	96
11) bis(2-Chloroethyl)ether	7.19	93	66553	24.23	ng	85
12) 1,3-Dichlorobenzene	7.64	146	114464	36.93	ng	96
13) 1,4-Dichlorobenzene	7.79	146	106254	33.84	ng	94
14) 1,2-Dichlorobenzene	8.10	146	116807	38.26	ng	97
15) Benzyl Alcohol	8.02	79	19384	6.34	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.28	45	156936	29.30	ng	76
17) 2-Methylphenol	8.22	107	71712	26.95	ng	# 95
18) Hexachloroethane	8.81	117	47859	41.72	ng	90
19) n-Nitroso-di-n-propylamine	8.55	70	79518	26.62	ng	# 96
20) 3+4-Methylphenols	8.56	107	83208	21.52	ng	# 71
22) Acetophenone	8.58	105	130720	19.20	ng	# 99
24) Nitrobenzene	8.96	77	101524	21.19	ng	# 96
25) Isophorone	9.46	82	249295	25.22	ng	# 92
26) 2-Nitrophenol	9.68	139	33594	17.75	ng	90
27) 2,4-Dimethylphenol	9.73	122	85896	24.26	ng	91
28) bis(2-Chloroethoxy)methane	9.97	93	119102	22.80	ng	# 96
29) 2,4-Dichlorophenol	10.21	162	111387	28.22	ng	91
30) 1,2,4-Trichlorobenzene	10.40	180	128970	29.18	ng	97
31) Naphthalene	10.58	128	380400	29.57	ng	99
32) Benzoic acid	9.73	122	85896	26.85	ng	# 9
34) Hexachlorobutadiene	10.86	225	76689	29.00	ng	# 61
35) Caprolactam	11.48	113	8335	4.97	ng	# 76
36) 4-Chloro-3-methylphenol	11.86	107	129247	26.83	ng	92
37) 2-Methylnaphthalene	12.20	142	279996	28.43	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	175652	28.00	ng	96
40) Hexachlorocyclopentadiene	12.55	237	216474	62.77	ng	91
42) 2,4,6-Trichlorophenol	12.82	196	94021	24.59	ng	93
43) 2,4,5-Trichlorophenol	12.91	196	122033	27.76	ng	# 96

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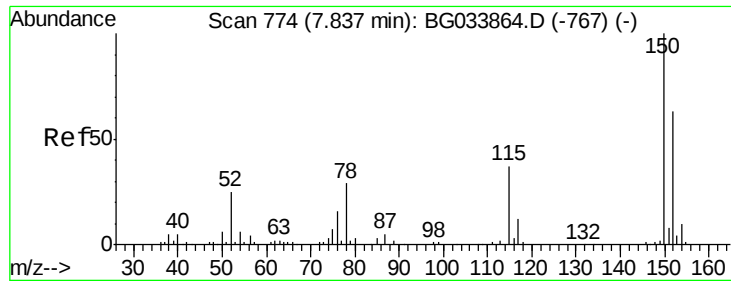
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1'-Biphenyl	13.22	154	406052	26.56	nq	98
46) 2-Chloronaphthalene	13.26	162	316903	27.33	nq	99
47) 2-Nitroaniline	13.50	65	78764	21.76	nq	95
48) Acenaphthylene	14.11	152	535639	27.79	nq	99
49) Dimethylphthalate	13.85	163	470845	28.34	nq	99
50) 2,6-Dinitrotoluene	13.97	165	99965	31.75	nq	# 82
51) Acenaphthene	14.45	154	309990	25.61	nq	97
53) 2,4-Dinitrophenol	14.53	184	55425	49.22	nq	# 72
54) Dibenzofuran	14.79	168	527431	29.39	nq	94
55) 4-Nitrophenol	14.68	139	68509	25.55	nq	87
56) 2,4-Dinitrotoluene	14.77	165	138953	33.18	nq	# 79
57) Fluorene	15.44	166	467348	30.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.03	232	155110	38.53	nq	# 88
59) Diethylphthalate	15.22	149	499039	28.41	nq	100
60) 4-Chlorophenyl-phenylether	15.44	204	248938	30.64	nq	93
61) 4-Nitroaniline	15.52	138	16395	4.52	nq	89
62) Azobenzene	15.74	77	386131	24.66	nq	94
64) 4,6-Dinitro-2-methylphenol	15.53	198	58785	26.31	nq	82
65) n-Nitrosodiphenylamine	15.66	169	409410	26.43	nq	99
66) 4-Bromophenyl-phenylether	16.34	248	154485	26.40	nq	98
67) Hexachlorobenzene	16.44	284	173307	27.78	nq	# 73
68) Atrazine	16.61	200	179234	29.54	nq	97
69) Pentachlorophenol	16.79	266	203712	47.53	nq	# 58
70) Phenanthrene	17.18	178	774782	27.11	nq	99
71) Anthracene	17.28	178	873130	30.55	nq	99
72) Carbazole	17.56	167	708952	25.71	nq	99
73) Di-n-butylphthalate	18.12	149	934272	27.24	nq	99
74) Fluoranthene	19.20	202	1044992	30.23	nq	98
76) Benzidine	19.45	184	74254	4.85	nq	95
77) Pyrene	19.56	202	1040863	27.98	nq	97
79) Butylbenzylphthalate	20.47	149	428469	26.23	nq	88
80) Benzo(a)anthracene	21.37	228	948439	26.52	nq	98
81) 3,3'-Dichlorobenzidine	21.31	252	132303	9.92	nq	97
82) Chrysene	21.43	228	1026377	30.05	nq	98
83) Bis(2-ethylhexyl)phthalate	21.30	149	595008	25.79	nq	96
84) Di-n-octyl phthalate	22.44	149	1012731	27.66	nq	# 95
85) Indeno(1,2,3-cd)pyrene	27.76	276	1064030	27.37	nq	# 90
87) Benzo(b)fluoranthene	23.43	252	938965	26.79	nq	97
88) Benzo(k)fluoranthene	23.50	252	1081370	31.06	nq	98
89) Benzo(a)pyrene	24.25	252	985813	29.37	nq	98
90) Dibenzo(a,h)anthracene	27.83	278	885523	27.27	nq	98
91) Benzo(g,h,i)perylene	28.82	276	915258	28.64	nq	99

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

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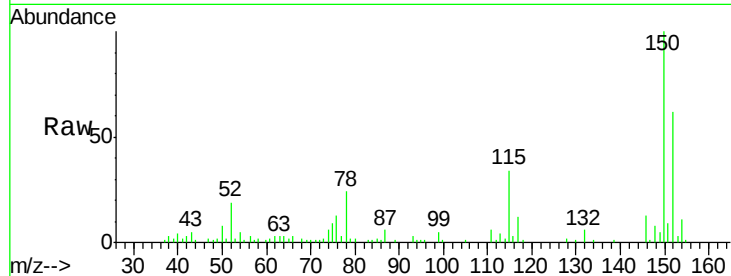


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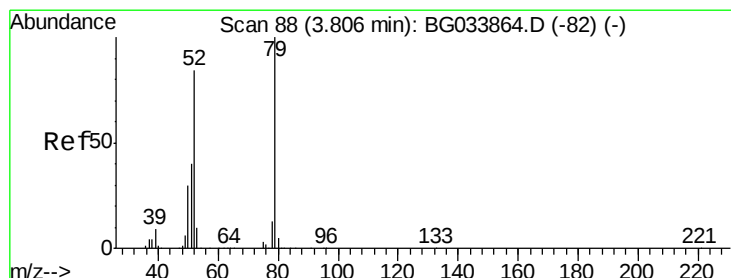
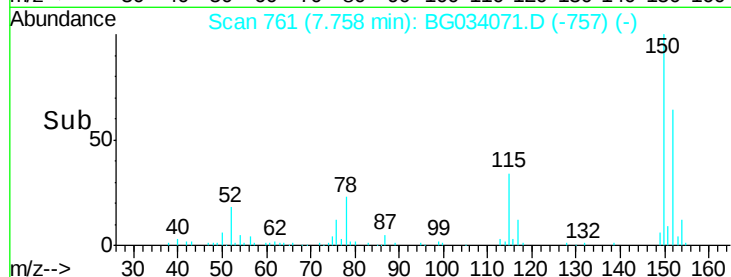
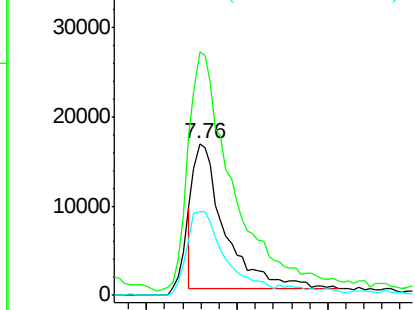
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 761
Delta R.T. -0.08 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38365
Ion Ratio Lower Upper
152 100
150 160.3 126.6 189.8
115 55.0 53.0 79.4



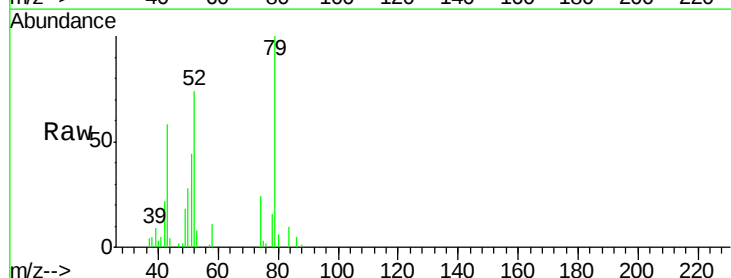
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



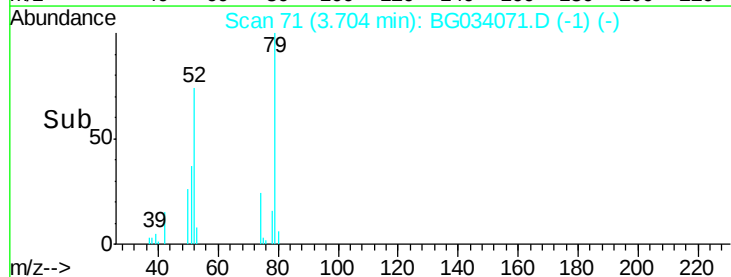
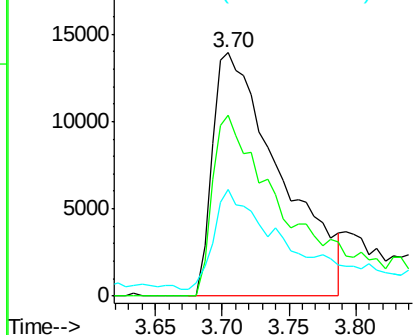
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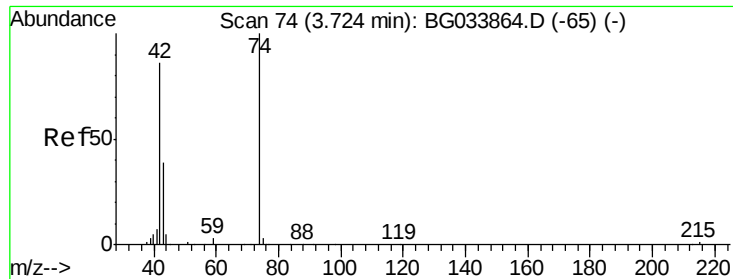
Pyridine
Concen: 16.84 ng
RT: 3.70 min Scan# 71
Delta R.T. -0.10 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Tgt Ion: 79 Resp: 49483
Ion Ratio Lower Upper
79 100
52 74.1 69.9 104.9
51 43.7 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



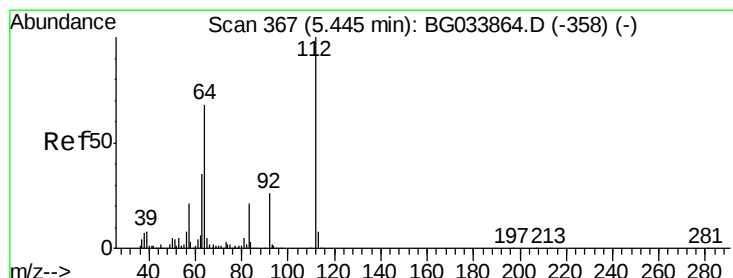
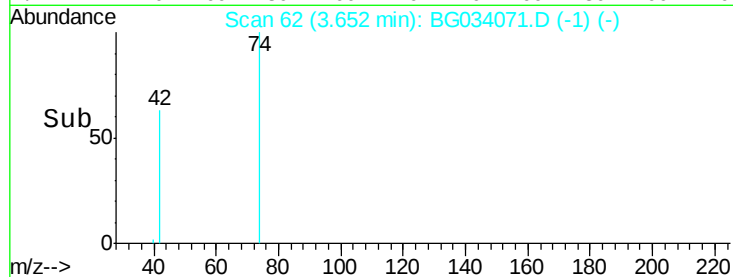
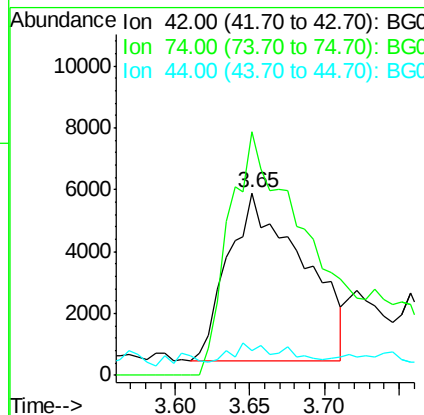
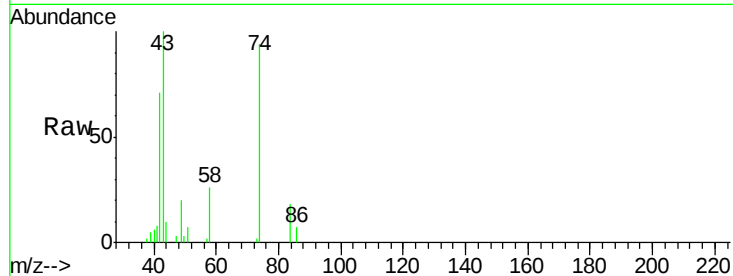


#4

n-Nitrosodimethylamine
 Concen: 13.94 ng
 RT: 3.65 min Scan# 62
 Delta R.T. -0.07 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

Instrument :
 BNA_G
 ClientSampleId :

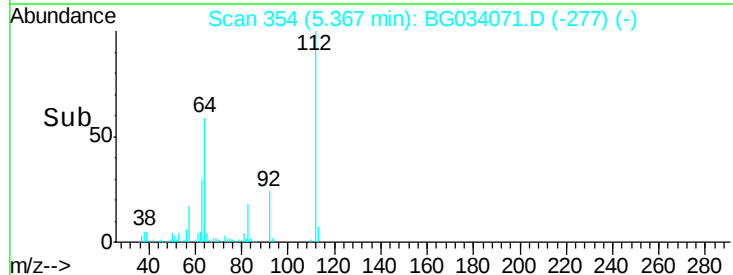
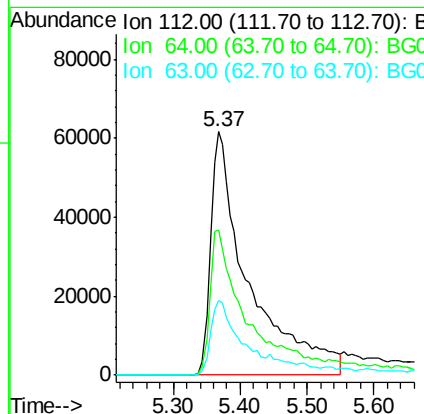
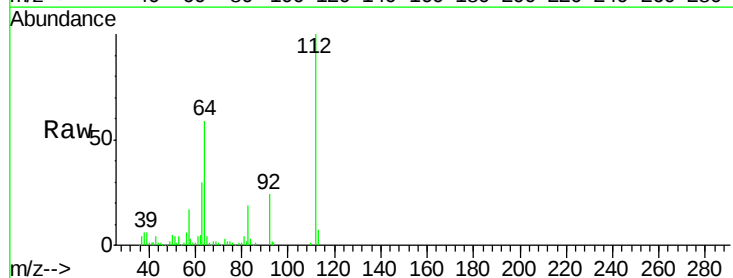
Tot Ion: 42 Resp: 18653
 Ion Ratio Lower Upper
 42 100
 74 133.5 102.5 153.7
 44 13.9 18.9 28.3#

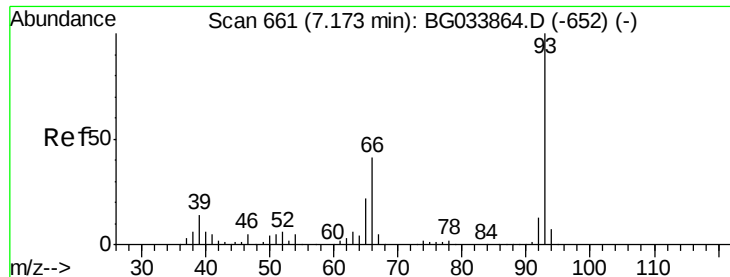


#5

2-Fluorophenol
 Concen: 101.36 ng
 RT: 5.37 min Scan# 354
 Delta R.T. -0.08 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

Tgt Ion: 112 Resp: 243566
 Ion Ratio Lower Upper
 112 100
 64 59.4 56.3 84.5
 63 30.4 30.1 45.1





#6

Aniline

Concen: 6.23 ng

RT: 7.10 min Scan# 649

Delta R.T. -0.07 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampled :

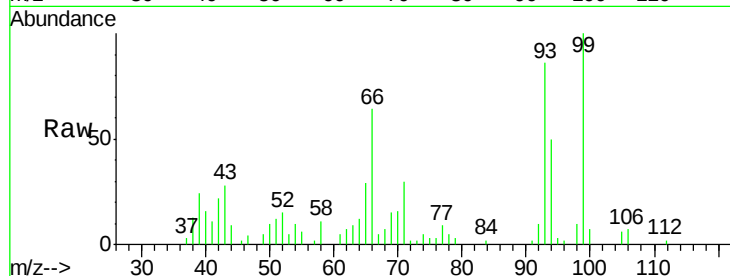
Tot Ion: 93 Resp: 29197

Ion Ratio Lower Upper

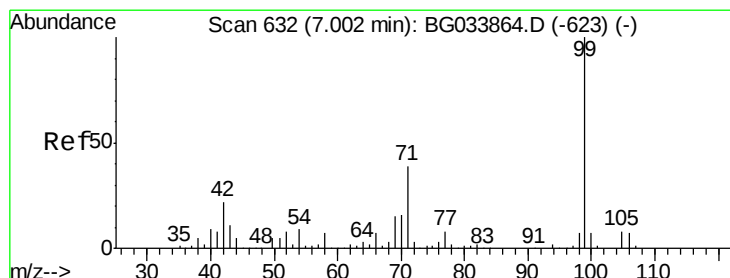
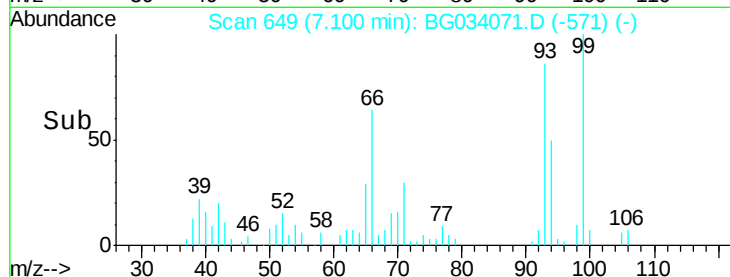
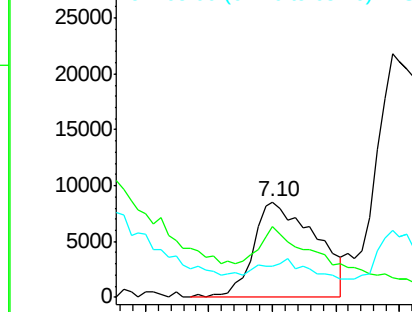
93 100

66 74.0 33.7 50.5#

65 33.3 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: 96.00 ng

RT: 6.95 min Scan# 623

Delta R.T. -0.05 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

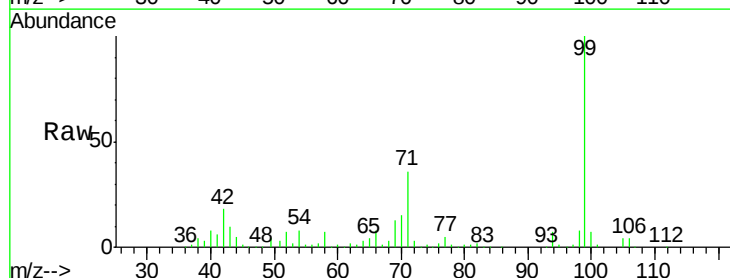
Tgt Ion: 99 Resp: 336490

Ion Ratio Lower Upper

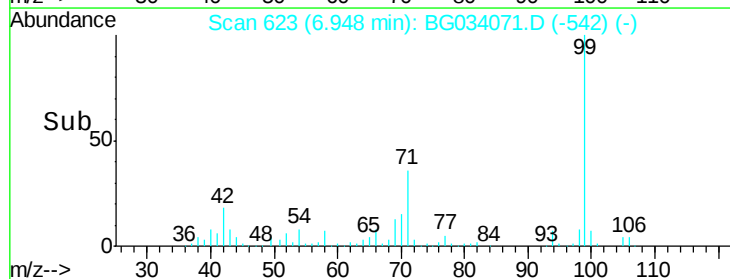
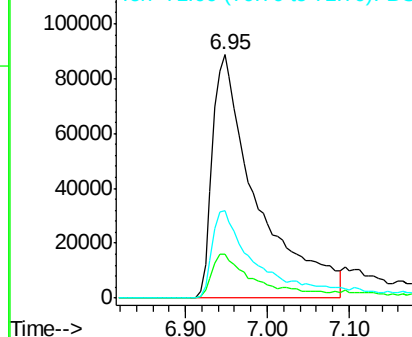
99 100

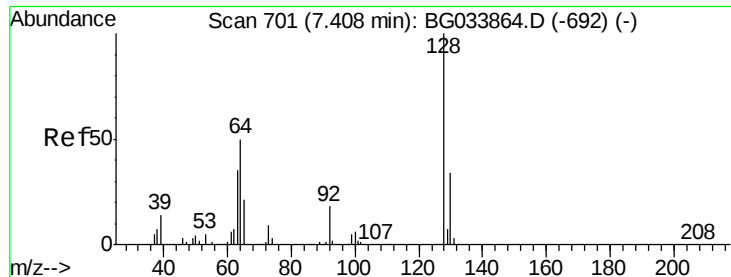
42 17.8 14.1 21.1

71 35.9 26.1 39.1



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





#8

2-Chlorophenol

Concen: 39.22 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.08 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

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ClientSampleId :

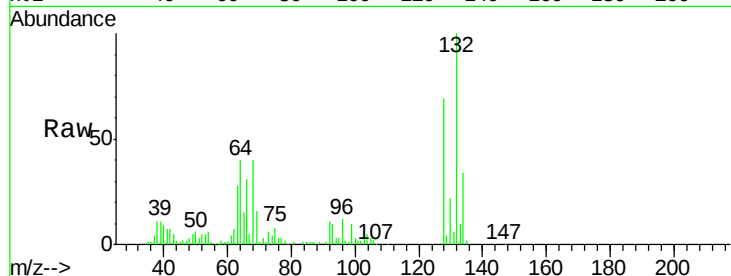
Tot Ion:128 Resp: 105601

Ion Ratio Lower Upper

128 100

130 31.3 14.0 54.0

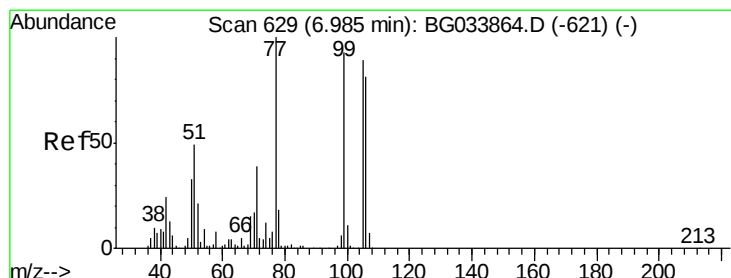
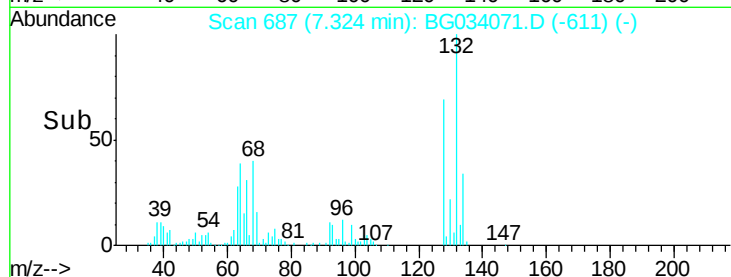
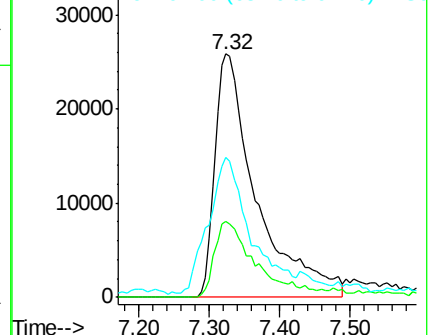
64 57.7 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 9.12 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.01 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

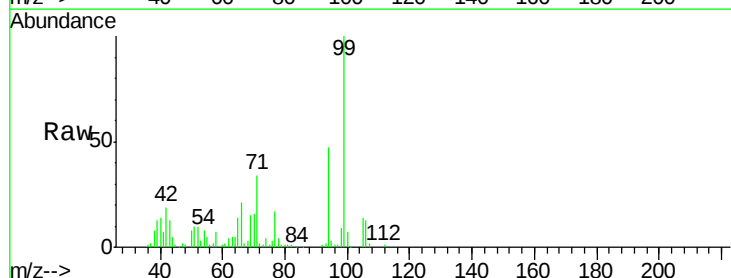
Tgt Ion: 77 Resp: 21726

Ion Ratio Lower Upper

77 100

105 82.0 71.3 111.3

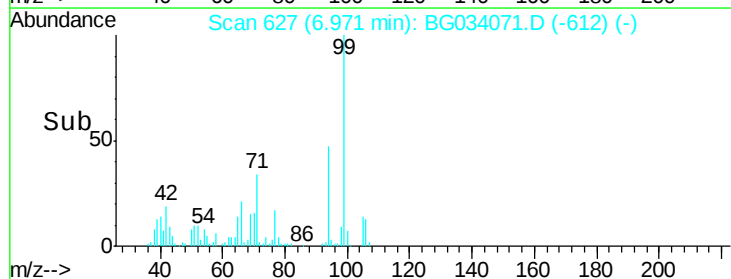
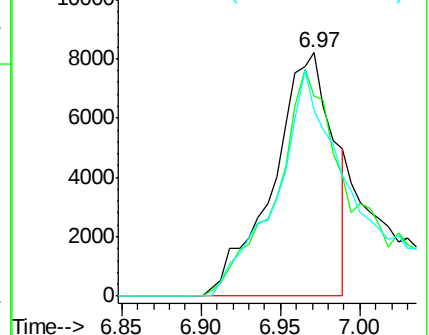
106 76.3 64.2 104.2

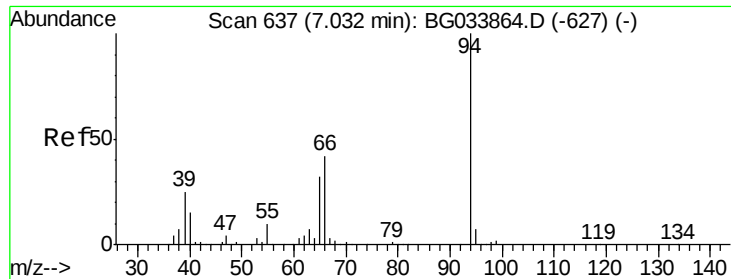


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 28.15 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.06 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

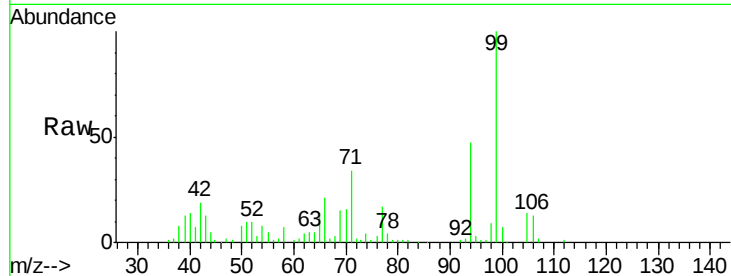
Tot Ion: 94 Resp: 101083

Ion Ratio Lower Upper

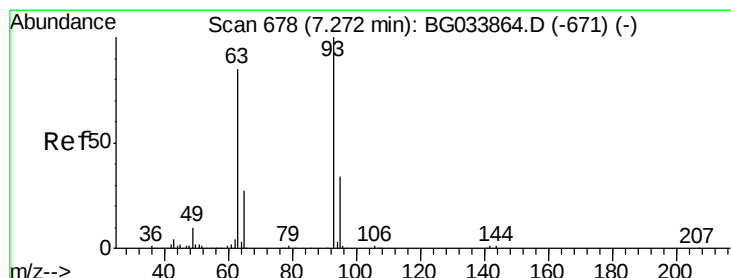
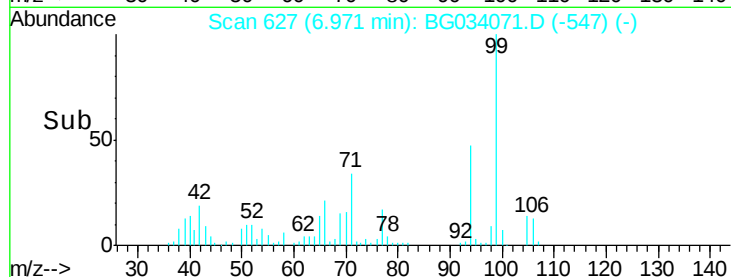
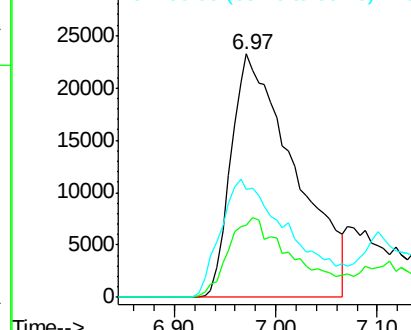
94 100

65 29.7 11.9 51.9

66 44.3 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: 24.23 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.08 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

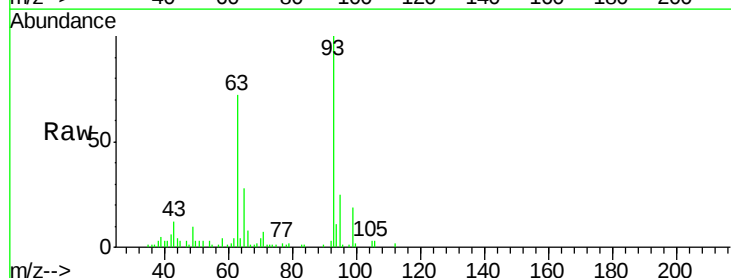
Tgt Ion: 93 Resp: 66553

Ion Ratio Lower Upper

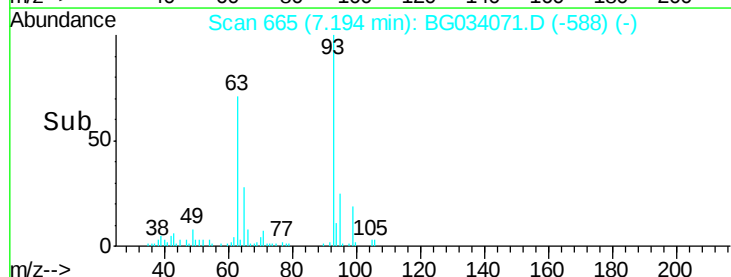
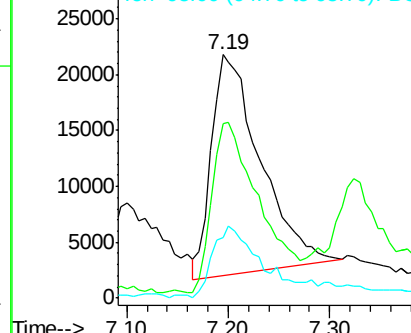
93 100

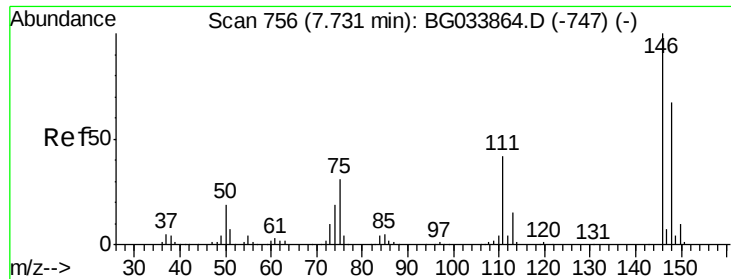
63 71.8 67.1 107.1

95 24.9 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

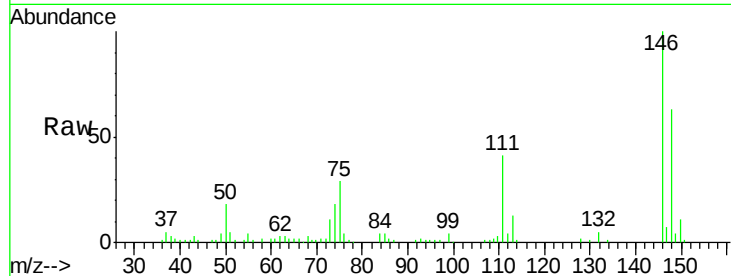




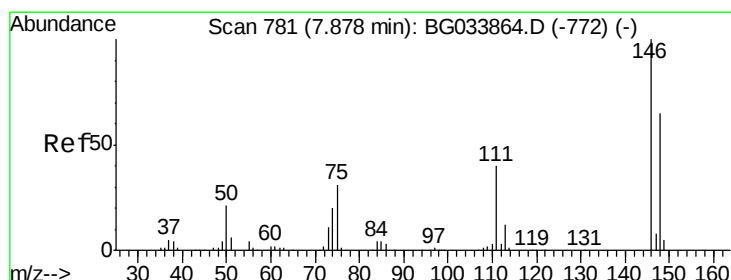
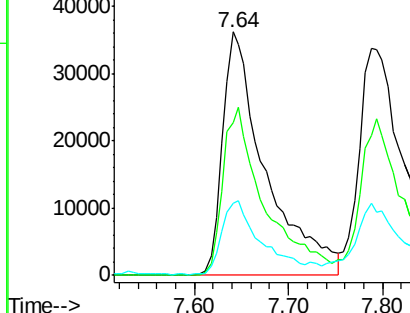
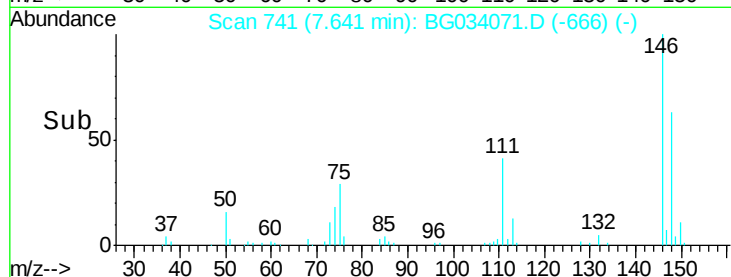
#12
 1,3-Dichlorobenzene
 Concen: 36.93 ng
 RT: 7.64 min Scan# 741
 Delta R.T. -0.09 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.4	77.2
75	29.4	26.6	39.8

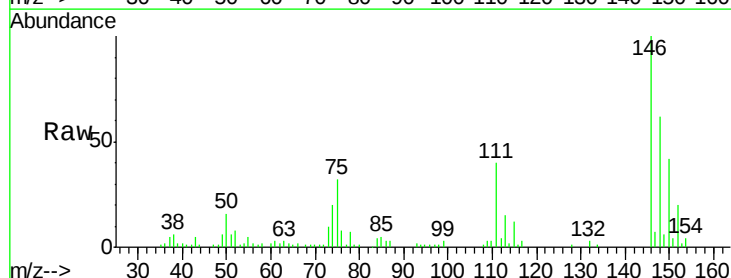


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): B

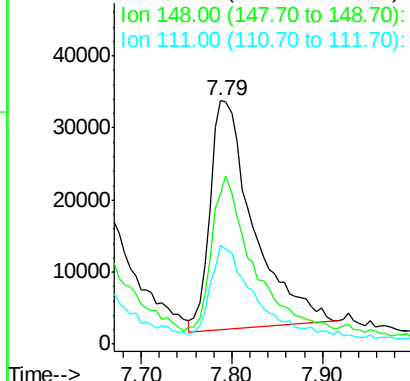
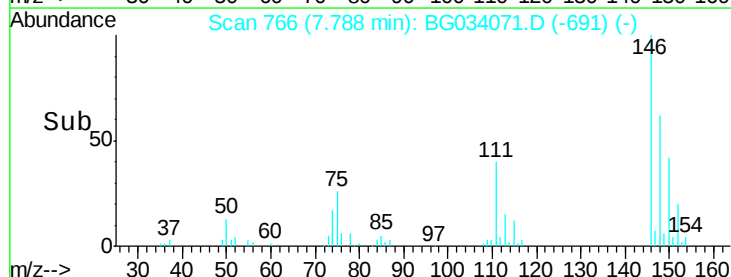


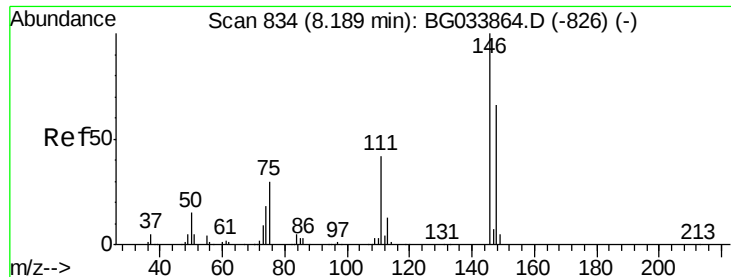
#13
 1,4-Dichlorobenzene
 Concen: 33.84 ng
 RT: 7.79 min Scan# 766
 Delta R.T. -0.09 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	53.7	80.5
111	40.5	35.2	52.8



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





#14

1,2-Dichlorobenzene

Concen: 38.26 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.09 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

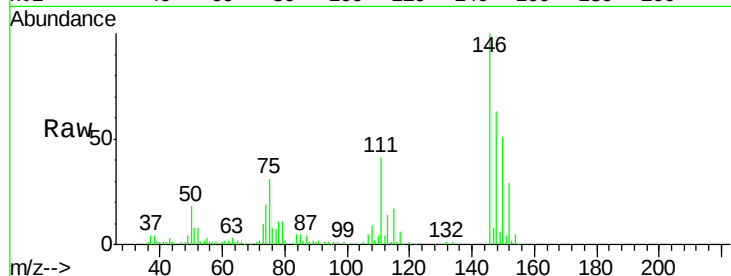
Tot Ion:146 Resp: 116807

Ion Ratio Lower Upper

146 100

148 63.2 49.3 73.9

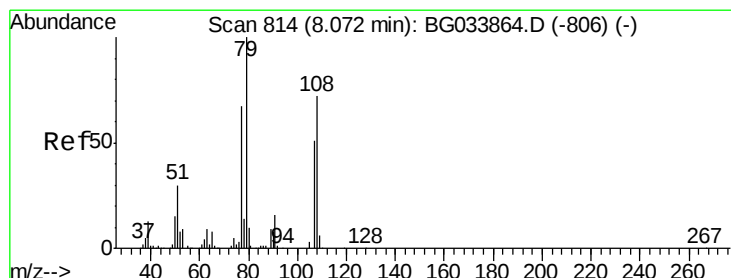
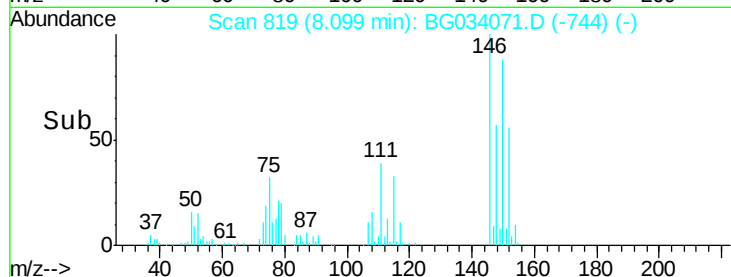
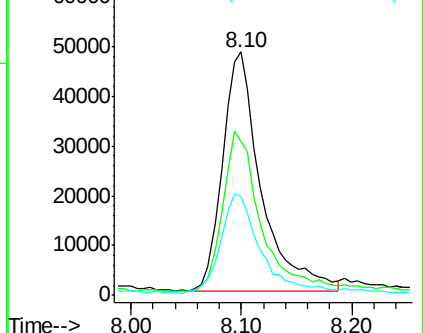
111 40.8 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 6.34 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.05 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

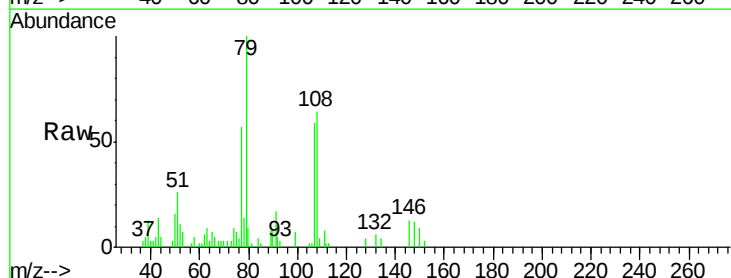
Tgt Ion: 79 Resp: 19384

Ion Ratio Lower Upper

79 100

108 63.9 57.2 85.8

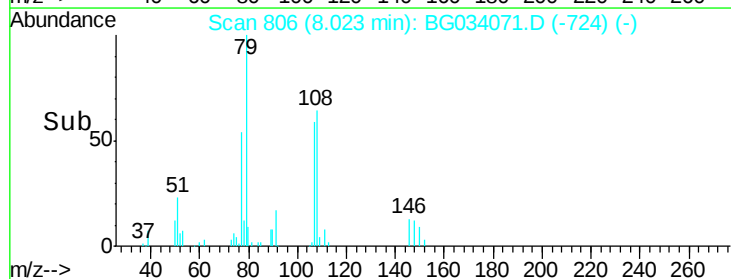
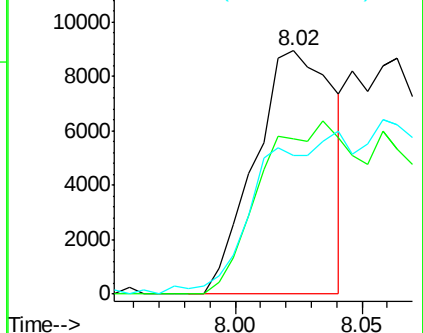
77 56.9 46.1 69.1

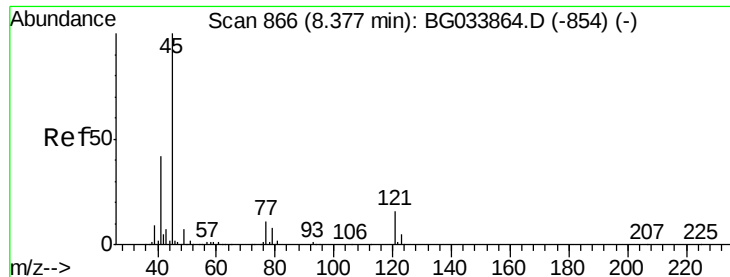


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

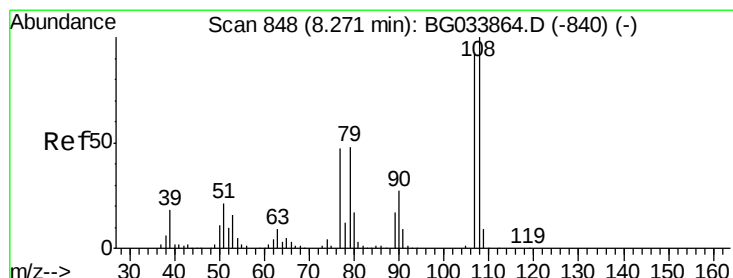
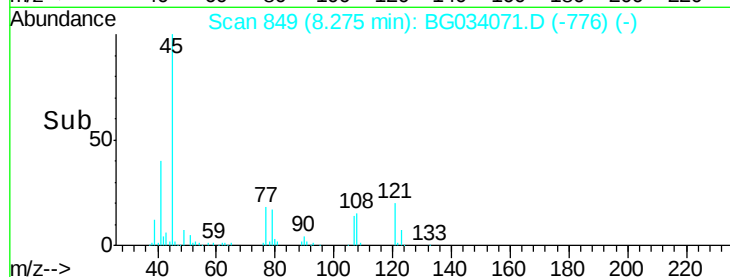
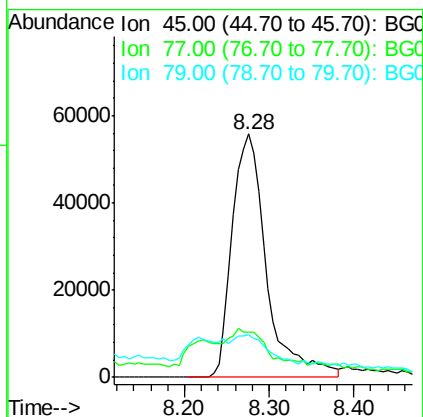
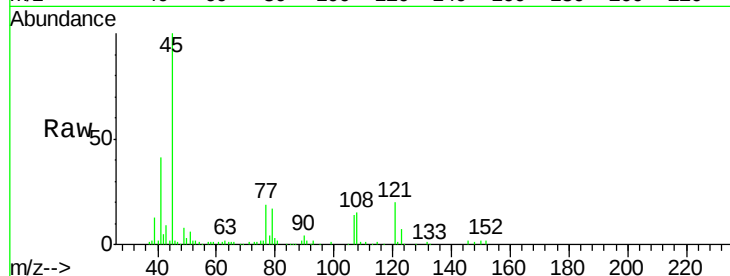




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 29.30 ng
 RT: 8.28 min Scan# 849
 Delta R.T. -0.10 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

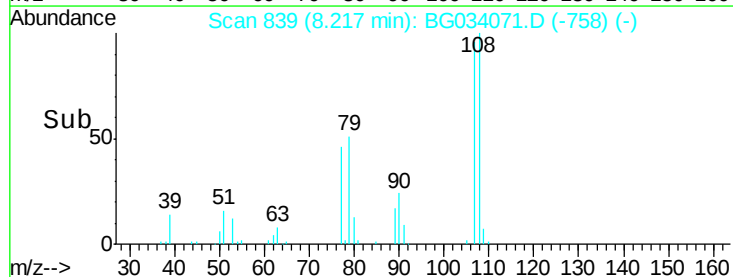
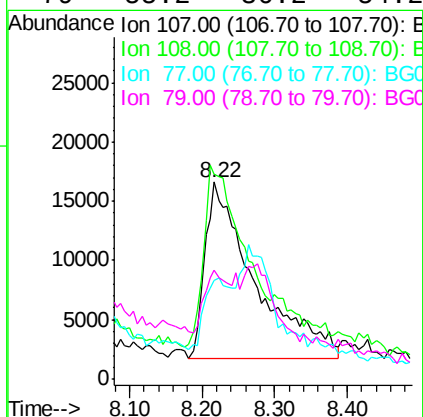
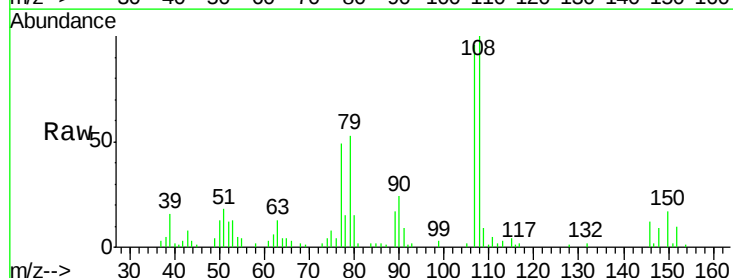
Instrument :
 BNA_G
 ClientSampleId :

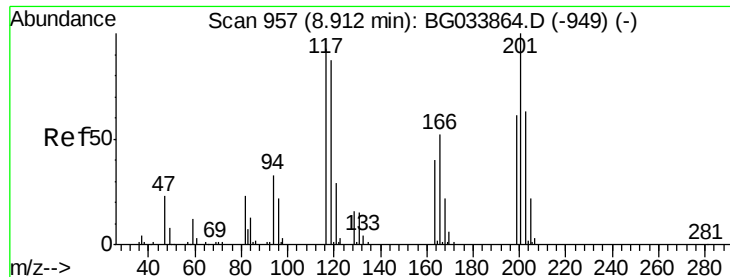
Tot Ion	Ratio	Lower	Upper
45	100		
77	18.5	0.0	30.2
79	17.4	0.0	27.9



#17
 2-Methylphenol
 Concen: 26.95 ng
 RT: 8.22 min Scan# 839
 Delta R.T. -0.05 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	103.9	83.9	125.9
77	50.4	37.2	55.8
79	55.2	36.2	54.2#

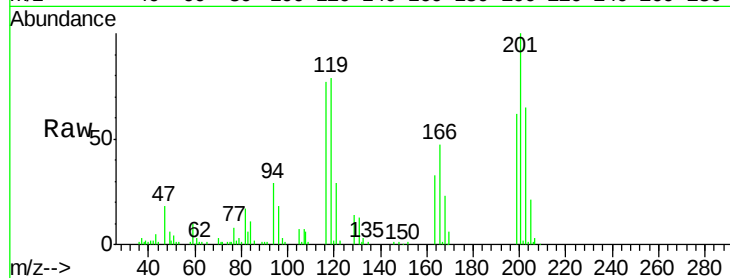




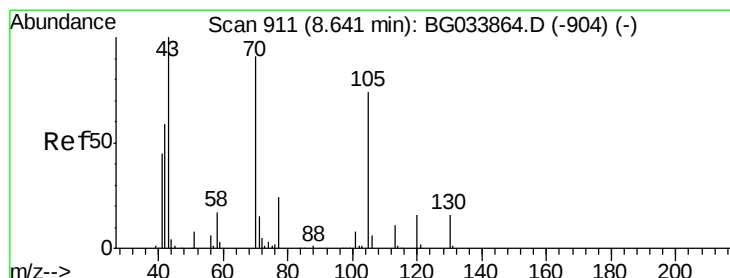
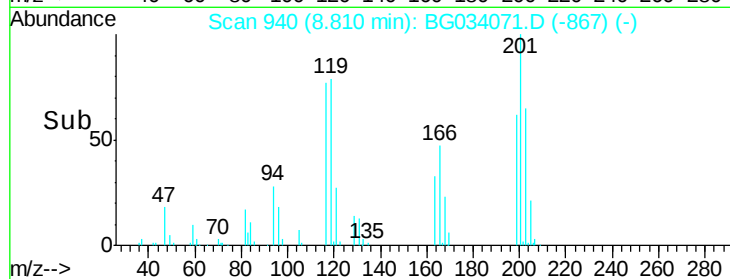
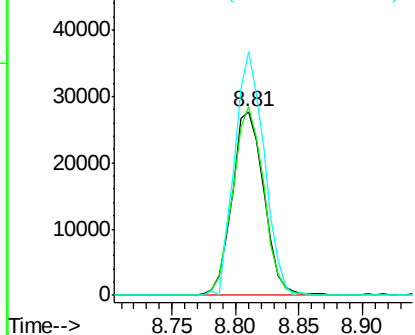
#18
Hexachloroethane
Concen: 41.72 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.10 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:117 Resp: 47859
Ion Ratio Lower Upper
117 100
119 102.7 76.7 115.1
201 132.5 95.7 143.5

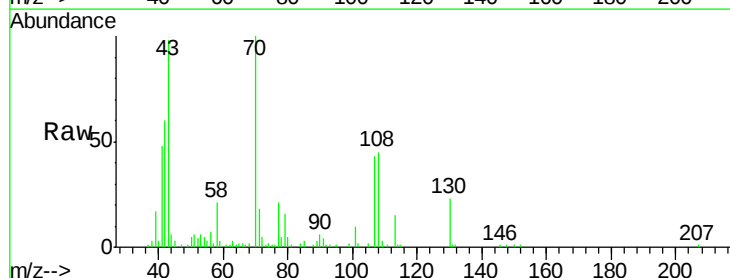


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

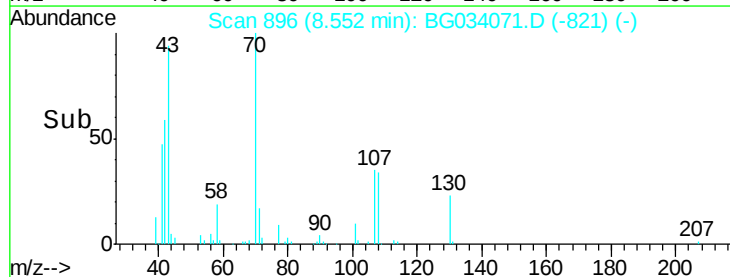
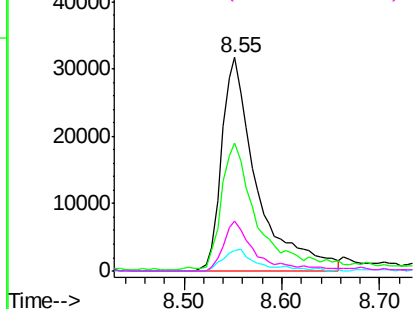


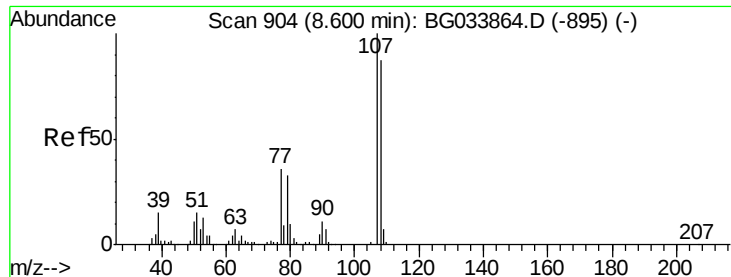
#19
n-Nitroso-di-n-propylamine
Concen: 26.62 ng
RT: 8.55 min Scan# 896
Delta R.T. -0.09 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Tgt Ion: 70 Resp: 79518
Ion Ratio Lower Upper
70 100
42 60.2 49.1 73.7
101 9.5 8.5 12.7
130 23.2 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#20

3+4-Methylphenols

Concen: 21.52 ng

RT: 8.56 min Scan# 898

Delta R.T. -0.04 min

Lab File: BG034071.D

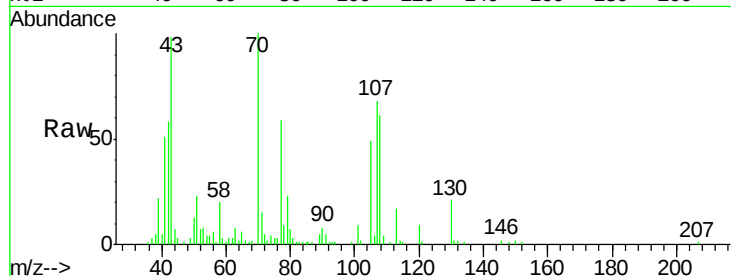
Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	83208
Ion	Ratio	Lower	Upper
107	100		
108	90.3	61.6	101.6
77	86.9	13.9	53.9#
79	33.5	8.8	48.8

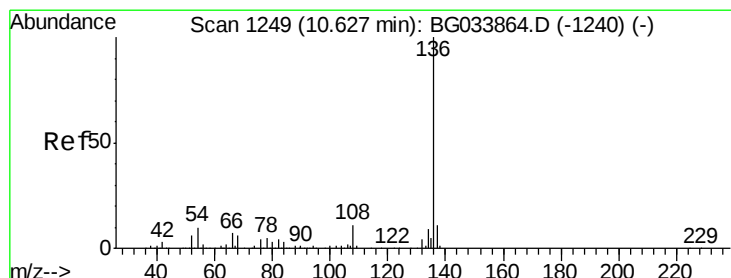
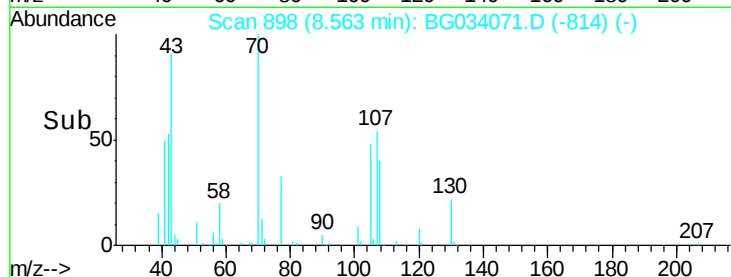
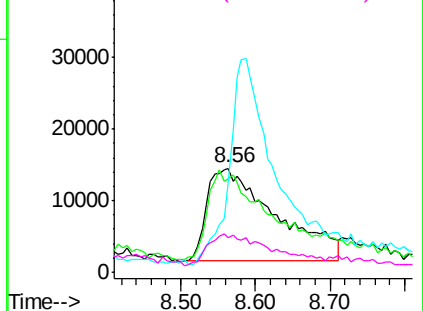


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

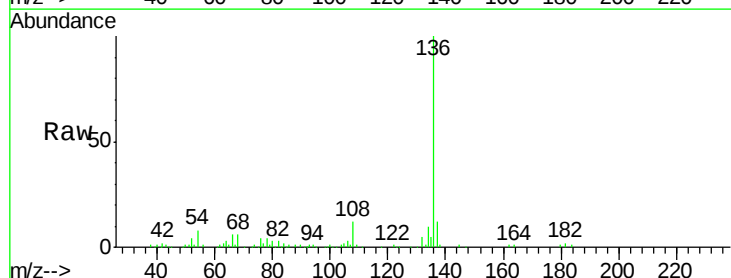
RT: 10.54 min Scan# 1234

Delta R.T. -0.09 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Tgt Ion:	136	Resp:	250166
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	8.5	10.3	15.5#
68	6.4	4.5	6.7

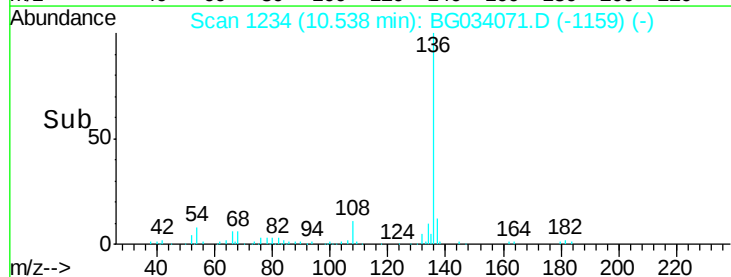
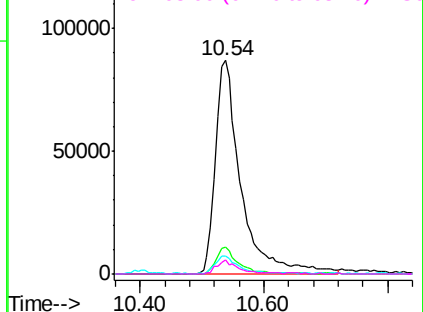


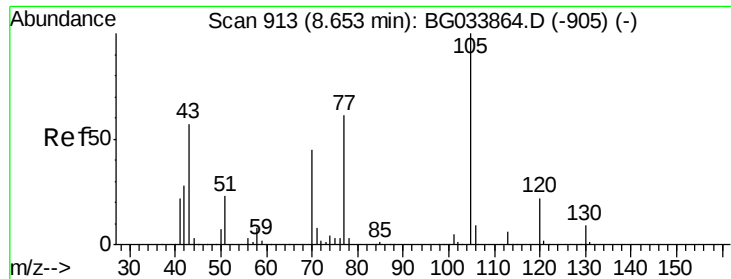
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 19.20 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.07 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampled :

Tot Ion:105 Resp: 130720

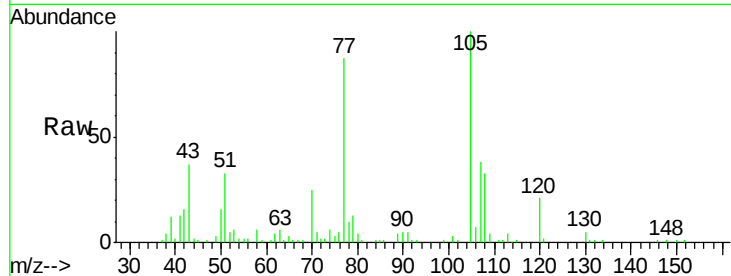
Ion Ratio Lower Upper

105 100

71 4.5 3.0 4.4#

51 33.2 26.1 39.1

120 21.3 17.4 26.2

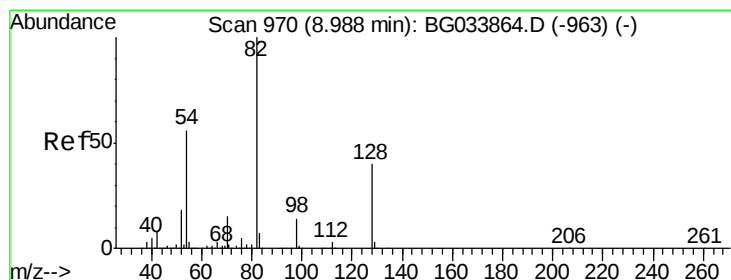
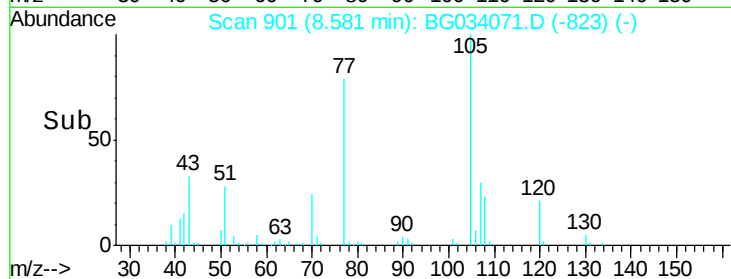
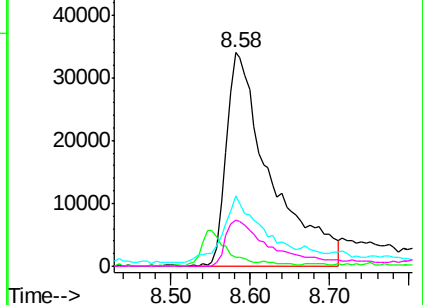


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 54.54 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.08 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

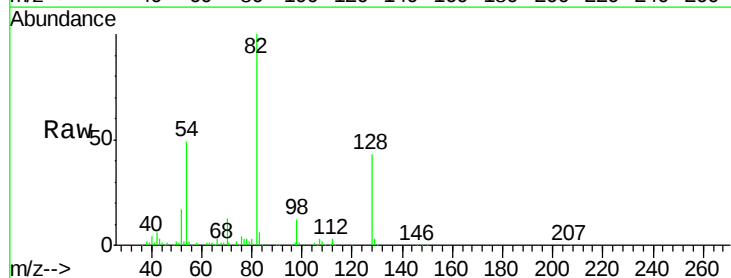
Tgt Ion: 82 Resp: 239735

Ion Ratio Lower Upper

82 100

128 43.2 29.7 44.5

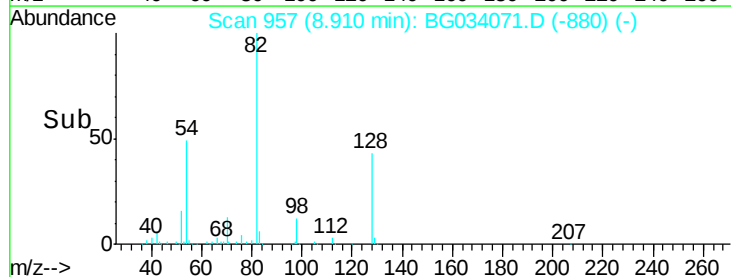
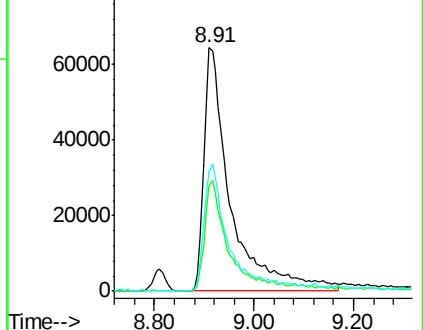
54 49.1 43.1 64.7

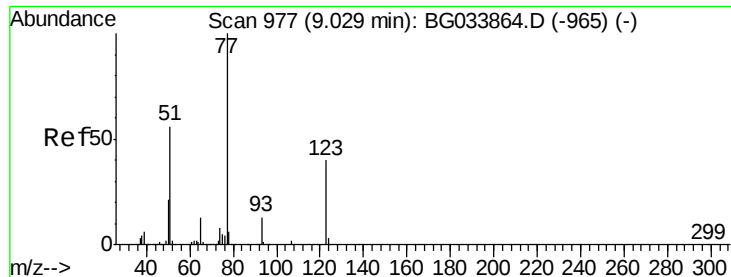


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 21.19 ng

RT: 8.96 min Scan# 965

Delta R.T. -0.07 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

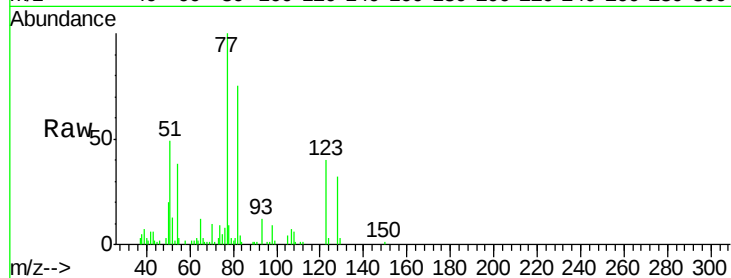
Tot Ion: 77 Resp: 101524

Ion Ratio Lower Upper

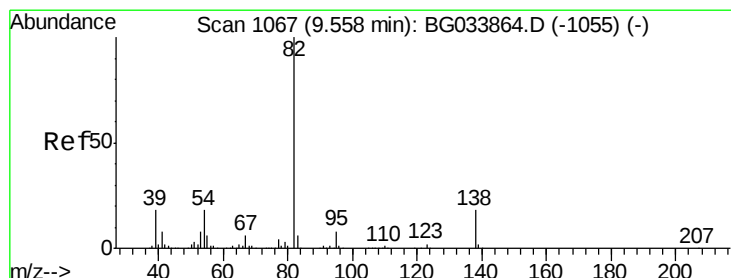
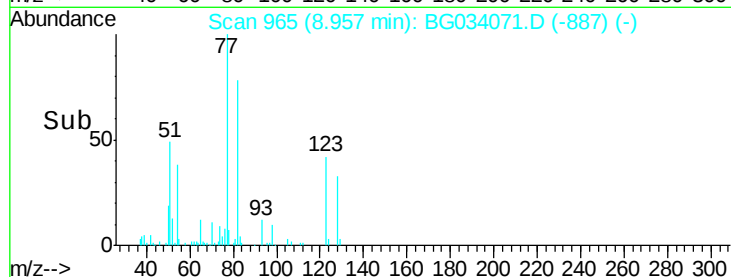
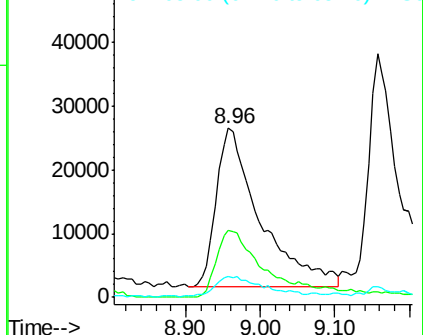
77 100

123 40.0 33.0 49.6

65 12.4 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: 25.22 ng

RT: 9.46 min Scan# 1050

Delta R.T. -0.10 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

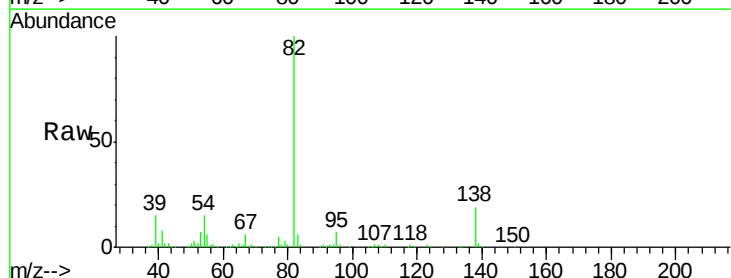
Tgt Ion: 82 Resp: 249295

Ion Ratio Lower Upper

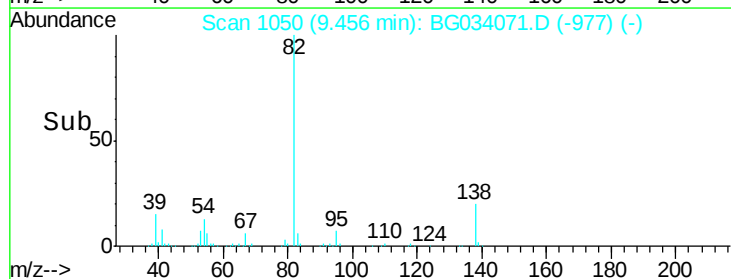
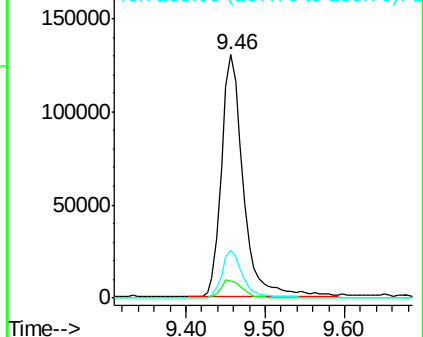
82 100

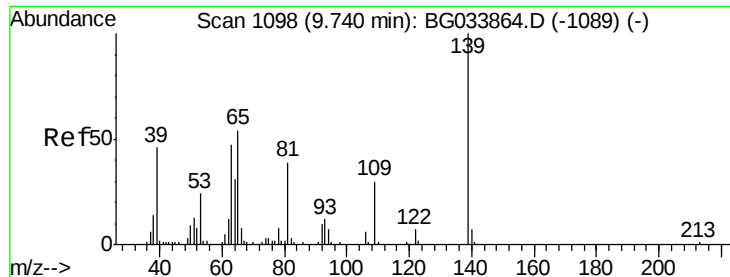
95 6.8 6.2 9.2

138 19.5 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

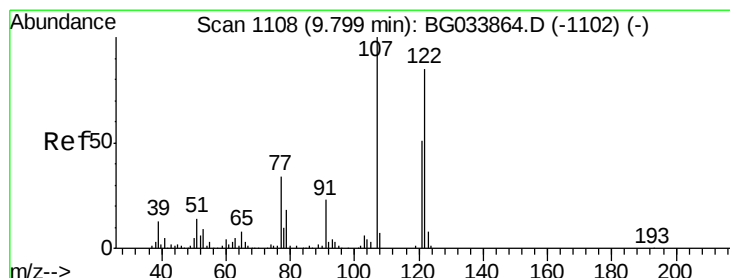
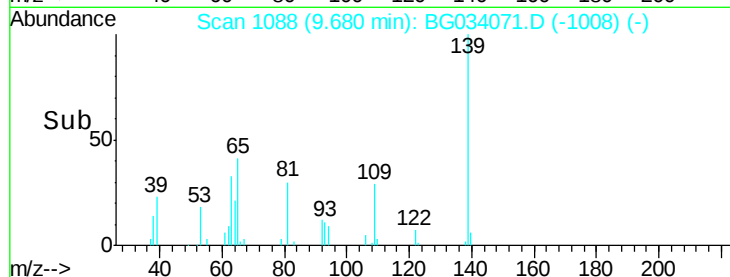
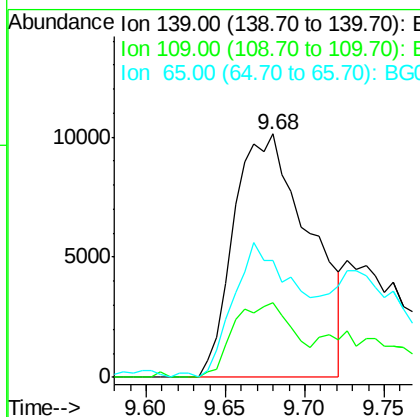
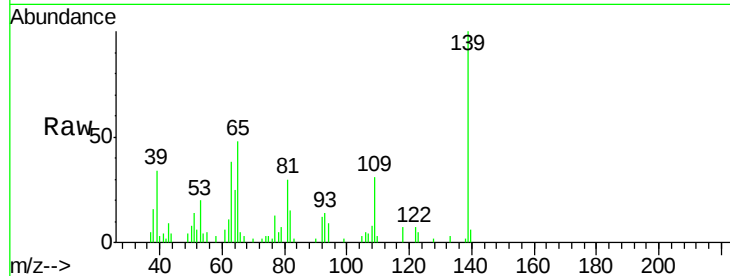




#26
2-Nitrophenol
Concen: 17.75 ng
RT: 9.68 min Scan# 1088
Delta R.T. -0.06 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

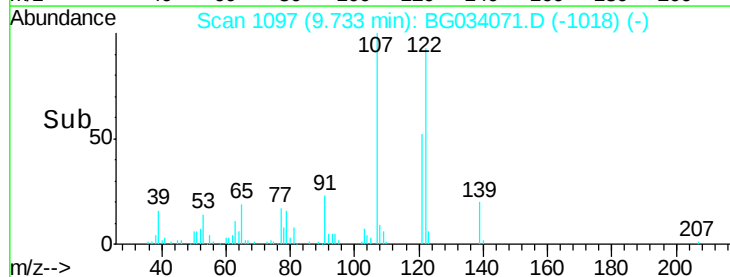
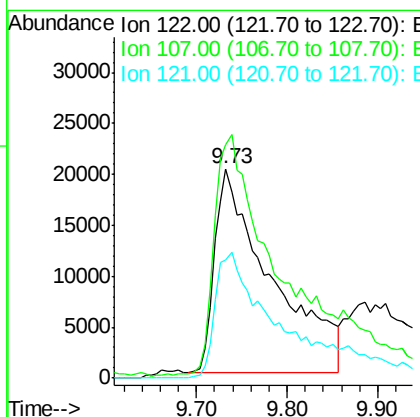
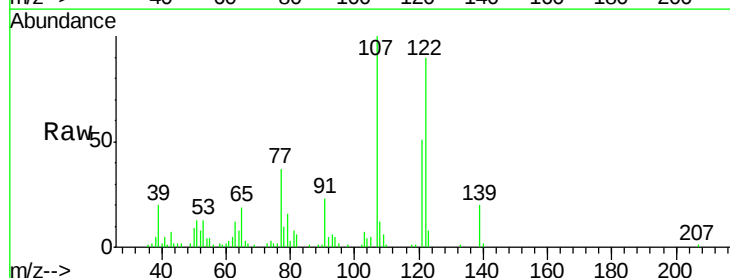
Instrument :
BNA_G
ClientSampleId :

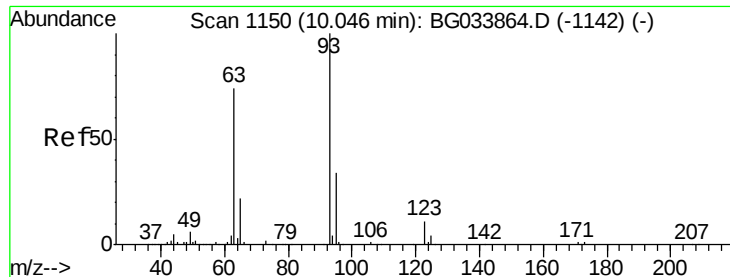
Tot Ion	Ratio	Lower	Upper
139	100		
109	30.5	24.2	36.2
65	47.8	47.4	71.0



#27
2,4-Dimethylphenol
Concen: 24.26 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.07 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.6	100.2	150.2
121	56.4	44.4	66.6

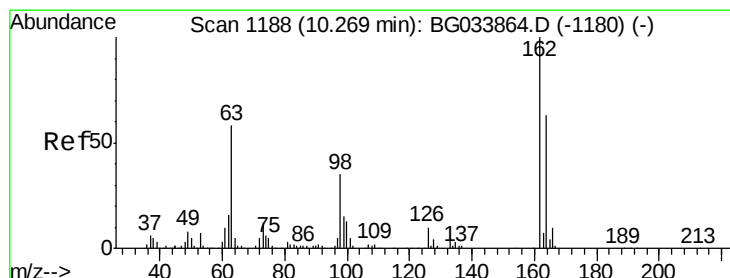
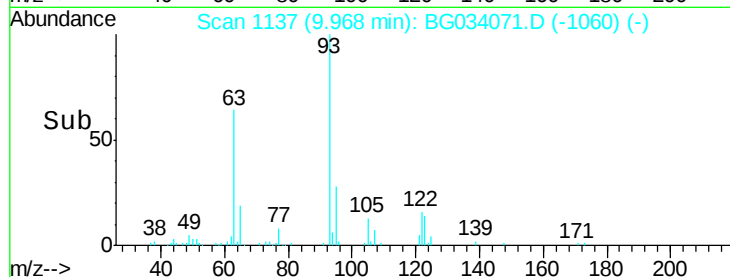
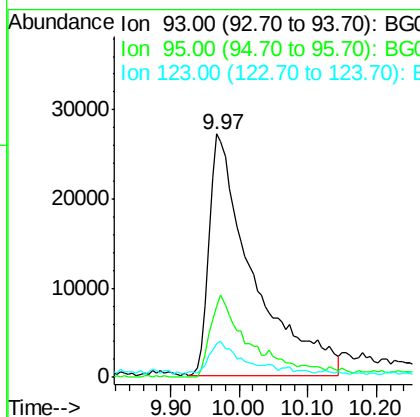
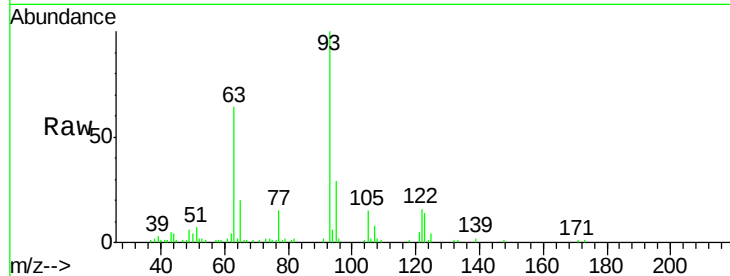




#28
bis(2-Chloroethoxy)methane
Concen: 22.80 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.08 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

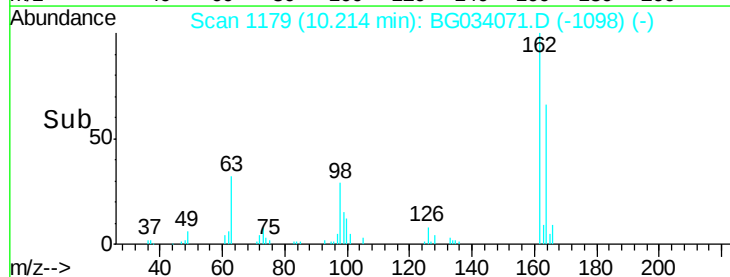
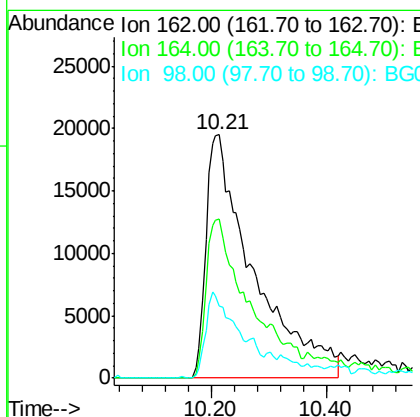
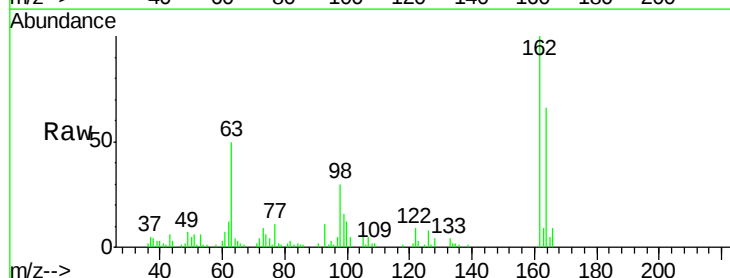
Instrument :
BNA_G
ClientSampleId :

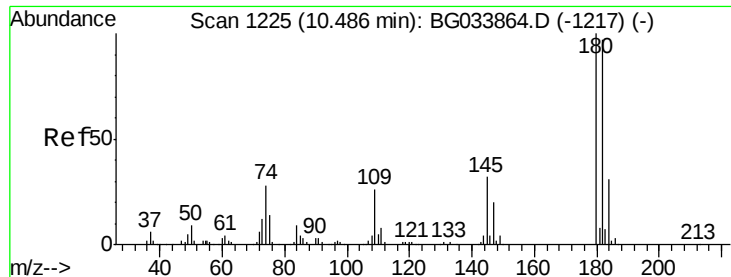
Tot Ion	Ratio	Lower	Upper
93	100		
95	28.9	24.3	36.5
123	13.6	8.4	12.6



#29
2,4-Dichlorophenol
Concen: 28.22 ng
RT: 10.21 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	48.0	88.0
98	29.5	21.1	61.1

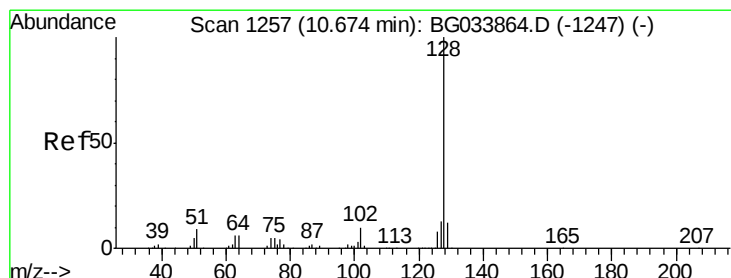
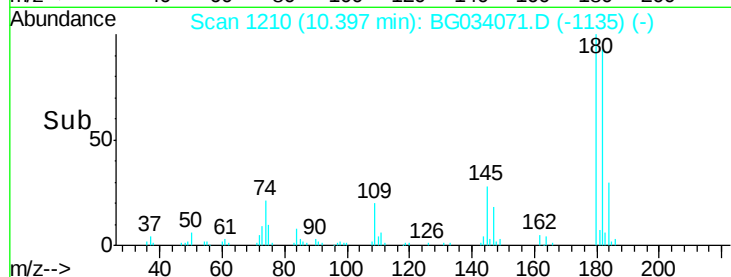
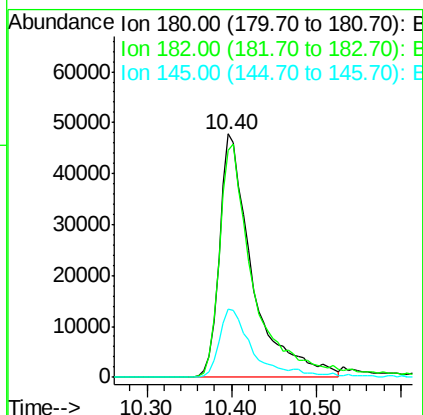
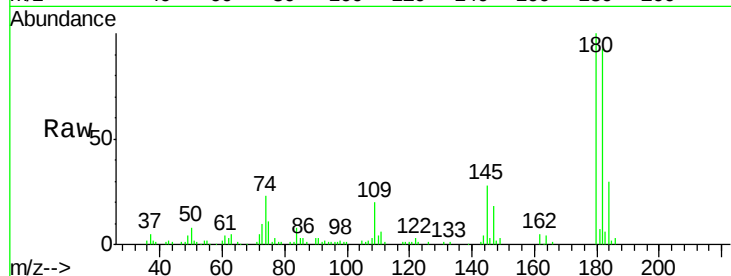




#30
1,2,4-Trichlorobenzene
Concen: 29.18 ng
RT: 10.40 min Scan# 1210
Delta R.T. -0.09 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

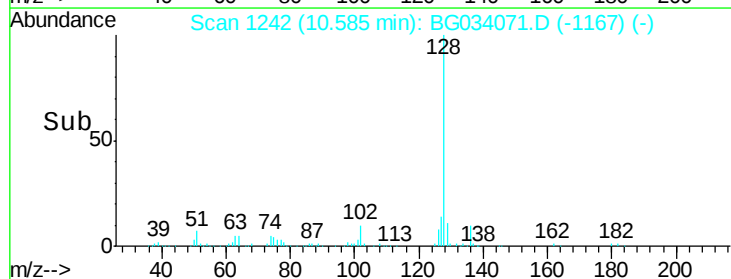
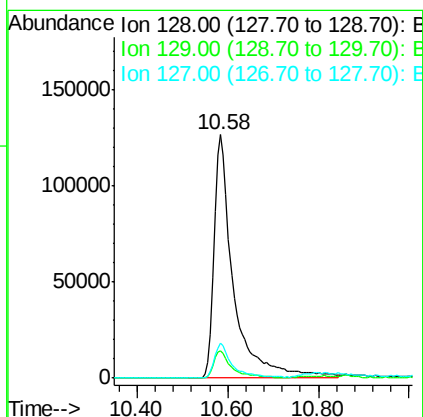
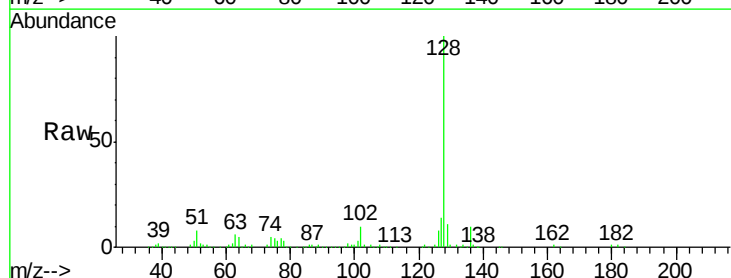
Instrument :
BNA_G
ClientSampleId :

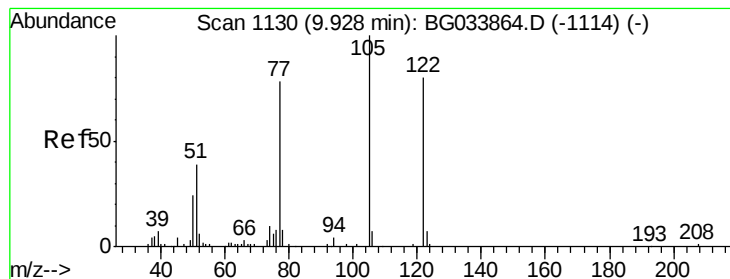
Tot Ion:180 Resp: 128970
Ion Ratio Lower Upper
180 100
182 93.4 77.5 116.3
145 27.9 23.4 35.2



#31
Naphthalene
Concen: 29.57 ng
RT: 10.58 min Scan# 1242
Delta R.T. -0.09 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Tgt Ion:128 Resp: 380400
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 14.2 11.6 17.4





#32

Benzoic acid

Concen: 26.85 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.20 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

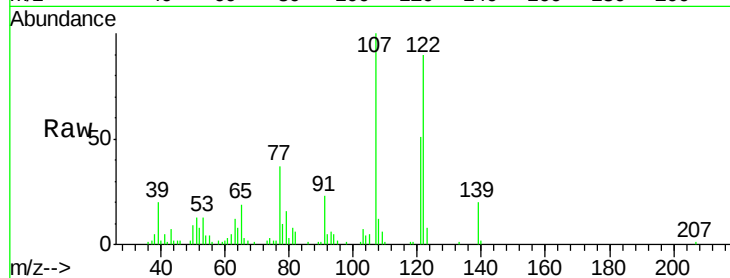
Tot Ion:122 Resp: 85896

Ion Ratio Lower Upper

122 100

105 5.3 123.5 163.5#

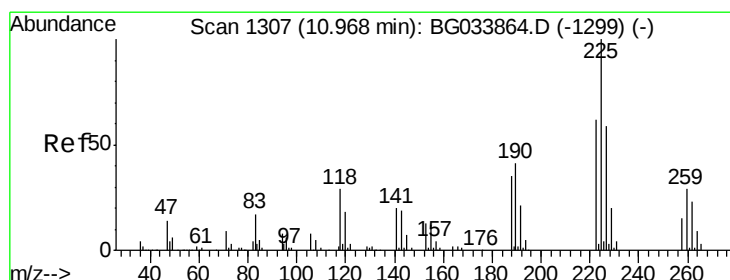
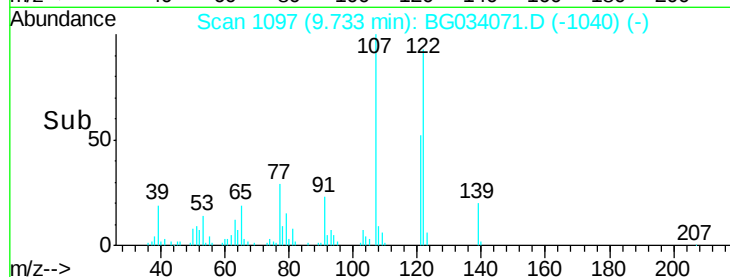
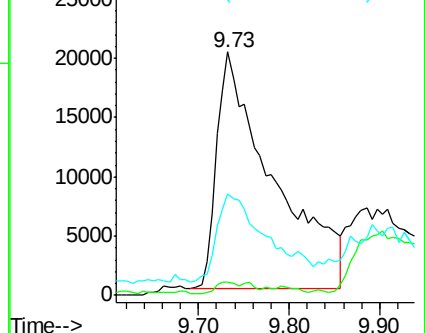
77 41.7 85.7 125.7#



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): E



#34

Hexachlorobutadiene

Concen: 29.00 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.11 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

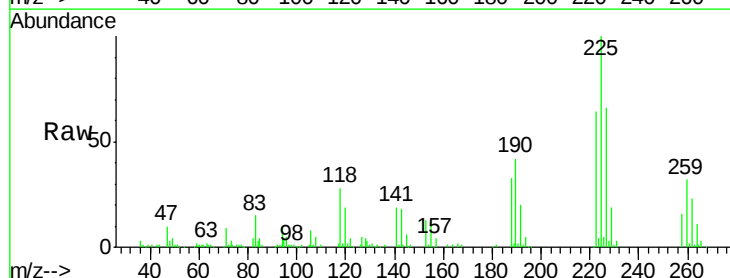
Tgt Ion:225 Resp: 76689

Ion Ratio Lower Upper

225 100

223 65.2 49.7 74.5

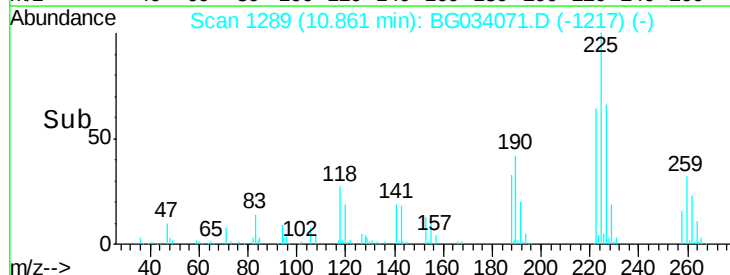
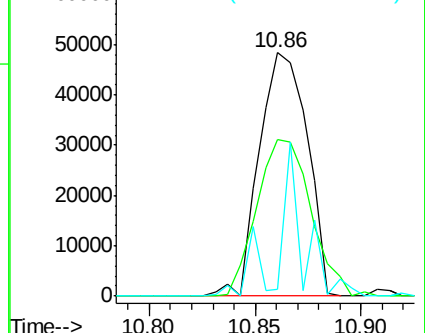
227 2.9 48.1 72.1#

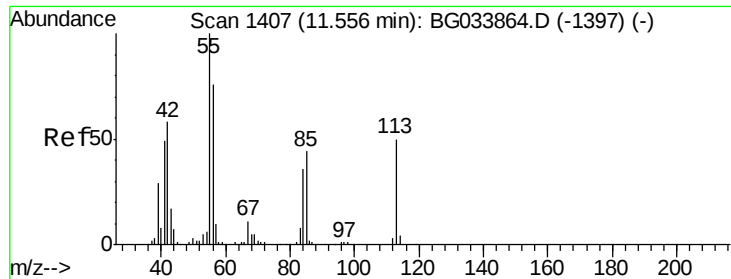


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

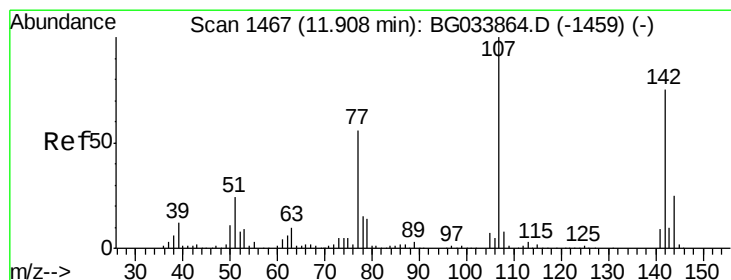
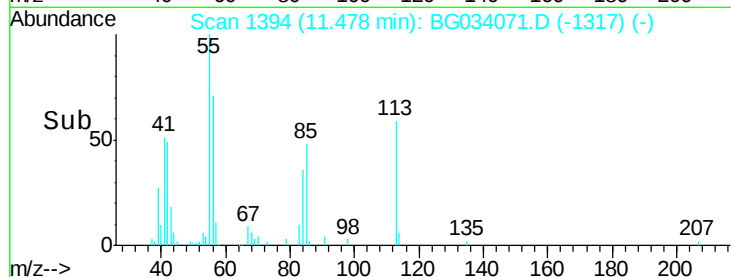
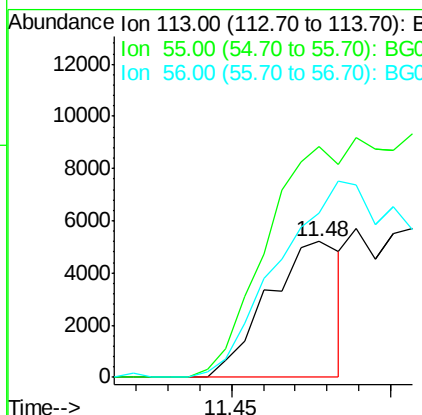
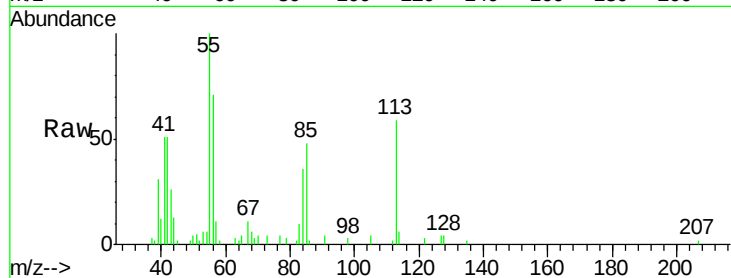




#35
 Caprolactam
 Concen: 4.97 ng
 RT: 11.48 min Scan# 1394
 Delta R.T. -0.08 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

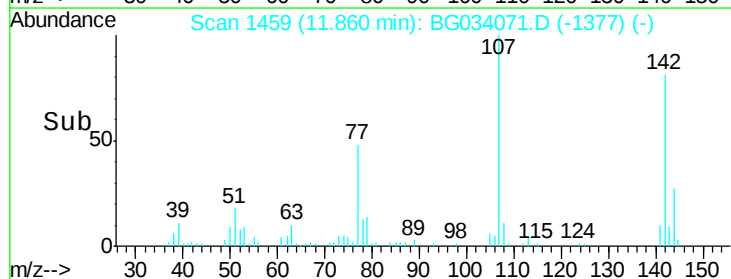
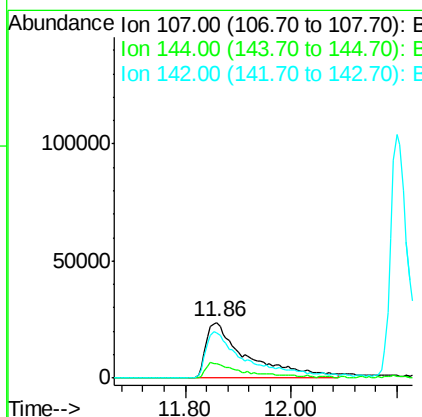
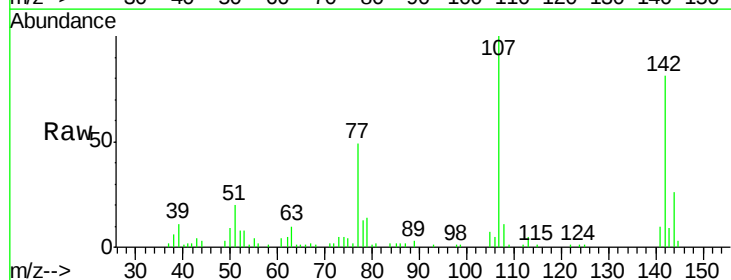
Instrument :
 BNA_G
 ClientSampleId :

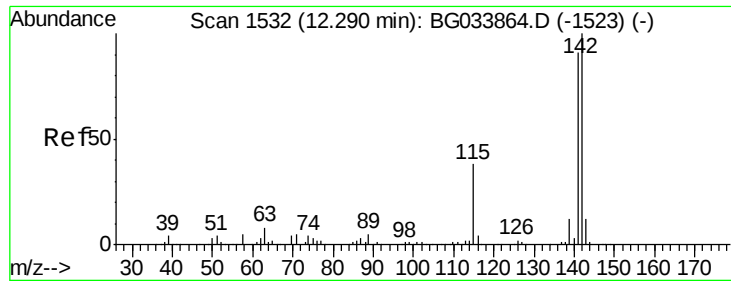
Tot Ion:113 Resp: 8335
 Ion Ratio Lower Upper
 113 100
 55 169.7 186.9 226.9#
 56 120.8 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 26.83 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. -0.05 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

Tgt Ion:107 Resp: 129247
 Ion Ratio Lower Upper
 107 100
 144 26.5 18.2 27.4
 142 80.6 59.0 88.4

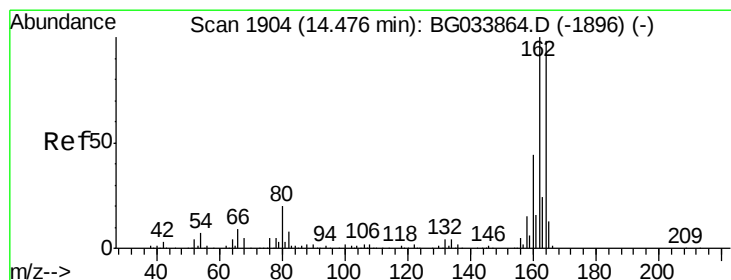
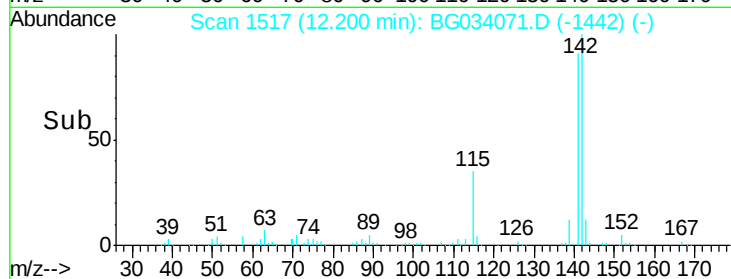
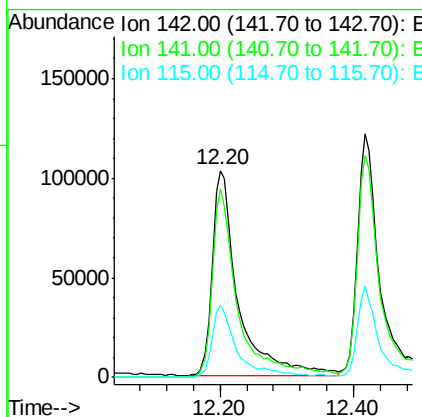
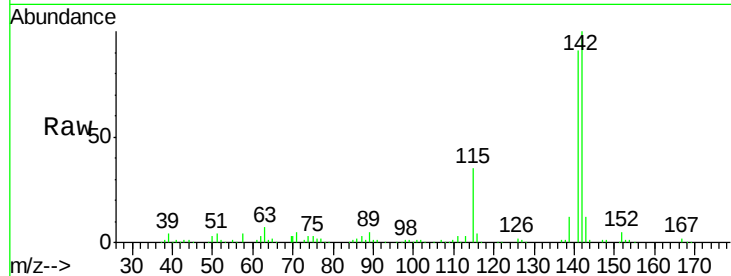




#37
2-Methylnaphthalene
Concen: 28.43 ng
RT: 12.20 min Scan# 1517
Delta R.T. -0.09 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

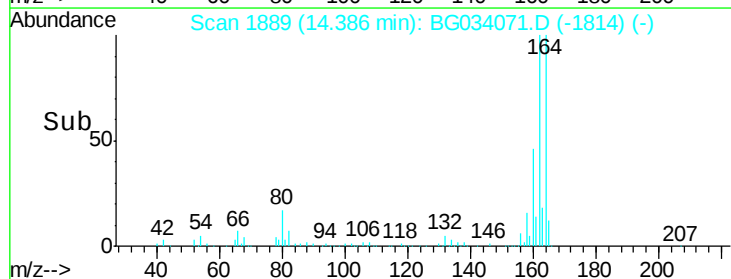
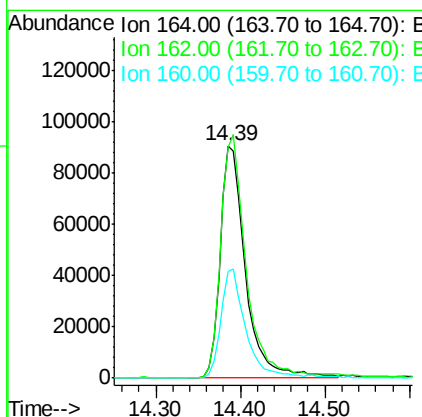
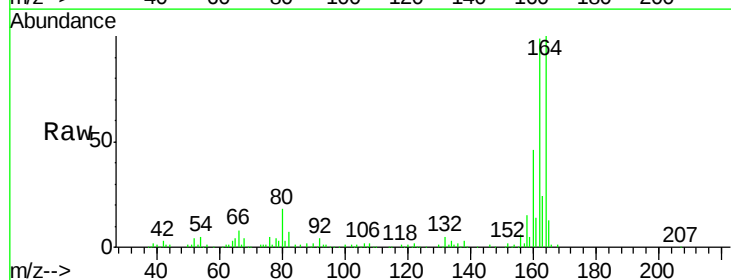
Instrument :
BNA_G
ClientSampleId :

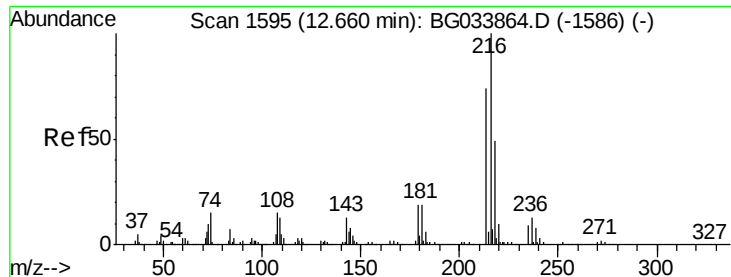
Tot Ion:142 Resp: 279996
Ion Ratio Lower Upper
142 100
141 91.2 67.1 100.7
115 34.6 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.09 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Tgt Ion:164 Resp: 188889
Ion Ratio Lower Upper
164 100
162 99.1 78.8 118.2
160 45.9 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.00 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.09 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 175652

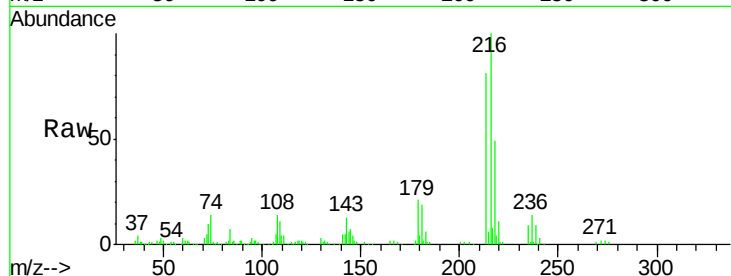
Ion Ratio Lower Upper

216 100

214 75.0 63.0 94.4

179 18.1 17.0 25.6

108 16.1 12.8 19.2

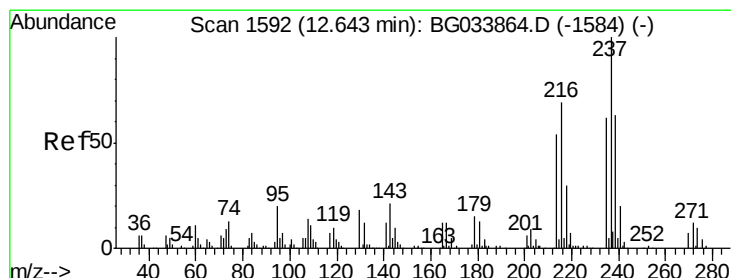
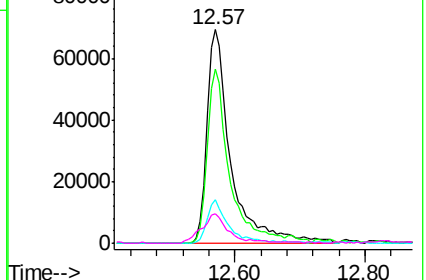
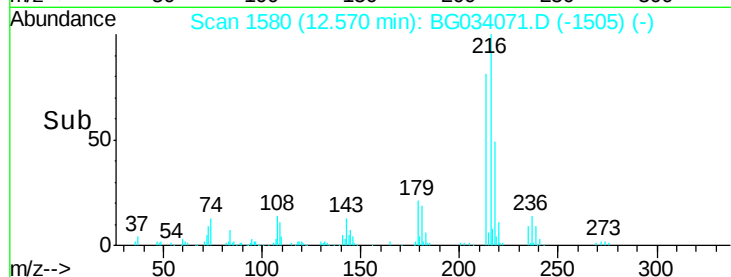


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.77 ng

RT: 12.55 min Scan# 1576

Delta R.T. -0.10 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

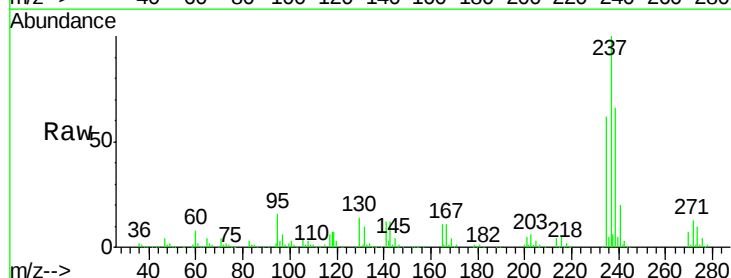
Tgt Ion:237 Resp: 216474

Ion Ratio Lower Upper

237 100

235 62.4 50.4 90.4

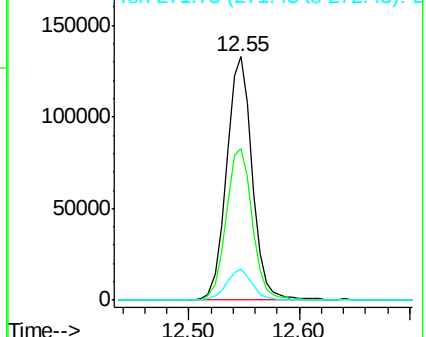
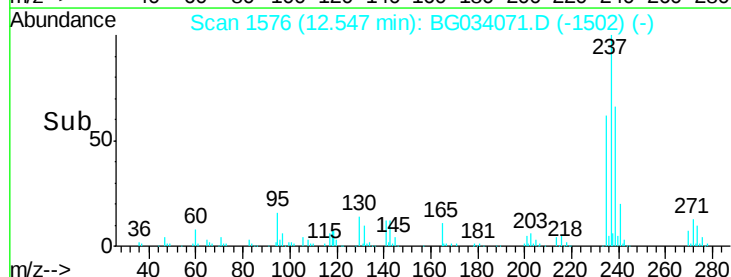
272 12.5 0.0 31.8

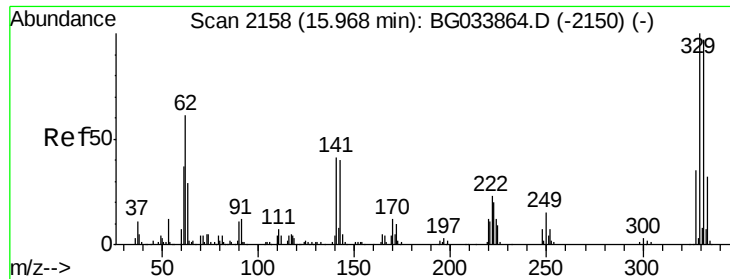


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

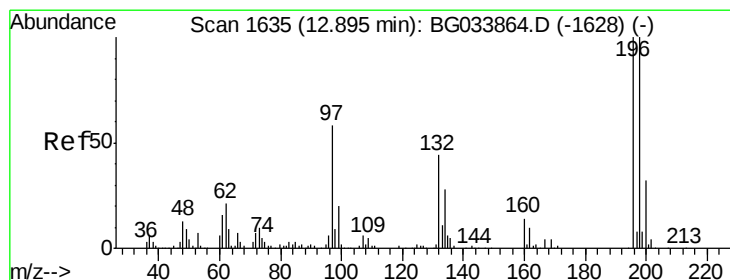
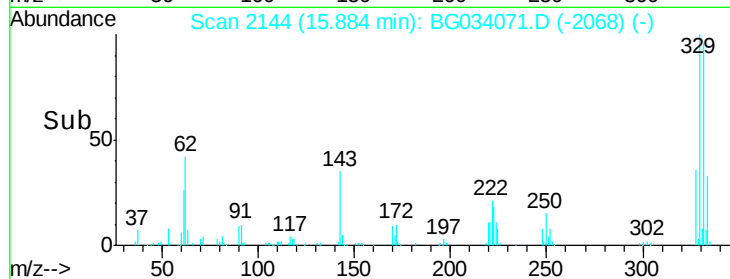
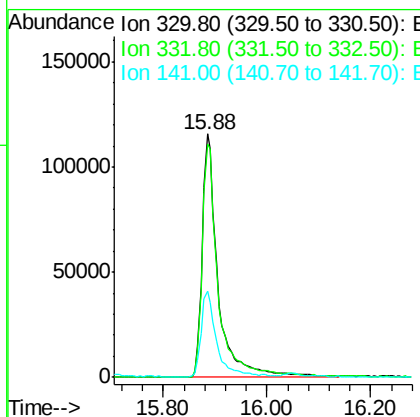
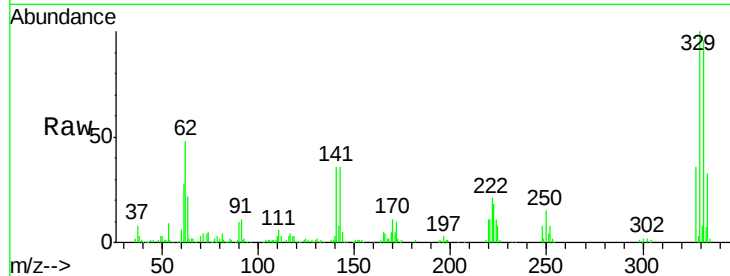




#41
 2,4,6-Tribromophenol
 Concen: 112.94 ng
 RT: 15.88 min Scan# 2144
 Delta R.T. -0.08 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

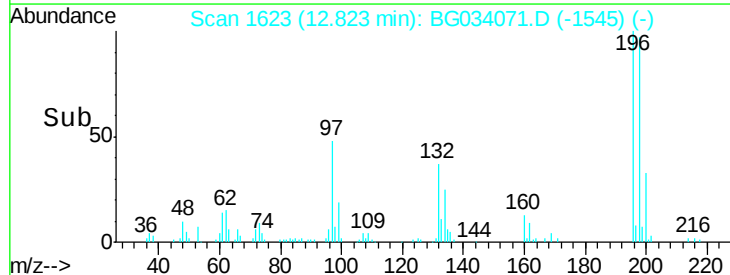
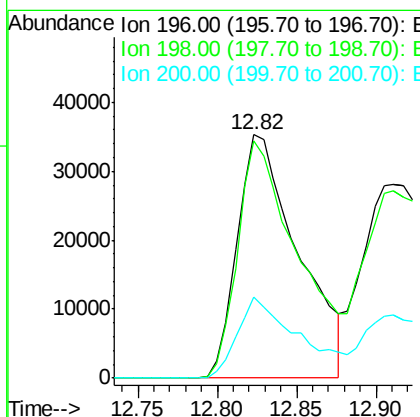
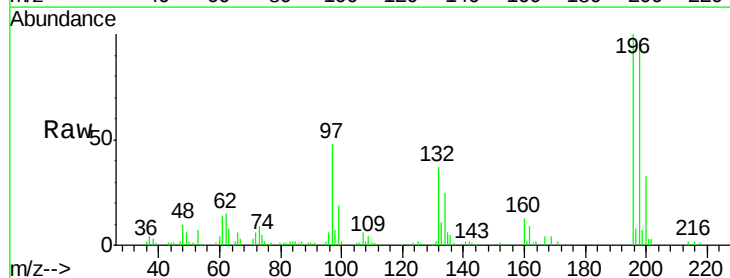
Instrument :
 BNA_G
 ClientSampled :

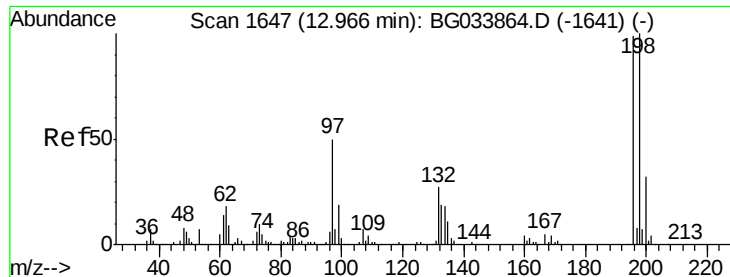
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	34.3	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 24.59 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.07 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.9	78.2	117.2
200	33.3	24.6	36.8

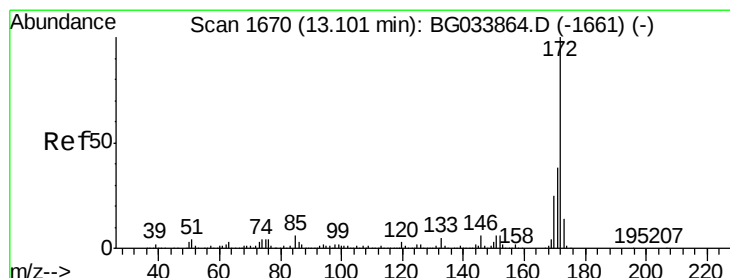
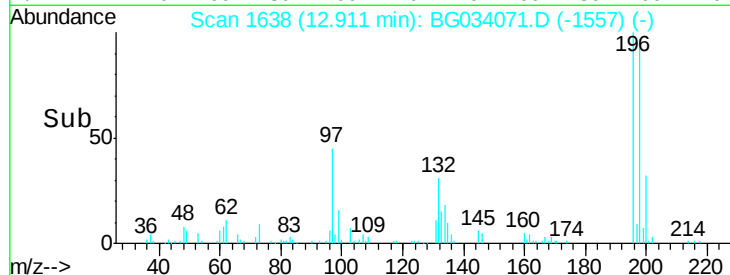
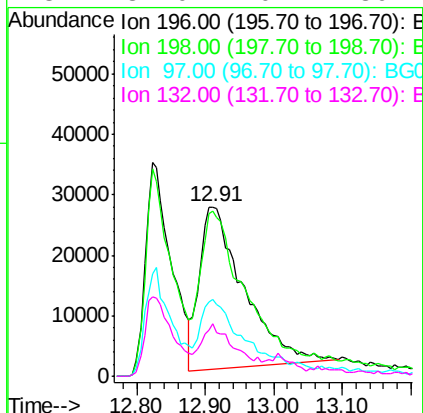
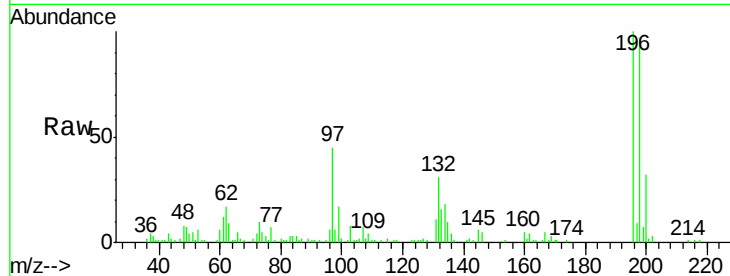




#43
 2,4,5-Trichlorophenol
 Concen: 27.76 ng
 RT: 12.91 min Scan# 1638
 Delta R.T. -0.05 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

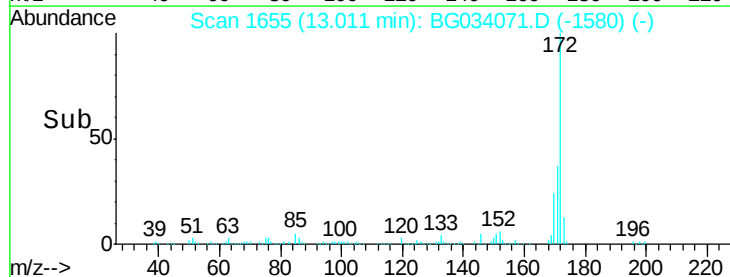
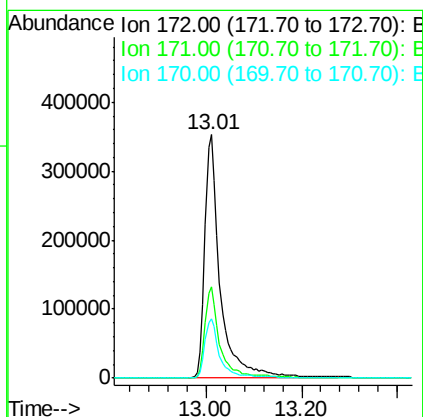
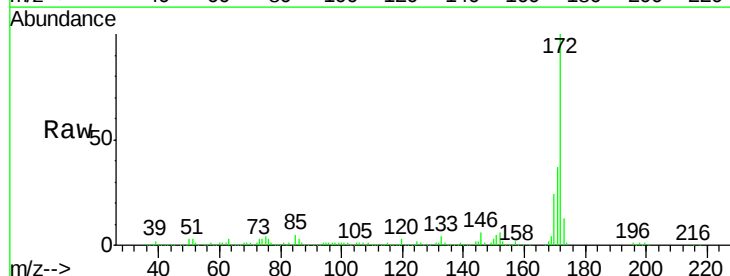
Instrument :
 BNA_G
 ClientSampled :

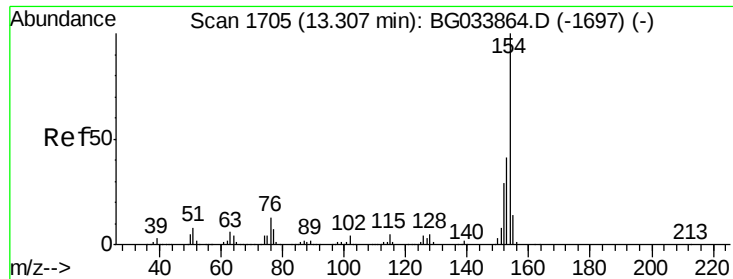
Tot Ion	196	Resp	122033
Ion Ratio	Lower	Upper	
196	100		
198	97.1	76.2	114.4
97	45.2	38.7	58.1
132	31.0	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 62.10 ng
 RT: 13.01 min Scan# 1655
 Delta R.T. -0.09 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

Tgt Ion	172	Resp	798467
Ion Ratio	Lower	Upper	
172	100		
171	37.4	30.0	45.0
170	24.3	19.5	29.3

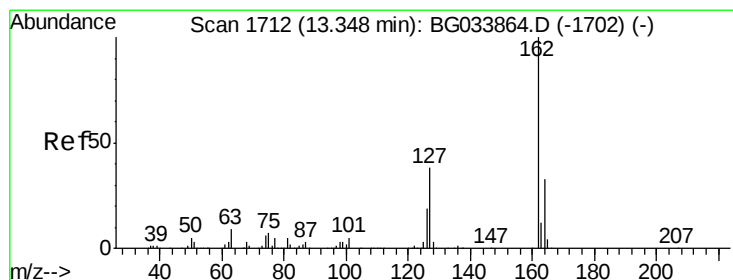
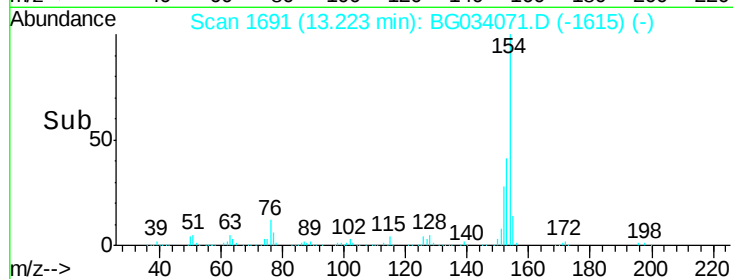
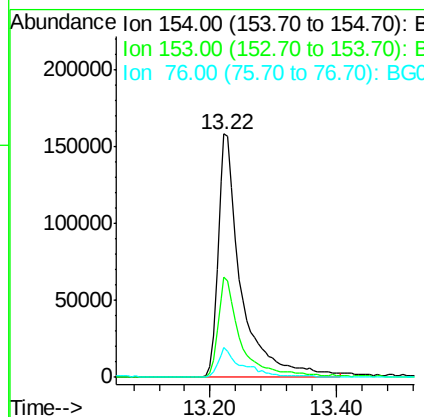
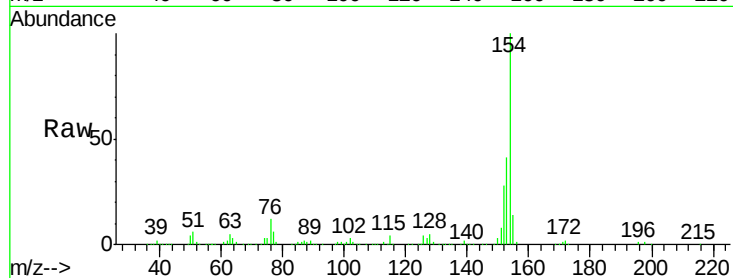




#45
 1,1'-Biphenyl
 Concen: 26.56 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.08 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

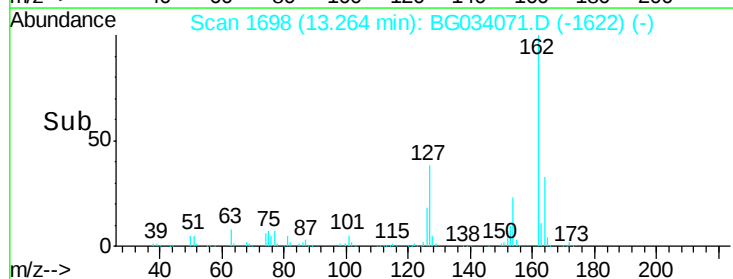
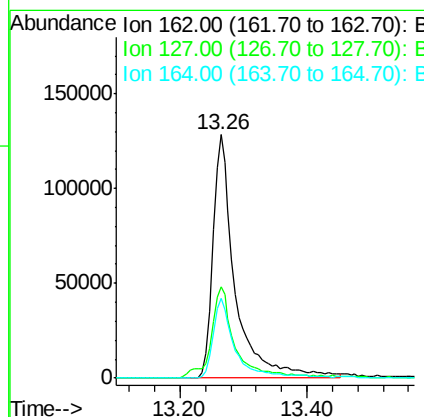
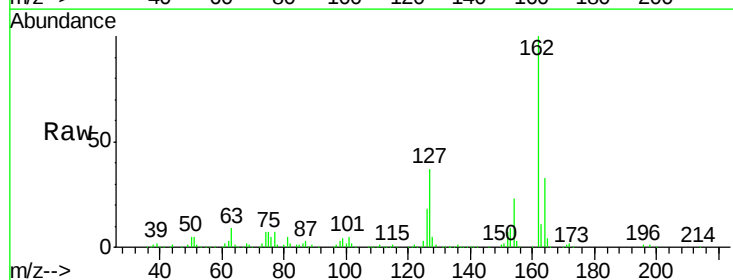
Instrument :
 BNA_G
 ClientSampleId :

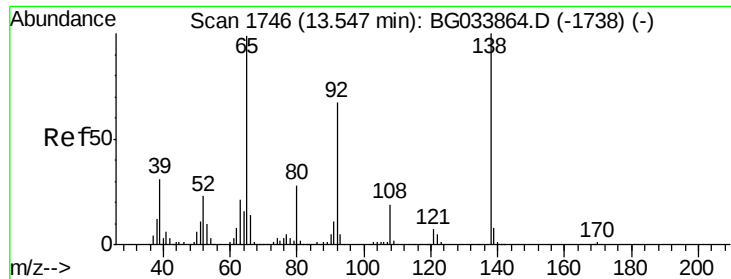
Tot Ion:154 Resp: 406052
 Ion Ratio Lower Upper
 154 100
 153 41.4 19.8 59.8
 76 12.2 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 27.33 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. -0.08 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

Tgt Ion:162 Resp: 316903
 Ion Ratio Lower Upper
 162 100
 127 37.3 30.7 46.1
 164 33.0 26.0 39.0





#47

2-Nitroaniline

Concen: 21.76 ng

RT: 13.50 min Scan# 1738

Delta R.T. -0.05 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

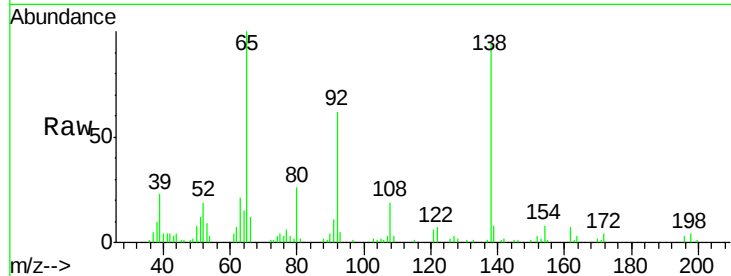
Tot Ion: 65 Resp: 78764

Ion Ratio Lower Upper

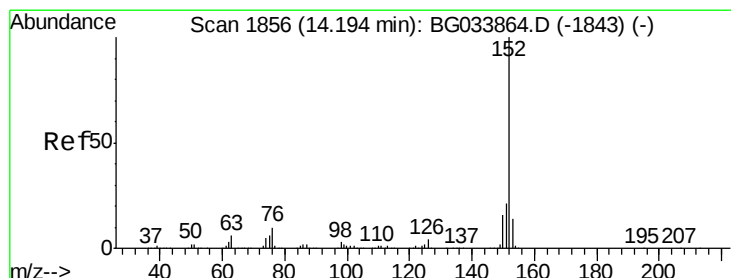
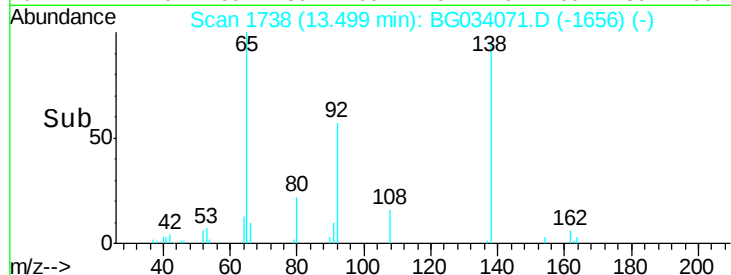
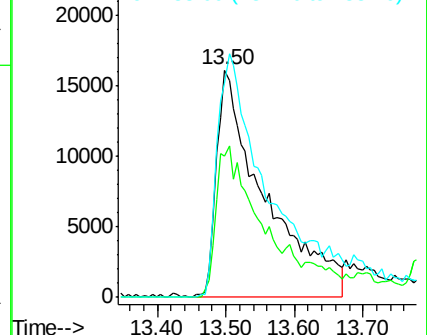
65 100

92 61.9 54.6 82.0

138 94.3 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: 27.79 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.08 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

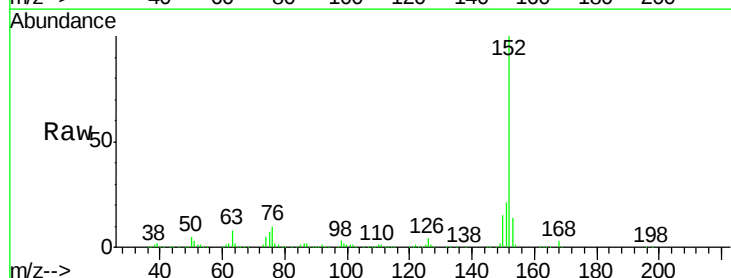
Tgt Ion:152 Resp: 535639

Ion Ratio Lower Upper

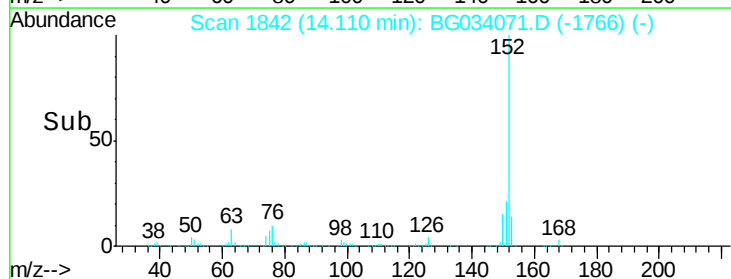
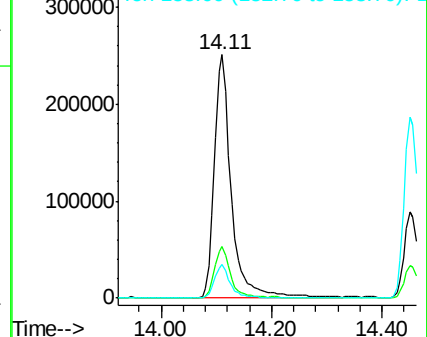
152 100

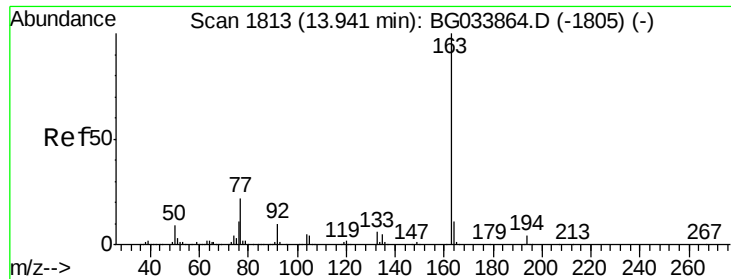
151 21.2 17.2 25.8

153 13.8 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

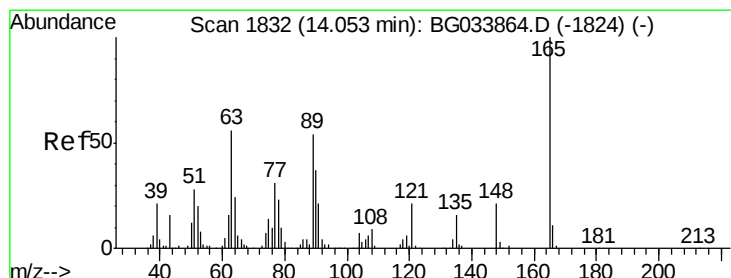
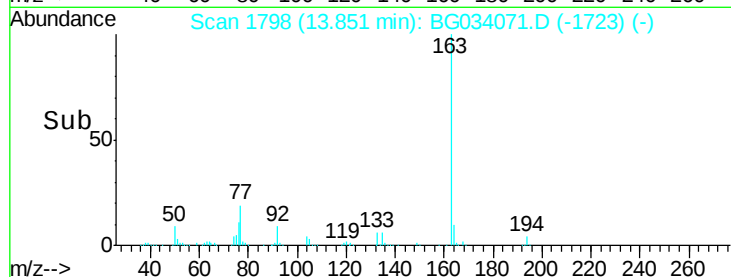
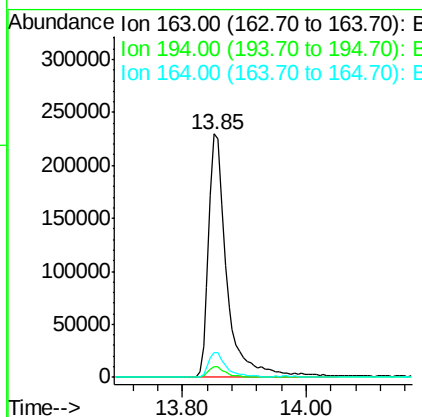
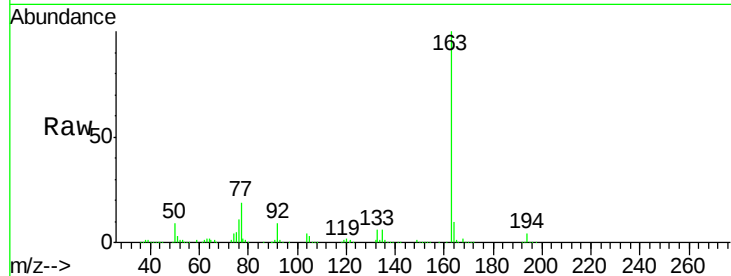




#49
Dimethylphthalate
Concen: 28.34 ng
RT: 13.85 min Scan# 1798
Delta R.T. -0.09 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

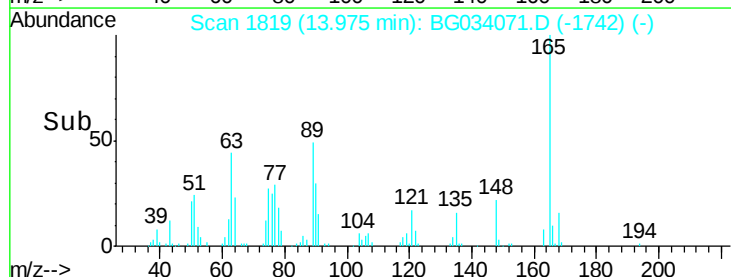
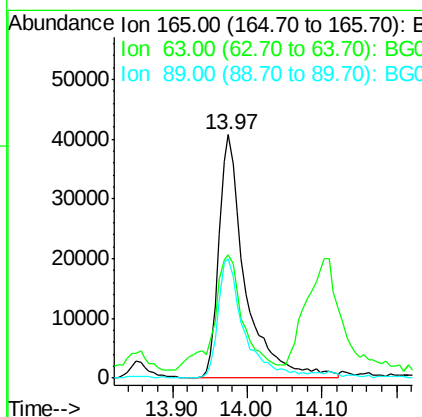
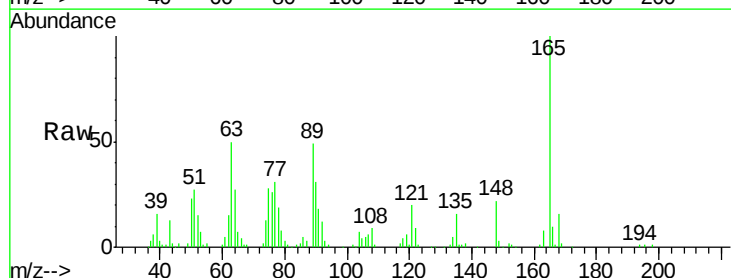
Instrument :
BNA_G
ClientSampleId :

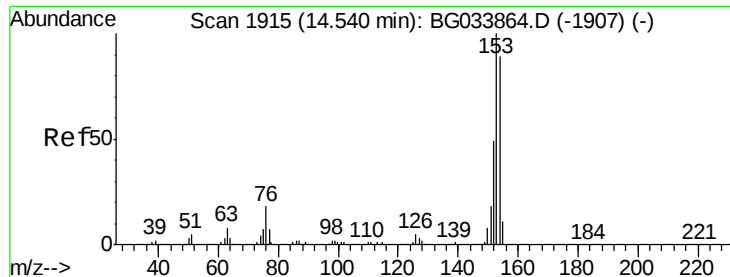
Tot Ion:163 Resp: 470845
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 31.75 ng
RT: 13.97 min Scan# 1819
Delta R.T. -0.08 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Tgt Ion:165 Resp: 99965
Ion Ratio Lower Upper
165 100
63 50.4 52.7 79.1#
89 49.1 49.2 73.8#





#51

Acenaphthene

Concen: 25.61 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.09 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

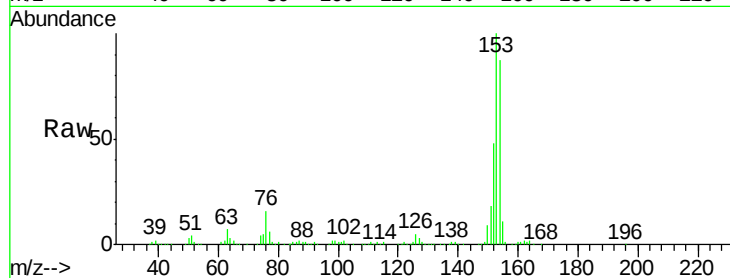
Tot Ion:154 Resp: 309990

Ion Ratio Lower Upper

154 100

153 114.9 90.4 135.6

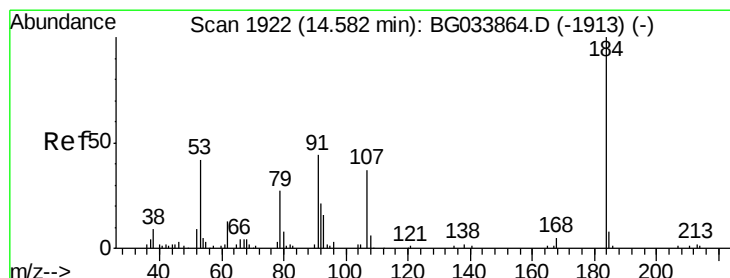
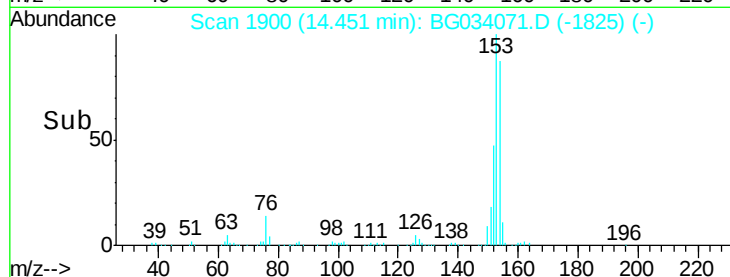
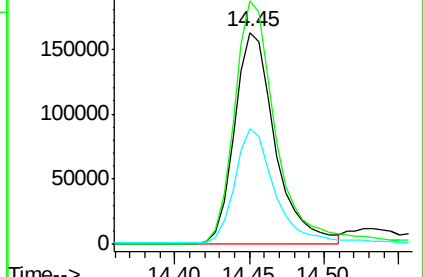
152 54.9 41.6 62.4



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



#53

2,4-Dinitrophenol

Concen: 49.22 ng

RT: 14.53 min Scan# 1913

Delta R.T. -0.05 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

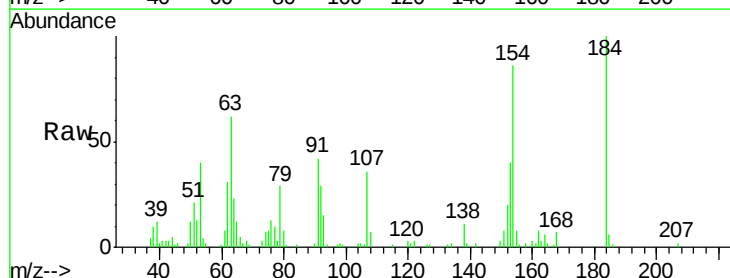
Tgt Ion:184 Resp: 55425

Ion Ratio Lower Upper

184 100

63 62.1 59.8 89.8

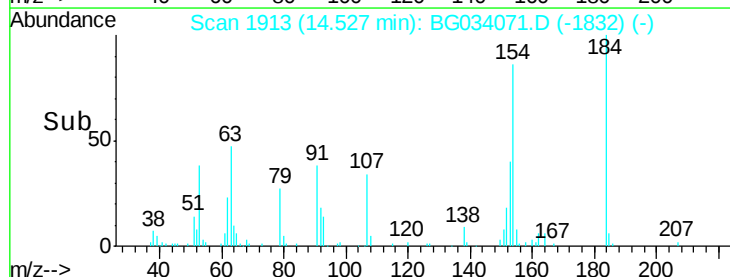
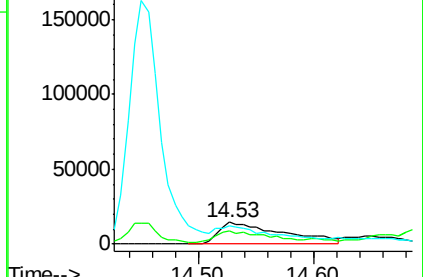
154 86.3 101.8 152.8#

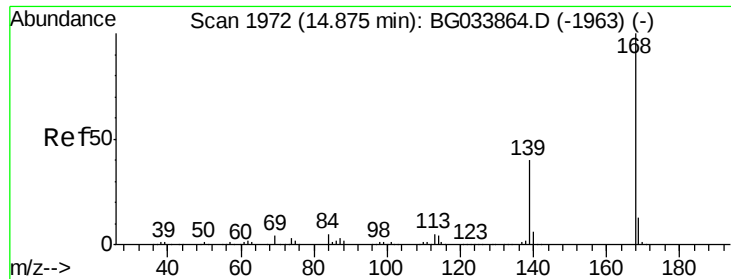


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 29.39 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.08 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

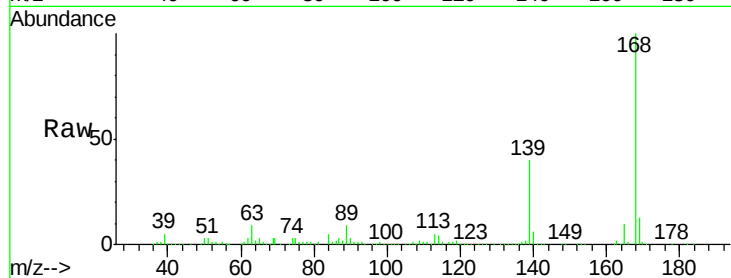
Tot Ion:168 Resp: 527431

Ion Ratio Lower Upper

168 100

139 40.4 28.6 43.0

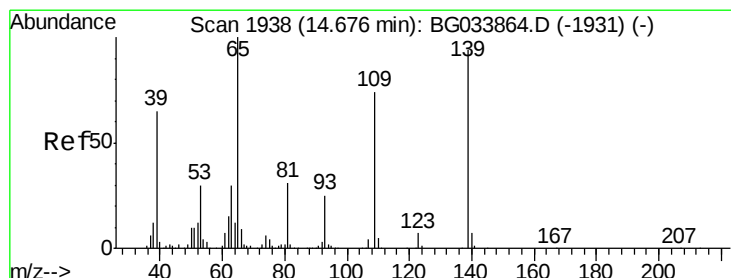
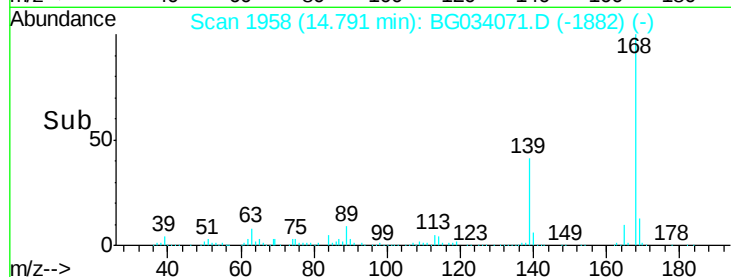
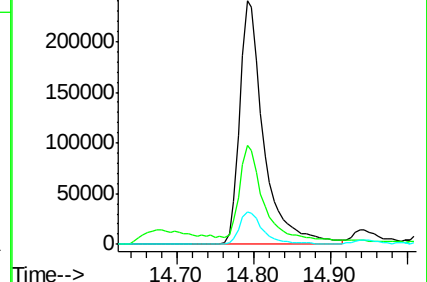
169 13.4 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 25.55 ng

RT: 14.68 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

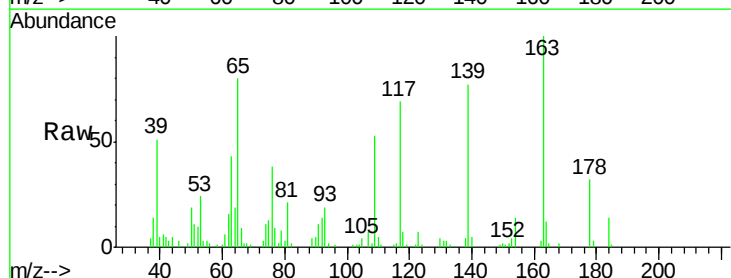
Tgt Ion:139 Resp: 68509

Ion Ratio Lower Upper

139 100

109 68.6 62.2 102.2

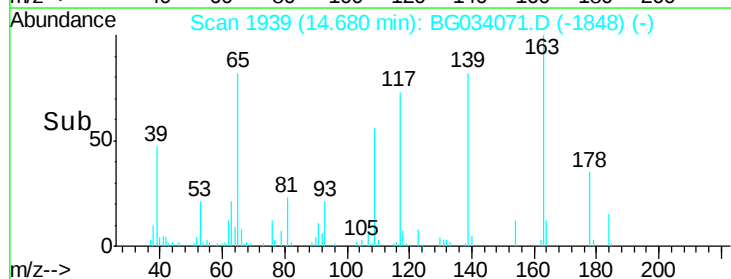
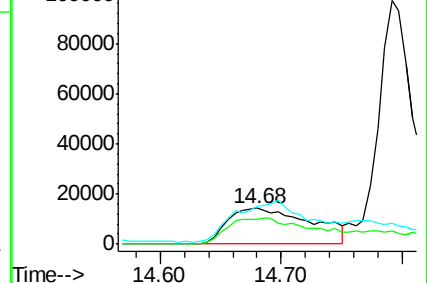
65 104.0 97.2 137.2

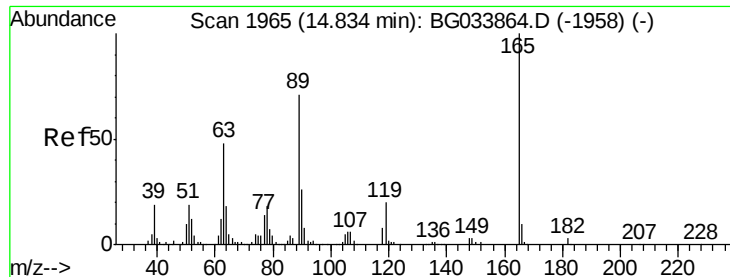


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

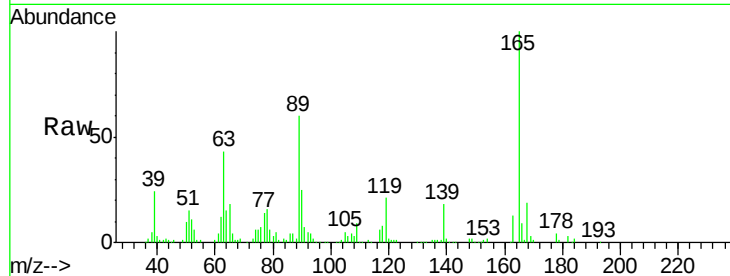




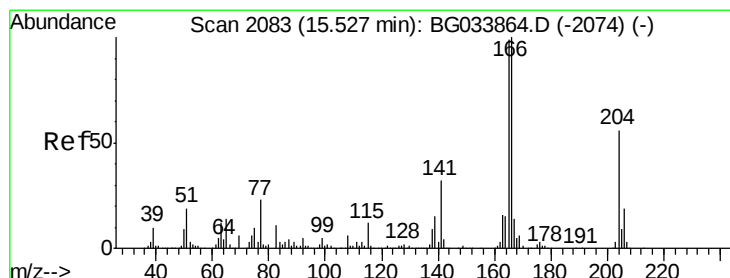
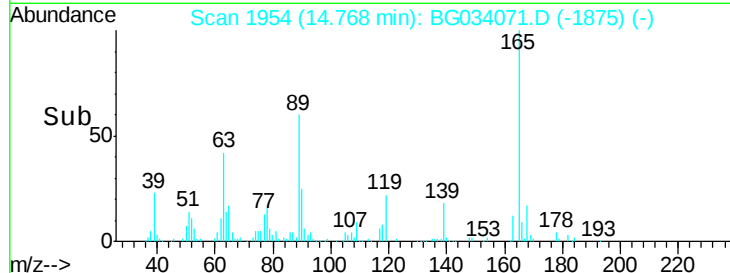
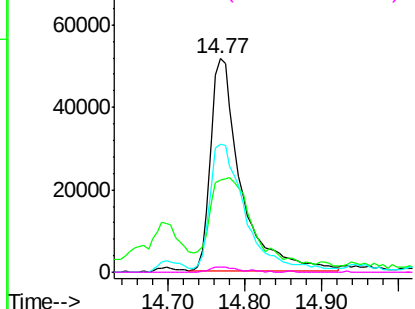
#56
2,4-Dinitrotoluene
Concen: 33.18 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.07 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	138953
Ion Ratio	Lower	Upper
165	100	
63	43.4	42.0 63.0
89	60.0	66.9 100.3
182	2.6	2.6 3.8

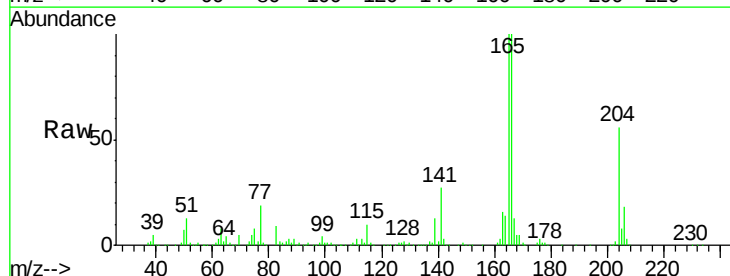


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

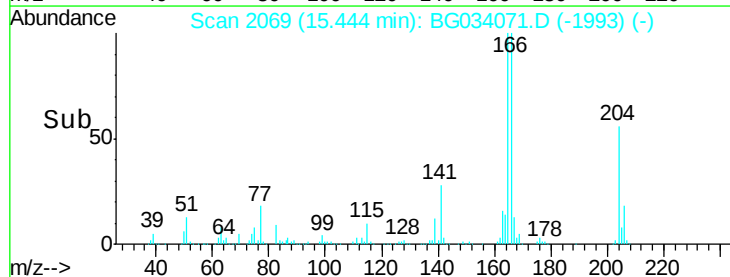
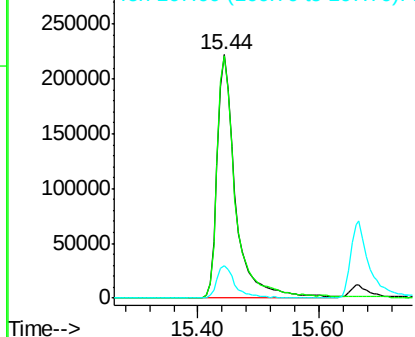


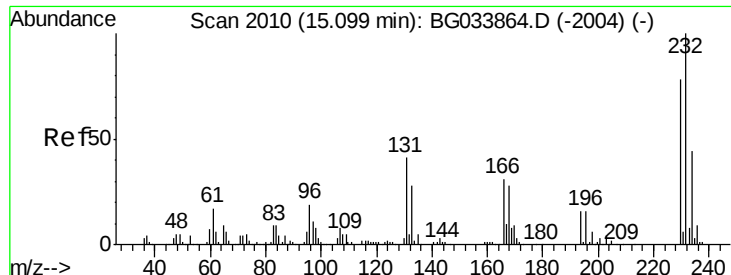
#57
Fluorene
Concen: 30.09 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.08 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Tgt Ion:166	Resp:	467348
Ion Ratio	Lower	Upper
166	100	
165	99.5	80.6 121.0
167	13.5	10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

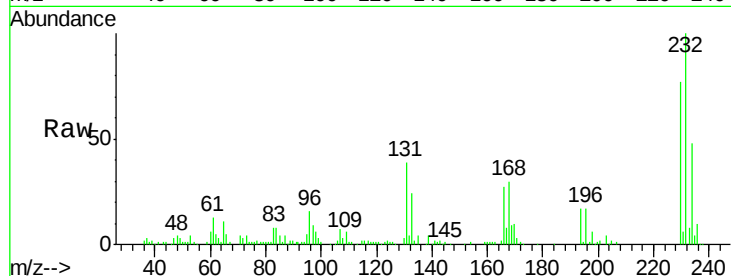




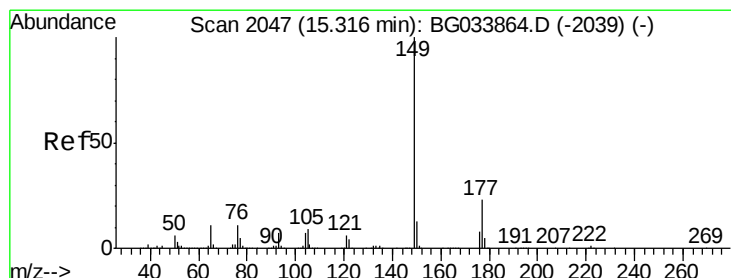
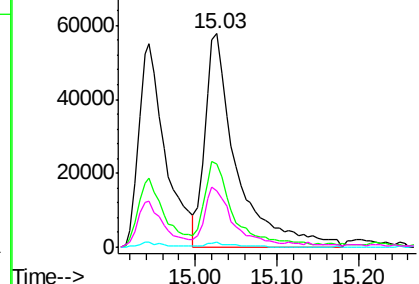
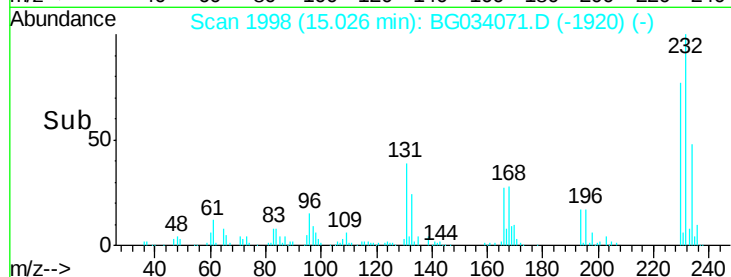
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.53 ng
 RT: 15.03 min Scan# 1998
 Delta R.T. -0.07 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 155110
 Ion Ratio Lower Upper
 232 100
 131 34.7 33.5 50.3
 130 2.1 2.2 3.2#
 166 23.2 24.8 37.2#

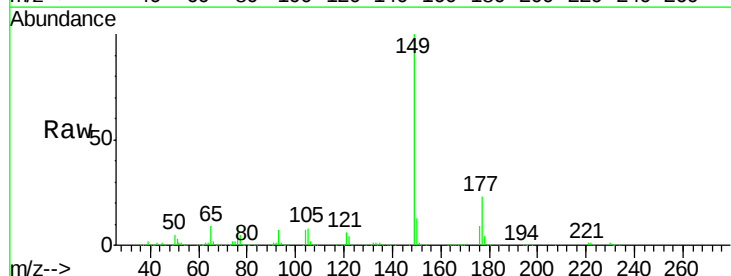


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

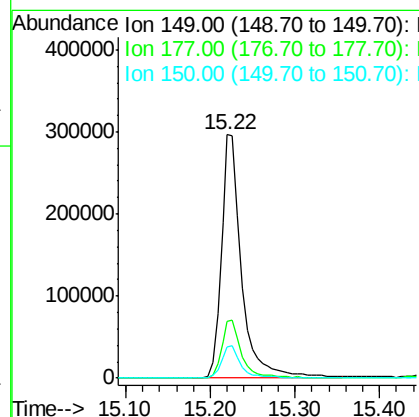
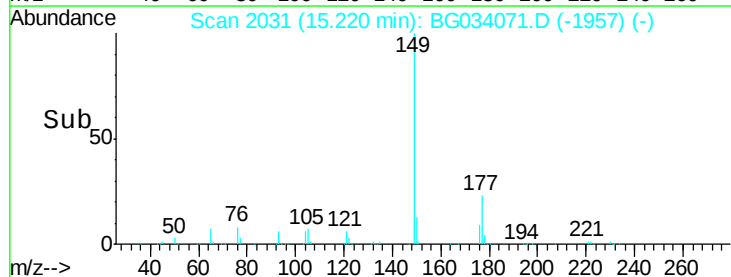


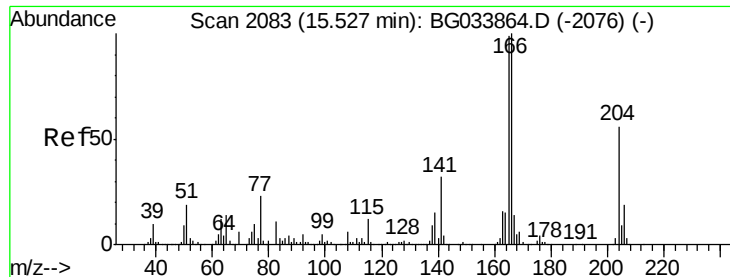
#59
 Diethylphthalate
 Concen: 28.41 ng
 RT: 15.22 min Scan# 2031
 Delta R.T. -0.10 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

Tgt Ion:149 Resp: 499039
 Ion Ratio Lower Upper
 149 100
 177 23.2 18.5 27.7
 150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 30.64 ng

RT: 15.44 min Scan# 2069

Delta R.T. -0.08 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

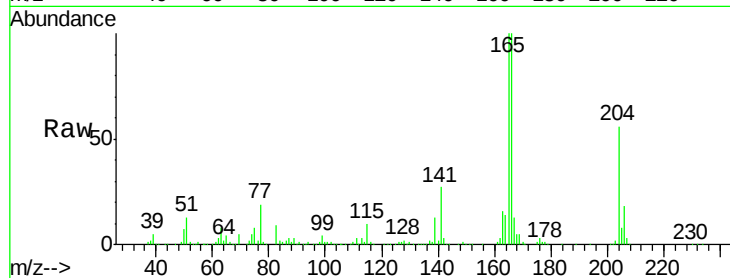
Tot Ion:204 Resp: 248938

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

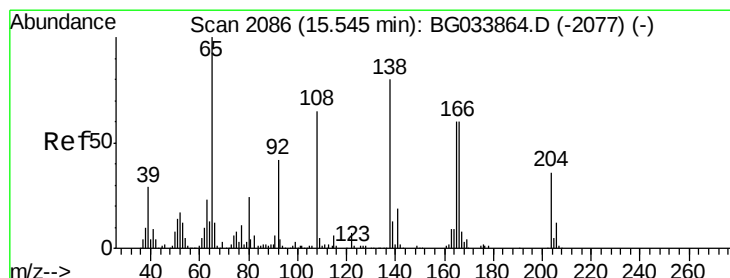
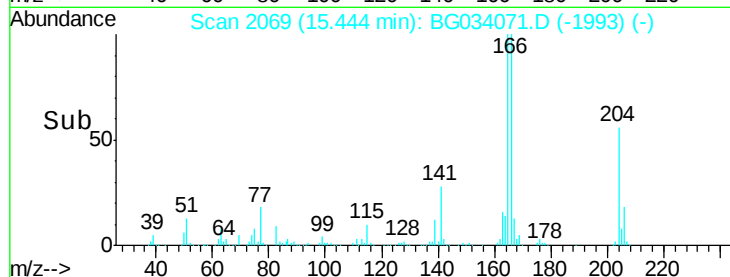
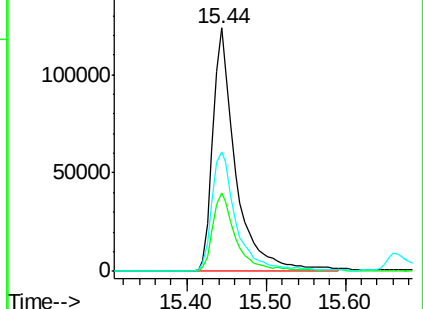
141 49.3 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 4.52 ng

RT: 15.52 min Scan# 2082

Delta R.T. -0.03 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

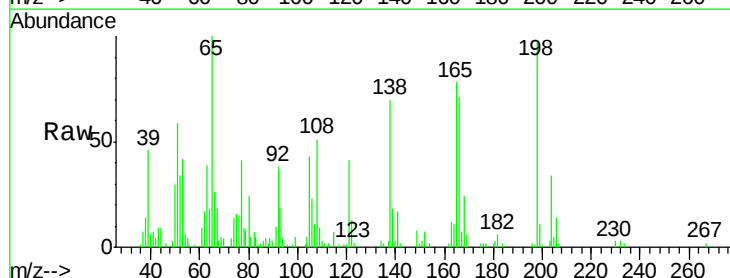
Tgt Ion:138 Resp: 16395

Ion Ratio Lower Upper

138 100

92 54.0 40.1 80.1

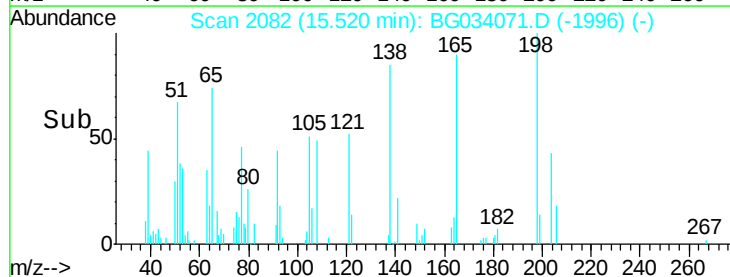
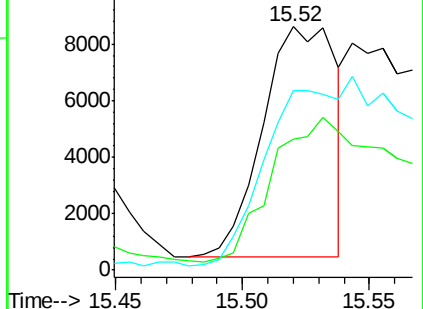
108 73.7 65.4 105.4

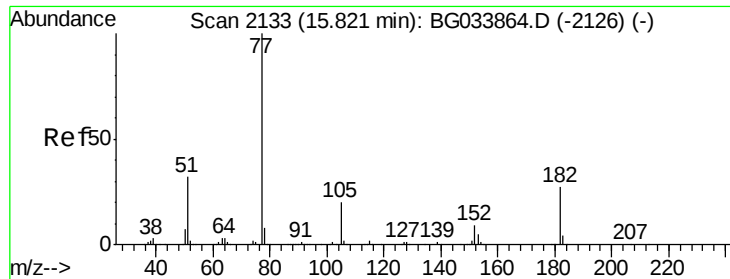


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 24.66 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.08 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 386131

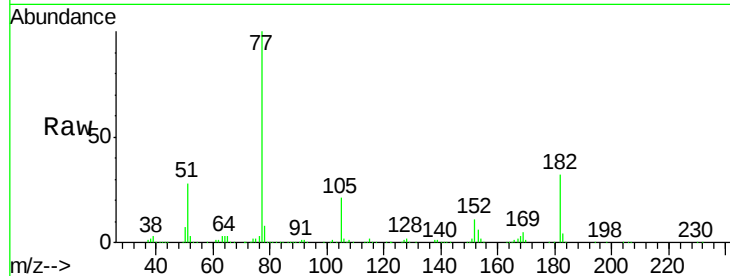
Ion Ratio Lower Upper

77 100

182 32.1 7.4 47.4

105 21.4 0.3 40.3

51 28.3 11.6 51.6

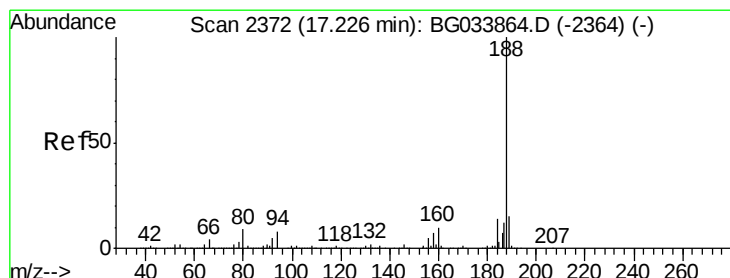
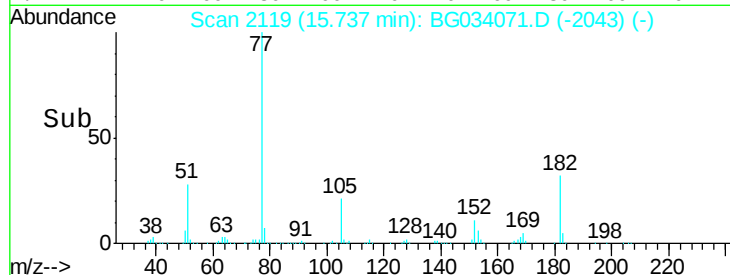
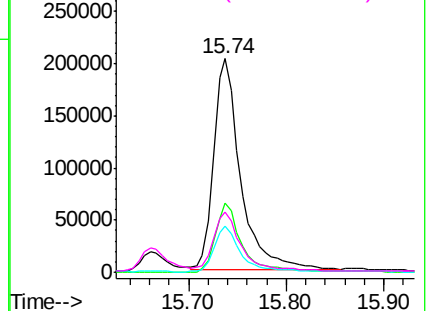


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.14 min Scan# 2358

Delta R.T. -0.08 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

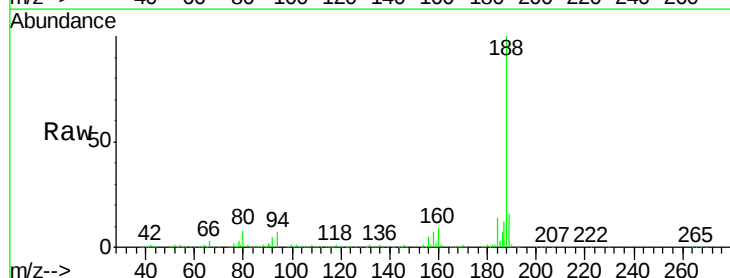
Tgt Ion: 188 Resp: 532753

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

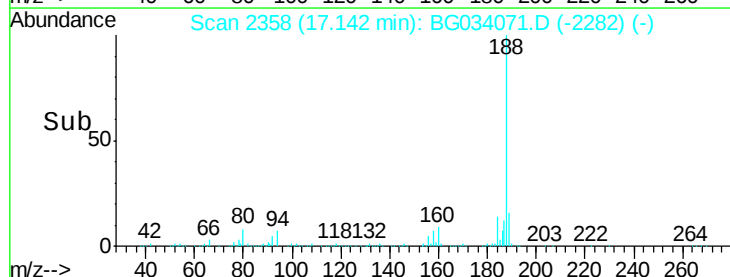
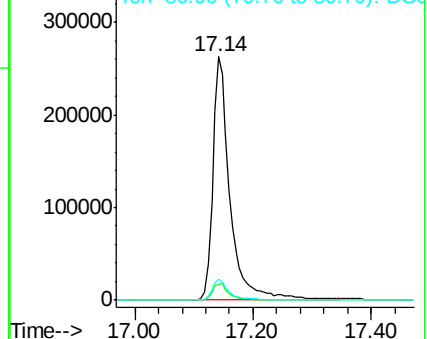
80 8.4 7.7 11.5

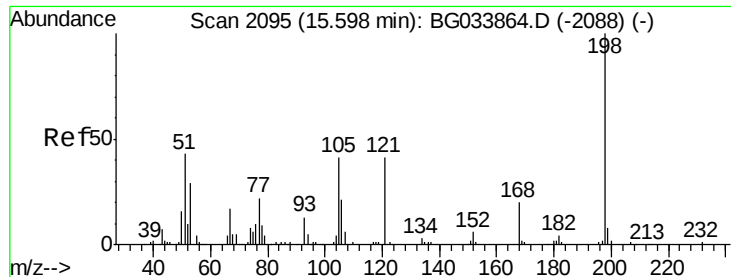


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

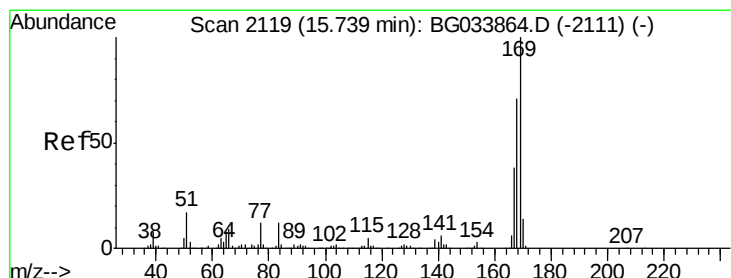
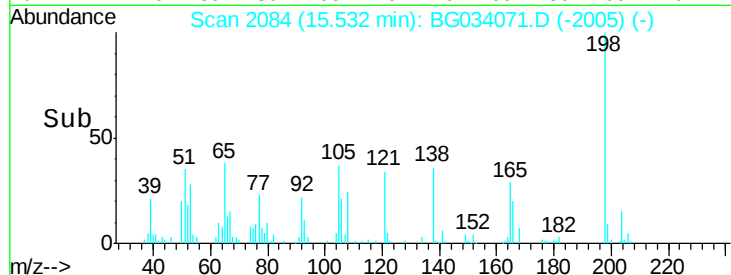
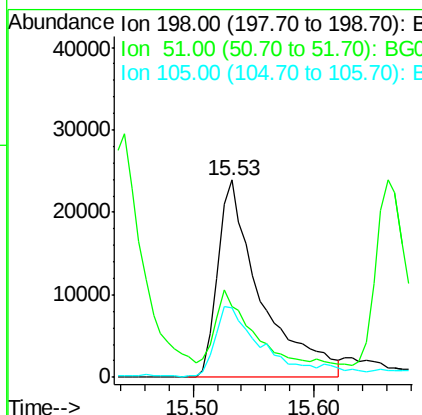
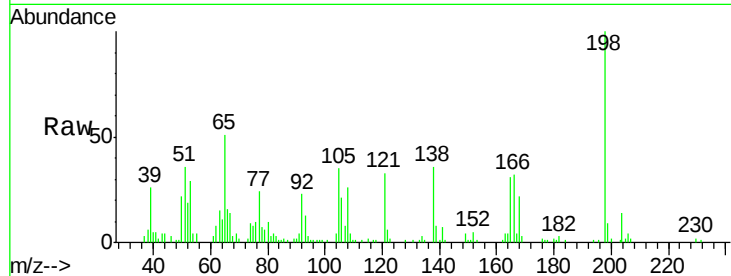




#64
 4,6-Dinitro-2-methylphenol
 Concen: 26.31 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.07 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

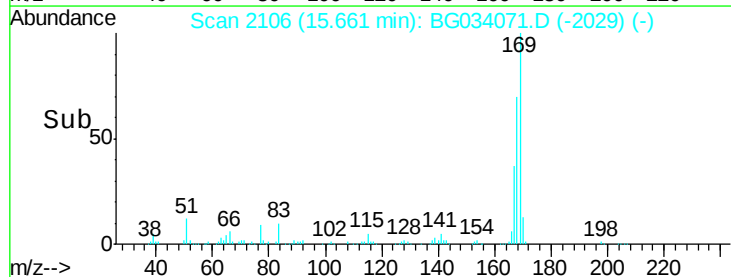
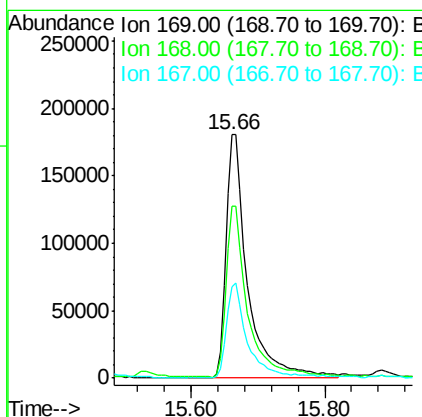
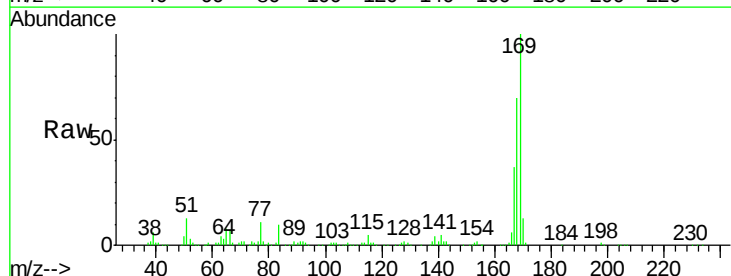
Instrument :
 BNA_G
 ClientSampleId :

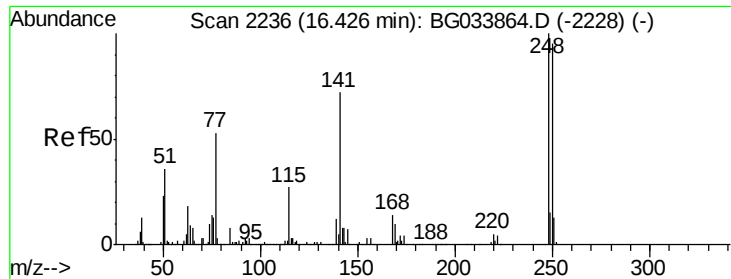
Tot Ion:198 Resp: 58785
 Ion Ratio Lower Upper
 198 100
 51 35.7 30.6 70.6
 105 35.4 23.8 63.8



#65
 n-Nitrosodiphenylamine
 Concen: 26.43 ng
 RT: 15.66 min Scan# 2106
 Delta R.T. -0.08 min
 Lab File: BG034071.D
 Acq: 28 Apr 2018 12:44

Tgt Ion:169 Resp: 409410
 Ion Ratio Lower Upper
 169 100
 168 70.4 55.7 83.5
 167 37.3 30.1 45.1

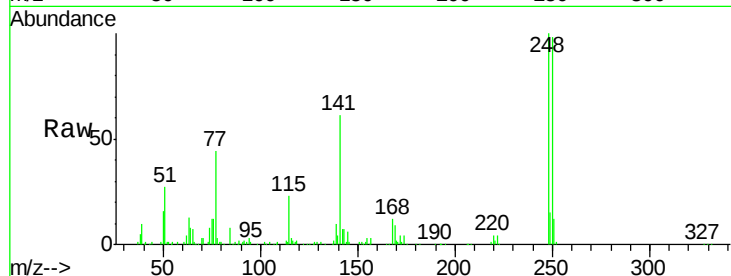




#66
4-Bromophenyl-phenylether
Concen: 26.40 ng
RT: 16.34 min Scan# 2222
Delta R.T. -0.08 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Instrument :
BNA_G
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.1	115.7
141	61.4	50.8	76.2

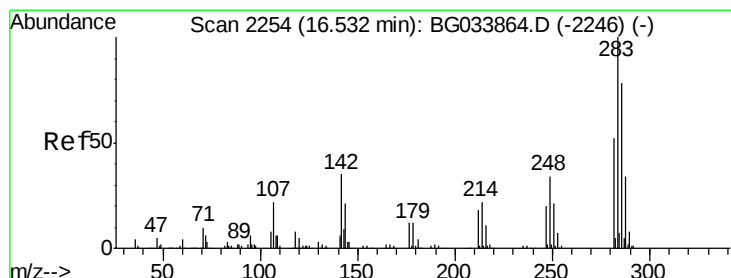
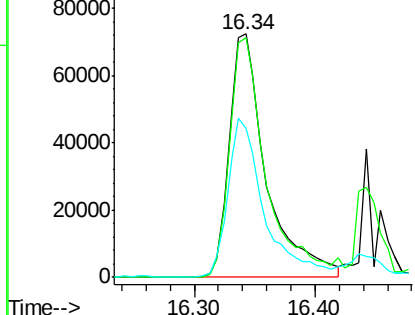
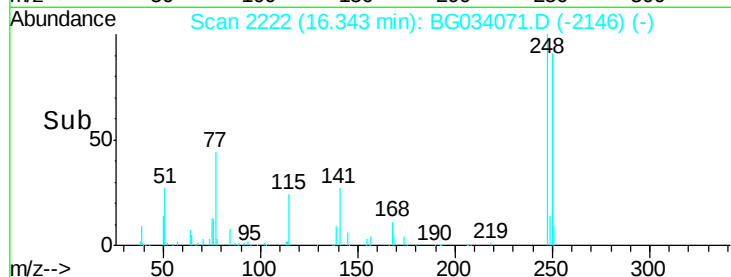


Abundance

Ion 248.00 (247.70 to 248.70): E

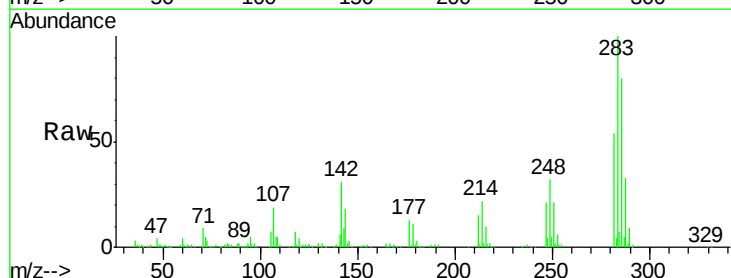
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67
Hexachlorobenzene
Concen: 27.78 ng
RT: 16.44 min Scan# 2239
Delta R.T. -0.09 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	26.8	40.2
249	4.7	26.3	39.5

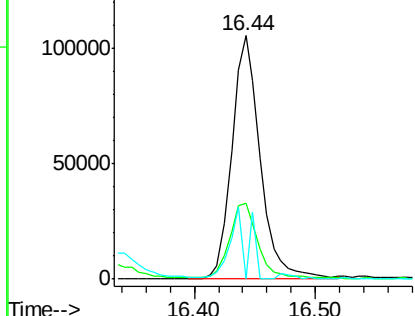
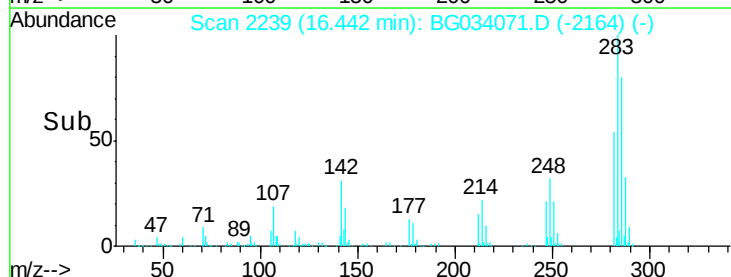


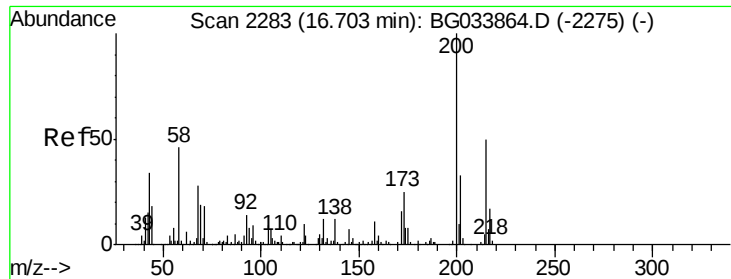
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

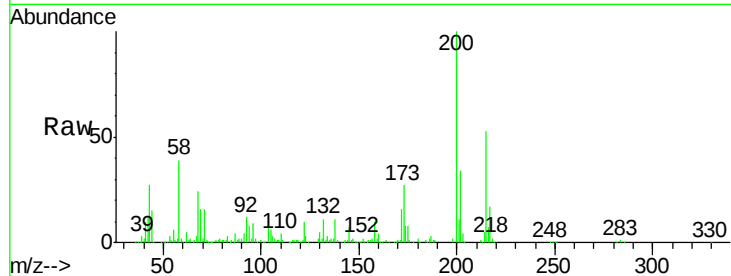




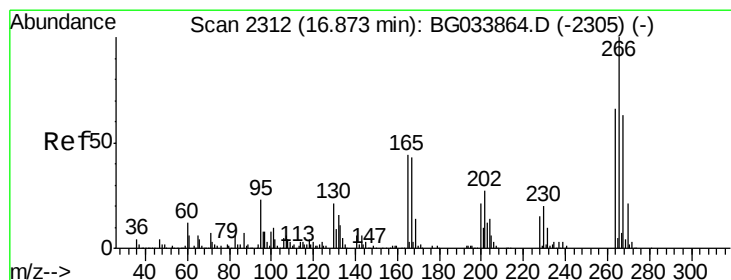
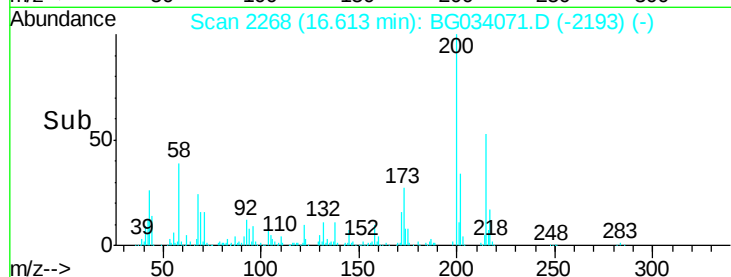
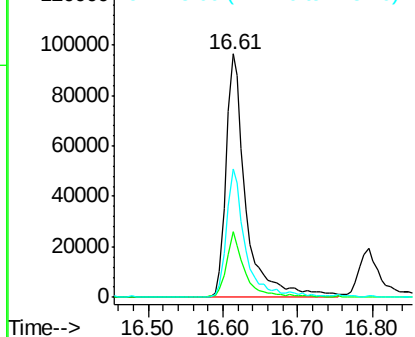
#68
Atrazine
Concen: 29.54 ng
RT: 16.61 min Scan# 2268
Delta R.T. -0.09 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	5.2	45.2
215	52.5	30.4	70.4

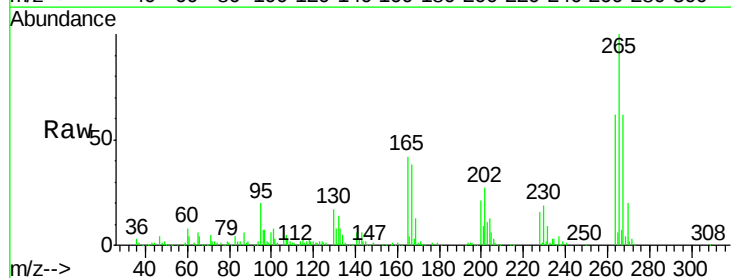


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

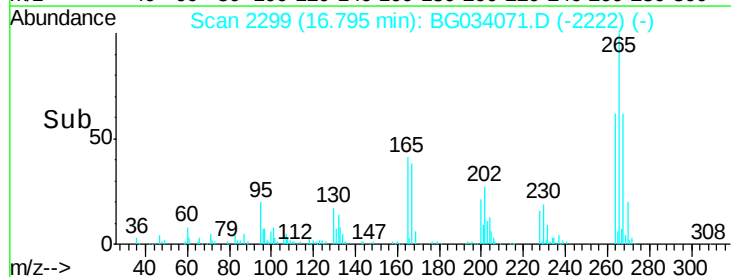
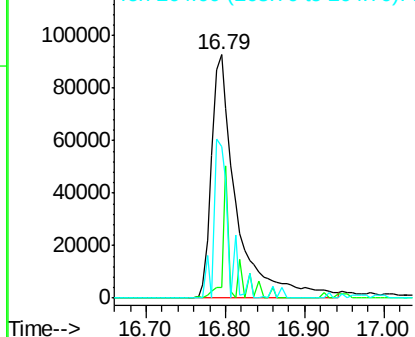


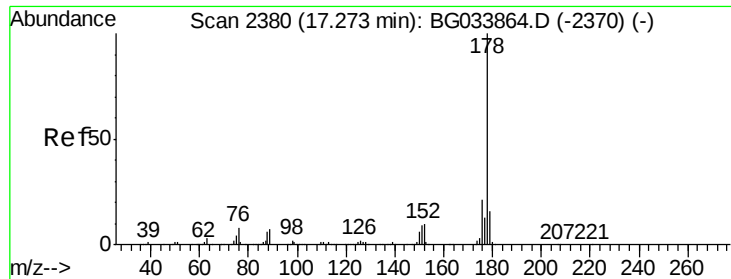
#69
Pentachlorophenol
Concen: 47.53 ng
RT: 16.79 min Scan# 2299
Delta R.T. -0.08 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	4.4	51.1	76.7#
264	67.8	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: 27.11 ng

RT: 17.18 min Scan# 2365

Delta R.T. -0.09 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

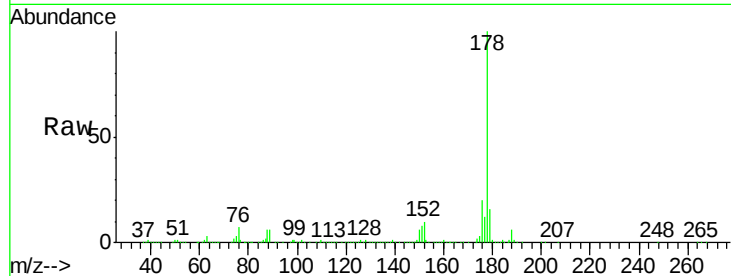
Tot Ion:178 Resp: 774782

Ion Ratio Lower Upper

178 100

176 20.3 15.7 23.5

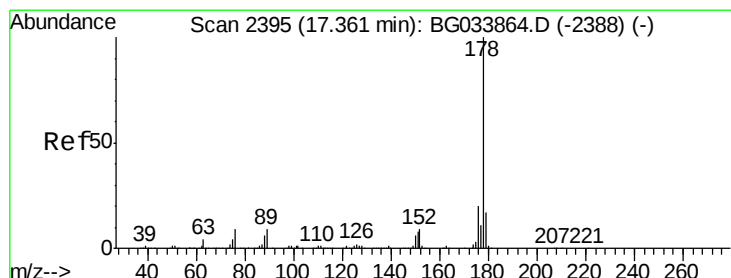
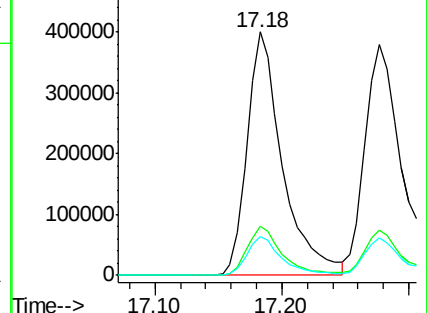
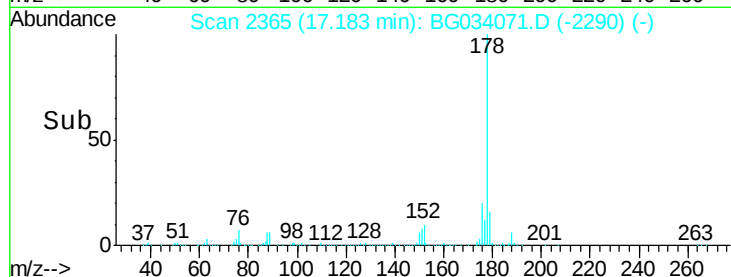
179 16.1 12.5 18.7



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: 30.55 ng

RT: 17.28 min Scan# 2381

Delta R.T. -0.08 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

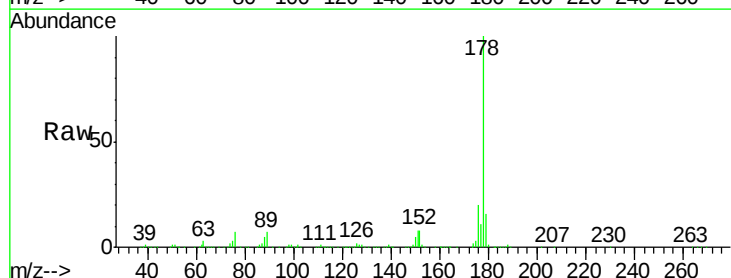
Tgt Ion:178 Resp: 873130

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

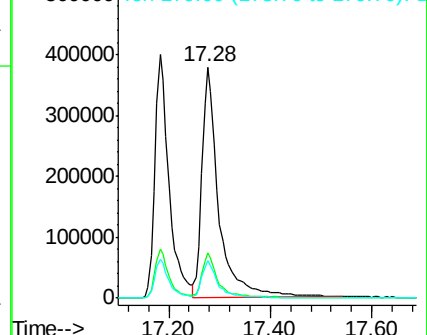
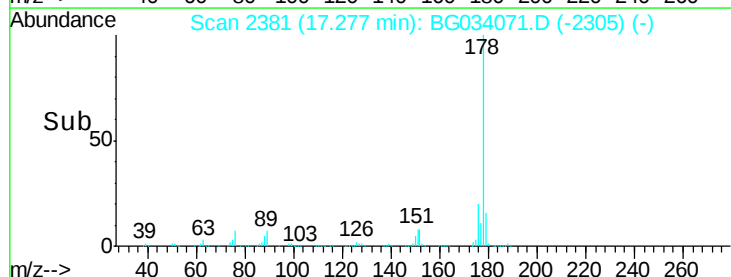
179 16.1 12.5 18.7

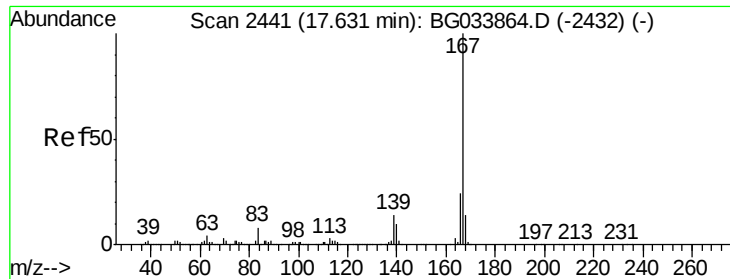


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 25.71 ng

RT: 17.56 min Scan# 2429

Delta R.T. -0.07 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

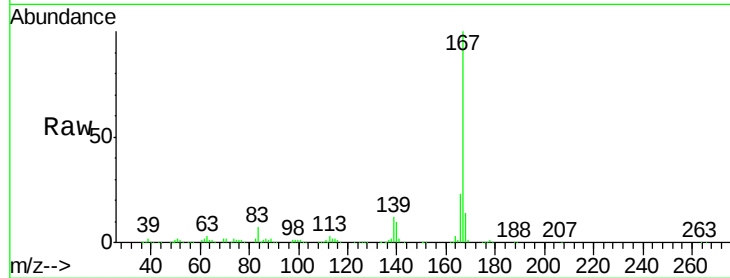
Tot Ion:167 Resp: 708952

Ion Ratio Lower Upper

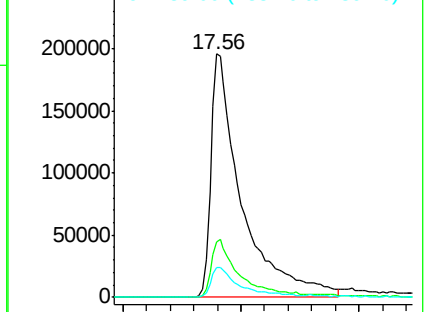
167 100

166 22.6 18.2 27.4

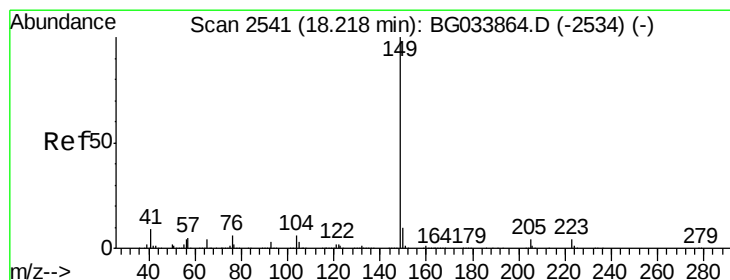
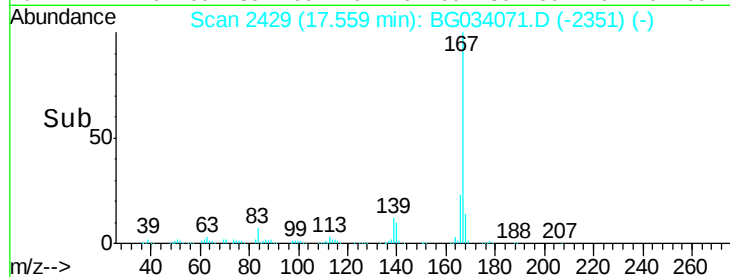
139 12.2 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time--> 17.40 17.60 17.80



#73

Di-n-butylphthalate

Concen: 27.24 ng

RT: 18.12 min Scan# 2524

Delta R.T. -0.10 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

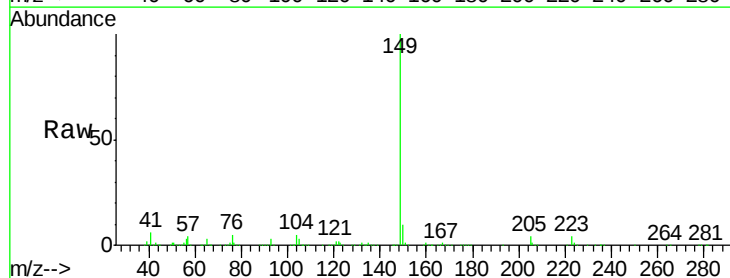
Tgt Ion:149 Resp: 934272

Ion Ratio Lower Upper

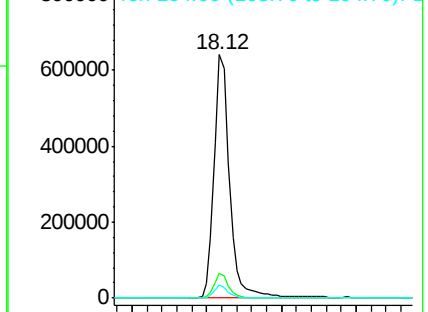
149 100

150 10.1 7.8 11.6

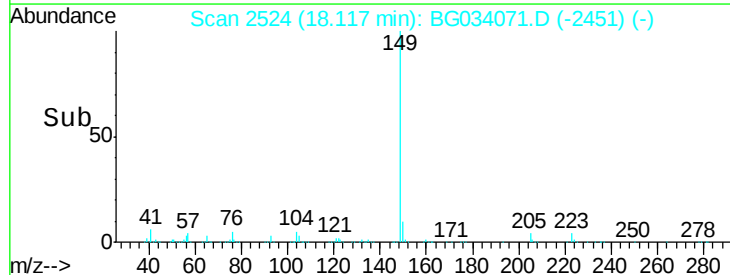
104 5.2 3.9 5.9

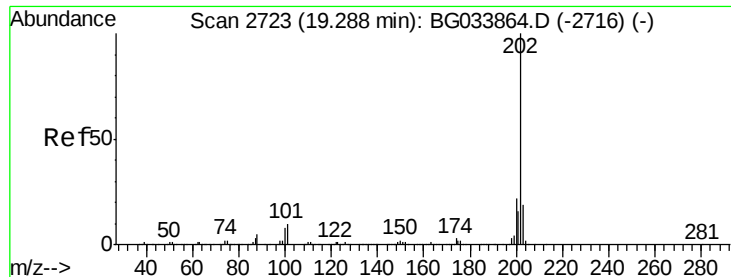


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 18.00 18.10 18.20 18.30





#74

Fluoranthene

Concen: 30.23 ng

RT: 19.20 min Scan# 2709

Delta R.T. -0.08 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

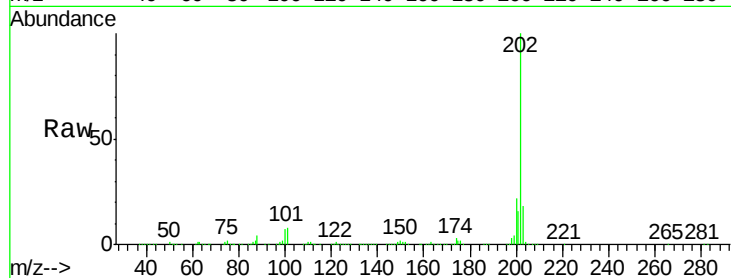
Tot Ion:202 Resp: 1044992

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.9

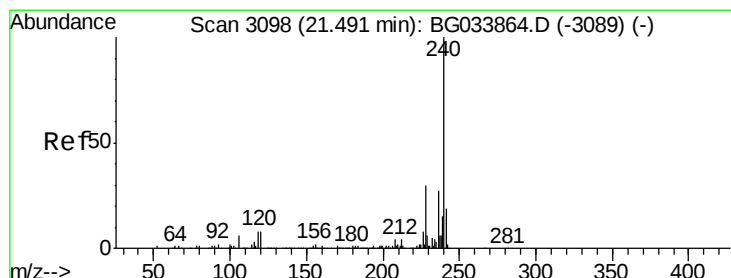
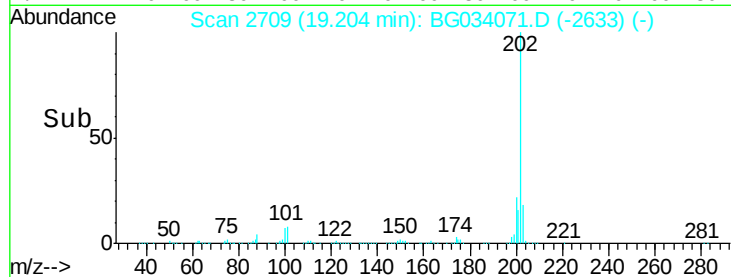
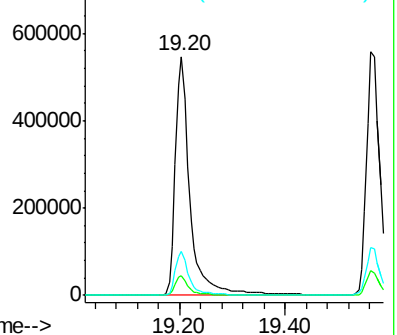
203 18.4 0.0 37.5



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: 20.00 ng

RT: 21.39 min Scan# 3081

Delta R.T. -0.10 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

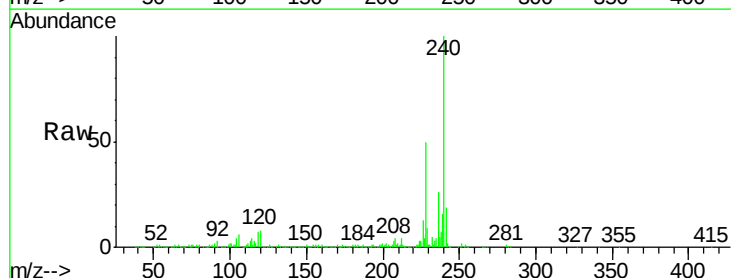
Tgt Ion:240 Resp: 567156

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

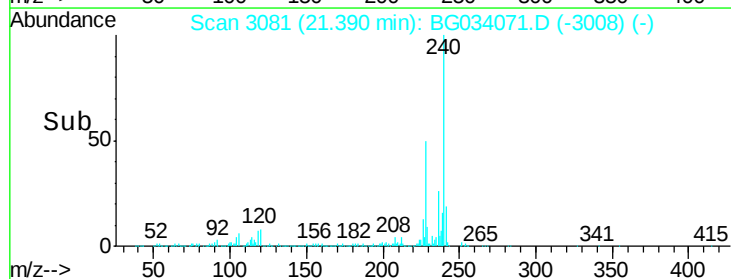
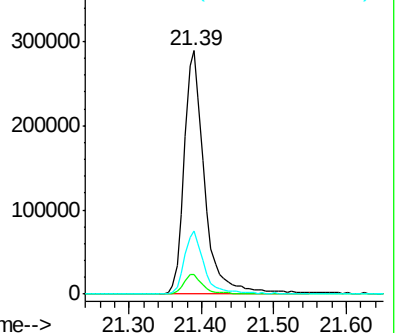
236 26.1 20.9 31.3

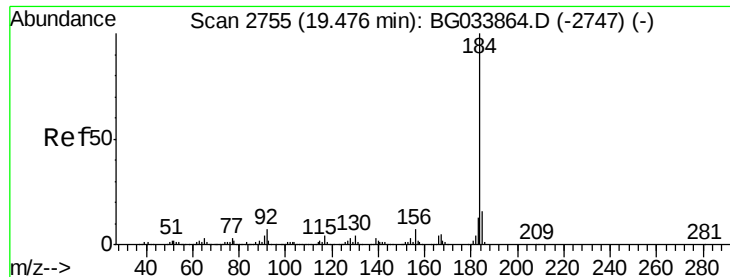


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 4.85 ng

RT: 19.45 min Scan# 2751

Delta R.T. -0.03 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

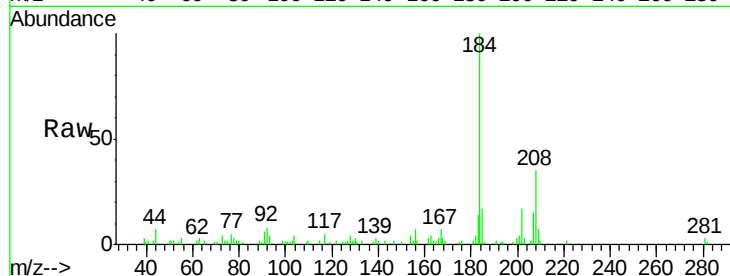
Tot Ion:184 Resp: 74254

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

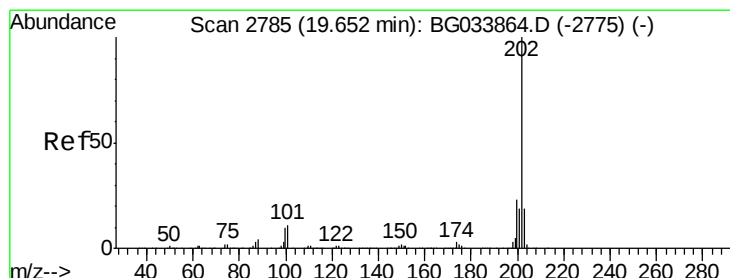
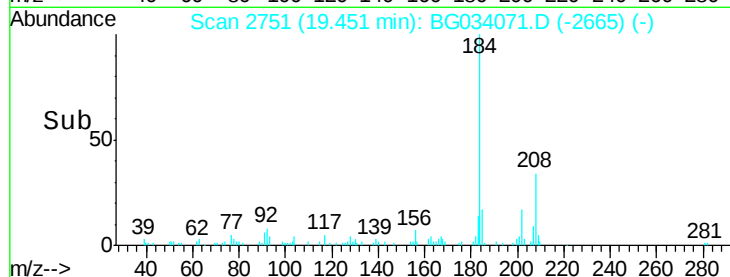
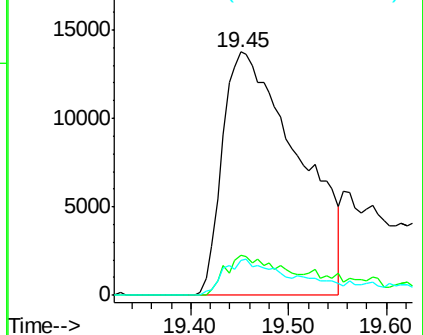
183 14.2 10.6 16.0



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

Pyrene

Concen: 27.98 ng

RT: 19.56 min Scan# 2770

Delta R.T. -0.09 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

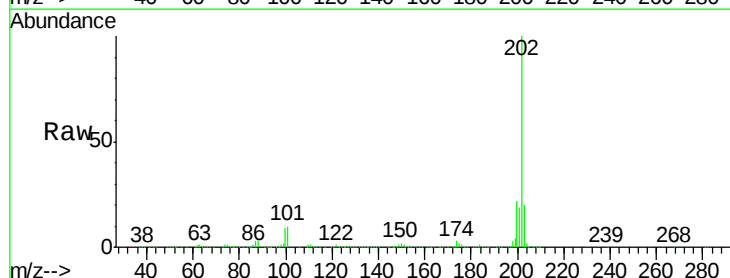
Tgt Ion:202 Resp: 1040863

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

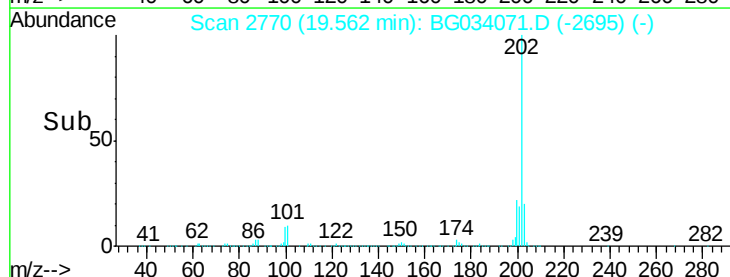
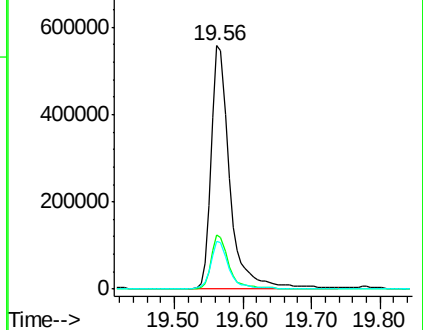
203 19.6 13.9 20.9

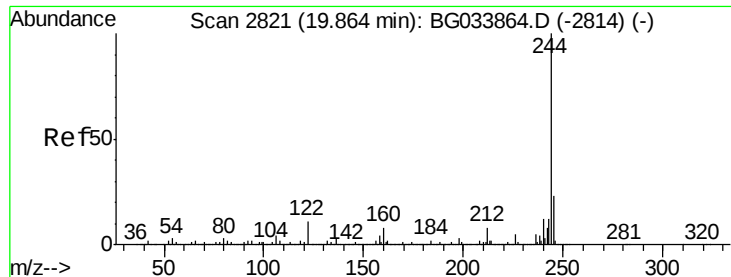


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 64.37 ng

RT: 19.77 min Scan# 2806

Delta R.T. -0.09 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

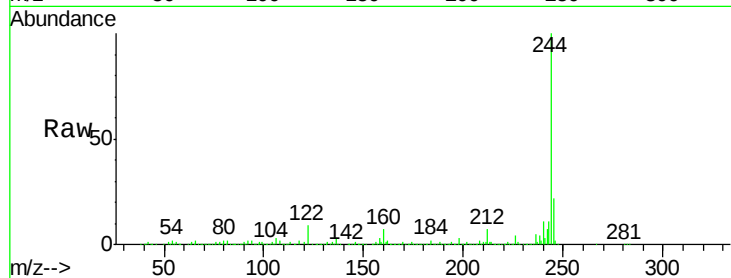
Tot Ion:244 Resp: 1624890

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	9.0	7.0	10.4

244 100

212 7.4 5.8 8.8

122 9.0 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

1200000

1000000

800000

600000

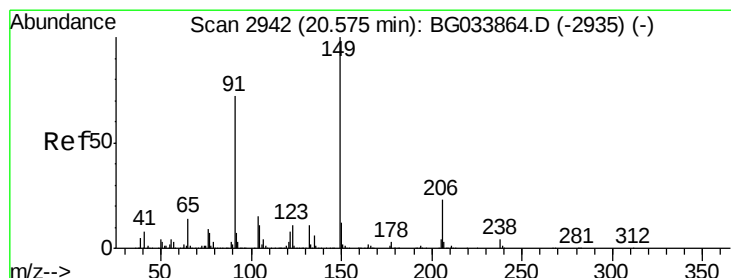
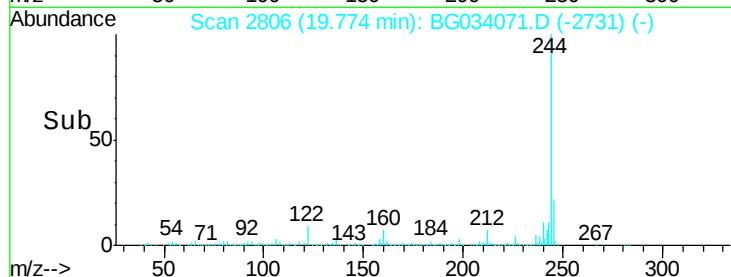
400000

200000

0

19.77

Time--> 19.60 19.80 20.00



#79

Butylbenzylphthalate

Concen: 26.23 ng

RT: 20.47 min Scan# 2925

Delta R.T. -0.10 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

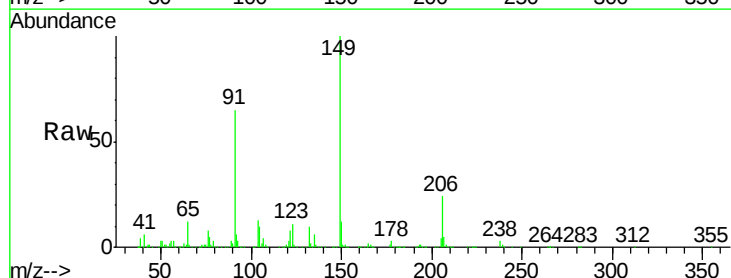
Tgt Ion:149 Resp: 428469

Ion	Ratio	Lower	Upper
149	100		
91	64.6	62.2	93.2
206	24.3	18.6	27.8

149 100

91 64.6 62.2 93.2

206 24.3 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

400000

300000

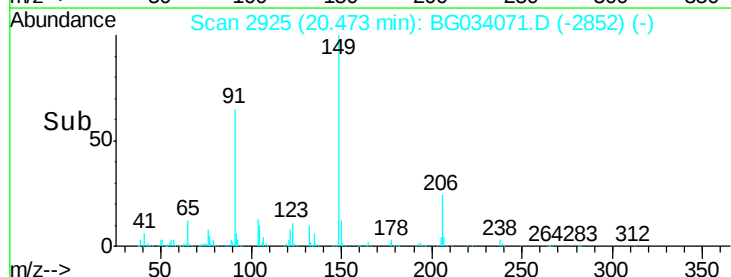
200000

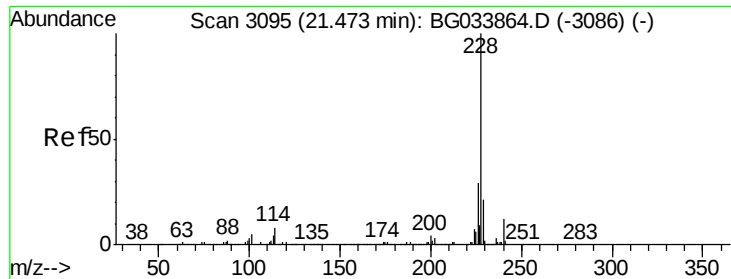
100000

0

20.47

Time--> 20.40 20.50 20.60

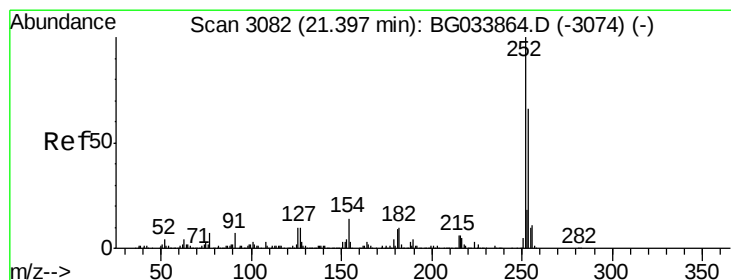
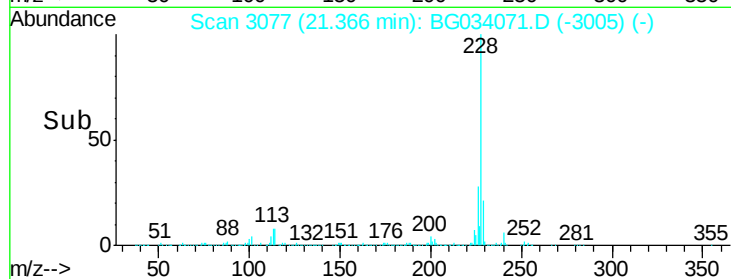
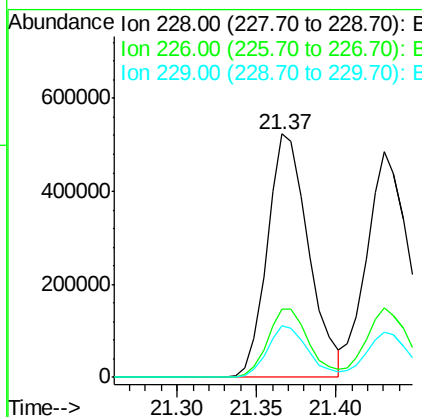
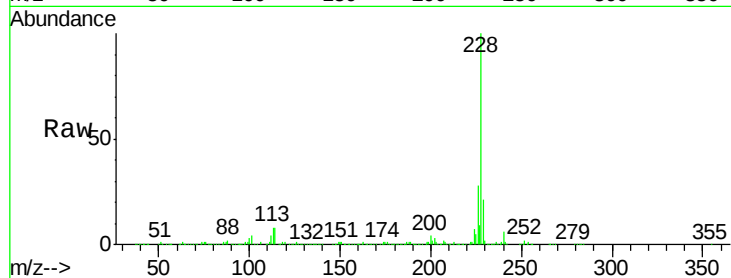




#80
Benzo(a)anthracene
Concen: 26.52 ng
RT: 21.37 min Scan# 3077
Delta R.T. -0.11 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

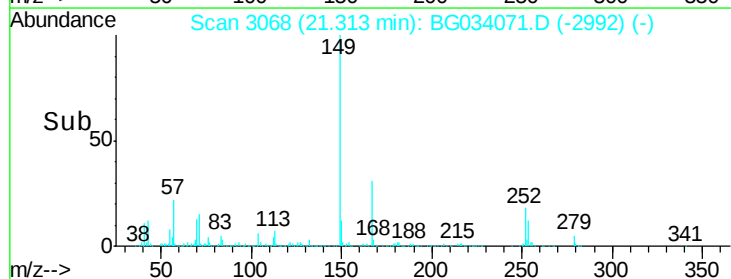
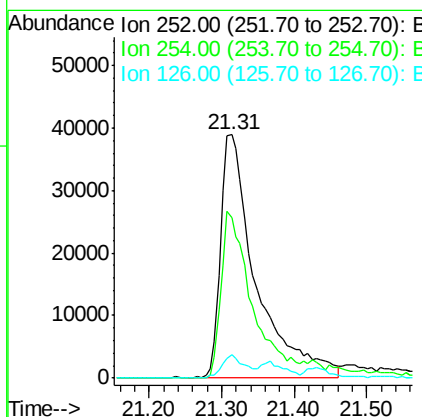
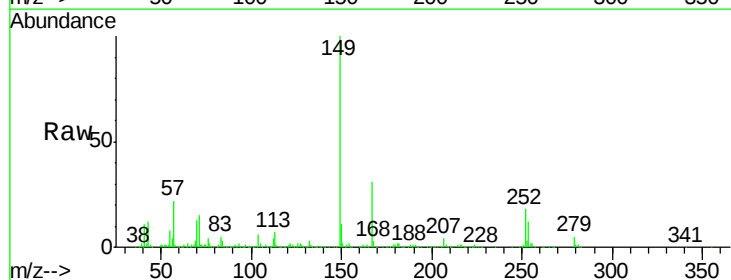
Instrument :
BNA_G
ClientSampleId :

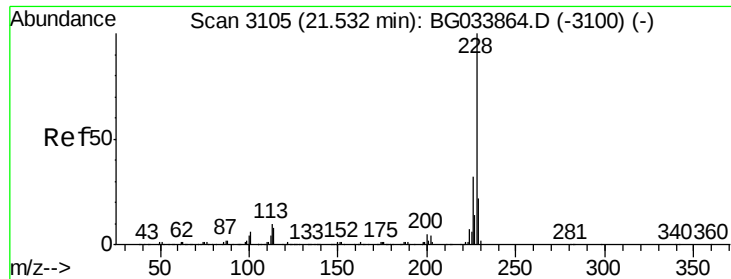
Tot Ion:228 Resp: 948439
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 21.4 16.2 24.2



#81
3,3'-Dichlorobenzidine
Concen: 9.92 ng
RT: 21.31 min Scan# 3068
Delta R.T. -0.08 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Tgt Ion:252 Resp: 132303
Ion Ratio Lower Upper
252 100
254 65.7 50.8 76.2
126 9.6 7.4 11.2





#82

Chrysene

Concen: 30.05 ng

RT: 21.43 min Scan# 3088

Delta R.T. -0.10 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

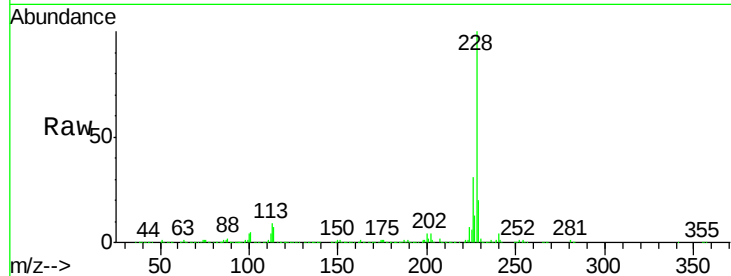
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1026377

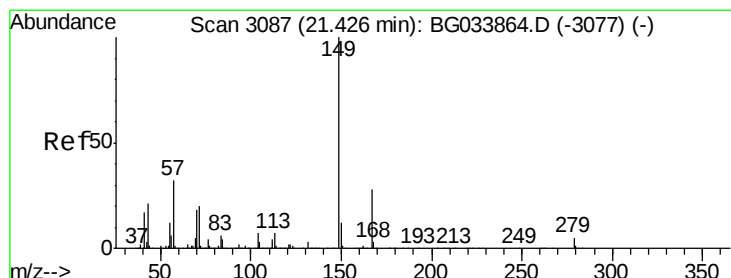
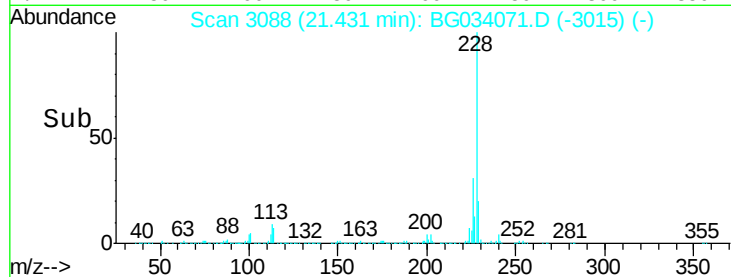
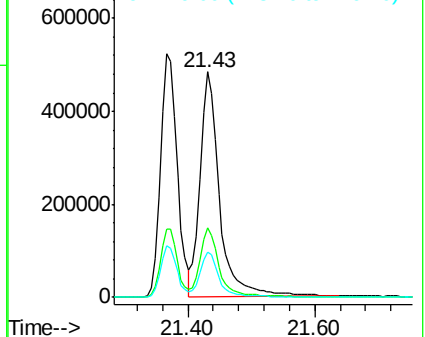
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.3	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 25.79 ng

RT: 21.30 min Scan# 3066

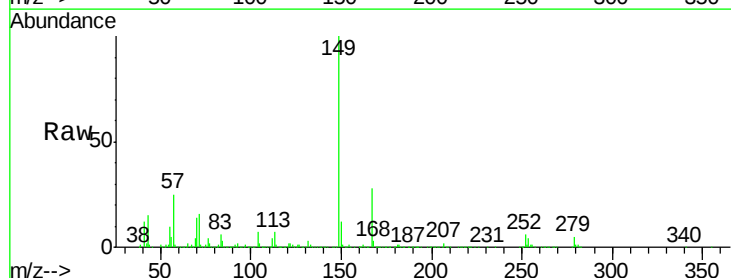
Delta R.T. -0.13 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Tgt Ion:149 Resp: 595008

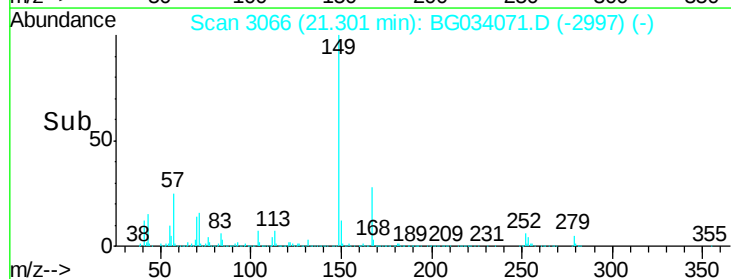
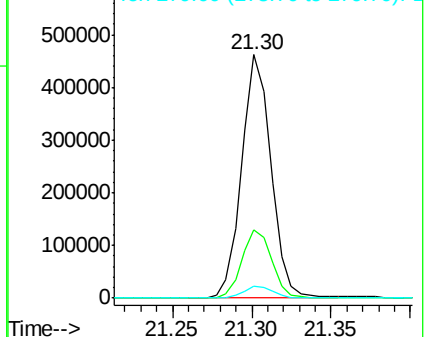
Ion	Ratio	Lower	Upper
149	100		
167	28.1	24.3	36.5
279	4.8	4.0	6.0

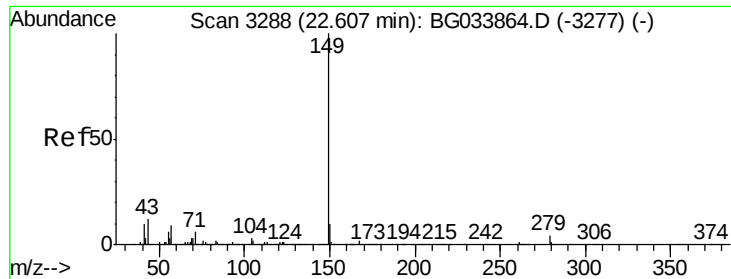


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 27.66 ng

RT: 22.44 min Scan# 3260

Delta R.T. -0.17 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

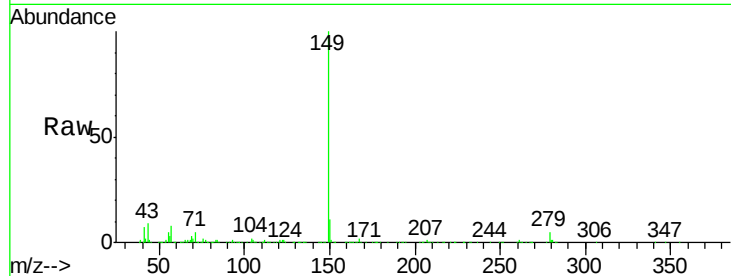
Tot Ion:149 Resp: 1012731

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

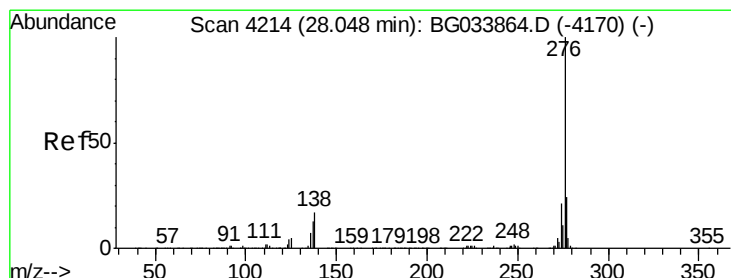
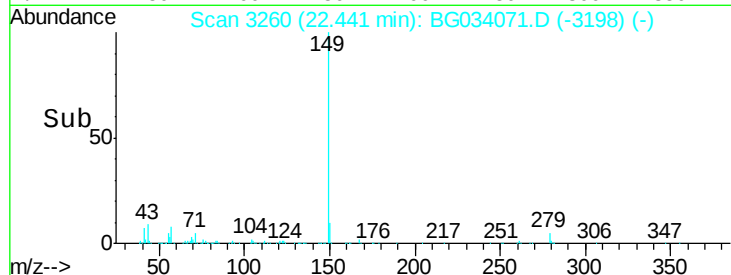
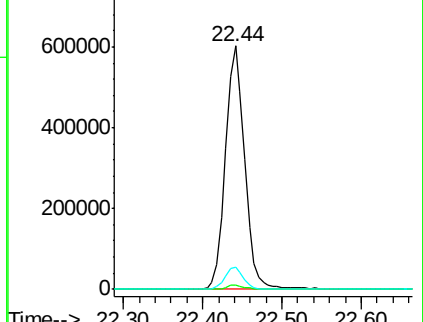
43 8.7 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 27.37 ng

RT: 27.76 min Scan# 4166

Delta R.T. -0.28 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

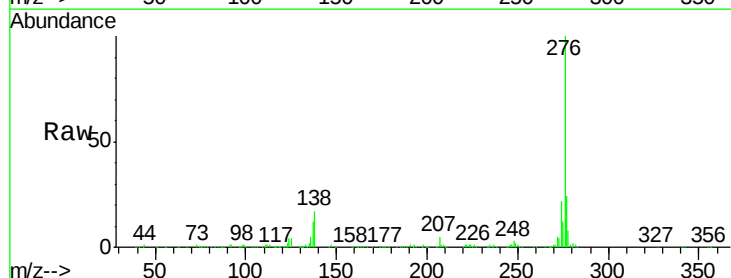
Tgt Ion:276 Resp: 1064030

Ion Ratio Lower Upper

276 100

138 10.7 16.0 24.0#

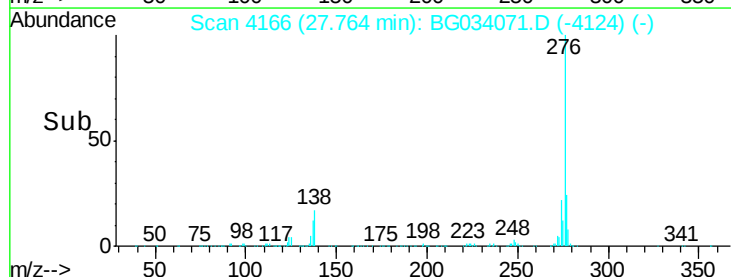
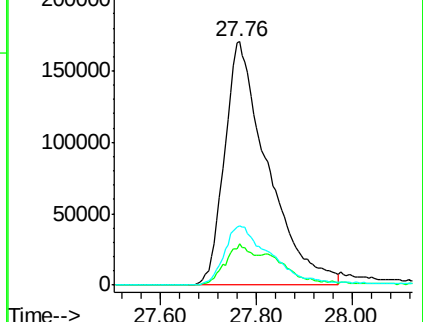
277 26.3 20.0 30.0

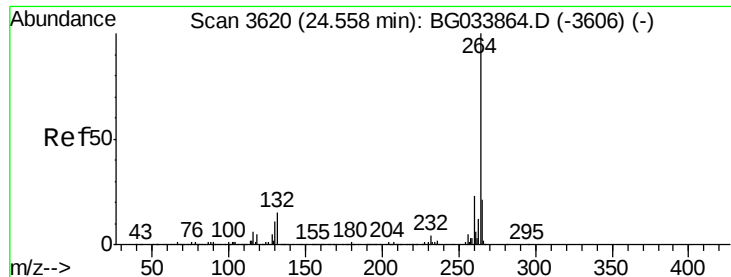


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 24.38 min Scan# 3590

Delta R.T. -0.18 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

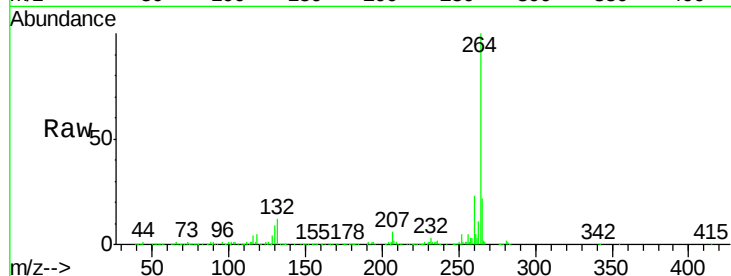
Tot Ion:264 Resp: 574441

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

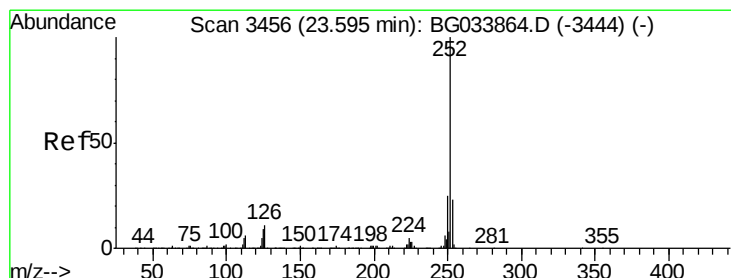
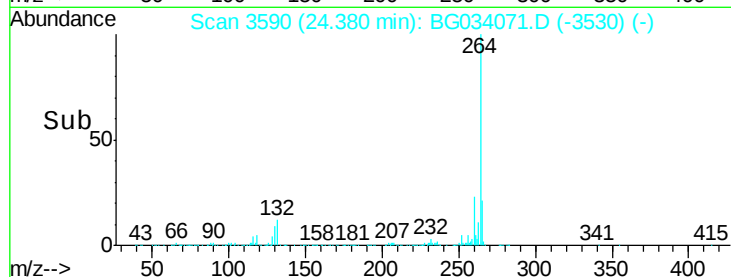
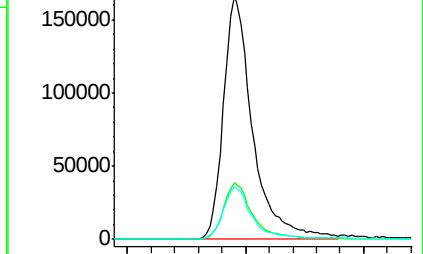
265 21.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 26.79 ng

RT: 23.43 min Scan# 3429

Delta R.T. -0.16 min

Lab File: BG034071.D

Acq: 28 Apr 2018 12:44

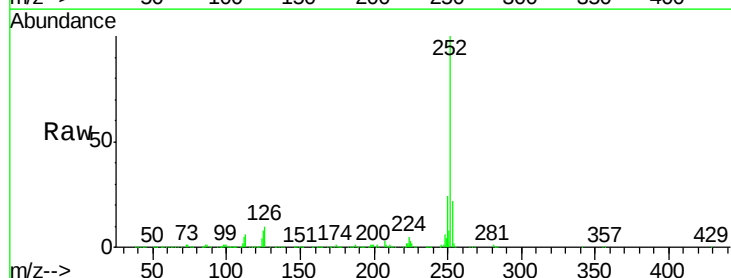
Tgt Ion:252 Resp: 938965

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

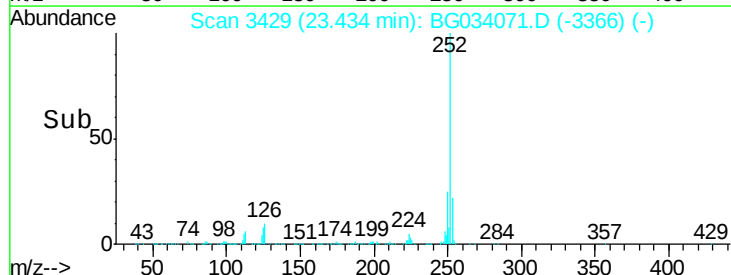
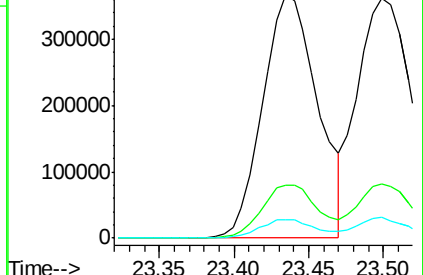
125 7.7 7.2 10.8

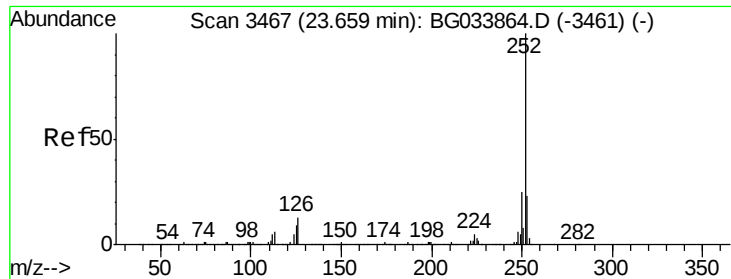


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

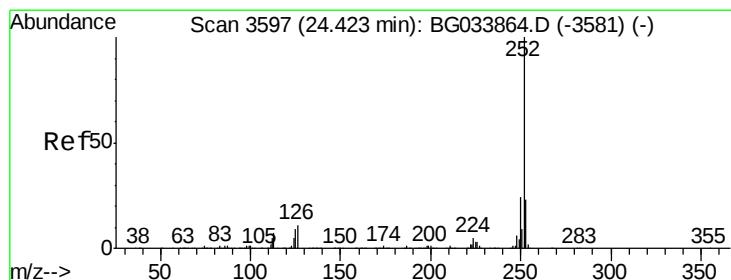
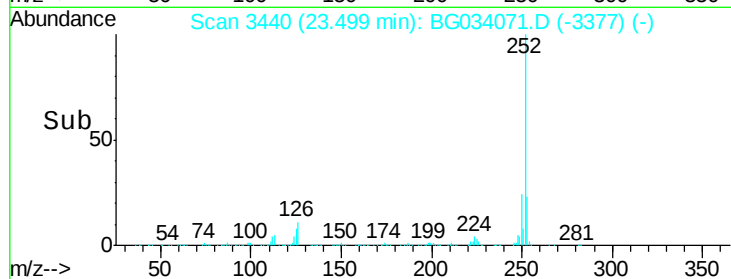
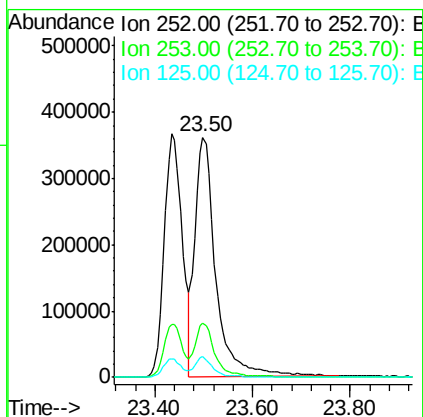
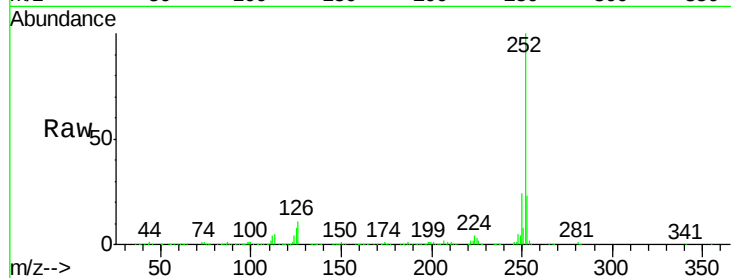




#88
Benzo(k)fluoranthene
Concen: 31.06 ng
RT: 23.50 min Scan# 3440
Delta R.T. -0.16 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

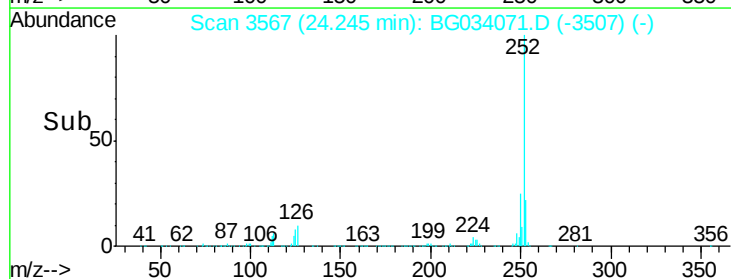
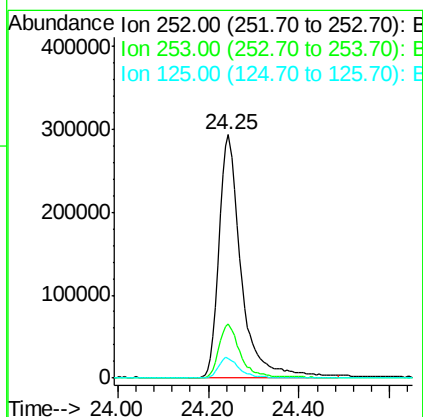
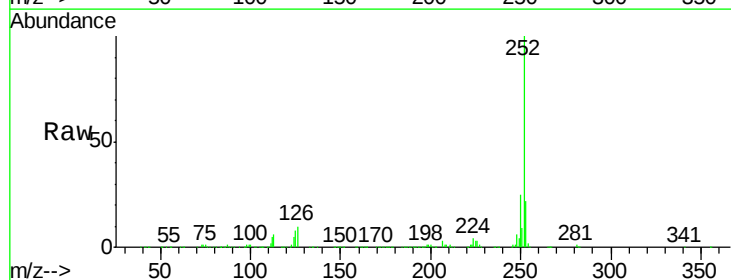
Instrument :
BNA_G
ClientSampleId :

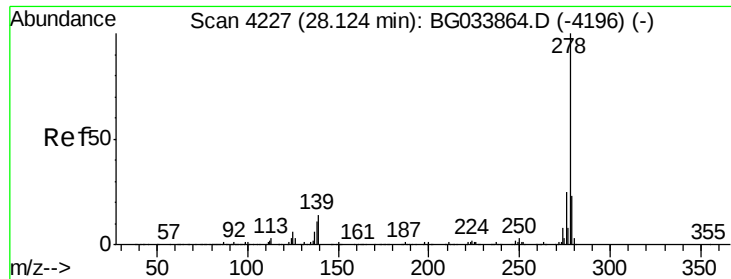
Tot Ion:252 Resp: 1081370
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 8.5 6.6 9.8



#89
Benzo(a)pyrene
Concen: 29.37 ng
RT: 24.25 min Scan# 3567
Delta R.T. -0.18 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Tgt Ion:252 Resp: 985813
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 8.1 7.3 10.9

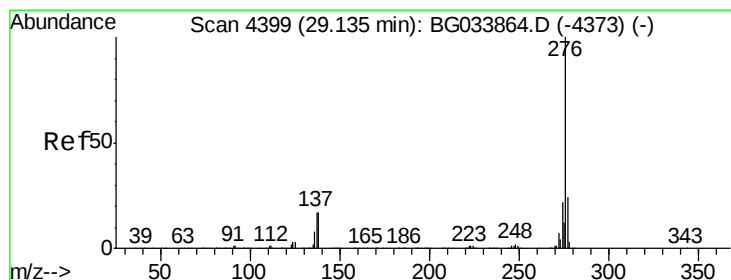
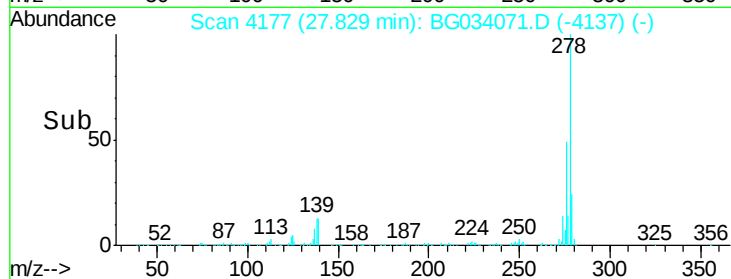
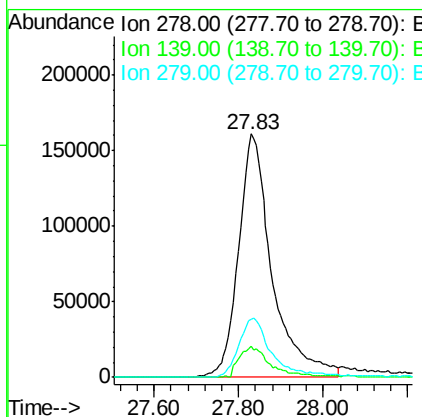
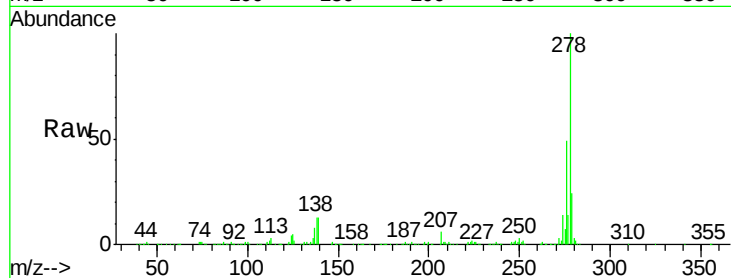




#90
Dibenzo(a,h)anthracene
Concen: 27.27 ng
RT: 27.83 min Scan# 4177
Delta R.T. -0.30 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.8	14.6
279	24.0	18.4	27.6



#91
Benzo(g,h,i)perylene
Concen: 28.64 ng
RT: 28.82 min Scan# 4345
Delta R.T. -0.32 min
Lab File: BG034071.D
Acq: 28 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.3	27.5
138	16.0	13.9	20.9

