

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034069.D
 Acq On : 28 Apr 2018 11:28
 Operator : SJ/JU
 Sample : PB108633BSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 30 02:30:02 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	35286	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	234783	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	186253	20.00	ng	-0.09
63) Phenanthrene-d10	17.14	188	507305	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	535349	20.00	ng	-0.10
86) Perylene-d12	24.38	264	536020	20.00	ng	-0.18

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	199895	90.44	ng	-0.08
7) Phenol-d6	6.94	99	295982	91.82	ng	-0.06
23) Nitrobenzene-d5	8.91	82	284199	68.89	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	212958	98.00	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1032992	81.47	ng	-0.09
78) Terphenyl-d14	19.78	244	2015911	84.60	ng	-0.09

Target Compounds						Qvalue
3) Pyridine	3.70	79	78560	29.07	ng	87
4) n-Nitrosodimethylamine	3.65	42	28893	23.47	ng	# 83
6) Aniline	7.10	93	79238	18.39	ng	# 87
8) 2-Chlorophenol	7.32	128	134394	54.27	ng	96
9) Benzaldehyde	6.96	77	29682	14.31	ng	94
10) Phenol	6.97	94	131969	39.96	ng	97
11) bis(2-Chloroethyl)ether	7.19	93	86685	34.32	ng	# 80
12) 1,3-Dichlorobenzene	7.64	146	147337	51.68	ng	94
13) 1,4-Dichlorobenzene	7.79	146	155628	53.90	ng	94
14) 1,2-Dichlorobenzene	8.10	146	156865	55.86	ng	96
15) Benzyl Alcohol	8.02	79	40596	14.44	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.28	45	202424	41.09	ng	72
17) 2-Methylphenol	8.22	107	88982	36.36	ng	# 94
18) Hexachloroethane	8.81	117	61380	58.17	ng	96
19) n-Nitroso-di-n-propylamine	8.55	70	106587	38.79	ng	# 96
20) 3+4-Methylphenols	8.55	107	107035	30.10	ng	92
22) Acetophenone	8.58	105	176257	27.58	ng	97
24) Nitrobenzene	8.96	77	139563	31.04	ng	96
25) Isophorone	9.46	82	321266	34.64	ng	# 94
26) 2-Nitrophenol	9.67	139	50261	28.30	ng	91
27) 2,4-Dimethylphenol	9.73	122	116951	35.20	ng	96
28) bis(2-Chloroethoxy)methane	9.97	93	155677	31.76	ng	# 91
29) 2,4-Dichlorophenol	10.21	162	143920	38.86	ng	90
30) 1,2,4-Trichlorobenzene	10.40	180	166228	40.07	ng	99
31) Naphthalene	10.58	128	466942	38.67	ng	99
32) Benzoic acid	9.89	122	17802	9.89	ng	# 58
33) 4-Chloroaniline	10.75	127	15299	2.70	ng	95
34) Hexachlorobutadiene	10.86	225	109020	43.93	ng	98
35) Caprolactam	11.49	113	13037	8.28	ng	# 67
36) 4-Chloro-3-methylphenol	11.85	107	162722	36.00	ng	# 83
37) 2-Methylnaphthalene	12.20	142	356827	38.60	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	222651	36.00	ng	97
40) Hexachlorocyclopentadiene	12.55	237	278882	82.01	ng	91
42) 2,4,6-Trichlorophenol	12.82	196	125687	33.33	ng	94

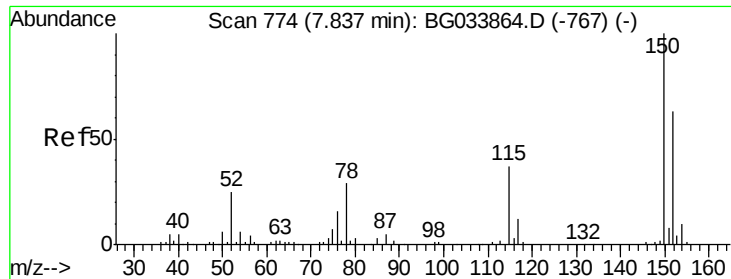
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034069.D
 Acq On : 28 Apr 2018 11:28
 Operator : SJ/JU
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Quant Time: Apr 30 02:30:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.90	196	159848	36.87	nq	97
45) 1,1'-Biphenyl	13.23	154	533913	35.41	nq	99
46) 2-Chloronaphthalene	13.27	162	400692	35.05	nq	97
47) 2-Nitroaniline	13.50	65	99721	27.94	nq	# 82
48) Acenaphthylene	14.11	152	677986	35.68	nq	98
49) Dimethylphthalate	13.85	163	601198	36.69	nq	99
50) 2,6-Dinitrotoluene	13.97	165	126016	40.59	nq	87
51) Acenaphthene	14.45	154	394028	33.01	nq	99
52) 3-Nitroaniline	14.35	138	43427	12.88	nq	# 81
53) 2,4-Dinitrophenol	14.52	184	85137	76.67	nq	# 68
54) Dibenzofuran	14.79	168	687378	38.84	nq	96
55) 4-Nitrophenol	14.67	139	109997	41.60	nq	# 85
56) 2,4-Dinitrotoluene	14.76	165	182819	44.28	nq	# 80
57) Fluorene	15.45	166	599711	39.16	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.02	232	188804	47.57	nq	# 92
59) Diethylphthalate	15.22	149	635822	36.72	nq	99
60) 4-Chlorophenyl-phenylether	15.44	204	320003	39.95	nq	95
61) 4-Nitroaniline	15.52	138	59836	16.72	nq	82
62) Azobenzene	15.73	77	497874	32.25	nq	96
64) 4,6-Dinitro-2-methylphenol	15.53	198	87189	37.36	nq	77
65) n-Nitrosodiphenylamine	15.66	169	528853	35.86	nq	99
66) 4-Bromophenyl-phenylether	16.34	248	204000	36.62	nq	99
67) Hexachlorobenzene	16.44	284	227133	38.23	nq	98
68) Atrazine	16.62	200	231254	40.02	nq	98
69) Pentachlorophenol	16.79	266	273979	67.13	nq	# 57
70) Phenanthrene	17.19	178	975827	35.86	nq	99
71) Anthracene	17.28	178	1074267	39.47	nq	100
72) Carbazole	17.56	167	922362	35.13	nq	98
73) Di-n-butylphthalate	18.12	149	1162184	35.58	nq	99
74) Fluoranthene	19.20	202	1298750	39.45	nq	97
76) Benzidine	19.44	184	211409	14.62	nq	99
77) Pyrene	19.57	202	1294501	36.87	nq	95
79) Butylbenzylphthalate	20.48	149	527002	34.18	nq	88
80) Benzo(a)anthracene	21.37	228	1190374	35.26	nq	97
81) 3,3'-Dichlorobenzidine	21.30	252	253046	20.10	nq	98
82) Chrysene	21.43	228	1269843	39.39	nq	97
83) Bis(2-ethylhexyl)phthalate	21.30	149	745103	34.21	nq	98
84) Di-n-octyl phthalate	22.44	149	1263014	36.54	nq	# 95
85) Indeno(1,2,3-cd)pyrene	27.77	276	1376216	37.50	nq	100
87) Benzo(b)fluoranthene	23.44	252	1185292	36.25	nq	99
88) Benzo(k)fluoranthene	23.50	252	1341628	41.30	nq	98
89) Benzo(a)pyrene	24.25	252	1229937	39.27	nq	99
90) Dibenzo(a,h)anthracene	27.84	278	1135393	37.47	nq	97
91) Benzo(g,h,i)perylene	28.82	276	1149932	38.56	nq	97

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

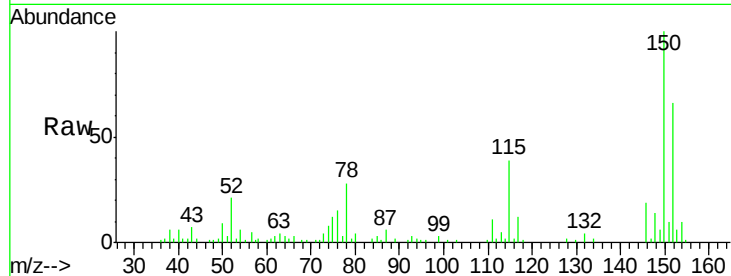


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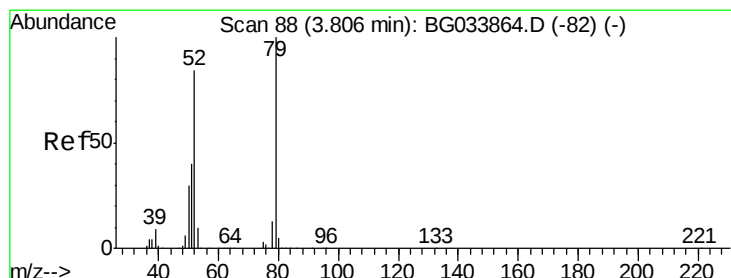
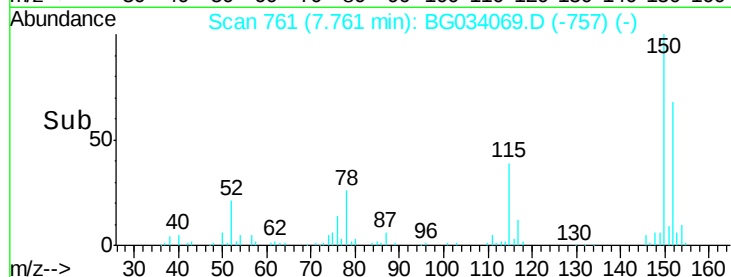
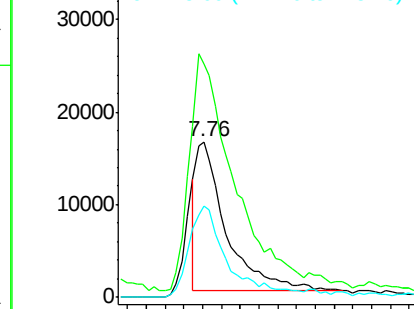
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 761
Delta R.T. -0.08 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35286
Ion Ratio Lower Upper
152 100
150 150.5 126.6 189.8
115 59.2 53.0 79.4



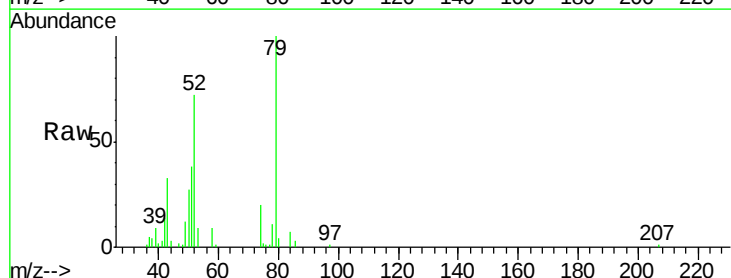
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



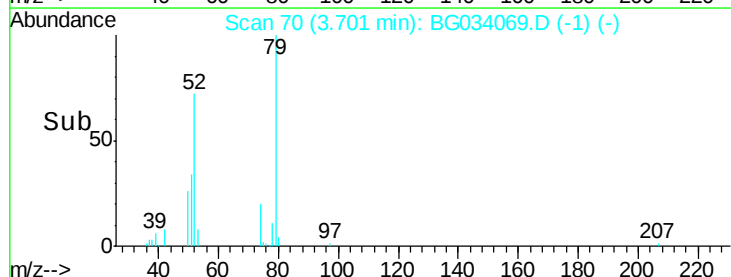
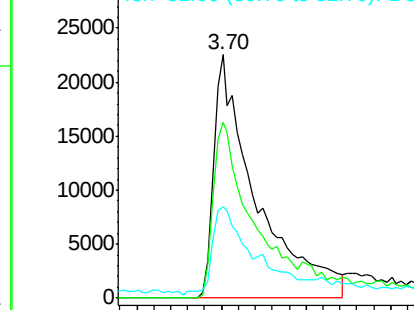
#3

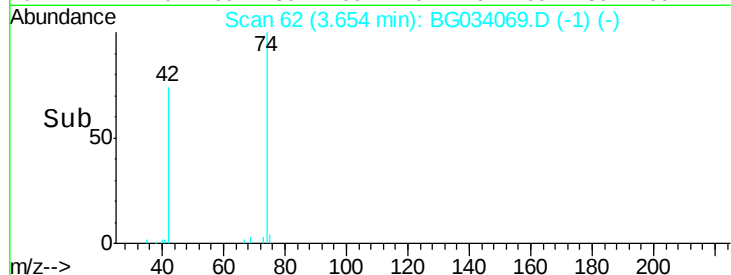
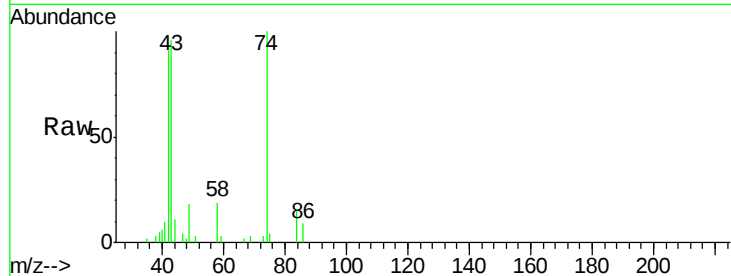
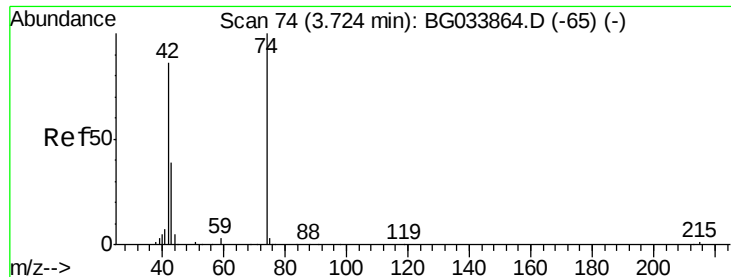
Pyridine
Concen: 29.07 ng
RT: 3.70 min Scan# 70
Delta R.T. -0.10 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion: 79 Resp: 78560
Ion Ratio Lower Upper
79 100
52 72.3 69.9 104.9
51 37.7 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: 23.47 ng

RT: 3.65 min Scan# 62

Delta R.T. -0.07 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampled :

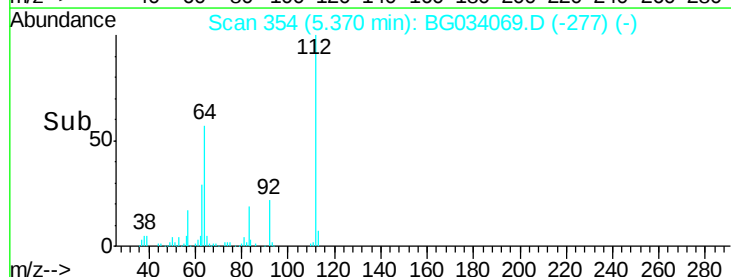
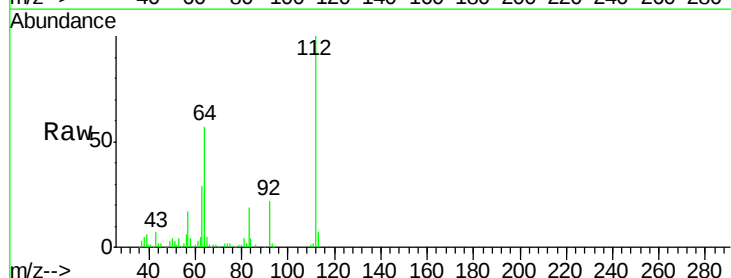
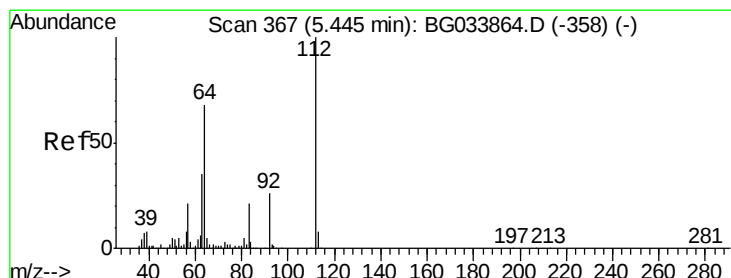
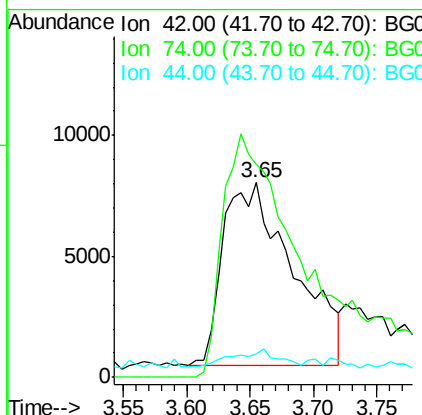
Tot Ion: 42 Resp: 28893

Ion Ratio Lower Upper

42 100

74 109.6 102.5 153.7

44 11.8 18.9 28.3#



#5

2-Fluorophenol

Concen: 90.44 ng

RT: 5.37 min Scan# 354

Delta R.T. -0.08 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

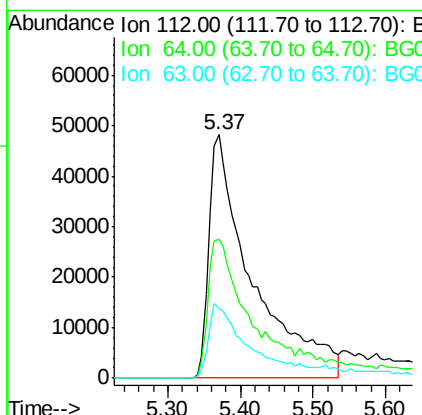
Tgt Ion: 112 Resp: 199895

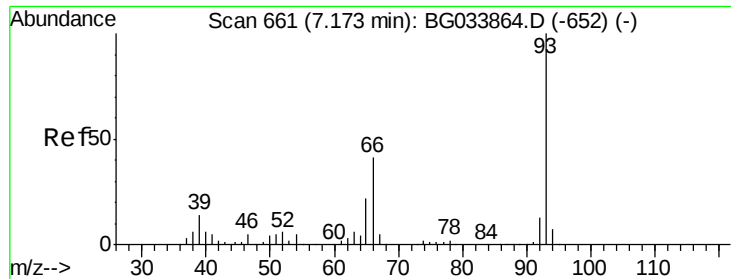
Ion Ratio Lower Upper

112 100

64 57.2 56.3 84.5

63 28.8 30.1 45.1#





#6

Aniline

Concen: 18.39 ng

RT: 7.10 min Scan# 648

Delta R.T. -0.08 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampleId :

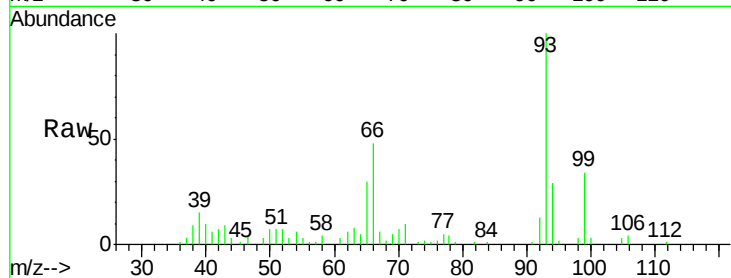
Tot Ion: 93 Resp: 79238

Ion Ratio Lower Upper

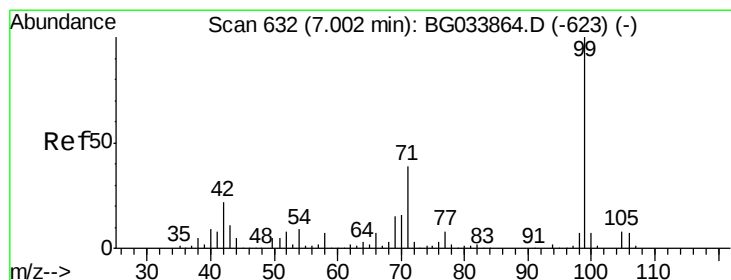
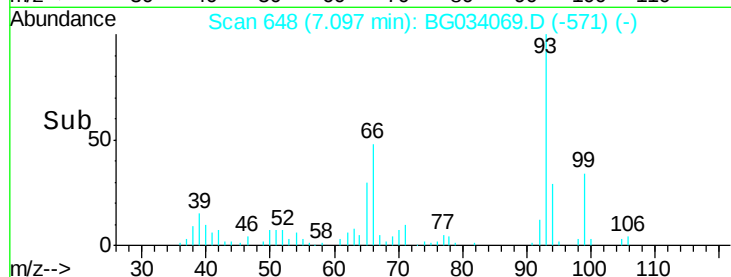
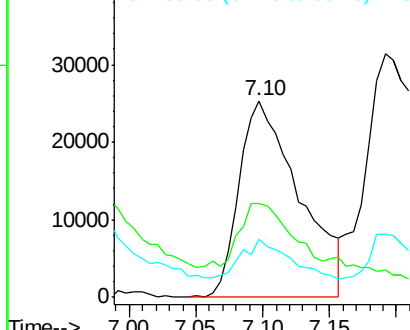
93 100

66 48.0 33.7 50.5

65 29.6 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 91.82 ng

RT: 6.94 min Scan# 622

Delta R.T. -0.06 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

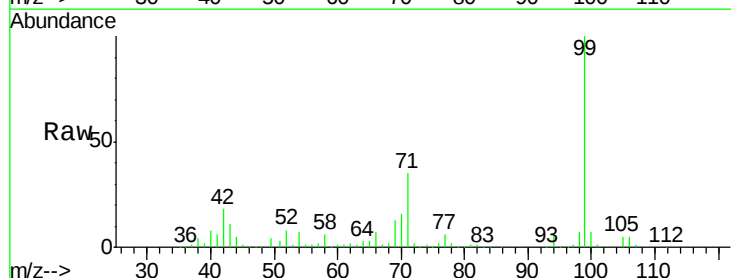
Tgt Ion: 99 Resp: 295982

Ion Ratio Lower Upper

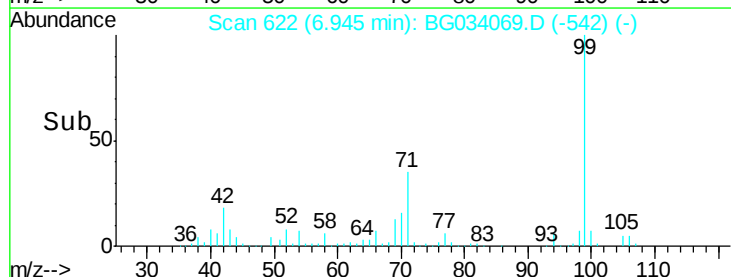
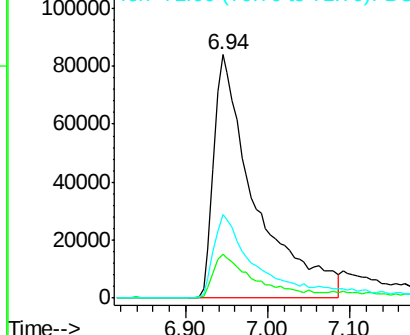
99 100

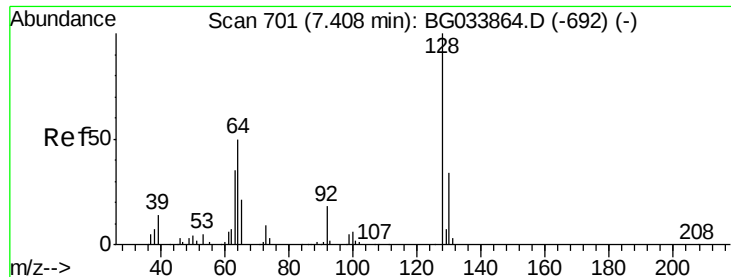
42 18.1 14.1 21.1

71 34.5 26.1 39.1



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





#8

2-Chlorophenol

Concen: 54.27 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.09 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampled :

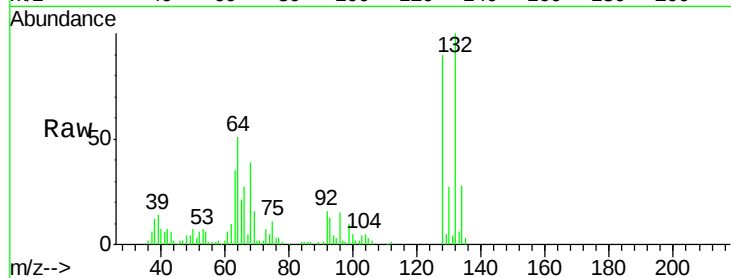
Tot Ion:128 Resp: 134394

Ion Ratio Lower Upper

128 100

130 29.6 14.0 54.0

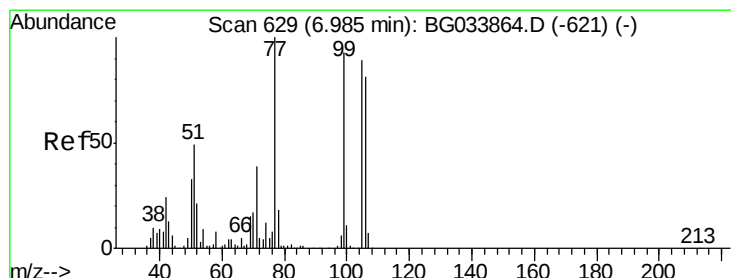
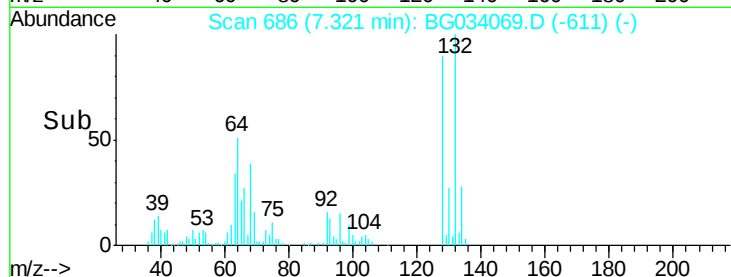
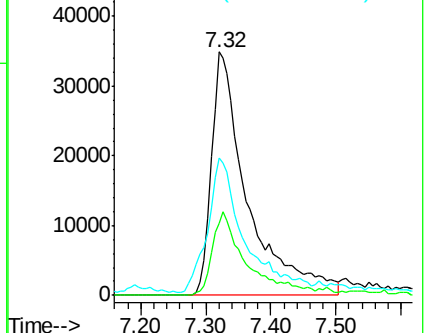
64 56.6 37.7 77.7



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: 14.31 ng

RT: 6.96 min Scan# 625

Delta R.T. -0.02 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

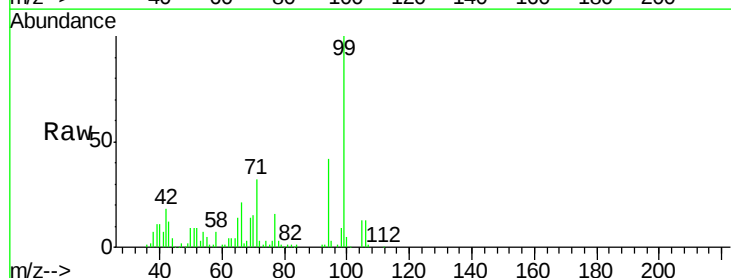
Tgt Ion: 77 Resp: 29682

Ion Ratio Lower Upper

77 100

105 82.9 71.3 111.3

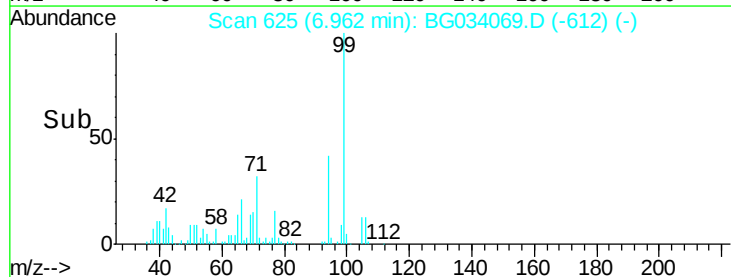
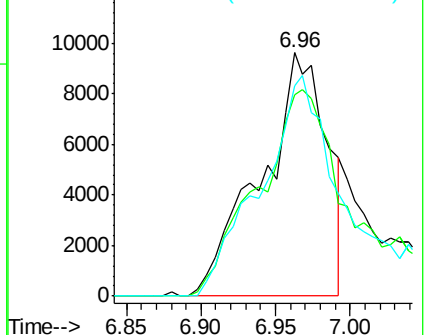
106 86.1 64.2 104.2

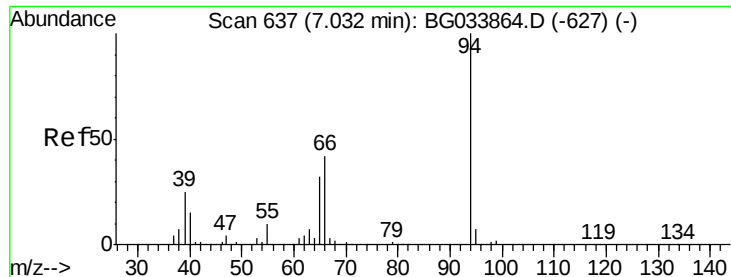


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 39.96 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.06 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampleId :

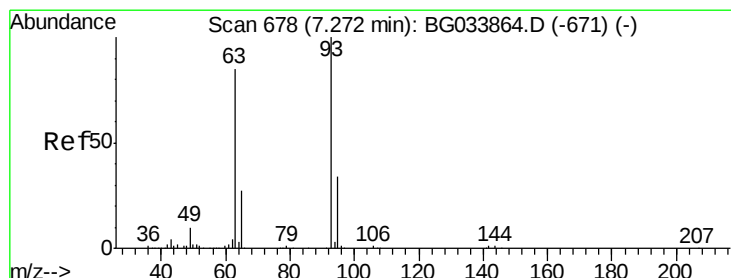
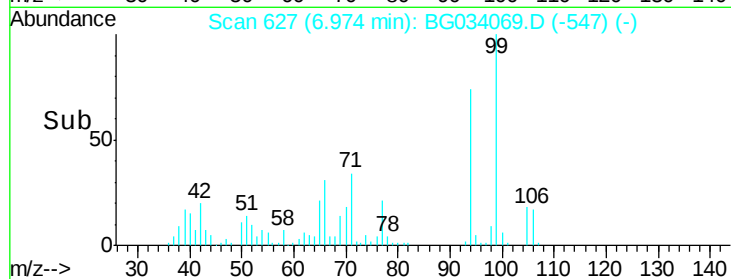
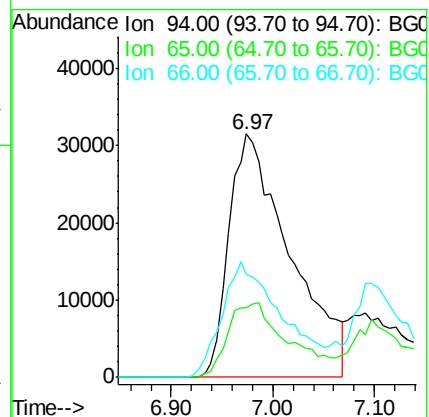
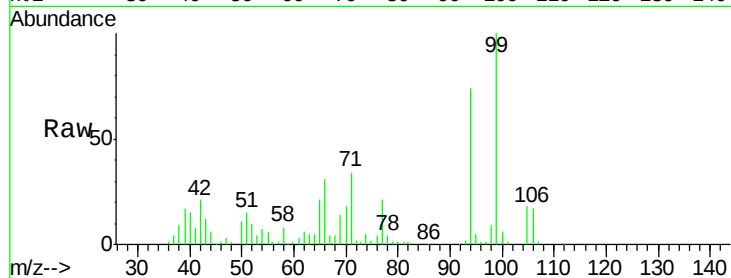
Tot Ion: 94 Resp: 131969

Ion Ratio Lower Upper

94 100

65 28.7 11.9 51.9

66 42.3 22.2 62.2



#11

bis(2-Chloroethyl)ether

Concen: 34.32 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.08 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

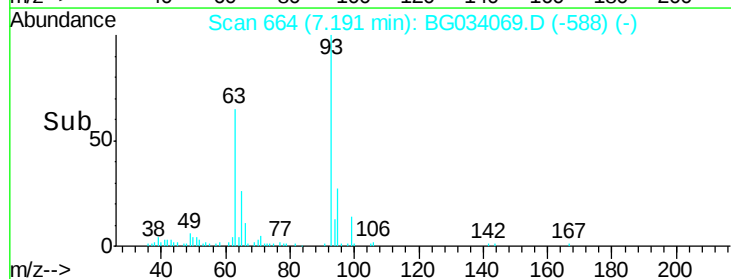
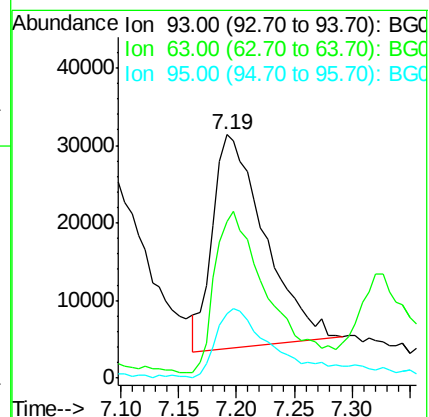
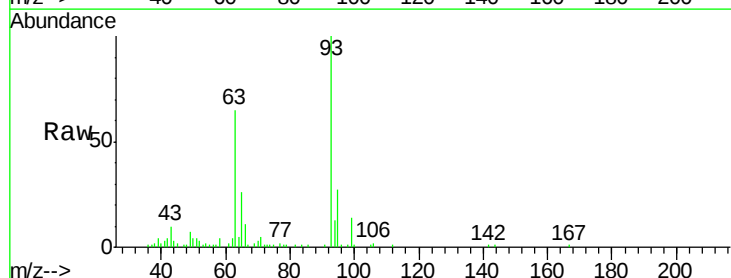
Tgt Ion: 93 Resp: 86685

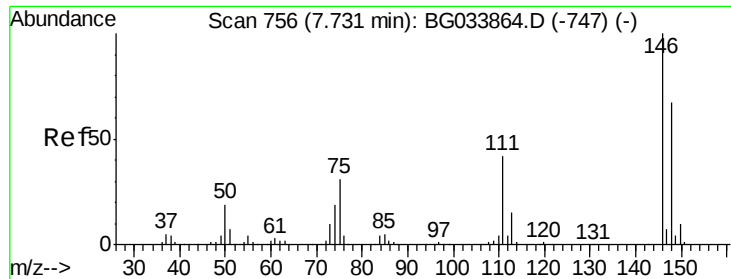
Ion Ratio Lower Upper

93 100

63 64.6 67.1 107.1#

95 26.6 11.5 51.5

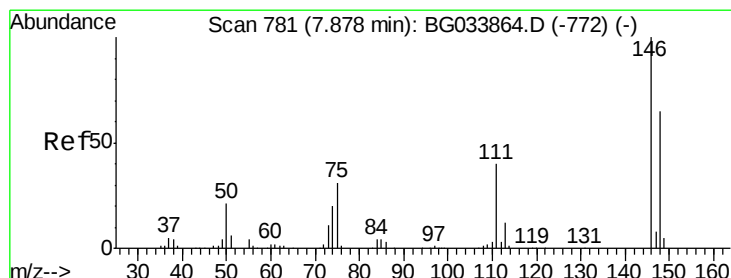
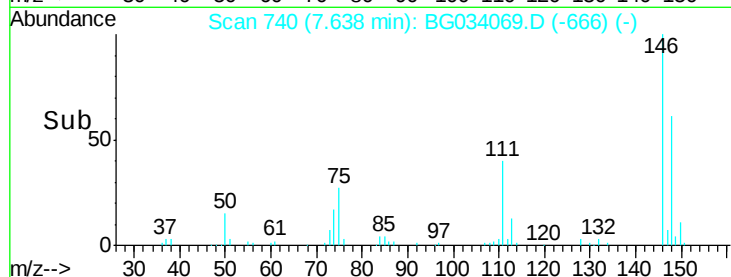
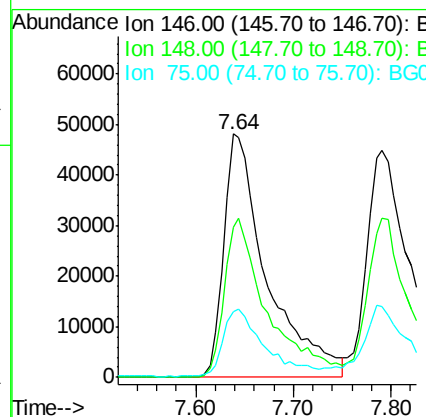
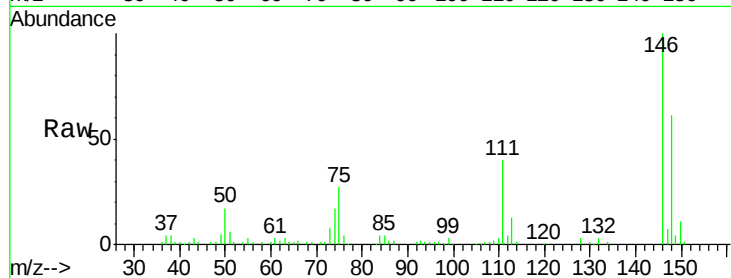




#12
 1,3-Dichlorobenzene
 Concen: 51.68 ng
 RT: 7.64 min Scan# 740
 Delta R.T. -0.09 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

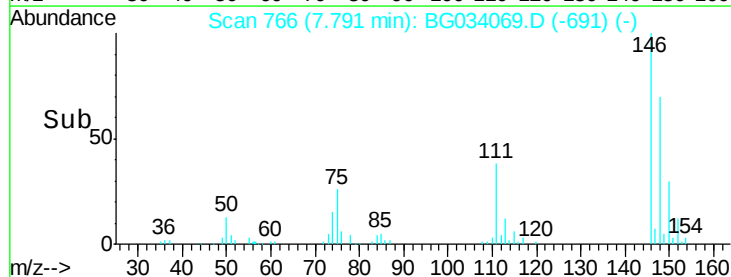
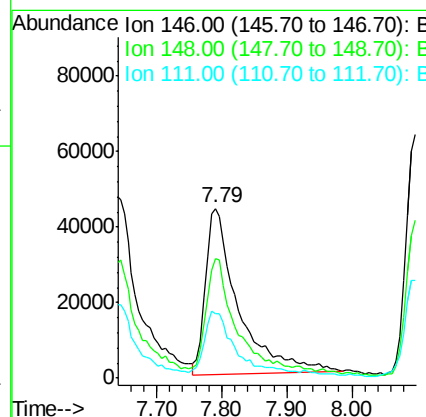
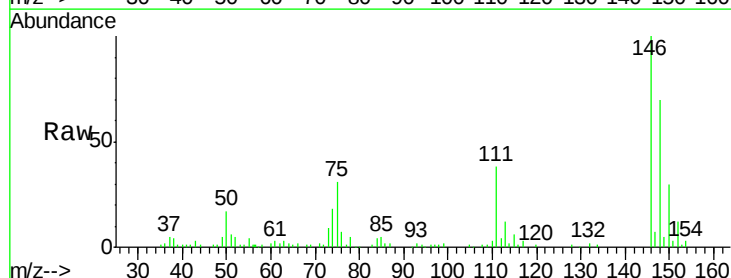
Instrument :
 BNA_G
 ClientSampleId :

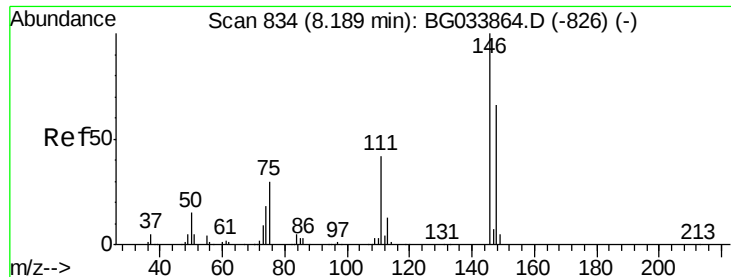
Tot Ion:146 Resp: 147337
 Ion Ratio Lower Upper
 146 100
 148 61.4 51.4 77.2
 75 27.2 26.6 39.8



#13
 1,4-Dichlorobenzene
 Concen: 53.90 ng
 RT: 7.79 min Scan# 766
 Delta R.T. -0.09 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

Tgt Ion:146 Resp: 155628
 Ion Ratio Lower Upper
 146 100
 148 70.0 53.7 80.5
 111 37.8 35.2 52.8





#14

1,2-Dichlorobenzene

Concen: 55.86 ng

RT: 8.10 min Scan# 818

Delta R.T. -0.09 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampleId :

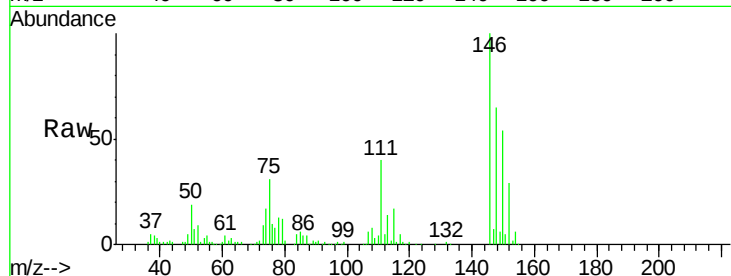
Tot Ion:146 Resp: 156865

Ion Ratio Lower Upper

146 100

148 65.1 49.3 73.9

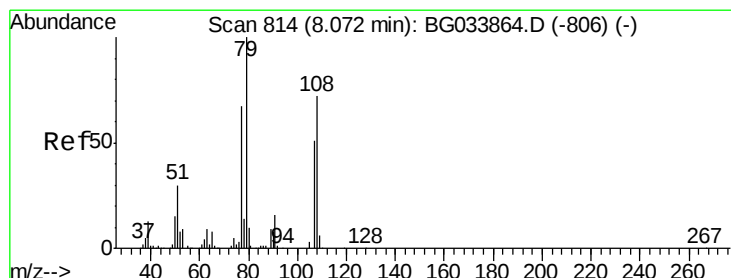
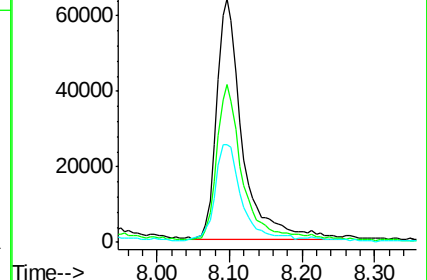
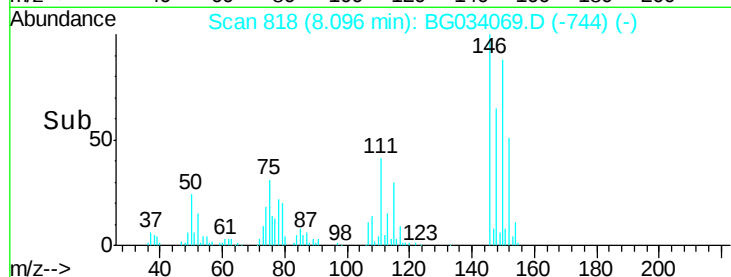
111 40.1 34.3 51.5



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: 14.44 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.05 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

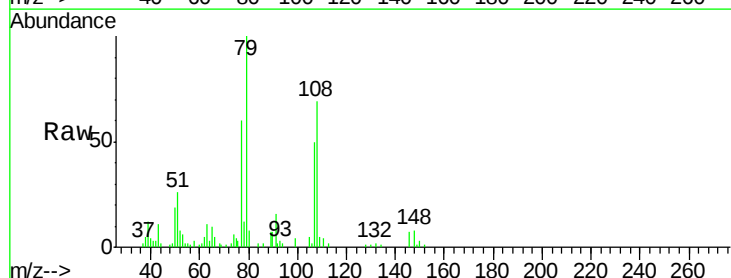
Tgt Ion: 79 Resp: 40596

Ion Ratio Lower Upper

79 100

108 68.6 57.2 85.8

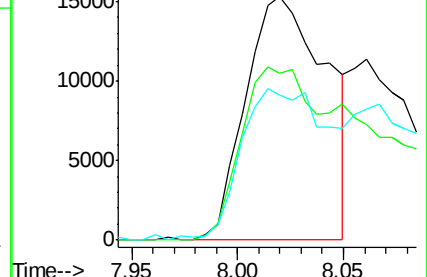
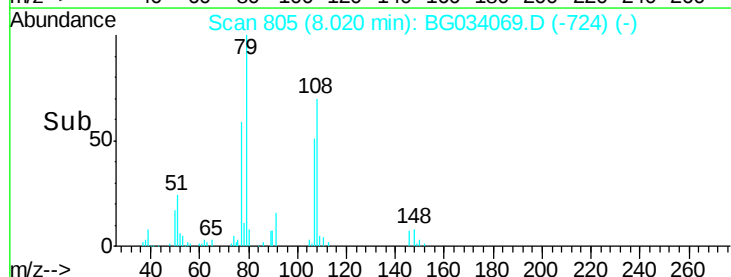
77 59.6 46.1 69.1

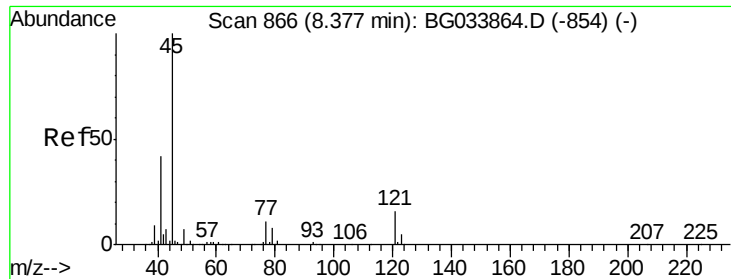


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

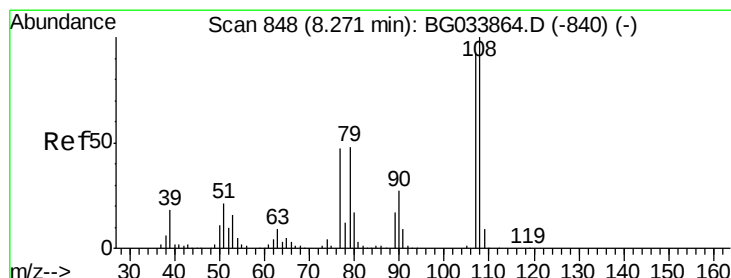
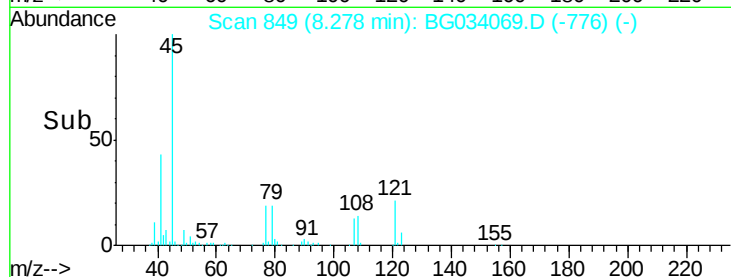
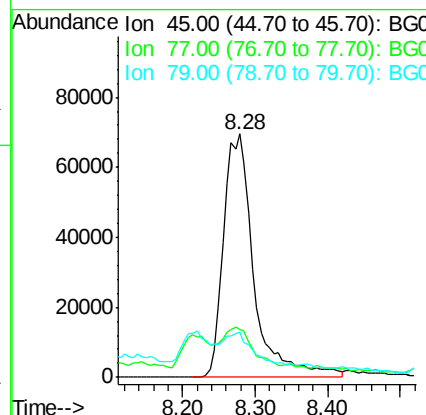
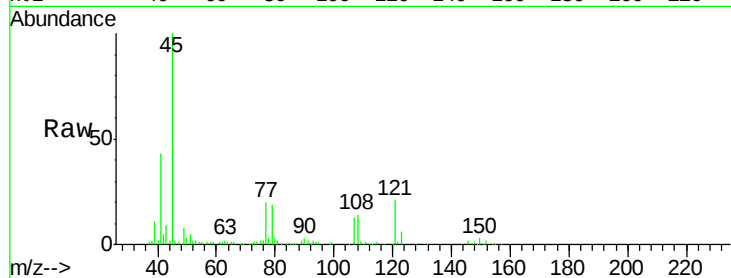




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 41.09 ng
 RT: 8.28 min Scan# 849
 Delta R.T. -0.10 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

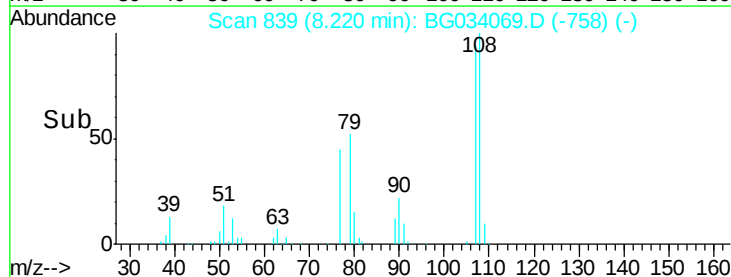
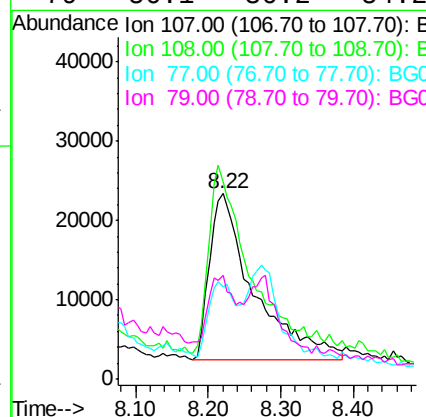
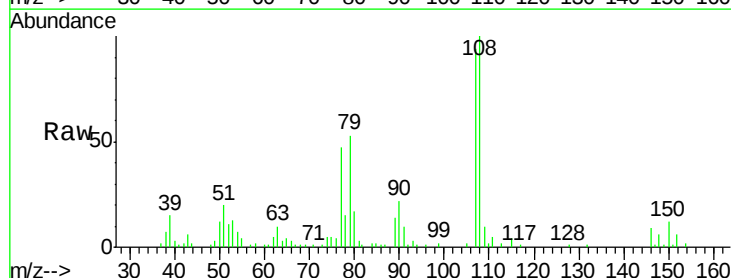
Instrument :
 BNA_G
 ClientSampleId :

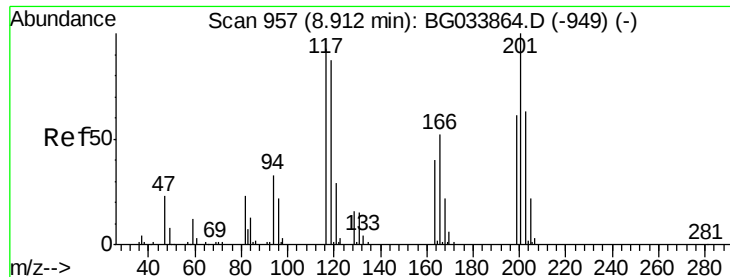
Tot Ion: 45 Resp: 202424
 Ion Ratio Lower Upper
 45 100
 77 19.7 0.0 30.2
 79 18.8 0.0 27.9



#17
 2-Methylphenol
 Concen: 36.36 ng
 RT: 8.22 min Scan# 839
 Delta R.T. -0.05 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

Tgt Ion:107 Resp: 88982
 Ion Ratio Lower Upper
 107 100
 108 106.1 83.9 125.9
 77 49.6 37.2 55.8
 79 56.1 36.2 54.2#

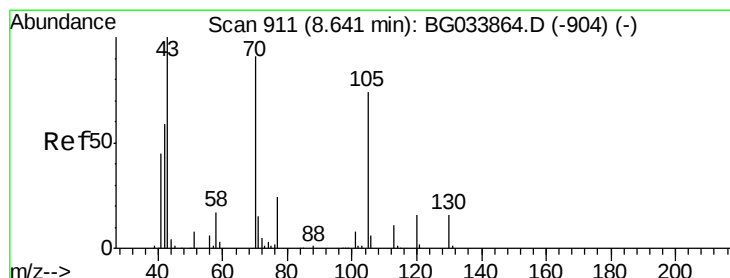
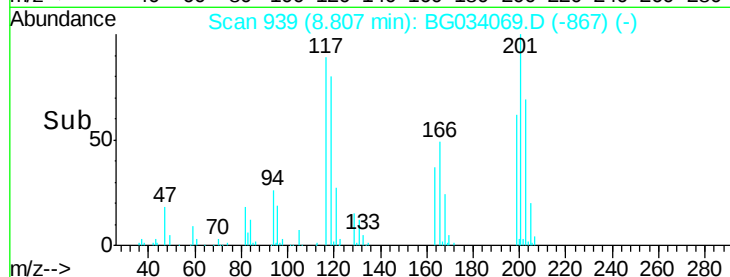
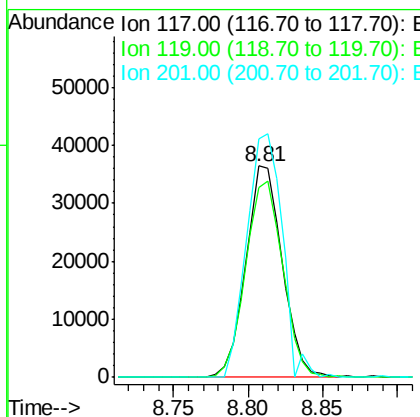
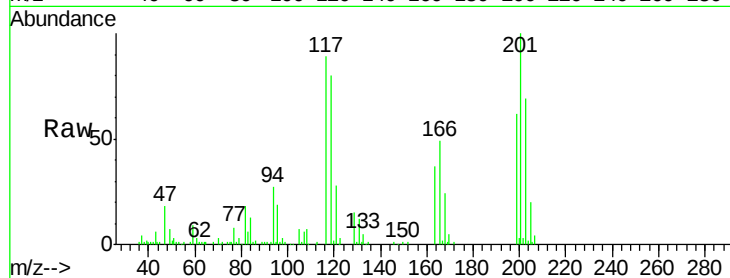




#18
Hexachloroethane
Concen: 58.17 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.10 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

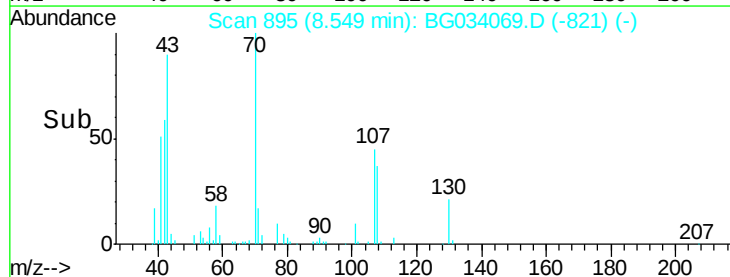
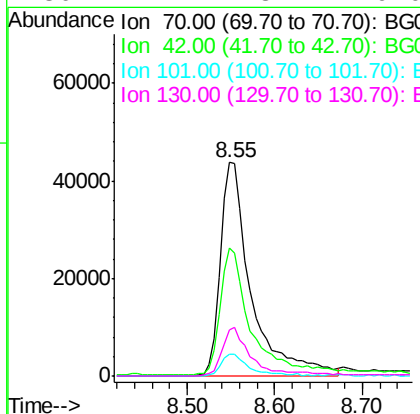
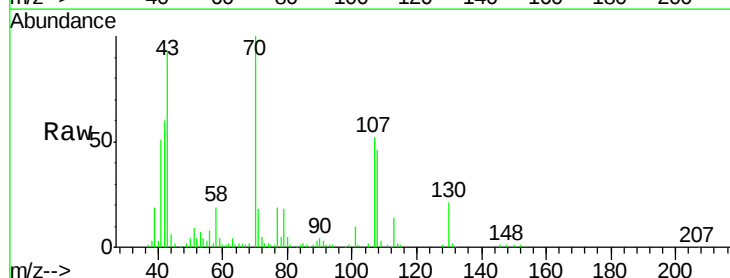
Instrument :
BNA_G
ClientSampled :

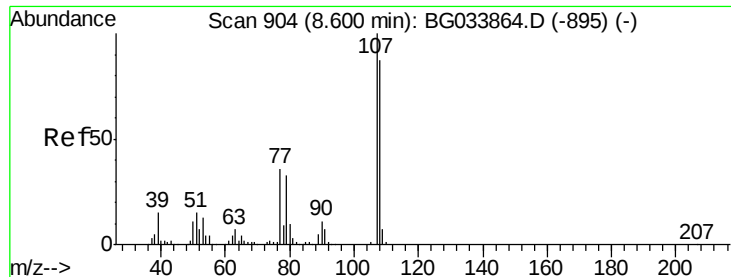
Tot Ion:117 Resp: 61380
Ion Ratio Lower Upper
117 100
119 90.1 76.7 115.1
201 116.3 95.7 143.5



#19
n-Nitroso-di-n-propylamine
Concen: 38.79 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.09 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion: 70 Resp: 106587
Ion Ratio Lower Upper
70 100
42 59.7 49.1 73.7
101 10.4 8.5 12.7
130 21.4 13.4 20.0#





#20

3+4-Methylphenols

Concen: 30.10 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.05 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 107035

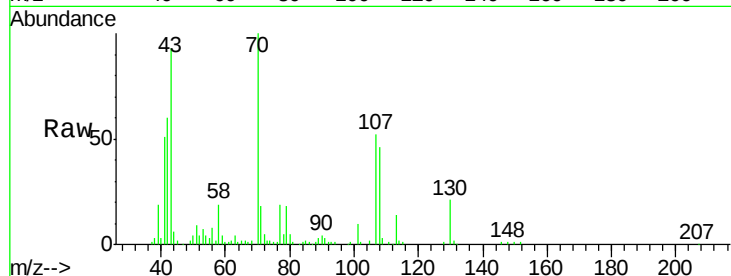
Ion Ratio Lower Upper

107 100

108 89.8 61.6 101.6

77 36.1 13.9 53.9

79 34.7 8.8 48.8

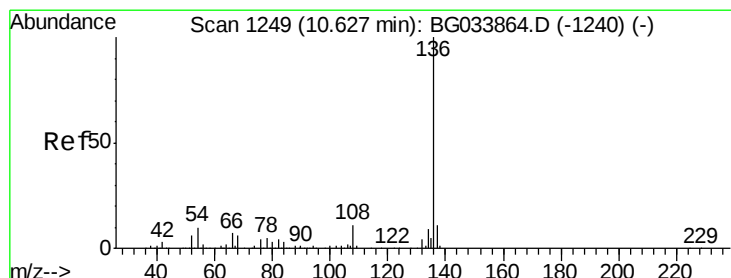
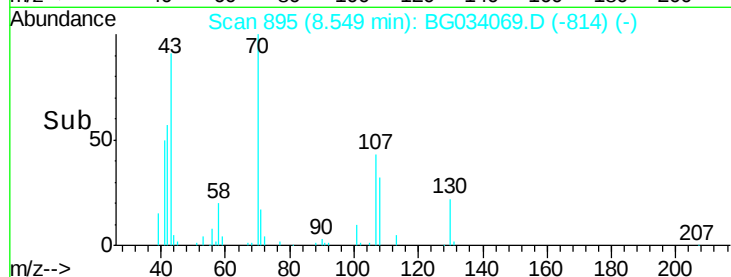
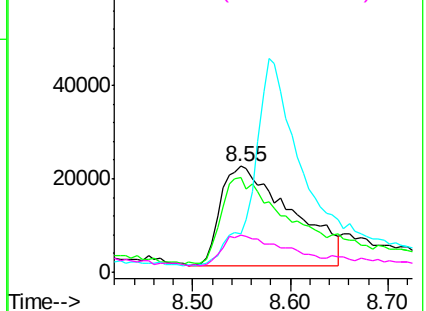


Abundance Ion 107.00 (106.70 to 107.70): E

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: BG034069.D

Acq: 28 Apr 2018 11:28

Tgt Ion:136 Resp: 234783

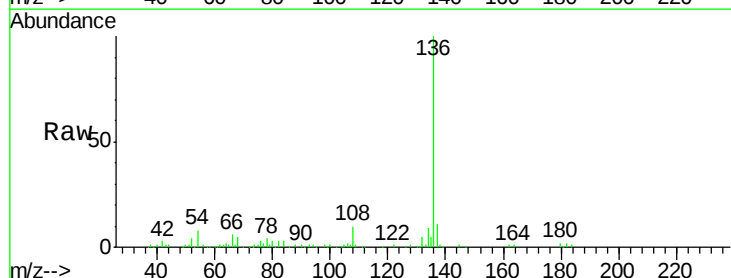
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.9 10.3 15.5#

68 4.9 4.5 6.7

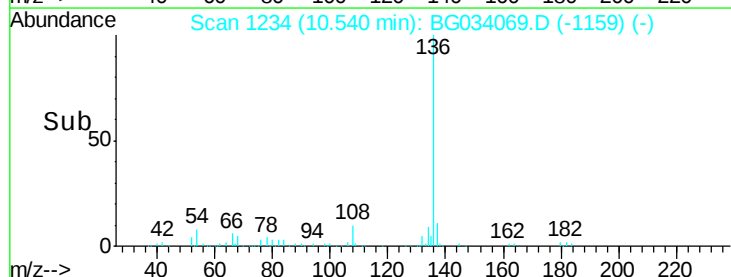
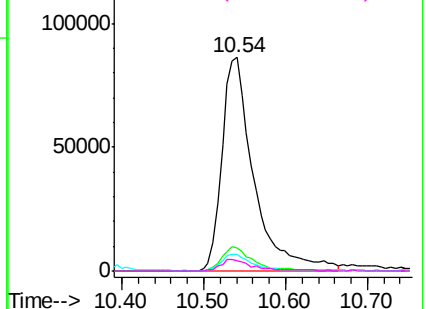


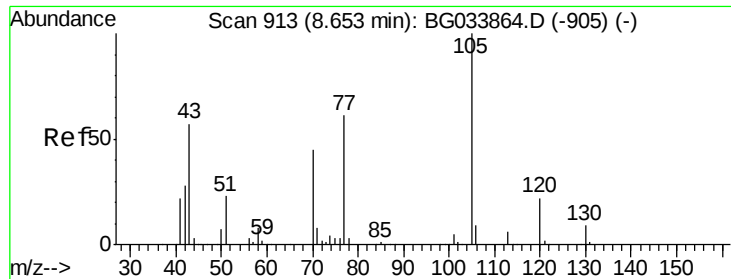
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 27.58 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.07 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 176257

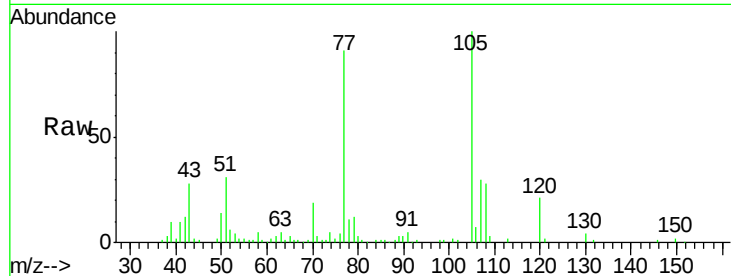
Ion Ratio Lower Upper

105 100

71 3.0 3.0 4.4

51 30.7 26.1 39.1

120 21.2 17.4 26.2

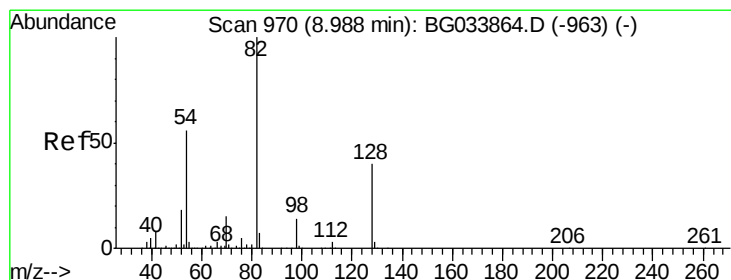
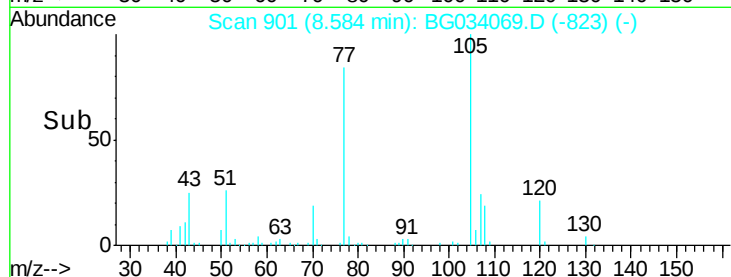
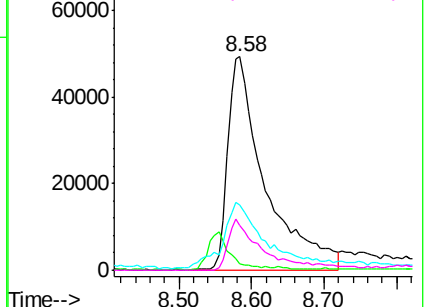


Abundance Ion 105.00 (104.70 to 105.70): E

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: 68.89 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.08 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

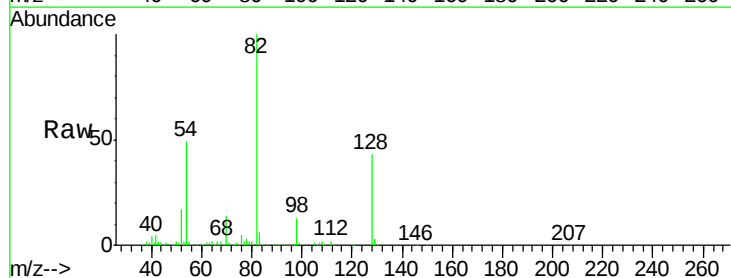
Tgt Ion: 82 Resp: 284199

Ion Ratio Lower Upper

82 100

128 42.7 29.7 44.5

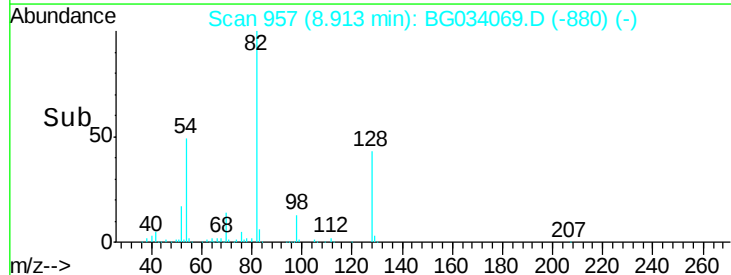
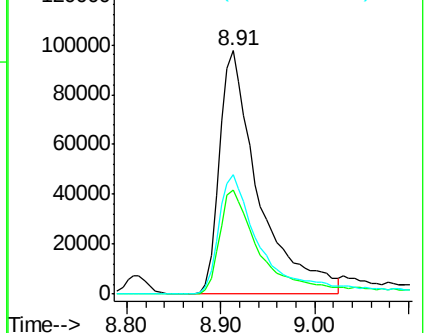
54 48.8 43.1 64.7

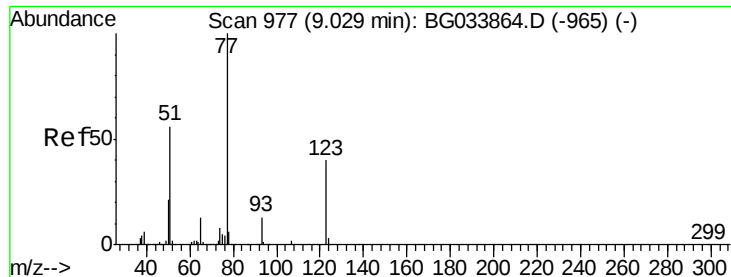


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 31.04 ng

RT: 8.96 min Scan# 965

Delta R.T. -0.07 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampleId :

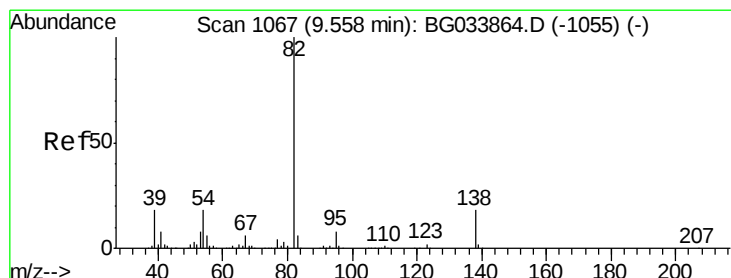
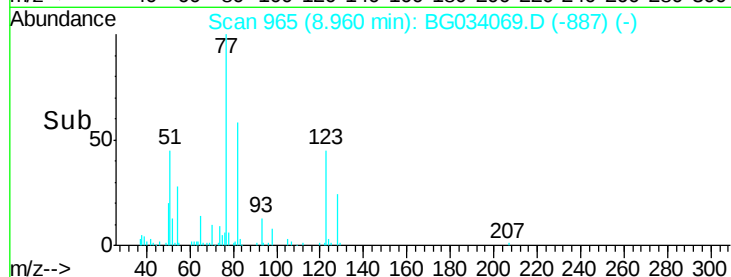
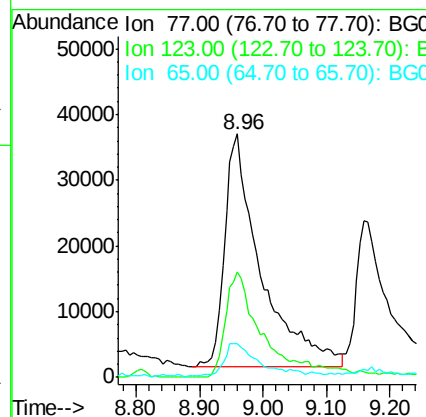
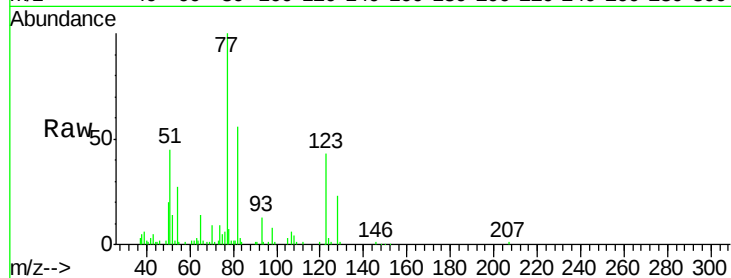
Tot Ion: 77 Resp: 139563

Ion Ratio Lower Upper

77 100

123 43.3 33.0 49.6

65 13.8 13.0 19.6



#25

Isophorone

Concen: 34.64 ng

RT: 9.46 min Scan# 1050

Delta R.T. -0.10 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

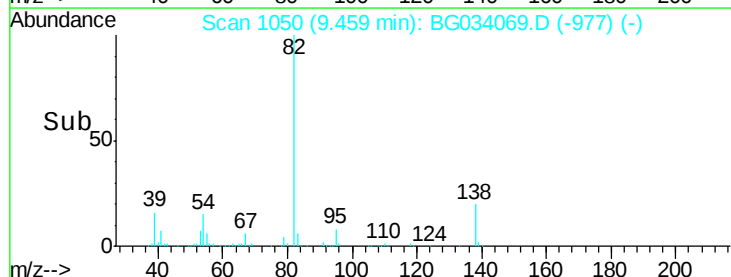
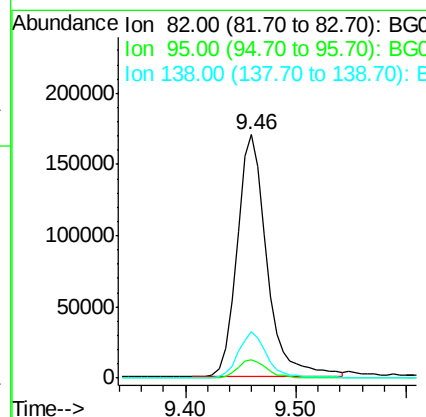
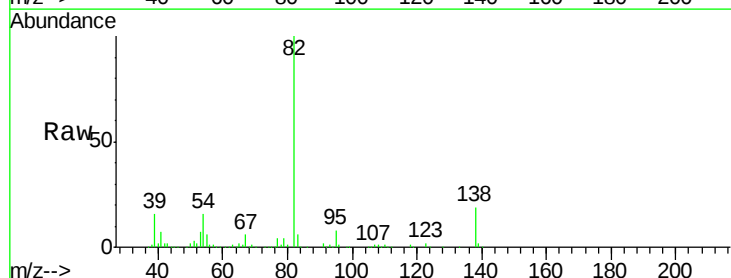
Tgt Ion: 82 Resp: 321266

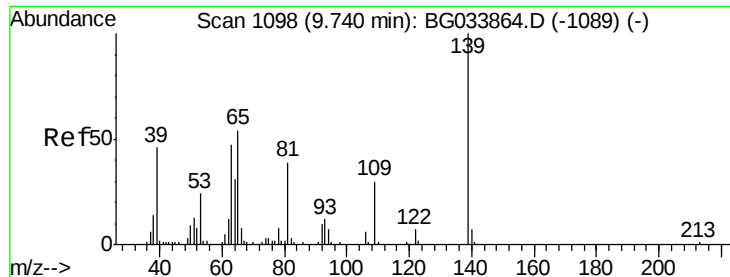
Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 18.9 12.1 18.1#

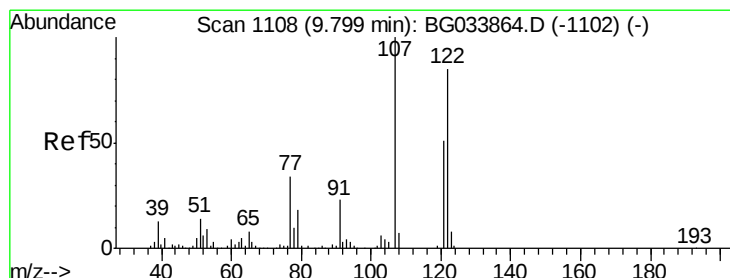
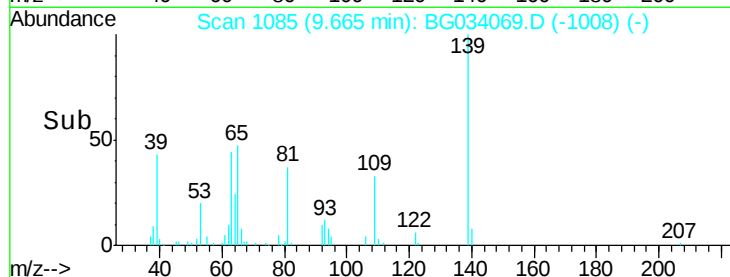
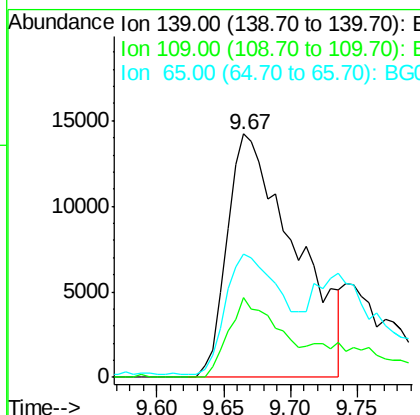
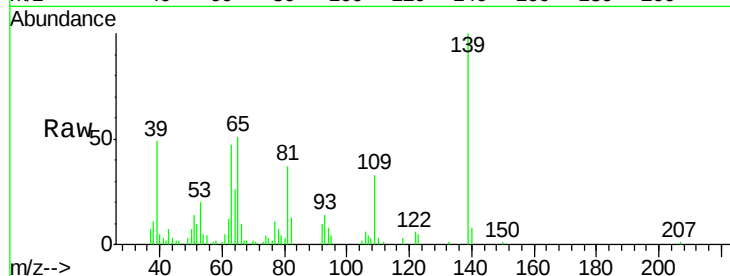




#26
2-Nitrophenol
Concen: 28.30 ng
RT: 9.67 min Scan# 1085
Delta R.T. -0.08 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

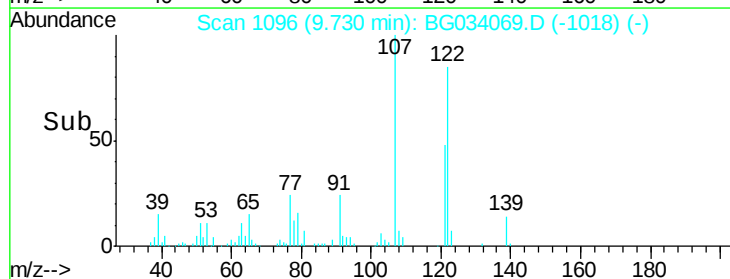
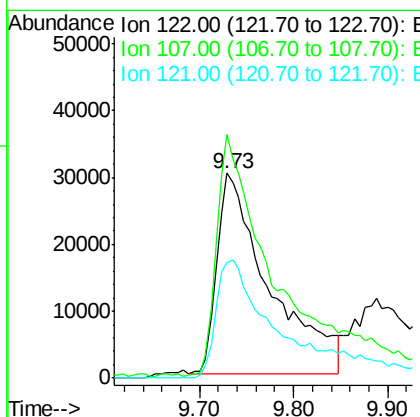
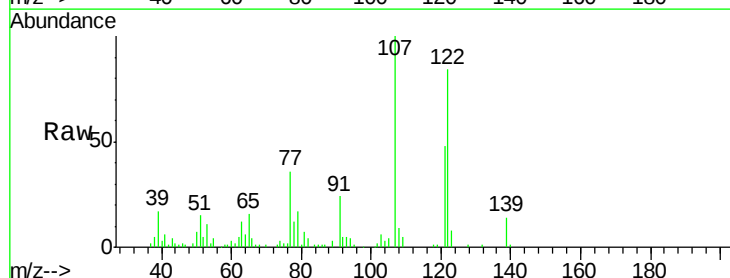
Instrument :
BNA_G
ClientSampleId :

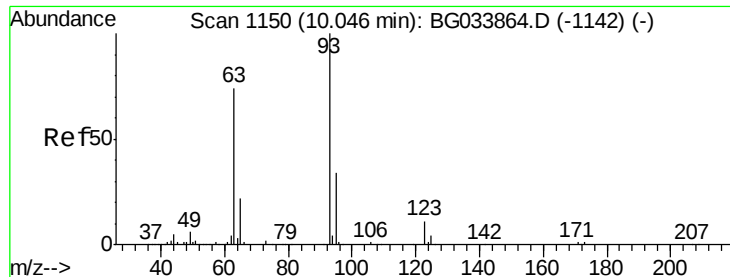
Tot Ion	Ratio	Lower	Upper
139	100		
109	32.6	24.2	36.2
65	50.7	47.4	71.0



#27
2,4-Dimethylphenol
Concen: 35.20 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.07 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.0	100.2	150.2
121	56.7	44.4	66.6

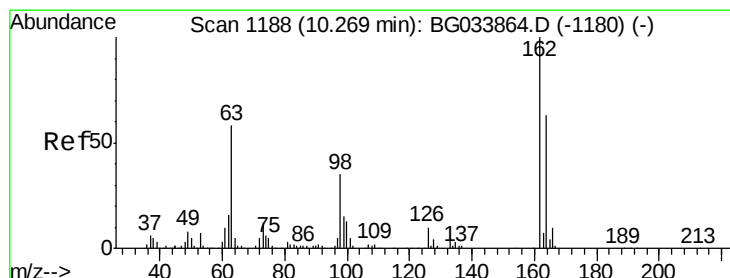
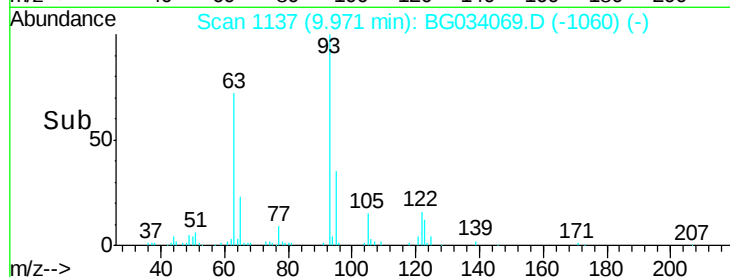
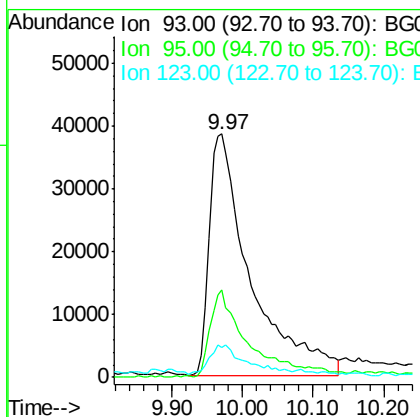
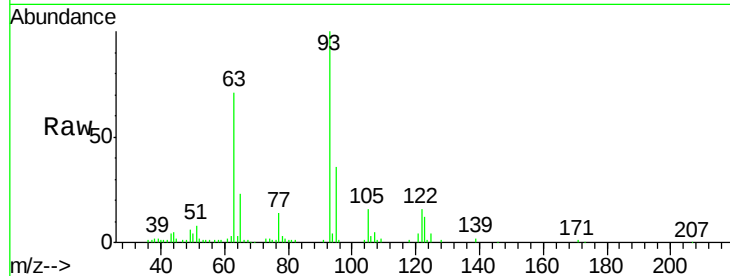




#28
 bis(2-Chloroethoxy)methane
 Concen: 31.76 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.08 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

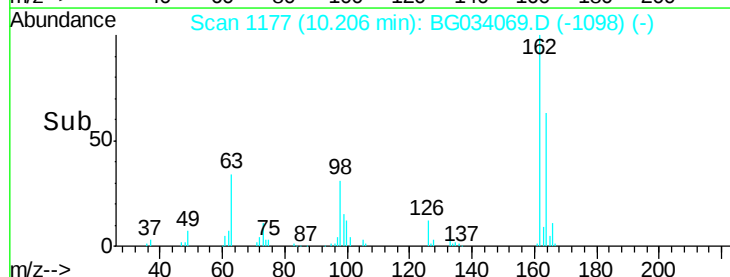
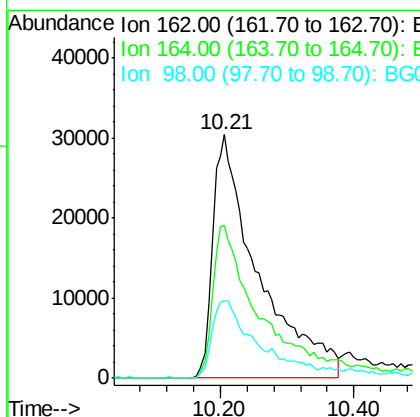
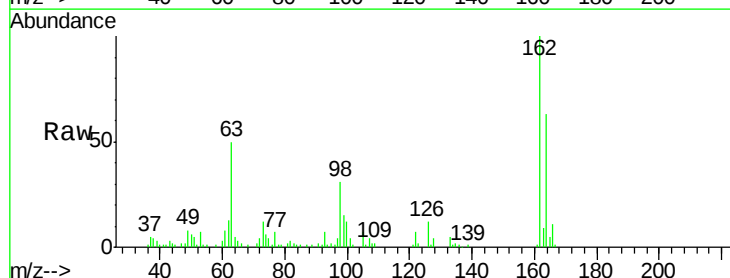
Instrument :
 BNA_G
 ClientSampleId :

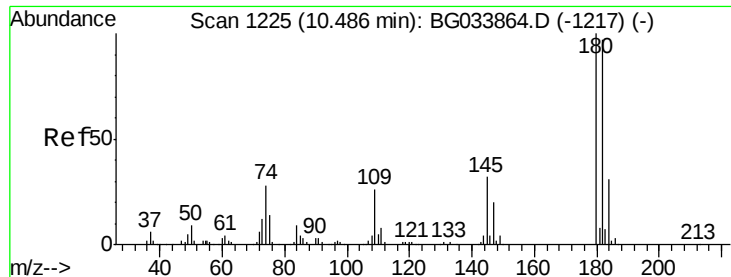
Tot Ion: 93 Resp: 155677
 Ion Ratio Lower Upper
 93 100
 95 35.7 24.3 36.5
 123 13.0 8.4 12.6#



#29
 2,4-Dichlorophenol
 Concen: 38.86 ng
 RT: 10.21 min Scan# 1177
 Delta R.T. -0.06 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

Tgt Ion: 162 Resp: 143920
 Ion Ratio Lower Upper
 162 100
 164 62.9 48.0 88.0
 98 31.5 21.1 61.1

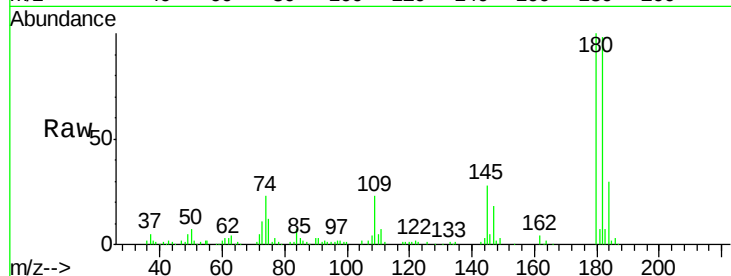




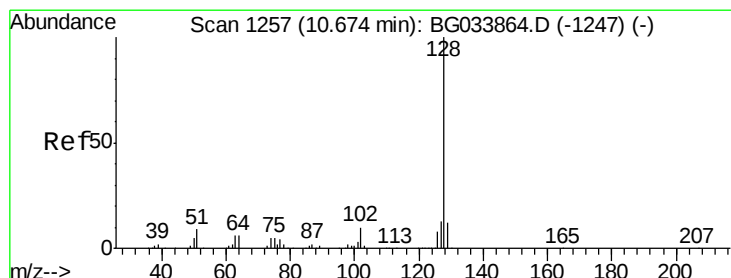
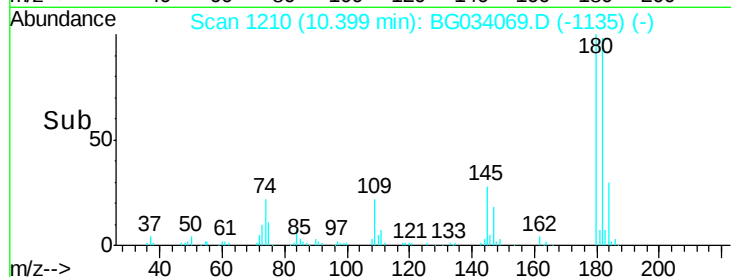
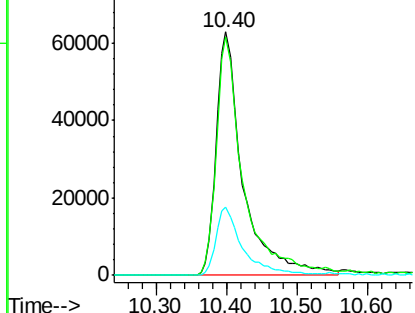
#30
 1,2,4-Trichlorobenzene
 Concen: 40.07 ng
 RT: 10.40 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:180 Resp: 166228
 Ion Ratio Lower Upper
 180 100
 182 97.9 77.5 116.3
 145 28.2 23.4 35.2

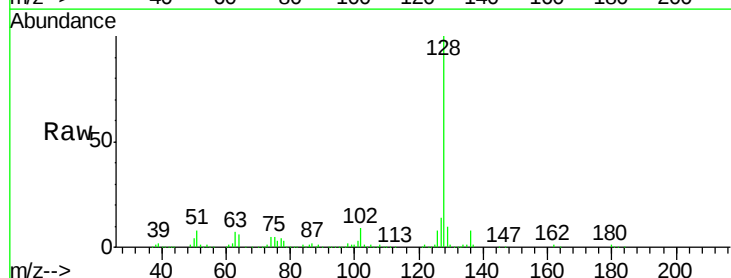


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

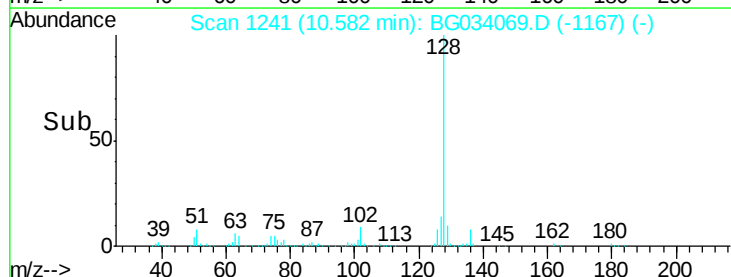
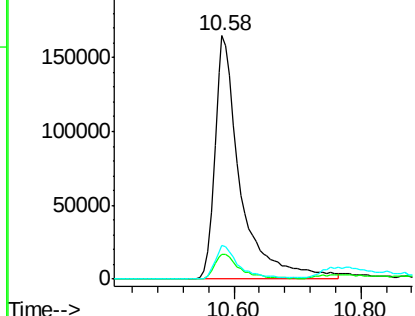


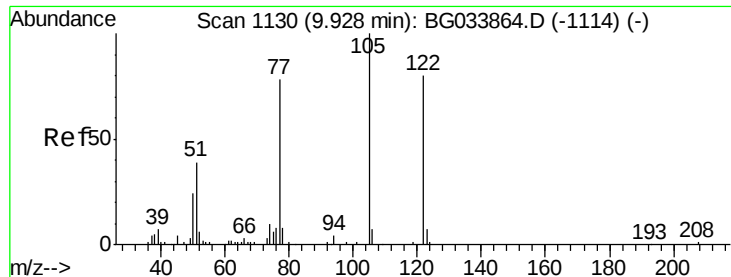
#31
 Naphthalene
 Concen: 38.67 ng
 RT: 10.58 min Scan# 1241
 Delta R.T. -0.09 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

Tgt Ion:128 Resp: 466942
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.6 12.8
 127 14.0 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 9.89 ng

RT: 9.89 min Scan# 1123

Delta R.T. -0.04 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampled :

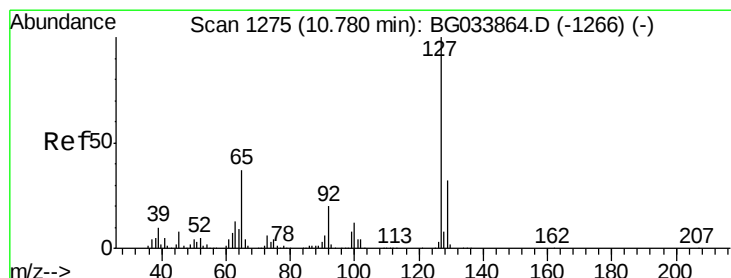
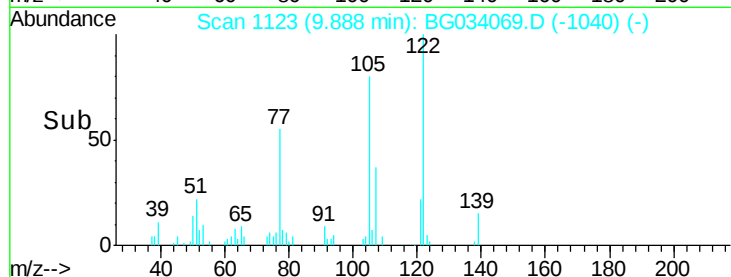
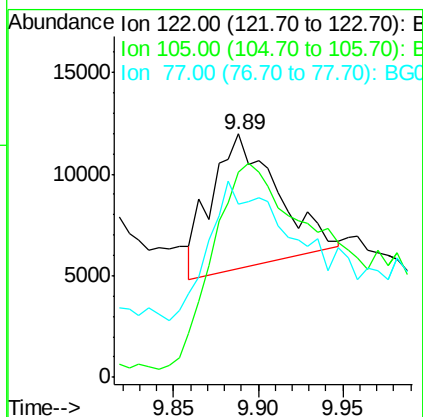
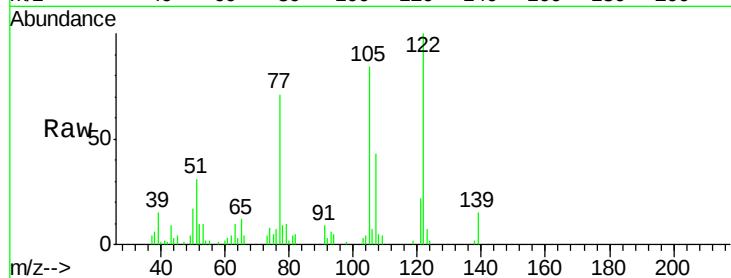
Tot Ion:122 Resp: 17802

Ion Ratio Lower Upper

122 100

105 84.2 123.5 163.5#

77 71.0 85.7 125.7#



#33

4-Chloroaniline

Concen: 2.70 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.03 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Tgt Ion:127 Resp: 15299

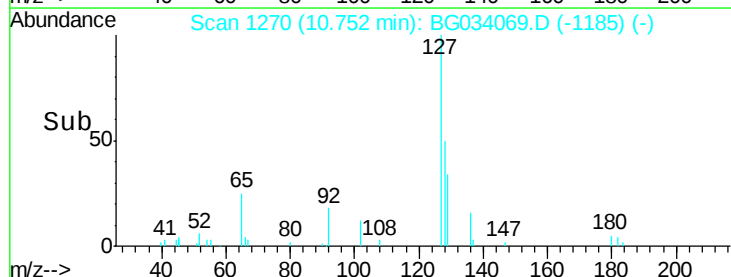
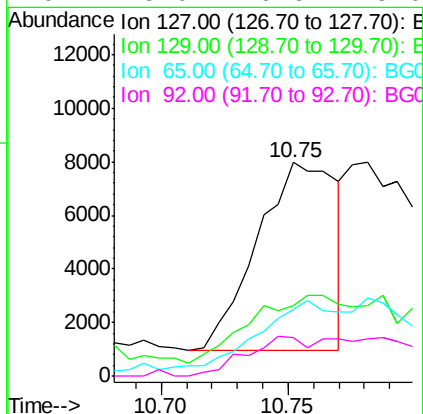
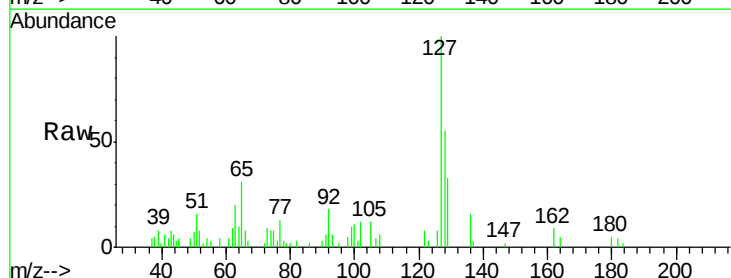
Ion Ratio Lower Upper

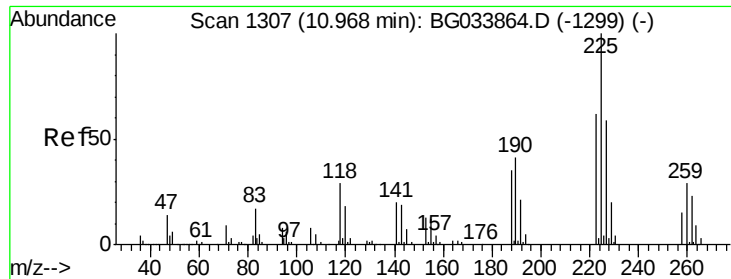
127 100

129 33.2 24.0 36.0

65 31.1 27.0 40.4

92 18.0 16.6 25.0

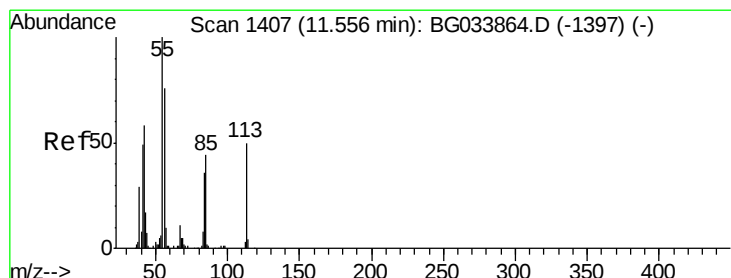
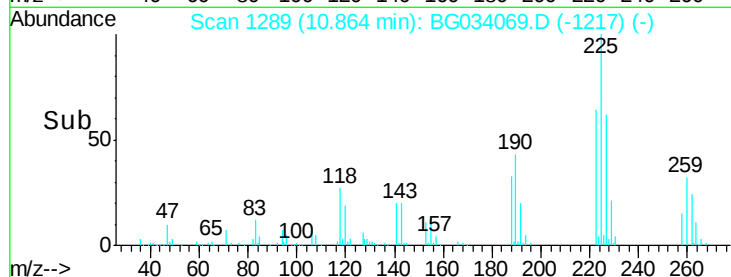
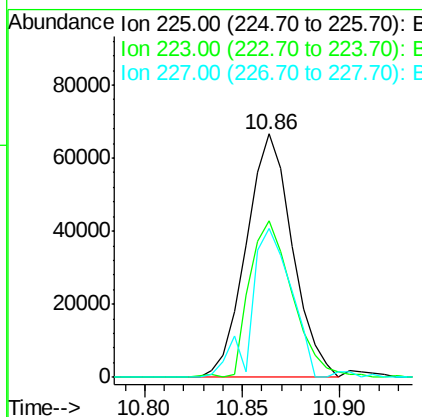
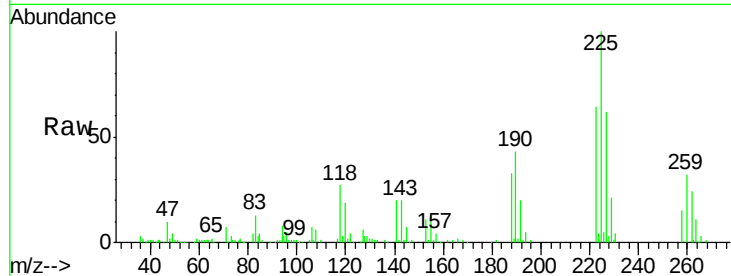




#34
Hexachlorobutadiene
Concen: 43.93 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.10 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

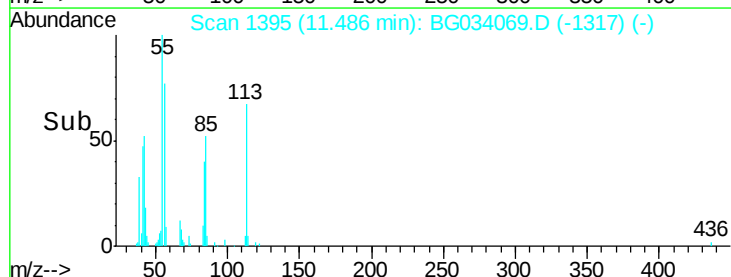
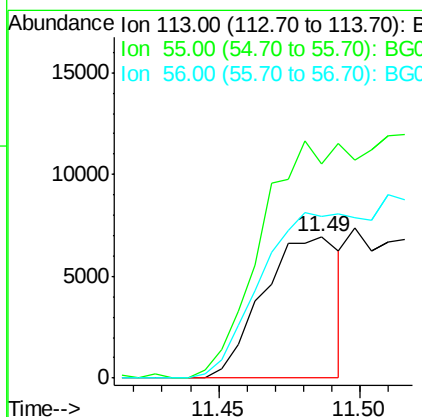
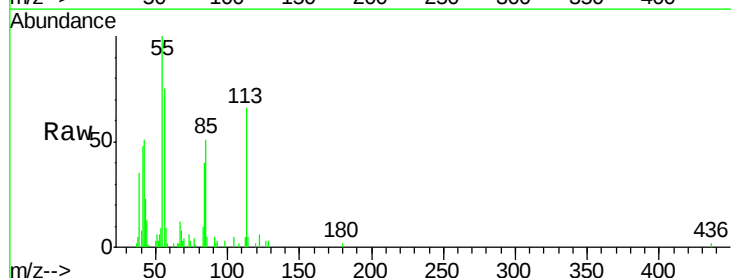
Instrument :
BNA_G
ClientSampleId :

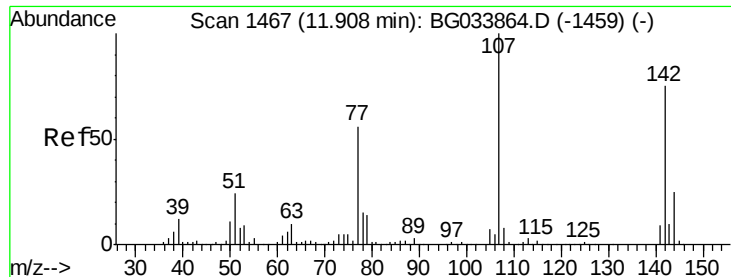
Tot Ion:225 Resp: 109020
Ion Ratio Lower Upper
225 100
223 64.3 49.7 74.5
227 61.0 48.1 72.1



#35
Caprolactam
Concen: 8.28 ng
RT: 11.49 min Scan# 1395
Delta R.T. -0.07 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion:113 Resp: 13037
Ion Ratio Lower Upper
113 100
55 151.3 186.9 226.9#
56 113.9 130.9 170.9#

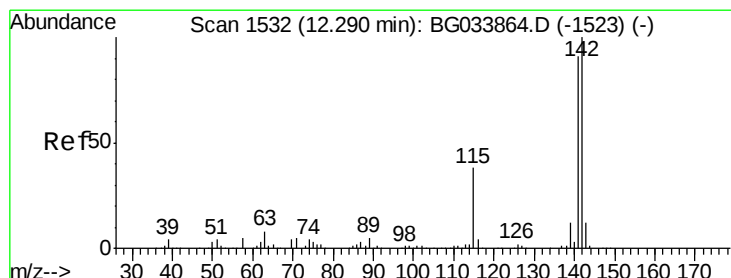
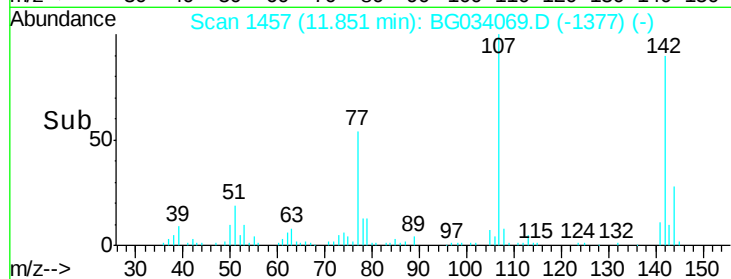
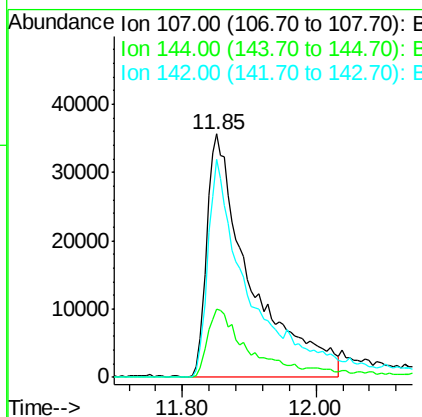
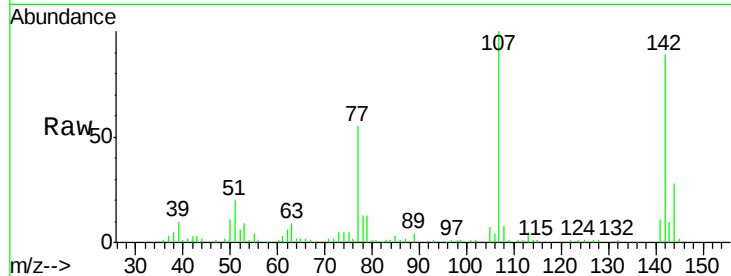




#36
4-Chloro-3-methylphenol
Concen: 36.00 ng
RT: 11.85 min Scan# 1457
Delta R.T. -0.06 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

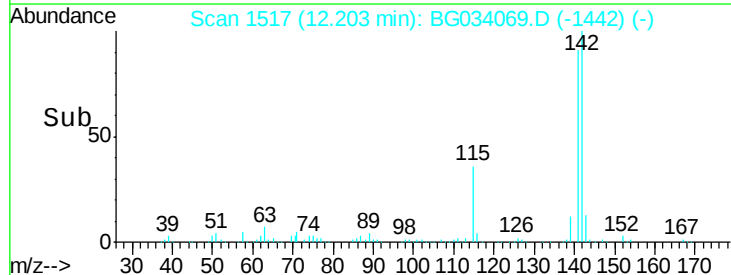
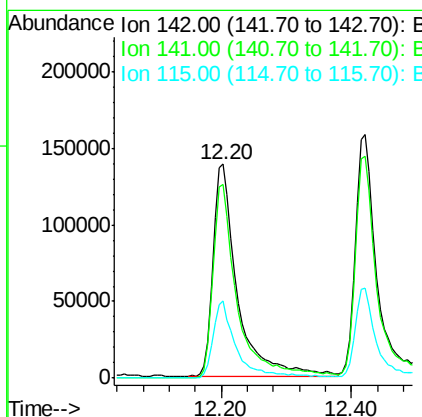
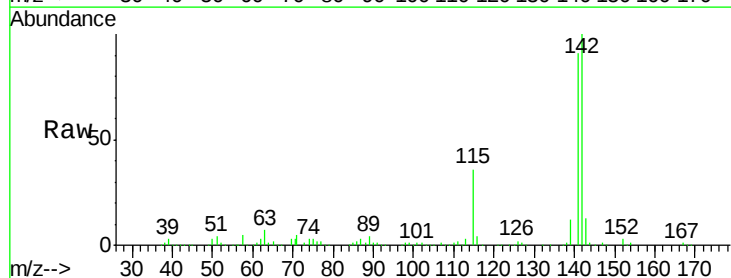
Instrument :
BNA_G
ClientSampled :

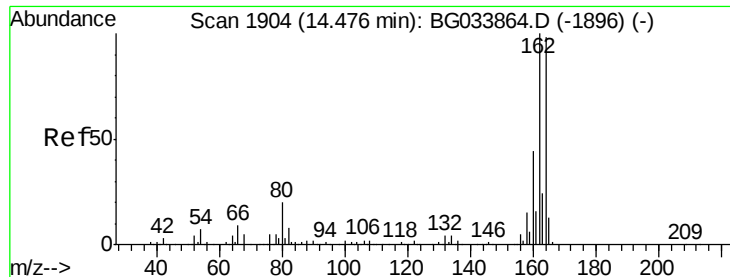
Tot Ion:107 Resp: 162722
Ion Ratio Lower Upper
107 100
144 28.3 18.2 27.4#
142 89.3 59.0 88.4#



#37
2-Methylnaphthalene
Concen: 38.60 ng
RT: 12.20 min Scan# 1517
Delta R.T. -0.09 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion:142 Resp: 356827
Ion Ratio Lower Upper
142 100
141 90.5 67.1 100.7
115 36.2 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: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampleId :

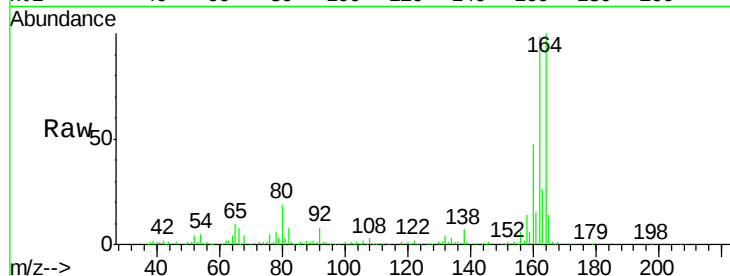
Tot Ion:164 Resp: 186253

Ion Ratio Lower Upper

164 100

162 98.1 78.8 118.2

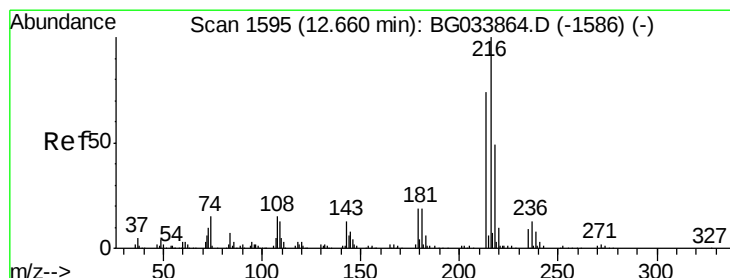
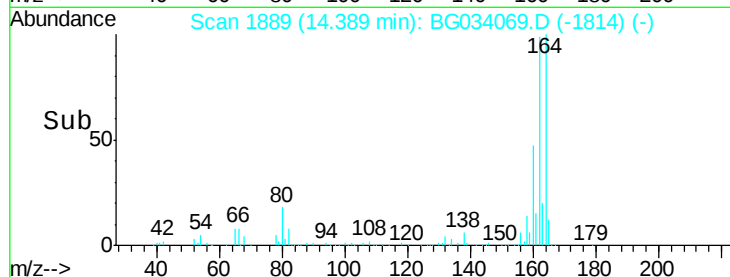
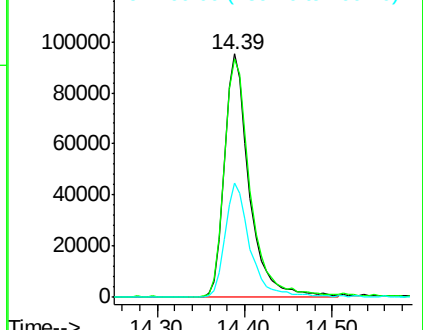
160 47.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.00 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.09 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Tgt Ion:216 Resp: 222651

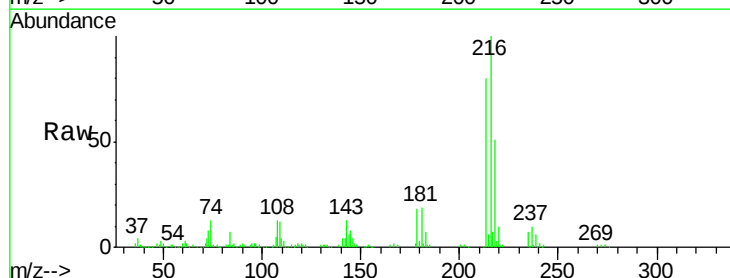
Ion Ratio Lower Upper

216 100

214 76.7 63.0 94.4

179 18.1 17.0 25.6

108 16.5 12.8 19.2

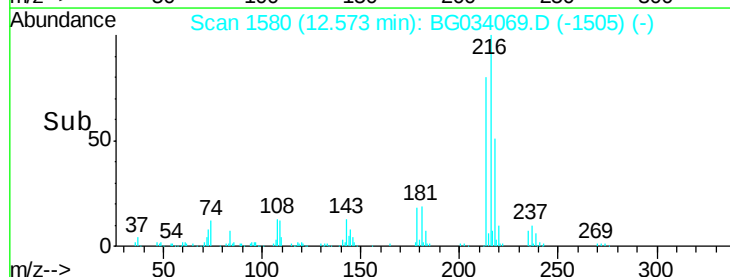
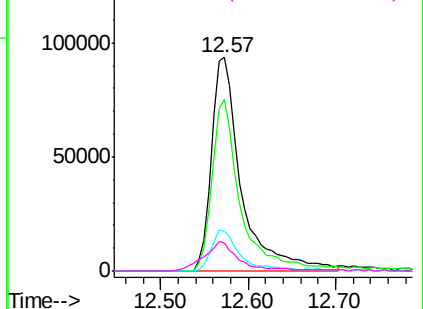


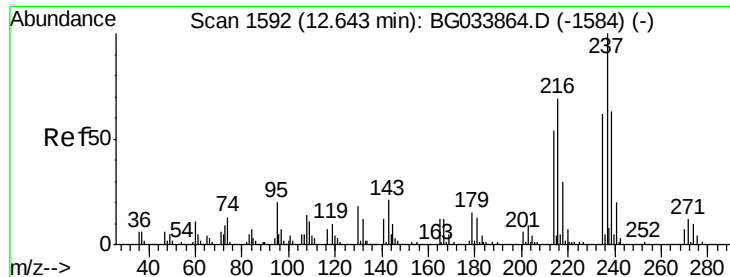
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 82.01 ng

RT: 12.55 min Scan# 1576

Delta R.T. -0.09 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampleId :

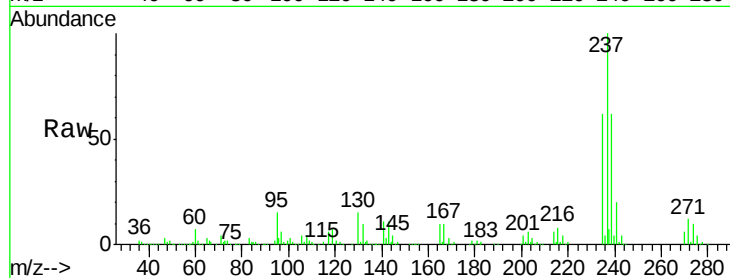
Tot Ion:237 Resp: 278882

Ion Ratio Lower Upper

237 100

235 61.6 50.4 90.4

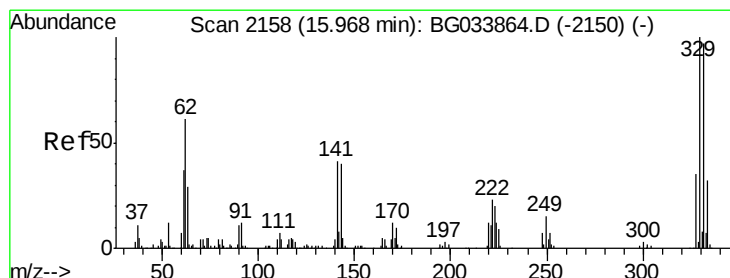
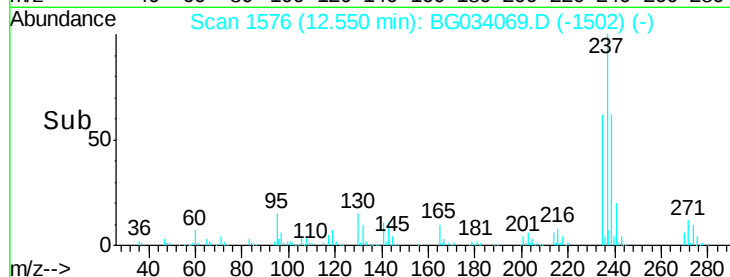
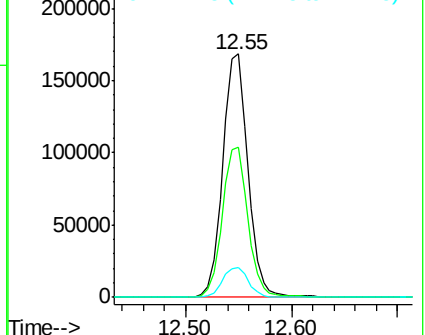
272 12.3 0.0 31.8



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: 98.00 ng

RT: 15.89 min Scan# 2144

Delta R.T. -0.08 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

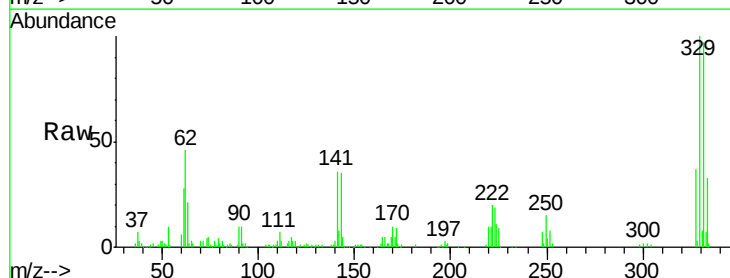
Tgt Ion:330 Resp: 212958

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

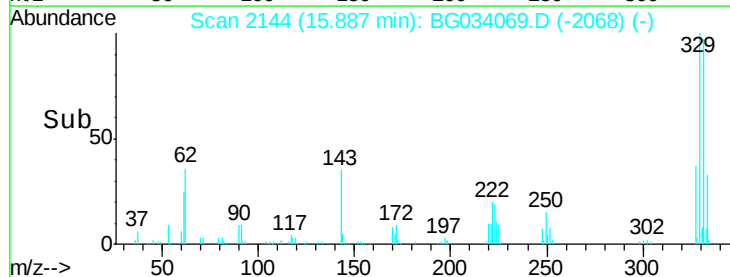
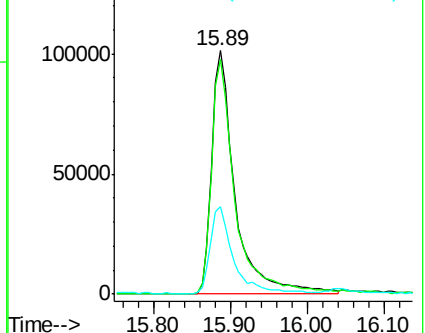
141 35.2 25.2 37.8

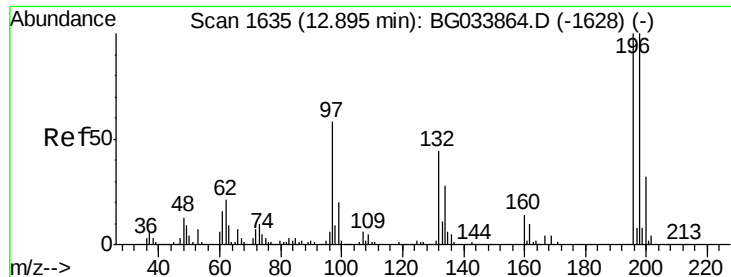


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

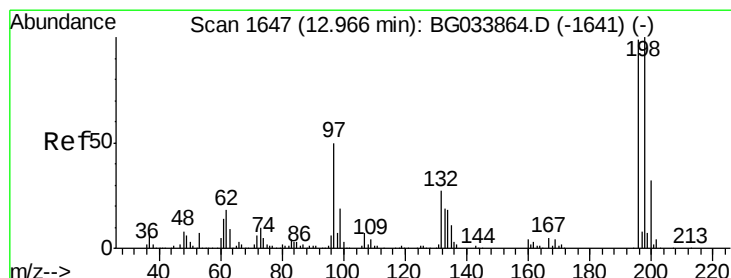
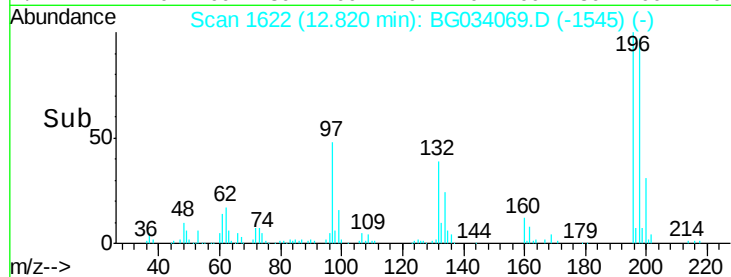
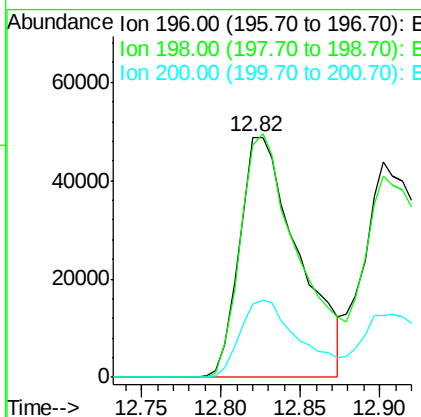
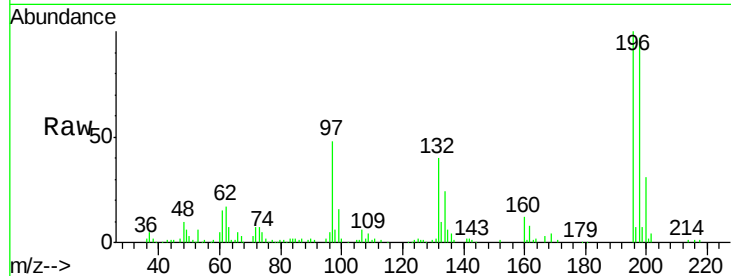




#42
 2,4,6-Trichlorophenol
 Concen: 33.33 ng
 RT: 12.82 min Scan# 1622
 Delta R.T. -0.08 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

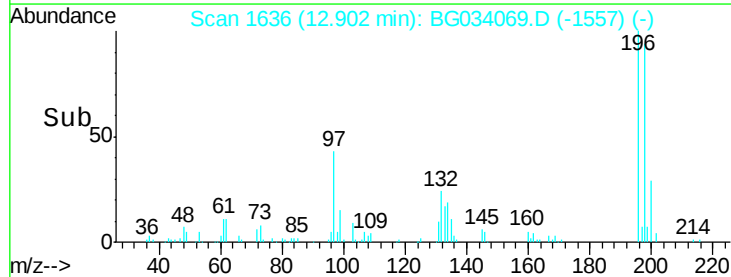
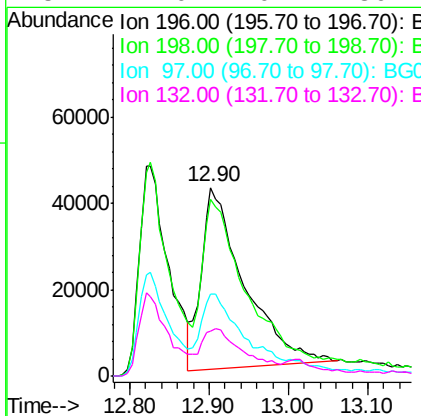
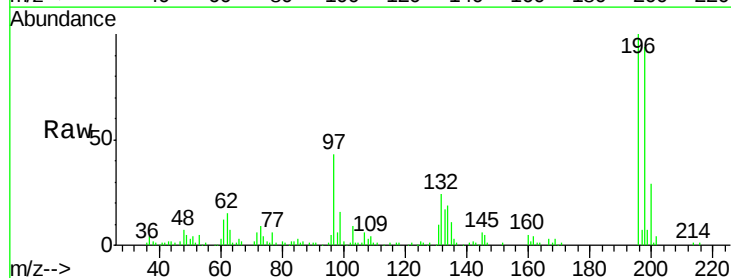
Instrument :
 BNA_G
 ClientSampleId :

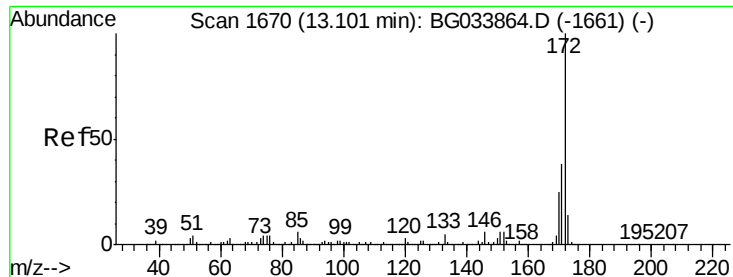
Tot Ion:196 Resp: 125687
 Ion Ratio Lower Upper
 196 100
 198 90.4 78.2 117.2
 200 30.8 24.6 36.8



#43
 2,4,5-Trichlorophenol
 Concen: 36.87 ng
 RT: 12.90 min Scan# 1636
 Delta R.T. -0.06 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

Tgt Ion:196 Resp: 159848
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.2 114.4
 97 43.1 38.7 58.1
 132 24.0 20.2 30.2



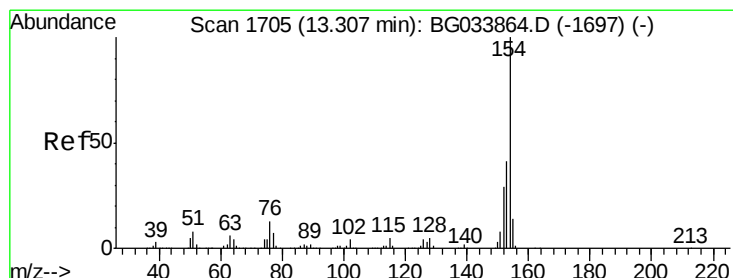
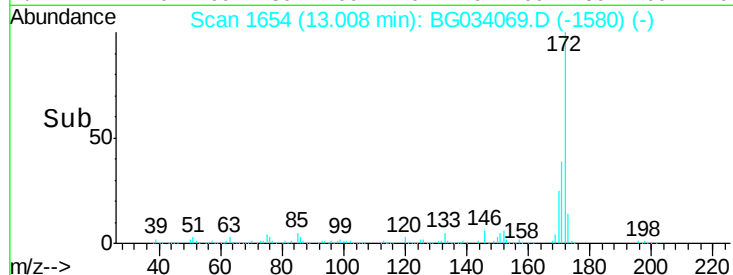
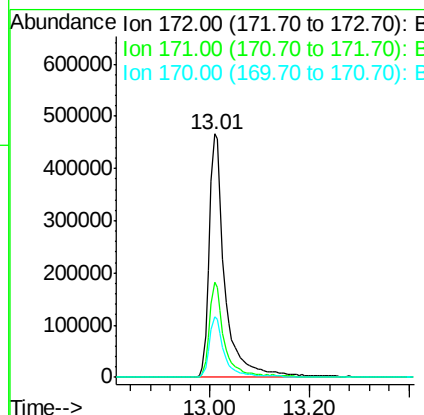
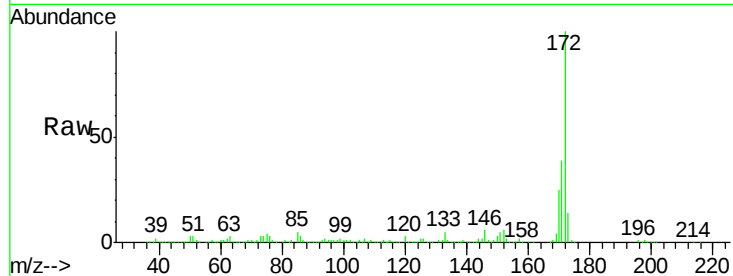


#44
 2-Fluorobiphenyl
 Concen: 81.47 ng
 RT: 13.01 min Scan# 1654
 Delta R.T. -0.09 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1032992

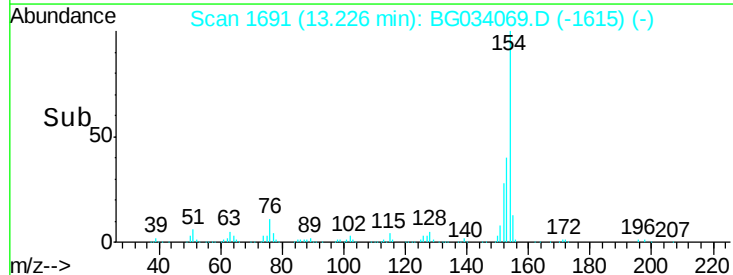
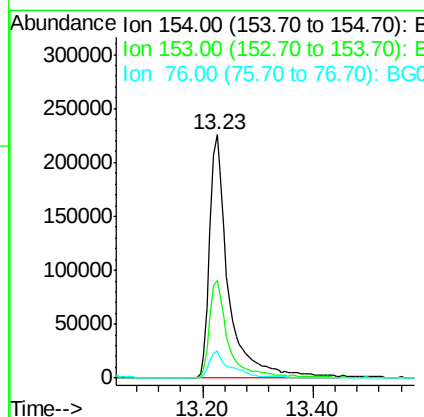
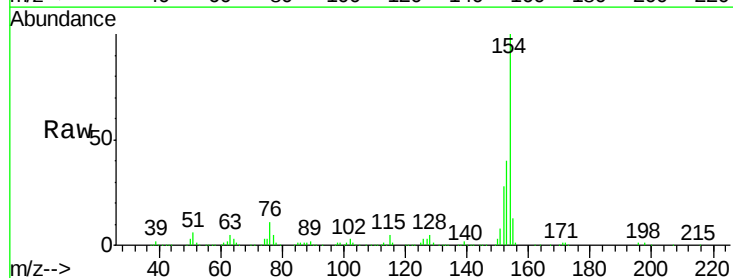
Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.0	45.0
170	25.1	19.5	29.3

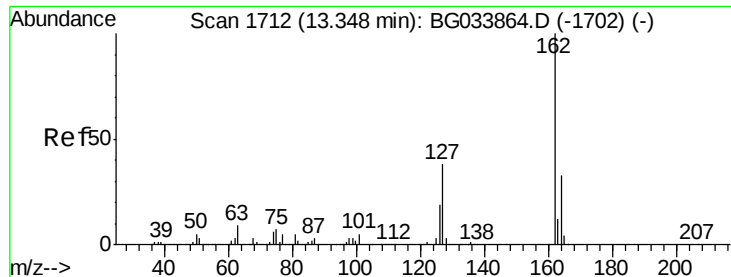


#45
 1,1'-Biphenyl
 Concen: 35.41 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.08 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

Tgt Ion:154 Resp: 533913

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.8	59.8
76	11.1	0.0	31.9

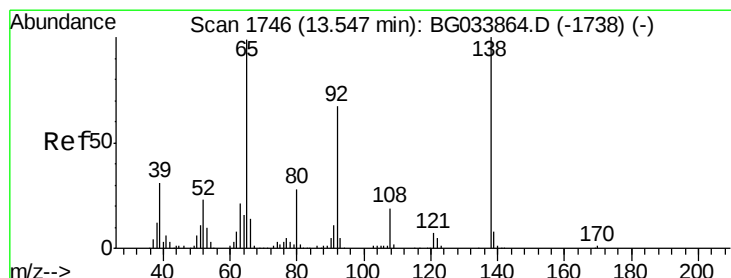
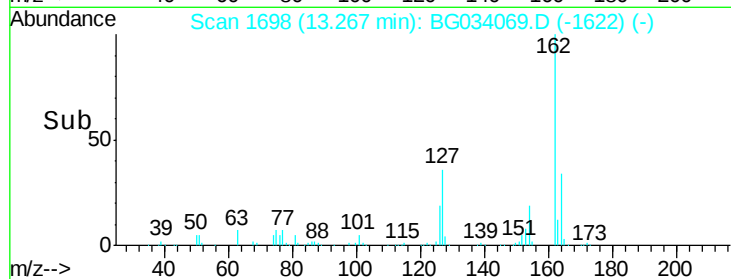
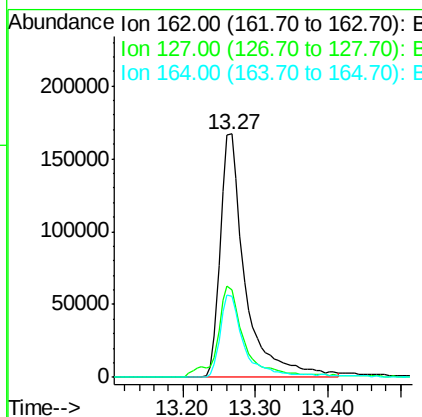
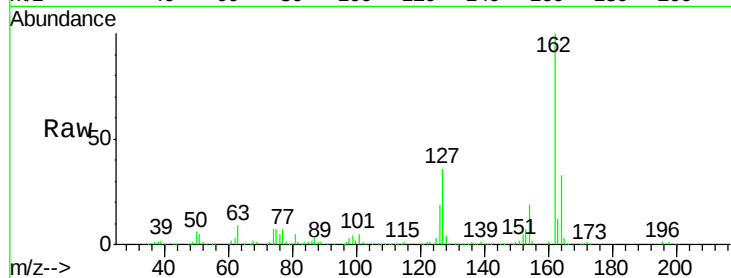




#46
2-Chloronaphthalene
Concen: 35.05 ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.08 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

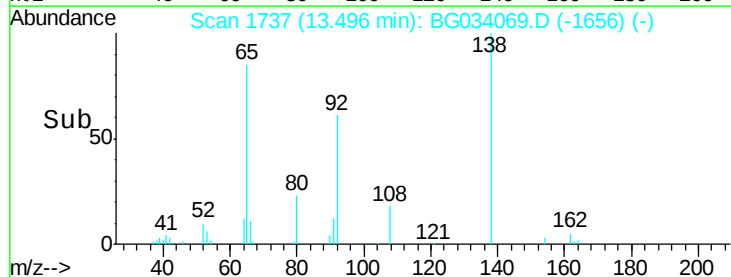
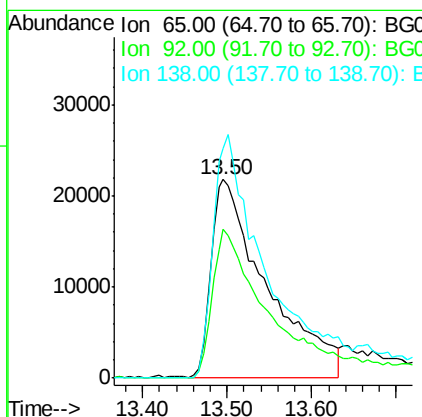
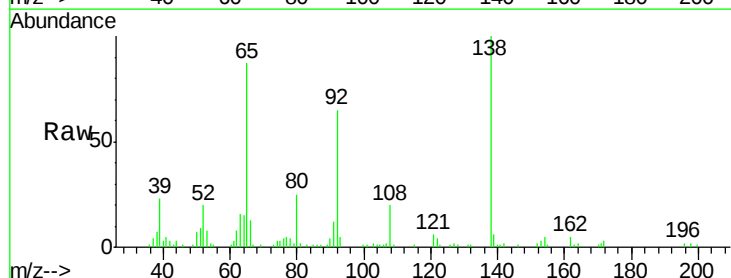
Instrument :
BNA_G
ClientSampleId :

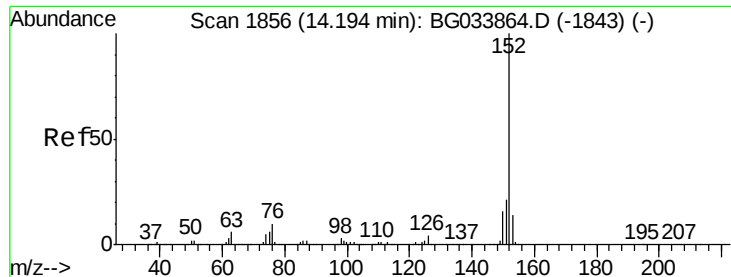
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.9	30.7	46.1
164	33.3	26.0	39.0



#47
2-Nitroaniline
Concen: 27.94 ng
RT: 13.50 min Scan# 1737
Delta R.T. -0.05 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	54.6	82.0
138	115.5	72.9	109.3





#48

Acenaphthylene

Concen: 35.68 ng

RT: 14.11 min Scan# 1841

Delta R.T. -0.09 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampleId :

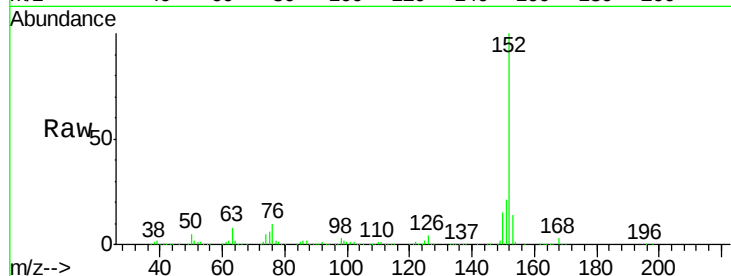
Tot Ion:152 Resp: 677986

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

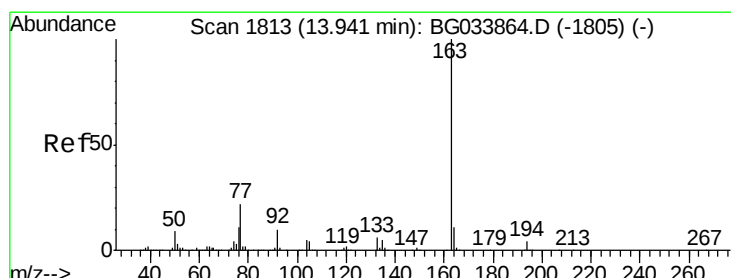
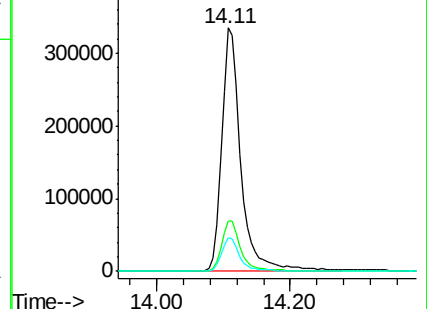
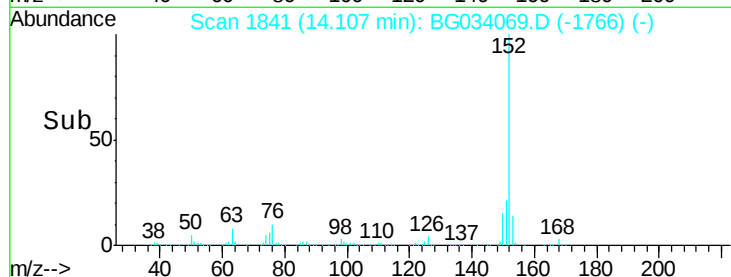
153 13.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 36.69 ng

RT: 13.85 min Scan# 1798

Delta R.T. -0.09 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

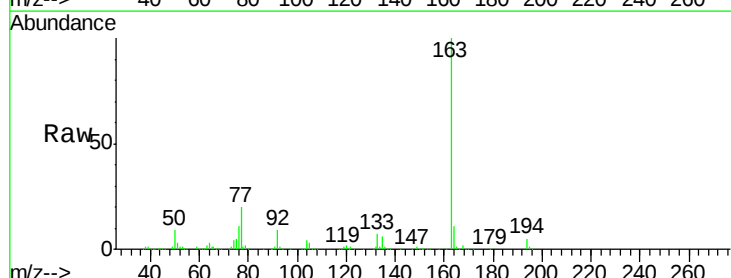
Tgt Ion:163 Resp: 601198

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

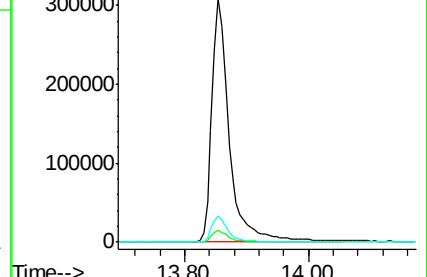
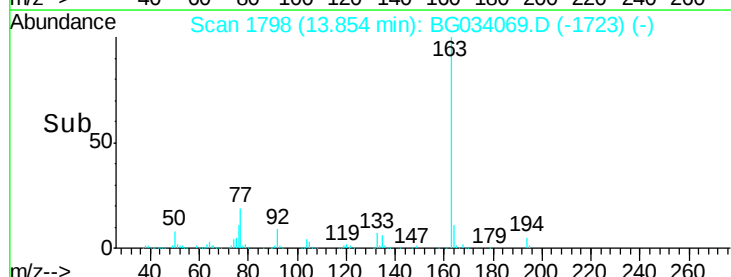
164 10.8 8.2 12.4

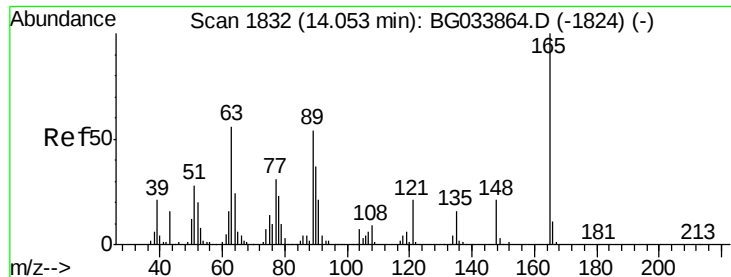


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

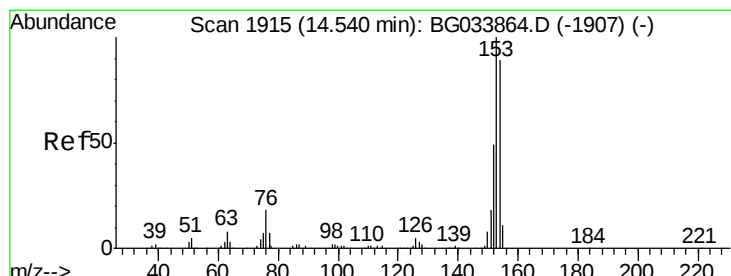
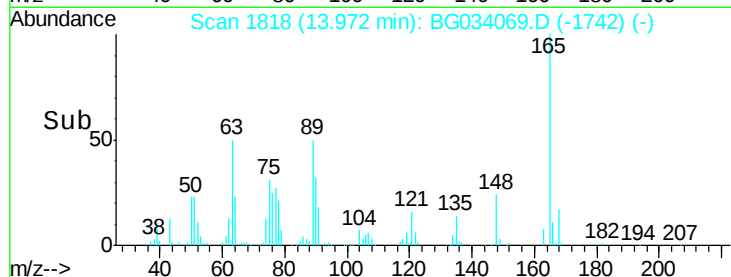
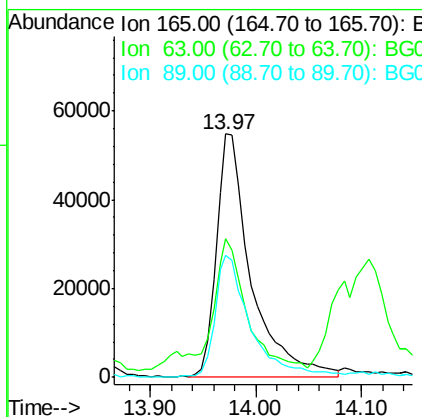
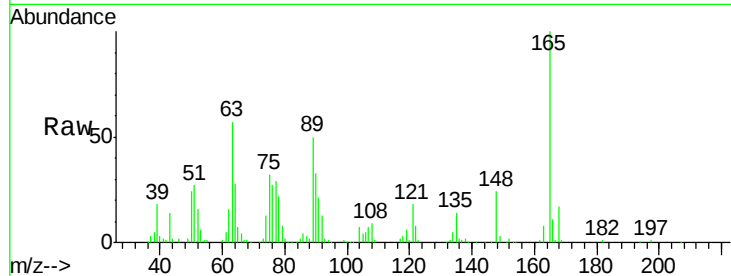




#50
2,6-Dinitrotoluene
Concen: 40.59 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.08 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

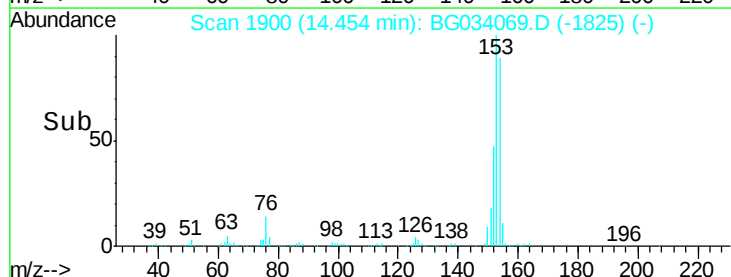
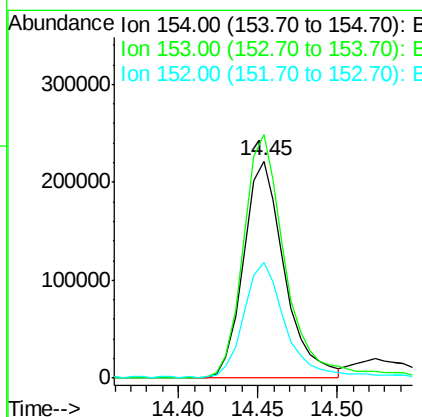
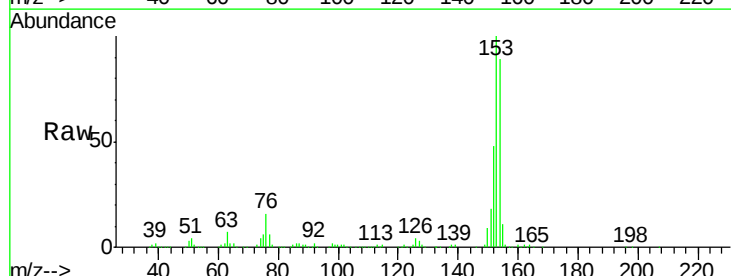
Instrument :
BNA_G
ClientSampleId :

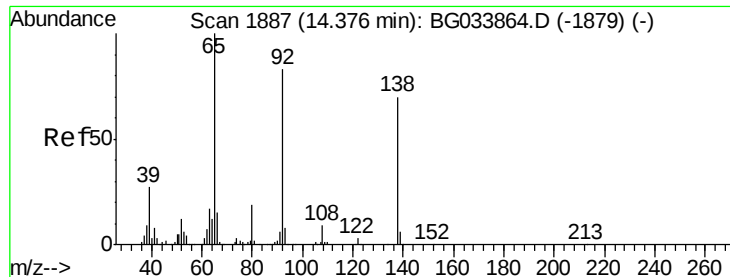
Tot Ion:165 Resp: 126016
Ion Ratio Lower Upper
165 100
63 56.7 52.7 79.1
89 50.1 49.2 73.8



#51
Acenaphthene
Concen: 33.01 ng
RT: 14.45 min Scan# 1900
Delta R.T. -0.09 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion:154 Resp: 394028
Ion Ratio Lower Upper
154 100
153 112.3 90.4 135.6
152 53.4 41.6 62.4





#52

3-Nitroaniline

Concen: 12.88 ng

RT: 14.35 min Scan# 1882

Delta R.T. -0.03 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampled :

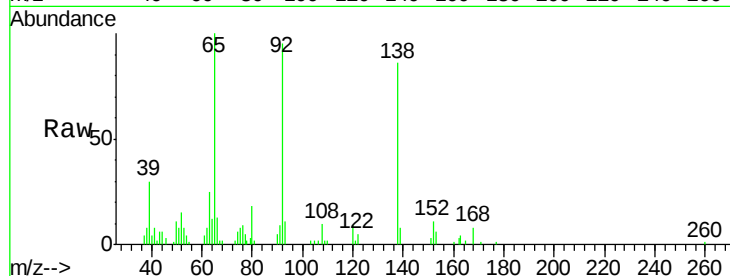
Tot Ion:138 Resp: 43427

Ion Ratio Lower Upper

138 100

108 11.3 17.5 26.3#

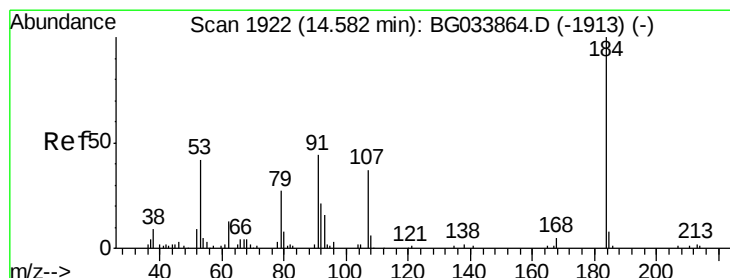
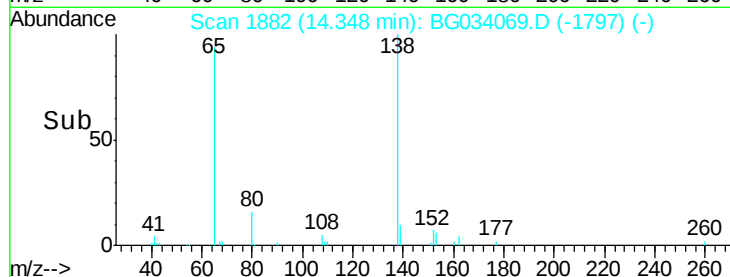
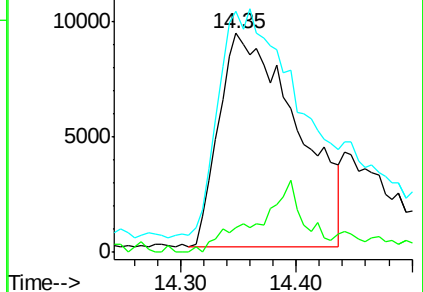
92 110.0 105.8 158.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#53

2,4-Dinitrophenol

Concen: 76.67 ng

RT: 14.52 min Scan# 1912

Delta R.T. -0.06 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

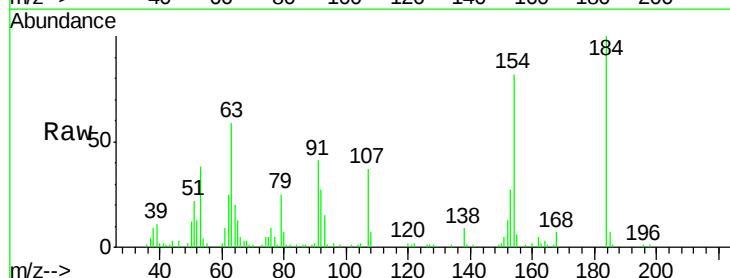
Tgt Ion:184 Resp: 85137

Ion Ratio Lower Upper

184 100

63 58.6 59.8 89.8#

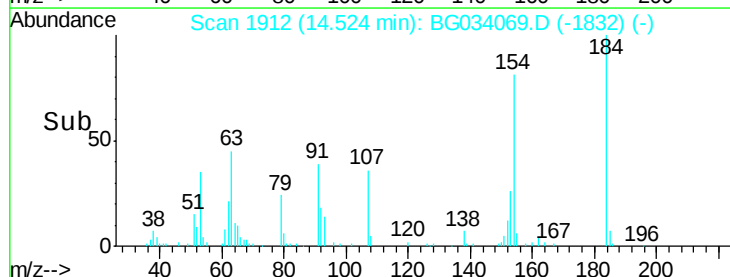
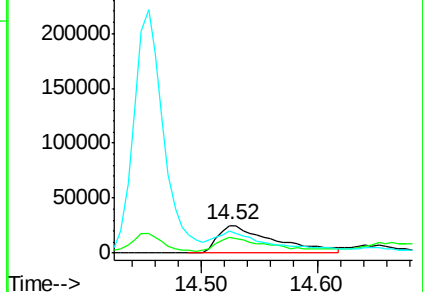
154 81.6 101.8 152.8#

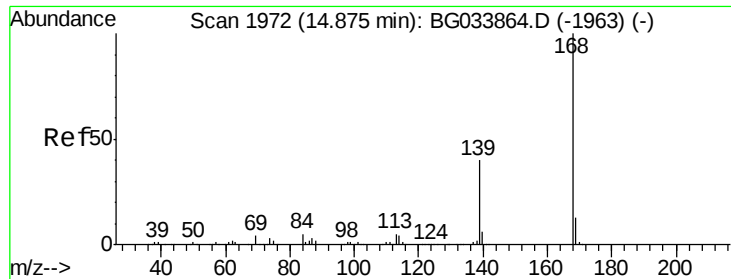


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

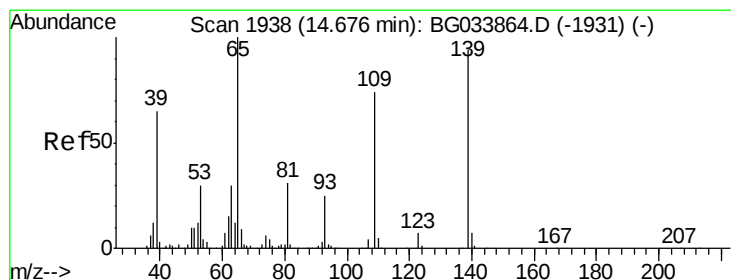
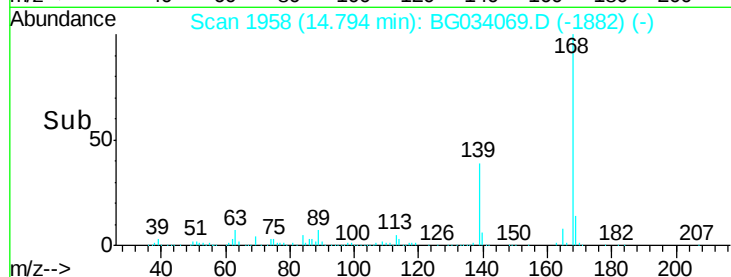
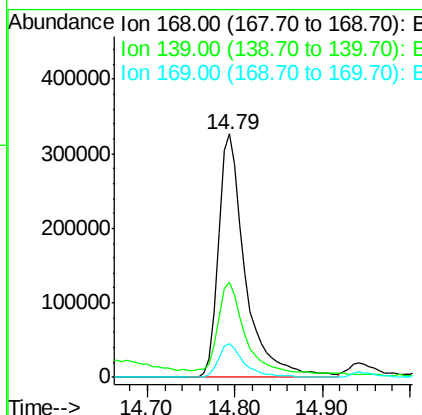
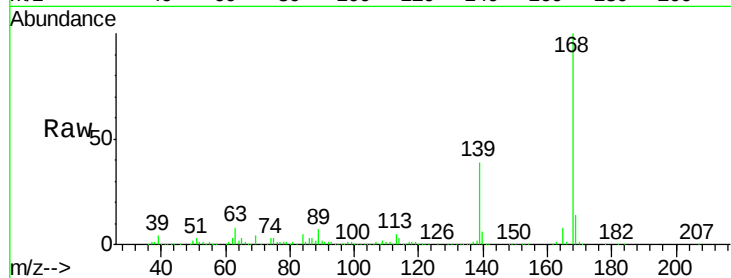




#54
Dibenzofuran
Concen: 38.84 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.08 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

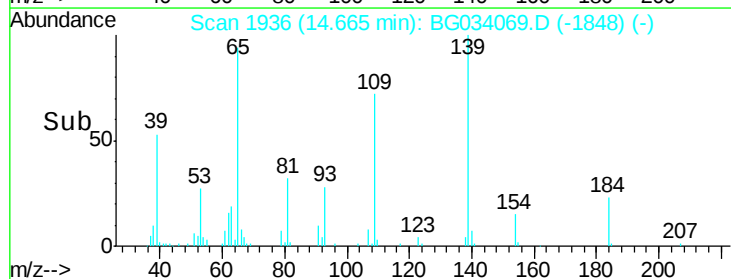
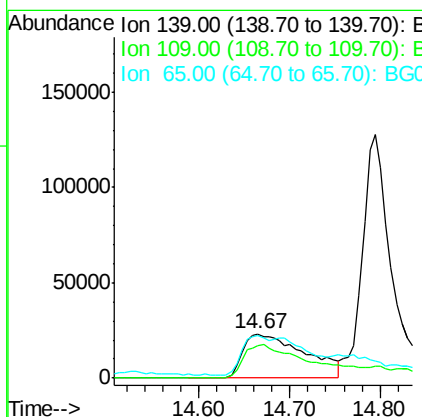
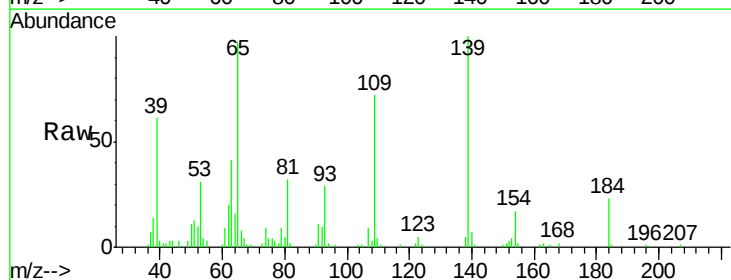
Instrument :
BNA_G
ClientSampleId :

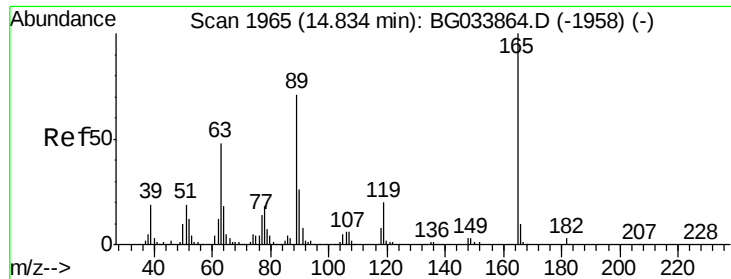
Tot Ion:168 Resp: 687378
Ion Ratio Lower Upper
168 100
139 39.1 28.6 43.0
169 13.7 11.2 16.8



#55
4-Nitrophenol
Concen: 41.60 ng
RT: 14.67 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion:139 Resp: 109997
Ion Ratio Lower Upper
139 100
109 72.3 62.2 102.2
65 96.9 97.2 137.2#

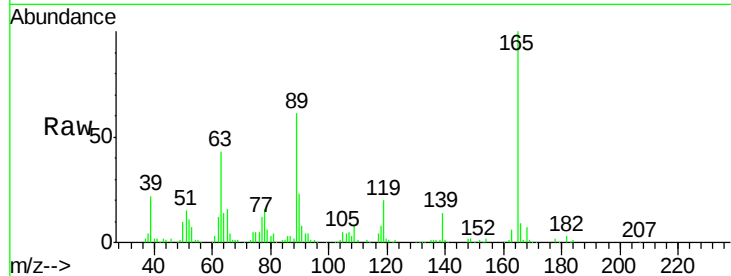




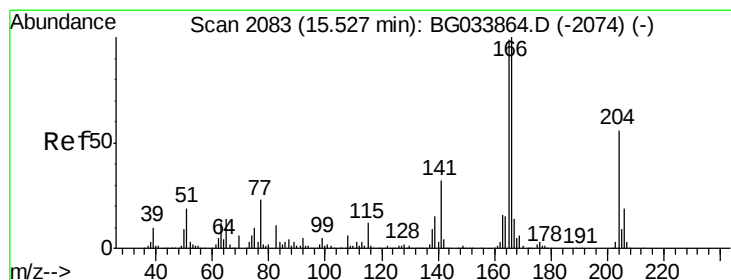
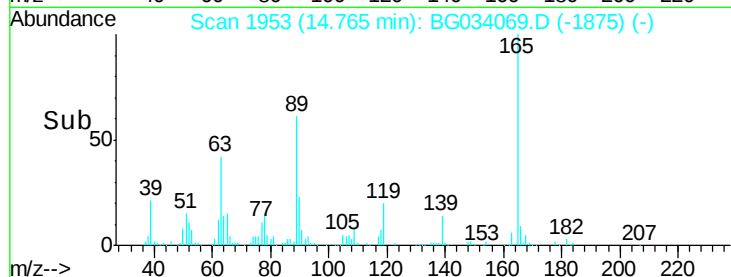
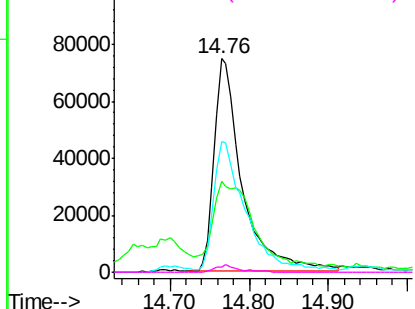
#56
2,4-Dinitrotoluene
Concen: 44.28 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.07 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 182819
Ion Ratio Lower Upper
165 100
63 42.7 42.0 63.0
89 60.9 66.9 100.3#
182 2.7 2.6 3.8

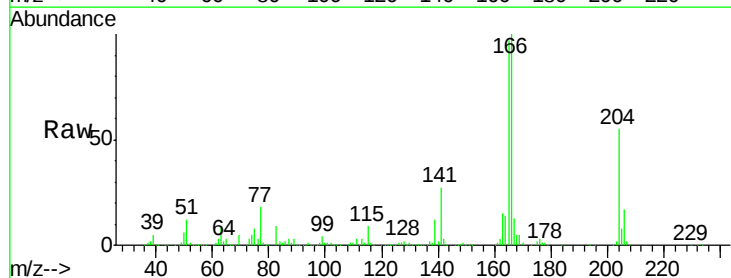


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

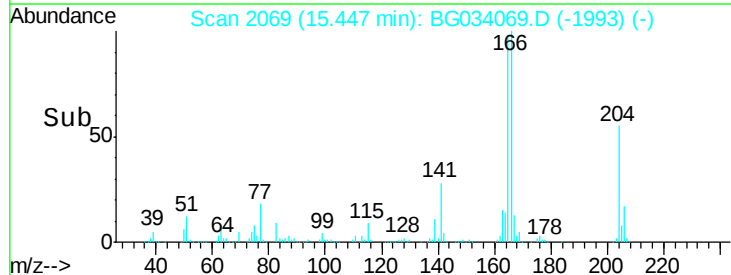
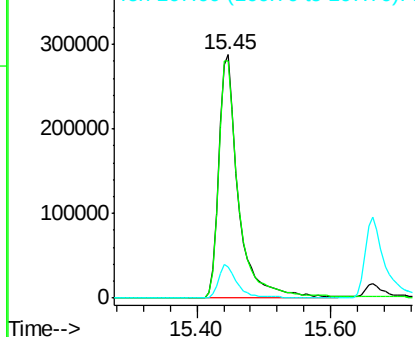


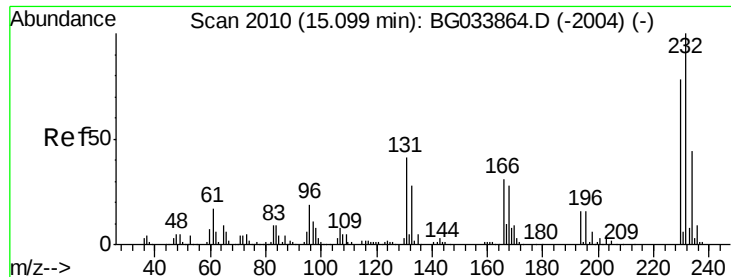
#57
Fluorene
Concen: 39.16 ng
RT: 15.45 min Scan# 2069
Delta R.T. -0.08 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion:166 Resp: 599711
Ion Ratio Lower Upper
166 100
165 97.4 80.6 121.0
167 13.0 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

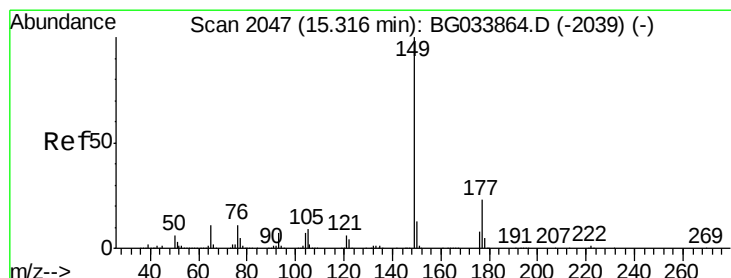
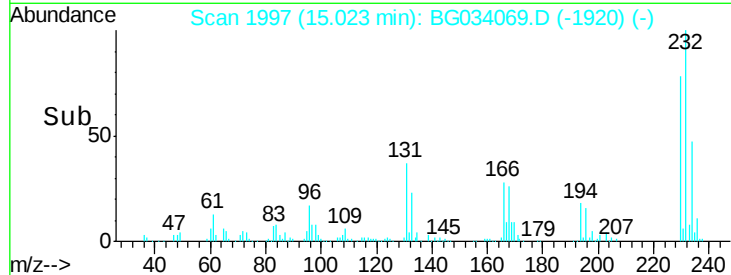
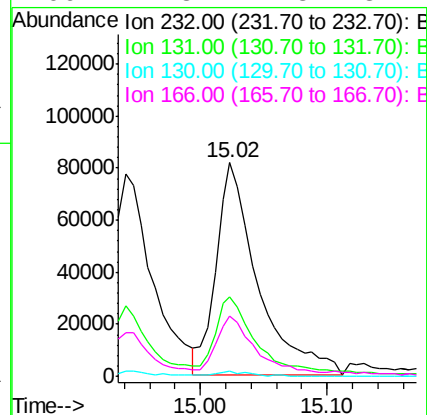
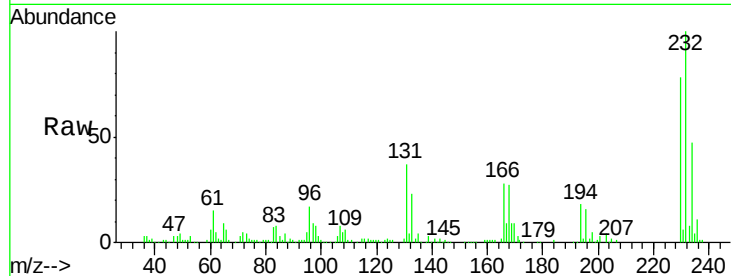




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.57 ng
 RT: 15.02 min Scan# 1997
 Delta R.T. -0.08 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

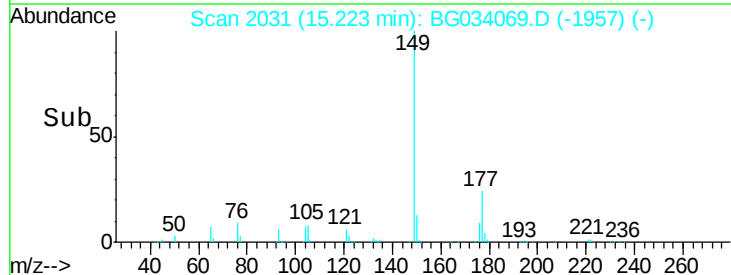
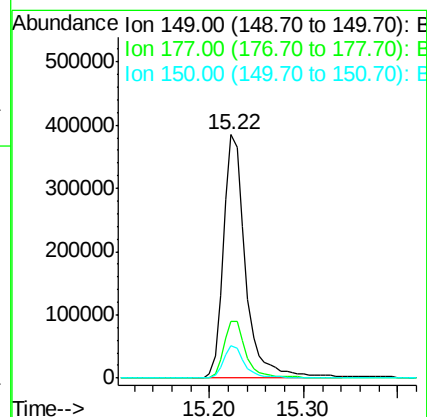
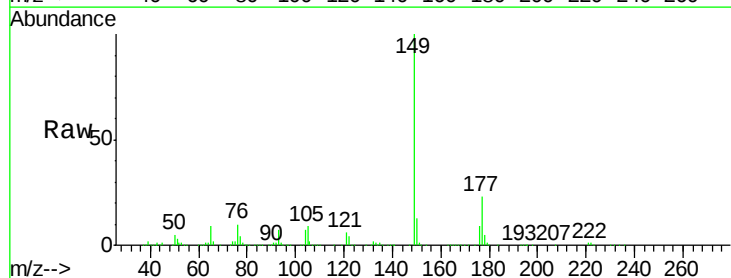
Instrument :
 BNA_G
 ClientSampleId :

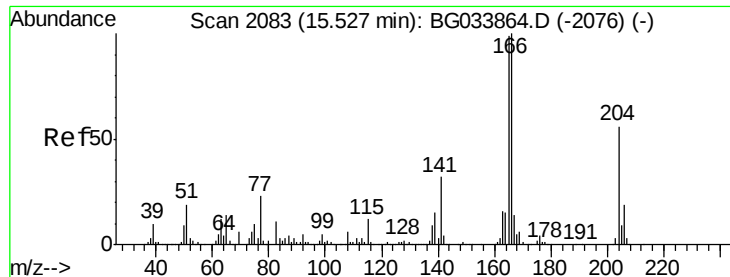
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.2	33.5	50.3
130	1.6	2.2	3.2#
166	24.3	24.8	37.2#



#59
 Diethylphthalate
 Concen: 36.72 ng
 RT: 15.22 min Scan# 2031
 Delta R.T. -0.09 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.5	27.7
150	13.3	10.2	15.2

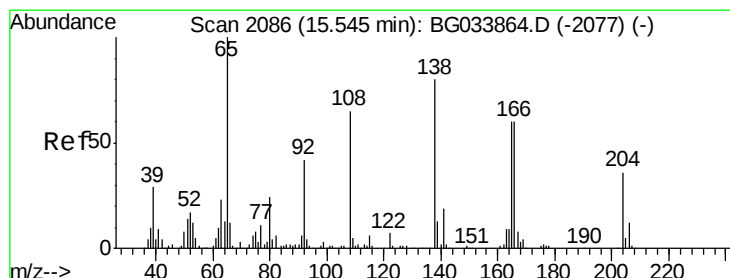
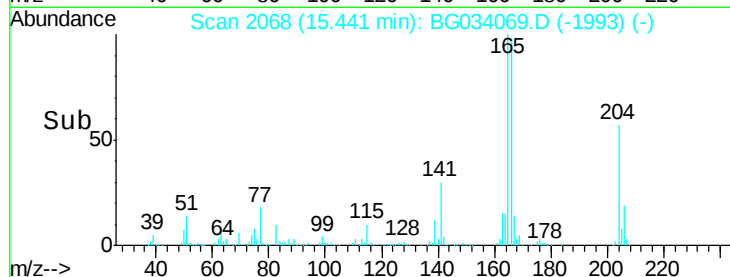
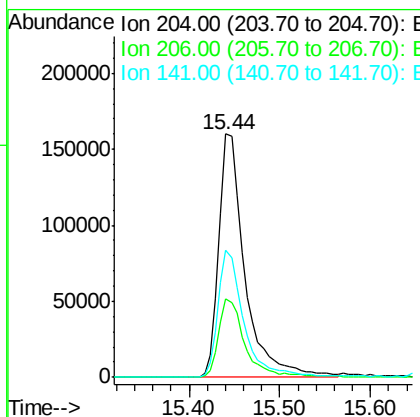
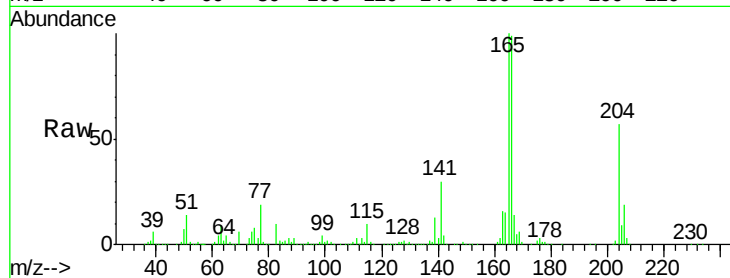




#60
 4-Chlorophenyl-phenylether
 Concen: 39.95 ng
 RT: 15.44 min Scan# 2068
 Delta R.T. -0.09 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

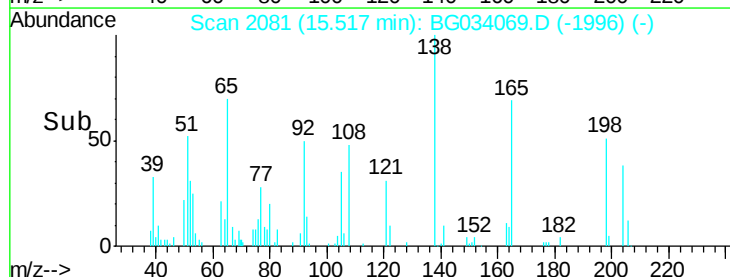
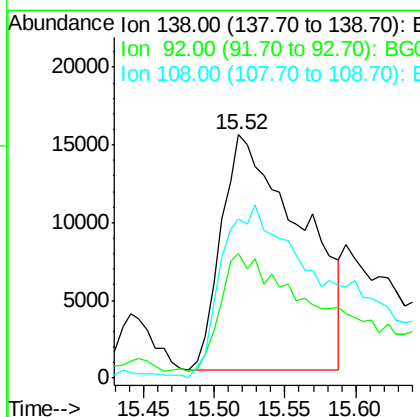
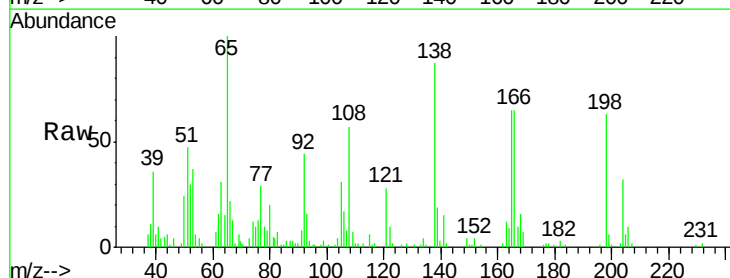
Instrument :
 BNA_G
 ClientSampled :

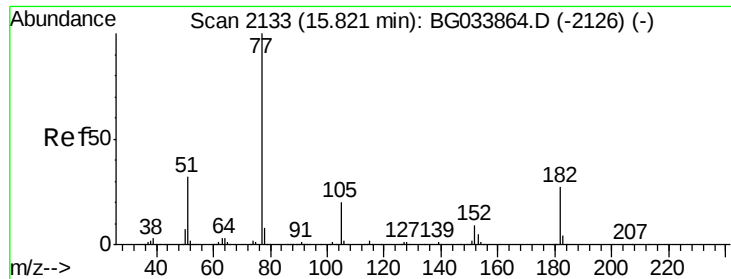
Tot Ion:204 Resp: 320003
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.2 39.2
 141 52.2 45.8 68.6



#61
 4-Nitroaniline
 Concen: 16.72 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.03 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

Tgt Ion:138 Resp: 59836
 Ion Ratio Lower Upper
 138 100
 92 51.1 40.1 80.1
 108 65.4 65.4 105.4

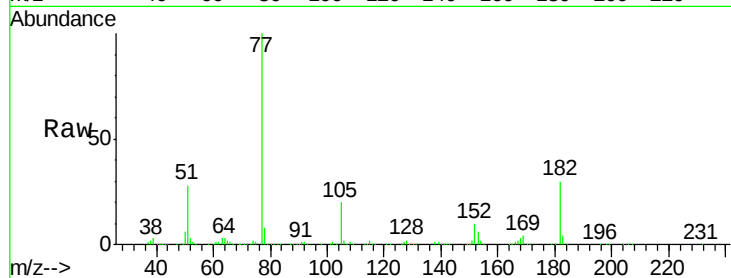




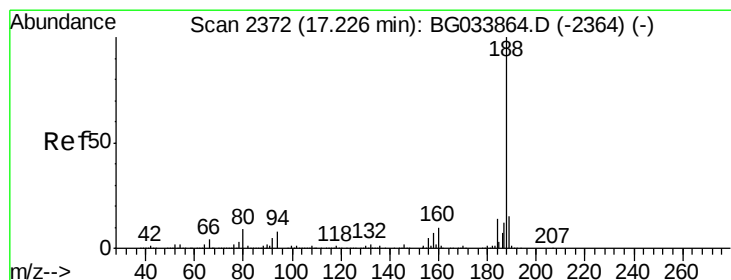
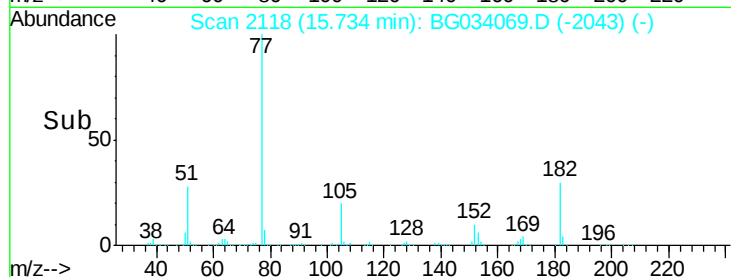
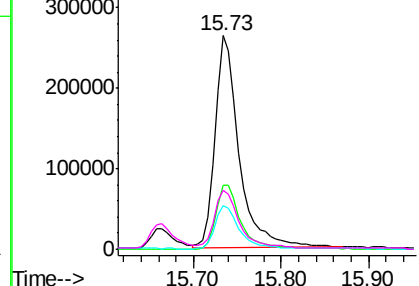
#62
Azobenzene
Concen: 32.25 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.09 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	497874
Ion	Ratio	Lower	Upper
77	100		
182	29.9	7.4	47.4
105	20.3	0.3	40.3
51	27.9	11.6	51.6

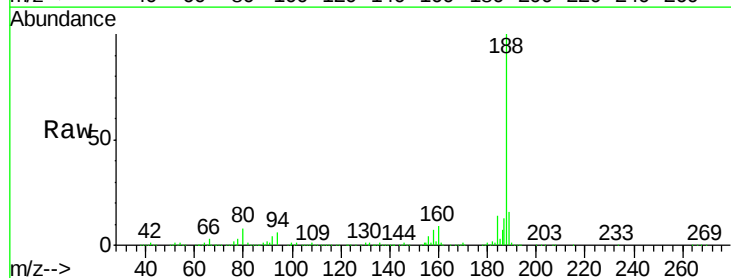


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

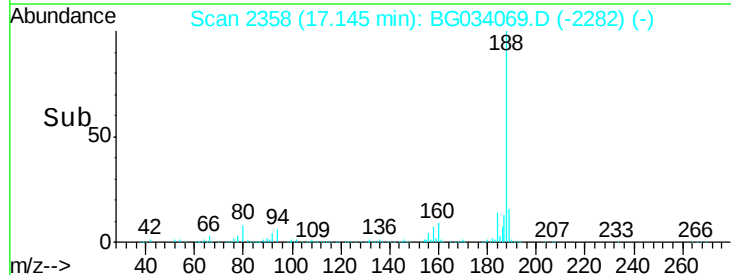
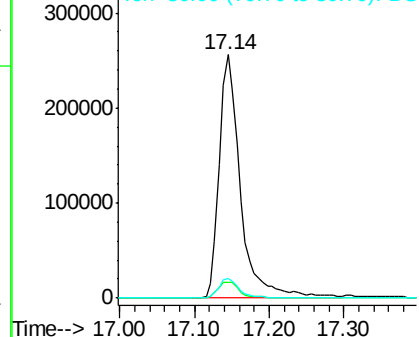


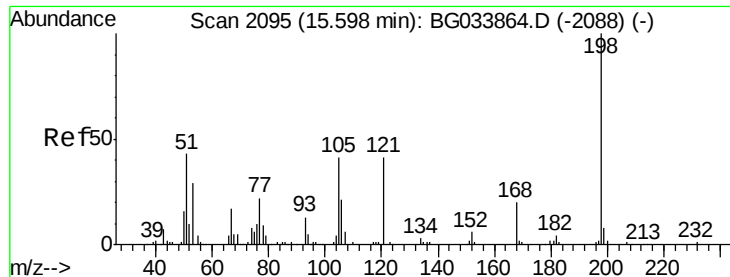
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.14 min Scan# 2358
Delta R.T. -0.08 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion:	188	Resp:	507305
Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	8.1	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

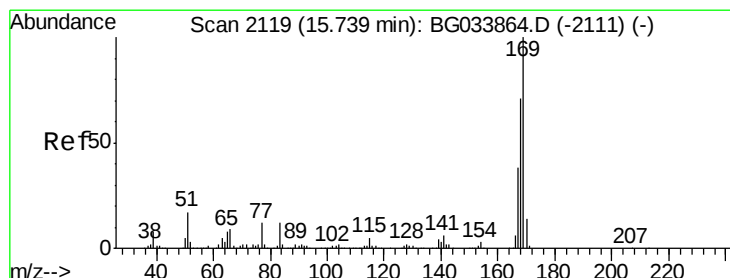
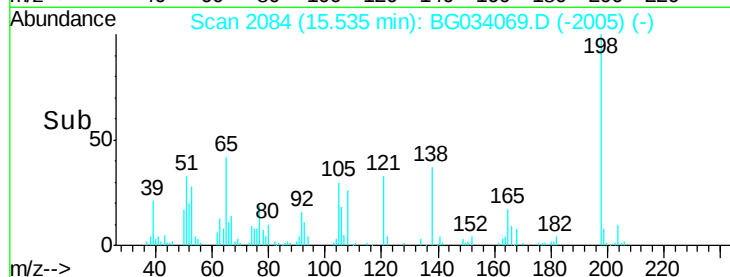
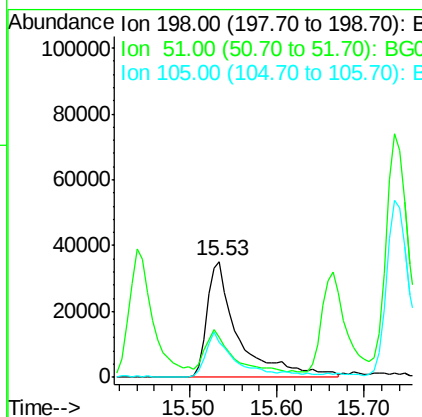
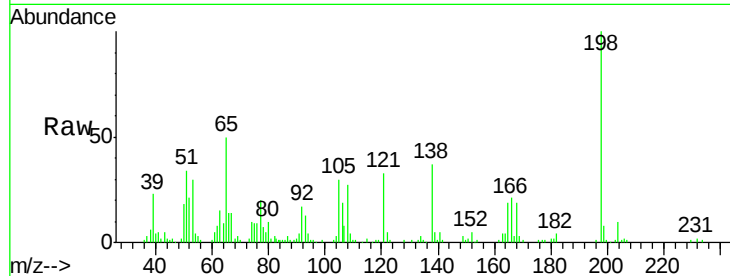




#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.36 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.06 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

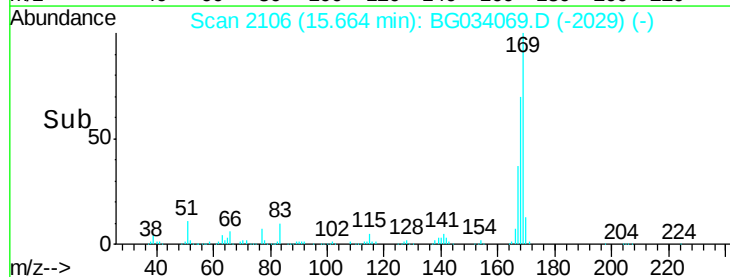
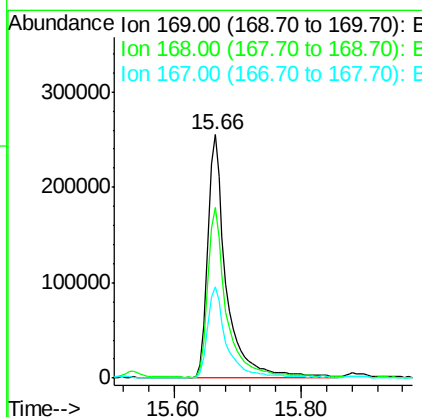
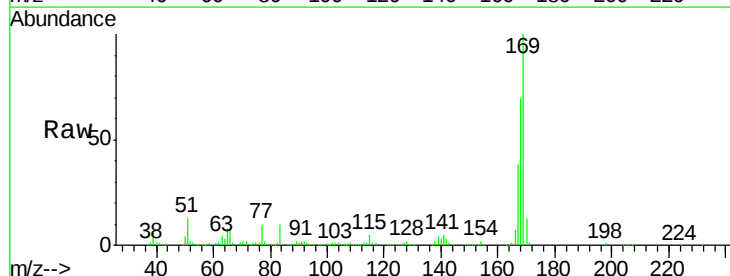
Instrument :
 BNA_G
 ClientSampled :

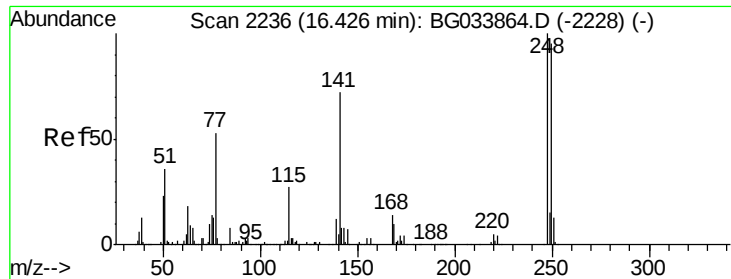
Tot Ion:198 Resp: 87189
 Ion Ratio Lower Upper
 198 100
 51 34.2 30.6 70.6
 105 29.8 23.8 63.8



#65
 n-Nitrosodiphenylamine
 Concen: 35.86 ng
 RT: 15.66 min Scan# 2106
 Delta R.T. -0.08 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

Tgt Ion:169 Resp: 528853
 Ion Ratio Lower Upper
 169 100
 168 70.4 55.7 83.5
 167 37.5 30.1 45.1

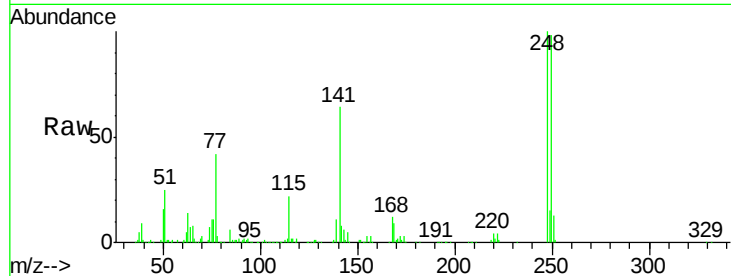




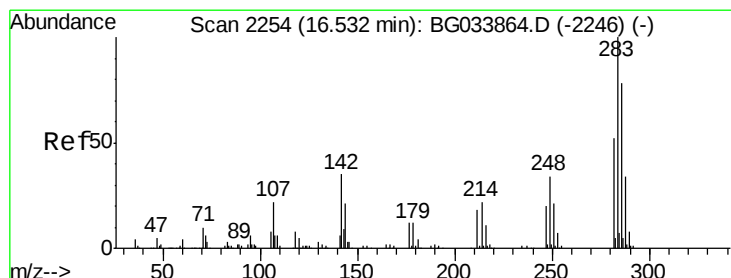
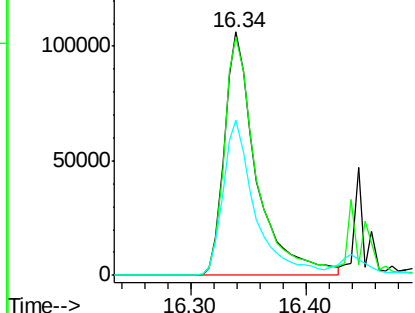
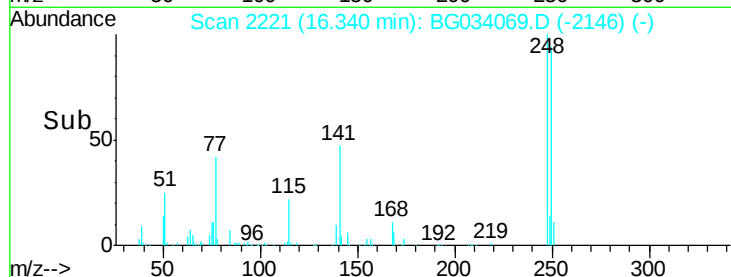
#66
4-Bromophenyl-phenylether
Concen: 36.62 ng
RT: 16.34 min Scan# 2221
Delta R.T. -0.09 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 204000
Ion Ratio Lower Upper
248 100
250 98.0 77.1 115.7
141 64.0 50.8 76.2

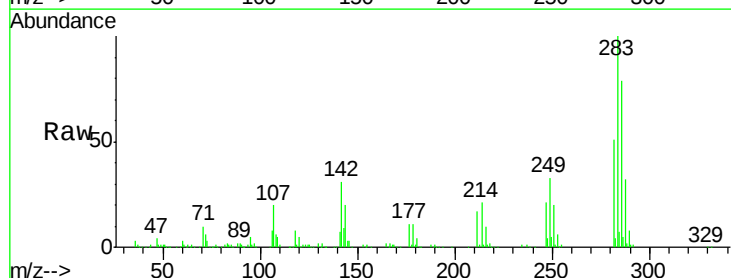


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

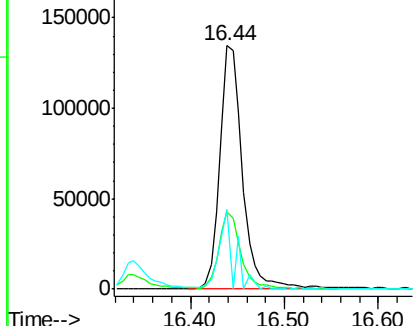
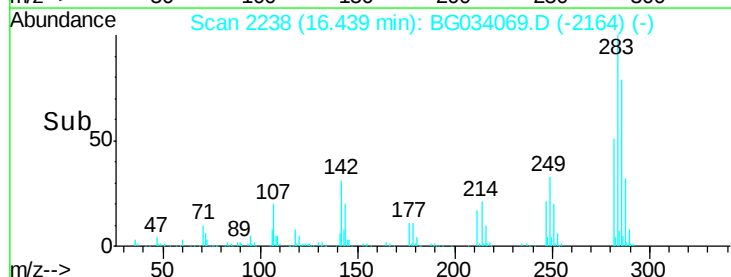


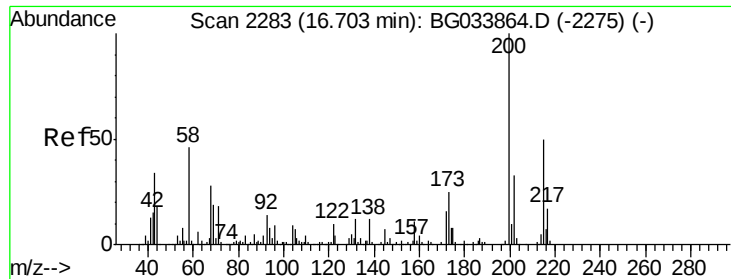
#67
Hexachlorobenzene
Concen: 38.23 ng
RT: 16.44 min Scan# 2238
Delta R.T. -0.09 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion:284 Resp: 227133
Ion Ratio Lower Upper
284 100
142 31.5 26.8 40.2
249 33.0 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

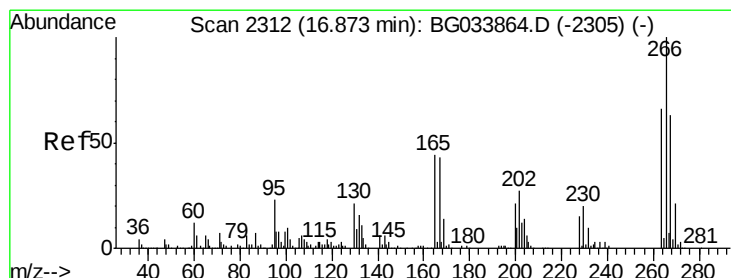
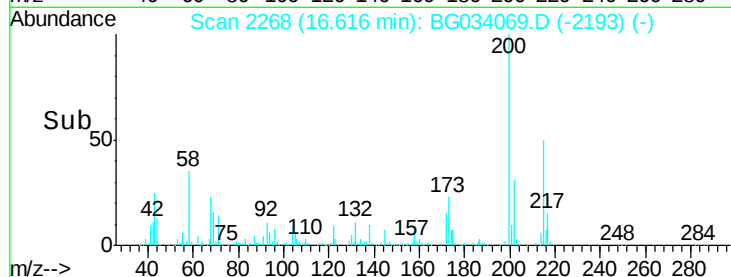
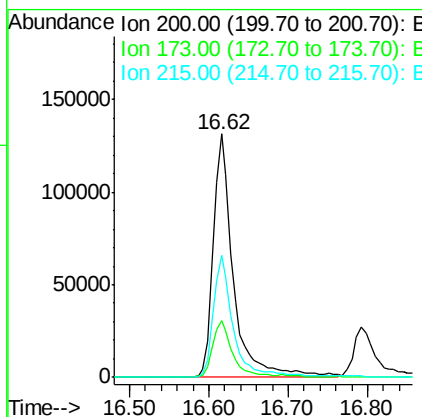
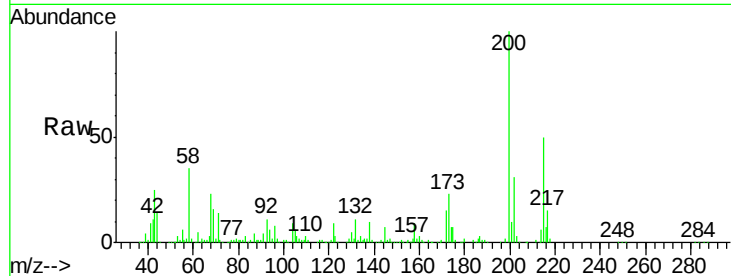




#68
 Atrazine
 Concen: 40.02 ng
 RT: 16.62 min Scan# 2268
 Delta R.T. -0.09 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

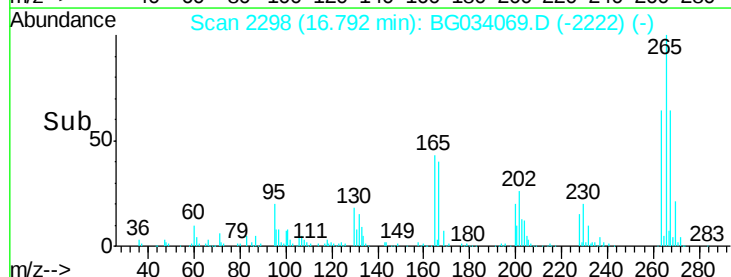
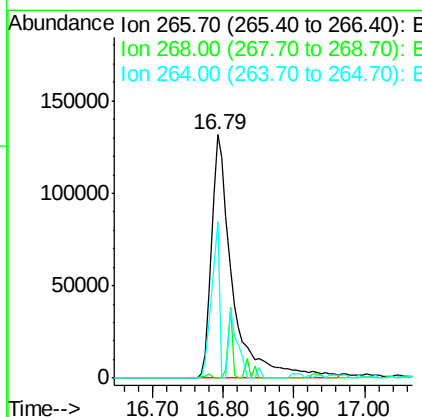
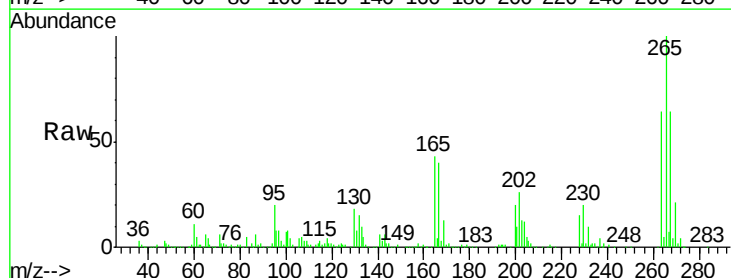
Instrument :
 BNA_G
 ClientSampleId :

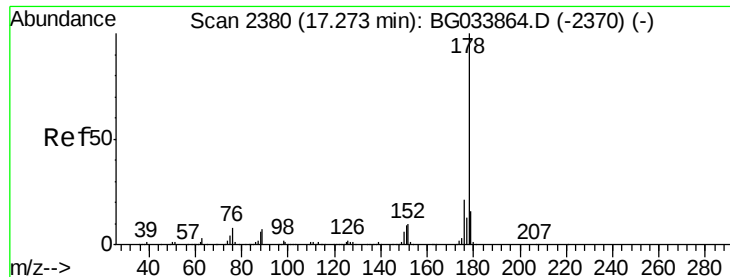
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	5.2	45.2
215	49.9	30.4	70.4



#69
 Pentachlorophenol
 Concen: 67.13 ng
 RT: 16.79 min Scan# 2298
 Delta R.T. -0.08 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	4.3	51.1	76.7#
264	69.5	49.6	74.4





#70

Phenanthrene

Concen: 35.86 ng

RT: 17.19 min Scan# 2365

Delta R.T. -0.09 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampleId :

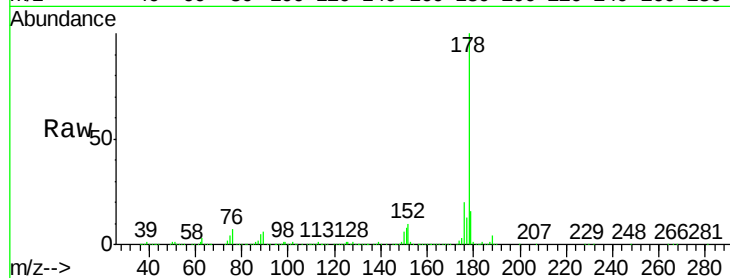
Tot Ion:178 Resp: 975827

Ion Ratio Lower Upper

178 100

176 20.4 15.7 23.5

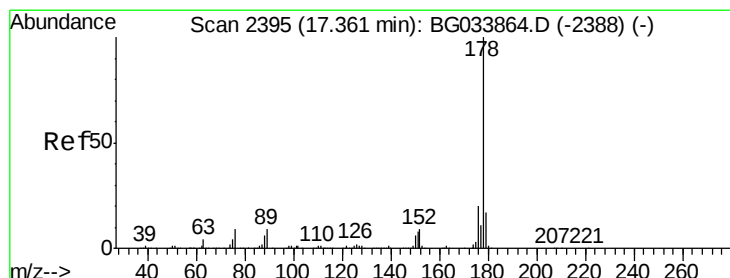
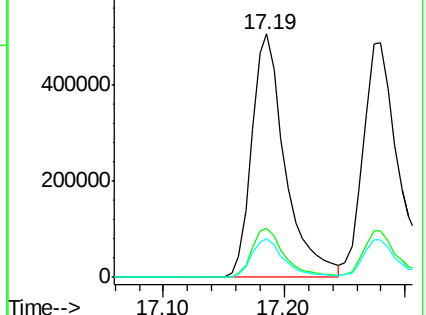
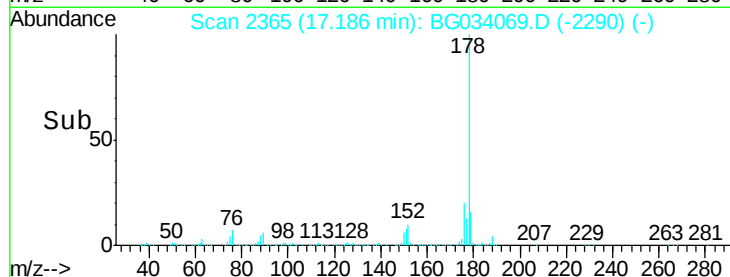
179 15.9 12.5 18.7



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: 39.47 ng

RT: 17.28 min Scan# 2381

Delta R.T. -0.08 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

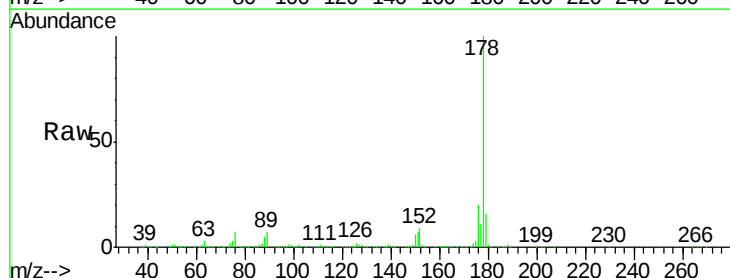
Tgt Ion:178 Resp: 1074267

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

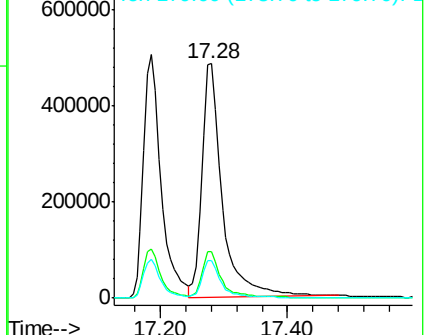
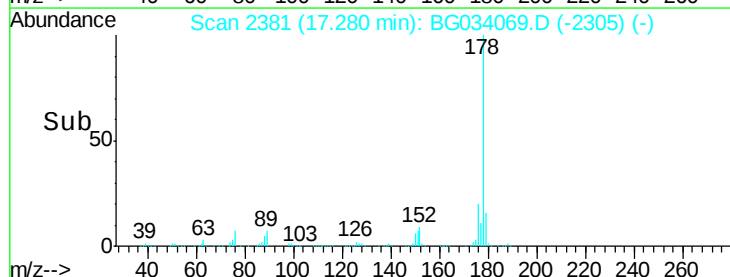
179 16.0 12.5 18.7

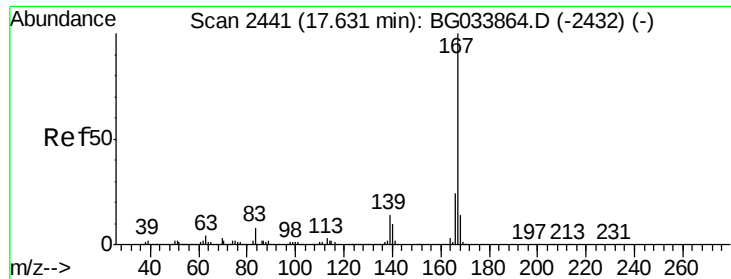


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 35.13 ng

RT: 17.56 min Scan# 2428

Delta R.T. -0.08 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampleId :

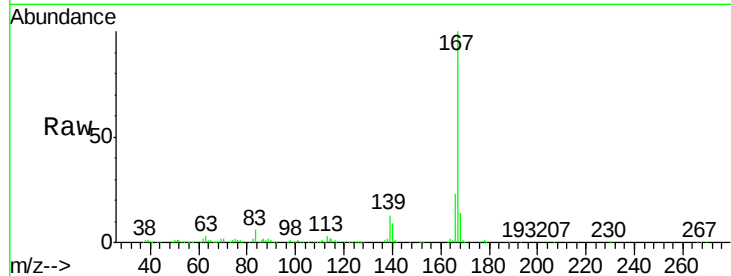
Tot Ion:167 Resp: 922362

Ion Ratio Lower Upper

167 100

166 23.2 18.2 27.4

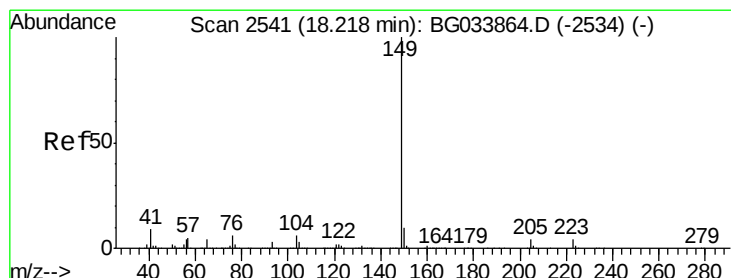
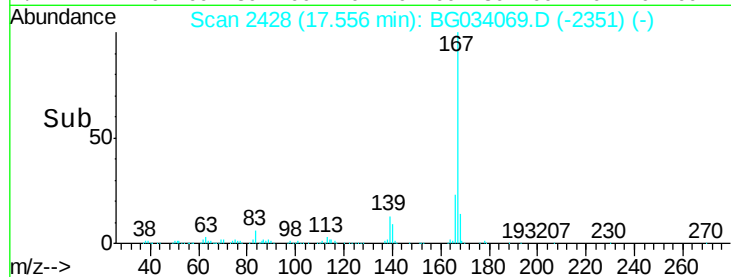
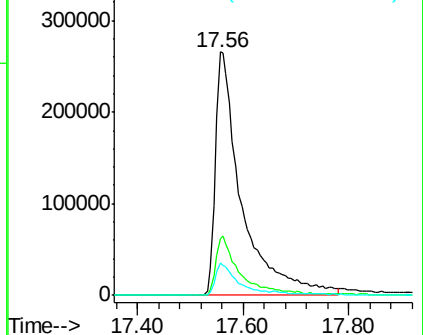
139 13.1 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 35.58 ng

RT: 18.12 min Scan# 2524

Delta R.T. -0.10 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

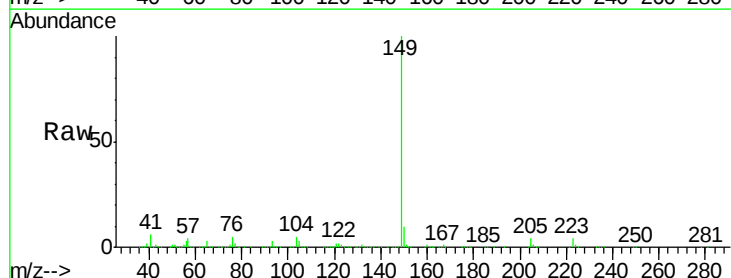
Tgt Ion:149 Resp: 1162184

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

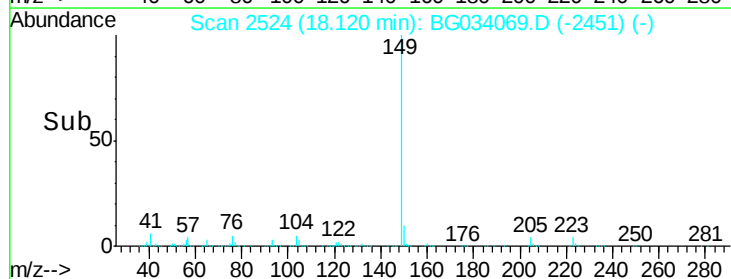
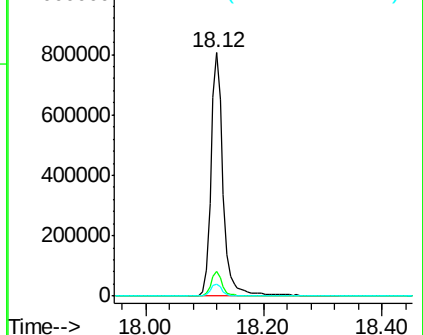
104 5.1 3.9 5.9

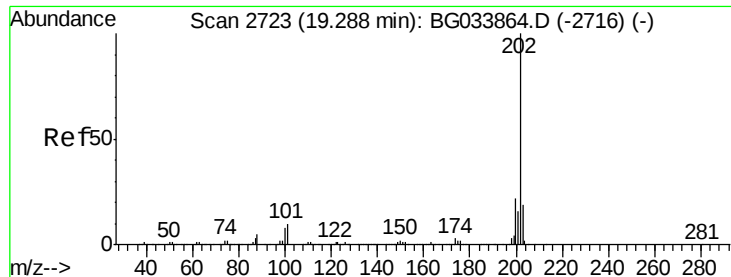


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 39.45 ng

RT: 19.20 min Scan# 2708

Delta R.T. -0.09 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampleId :

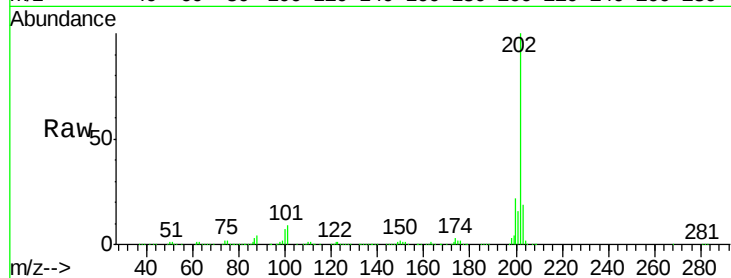
Tot Ion:202 Resp: 1298750

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.9

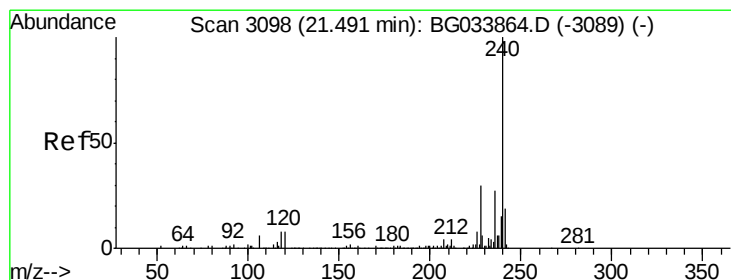
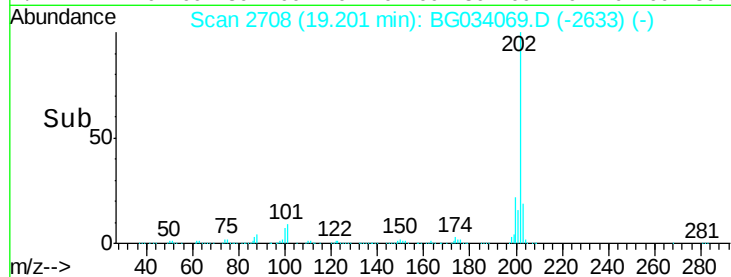
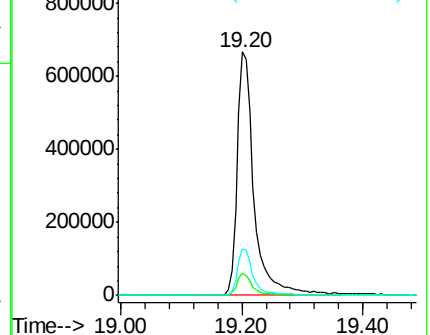
203 19.2 0.0 37.5



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# 3080

Delta R.T. -0.10 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

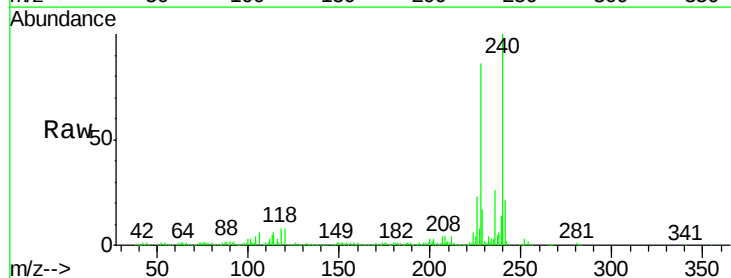
Tgt Ion:240 Resp: 535349

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

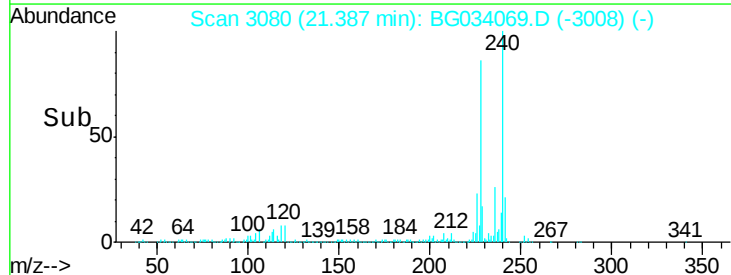
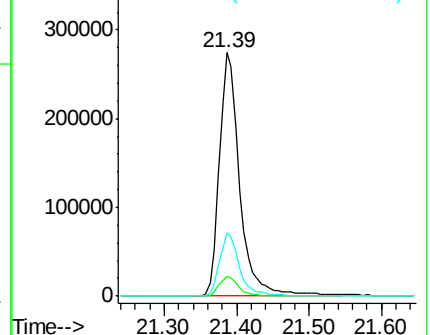
236 25.9 20.9 31.3

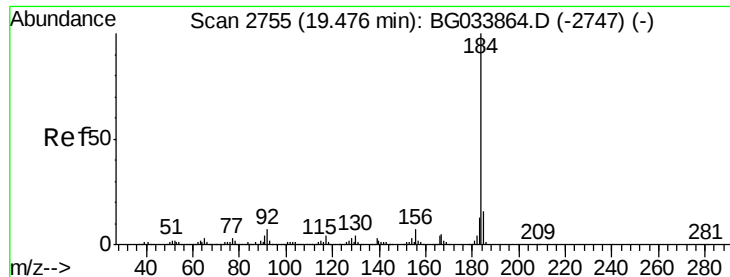


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 14.62 ng

RT: 19.44 min Scan# 2748

Delta R.T. -0.04 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampleId :

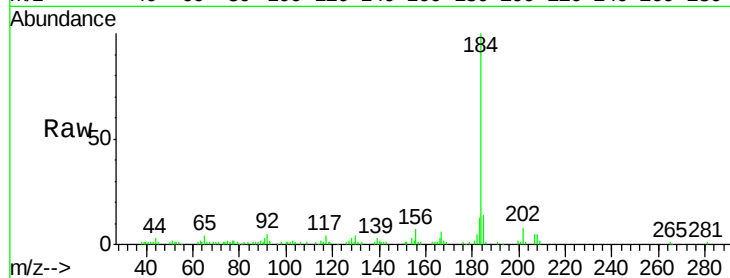
Tot Ion:184 Resp: 211409

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

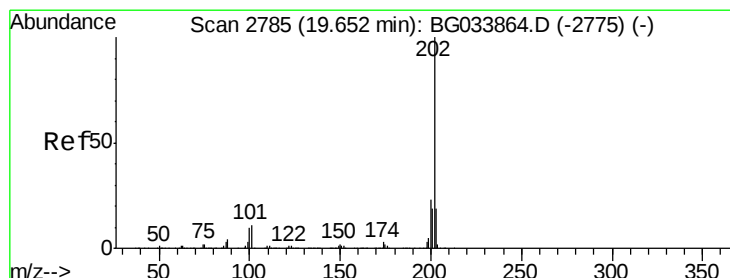
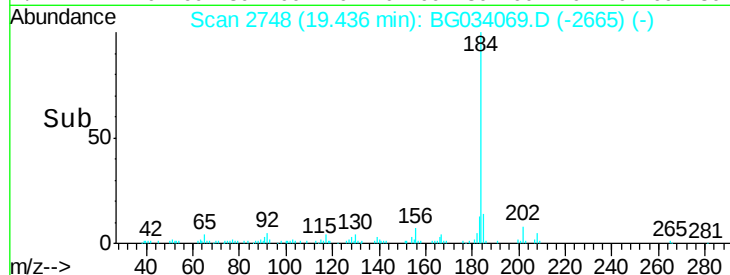
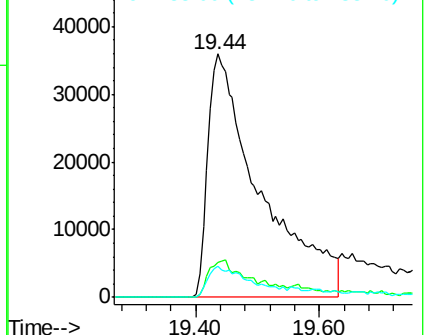
183 12.9 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 36.87 ng

RT: 19.57 min Scan# 2770

Delta R.T. -0.09 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

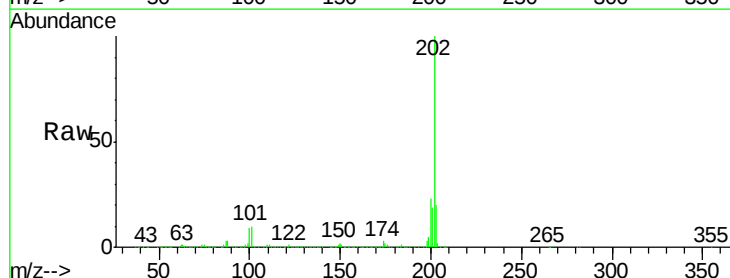
Tgt Ion:202 Resp: 1294501

Ion Ratio Lower Upper

202 100

200 22.8 16.9 25.3

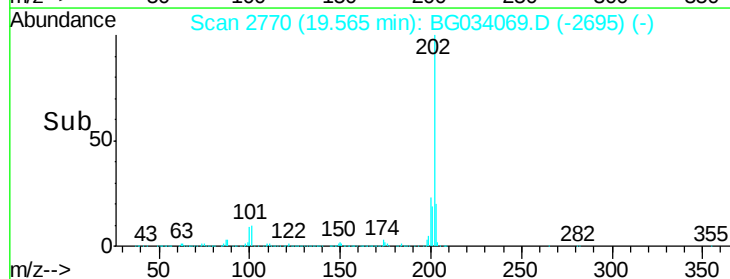
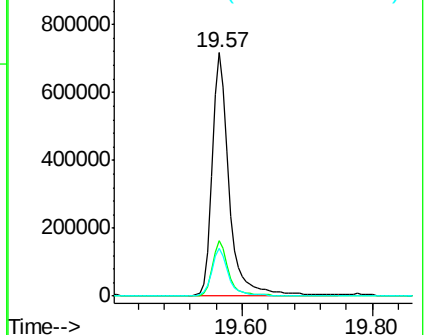
203 19.8 13.9 20.9

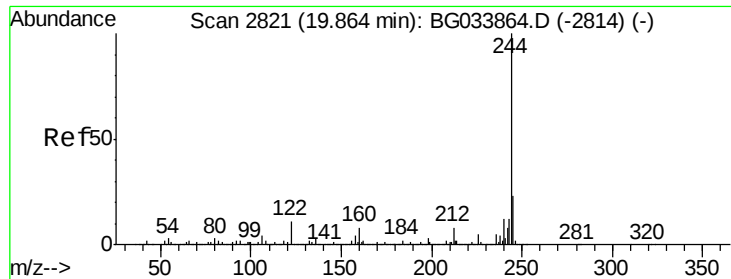


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 84.60 ng

RT: 19.78 min Scan# 2806

Delta R.T. -0.09 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampleId :

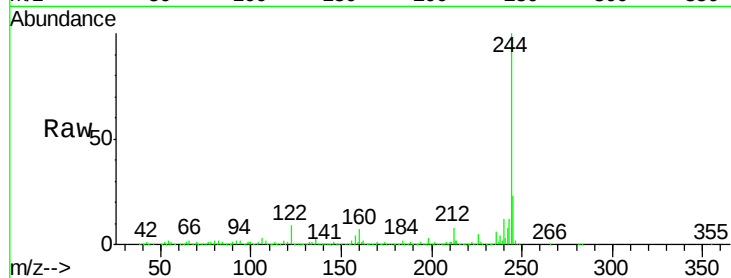
Tot Ion:244 Resp: 2015911

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

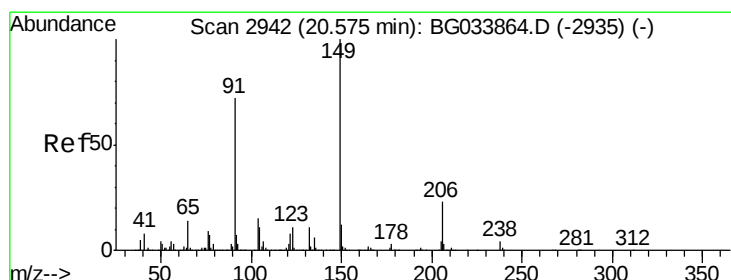
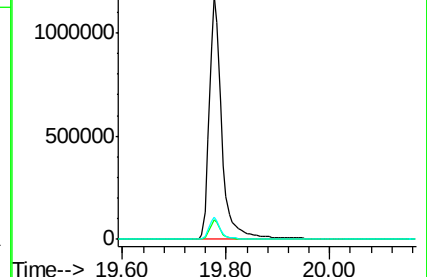
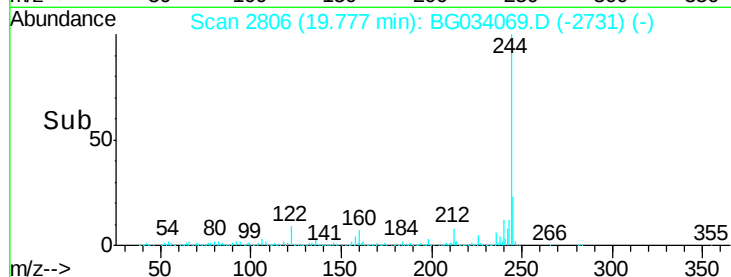
122 9.3 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 34.18 ng

RT: 20.48 min Scan# 2925

Delta R.T. -0.10 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

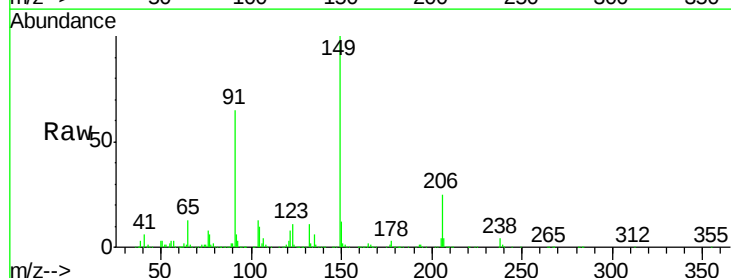
Tgt Ion:149 Resp: 527002

Ion Ratio Lower Upper

149 100

91 65.2 62.2 93.2

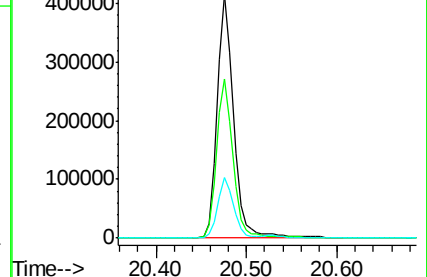
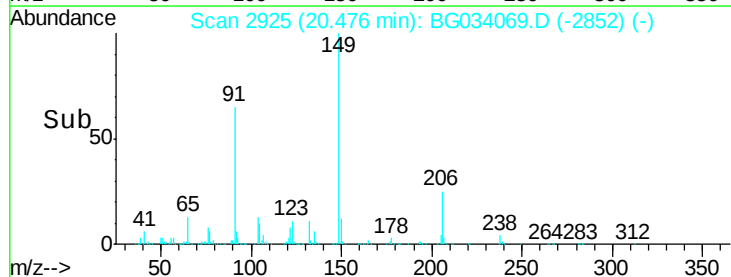
206 25.0 18.6 27.8

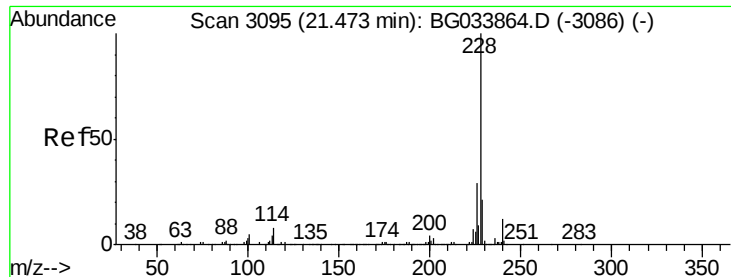


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

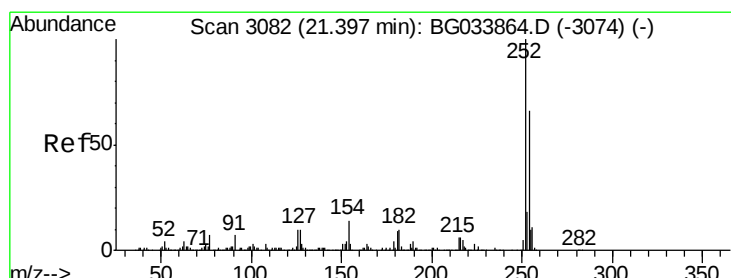
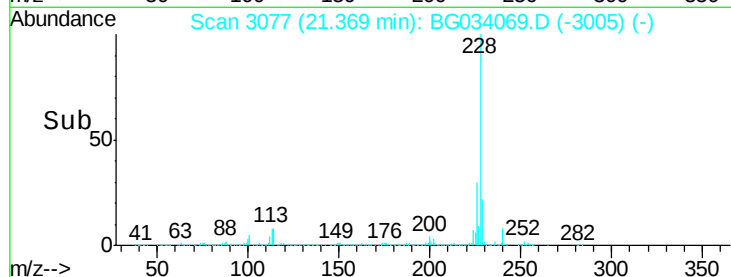
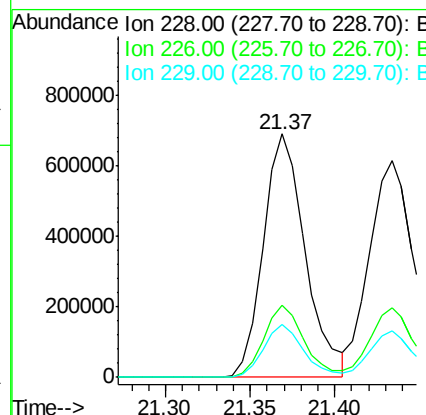
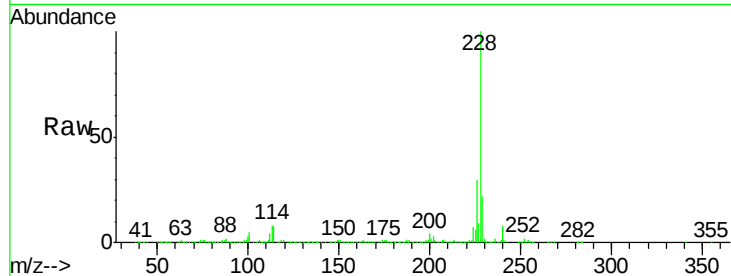




#80
Benzo(a)anthracene
Concen: 35.26 ng
RT: 21.37 min Scan# 3077
Delta R.T. -0.10 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

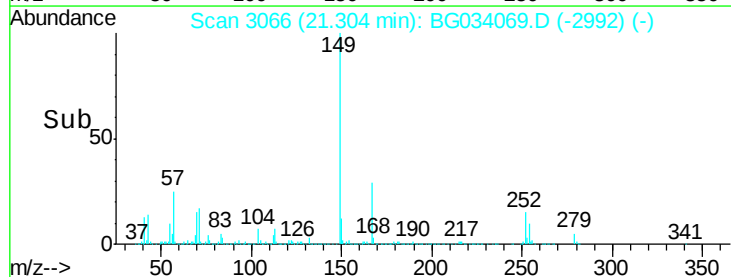
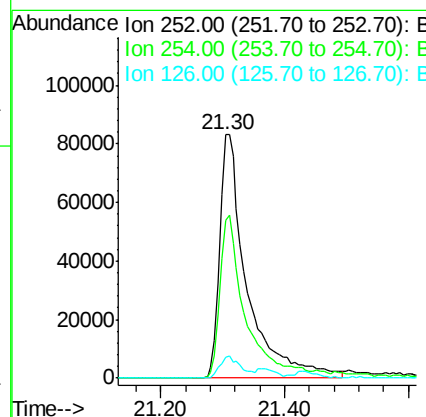
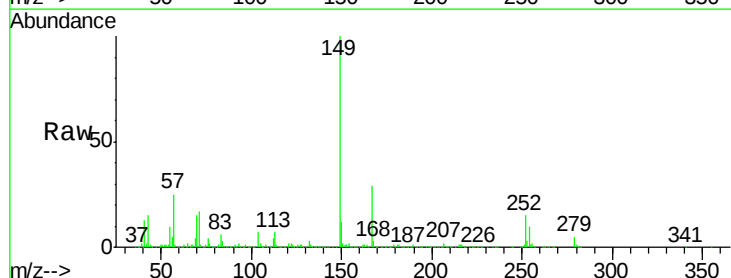
Instrument :
BNA_G
ClientSampleId :

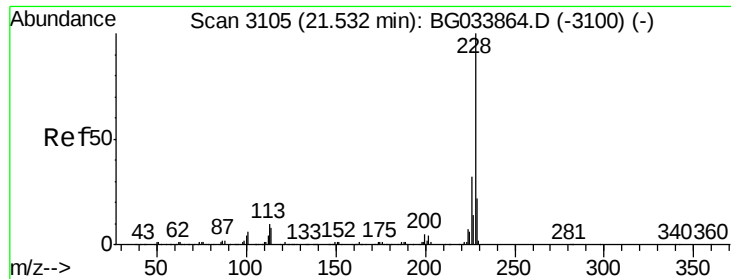
Tot Ion:228 Resp: 1190374
Ion Ratio Lower Upper
228 100
226 29.8 22.7 34.1
229 21.8 16.2 24.2



#81
3,3'-Dichlorobenzidine
Concen: 20.10 ng
RT: 21.30 min Scan# 3066
Delta R.T. -0.09 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion:252 Resp: 253046
Ion Ratio Lower Upper
252 100
254 64.9 50.8 76.2
126 8.4 7.4 11.2





#82

Chrysene

Concen: 39.39 ng

RT: 21.43 min Scan# 3088

Delta R.T. -0.10 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

Instrument :

BNA_G

ClientSampled :

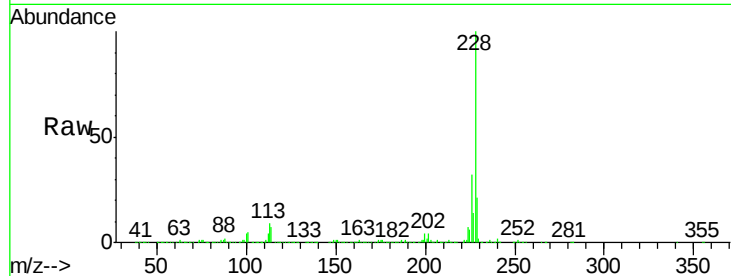
Tot Ion:228 Resp: 1269843

Ion Ratio Lower Upper

228 100

226 31.8 24.9 37.3

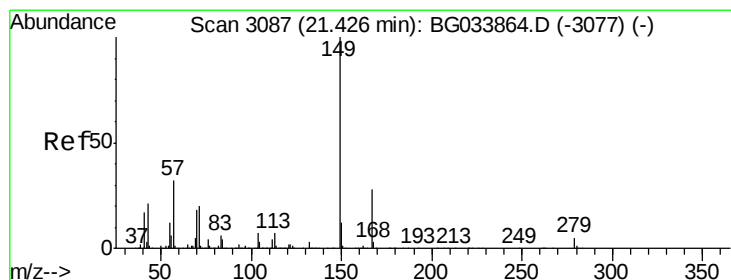
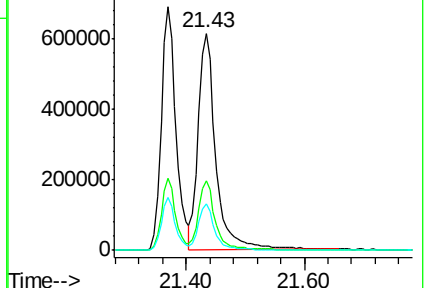
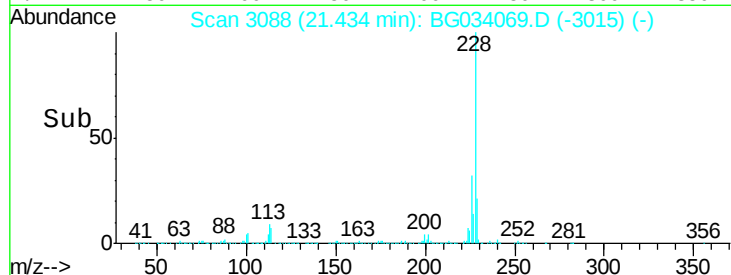
229 21.2 15.0 22.4



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: 34.21 ng

RT: 21.30 min Scan# 3066

Delta R.T. -0.12 min

Lab File: BG034069.D

Acq: 28 Apr 2018 11:28

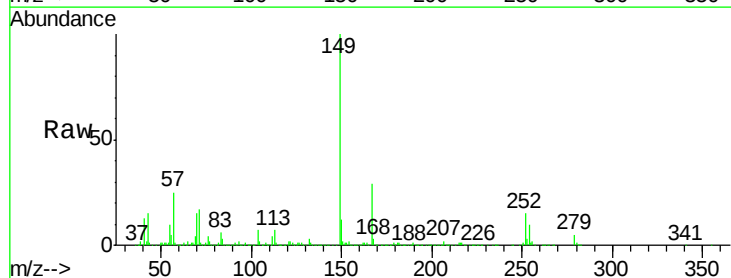
Tgt Ion:149 Resp: 745103

Ion Ratio Lower Upper

149 100

167 29.4 24.3 36.5

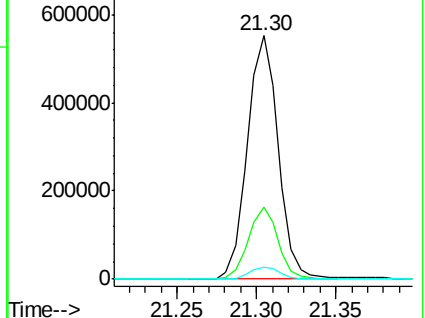
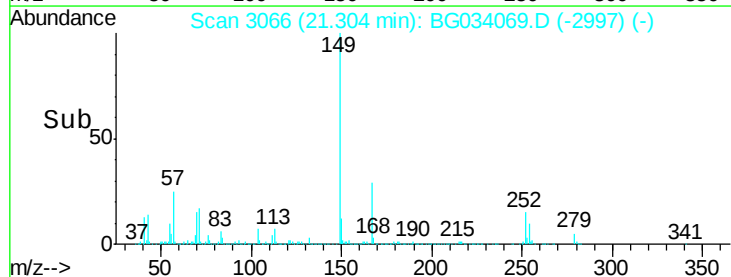
279 5.0 4.0 6.0

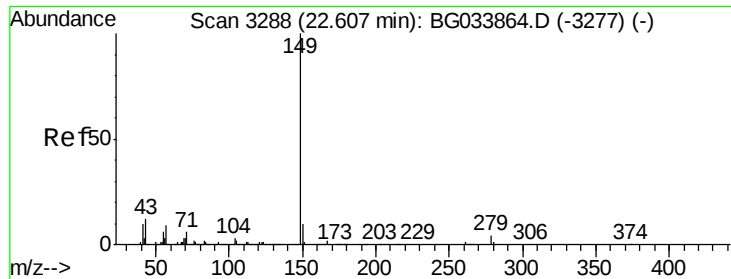


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

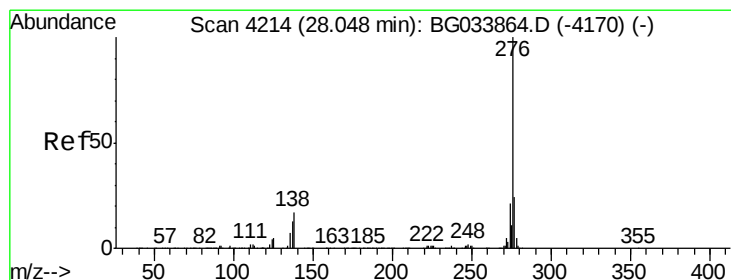
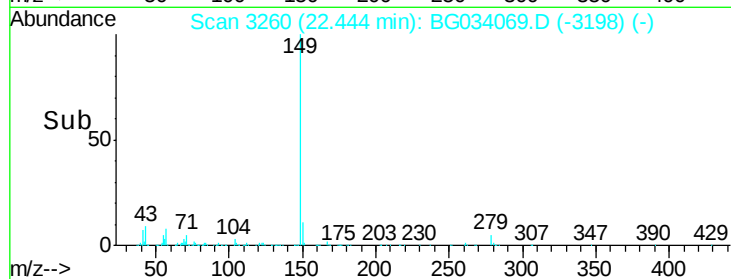
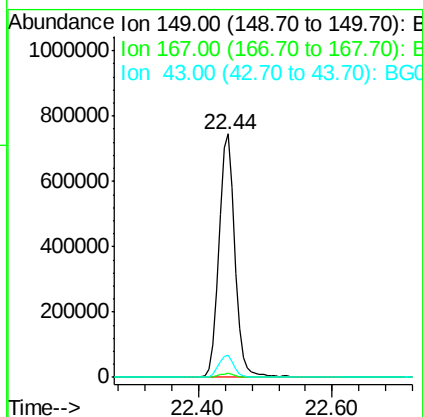
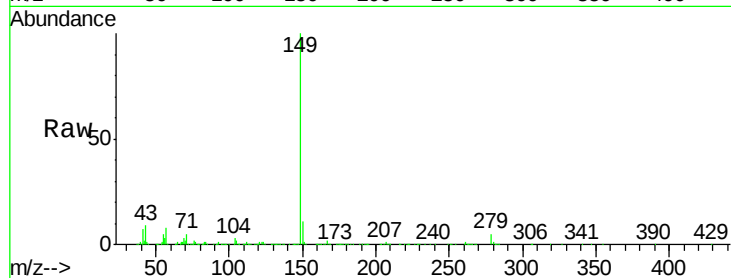




#84
Di-n-octyl phthalate
Concen: 36.54 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.16 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

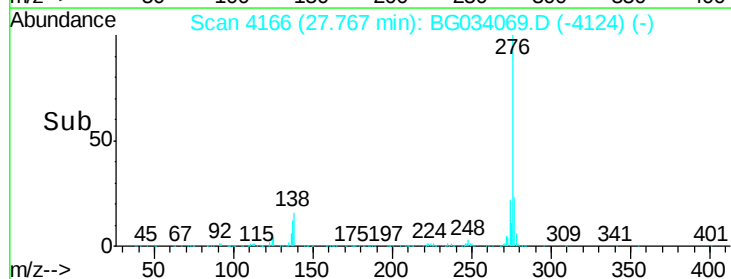
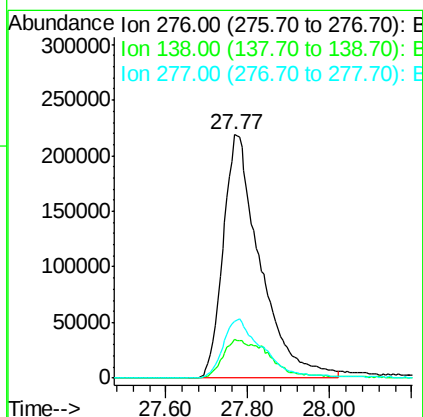
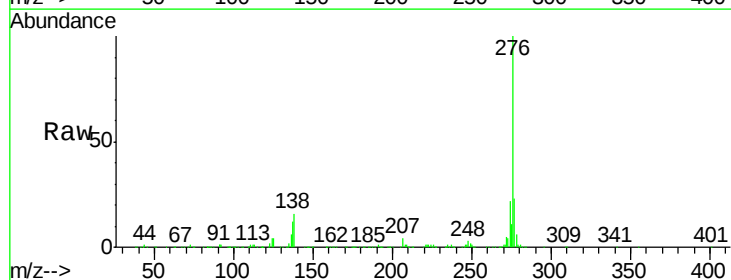
Instrument :
BNA_G
ClientSampleId :

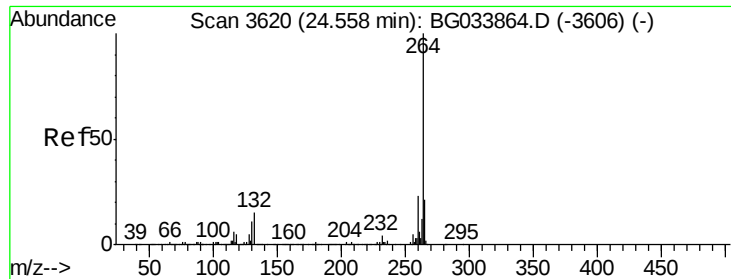
Tot Ion:149 Resp: 1263014
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.8 8.9 13.3#



#85
Indeno(1,2,3-cd)pyrene
Concen: 37.50 ng
RT: 27.77 min Scan# 4166
Delta R.T. -0.28 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion:276 Resp: 1376216
Ion Ratio Lower Upper
276 100
138 20.0 16.0 24.0
277 25.4 20.0 30.0

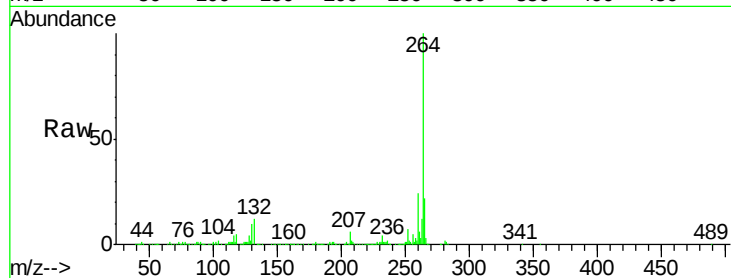




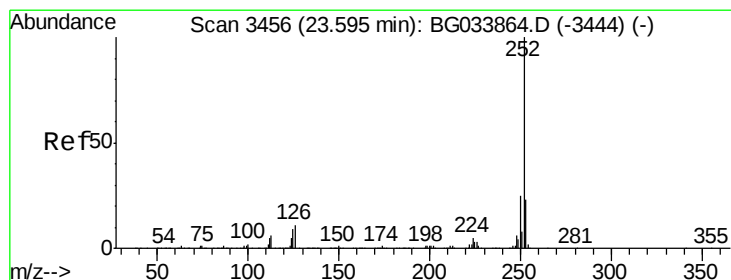
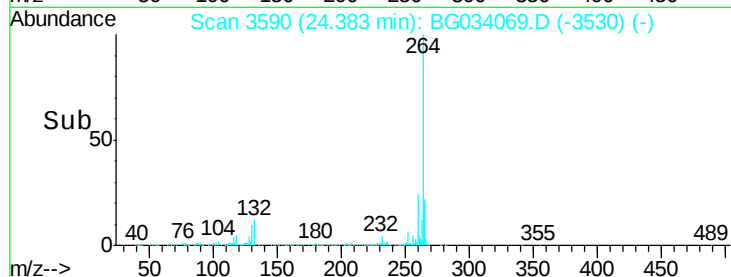
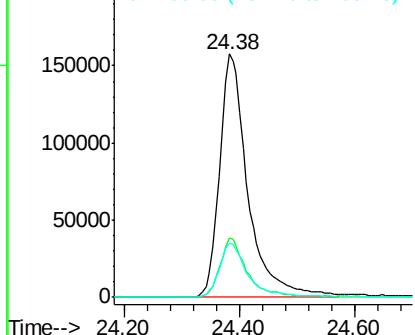
#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.38 min Scan# 3590
 Delta R.T. -0.18 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 536020
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.4 26.0
 265 22.1 17.7 26.5

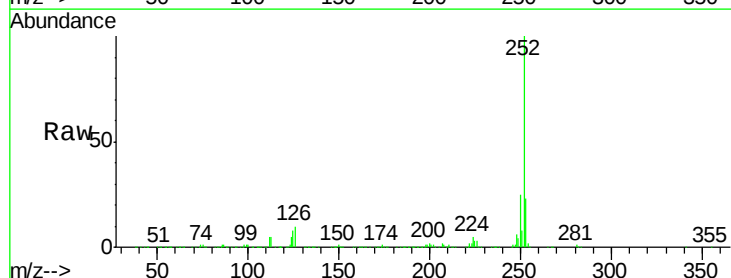


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

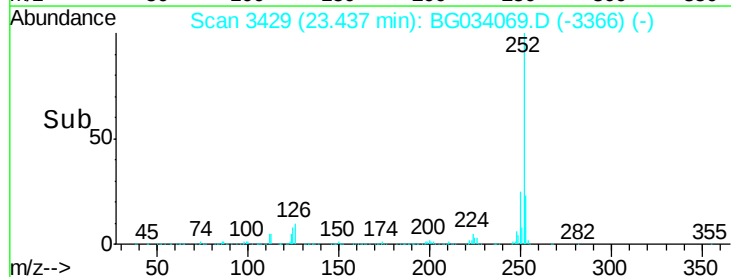
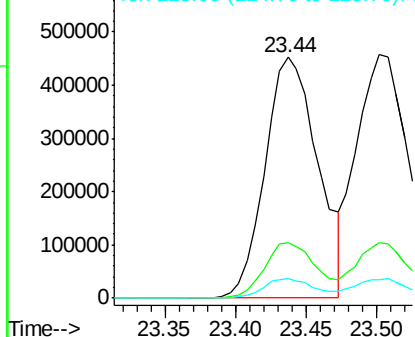


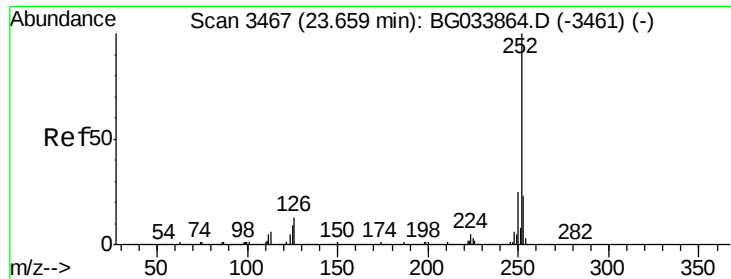
#87
 Benzo(b)fluoranthene
 Concen: 36.25 ng
 RT: 23.44 min Scan# 3429
 Delta R.T. -0.16 min
 Lab File: BG034069.D
 Acq: 28 Apr 2018 11:28

Tgt Ion:252 Resp: 1185292
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.2 27.4
 125 8.0 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

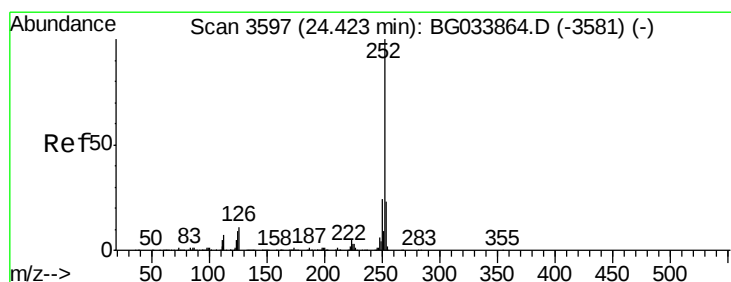
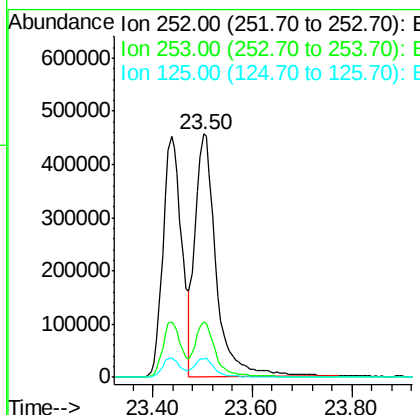
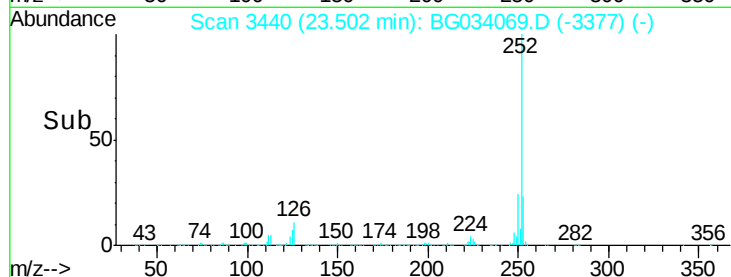
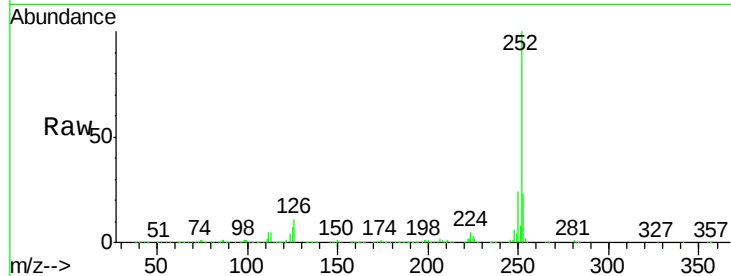




#88
Benzo(k)fluoranthene
Concen: 41.30 ng
RT: 23.50 min Scan# 3440
Delta R.T. -0.16 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

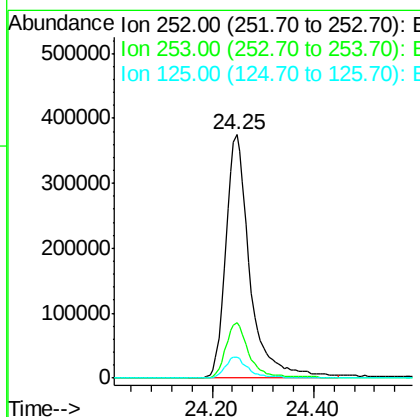
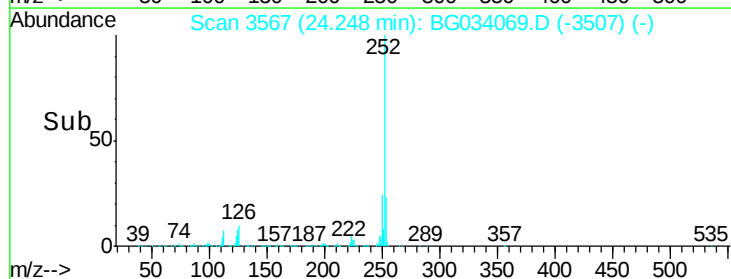
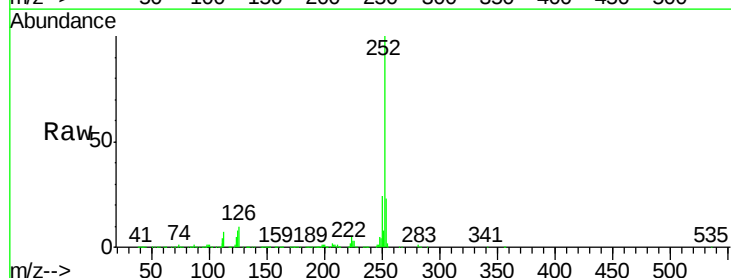
Instrument :
BNA_G
ClientSampleId :

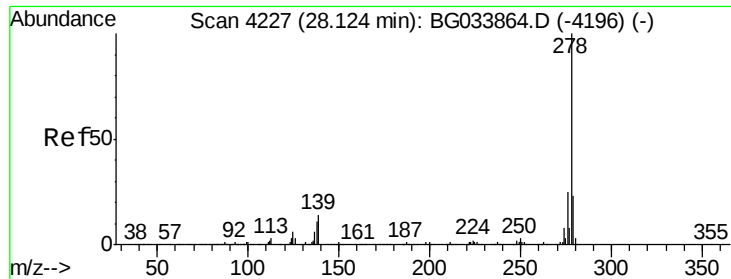
Tot Ion:252 Resp: 1341628
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 7.5 6.6 9.8



#89
Benzo(a)pyrene
Concen: 39.27 ng
RT: 24.25 min Scan# 3567
Delta R.T. -0.18 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion:252 Resp: 1229937
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 8.5 7.3 10.9

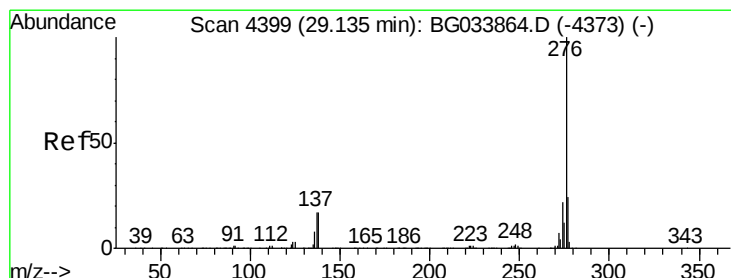
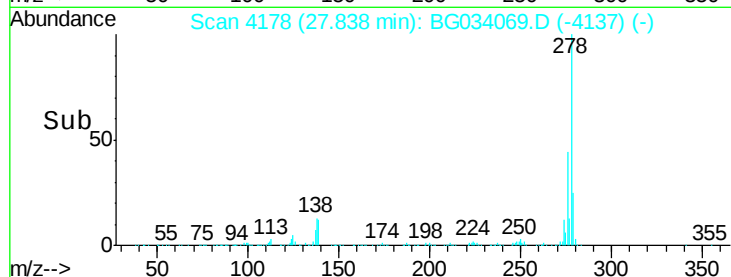
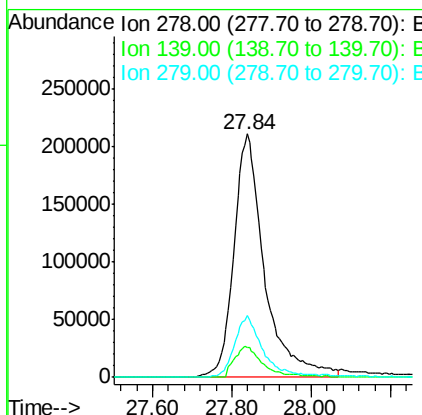
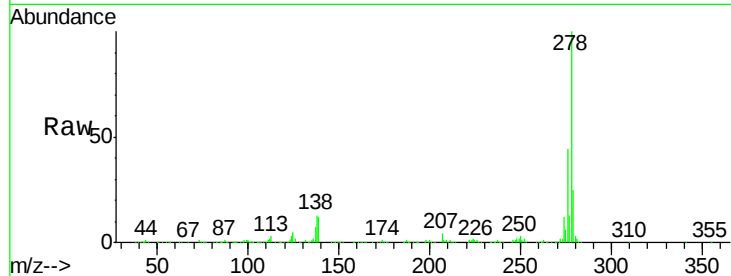




#90
Dibenzo(a,h)anthracene
Concen: 37.47 ng
RT: 27.84 min Scan# 4178
Delta R.T. -0.29 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 1135393
Ion Ratio Lower Upper
278 100
139 12.0 9.8 14.6
279 25.4 18.4 27.6



#91
Benzo(g,h,i)perylene
Concen: 38.56 ng
RT: 28.82 min Scan# 4346
Delta R.T. -0.31 min
Lab File: BG034069.D
Acq: 28 Apr 2018 11:28

Tgt Ion:276 Resp: 1149932
Ion Ratio Lower Upper
276 100
277 24.6 18.3 27.5
138 16.4 13.9 20.9

