

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021687.D
 Acq On : 15 Apr 2016 14:38
 Operator : UM/SJ
 Sample : PB89669BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

Quant Time: Apr 15 16:33:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	38508	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	166613	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	95814	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	207000	20.00	ng	0.00
75) Chrysene-d12	21.84	240	233489	20.00	ng	0.00
86) Perylene-d12	25.17	264	196030	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.77	112	301470	130.37	ng	0.01
7) Phenol-d6	7.38	99	421037	121.89	ng	0.02
23) Nitrobenzene-d5	9.39	82	266932	82.35	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	143348	138.82	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	576910	88.22	ng	0.00
78) Terphenyl-d14	20.15	244	761091	81.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.63	88	27281	26.50	ng	# 83
3) Pyridine	4.04	79	96290	31.17	ng	89
4) n-Nitrosodimethylamine	3.96	42	50730	33.14	ng	# 85
6) Aniline	7.55	93	44487	9.74	ng	98
8) 2-Chlorophenol	7.79	128	112610	40.62	ng	95
9) Benzaldehyde	7.35	77	35753	17.90	ng	94
10) Phenol	7.41	94	146507	39.44	ng	96
11) bis(2-Chloroethyl)ether	7.63	93	112813	37.94	ng	91
12) 1,3-Dichlorobenzene	8.11	146	117804	38.05	ng	98
13) 1,4-Dichlorobenzene	8.26	146	122356	38.82	ng	98
14) 1,2-Dichlorobenzene	8.58	146	115952	38.35	ng	96
15) Benzyl Alcohol	8.46	79	105624	40.01	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.75	45	211145	33.15	ng	98
17) 2-Methylphenol	8.66	107	100275	39.04	ng	94
18) Hexachloroethane	9.31	117	42202	36.79	ng	# 81
19) n-Nitroso-di-n-propylamine	9.03	70	91128	33.95	ng	# 96
20) 3+4-Methylphenols	8.99	107	137201	39.03	ng	98
22) Acetophenone	9.04	105	168213	36.25	ng	# 99
24) Nitrobenzene	9.43	77	134846	38.85	ng	94
25) Isophorone	9.96	82	247405	34.87	ng	99
26) 2-Nitrophenol	10.14	139	52842	39.88	ng	96
27) 2,4-Dimethylphenol	10.20	122	110562	36.73	ng	99
28) bis(2-Chloroethoxy)methane	10.43	93	147692	39.18	ng	92
29) 2,4-Dichlorophenol	10.68	162	112713	43.92	ng	98
30) 1,2,4-Trichlorobenzene	10.90	180	114907	41.64	ng	94
31) Naphthalene	11.09	128	354997	39.81	ng	# 95
32) Benzoic acid	10.32	122	69355	42.07	ng	99
33) 4-Chloroaniline	11.19	127	37121	9.62	ng	96
34) Hexachlorobutadiene	11.37	225	75136	42.21	ng	98
35) Caprolactam	11.98	113	32286	27.49	ng	94
36) 4-Chloro-3-methylphenol	12.29	107	124498	38.58	ng	99
37) 2-Methylnaphthalene	12.68	142	251272	41.05	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	128593	42.94	ng	98
40) Hexachlorocyclopentadiene	13.01	237	39493	23.74	ng	100

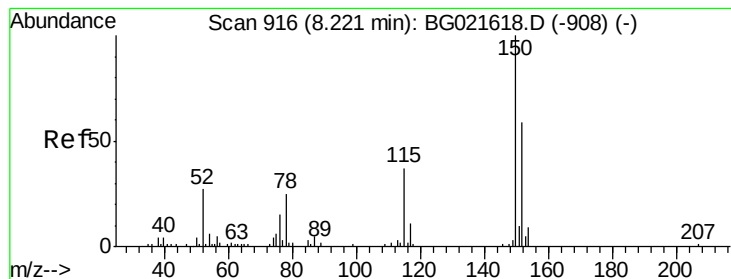
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	86910	45.52	ng	96
43) 2,4,5-Trichlorophenol	13.35	196	91392	44.36	ng	95
45) 1,1'-Biphenyl	13.67	154	321682	39.85	ng	97
46) 2-Chloronaphthalene	13.72	162	247642	41.49	ng	98
47) 2-Nitroaniline	13.91	65	89593	43.78	ng	96
48) Acenaphthylene	14.56	152	394114	39.94	ng	97
49) Dimethylphthalate	14.27	163	305993	36.94	ng	98
50) 2,6-Dinitrotoluene	14.40	165	65134	41.23	ng	98
51) Acenaphthene	14.89	154	241442	38.27	ng	97
52) 3-Nitroaniline	14.73	138	48095	27.45	ng	98
53) 2,4-Dinitrophenol	14.93	184	3572	12.79	ng	# 82
54) Dibenzofuran	15.23	168	378717	43.97	ng	97
55) 4-Nitrophenol	15.03	139	120828	80.55	ng	97
56) 2,4-Dinitrotoluene	15.18	165	85466	40.03	ng	96
57) Fluorene	15.87	166	303917	39.51	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.44	232	82383	48.19	ng	99
59) Diethylphthalate	15.63	149	310897	35.95	ng	96
60) 4-Chlorophenyl-phenylether	15.85	204	149925	39.57	ng	98
61) 4-Nitroaniline	15.88	138	72668	37.70	ng	97
62) Azobenzene	16.15	77	303865	41.01	ng	99
64) 4,6-Dinitro-2-methylphenol	15.94	198	3050	8.54	ng	90
65) n-Nitrosodiphenylamine	16.07	169	265059	42.69	ng	97
66) 4-Bromophenyl-phenylether	16.75	248	95431	43.03	ng	97
67) Hexachlorobenzene	16.87	284	100762	43.04	ng	96
68) Atrazine	17.01	200	100731	41.09	ng	99
69) Pentachlorophenol	17.21	266	127507	95.40	ng	94
70) Phenanthrene	17.60	178	471356	41.32	ng	98
71) Anthracene	17.70	178	478315	41.30	ng	97
72) Carbazole	17.96	167	439414	40.65	ng	97
73) Di-n-butylphthalate	18.50	149	540560	39.31	ng	99
74) Fluoranthene	19.60	202	537208	39.43	ng	99
76) Benzidine	19.77	184	215143	29.59	ng	100
77) Pyrene	19.96	202	554484	41.18	ng	99
79) Butylbenzylphthalate	20.83	149	251381	40.22	ng	99
80) Benzo(a)anthracene	21.82	228	553072	41.16	ng	98
81) 3,3'-Dichlorobenzidine	21.72	252	114633	10.78	ng	99
82) Chrysene	21.89	228	514566	39.86	ng	98
83) Bis(2-ethylhexyl)phthalate	21.71	149	365267	39.96	ng	# 99
84) Di-n-octyl phthalate	22.96	149	634322	41.43	ng	100
85) Indeno(1,2,3-cd)pyrene	28.99	276	334042	21.77	ng	# 88
87) Benzo(b)fluoranthene	24.11	252	484263	42.57	ng	99
88) Benzo(k)fluoranthene	24.19	252	525447	47.24	ng	98
89) Benzo(a)pyrene	25.02	252	459256	41.67	ng	98
90) Dibenzo(a,h)anthracene	29.07	278	302052	27.34	ng	99
91) Benzo(g,h,i)perylene	30.18	276	253927	23.42	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 916

Delta R.T. 0.00 min

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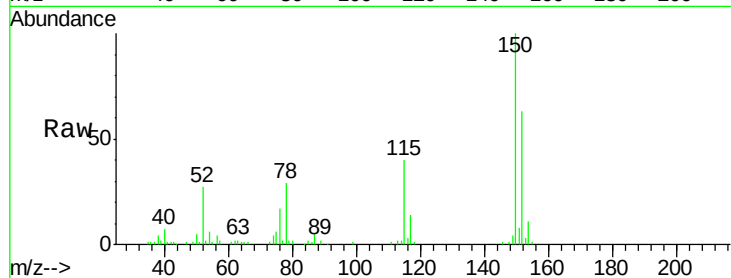
Tgt Ion:152 Resp: 38508

Ion Ratio Lower Upper

152 100

150 158.3 130.1 195.1

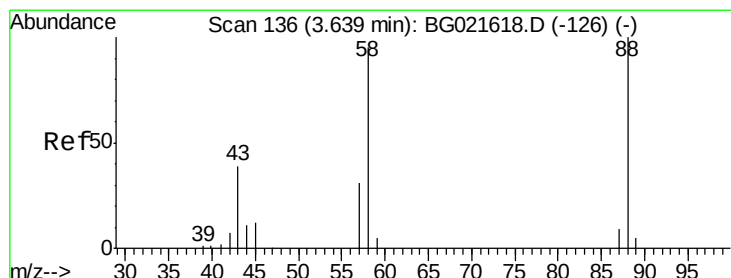
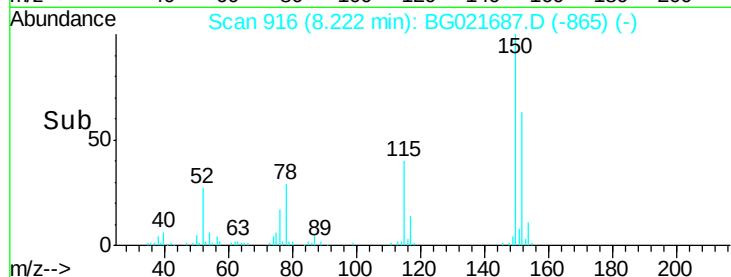
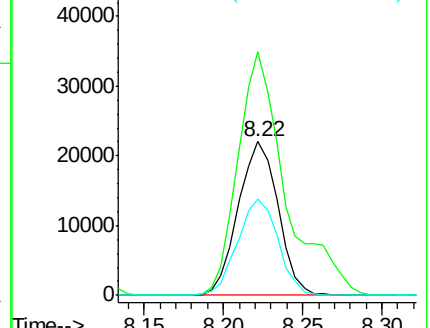
115 63.1 62.2 93.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.50 ng

RT: 3.63 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

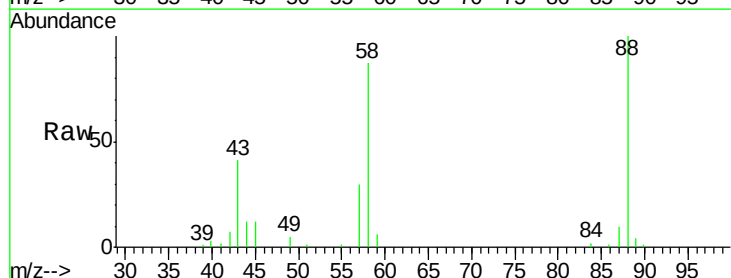
Tgt Ion: 88 Resp: 27281

Ion Ratio Lower Upper

88 100

58 92.9 61.8 92.8#

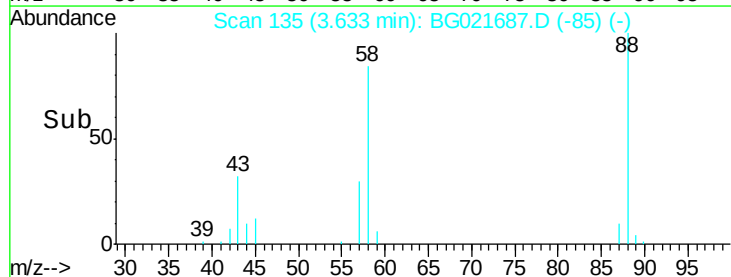
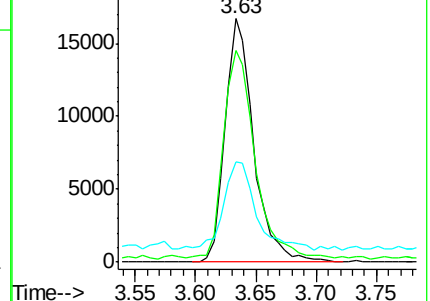
43 42.4 27.3 40.9#

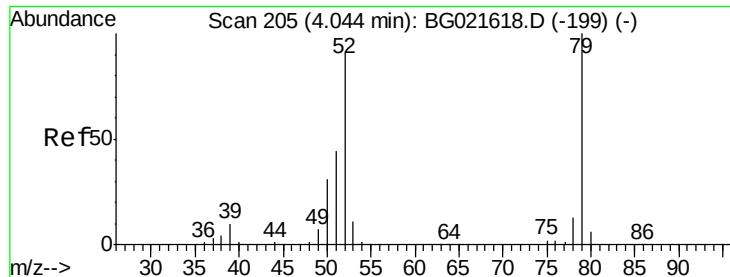


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.17 ng

RT: 4.04 min Scan# 205

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

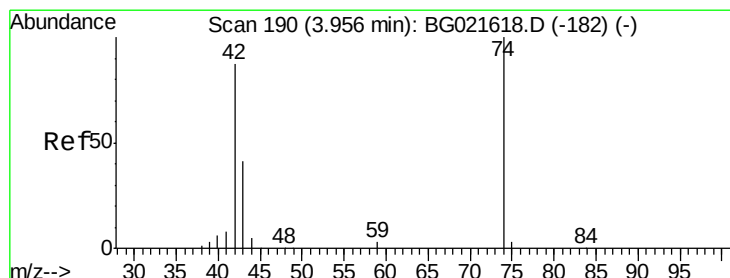
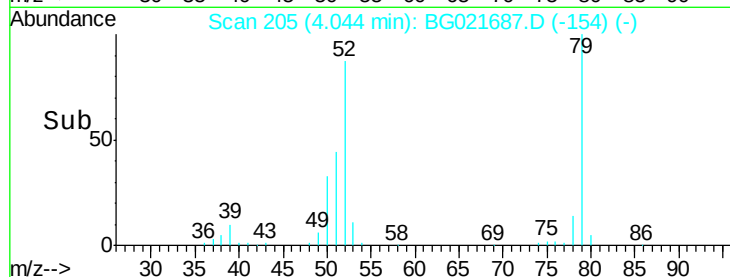
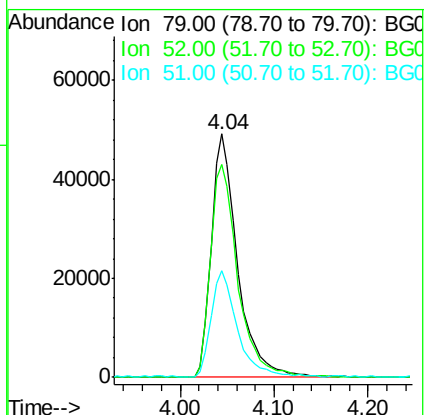
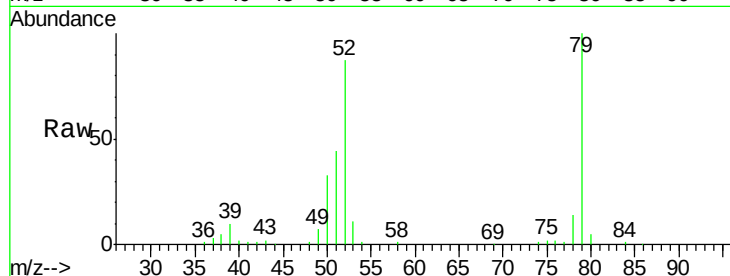
Tgt Ion: 79 Resp: 96290

Ion Ratio Lower Upper

79 100

52 87.3 77.2 115.8

51 43.6 42.5 63.7



#4

n-Nitrosodimethylamine

Concen: 33.14 ng

RT: 3.96 min Scan# 190

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

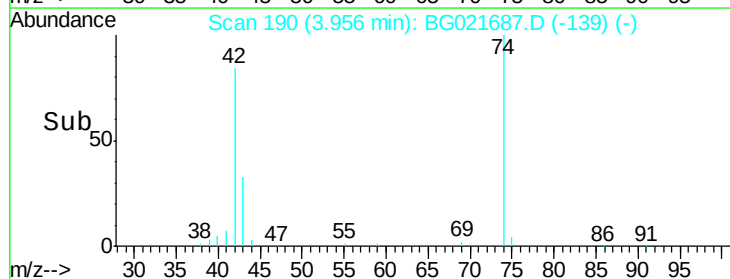
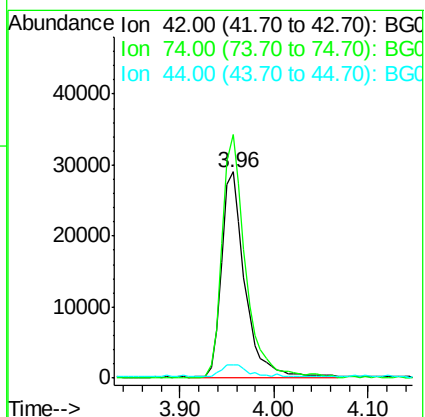
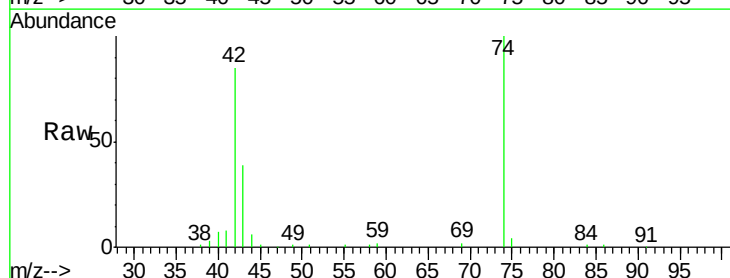
Tgt Ion: 42 Resp: 50730

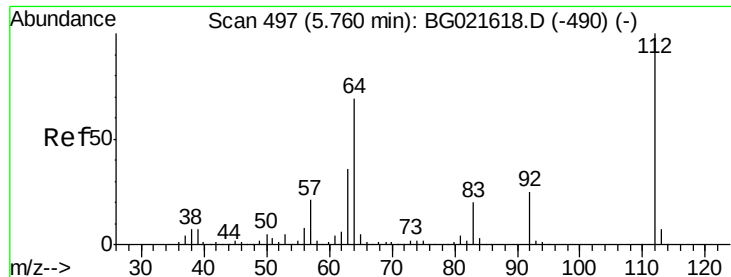
Ion Ratio Lower Upper

42 100

74 118.2 83.0 124.4

44 6.5 11.0 16.6#





#5

2-Fluorophenol

Concen: 130.37 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

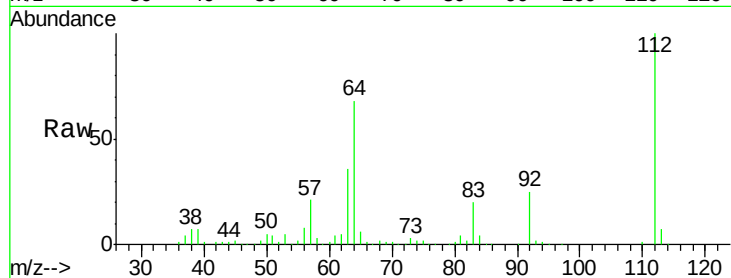
Tgt Ion: 112 Resp: 301470

Ion Ratio Lower Upper

112 100

64 67.8 51.1 76.7

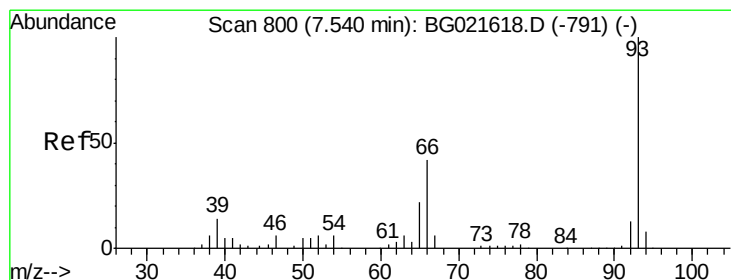
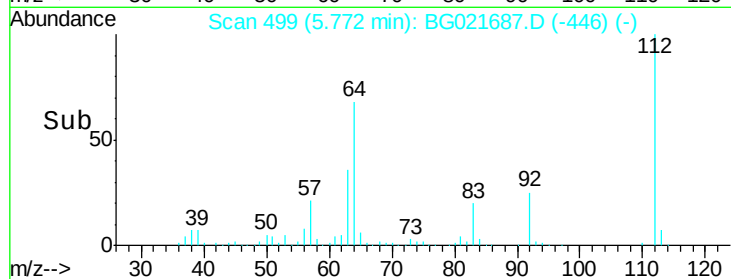
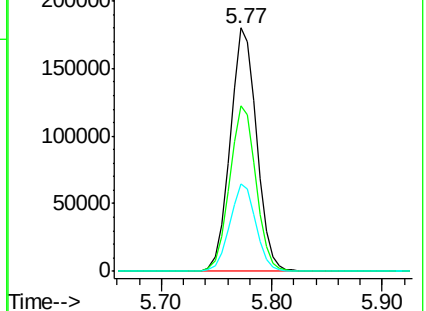
63 35.8 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.74 ng

RT: 7.55 min Scan# 801

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

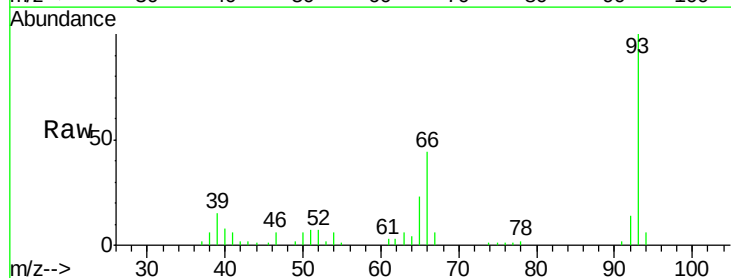
Tgt Ion: 93 Resp: 44487

Ion Ratio Lower Upper

93 100

66 43.9 36.3 54.5

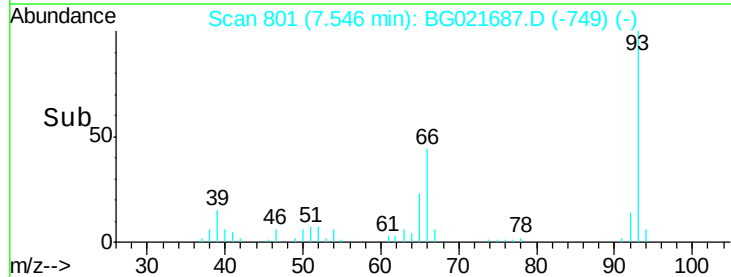
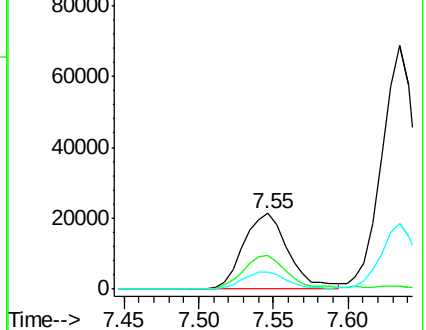
65 23.1 18.4 27.6

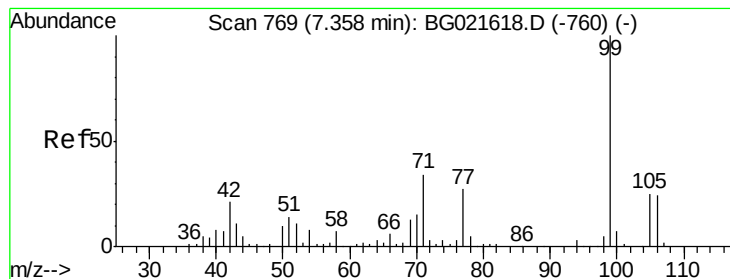


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.89 ng

RT: 7.38 min Scan# 772

Delta R.T. 0.02 min

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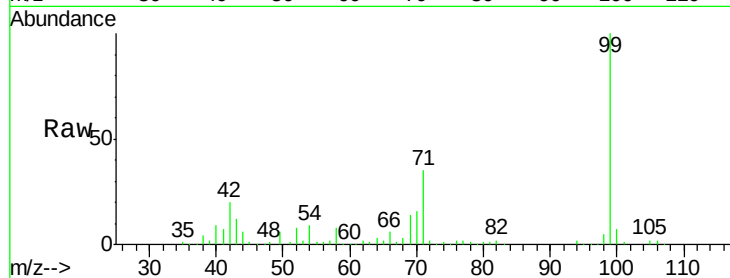
Tgt Ion: 99 Resp: 421037

Ion Ratio Lower Upper

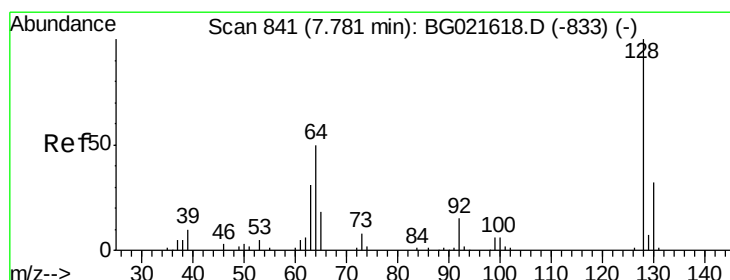
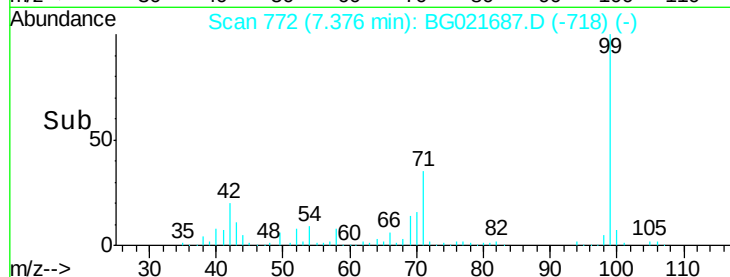
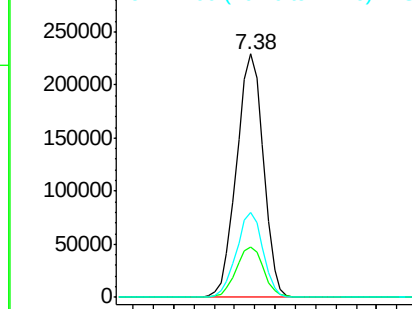
99 100

42 20.5 16.4 24.6

71 34.8 25.0 37.4



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: 40.62 ng

RT: 7.79 min Scan# 842

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

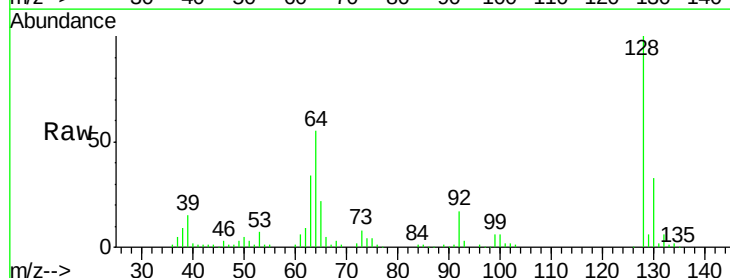
Tgt Ion: 128 Resp: 112610

Ion Ratio Lower Upper

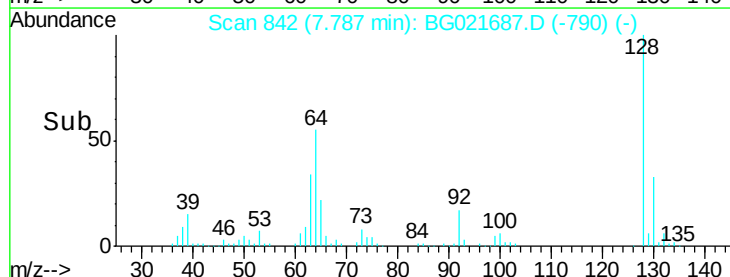
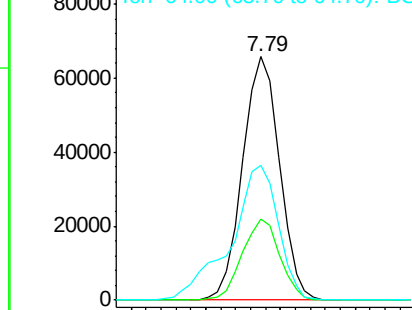
128 100

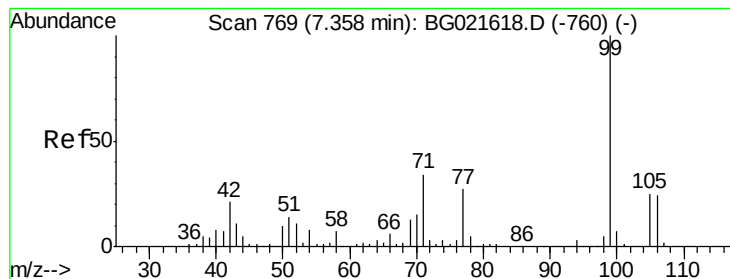
130 33.5 11.2 51.2

64 55.2 39.8 79.8



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.90 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

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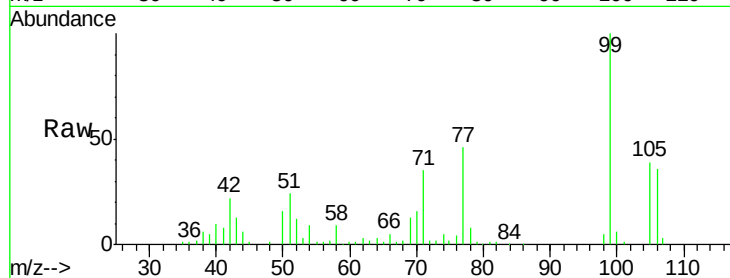
Tgt Ion: 77 Resp: 35753

Ion Ratio Lower Upper

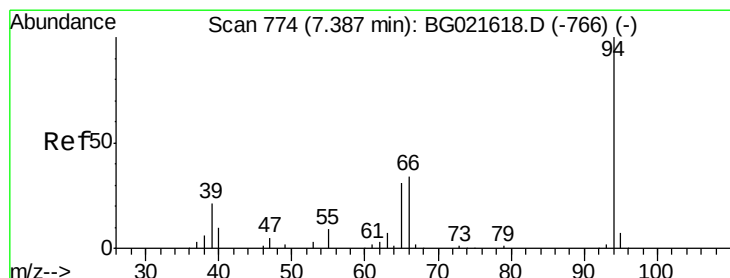
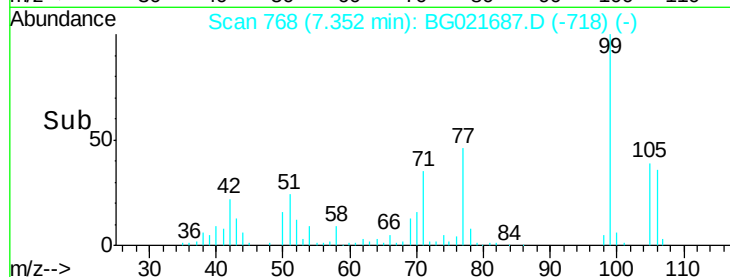
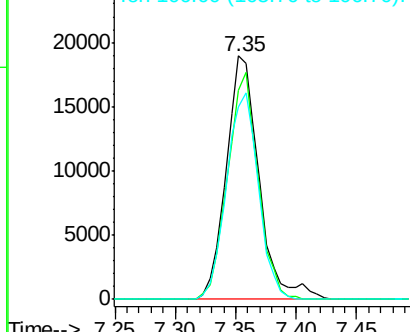
77 100

105 85.7 62.1 102.1

106 79.0 65.6 105.6



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



#10

Phenol

Concen: 39.44 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.02 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

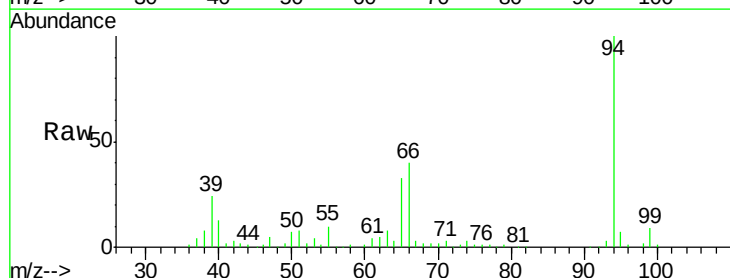
Tgt Ion: 94 Resp: 146507

Ion Ratio Lower Upper

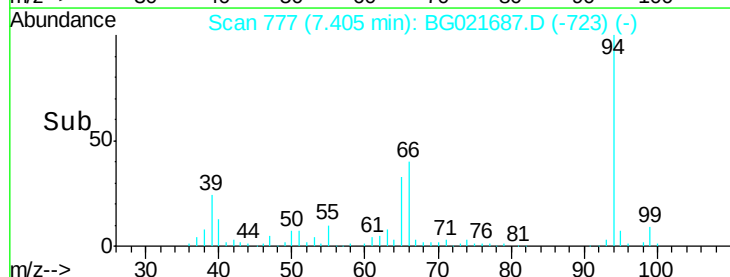
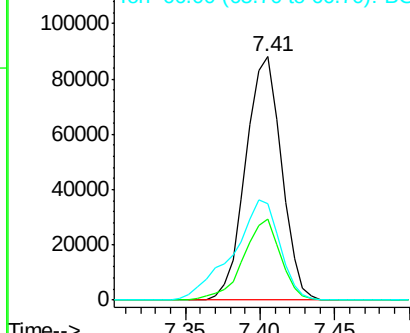
94 100

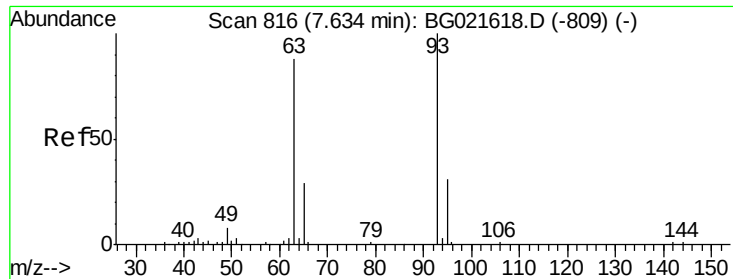
65 33.2 9.8 49.8

66 39.8 20.8 60.8



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

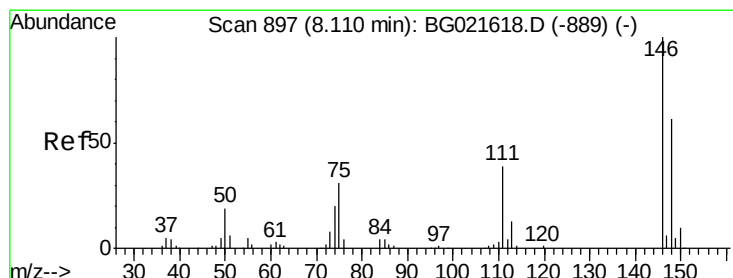
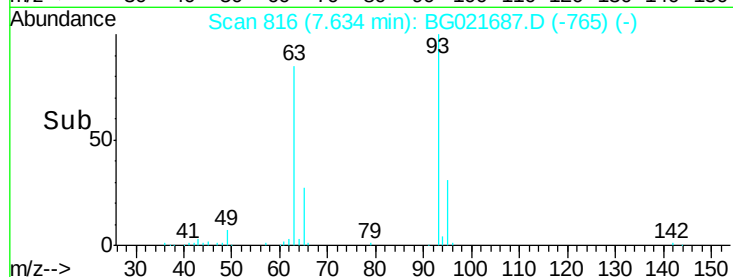
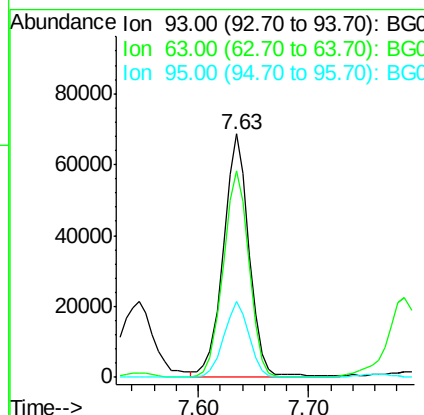
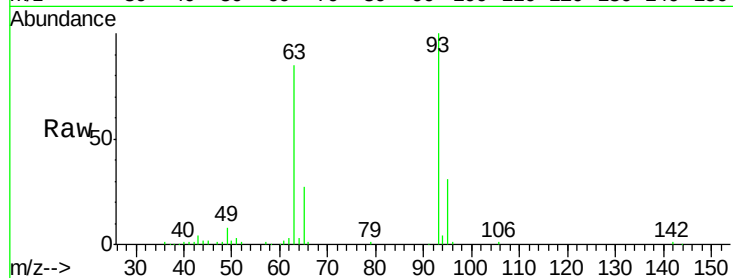




#11
 bis(2-Chloroethyl)ether
 Concen: 37.94 ng
 RT: 7.63 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

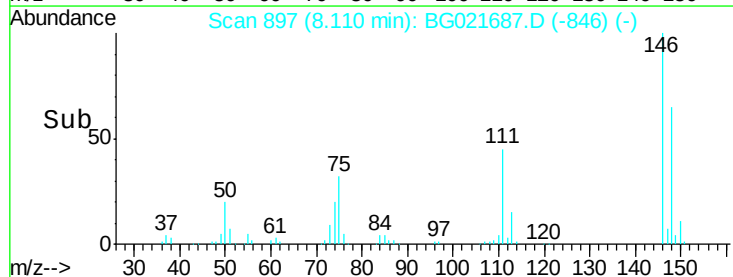
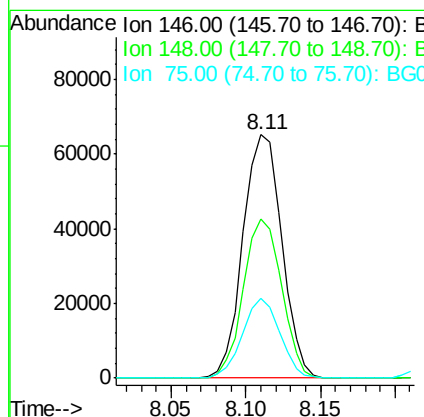
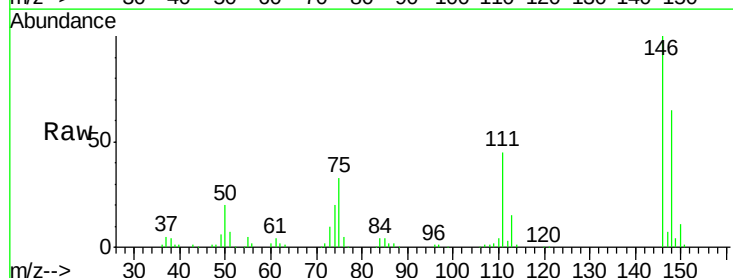
Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

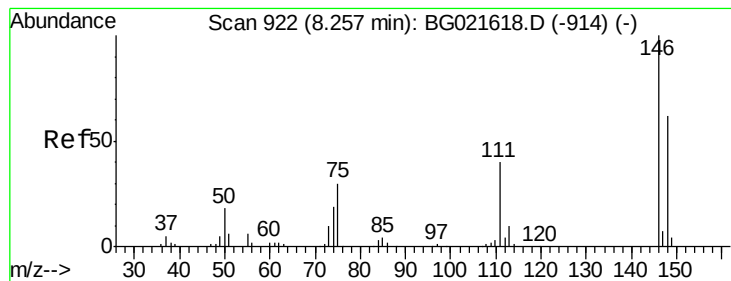
Tgt Ion: 93 Resp: 112813
 Ion Ratio Lower Upper
 93 100
 63 84.8 74.9 114.9
 95 31.1 8.3 48.3



#12
 1,3-Dichlorobenzene
 Concen: 38.05 ng
 RT: 8.11 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion: 146 Resp: 117804
 Ion Ratio Lower Upper
 146 100
 148 65.2 53.7 80.5
 75 32.8 27.4 41.0





#13

1,4-Dichlorobenzene

Concen: 38.82 ng

RT: 8.26 min Scan# 922

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

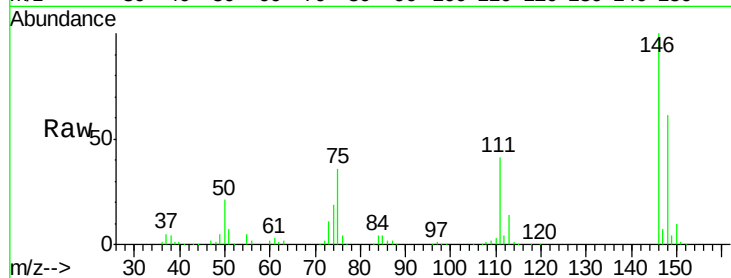
Tgt Ion:146 Resp: 122356

Ion Ratio Lower Upper

146 100

148 60.6 46.7 70.1

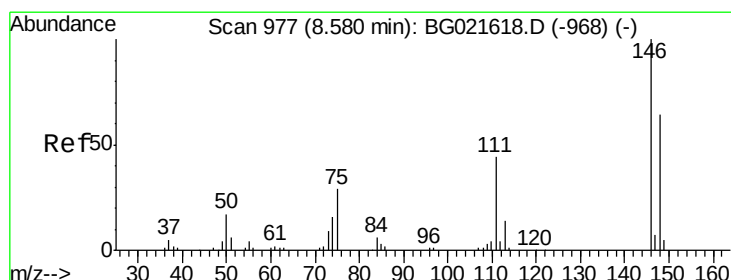
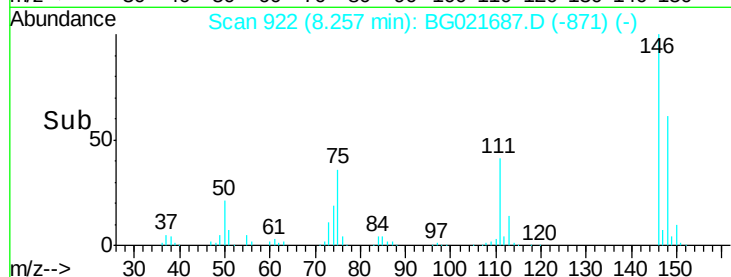
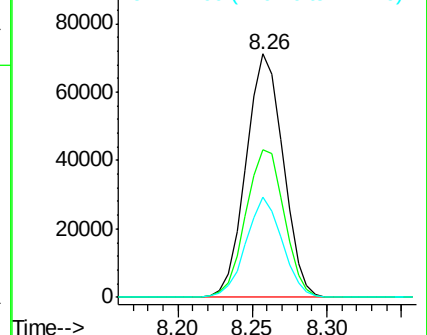
111 41.0 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.35 ng

RT: 8.58 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

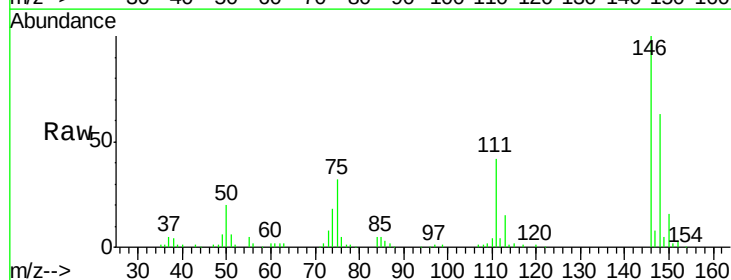
Tgt Ion:146 Resp: 115952

Ion Ratio Lower Upper

146 100

148 63.2 52.6 79.0

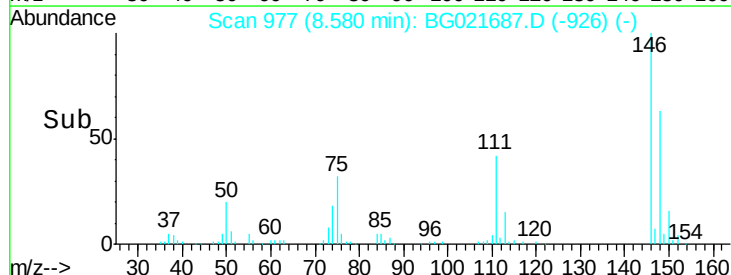
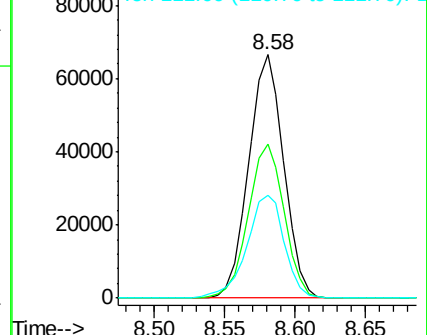
111 42.0 36.1 54.1

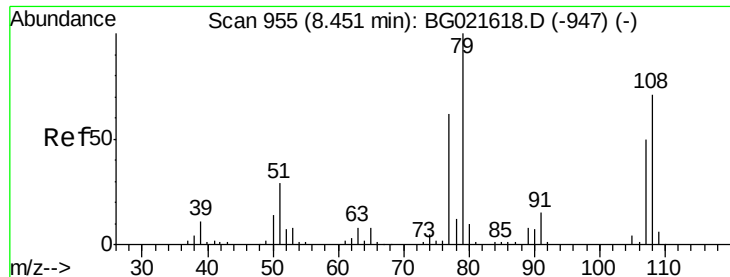


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.01 ng

RT: 8.46 min Scan# 956

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

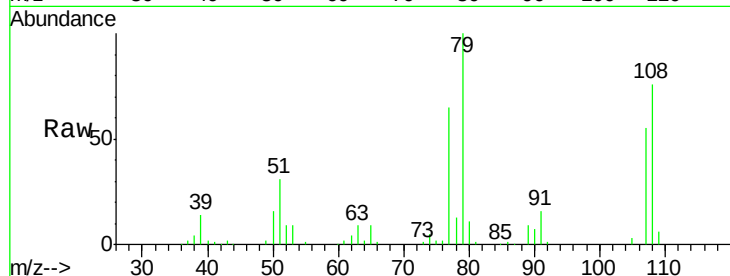
Tgt Ion: 79 Resp: 105624

Ion Ratio Lower Upper

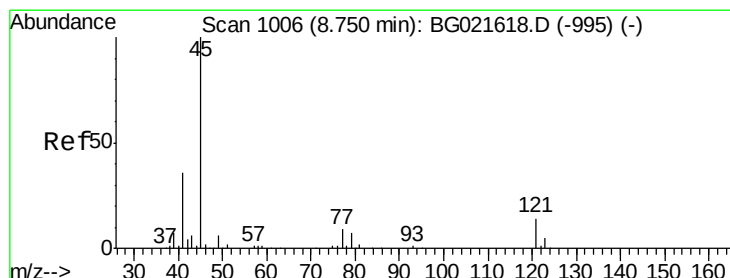
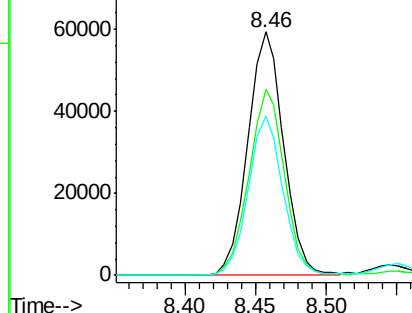
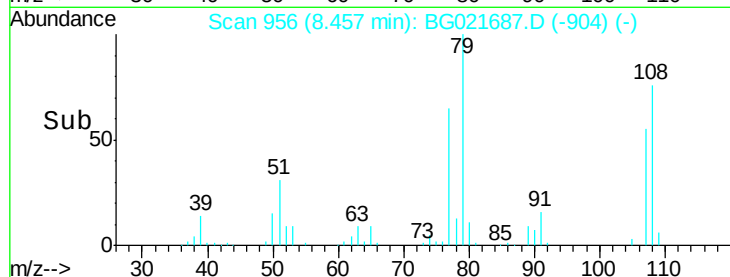
79 100

108 76.2 59.4 89.0

77 65.1 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.15 ng

RT: 8.75 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

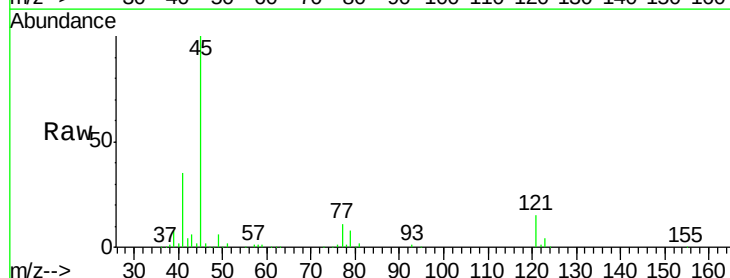
Tgt Ion: 45 Resp: 211145

Ion Ratio Lower Upper

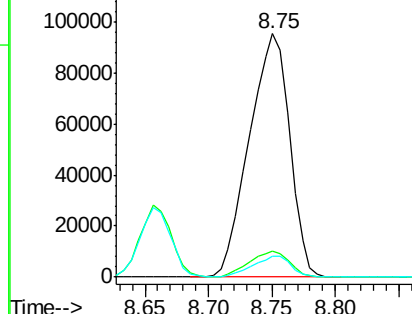
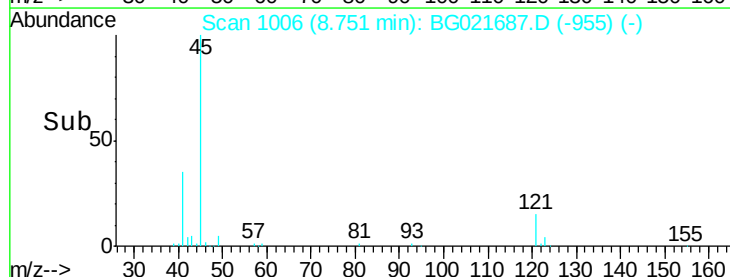
45 100

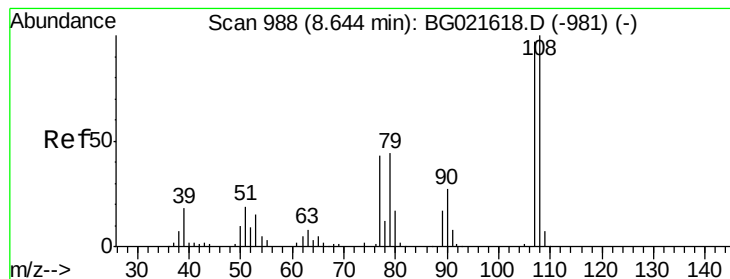
77 10.6 0.0 31.2

79 8.4 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.04 ng

RT: 8.66 min Scan# 990

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

Tgt Ion:107 Resp: 100275

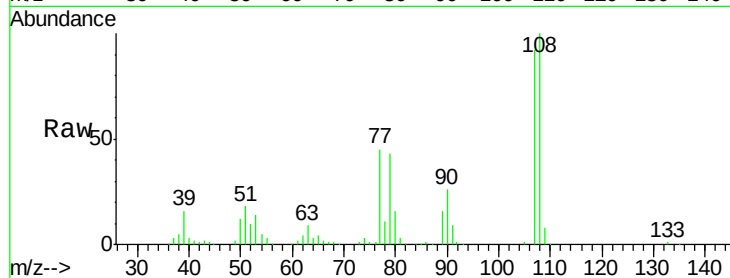
Ion Ratio Lower Upper

107 100

108 108.5 80.2 120.4

77 48.4 40.7 61.1

79 46.9 39.8 59.8

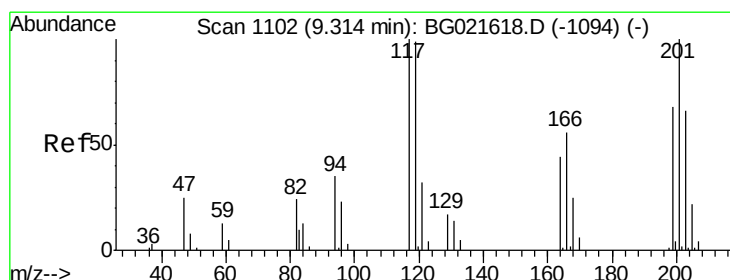
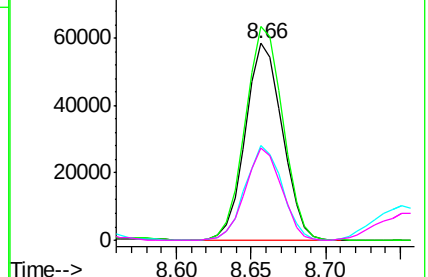
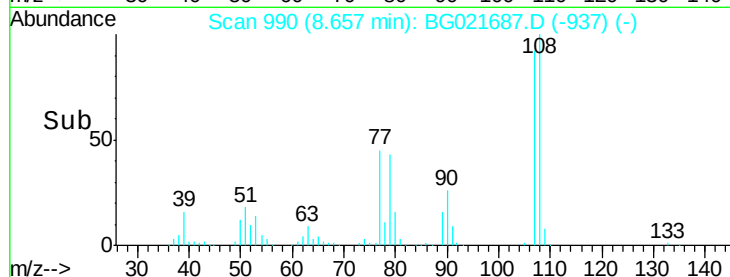


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 36.79 ng

RT: 9.31 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

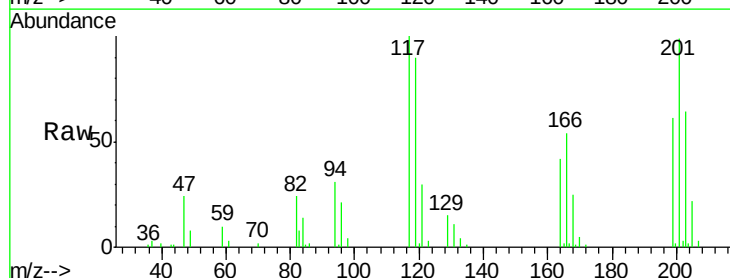
Tgt Ion:117 Resp: 42202

Ion Ratio Lower Upper

117 100

119 90.0 63.9 95.9

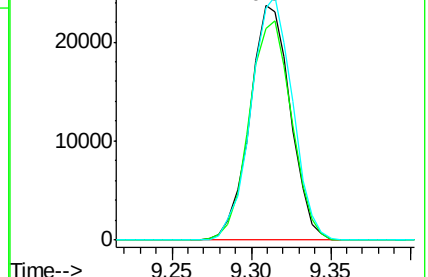
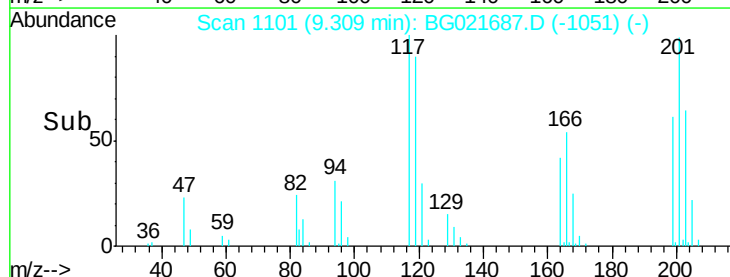
201 99.0 61.2 91.8#

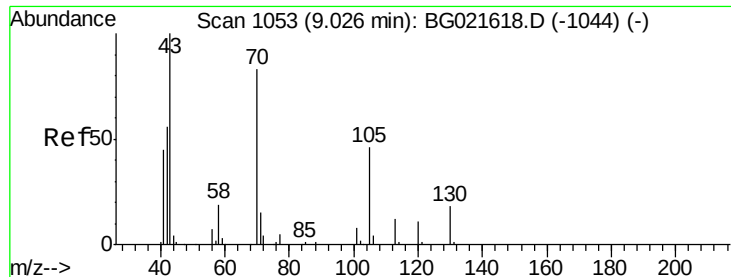


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

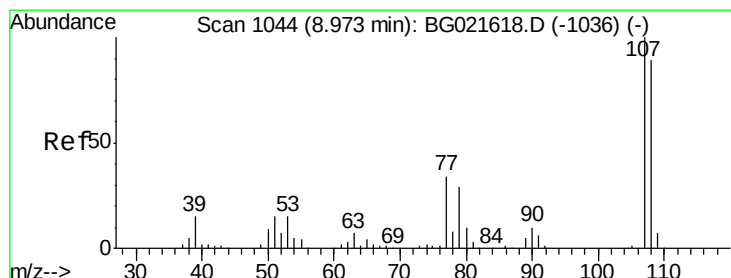
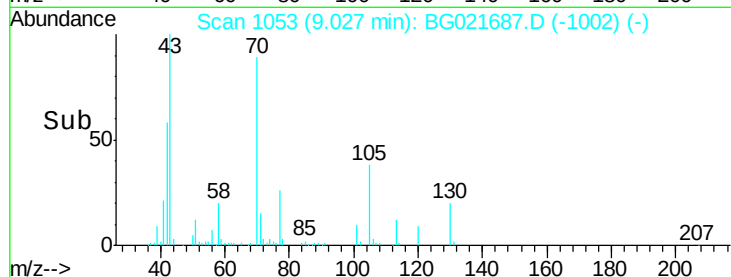
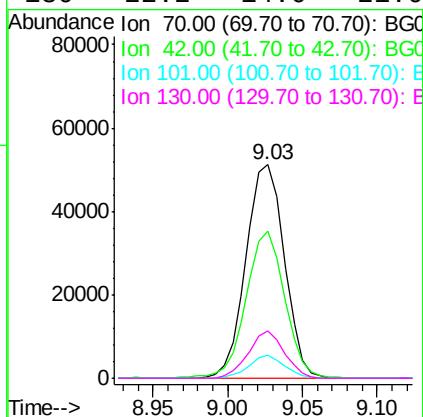
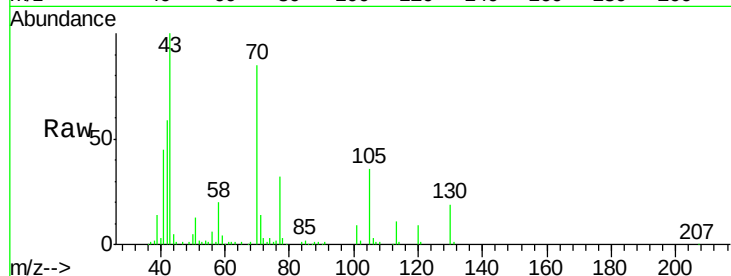




#19
n-Nitroso-di-n-propylamine
Concen: 33.95 ng
RT: 9.03 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

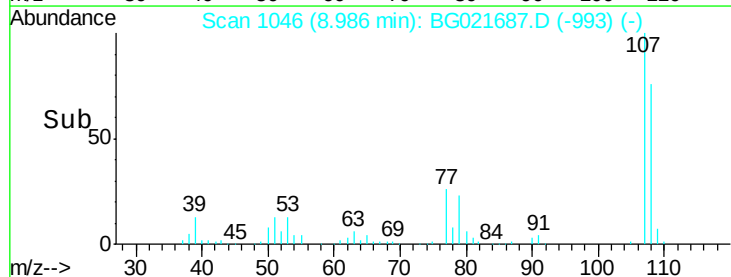
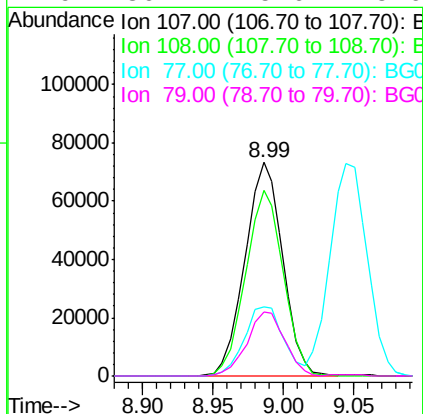
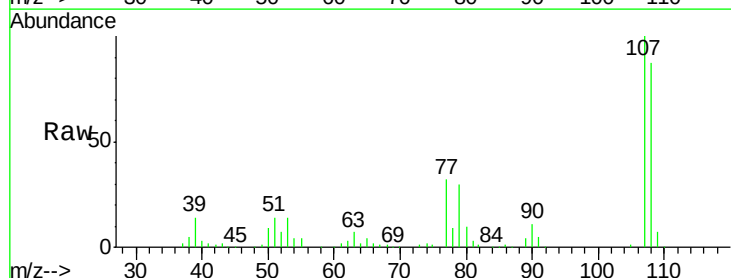
Instrument :
BNA_G
ClientSampleId :
PB89669BS

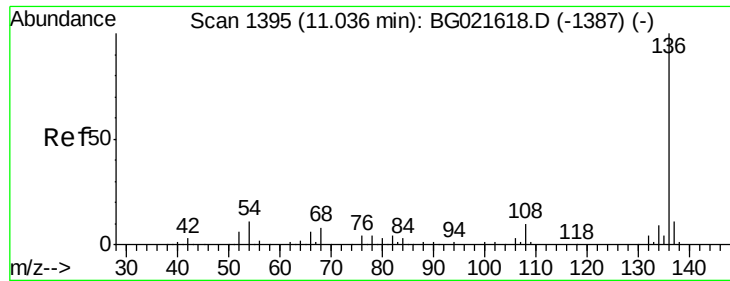
Tgt Ion: 70 Resp: 91128
Ion Ratio Lower Upper
70 100
42 68.9 56.7 85.1
101 10.7 8.2 12.4
130 22.2 14.0 21.0#



#20
3+4-Methylphenols
Concen: 39.03 ng
RT: 8.99 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion: 107 Resp: 137201
Ion Ratio Lower Upper
107 100
108 86.9 66.2 106.2
77 32.3 11.5 51.5
79 30.1 5.6 45.6

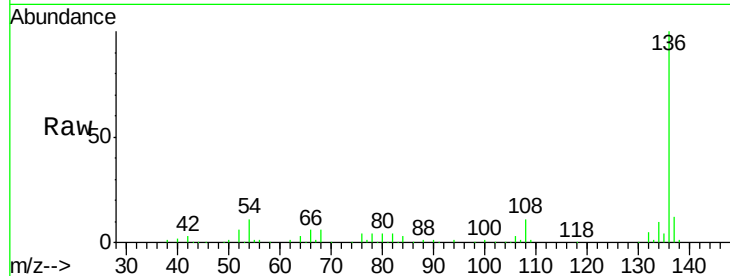




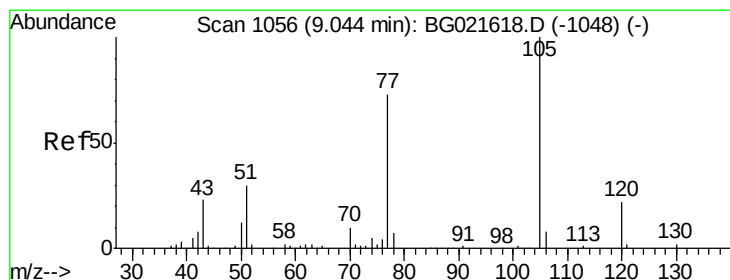
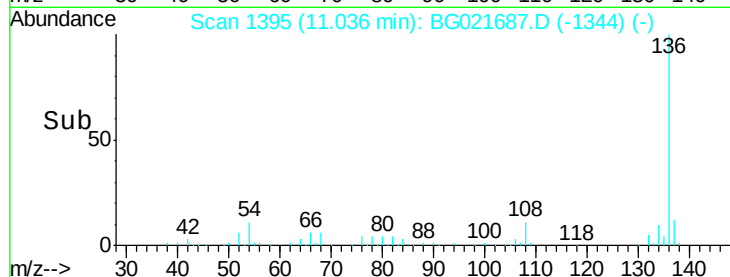
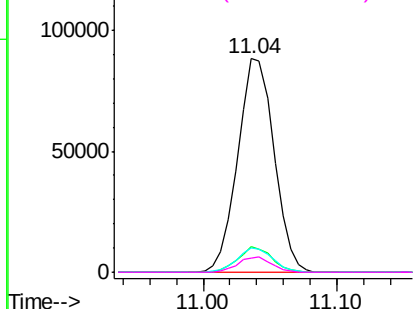
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

Tgt Ion:	136	Resp:	166613
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.4
54	11.2	9.6	14.4
68	6.4	6.4	9.6

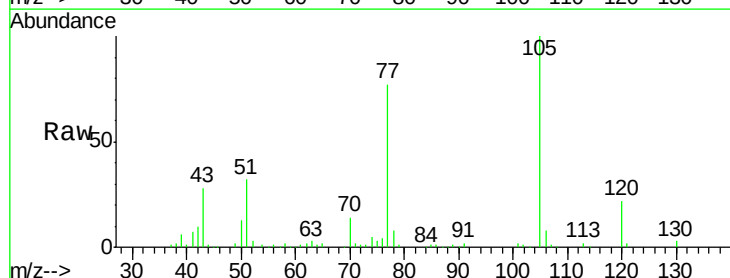


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

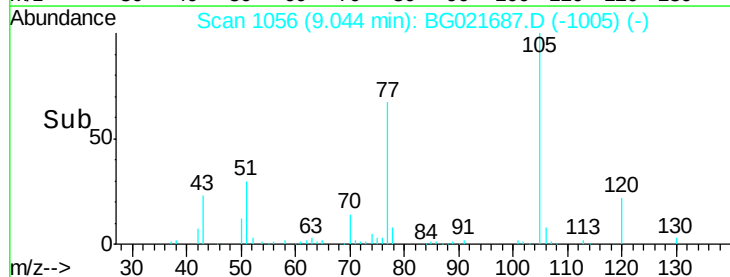
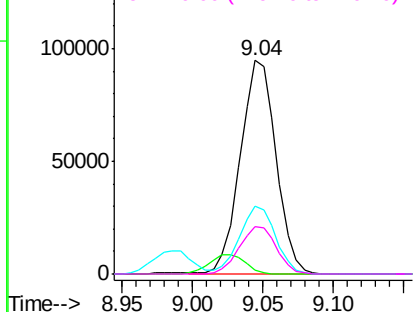


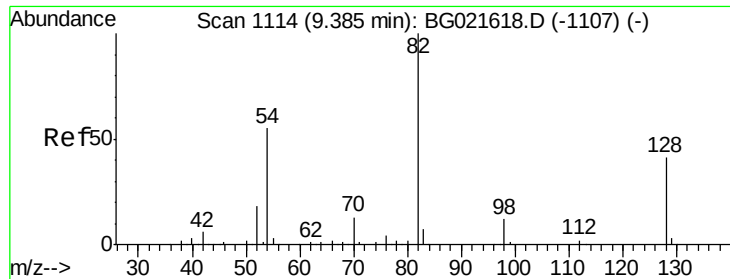
#22
Acetophenone
Concen: 36.25 ng
RT: 9.04 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion:	105	Resp:	168213
Ion	Ratio	Lower	Upper
105	100		
71	2.0	0.0	0.0#
51	31.6	25.7	38.5
120	22.1	17.0	25.6



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

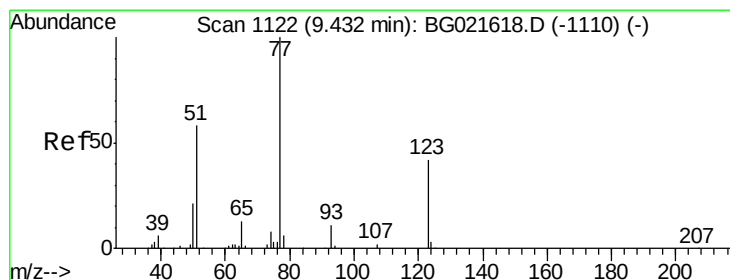
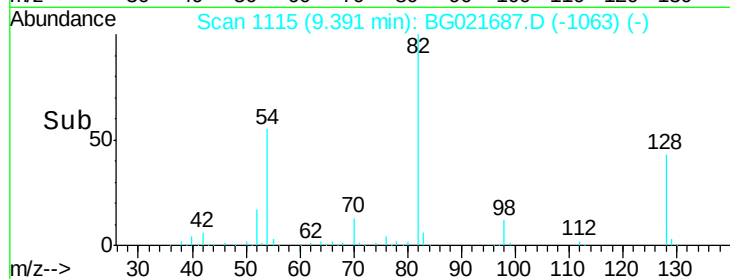
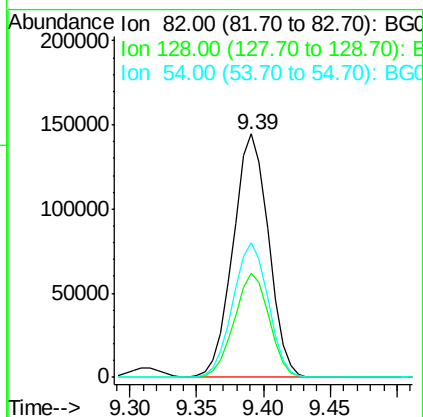
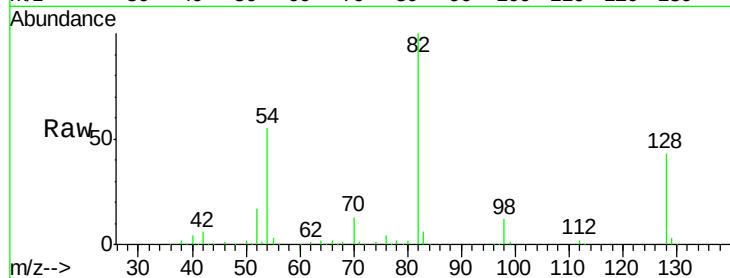




#23
 Nitrobenzene-d5
 Concen: 82.35 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

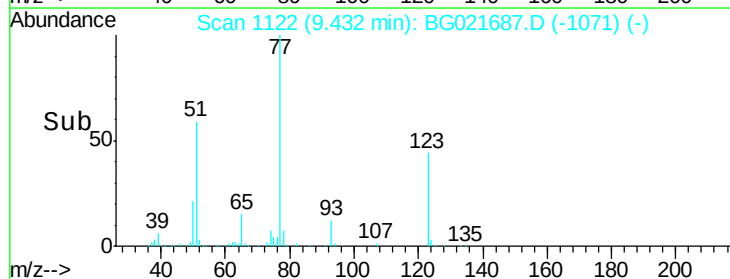
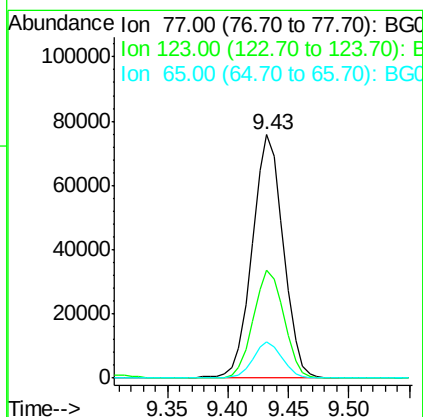
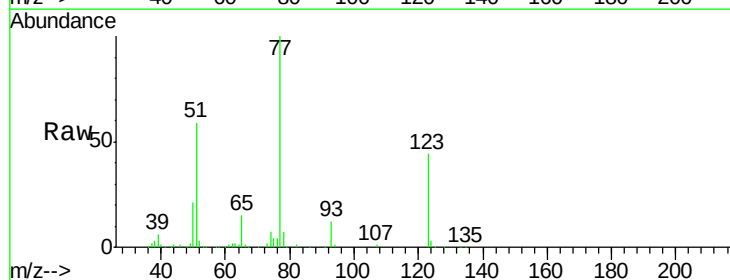
Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

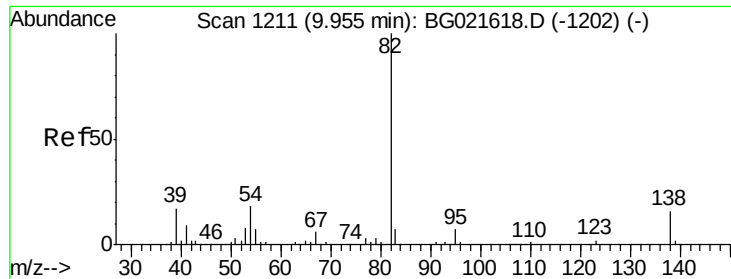
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.4	50.0
54	55.4	46.1	69.1



#24
 Nitrobenzene
 Concen: 38.85 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	32.2	48.4
65	14.7	10.3	15.5





#25

Isophorone

Concen: 34.87 ng

RT: 9.96 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

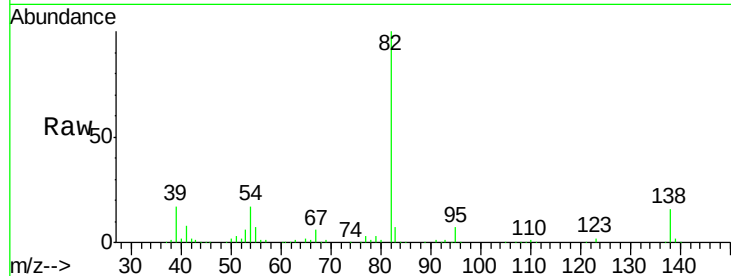
Tgt Ion: 82 Resp: 247405

Ion Ratio Lower Upper

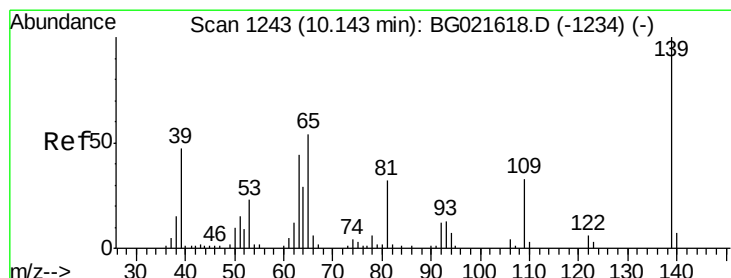
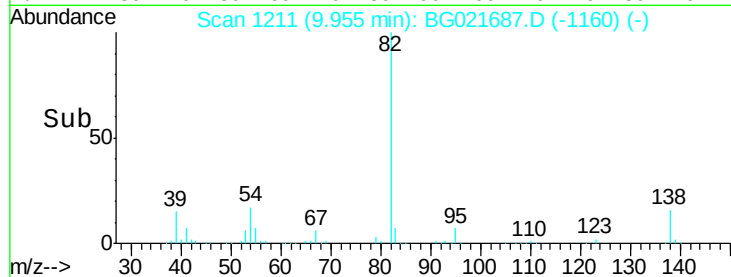
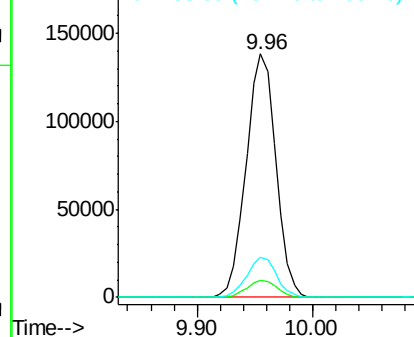
82 100

95 6.9 6.0 9.0

138 16.4 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 39.88 ng

RT: 10.14 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

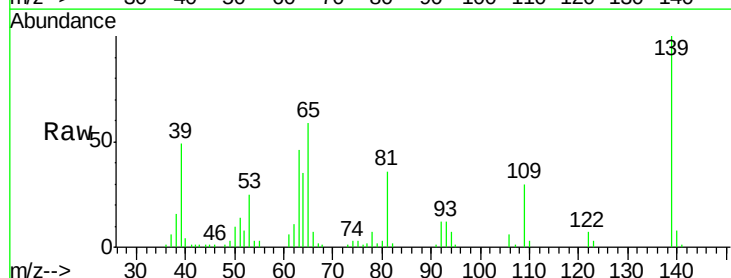
Tgt Ion: 139 Resp: 52842

Ion Ratio Lower Upper

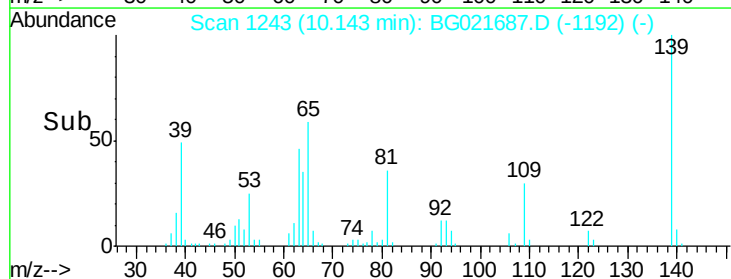
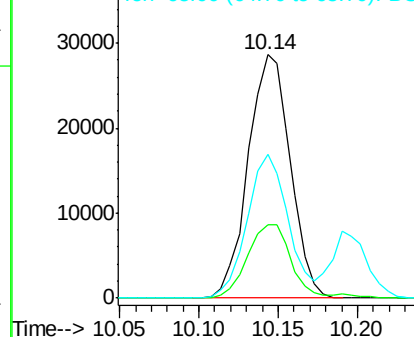
139 100

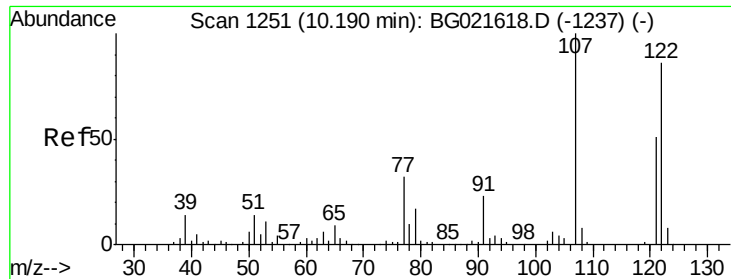
109 30.0 26.6 40.0

65 58.9 45.3 67.9



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

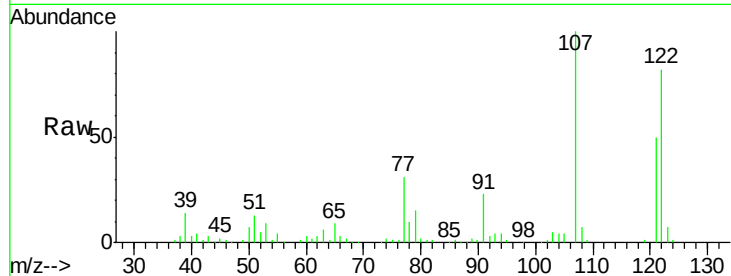




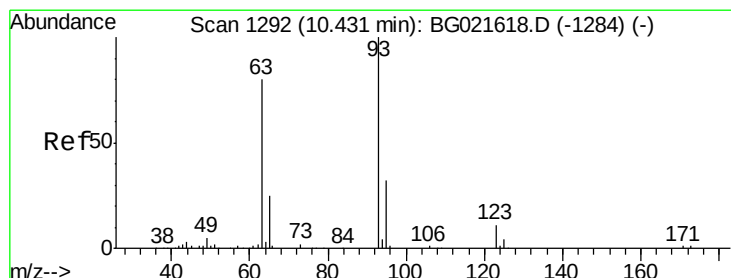
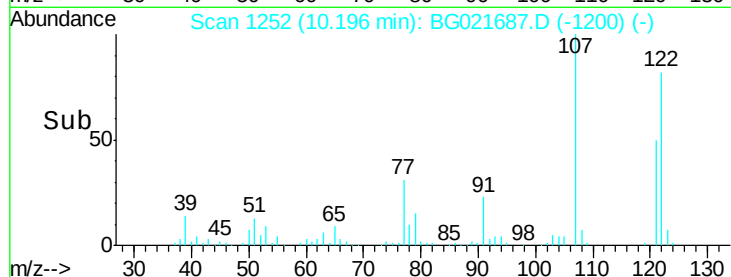
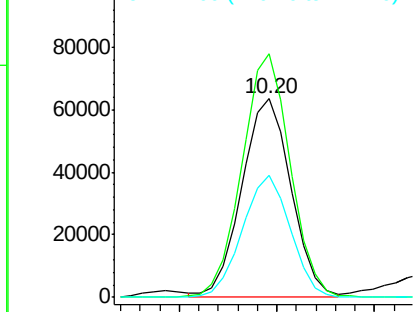
#27
 2,4-Dimethylphenol
 Concen: 36.73 ng
 RT: 10.20 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampled :
 PB89669BS

Tgt Ion: 122 Resp: 110562
 Ion Ratio Lower Upper
 122 100
 107 122.6 97.2 145.8
 121 61.4 49.0 73.4

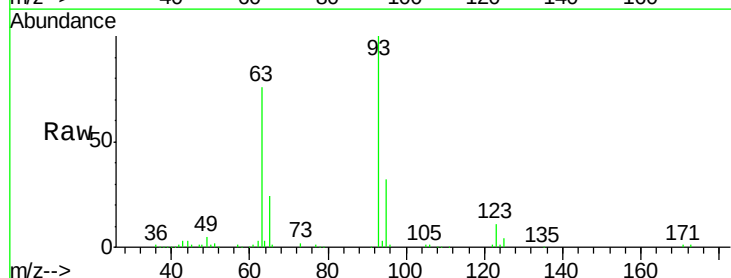


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

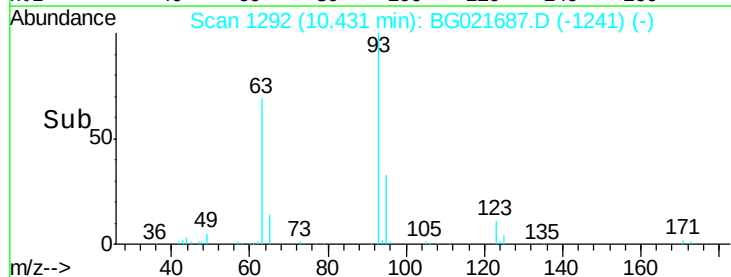
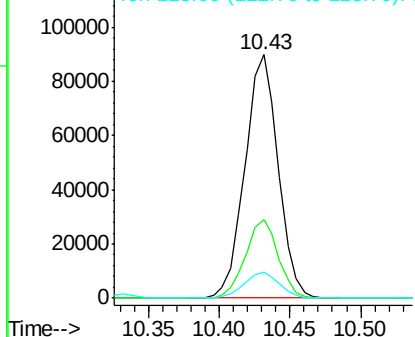


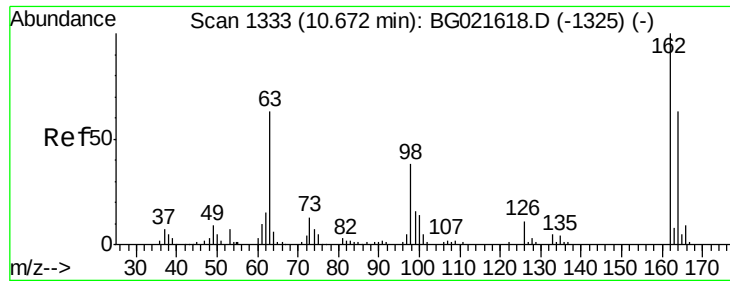
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.18 ng
 RT: 10.43 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion: 93 Resp: 147692
 Ion Ratio Lower Upper
 93 100
 95 32.1 30.1 45.1
 123 10.9 10.2 15.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

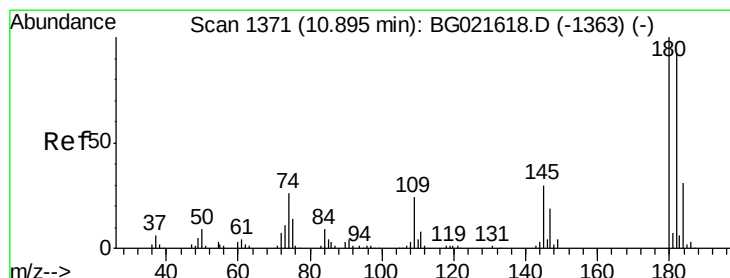
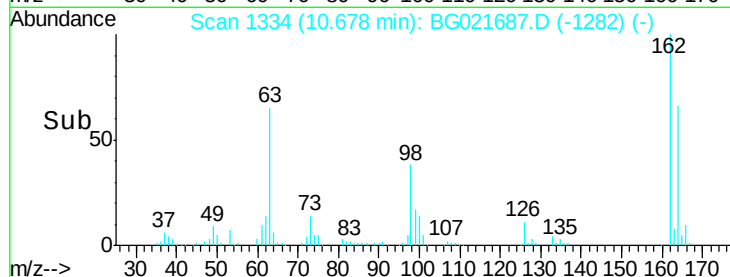
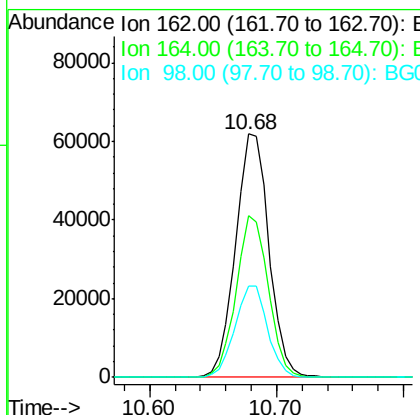
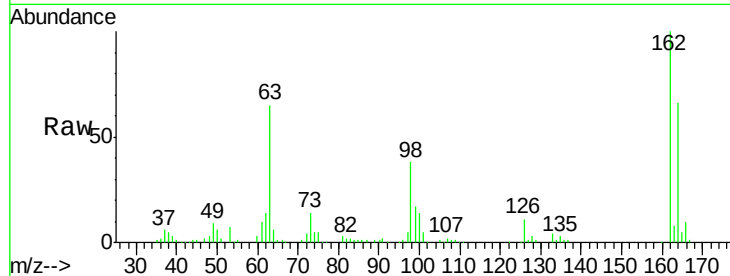




#29
 2,4-Dichlorophenol
 Concen: 43.92 ng
 RT: 10.68 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

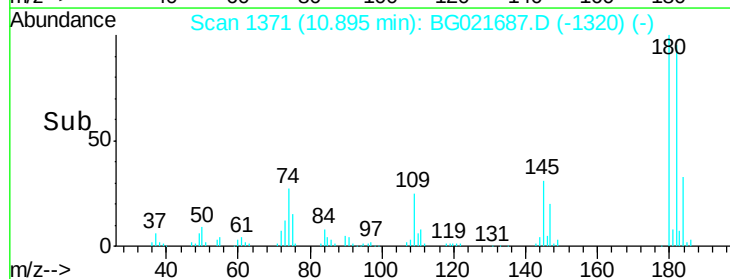
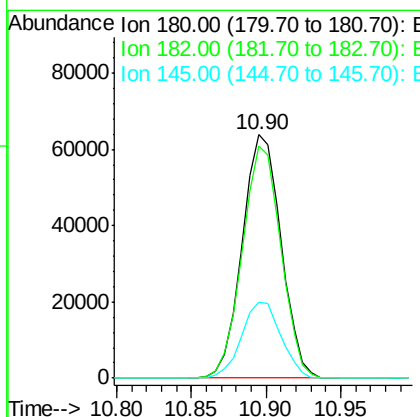
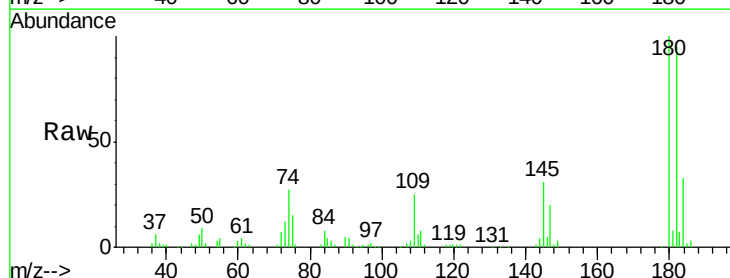
Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

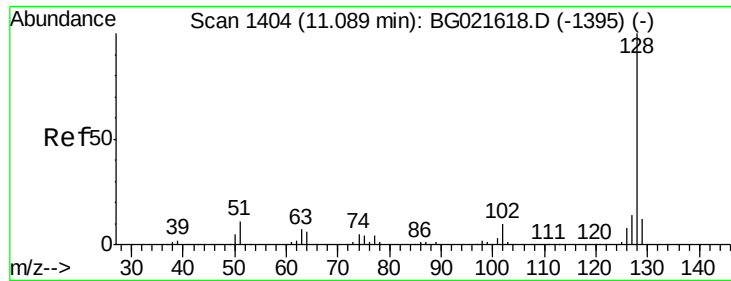
Tgt Ion:162 Resp: 112713
 Ion Ratio Lower Upper
 162 100
 164 66.4 44.9 84.9
 98 37.6 19.2 59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.64 ng
 RT: 10.90 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion:180 Resp: 114907
 Ion Ratio Lower Upper
 180 100
 182 95.5 82.3 123.5
 145 31.0 24.4 36.6

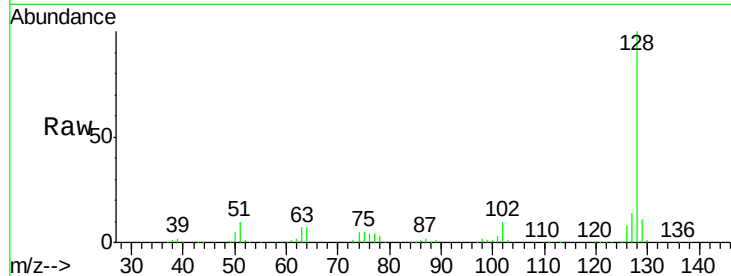




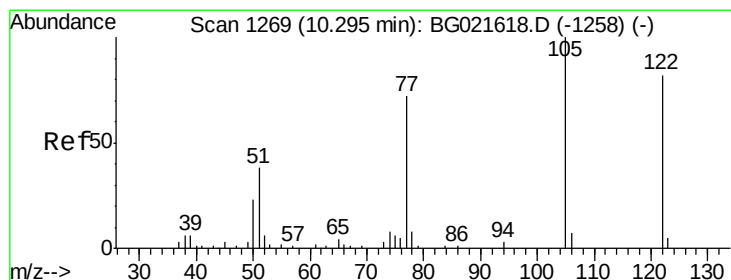
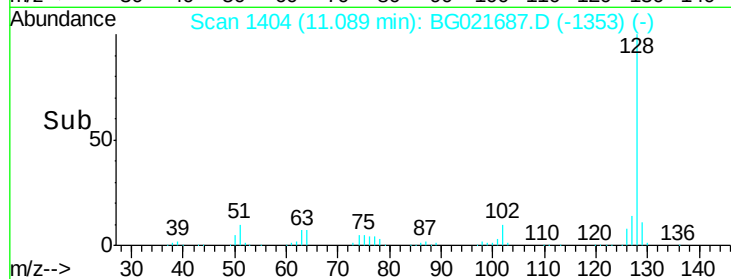
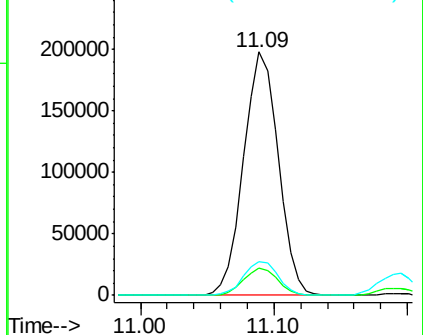
#31
Naphthalene
Concen: 39.81 ng
RT: 11.09 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampled :
PB89669BS

Tgt Ion:128 Resp: 354997
Ion Ratio Lower Upper
128 100
129 11.3 7.0 10.6#
127 13.8 10.1 15.1

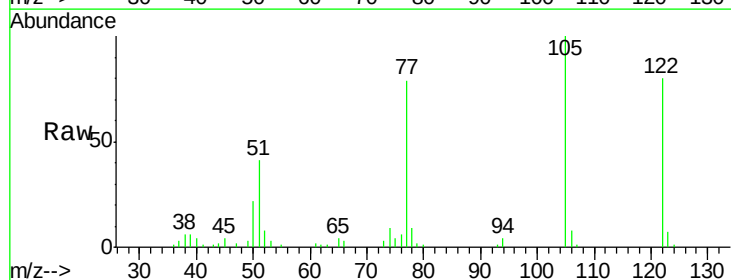


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

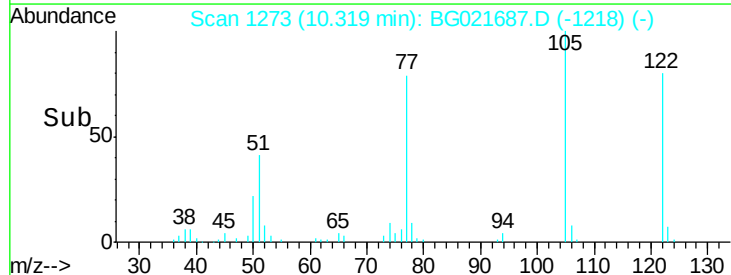
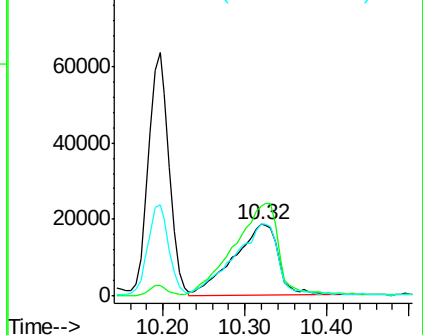


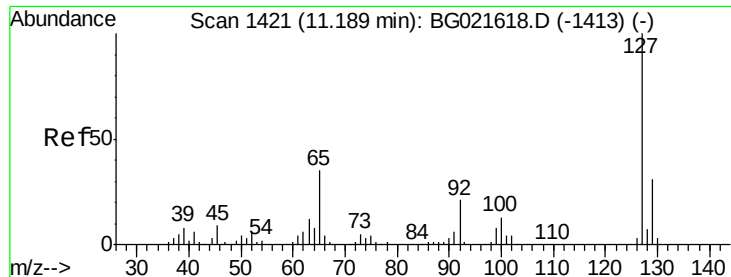
#32
Benzoic acid
Concen: 42.07 ng
RT: 10.32 min Scan# 1273
Delta R.T. 0.02 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion:122 Resp: 69355
Ion Ratio Lower Upper
122 100
105 125.4 104.5 144.5
77 99.5 79.9 119.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

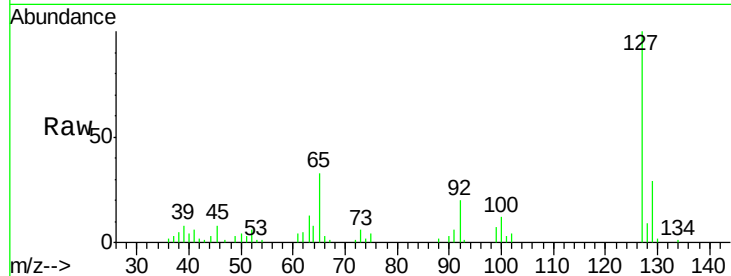




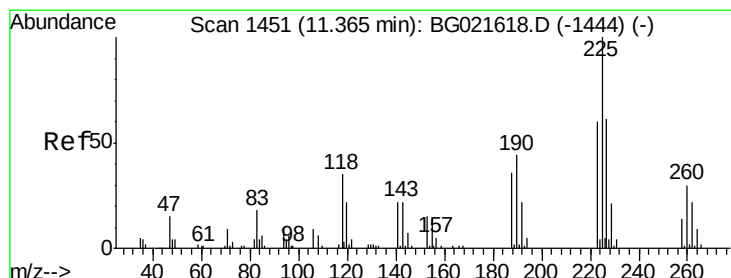
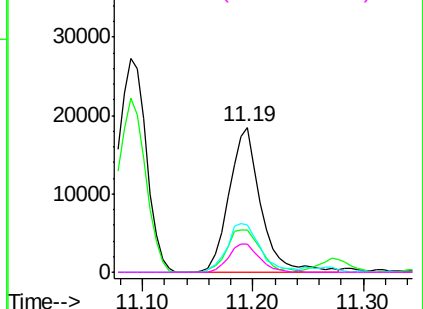
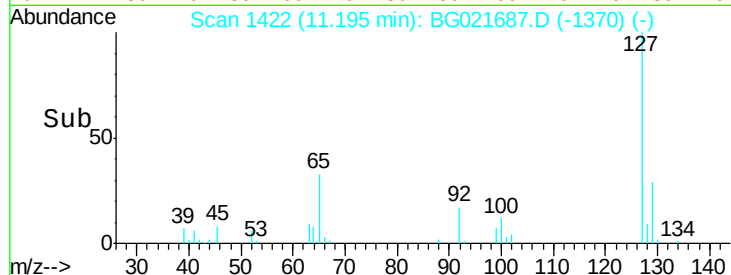
#33
4-Chloroaniline
Concen: 9.62 ng
RT: 11.19 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

Tgt Ion:	127	Resp:	37121
Ion	Ratio	Lower	Upper
127	100		
129	29.3	26.6	39.8
65	32.9	27.5	41.3
92	19.7	14.7	22.1

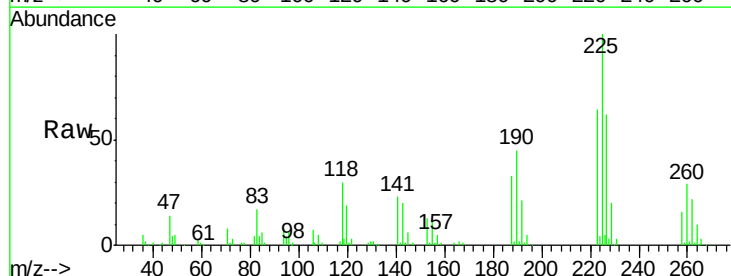


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

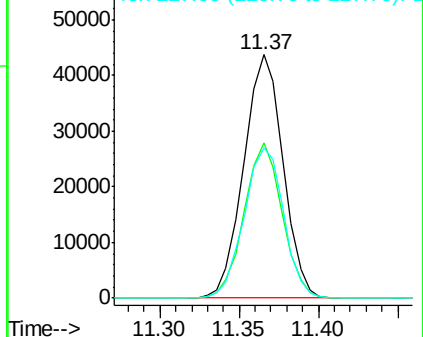
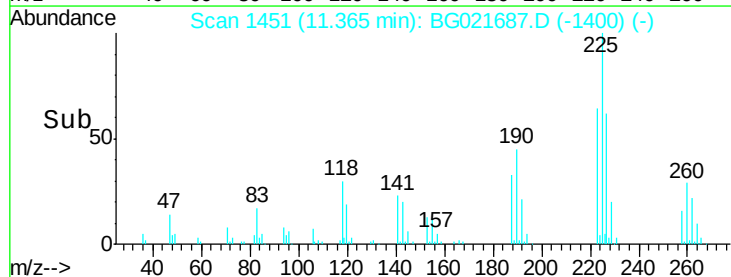


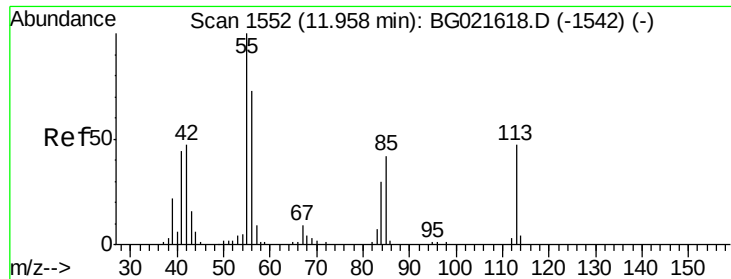
#34
Hexachlorobutadiene
Concen: 42.21 ng
RT: 11.37 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion:	225	Resp:	75136
Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.7	79.1
227	61.6	49.7	74.5



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

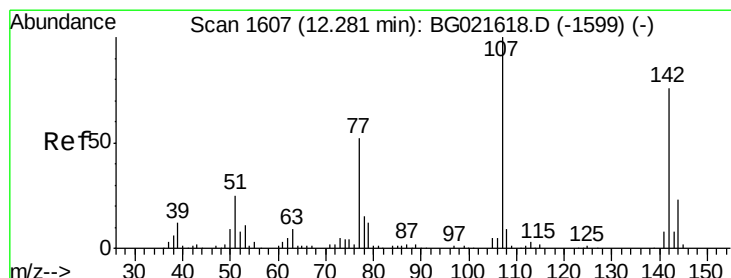
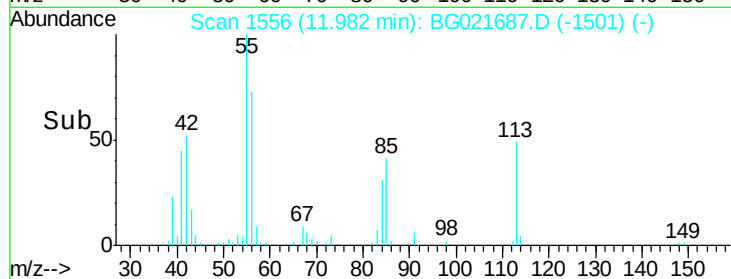
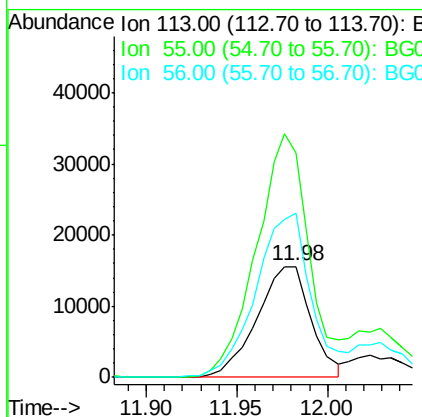
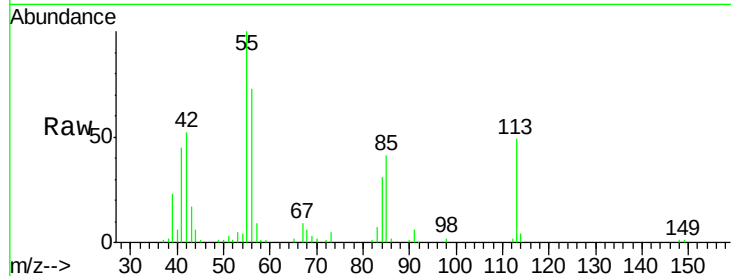




#35
 Caprolactam
 Concen: 27.49 ng
 RT: 11.98 min Scan# 1556
 Delta R.T. 0.02 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

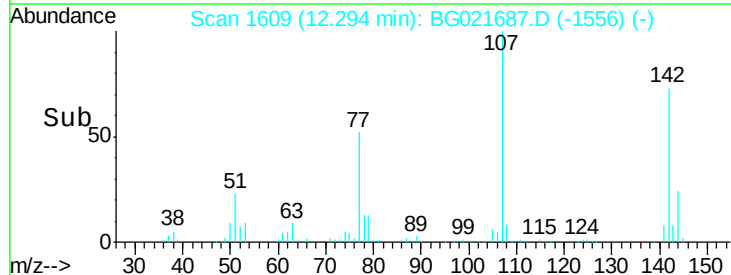
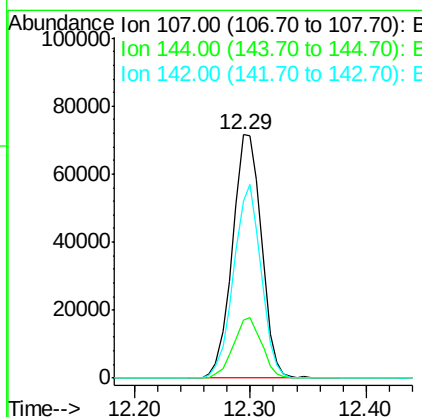
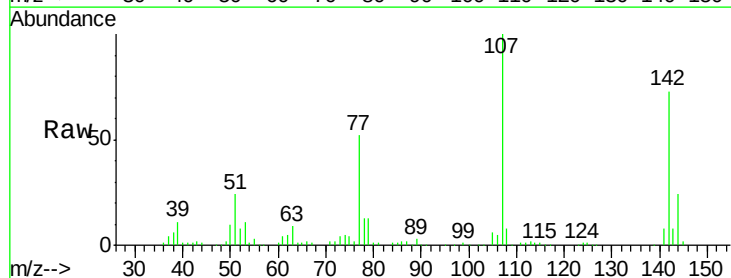
Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

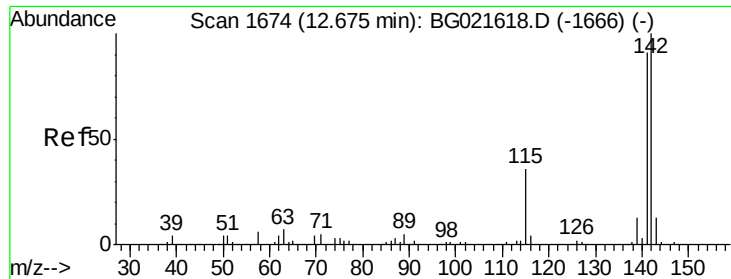
Tgt Ion:113 Resp: 32286
 Ion Ratio Lower Upper
 113 100
 55 203.3 194.2 234.2
 56 148.0 122.6 162.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.58 ng
 RT: 12.29 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion:107 Resp: 124498
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.2 28.8
 142 72.7 59.1 88.7

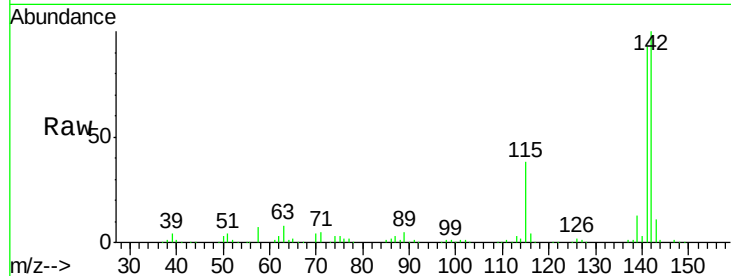




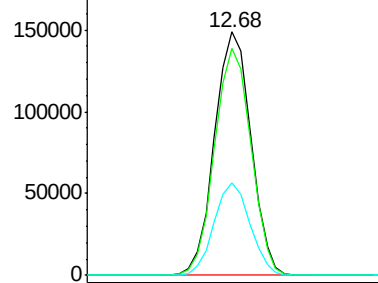
#37
 2-Methylnaphthalene
 Concen: 41.05 ng
 RT: 12.68 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

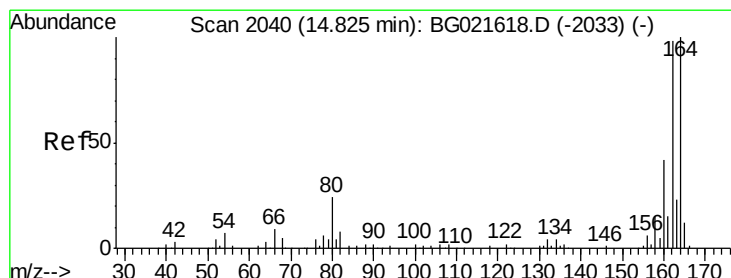
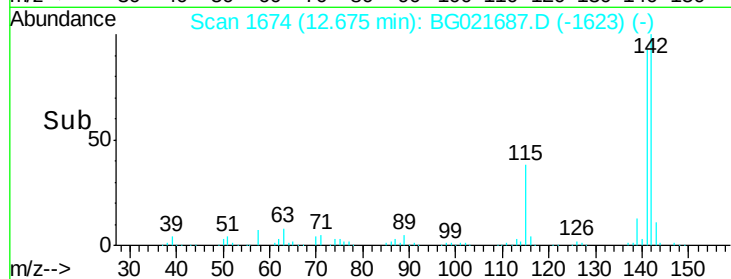
Tgt Ion:142 Resp: 251272
 Ion Ratio Lower Upper
 142 100
 141 93.3 71.4 107.0
 115 38.2 27.4 41.2



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

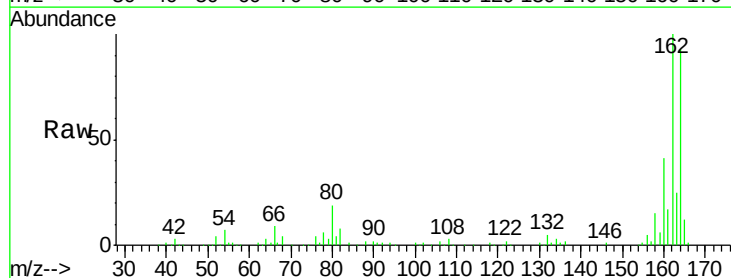


Time--> 12.60 12.65 12.70 12.75

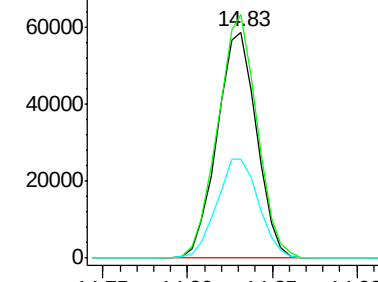


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

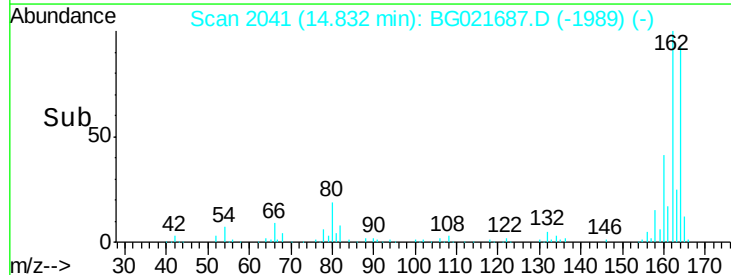
Tgt Ion:164 Resp: 95814
 Ion Ratio Lower Upper
 164 100
 162 107.8 78.0 117.0
 160 43.8 32.9 49.3

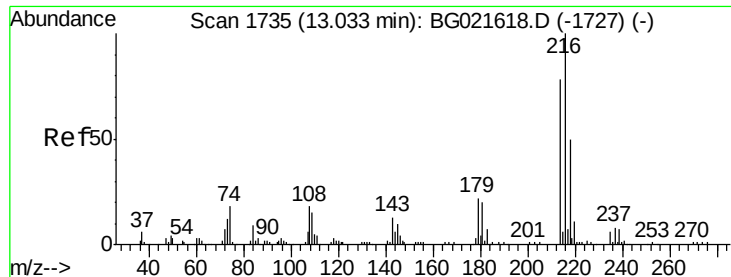


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



Time--> 14.75 14.80 14.85 14.90





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.94 ng

RT: 13.03 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

Tgt Ion:216 Resp: 128593

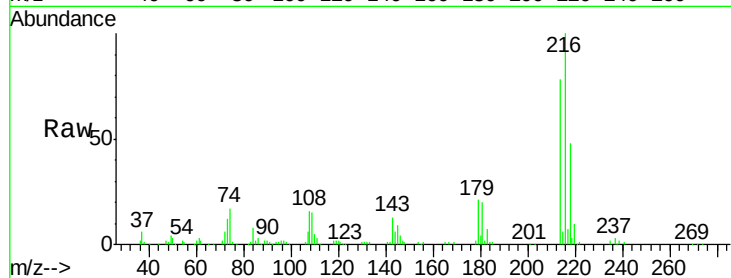
Ion Ratio Lower Upper

216 100

214 80.0 62.2 93.2

179 21.3 16.7 25.1

108 17.8 14.0 21.0

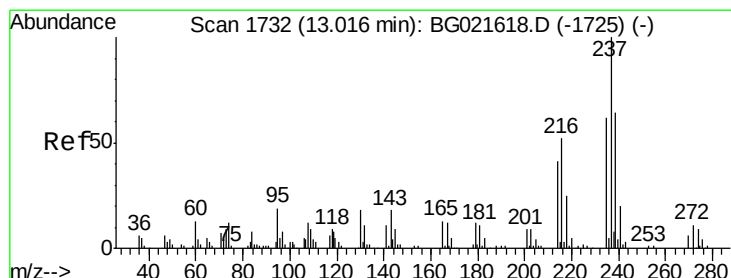
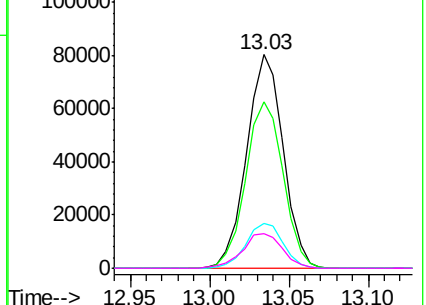
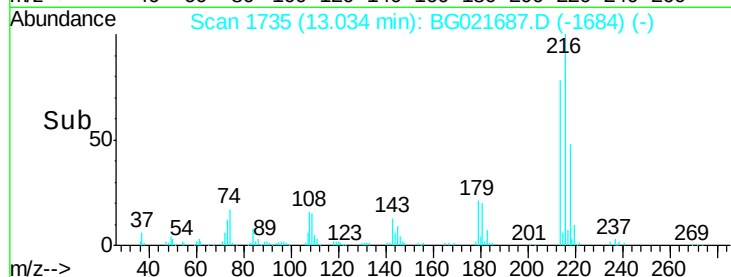


Abundance Ion 216.00 (215.70 to 216.70): E

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: 23.74 ng

RT: 13.01 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

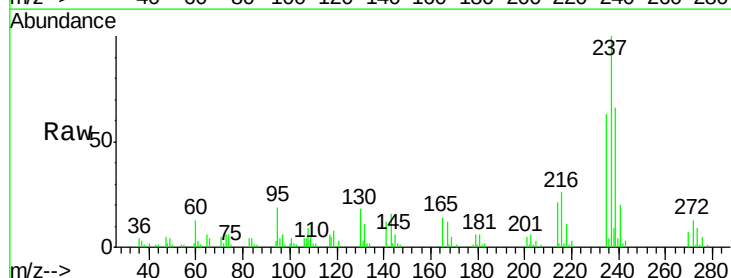
Tgt Ion:237 Resp: 39493

Ion Ratio Lower Upper

237 100

235 63.1 43.2 83.2

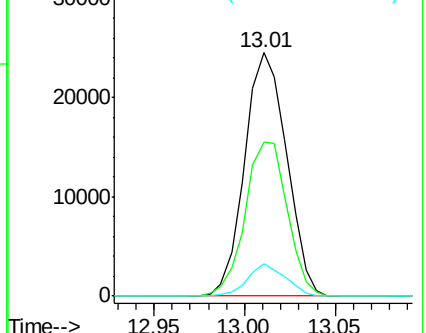
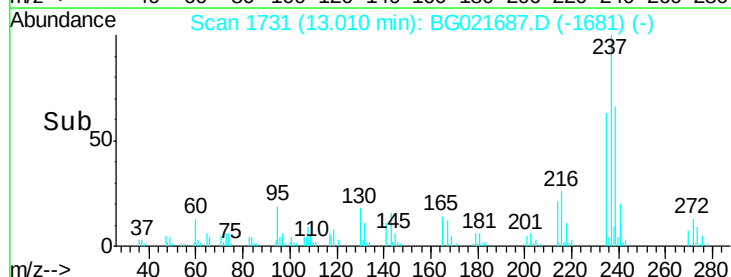
272 13.2 0.0 33.4

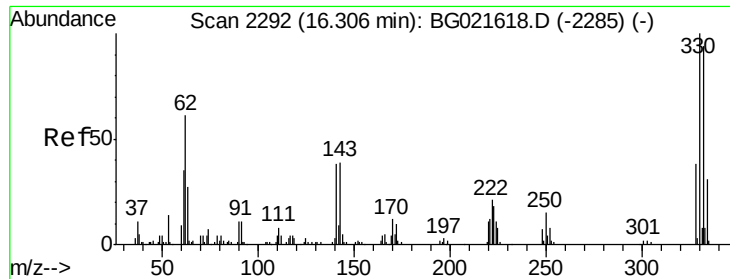


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

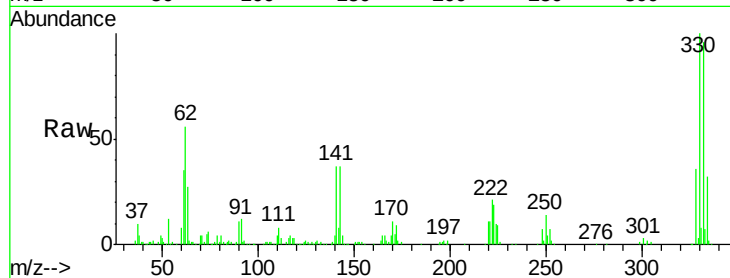




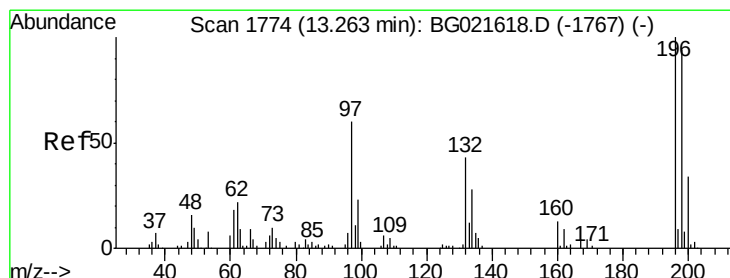
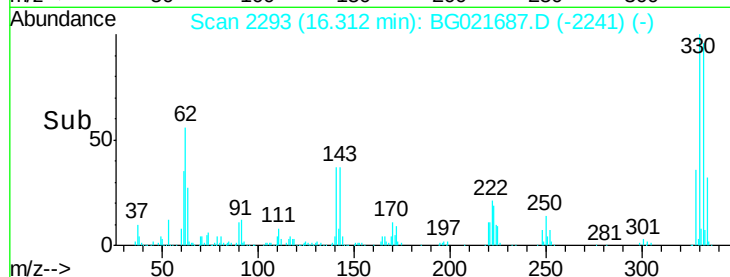
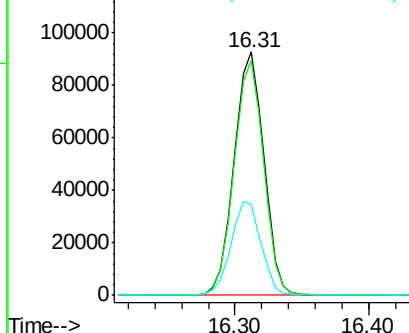
#41
 2,4,6-Tribromophenol
 Concen: 138.82 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

Tgt Ion:330 Resp: 143348
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.0 117.0
 141 39.3 33.8 50.8

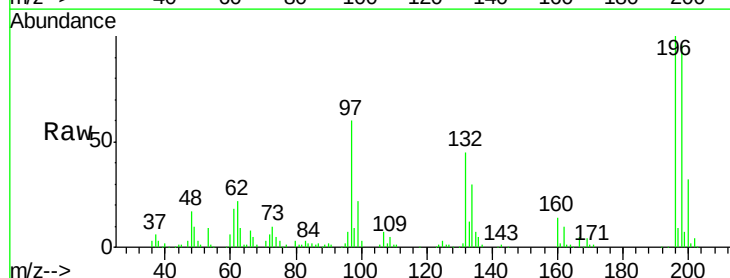


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

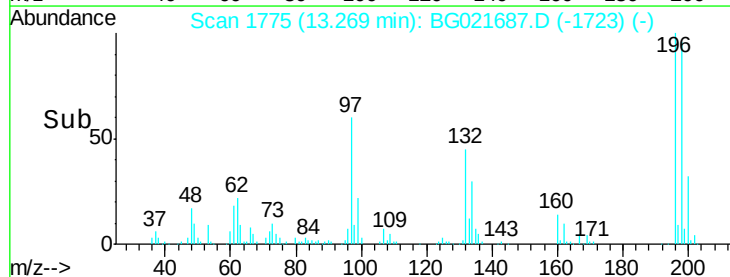
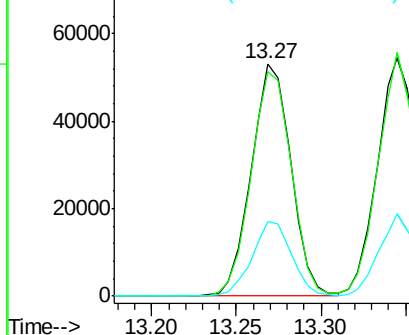


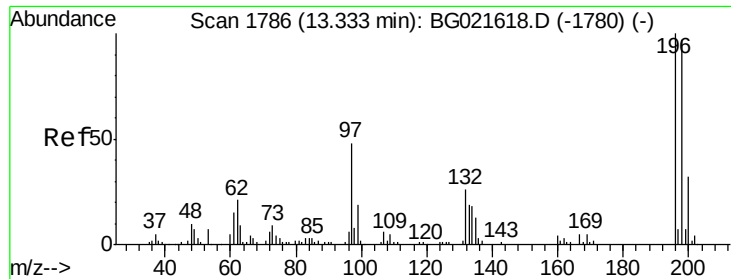
#42
 2,4,6-Trichlorophenol
 Concen: 45.52 ng
 RT: 13.27 min Scan# 1775
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion:196 Resp: 86910
 Ion Ratio Lower Upper
 196 100
 198 96.5 80.1 120.1
 200 32.0 24.1 36.1



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

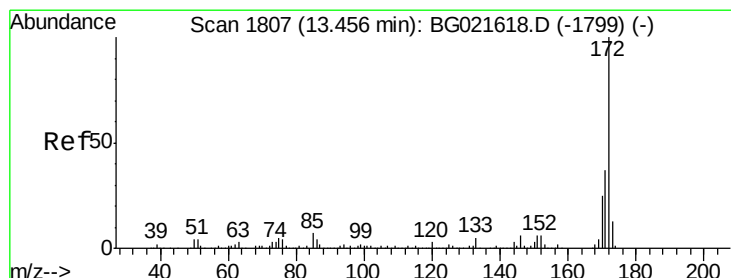
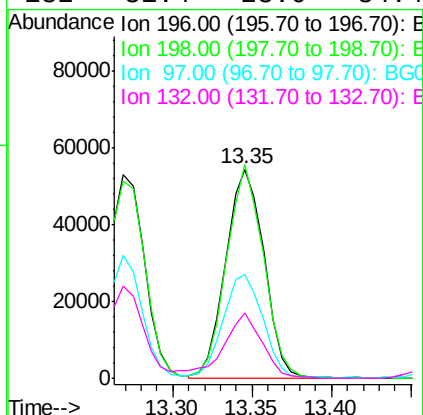
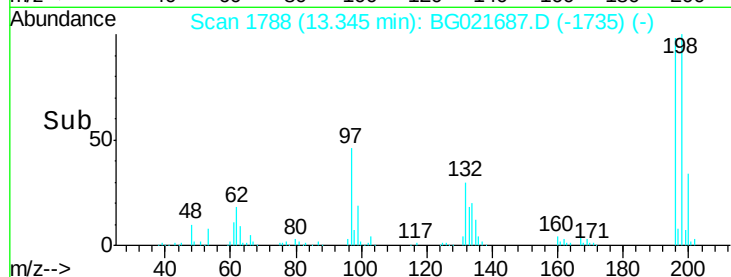
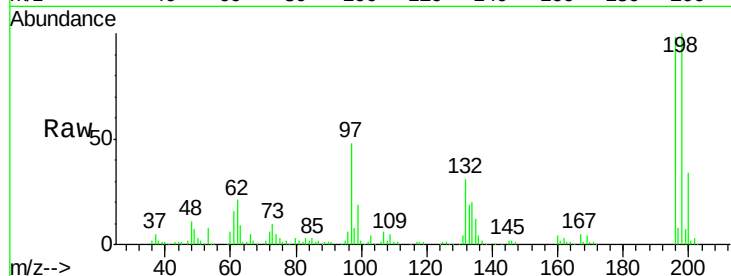




#43
 2,4,5-Trichlorophenol
 Concen: 44.36 ng
 RT: 13.35 min Scan# 1786
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

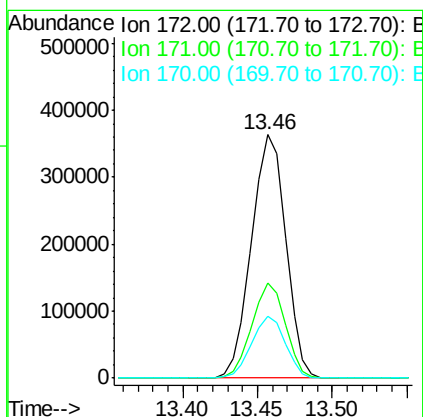
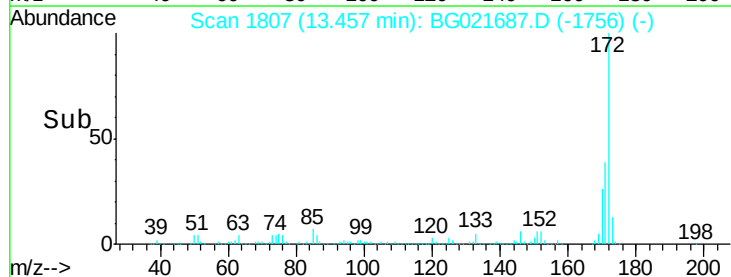
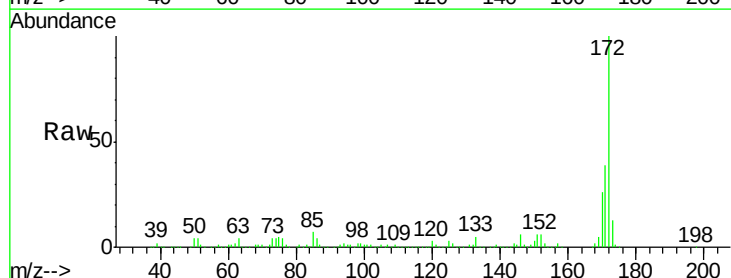
Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

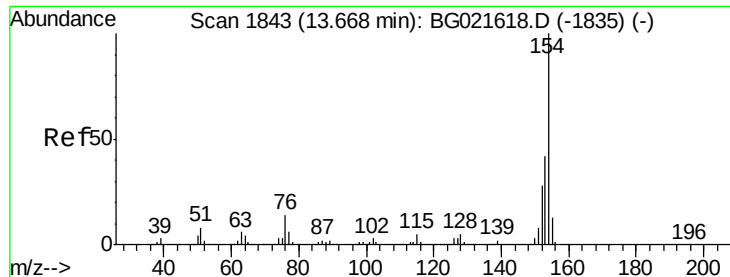
Tgt Ion	Resp	Lower	Upper
196	100		
198	102.2	78.0	117.0
97	49.5	43.0	64.6
132	31.4	23.0	34.4



#44
 2-Fluorobiphenyl
 Concen: 88.22 ng
 RT: 13.46 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion	Resp	Lower	Upper
172	100		
171	38.9	27.8	41.6
170	25.7	19.6	29.4

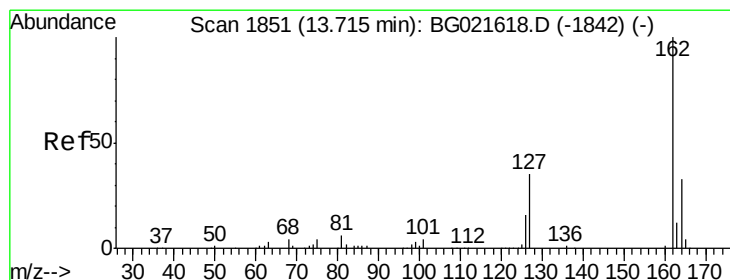
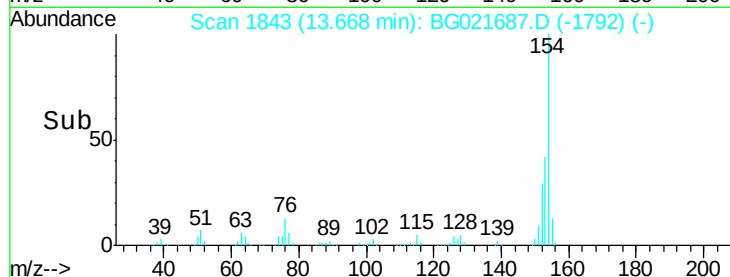
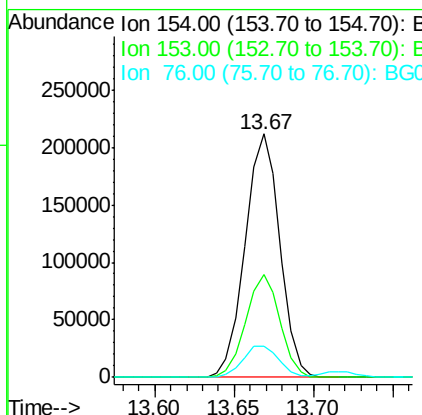
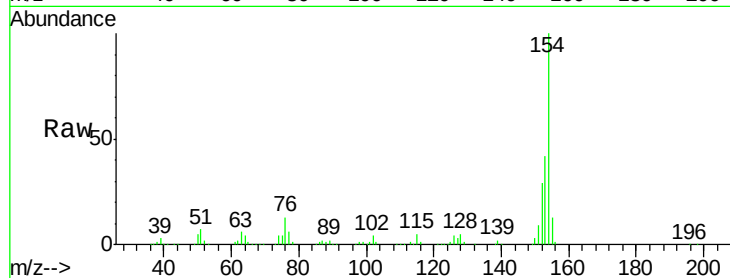




#45
 1,1'-Biphenyl
 Concen: 39.85 ng
 RT: 13.67 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

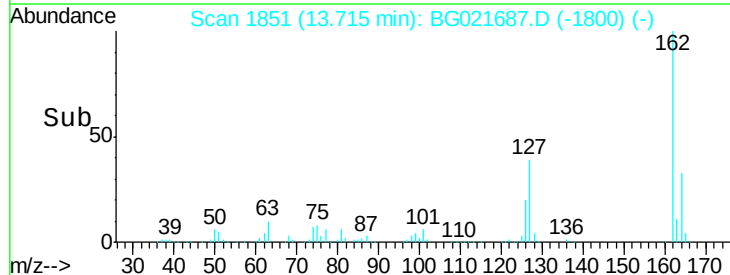
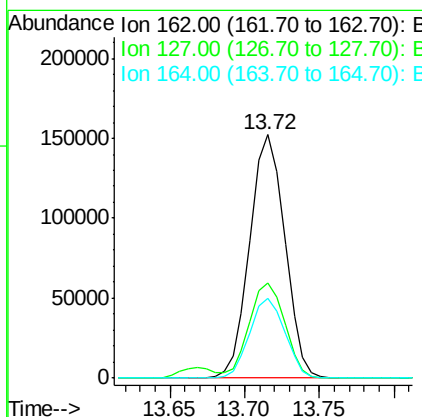
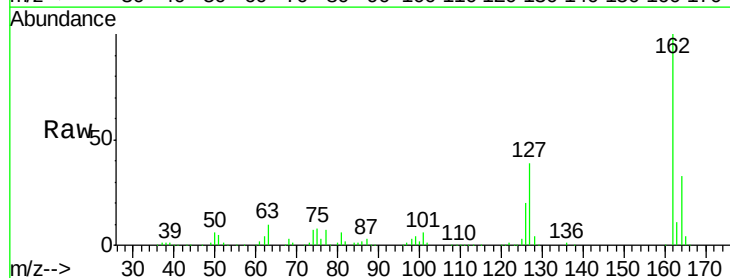
Instrument :
 BNA_G
 ClientSampled :
 PB89669BS

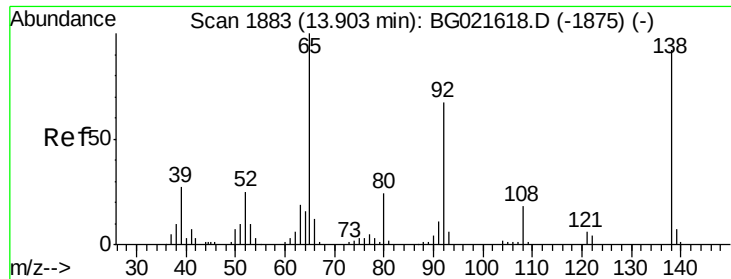
Tgt Ion:154 Resp: 321682
 Ion Ratio Lower Upper
 154 100
 153 42.2 19.7 59.7
 76 12.9 0.0 33.0



#46
 2-Chloronaphthalene
 Concen: 41.49 ng
 RT: 13.72 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion:162 Resp: 247642
 Ion Ratio Lower Upper
 162 100
 127 39.1 32.0 48.0
 164 32.6 27.0 40.4

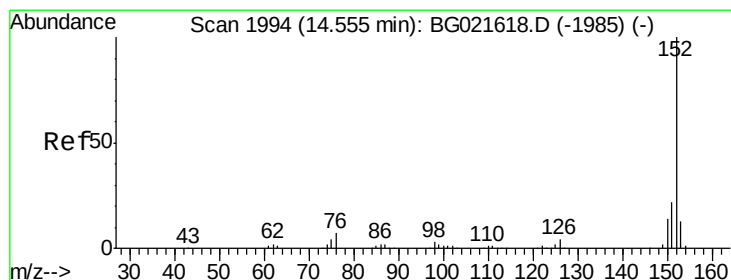
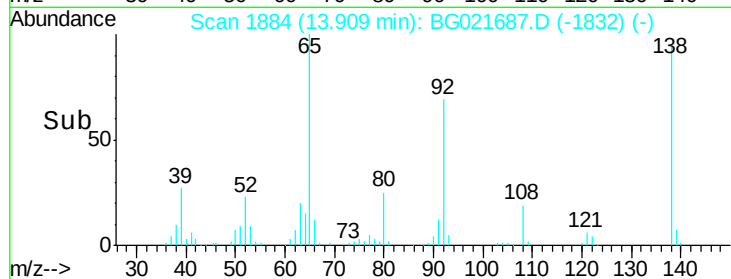
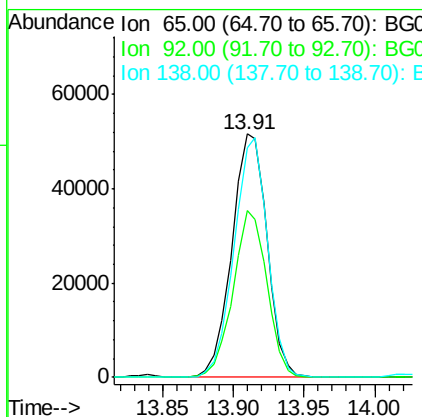
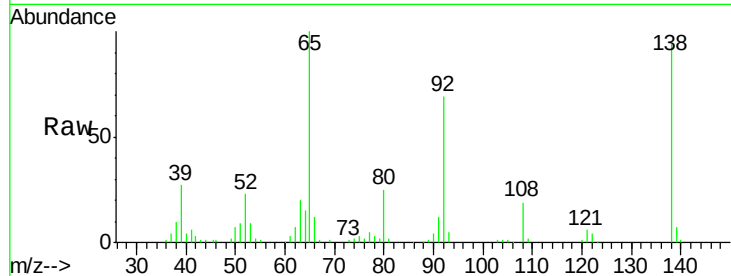




#47
2-Nitroaniline
Concen: 43.78 ng
RT: 13.91 min Scan# 1884
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

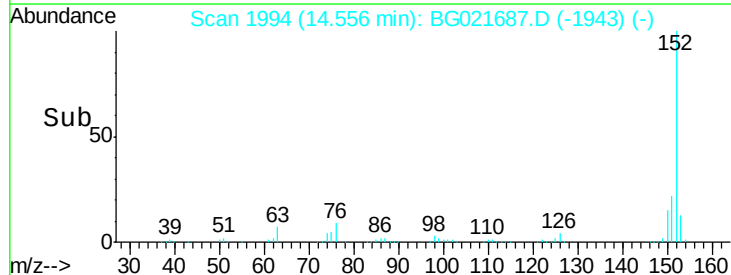
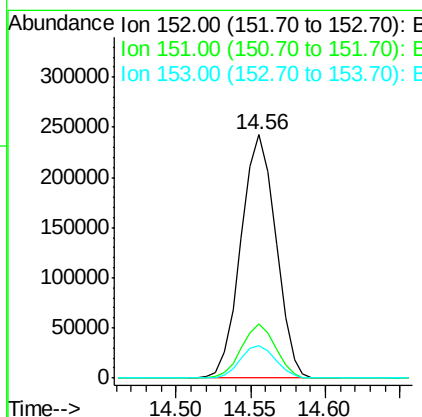
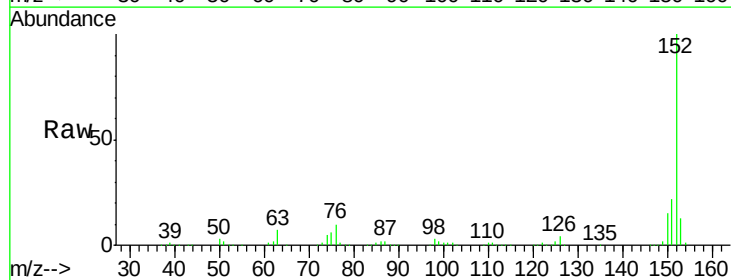
Instrument :
BNA_G
ClientSampleId :
PB89669BS

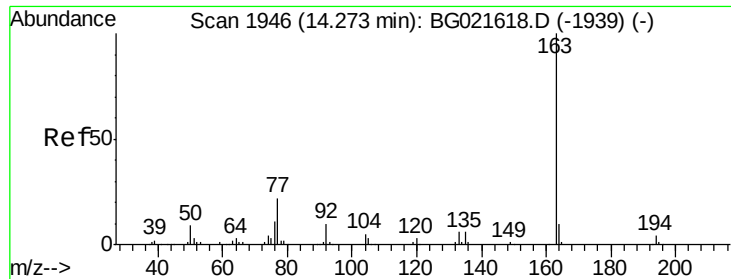
Tgt Ion: 65 Resp: 89593
Ion Ratio Lower Upper
65 100
92 68.6 49.2 73.8
138 94.5 75.0 112.6



#48
Acenaphthylene
Concen: 39.94 ng
RT: 14.56 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion: 152 Resp: 394114
Ion Ratio Lower Upper
152 100
151 22.4 16.6 24.8
153 13.5 10.2 15.2





#49

Dimethylphthalate

Concen: 36.94 ng

RT: 14.27 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

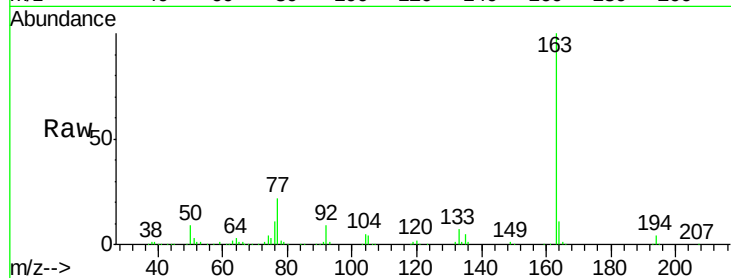
Tgt Ion:163 Resp: 305993

Ion Ratio Lower Upper

163 100

194 4.5 3.0 4.6

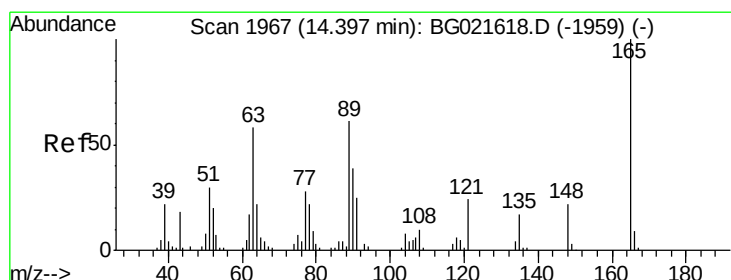
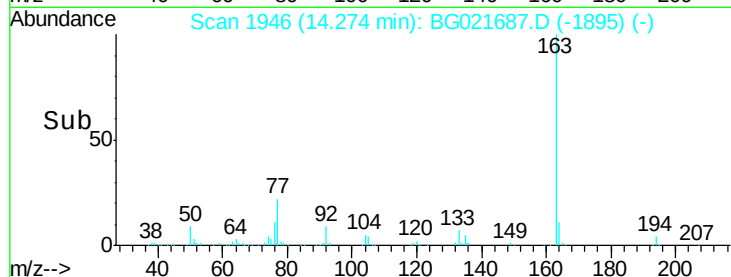
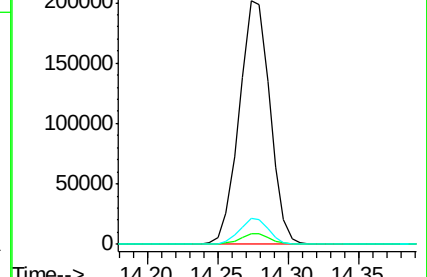
164 10.8 8.1 12.1



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: 41.23 ng

RT: 14.40 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

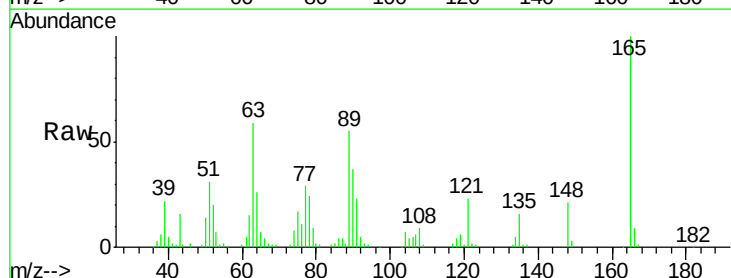
Tgt Ion:165 Resp: 65134

Ion Ratio Lower Upper

165 100

63 59.2 48.2 72.4

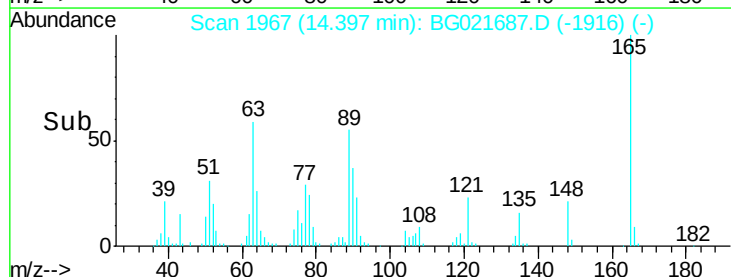
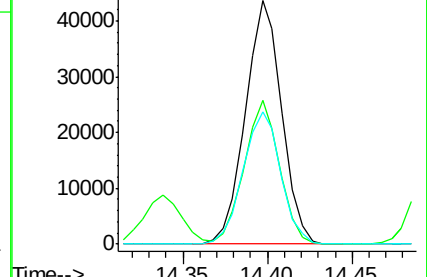
89 54.6 45.3 67.9

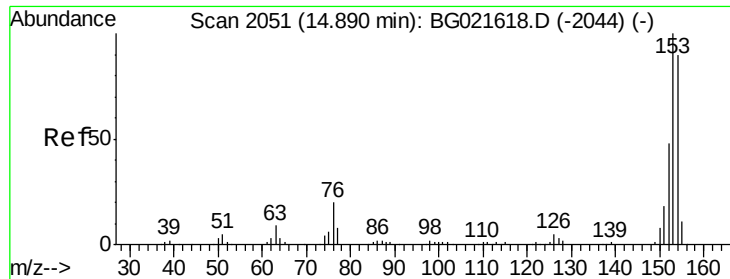


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.27 ng

RT: 14.89 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

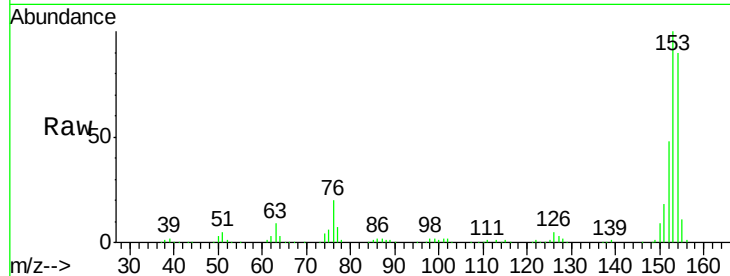
Tgt Ion:154 Resp: 241442

Ion Ratio Lower Upper

154 100

153 111.5 91.9 137.9

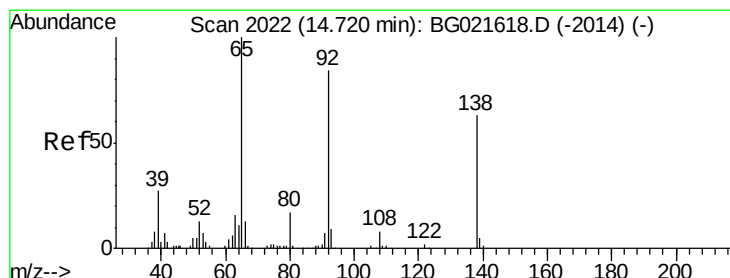
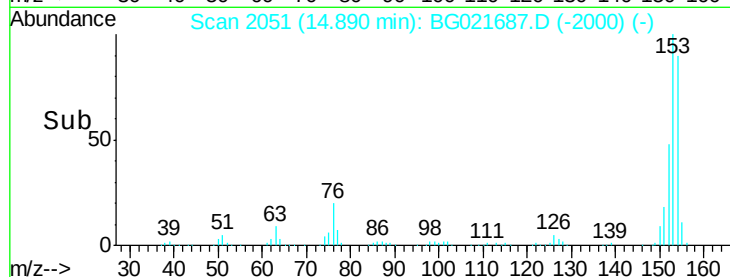
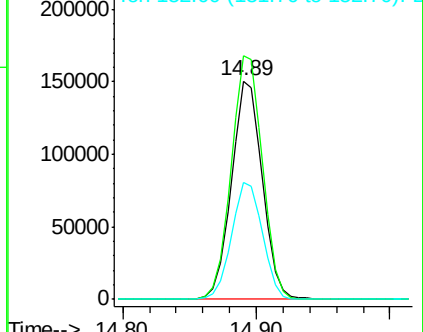
152 53.6 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.45 ng

RT: 14.73 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

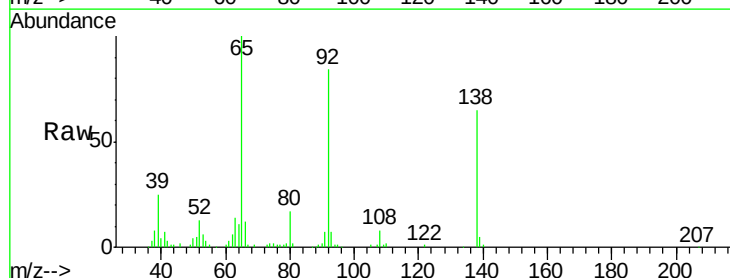
Tgt Ion:138 Resp: 48095

Ion Ratio Lower Upper

138 100

108 11.9 9.1 13.7

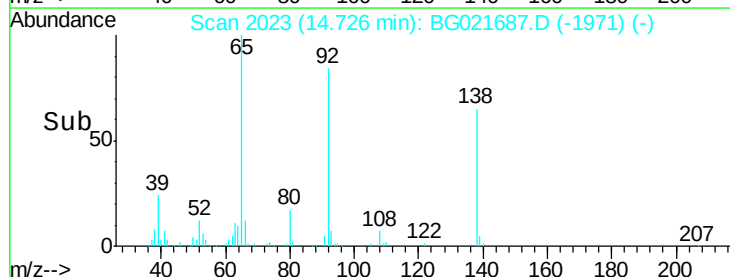
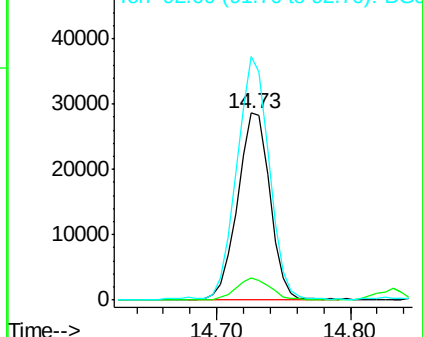
92 130.2 102.6 154.0

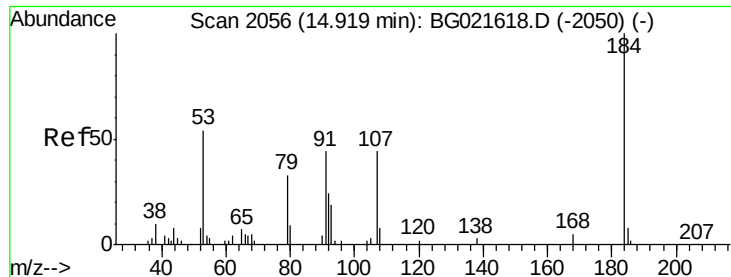


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

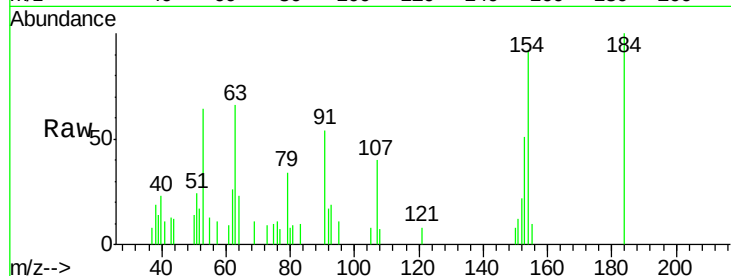




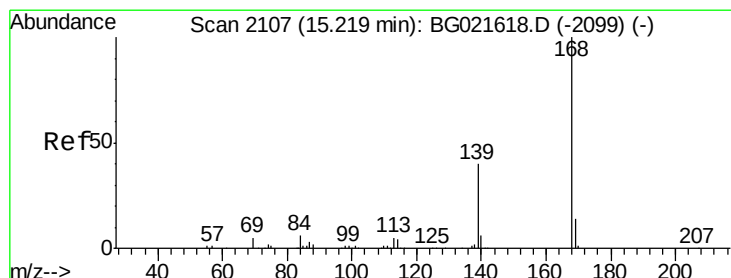
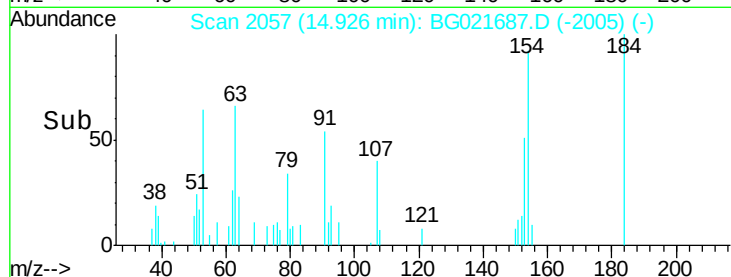
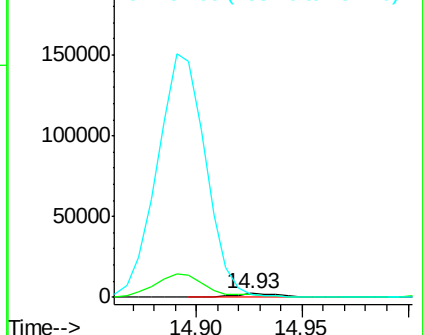
#53
 2,4-Dinitrophenol
 Concen: 12.79 ng
 RT: 14.93 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

Tgt Ion:184 Resp: 3572
 Ion Ratio Lower Upper
 184 100
 63 65.8 57.3 85.9
 154 92.3 55.2 82.8#

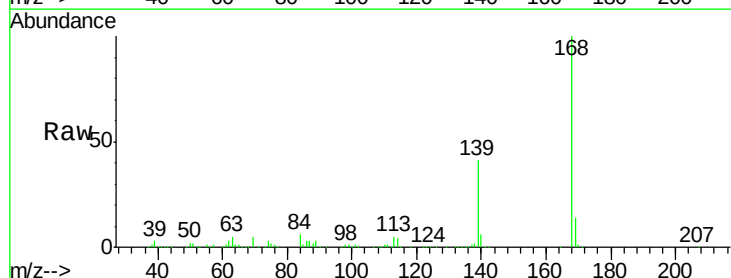


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

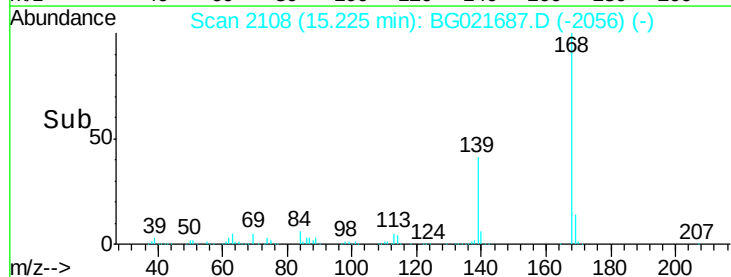
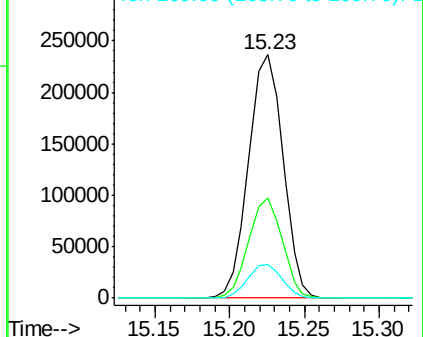


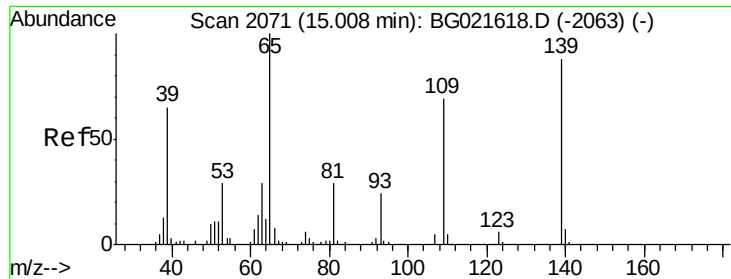
#54
 Dibenzofuran
 Concen: 43.97 ng
 RT: 15.23 min Scan# 2108
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion:168 Resp: 378717
 Ion Ratio Lower Upper
 168 100
 139 41.1 31.1 46.7
 169 13.8 11.0 16.6



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

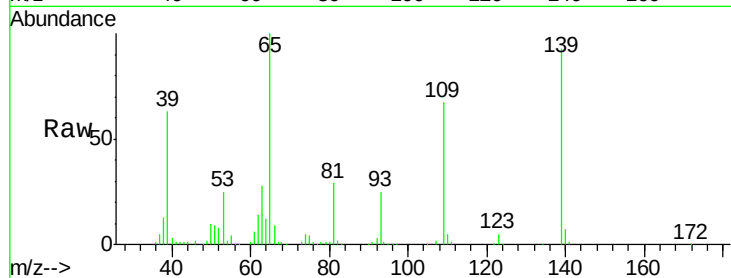




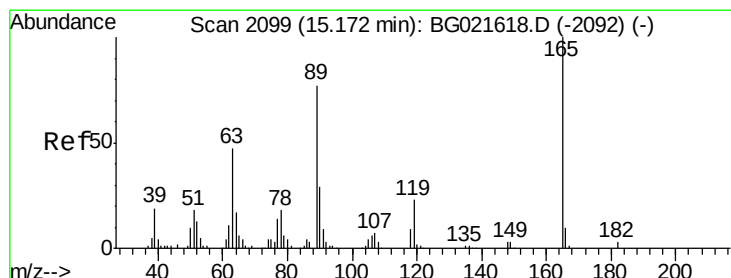
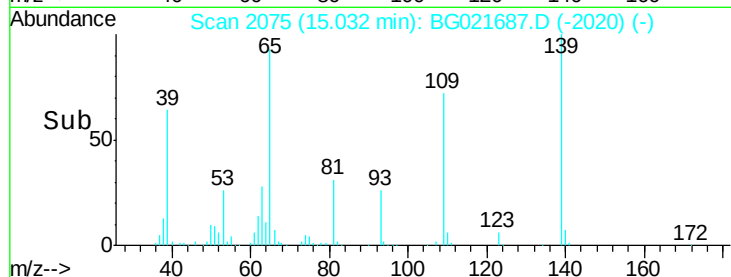
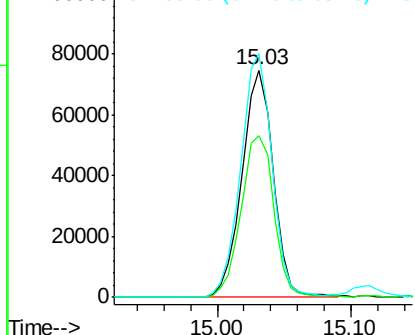
#55
4-Nitrophenol
Concen: 80.55 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.02 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

Tgt Ion:139 Resp: 120828
Ion Ratio Lower Upper
139 100
109 71.2 49.2 89.2
65 107.1 83.2 123.2

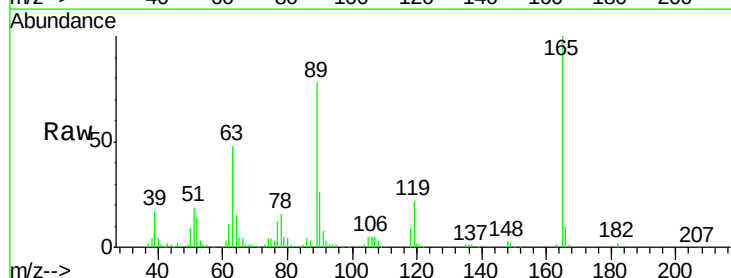


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

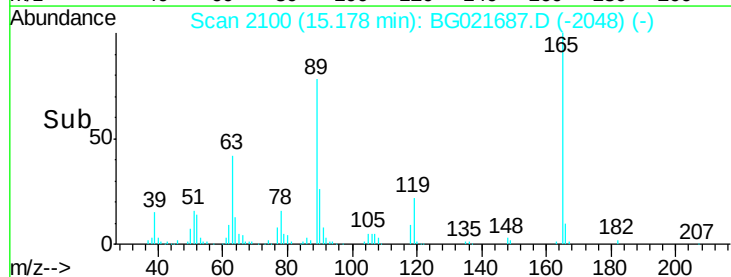
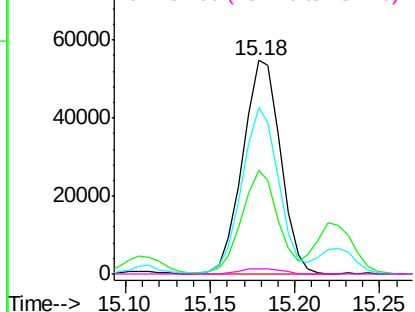


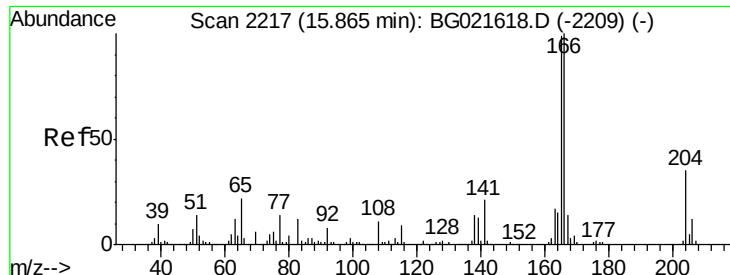
#56
2,4-Dinitrotoluene
Concen: 40.03 ng
RT: 15.18 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion:165 Resp: 85466
Ion Ratio Lower Upper
165 100
63 48.4 37.4 56.0
89 77.9 59.4 89.0
182 2.3 2.1 3.1



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: 39.51 ng

RT: 15.87 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampled :

PB89669BS

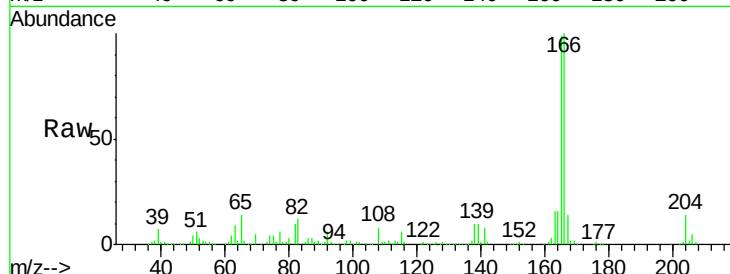
Tgt Ion:166 Resp: 303917

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.4

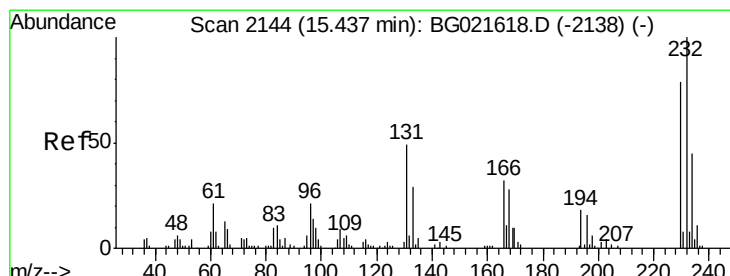
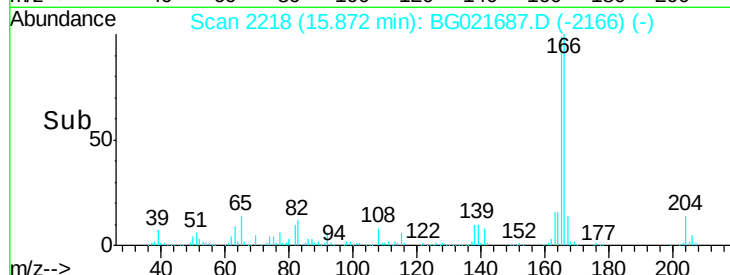
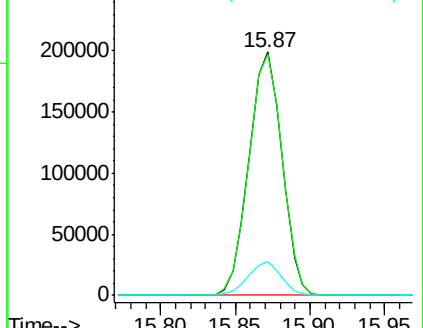
167 13.7 10.7 16.1



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: 48.19 ng

RT: 15.44 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Tgt Ion:232 Resp: 82383

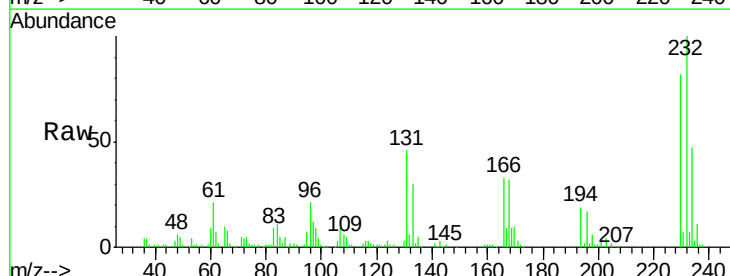
Ion Ratio Lower Upper

232 100

131 45.7 36.3 54.5

130 2.5 1.9 2.9

166 31.6 25.0 37.4

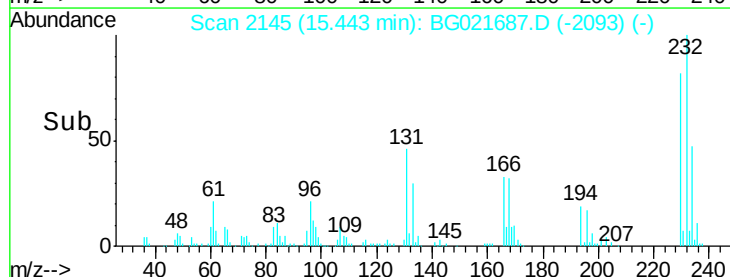
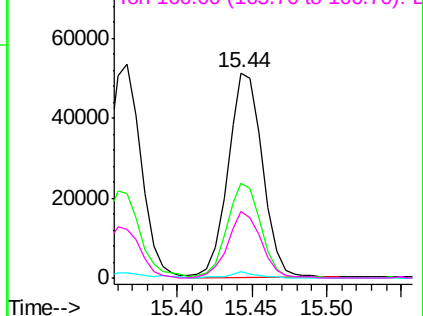


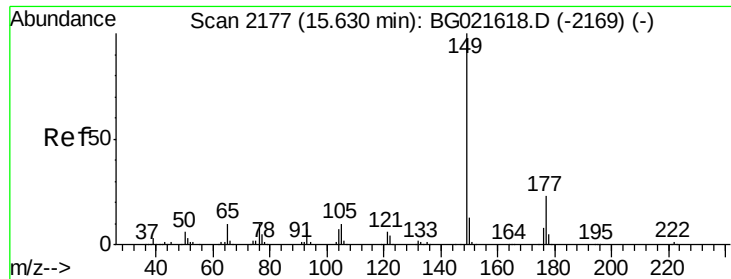
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

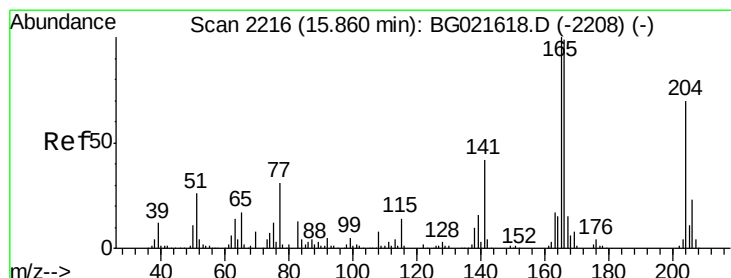
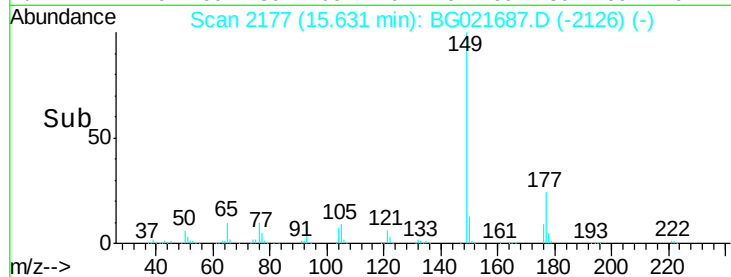
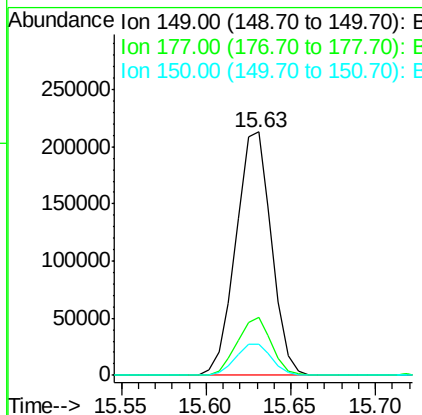
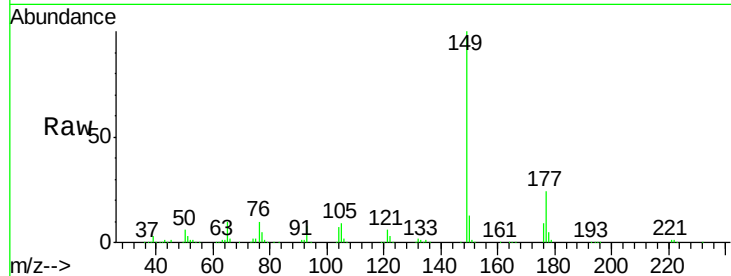




#59
Diethylphthalate
Concen: 35.95 ng
RT: 15.63 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

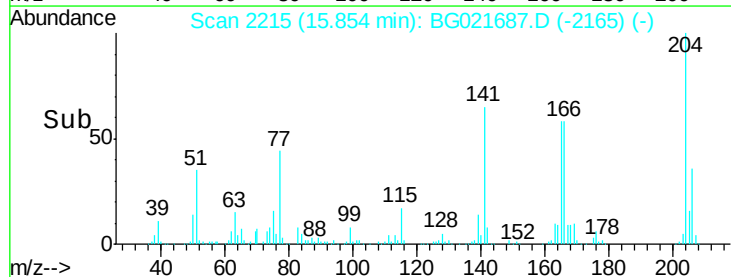
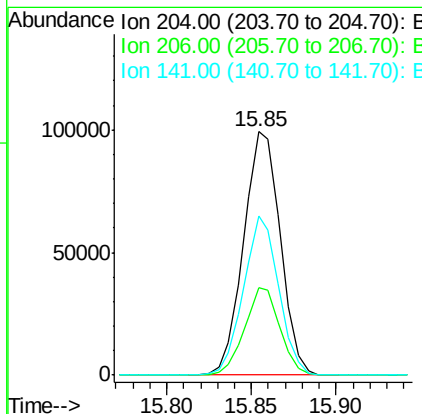
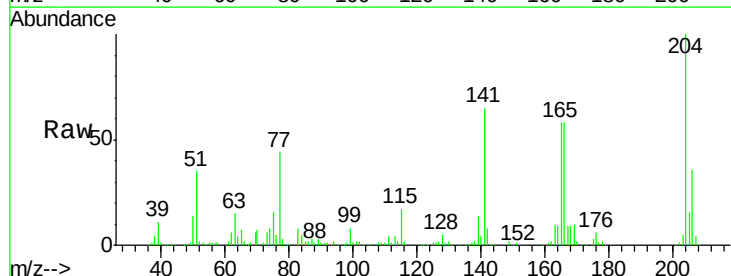
Instrument :
BNA_G
ClientSampled :
PB89669BS

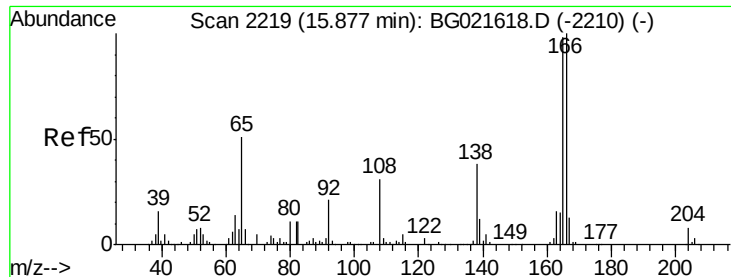
Tgt Ion:149 Resp: 310897
Ion Ratio Lower Upper
149 100
177 24.0 17.3 25.9
150 12.9 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 39.57 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion:204 Resp: 149925
Ion Ratio Lower Upper
204 100
206 35.9 27.8 41.8
141 65.2 51.0 76.4

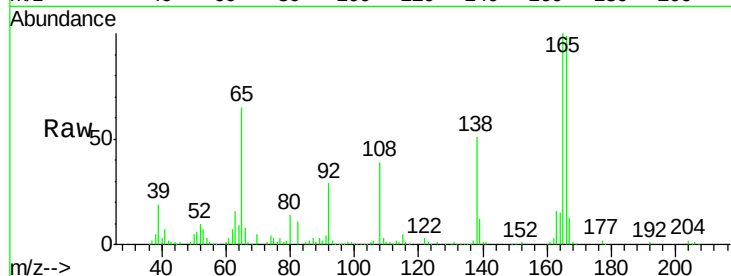




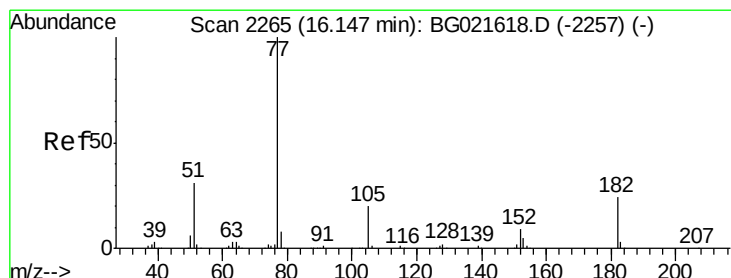
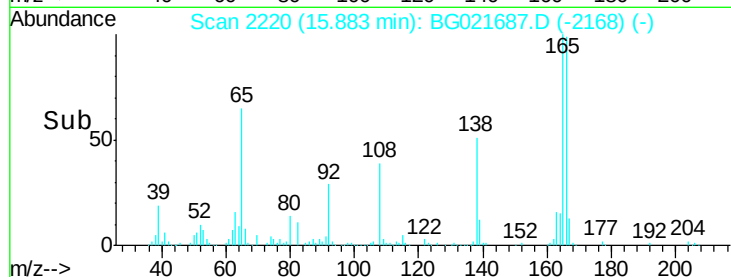
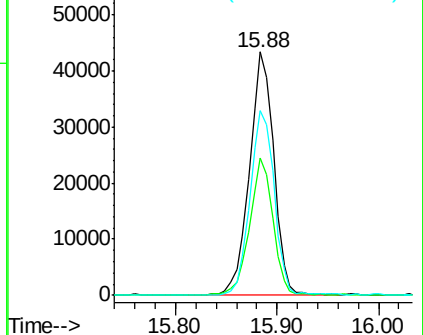
#61
4-Nitroaniline
Concen: 37.70 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

Tgt Ion:138 Resp: 72668
Ion Ratio Lower Upper
138 100
92 56.2 37.7 77.7
108 76.0 59.4 99.4

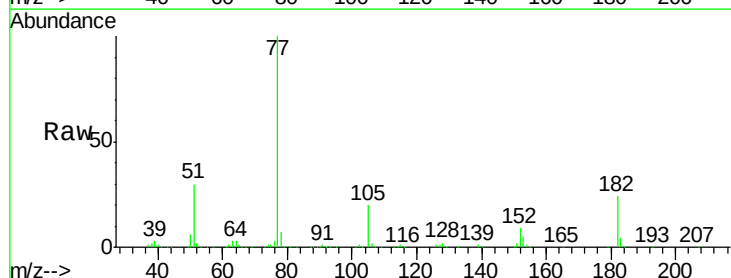


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

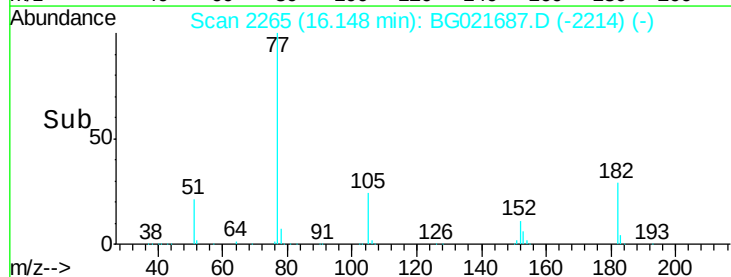
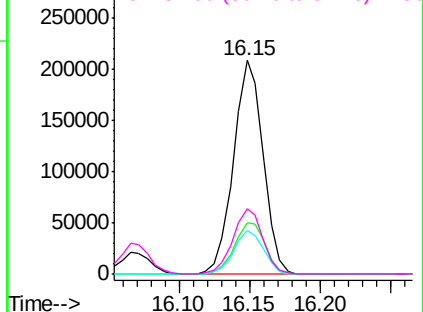


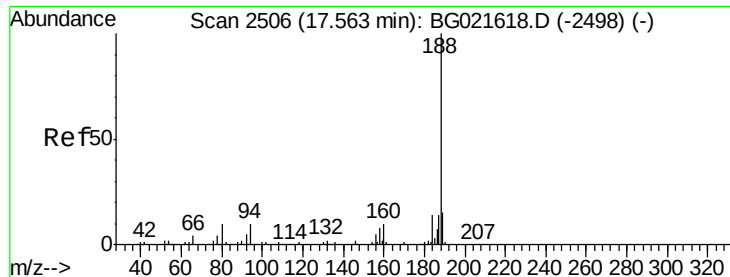
#62
Azobenzene
Concen: 41.01 ng
RT: 16.15 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion: 77 Resp: 303865
Ion Ratio Lower Upper
77 100
182 24.2 4.1 44.1
105 20.3 0.0 39.8
51 30.4 11.1 51.1



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

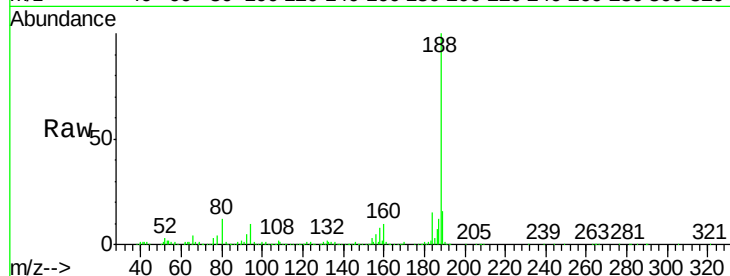
Tgt Ion:188 Resp: 207000

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

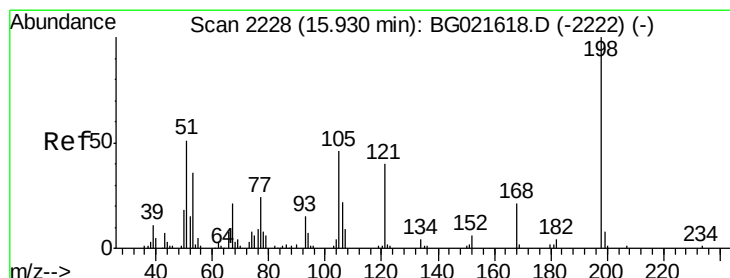
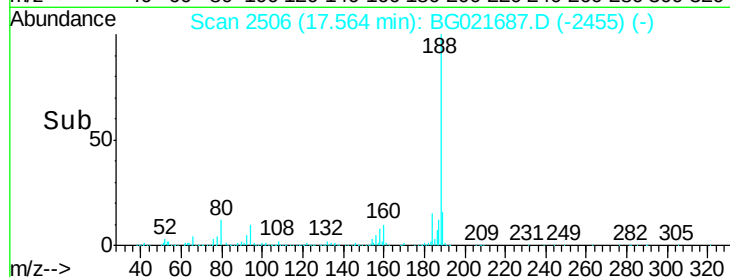
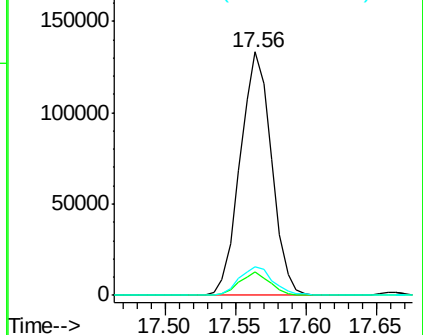
80 11.8 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 8.54 ng

RT: 15.94 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

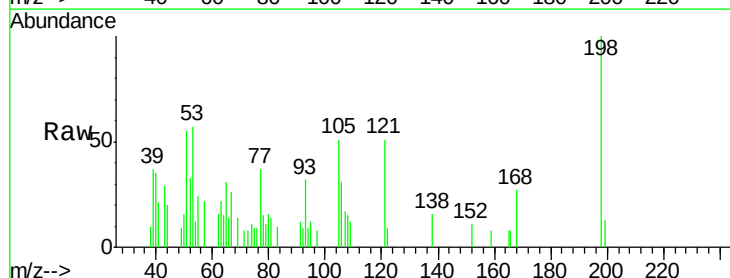
Tgt Ion:198 Resp: 3050

Ion Ratio Lower Upper

198 100

51 55.1 29.2 69.2

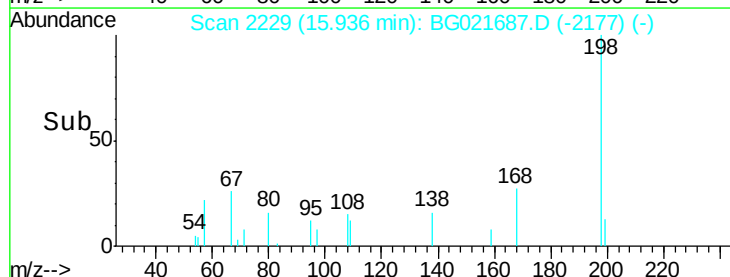
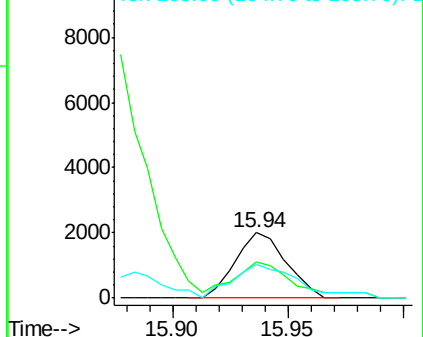
105 51.3 24.0 64.0

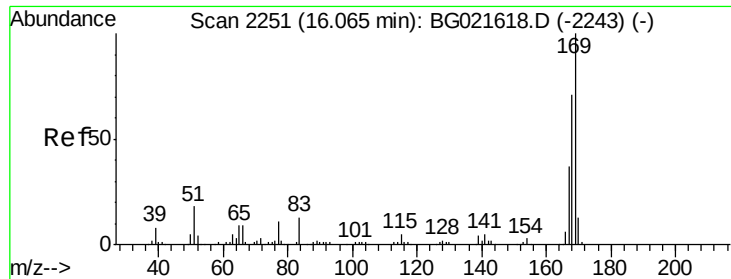


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

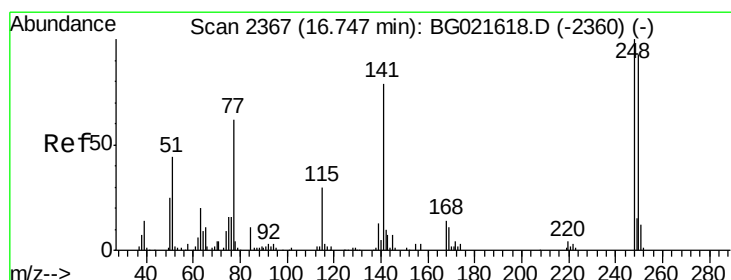
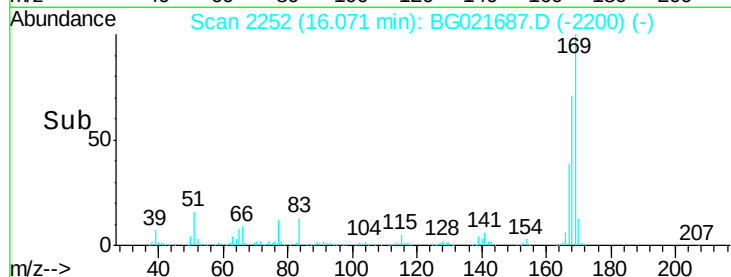
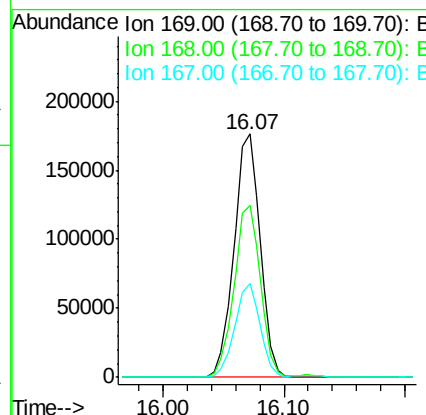
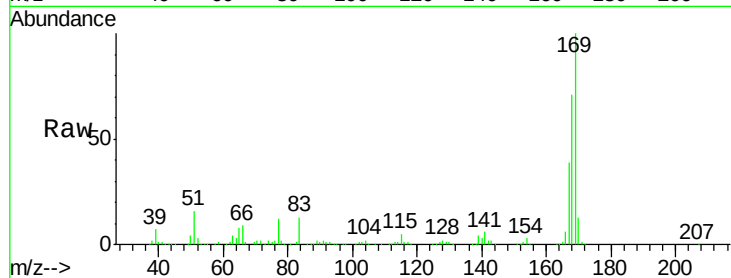




#65
 n-Nitrosodiphenylamine
 Concen: 42.69 ng
 RT: 16.07 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

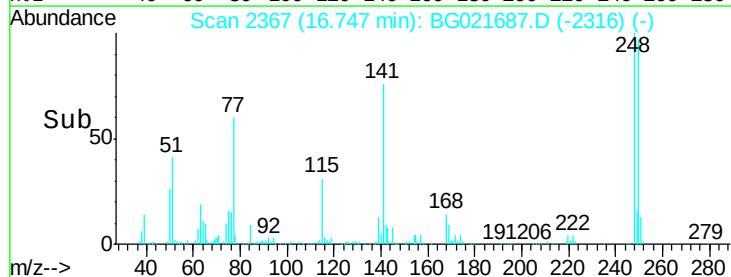
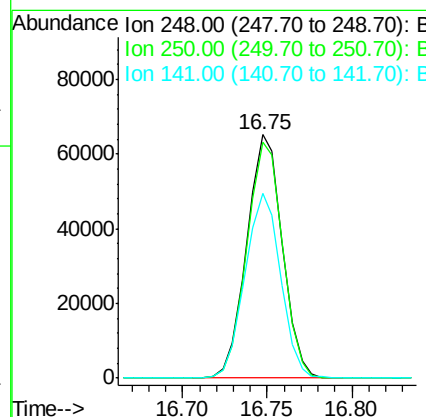
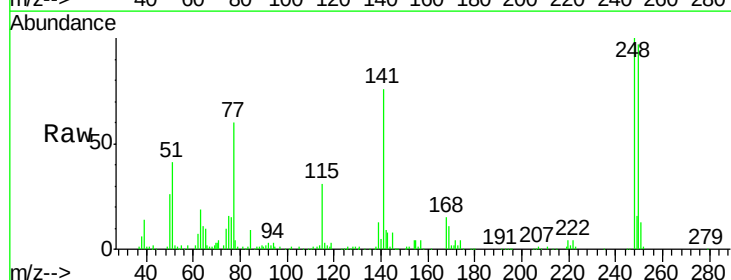
Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

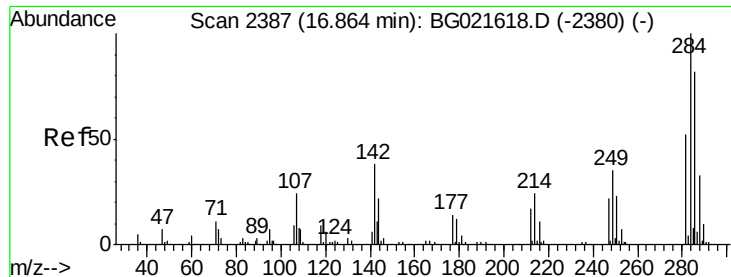
Tgt Ion:169 Resp: 265059
 Ion Ratio Lower Upper
 169 100
 168 70.7 59.6 89.4
 167 38.6 31.2 46.8



#66
 4-Bromophenyl-phenylether
 Concen: 43.03 ng
 RT: 16.75 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion:248 Resp: 95431
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.6 114.8
 141 75.9 63.8 95.6





#67

Hexachlorobenzene

Concen: 43.04 ng

RT: 16.87 min Scan# 2388

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

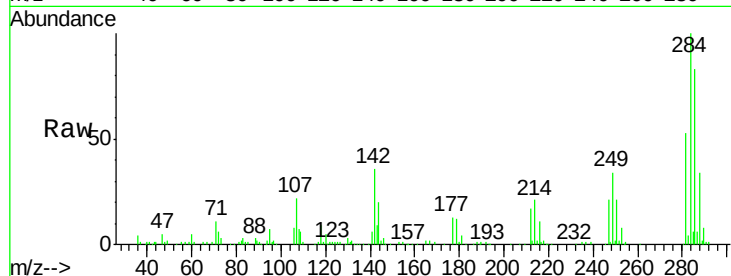
Tgt Ion:284 Resp: 100762

Ion Ratio Lower Upper

284 100

142 35.6 31.8 47.6

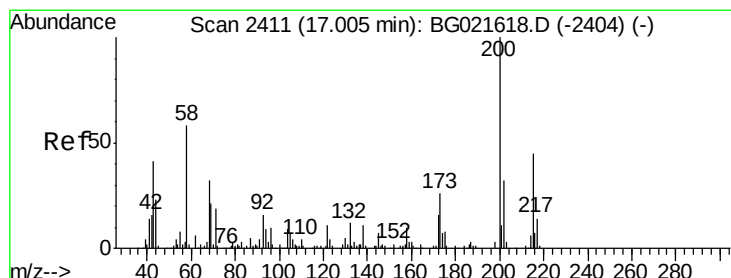
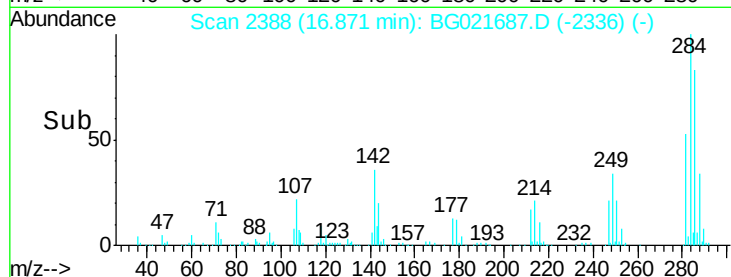
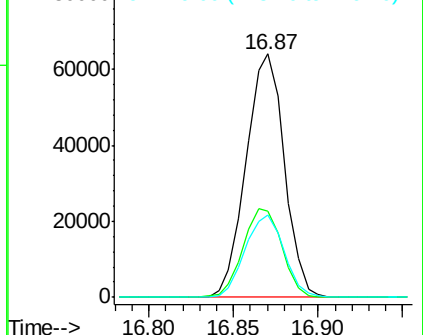
249 33.8 27.3 40.9



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: 41.09 ng

RT: 17.01 min Scan# 2412

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

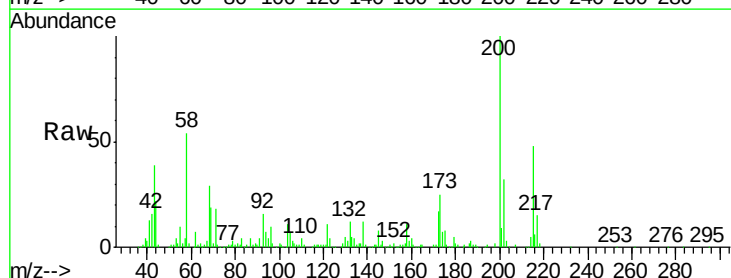
Tgt Ion:200 Resp: 100731

Ion Ratio Lower Upper

200 100

173 24.9 5.1 45.1

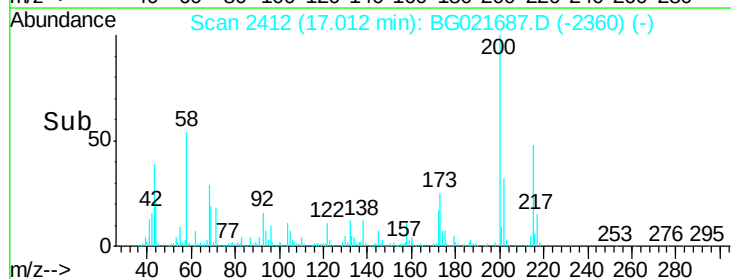
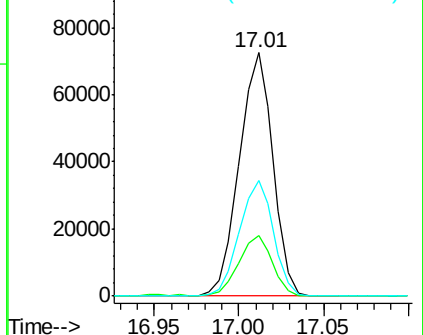
215 47.5 28.0 68.0

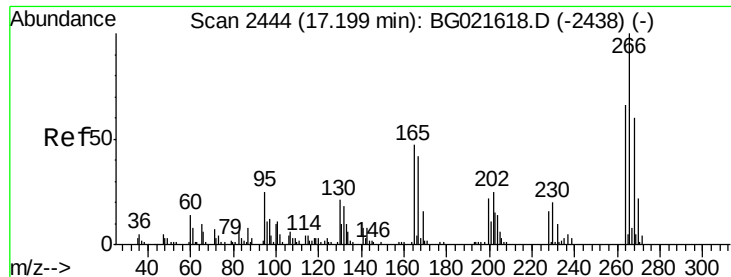


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 95.40 ng

RT: 17.21 min Scan# 2446

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampled :

PB89669BS

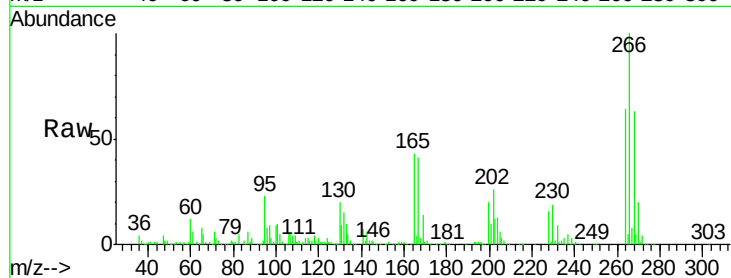
Tgt Ion:266 Resp: 127507

Ion Ratio Lower Upper

266 100

268 62.8 54.5 81.7

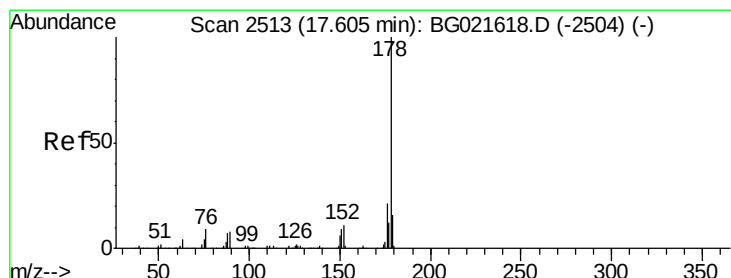
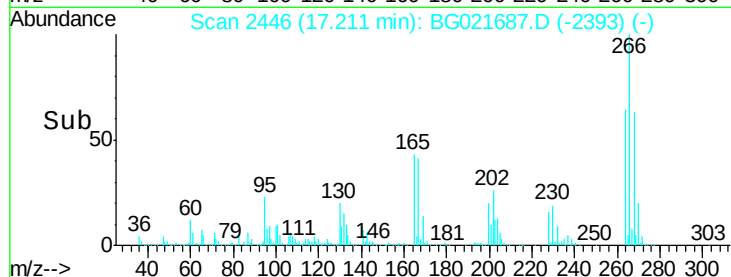
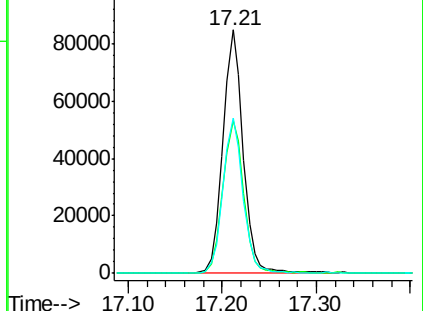
264 63.6 53.8 80.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.32 ng

RT: 17.60 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

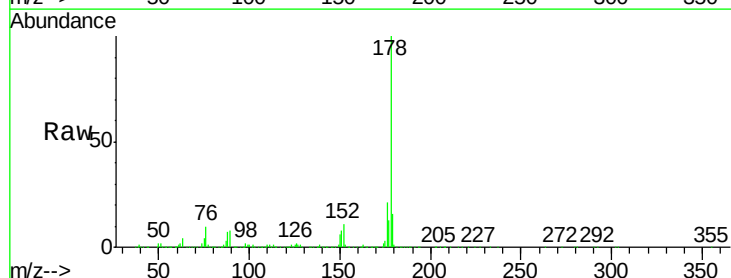
Tgt Ion:178 Resp: 471356

Ion Ratio Lower Upper

178 100

176 21.1 16.2 24.4

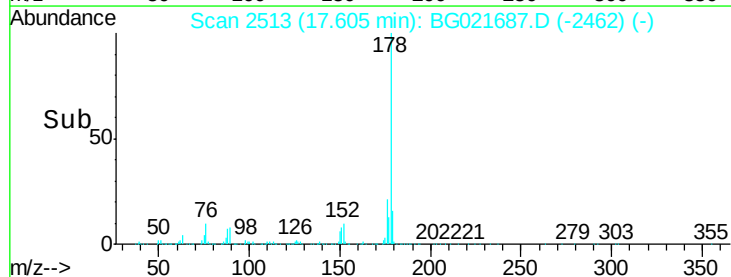
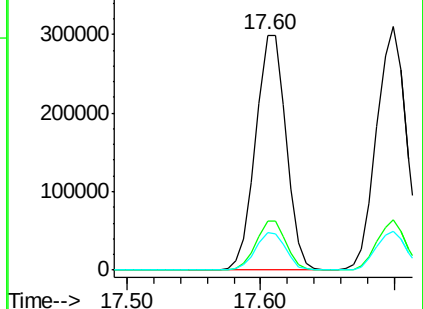
179 15.8 12.0 18.0

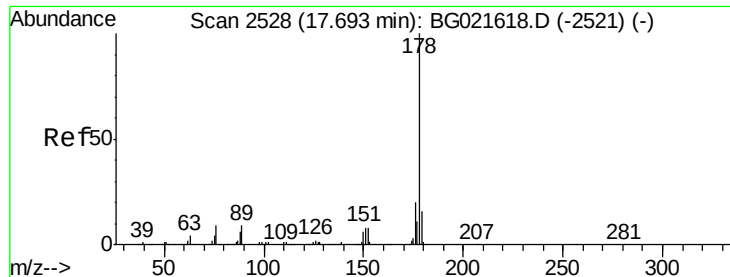


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

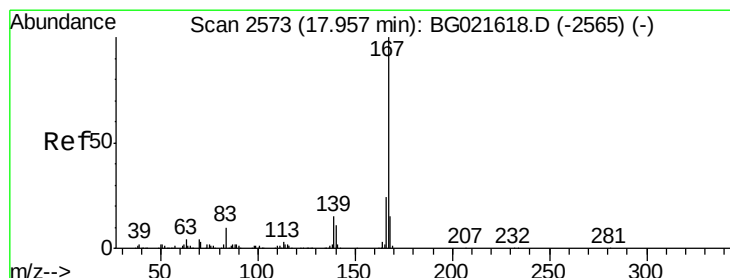
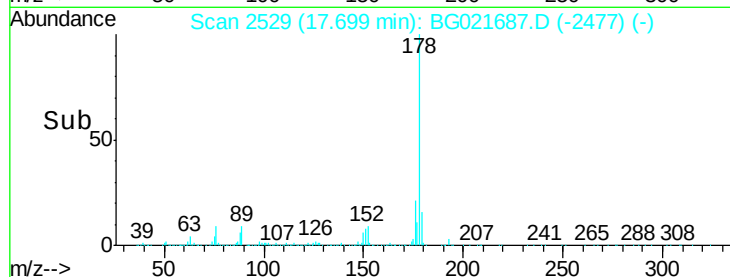
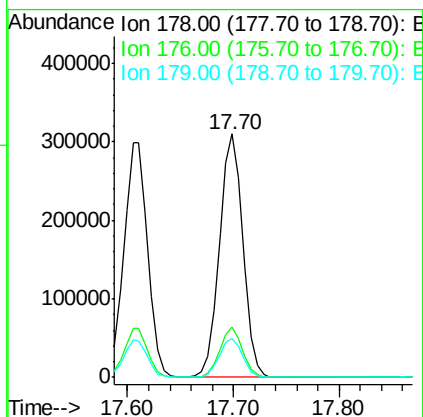
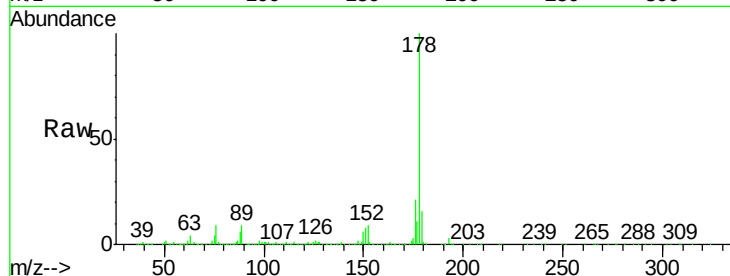




#71
 Anthracene
 Concen: 41.30 ng
 RT: 17.70 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

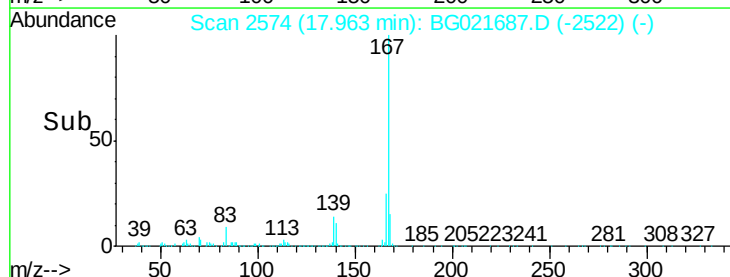
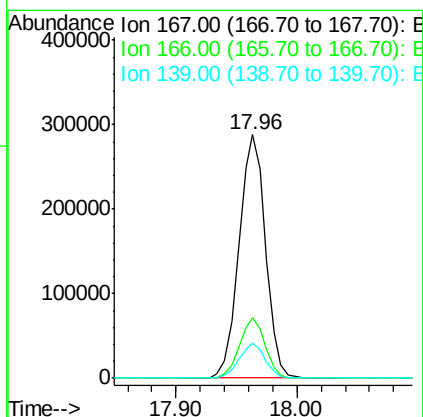
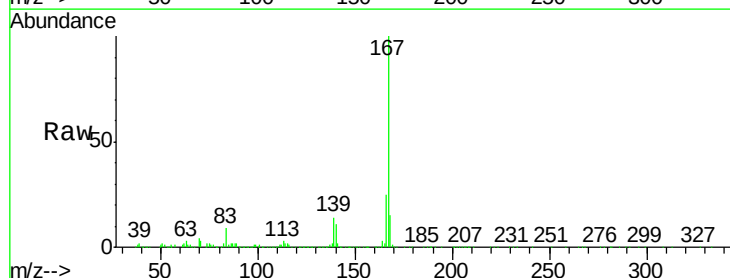
Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

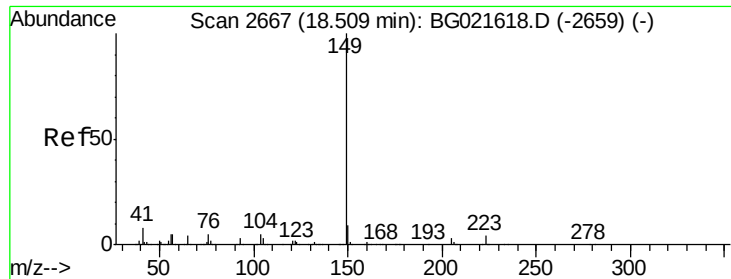
Tgt Ion:178 Resp: 478315
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.0 22.4
 179 16.1 12.2 18.4



#72
 Carbazole
 Concen: 40.65 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion:167 Resp: 439414
 Ion Ratio Lower Upper
 167 100
 166 24.7 18.6 27.8
 139 14.1 10.6 15.8





#73

Di-n-butylphthalate

Concen: 39.31 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

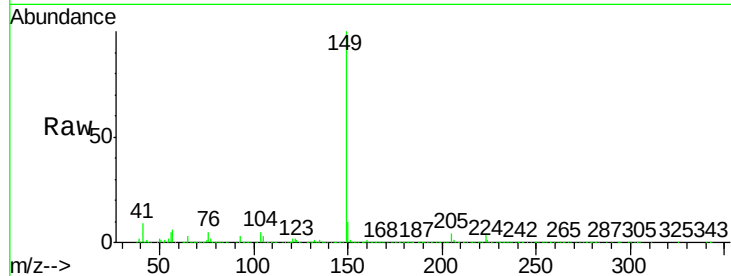
Tgt Ion:149 Resp: 540560

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

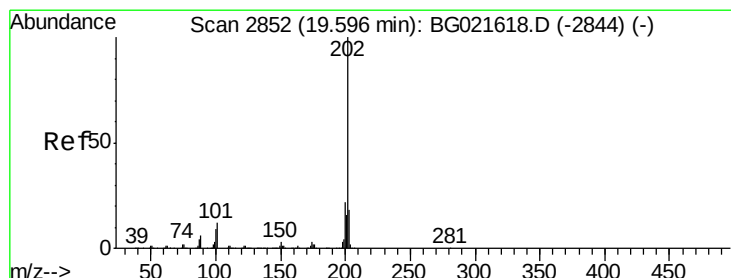
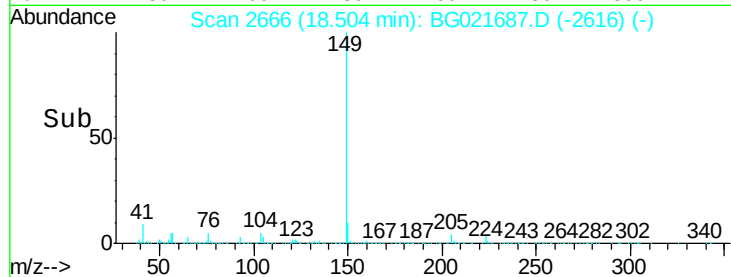
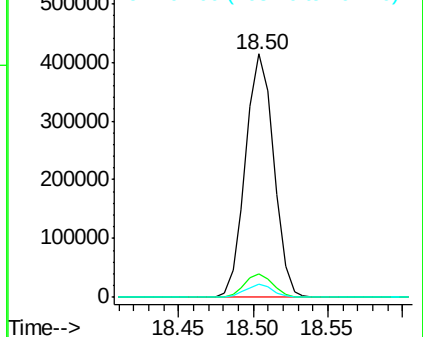
104 5.3 4.0 6.0



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: 39.43 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

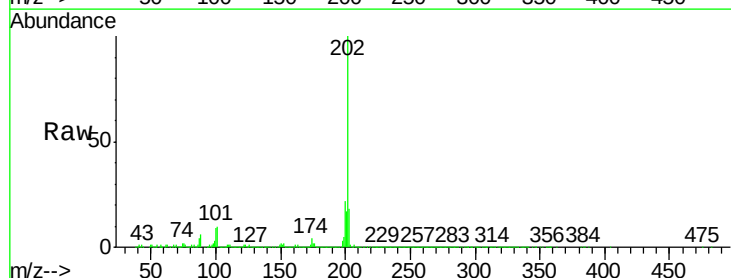
Tgt Ion:202 Resp: 537208

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.0

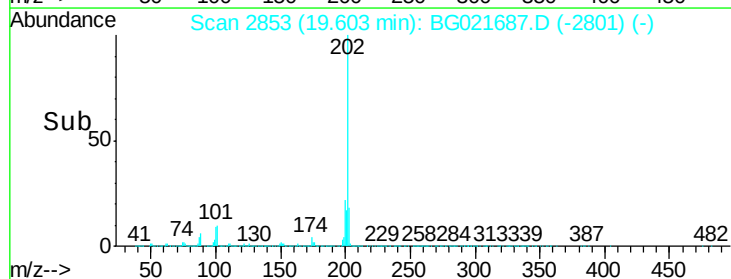
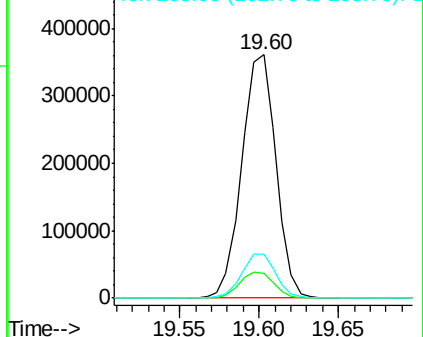
203 18.3 0.0 37.9

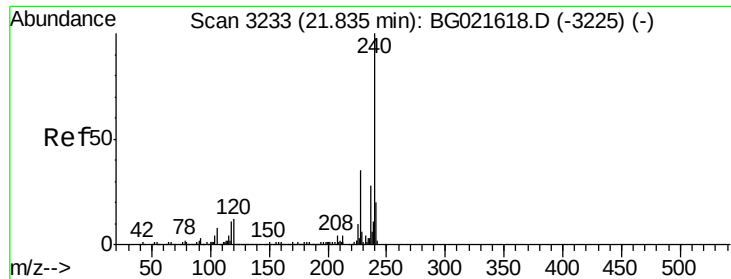


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.84 min Scan# 3234

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

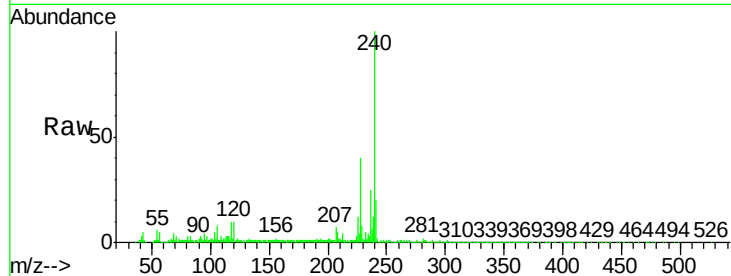
Tgt Ion:240 Resp: 233489

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

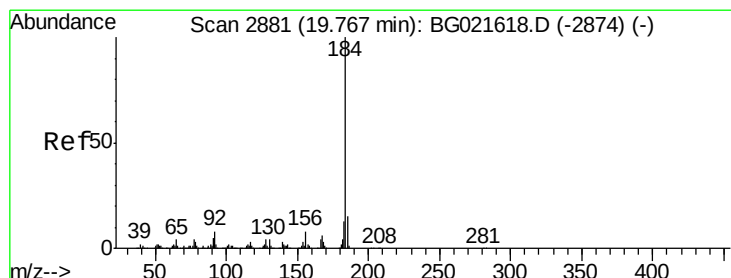
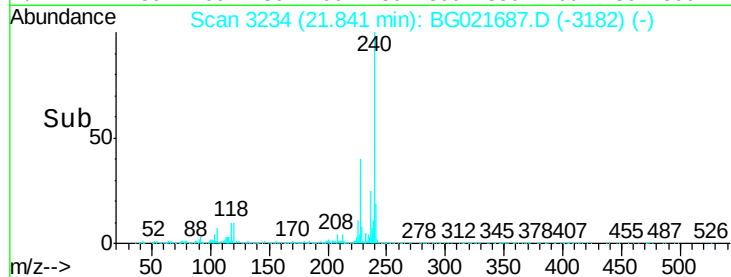
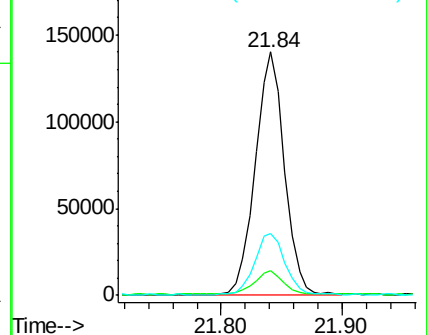
236 25.4 19.6 29.4



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: 29.59 ng

RT: 19.77 min Scan# 2882

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

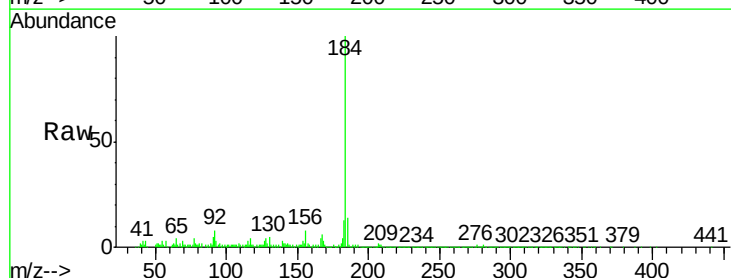
Tgt Ion:184 Resp: 215143

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

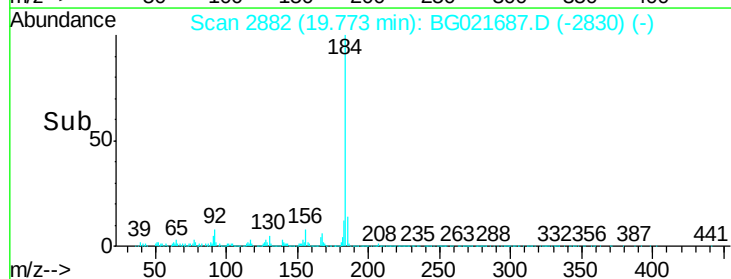
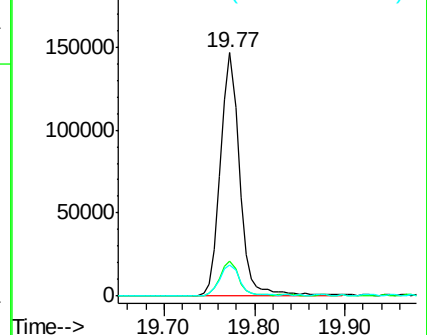
183 12.8 10.2 15.4

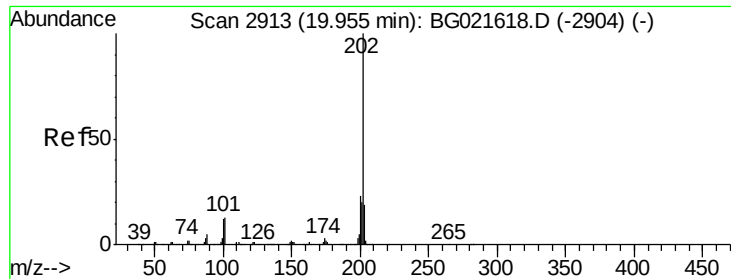


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.18 ng

RT: 19.96 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

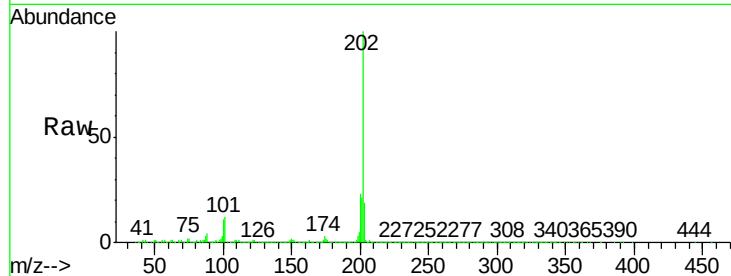
Tgt Ion:202 Resp: 554484

Ion Ratio Lower Upper

202 100

200 23.0 18.2 27.2

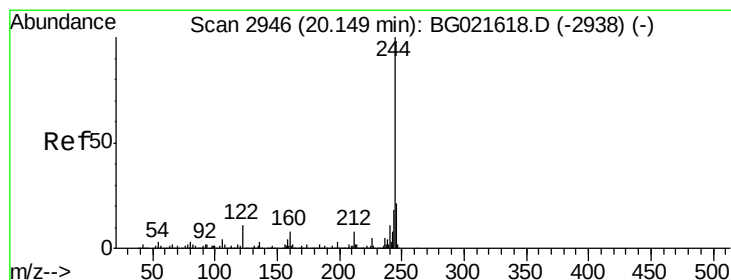
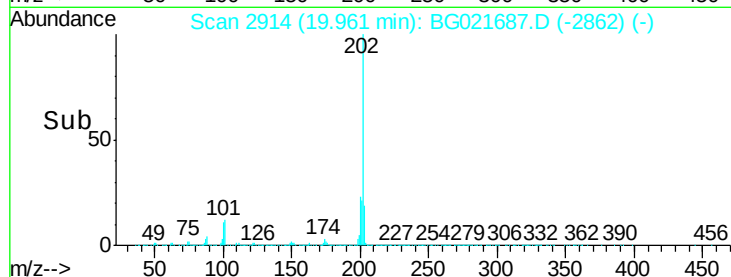
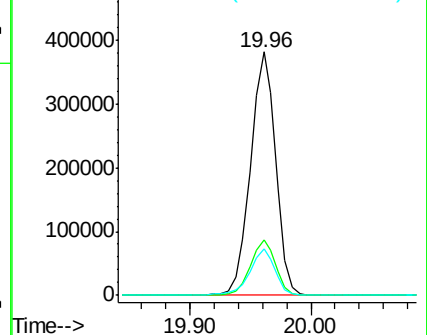
203 19.2 15.0 22.4



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: 81.34 ng

RT: 20.15 min Scan# 2946

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

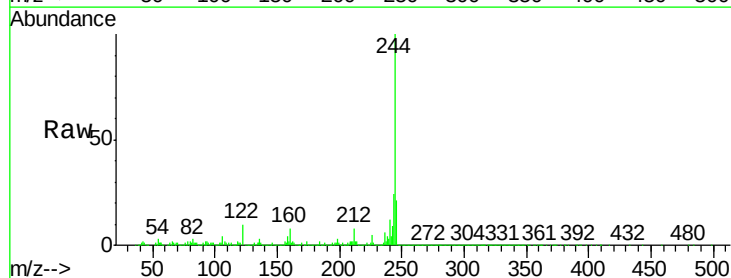
Tgt Ion:244 Resp: 761091

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

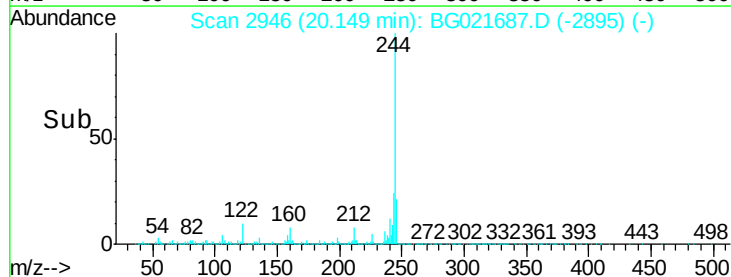
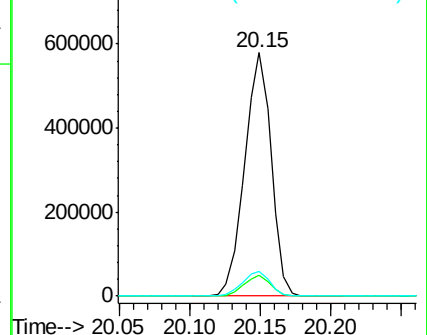
122 10.3 8.6 12.8

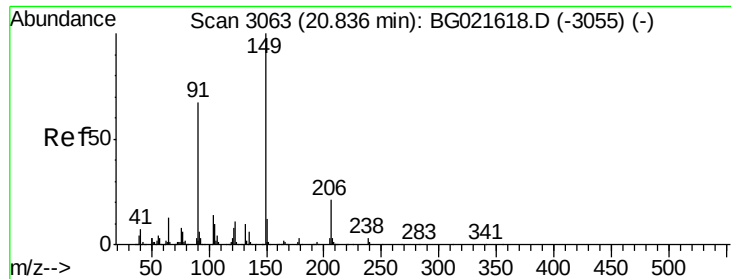


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

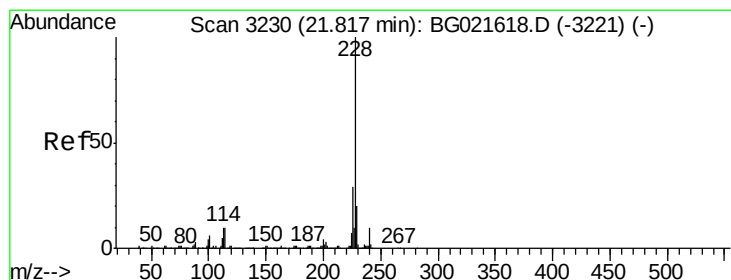
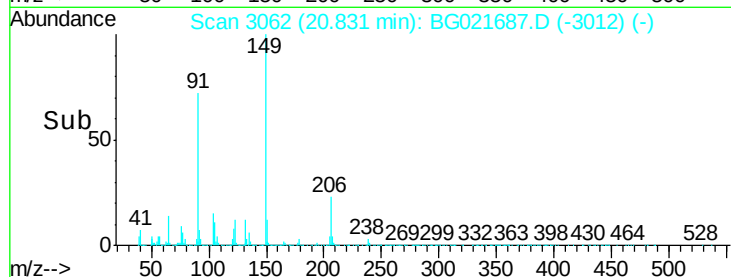
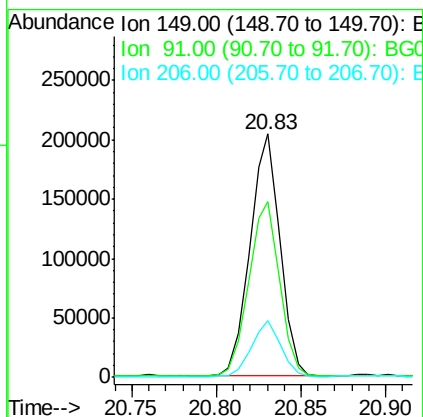
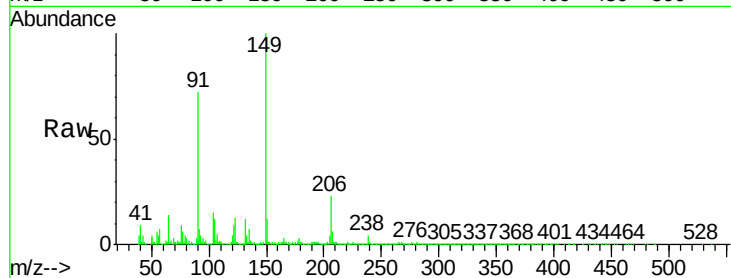




#79
Butylbenzylphthalate
Concen: 40.22 ng
RT: 20.83 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

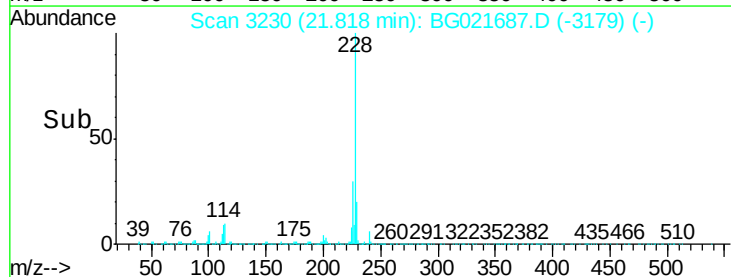
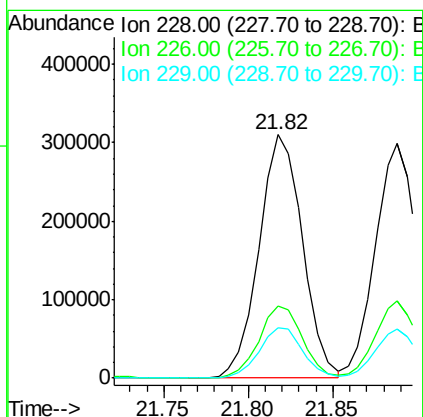
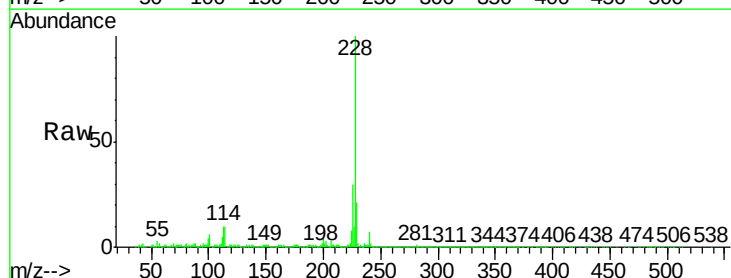
Instrument :
BNA_G
ClientSampled :
PB89669BS

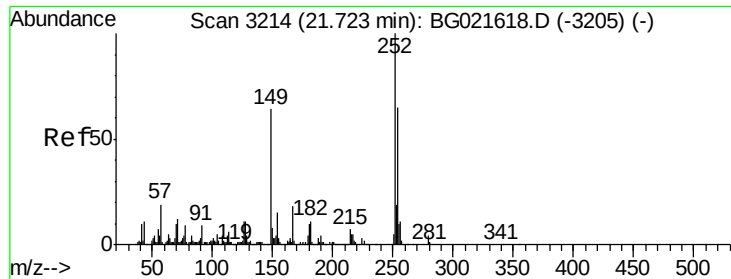
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.4	57.8	86.8
206	23.2	17.0	25.4



#80
Benzo(a)anthracene
Concen: 41.16 ng
RT: 21.82 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	34.0
229	20.5	16.1	24.1

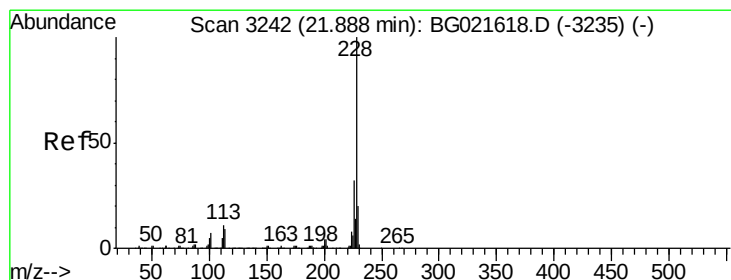
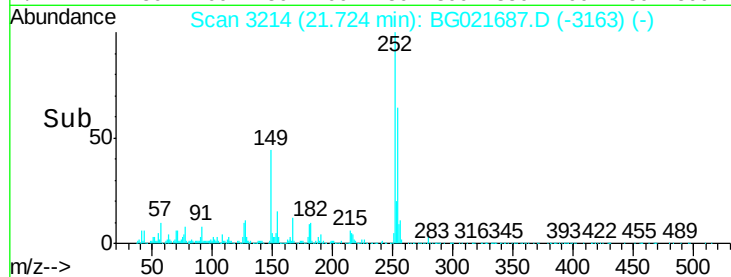
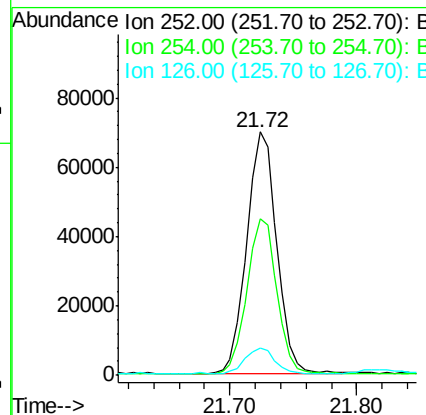
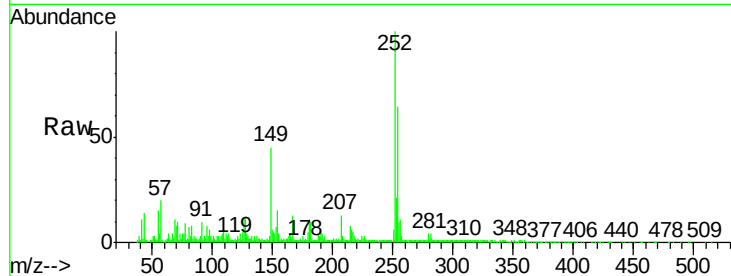




#81
 3,3'-Dichlorobenzidine
 Concen: 10.78 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

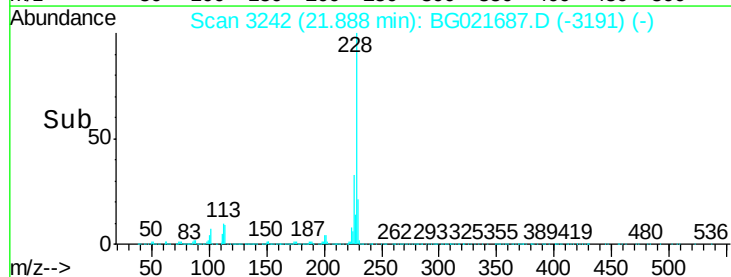
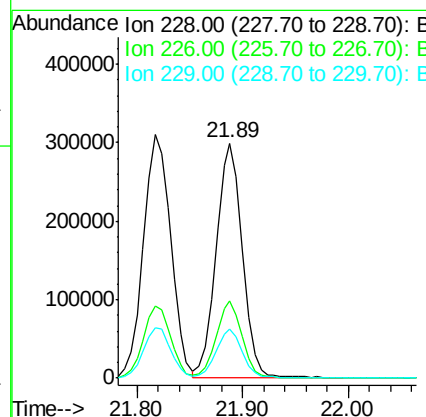
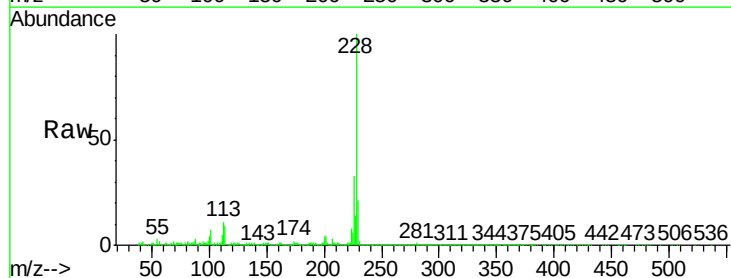
Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

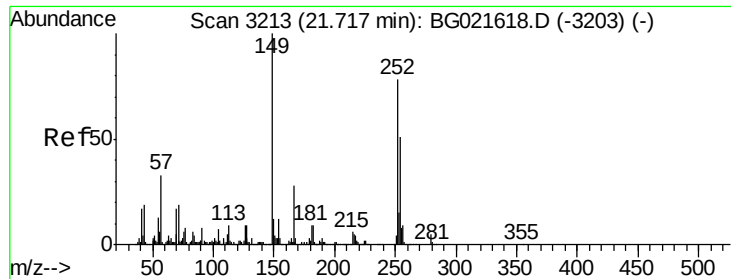
Tgt Ion:252 Resp: 114633
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.8 77.6
 126 11.1 8.8 13.2



#82
 Chrysene
 Concen: 39.86 ng
 RT: 21.89 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion:228 Resp: 514566
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.4 38.0
 229 20.8 15.9 23.9

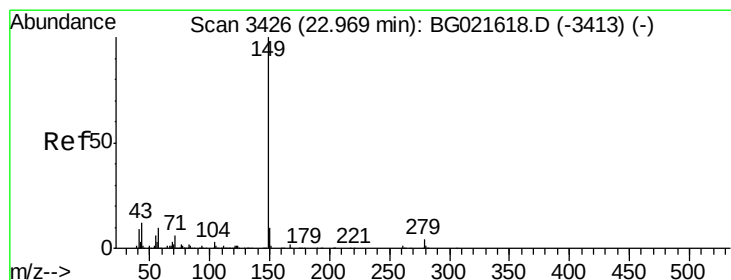
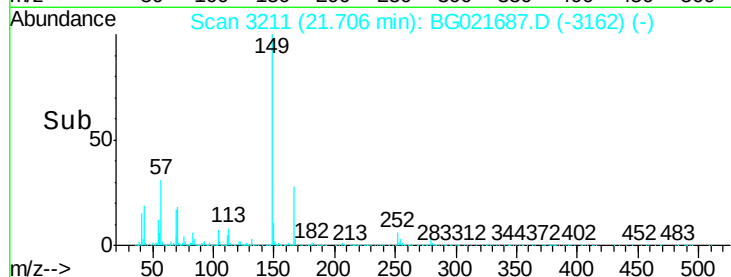
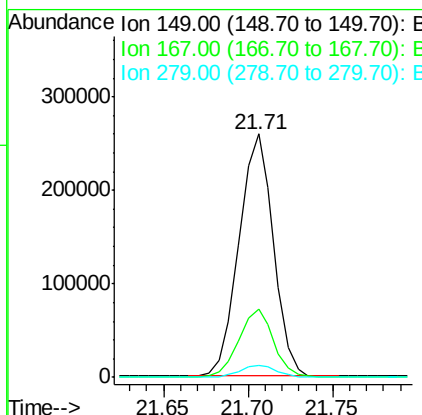
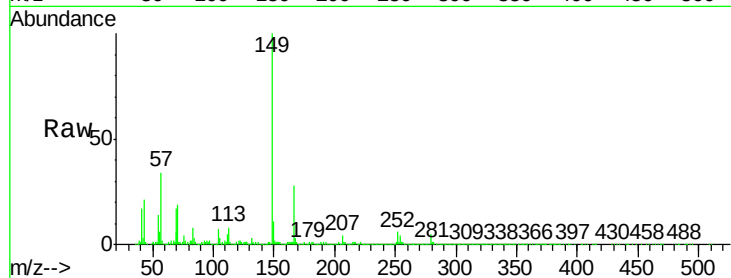




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.96 ng
 RT: 21.71 min Scan# 3211
 Delta R.T. -0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

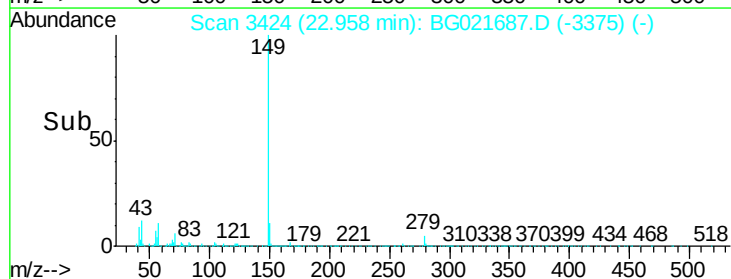
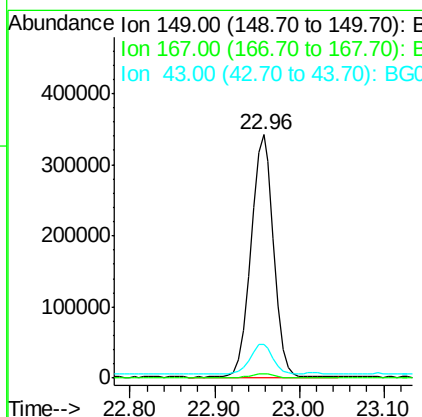
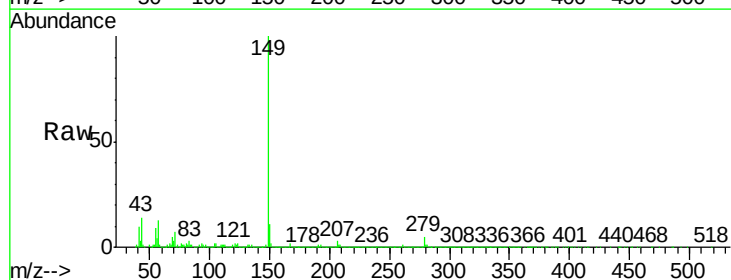
Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

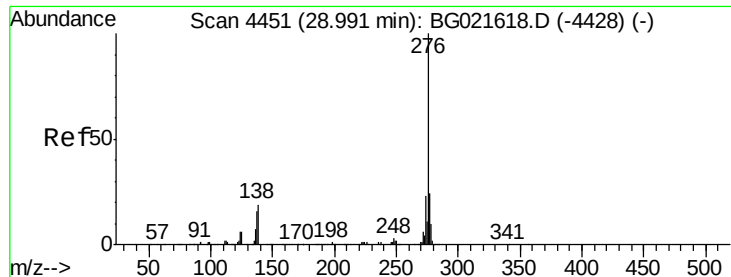
Tgt Ion:149 Resp: 365267
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.4 33.6
 279 5.1 3.2 4.8#



#84
 Di-n-octyl phthalate
 Concen: 41.43 ng
 RT: 22.96 min Scan# 3424
 Delta R.T. -0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion:149 Resp: 634322
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 12.1 9.8 14.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 21.77 ng

RT: 28.99 min Scan# 4451

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

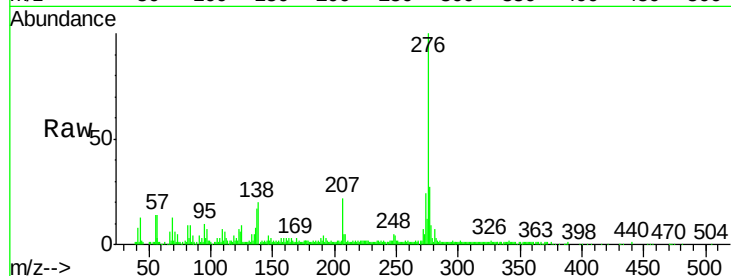
Tgt Ion:276 Resp: 334042

Ion Ratio Lower Upper

276 100

138 6.5 14.0 21.0#

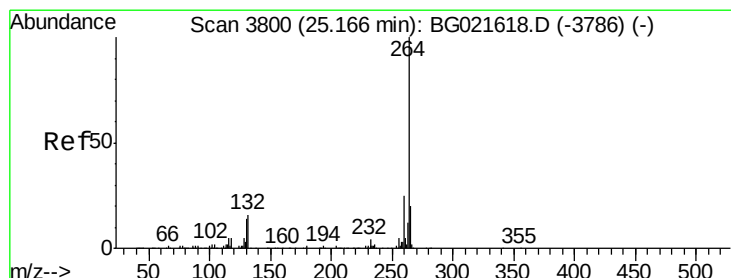
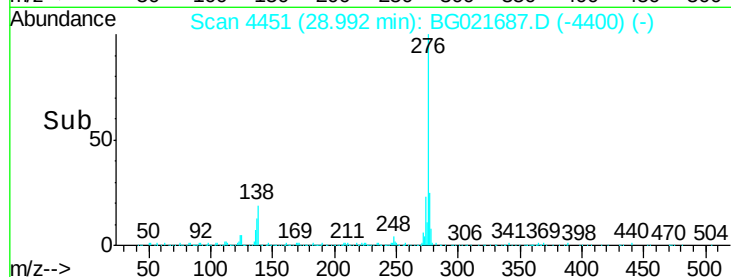
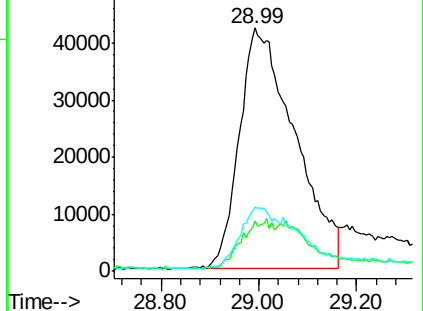
277 27.3 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.17 min Scan# 3801

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

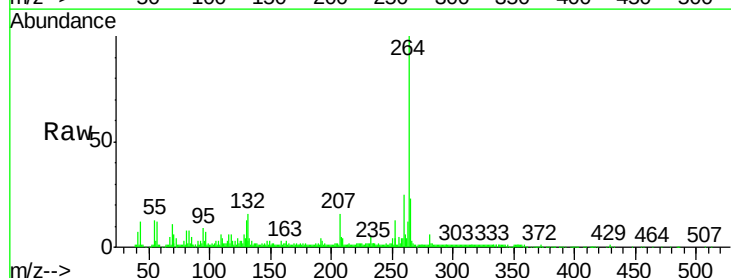
Tgt Ion:264 Resp: 196030

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.4

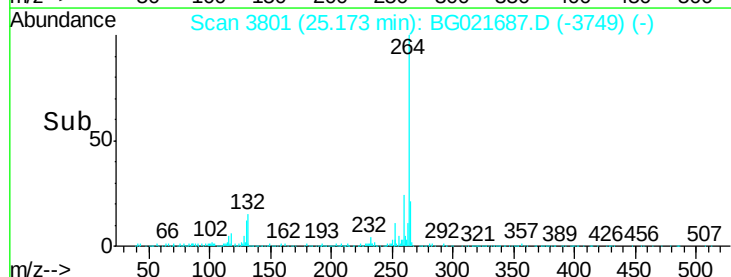
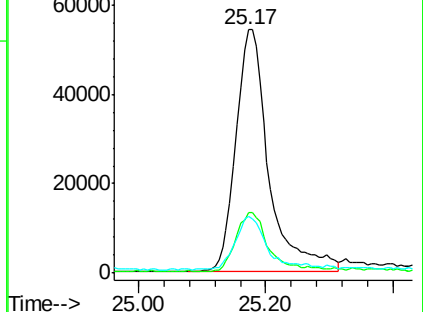
265 23.1 17.8 26.8

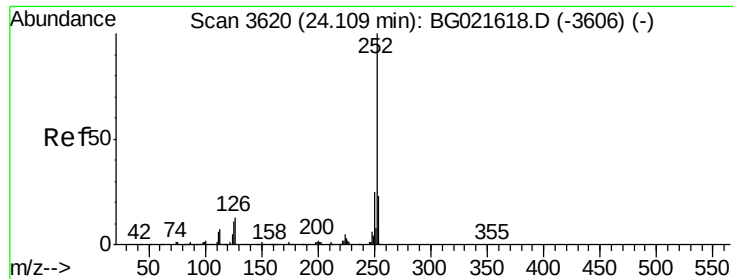


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

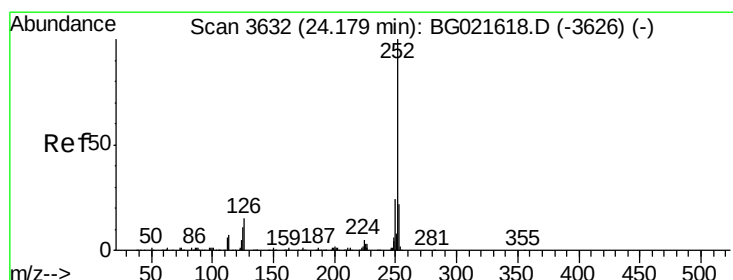
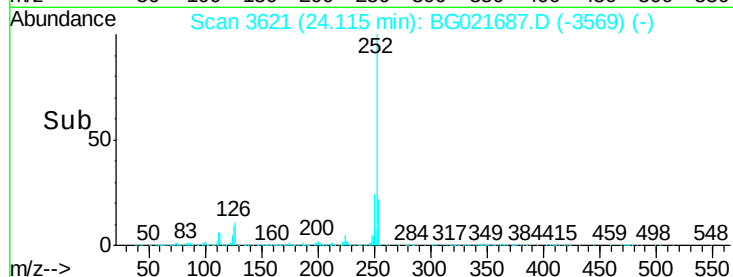
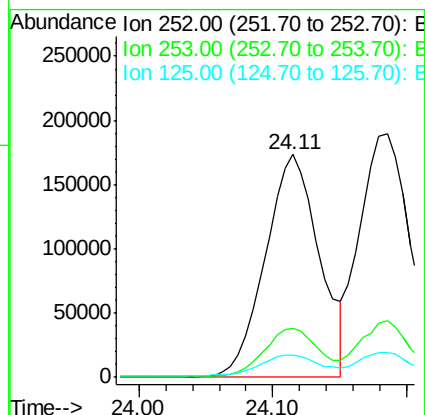
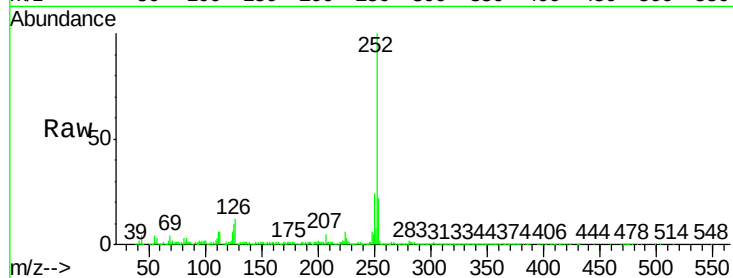




#87
 Benzo(b)fluoranthene
 Concen: 42.57 ng
 RT: 24.11 min Scan# 3621
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

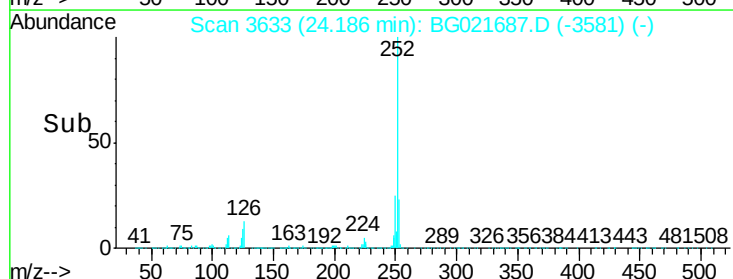
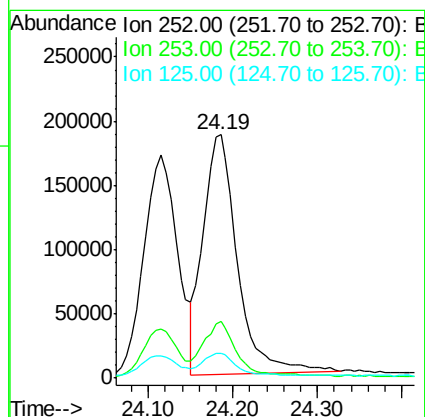
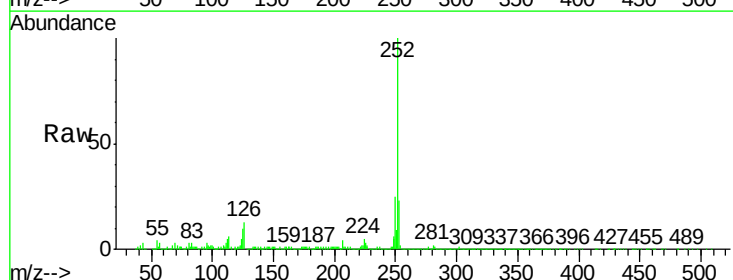
Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

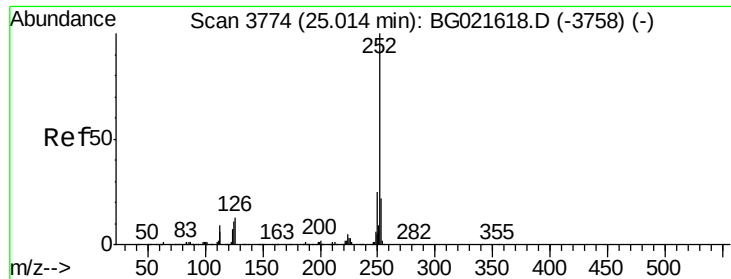
Tgt Ion:252 Resp: 484263
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 10.0 8.6 13.0



#88
 Benzo(k)fluoranthene
 Concen: 47.24 ng
 RT: 24.19 min Scan# 3633
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion:252 Resp: 525447
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.8 26.8
 125 10.3 8.3 12.5





#89

Benzo(a)pyrene

Concen: 41.67 ng

RT: 25.02 min Scan# 3775

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

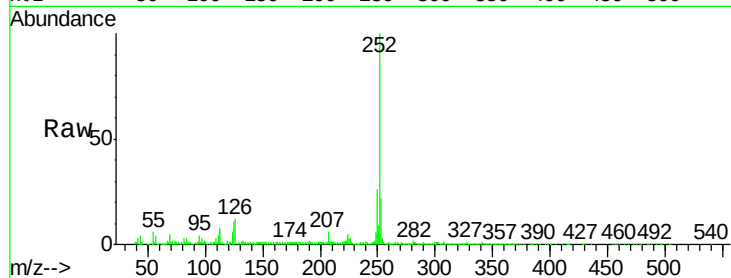
Tgt Ion:252 Resp: 459256

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

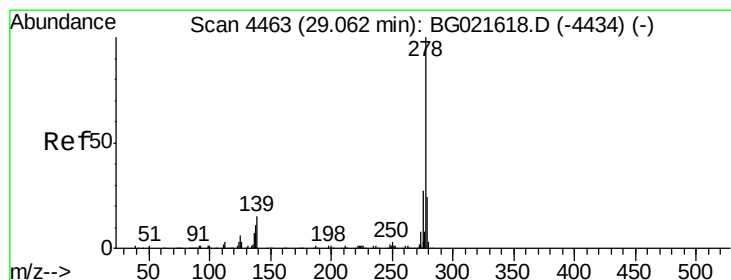
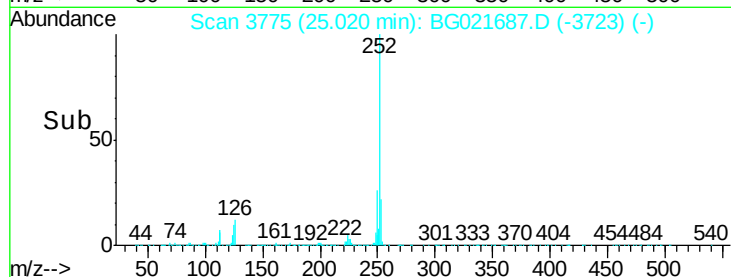
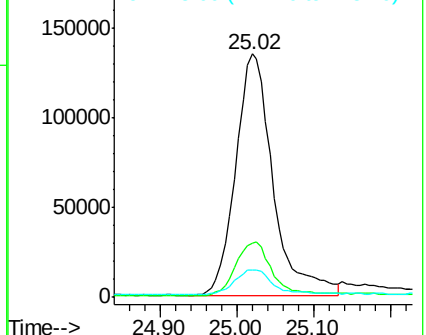
125 11.4 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 27.34 ng

RT: 29.07 min Scan# 4464

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

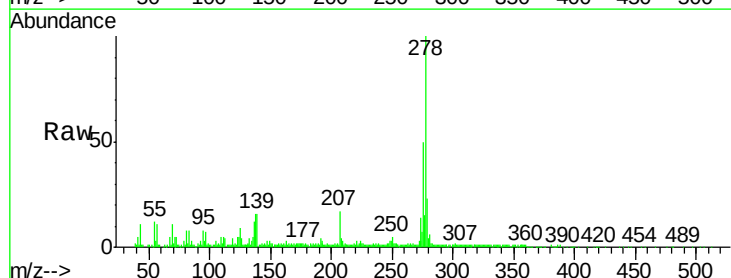
Tgt Ion:278 Resp: 302052

Ion Ratio Lower Upper

278 100

139 15.7 11.9 17.9

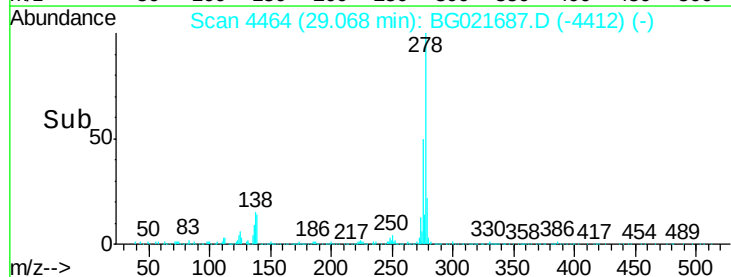
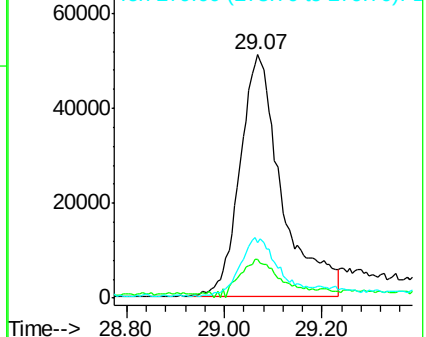
279 22.9 18.2 27.2

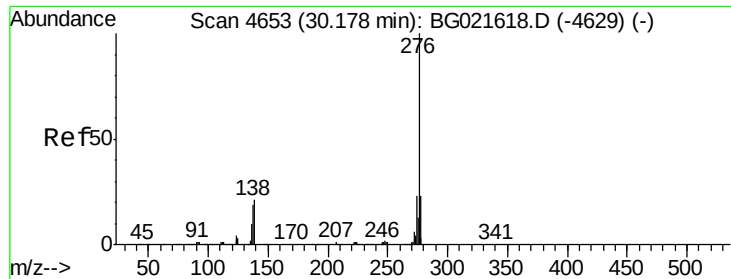


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 23.42 ng

RT: 30.18 min Scan# 4654

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS

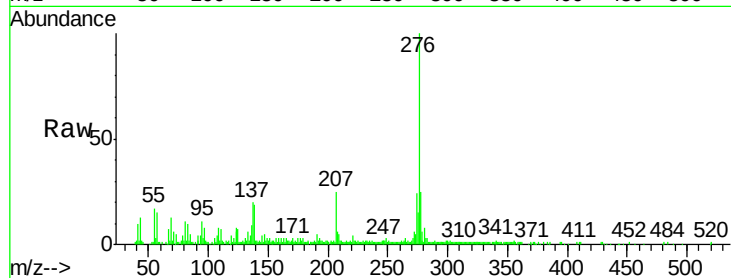
Tgt Ion:276 Resp: 253927

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.2

138 19.2 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

