

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022344.D
 Acq On : 14 Jun 2016 21:06
 Operator : UM/SJ
 Sample : PB91309BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91309BS

Quant Time: Jun 15 03:30:09 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	20822	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	112412	20.00	ng	-0.02
38) Acenaphthene-d10	14.71	164	77972	20.00	ng	-0.02
63) Phenanthrene-d10	17.46	188	202577	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	173140	20.00	ng	-0.01
86) Perylene-d12	25.00	264	159976	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	141864	131.73	ng	-0.02
7) Phenol-d6	7.23	99	217787	128.62	ng	-0.02
23) Nitrobenzene-d5	9.24	82	114472	71.00	ng	-0.02
41) 2,4,6-Tribromophenol	16.20	330	95739	108.67	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	319194	62.39	ng	-0.01
78) Terphenyl-d14	20.05	244	520790	71.41	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	13698	26.53	ng	# 77
3) Pyridine	3.86	79	41057	29.42	ng	95
4) n-Nitrosodimethylamine	3.77	42	11879	38.07	ng	# 82
6) Aniline	7.39	93	39906	18.55	ng	# 86
8) 2-Chlorophenol	7.63	128	58820	39.52	ng	# 80
10) Phenol	7.26	94	75220	43.09	ng	83
11) bis(2-Chloroethyl)ether	7.48	93	48182	34.62	ng	# 73
12) 1,3-Dichlorobenzene	7.96	146	52199	32.71	ng	# 94
13) 1,4-Dichlorobenzene	8.10	146	53301	33.53	ng	93
14) 1,2-Dichlorobenzene	8.43	146	53331	33.28	ng	92
15) Benzyl Alcohol	8.32	79	42810	39.13	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.60	45	53091	36.76	ng	84
17) 2-Methylphenol	8.53	107	53520	41.08	ng	# 84
18) Hexachloroethane	9.16	117	19624	33.81	ng	# 84
19) n-Nitroso-di-n-propylamine	8.87	70	41247	35.99	ng	# 70
20) 3+4-Methylphenols	8.86	107	73643	39.41	ng	97
22) Acetophenone	8.90	105	79518	32.83	ng	# 82
24) Nitrobenzene	9.28	77	59147	36.48	ng	# 83
25) Isophorone	9.81	82	124888	33.11	ng	94
26) 2-Nitrophenol	10.00	139	32437	36.89	ng	# 78
27) 2,4-Dimethylphenol	10.06	122	63277	39.76	ng	90
28) bis(2-Chloroethoxy)methane	10.29	93	75202	34.80	ng	91
29) 2,4-Dichlorophenol	10.55	162	59984	40.69	ng	95
30) 1,2,4-Trichlorobenzene	10.75	180	52479	31.86	ng	90
31) Naphthalene	10.94	128	184574	32.89	ng	# 96
32) Benzoic acid	10.20	122	22884	43.82	ng	# 85
33) 4-Chloroaniline	11.06	127	25236	10.82	ng	# 88
34) Hexachlorobutadiene	11.21	225	27234	30.79	ng	94
35) Caprolactam	11.82	113	31640m	39.12	ng	
36) 4-Chloro-3-methylphenol	12.18	107	74775	42.79	ng	# 83
37) 2-Methylnaphthalene	12.54	142	139504	33.68	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	60290	30.04	ng	99
40) Hexachlorocyclopentadiene	12.88	237	33208	35.51	ng	97
42) 2,4,6-Trichlorophenol	13.16	196	49235	36.57	ng	94

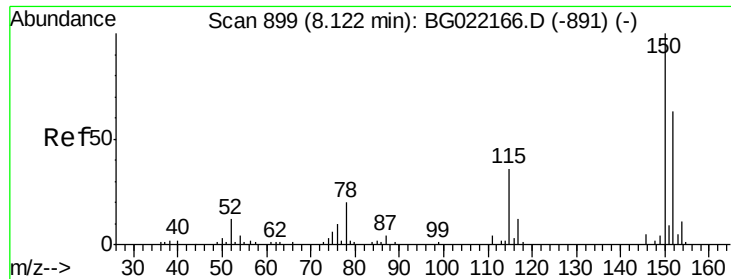
Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022344.D
 Acq On : 14 Jun 2016 21:06
 Operator : UM/SJ
 Sample : PB91309BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.23	196	53392	35.89	nq	93
45) 1,1'-Biphenyl	13.54	154	189579	32.31	nq	96
46) 2-Chloronaphthalene	13.59	162	148576	33.03	nq	97
47) 2-Nitroaniline	13.80	65	44275	41.28	nq	# 63
48) Acenaphthylene	14.44	152	266356	33.75	nq	98
49) Dimethylphthalate	14.16	163	222756	34.46	nq	99
50) 2,6-Dinitrotoluene	14.29	165	51489	36.64	nq	# 77
51) Acenaphthene	14.77	154	158413	33.50	nq	96
52) 3-Nitroaniline	14.63	138	25669	16.47	nq	81
53) 2,4-Dinitrophenol	14.84	184	38636	69.05	nq	# 73
54) Dibenzofuran	15.11	168	255426	34.61	nq	99
55) 4-Nitrophenol	14.95	139	77981	72.49	nq	# 77
56) 2,4-Dinitrotoluene	15.08	165	75080	39.83	nq	# 83
57) Fluorene	15.75	166	221684	34.87	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	48483	36.34	nq	98
59) Diethylphthalate	15.51	149	249682	36.15	nq	100
60) 4-Chlorophenyl-phenylether	15.74	204	99387	34.52	nq	94
61) 4-Nitroaniline	15.79	138	56886	34.41	nq	# 80
62) Azobenzene	16.04	77	203530	38.92	nq	89
64) 4,6-Dinitro-2-methylphenol	15.85	198	35094	35.75	nq	# 84
65) n-Nitrosodiphenylamine	15.96	169	199436	34.18	nq	99
66) 4-Bromophenyl-phenylether	16.63	248	61905	32.61	nq	99
67) Hexachlorobenzene	16.76	284	66996	30.28	nq	98
68) Atrazine	16.91	200	70345	32.56	nq	99
69) Pentachlorophenol	17.11	266	55721	57.63	nq	98
70) Phenanthrene	17.50	178	365522	33.22	nq	98
71) Anthracene	17.59	178	364091	33.37	nq	98
72) Carbazole	17.86	167	343977	33.28	nq	97
73) Di-n-butylphthalate	18.40	149	458387	33.93	nq	99
74) Fluoranthene	19.50	202	405790	32.08	nq	96
76) Benzidine	19.68	184	115819	25.58	nq	98
77) Pyrene	19.87	202	400338	37.19	nq	99
79) Butylbenzylphthalate	20.73	149	197259	39.52	nq	92
80) Benzo(a)anthracene	21.71	228	336422	34.65	nq	99
81) 3,3'-Dichlorobenzidine	21.62	252	55172	20.24	nq	98
82) Chrysene	21.78	228	322566	34.14	nq	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	279246	38.04	nq	96
84) Di-n-octyl phthalate	22.80	149	463109	38.00	nq	# 87
85) Indeno(1,2,3-cd)pyrene	28.73	276	342933	32.36	nq	# 69
87) Benzo(b)fluoranthene	23.96	252	330662	35.44	nq	# 97
88) Benzo(k)fluoranthene	24.02	252	301625	32.84	nq	# 97
89) Benzo(a)pyrene	24.84	252	307540	34.47	nq	# 96
90) Dibenzo(a,h)anthracene	28.80	278	283071	33.69	nq	97
91) Benzo(g,h,i)perylene	29.92	276	289618	33.13	nq	# 93

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

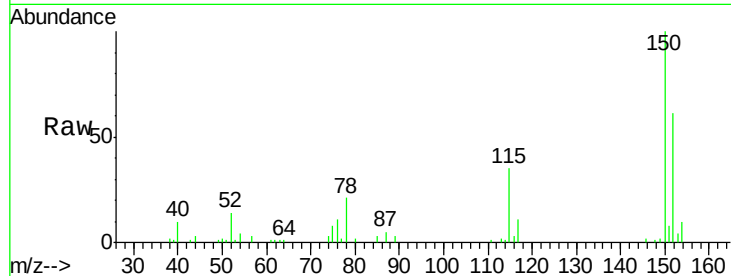


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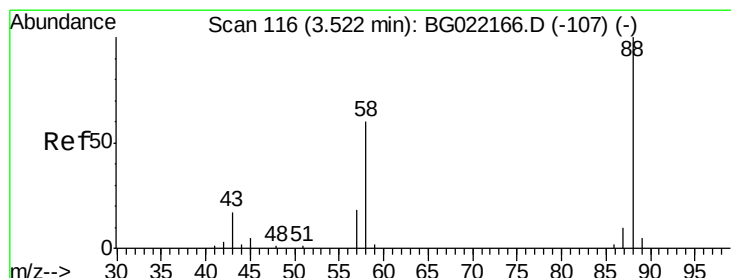
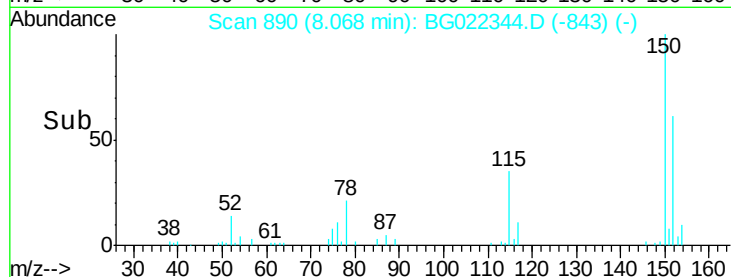
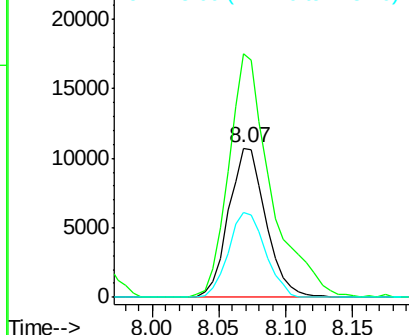
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 890
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Instrument :
BNA_G
ClientSampleId :
PB91309BS

Tot Ion:152 Resp: 20822
Ion Ratio Lower Upper
152 100
150 163.4 130.1 195.1
115 57.4 62.2 93.2#



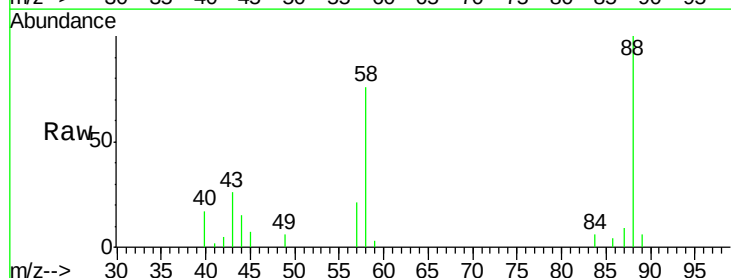
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



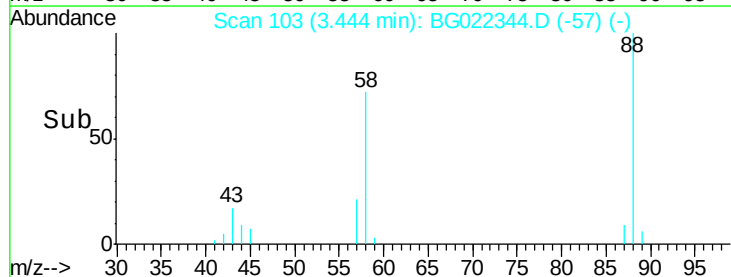
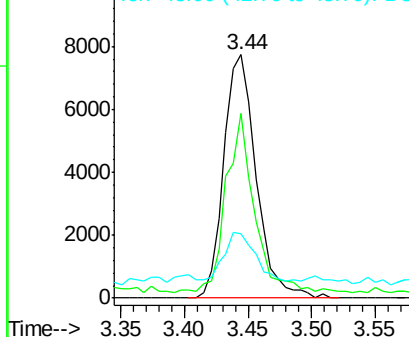
#2

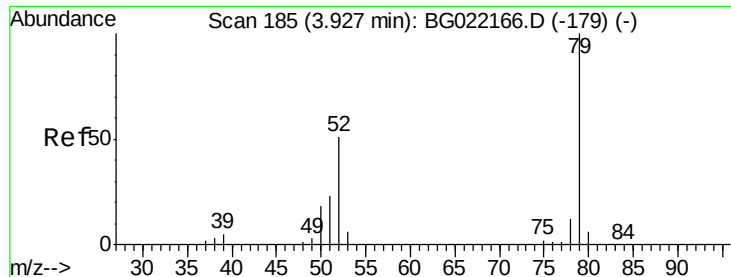
1,4-Dioxane
Concen: 26.53 ng
RT: 3.44 min Scan# 103
Delta R.T. -0.03 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion: 88 Resp: 13698
Ion Ratio Lower Upper
88 100
58 61.6 36.8 55.2#
43 20.6 10.4 15.6#



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





#3

Pvridine

Concen: 29.42 ng

RT: 3.86 min Scan# 173

Delta R.T. -0.03 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

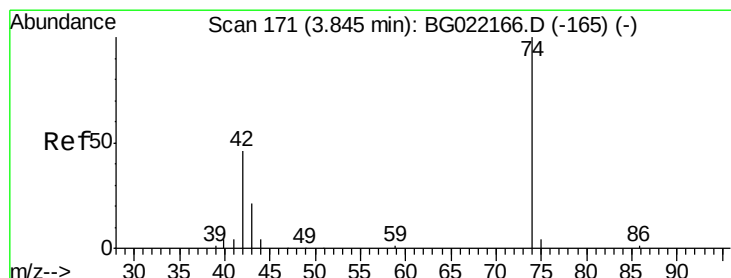
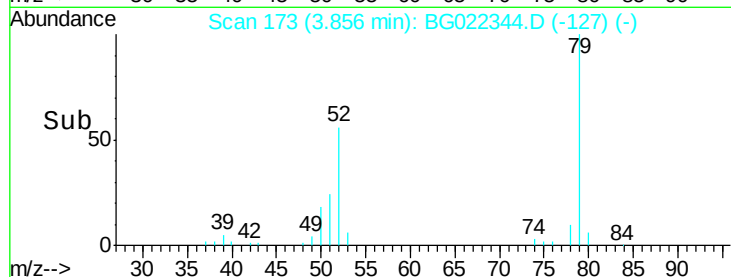
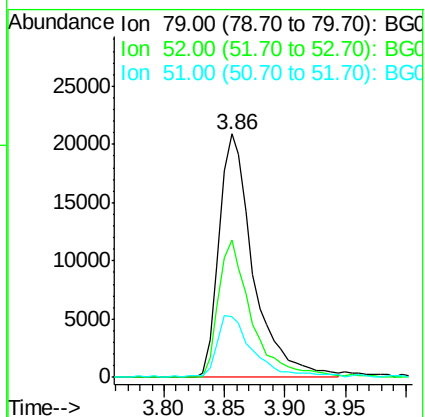
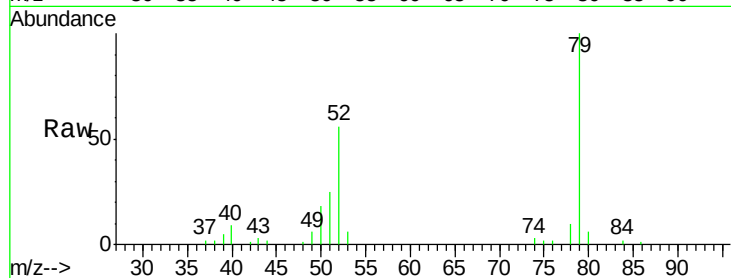
Tot Ion: 79 Resp: 41057

Ion Ratio Lower Upper

79 100

52 56.3 41.6 62.4

51 24.7 19.2 28.8



#4

n-Nitrosodimethylamine

Concen: 38.07 ng

RT: 3.77 min Scan# 159

Delta R.T. -0.03 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

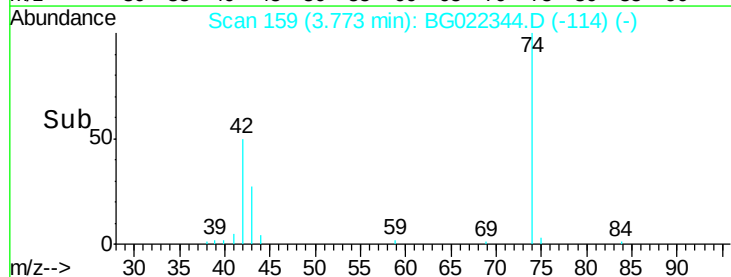
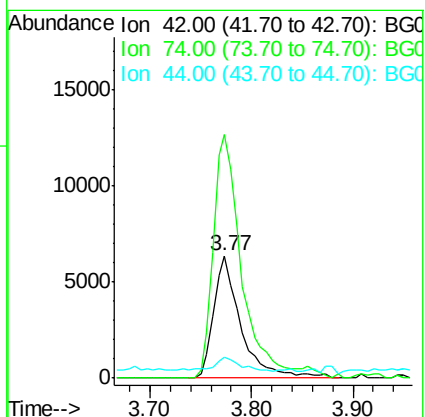
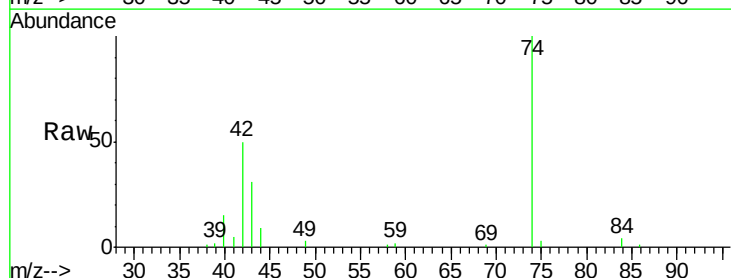
Tgt Ion: 42 Resp: 11879

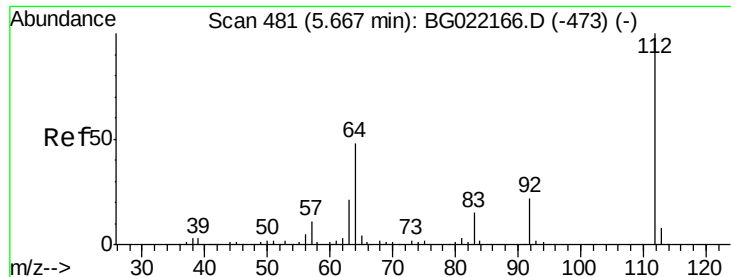
Ion Ratio Lower Upper

42 100

74 199.3 184.0 276.0

44 17.3 11.0 16.6#





#5

2-Fluorophenol

Concen: 131.73 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleID :

PB91309BS

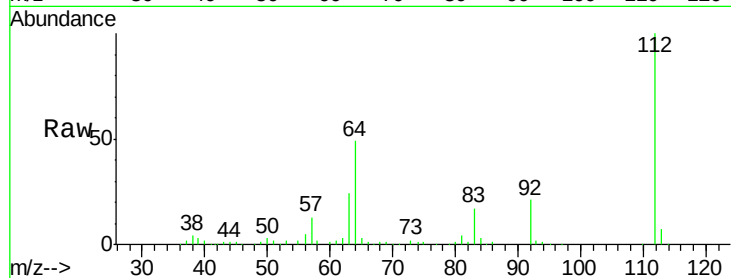
Tot Ion:112 Resp: 141864

Ion Ratio Lower Upper

112 100

64 48.6 51.1 76.7#

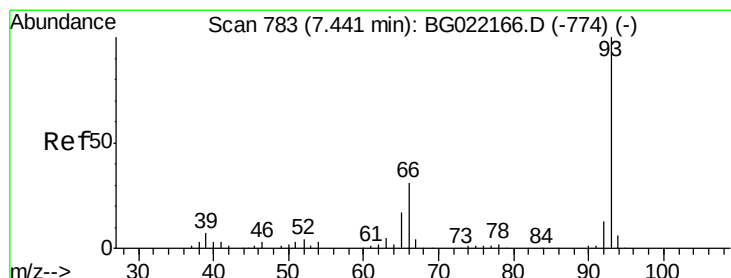
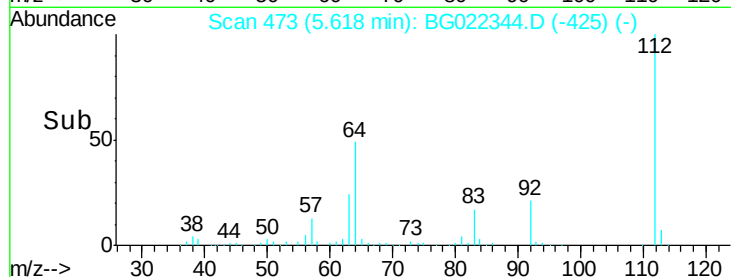
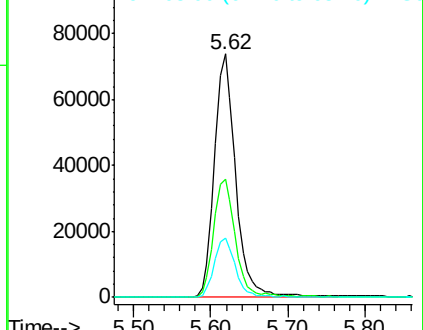
63 24.1 24.6 37.0#



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: 18.55 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

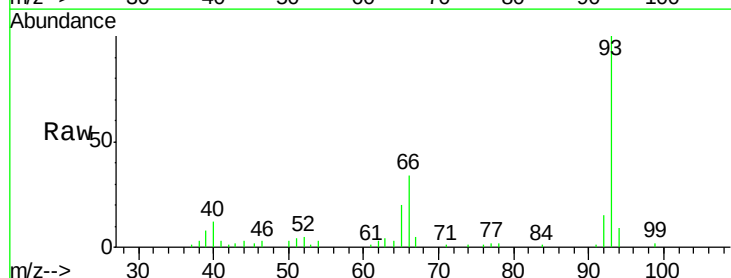
Tgt Ion: 93 Resp: 39906

Ion Ratio Lower Upper

93 100

66 33.8 36.3 54.5#

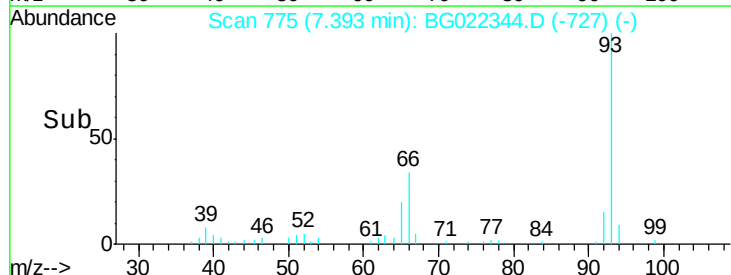
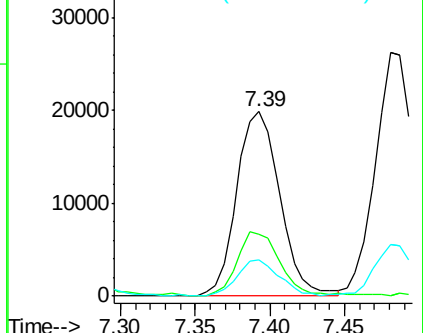
65 19.6 18.4 27.6

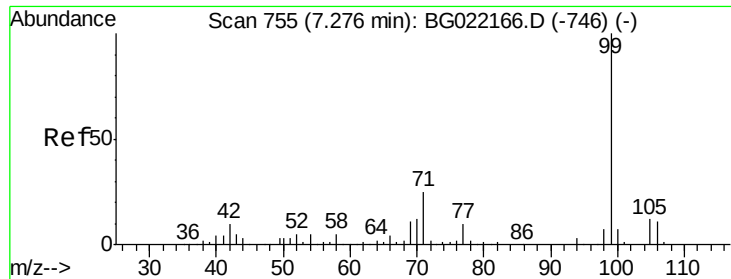


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.62 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

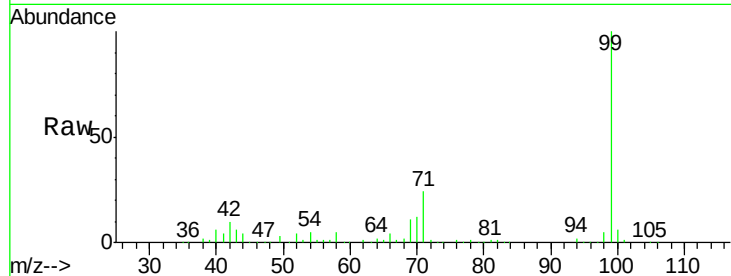
Tot Ion: 99 Resp: 217787

Ion Ratio Lower Upper

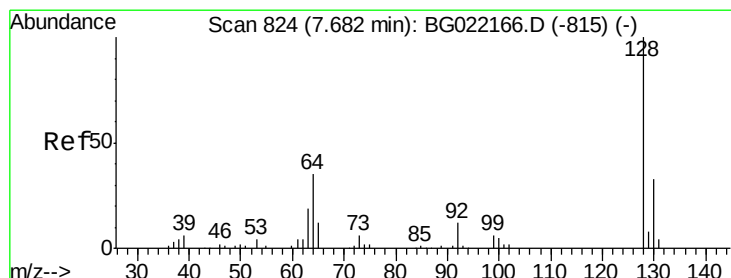
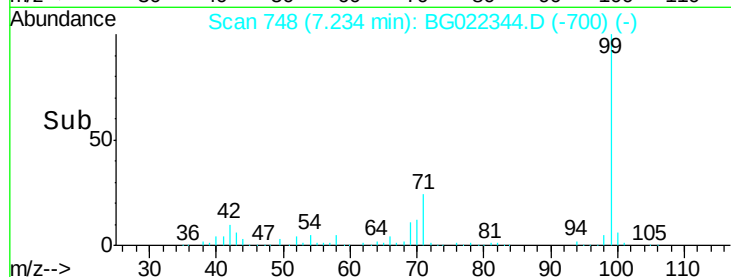
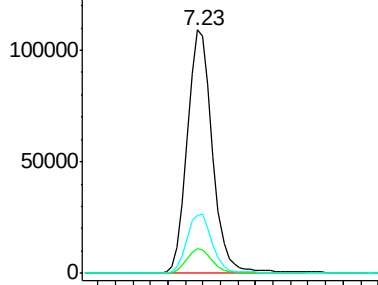
99 100

42 10.3 16.4 24.6#

71 23.8 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: 39.52 ng

RT: 7.63 min Scan# 816

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

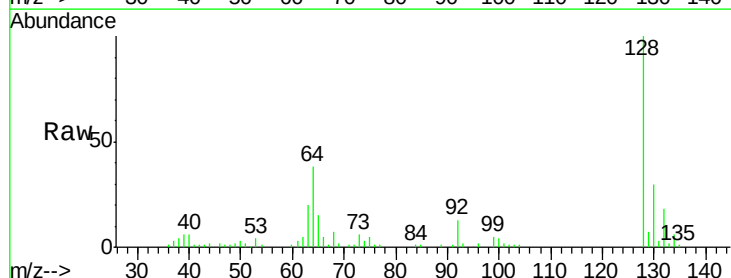
Tgt Ion: 128 Resp: 58820

Ion Ratio Lower Upper

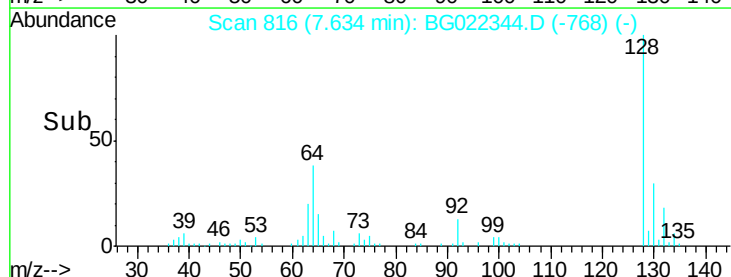
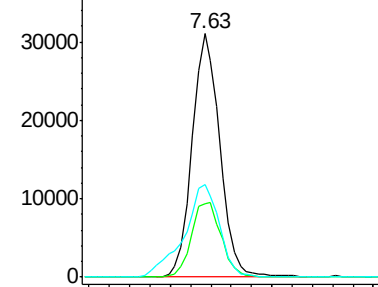
128 100

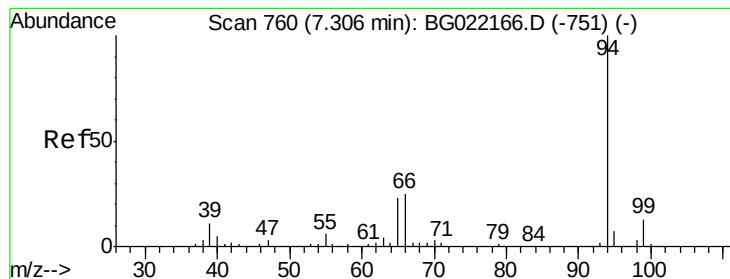
130 30.0 11.2 51.2

64 38.1 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





#10

Phenol

Concen: 43.09 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

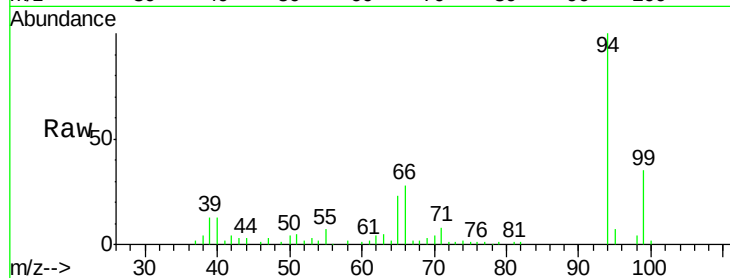
BNA_G

ClientSampleId :

PB91309BS

Tot Ion: 94 Resp: 75220

Ion	Ratio	Lower	Upper
94	100		
65	23.5	9.8	49.8
66	27.6	20.8	60.8

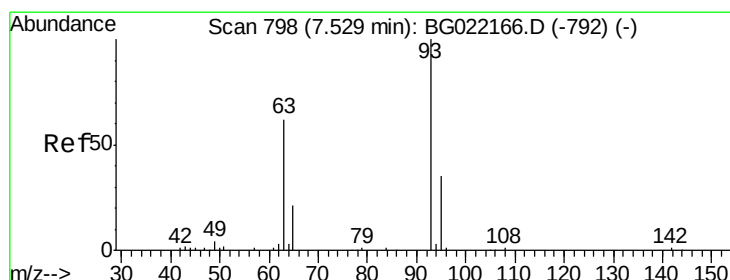
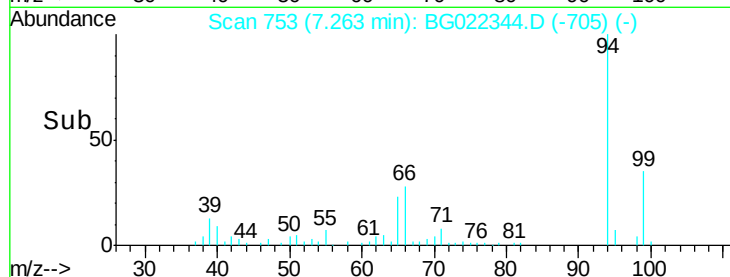
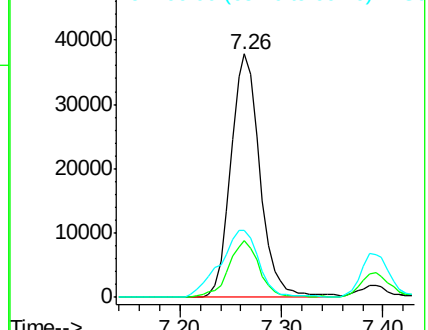


Abundance

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: 34.62 ng

RT: 7.48 min Scan# 790

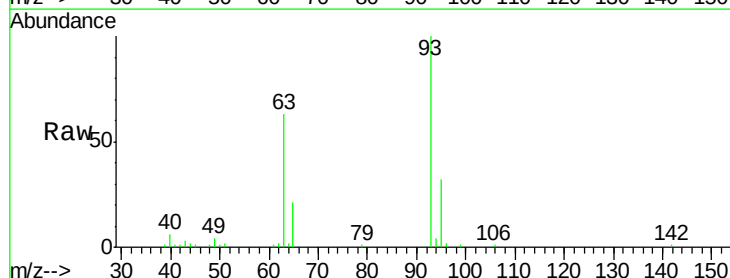
Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Tgt Ion: 93 Resp: 48182

Ion	Ratio	Lower	Upper
93	100		
63	62.9	74.9	114.9#
95	31.9	8.3	48.3

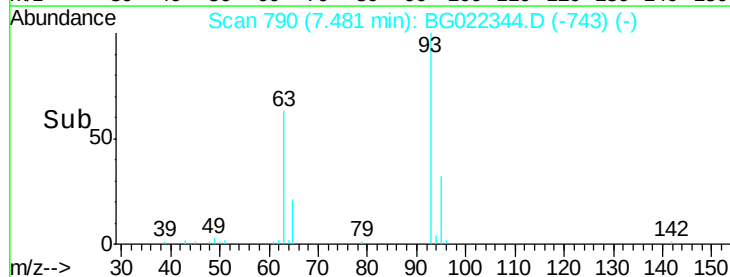
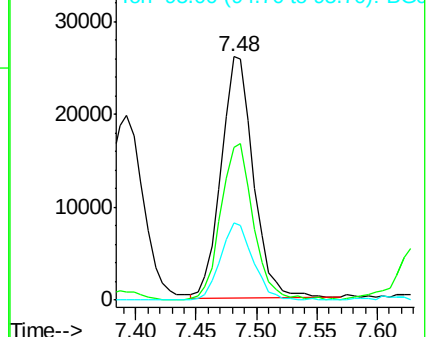


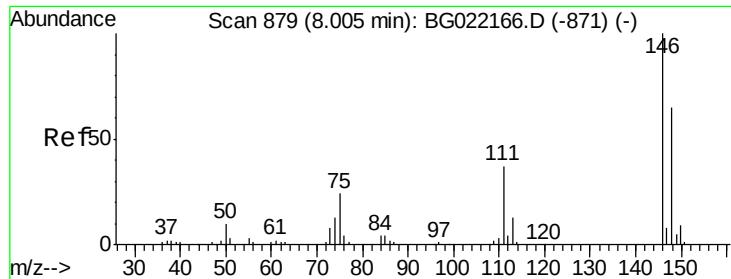
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

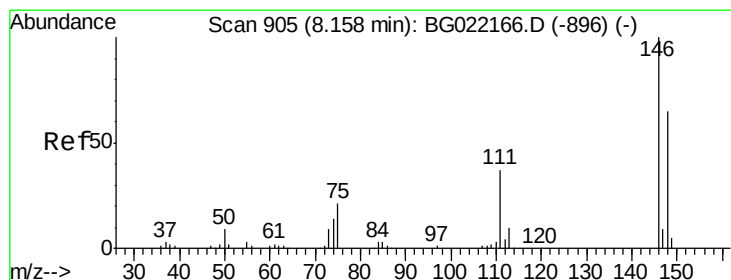
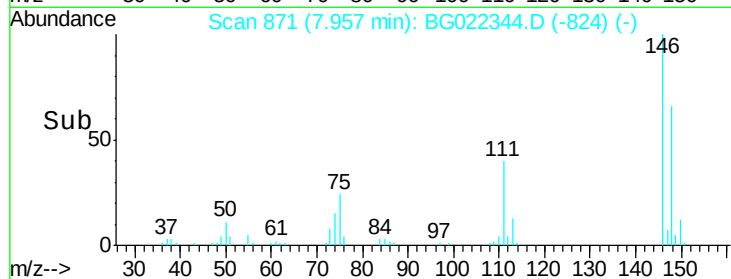
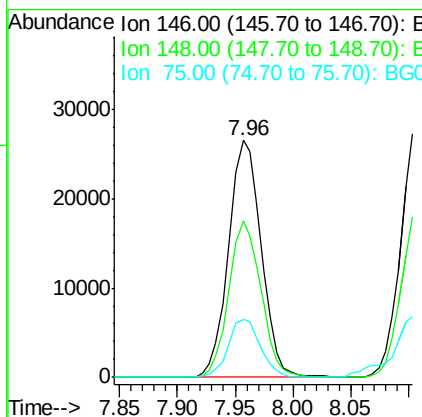
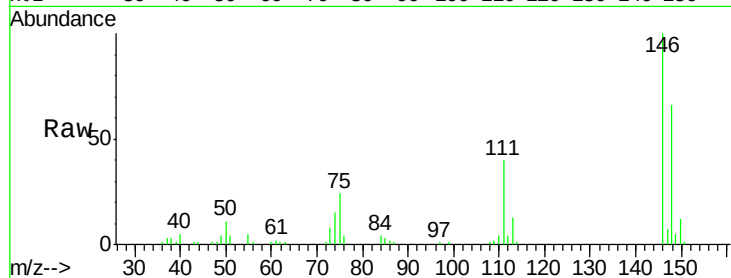




#12
 1,3-Dichlorobenzene
 Concen: 32.71 ng
 RT: 7.96 min Scan# 871
 Delta R.T. -0.02 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

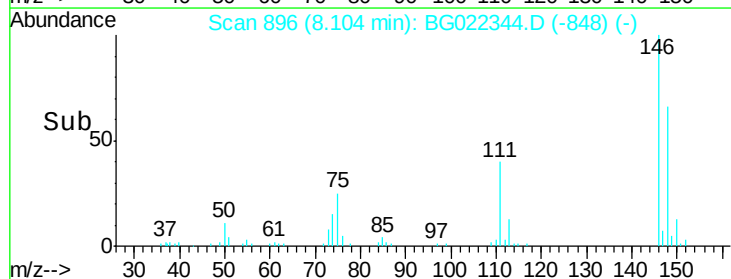
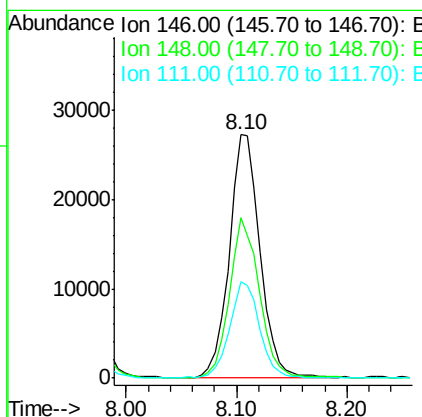
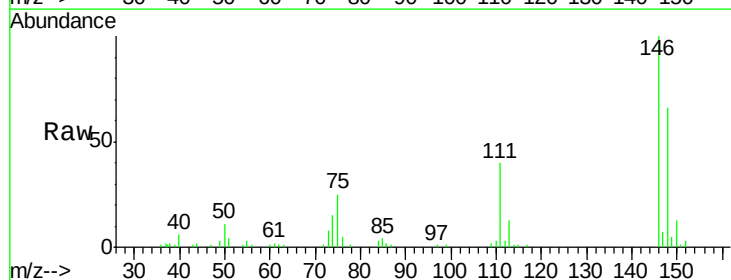
Instrument :
 BNA_G
 ClientSampleID :
 PB91309BS

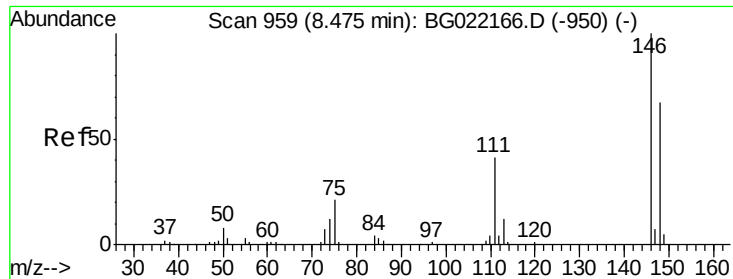
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	53.7	80.5
75	24.4	27.4	41.0



#13
 1,4-Dichlorobenzene
 Concen: 33.53 ng
 RT: 8.10 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	46.7	70.1
111	39.8	33.0	49.6





#14

1,2-Dichlorobenzene

Concen: 33.28 ng

RT: 8.43 min Scan# 951

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

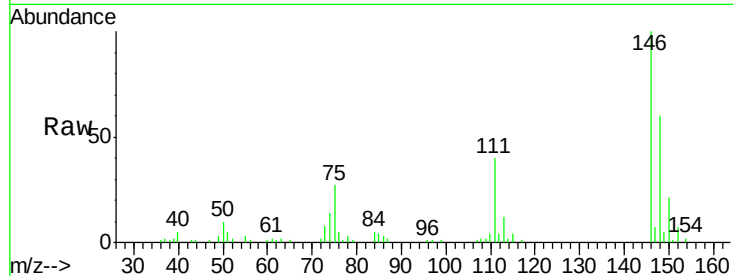
Tot Ion:146 Resp: 53331

Ion Ratio Lower Upper

146 100

148 59.6 52.6 79.0

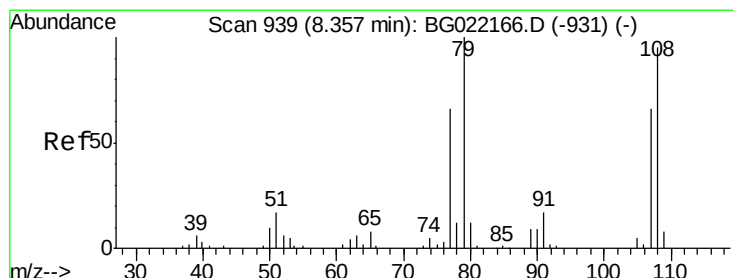
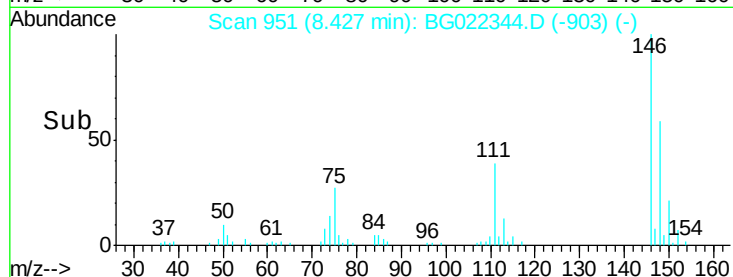
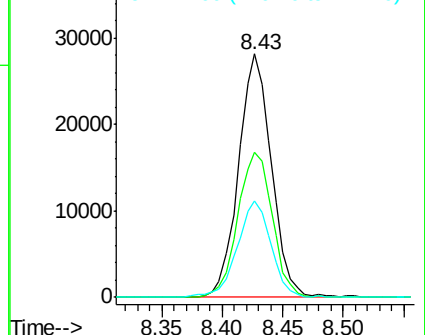
111 39.5 36.1 54.1



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: 39.13 ng

RT: 8.32 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

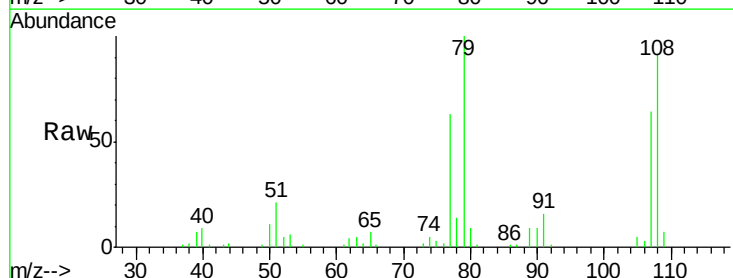
Tgt Ion: 79 Resp: 42810

Ion Ratio Lower Upper

79 100

108 91.1 59.4 89.0#

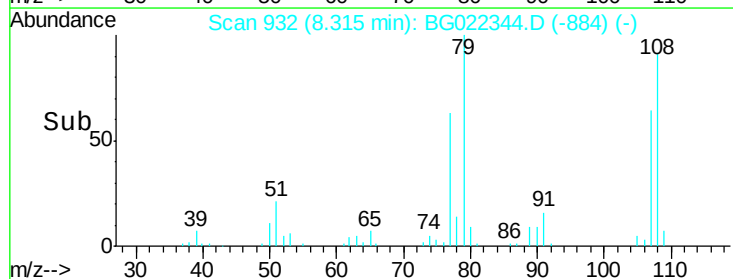
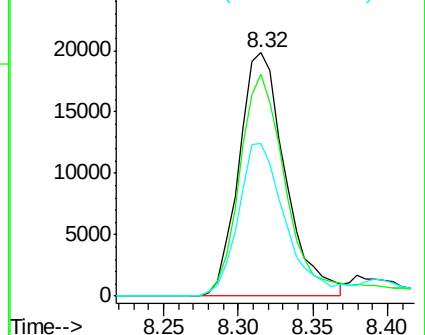
77 62.6 52.2 78.2

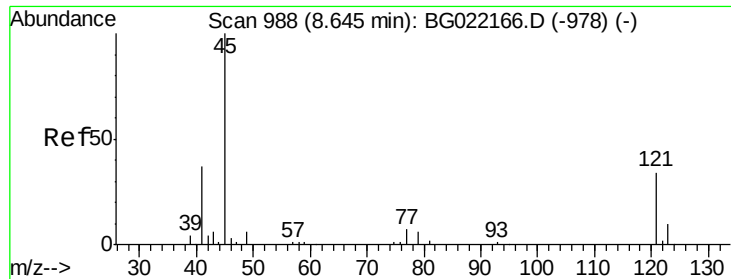


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

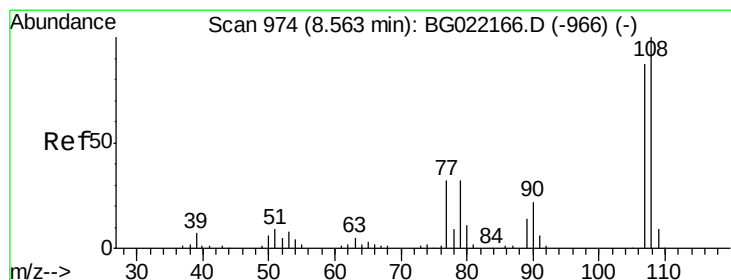
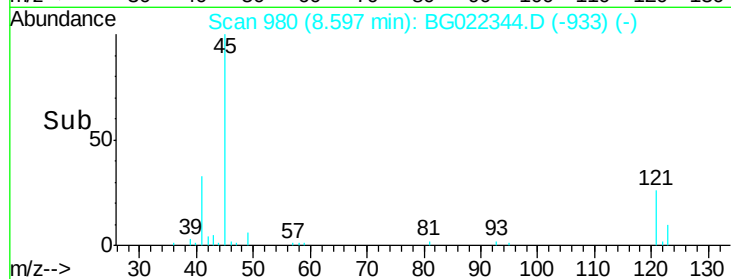
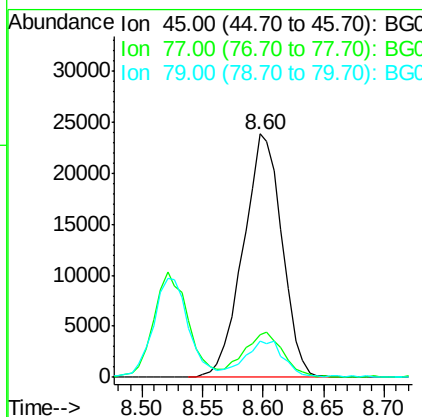
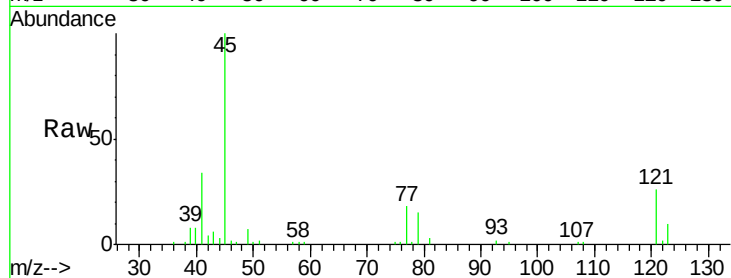




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 36.76 ng
RT: 8.60 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

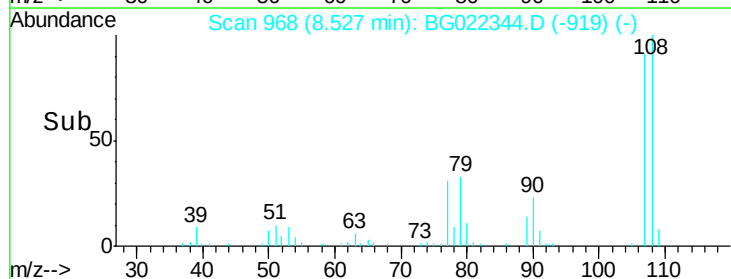
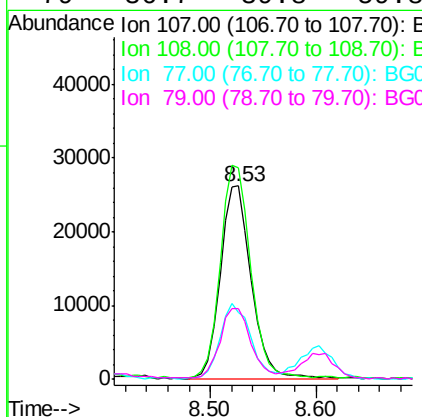
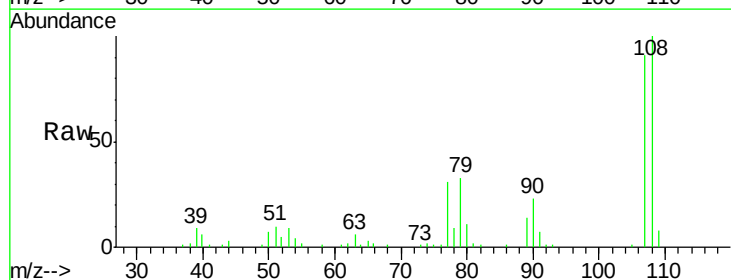
Instrument :
BNA_G
ClientSampleId :
PB91309BS

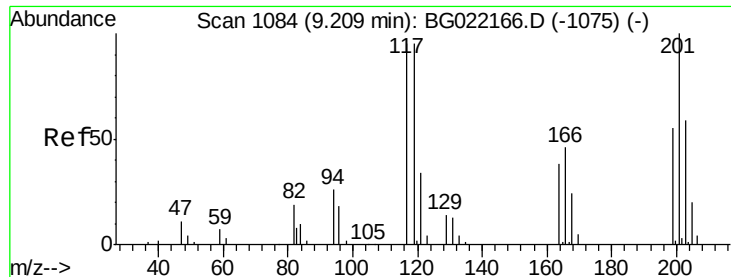
Tot Ion: 45 Resp: 53091
Ion Ratio Lower Upper
45 100
77 17.5 0.0 31.2
79 14.6 0.0 29.0



#17
2-Methylphenol
Concen: 41.08 ng
RT: 8.53 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion: 107 Resp: 53520
Ion Ratio Lower Upper
107 100
108 109.8 80.2 120.4
77 34.2 40.7 61.1#
79 36.7 39.8 59.8#

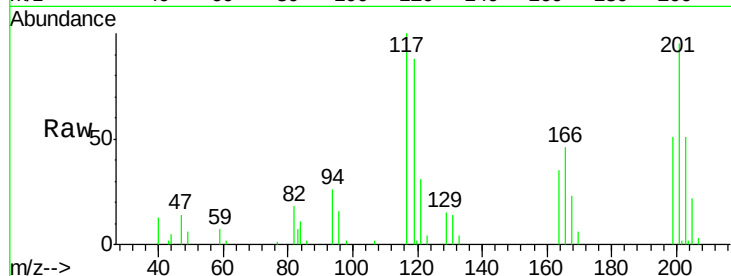




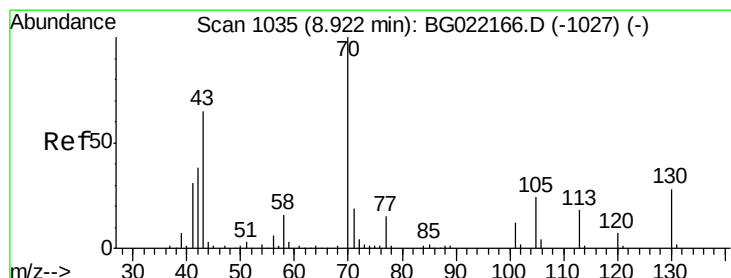
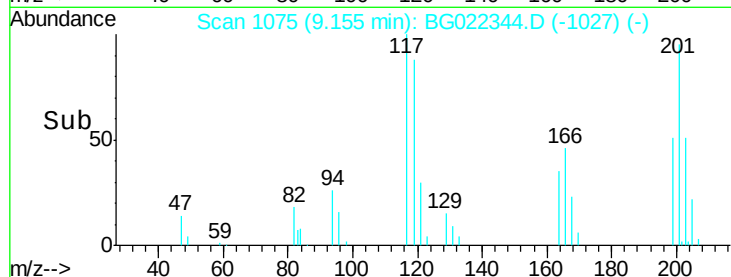
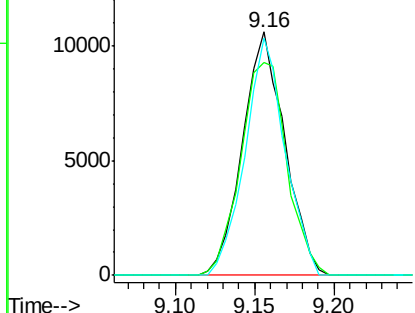
#18
Hexachloroethane
Concen: 33.81 ng
RT: 9.16 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Instrument :
BNA_G
ClientSampleId :
PB91309BS

Tot Ion: 117 Resp: 19624
Ion Ratio Lower Upper
117 100
119 87.6 63.9 95.9
201 97.2 61.2 91.8#

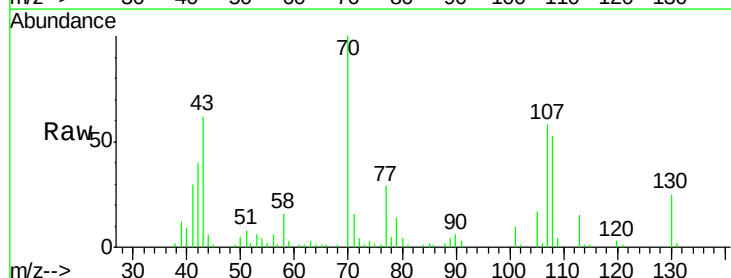


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

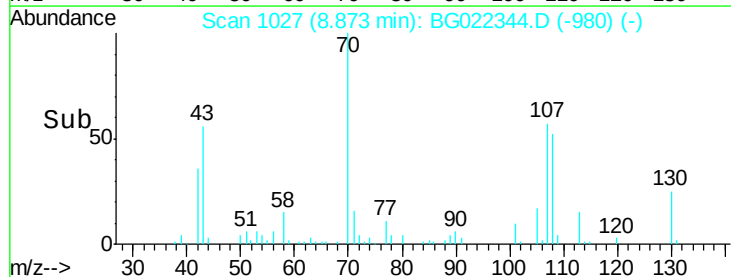
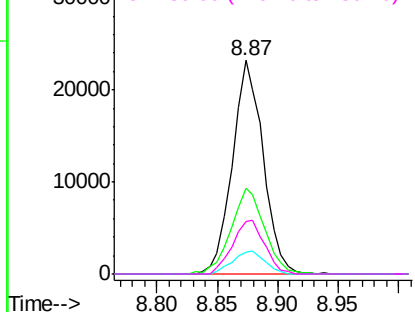


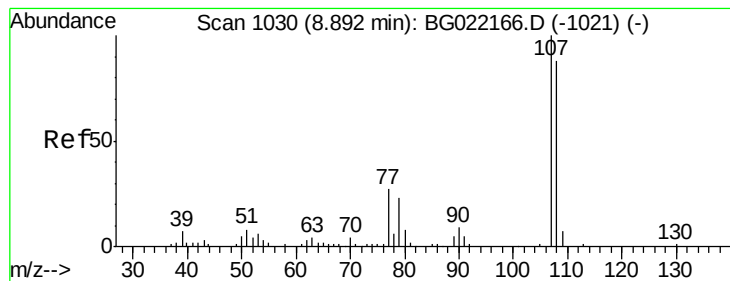
#19
n-Nitroso-di-n-propylamine
Concen: 35.99 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion: 70 Resp: 41247
Ion Ratio Lower Upper
70 100
42 39.9 56.7 85.1#
101 10.3 8.2 12.4
130 24.8 14.0 21.0#



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





#20

3+4-Methylphenols

Concen: 39.41 ng

RT: 8.86 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

Tot Ion:107 Resp: 73643

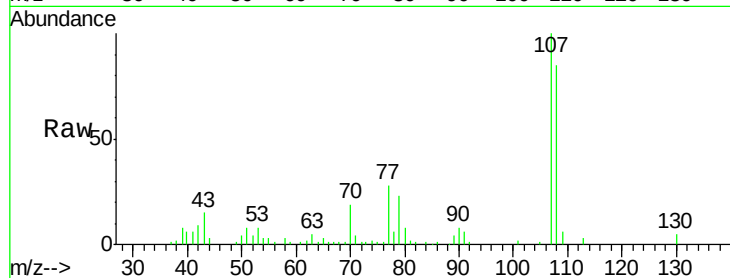
Ion Ratio Lower Upper

107 100

108 85.0 66.2 106.2

77 27.6 11.5 51.5

79 23.5 5.6 45.6

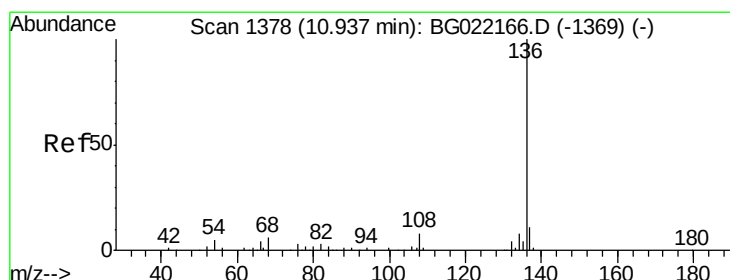
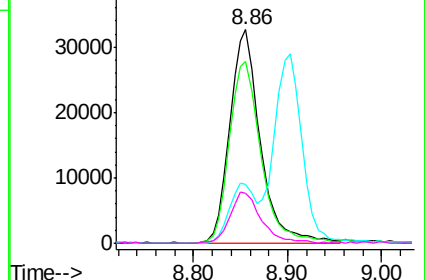
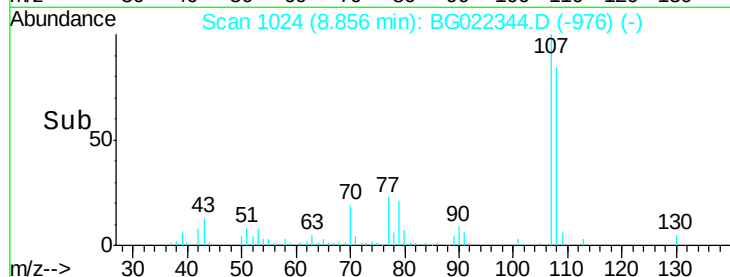


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1370

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Tgt Ion:136 Resp: 112412

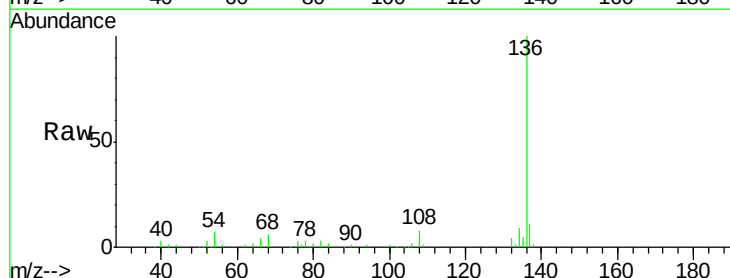
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.5 9.6 14.4#

68 5.7 6.4 9.6#

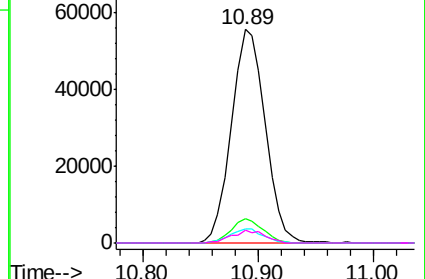
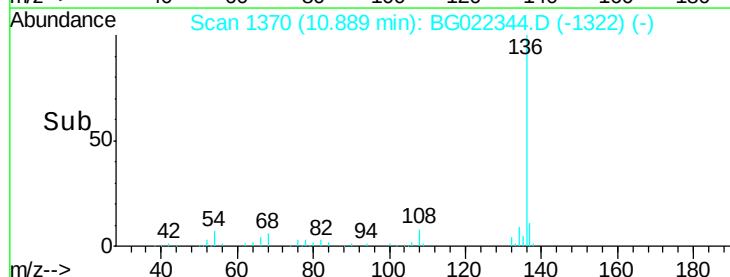


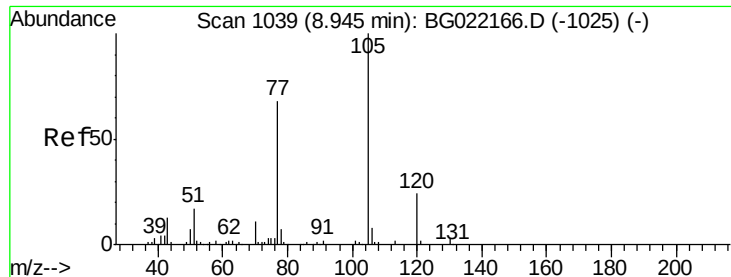
Abundance Ion 136.00 (135.70 to 136.70): E

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

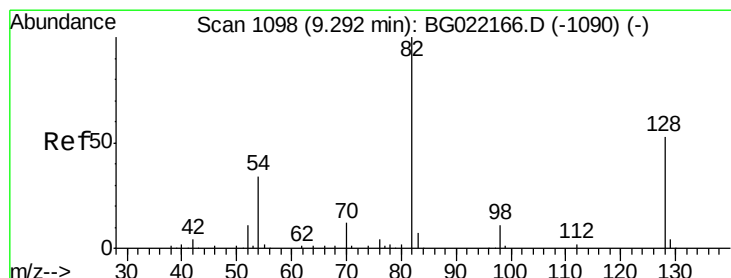
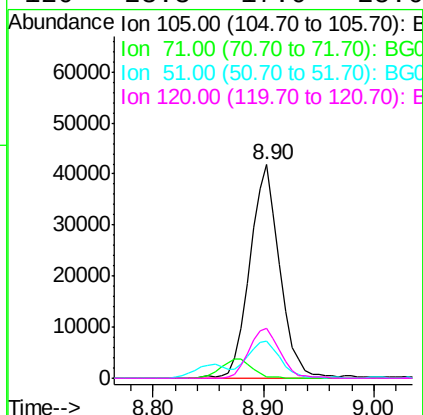
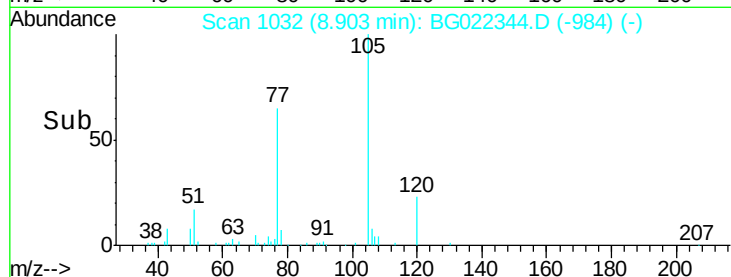
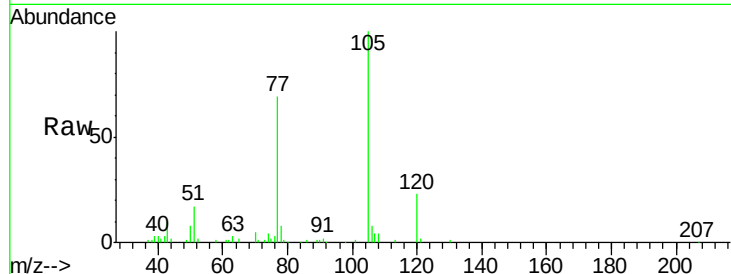




#22
Acetophenone
Concen: 32.83 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

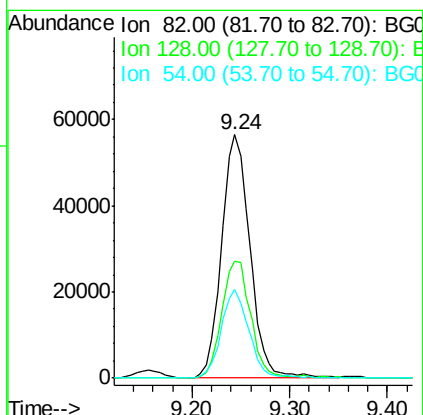
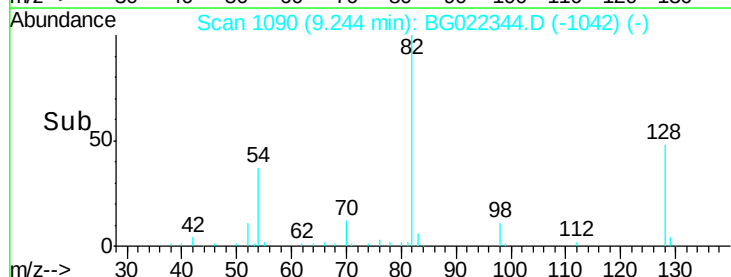
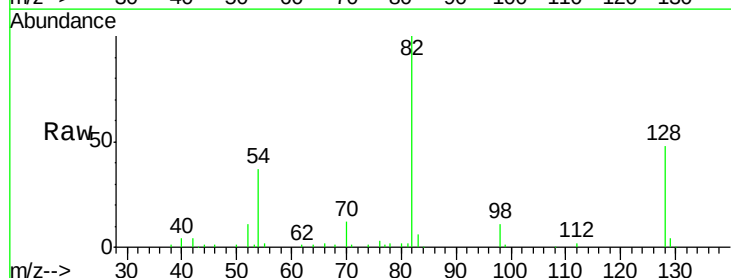
Instrument :
BNA_G
ClientSampleId :
PB91309BS

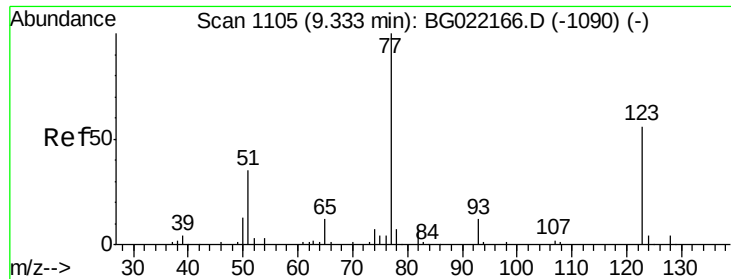
Tot Ion:105 Resp: 79518
Ion Ratio Lower Upper
105 100
71 0.9 0.0 0.0#
51 17.4 25.7 38.5#
120 23.3 17.0 25.6



#23
Nitrobenzene-d5
Concen: 71.00 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion: 82 Resp: 114472
Ion Ratio Lower Upper
82 100
128 48.1 33.4 50.0
54 36.7 46.1 69.1#





#24

Nitrobenzene

Concen: 36.48 ng

RT: 9.28 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

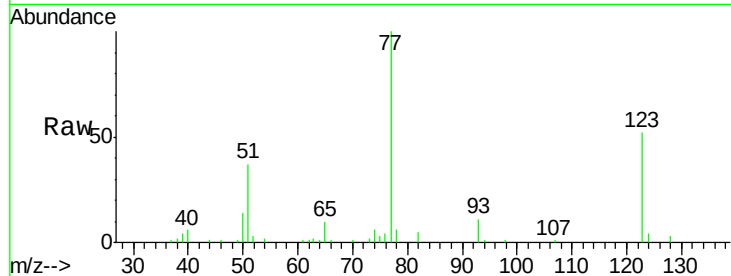
Tot Ion: 77 Resp: 59147

Ion Ratio Lower Upper

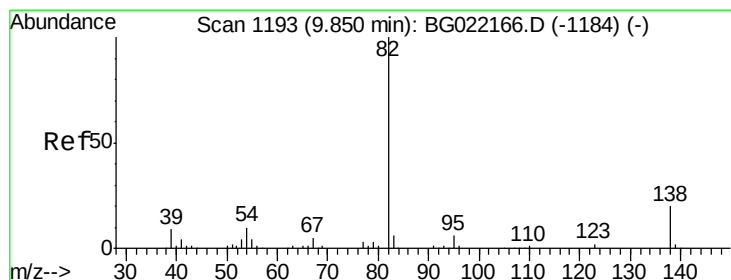
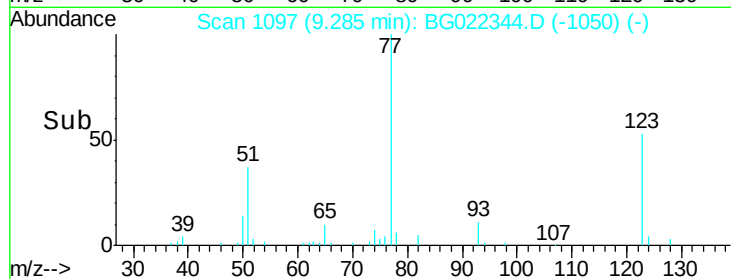
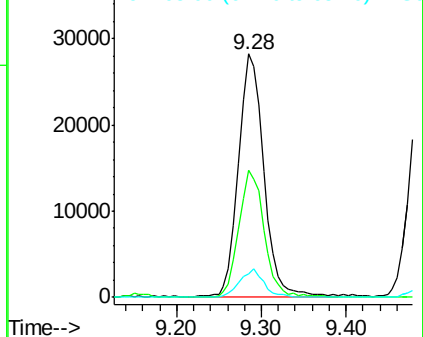
77 100

123 52.3 32.2 48.4#

65 9.8 10.3 15.5#



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



#25

Isophorone

Concen: 33.11 ng

RT: 9.81 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

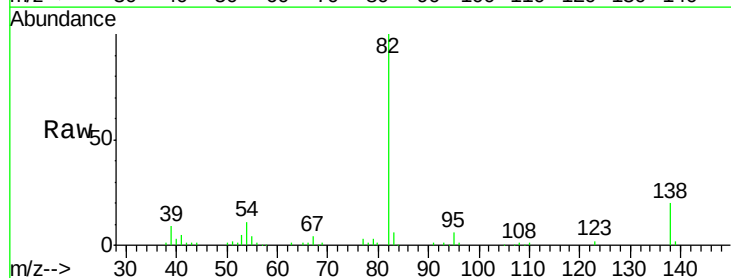
Tgt Ion: 82 Resp: 124888

Ion Ratio Lower Upper

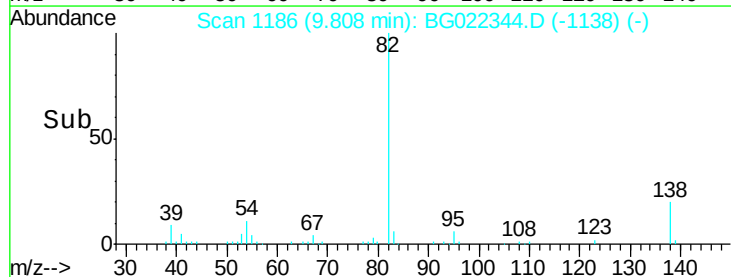
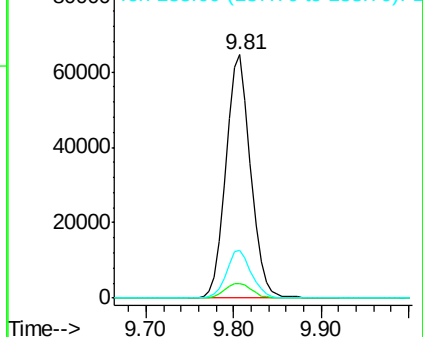
82 100

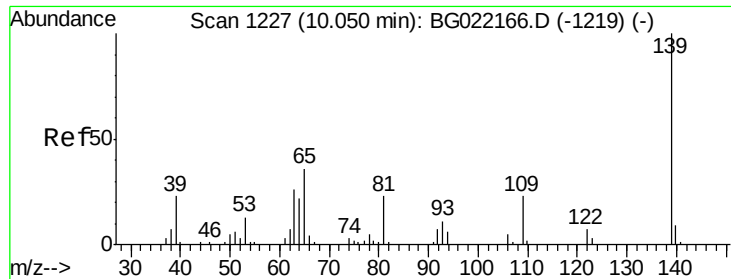
95 6.0 6.0 9.0

138 19.5 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

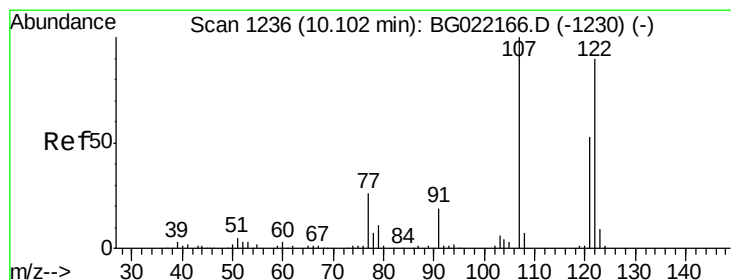
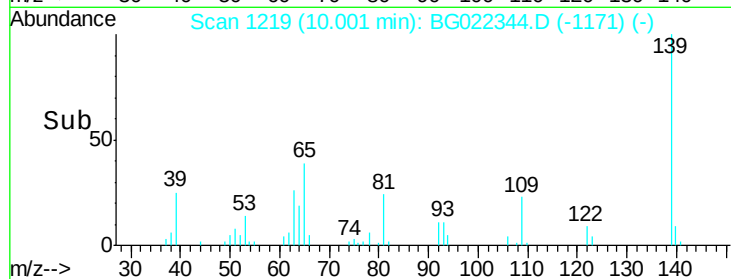
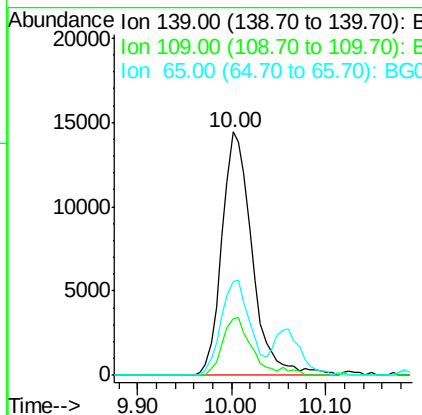
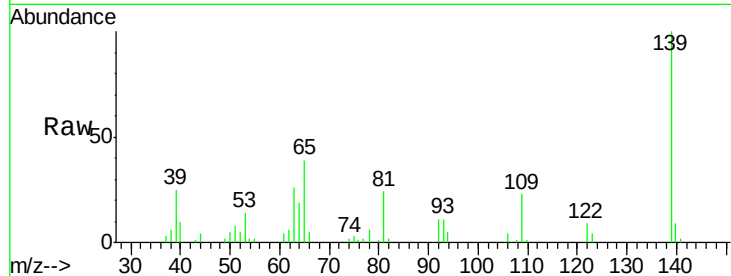




#26
2-Nitrophenol
Concen: 36.89 ng
RT: 10.00 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

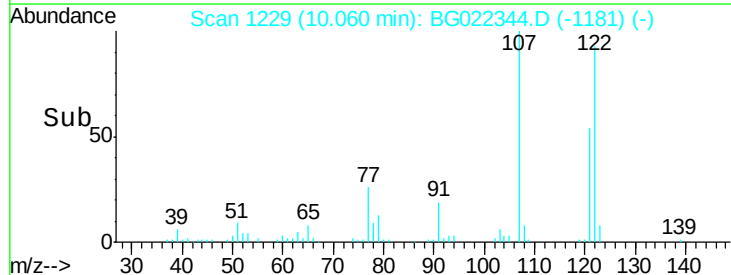
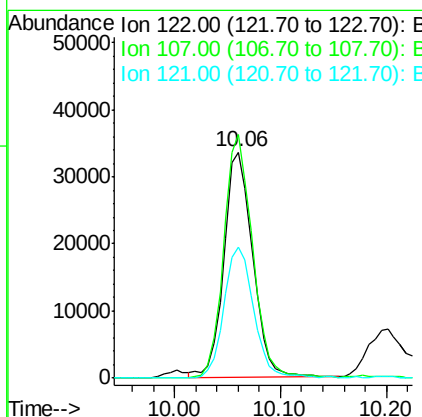
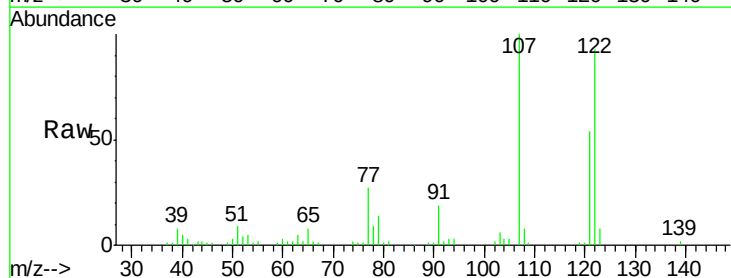
Instrument :
BNA_G
ClientSampleId :
PB91309BS

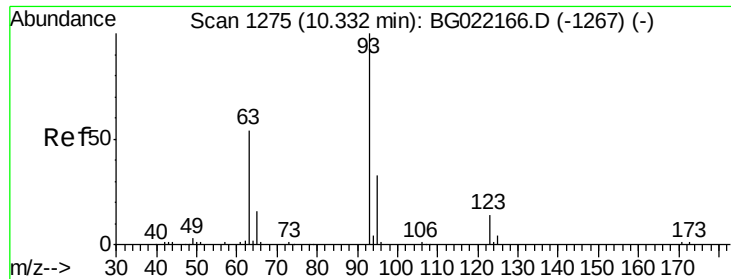
Tot Ion:139 Resp: 32437
Ion Ratio Lower Upper
139 100
109 23.2 26.6 40.0#
65 38.7 45.3 67.9#



#27
2,4-Dimethylphenol
Concen: 39.76 ng
RT: 10.06 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion:122 Resp: 63277
Ion Ratio Lower Upper
122 100
107 107.6 97.2 145.8
121 57.8 49.0 73.4

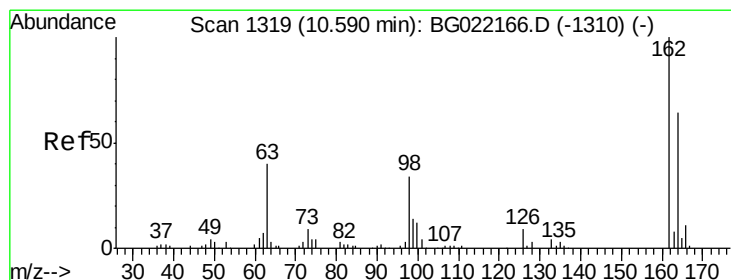
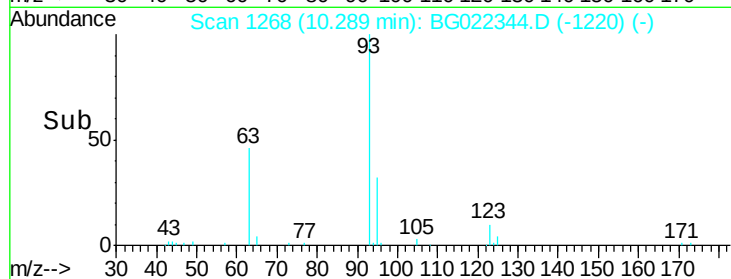
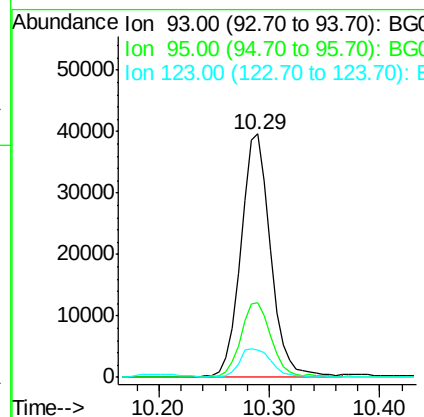
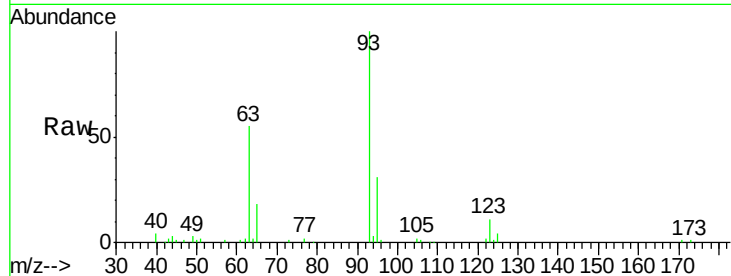




#28
bis(2-Chloroethoxy)methane
Concen: 34.80 ng
RT: 10.29 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

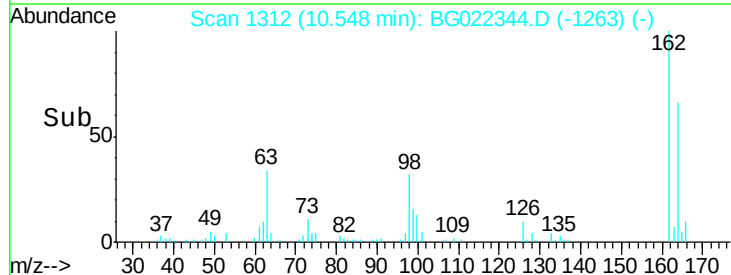
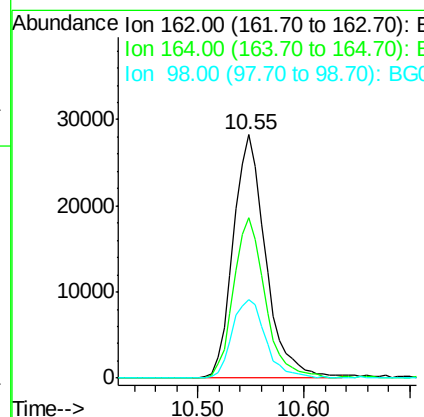
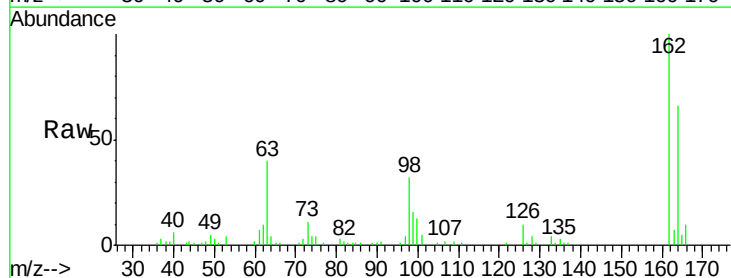
Instrument :
BNA_G
ClientSampleId :
PB91309BS

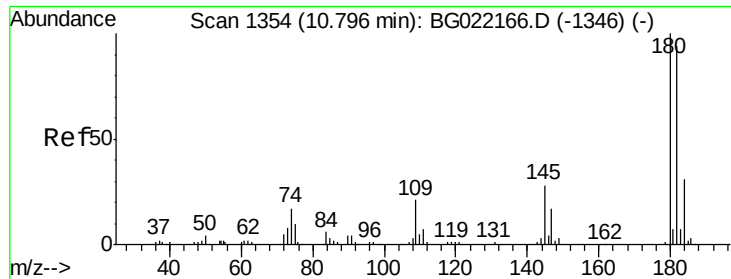
Tot Ion: 93 Resp: 75202
Ion Ratio Lower Upper
93 100
95 30.8 30.1 45.1
123 11.2 10.2 15.4



#29
2,4-Dichlorophenol
Concen: 40.69 ng
RT: 10.55 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion: 162 Resp: 59984
Ion Ratio Lower Upper
162 100
164 66.0 44.9 84.9
98 32.4 19.2 59.2

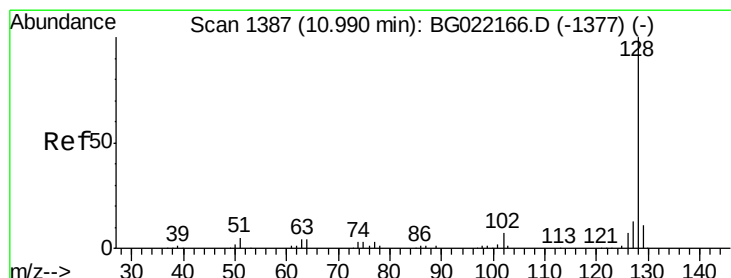
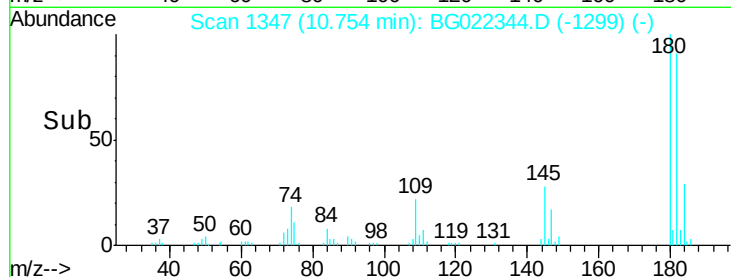
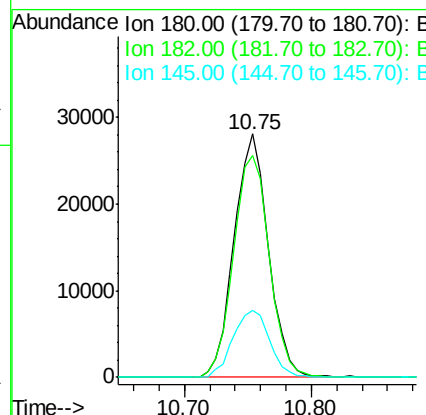
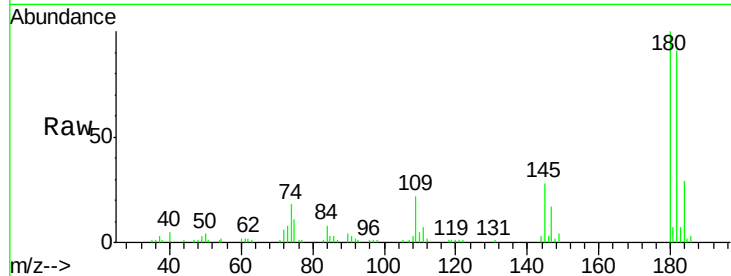




#30
 1,2,4-Trichlorobenzene
 Concen: 31.86 ng
 RT: 10.75 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

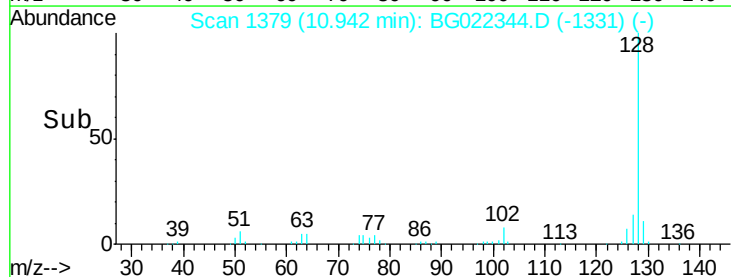
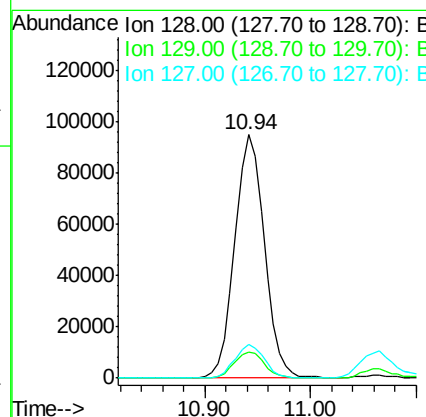
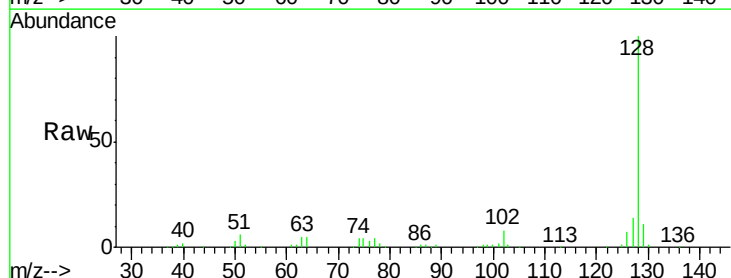
Instrument :
 BNA_G
 ClientSampleId :
 PB91309BS

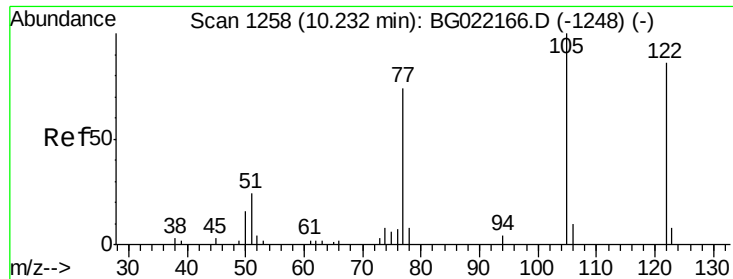
Tot Ion:180 Resp: 52479
 Ion Ratio Lower Upper
 180 100
 182 91.3 82.3 123.5
 145 27.7 24.4 36.6



#31
 Naphthalene
 Concen: 32.89 ng
 RT: 10.94 min Scan# 1379
 Delta R.T. -0.02 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

Tgt Ion:128 Resp: 184574
 Ion Ratio Lower Upper
 128 100
 129 10.9 7.0 10.6#
 127 13.7 10.1 15.1

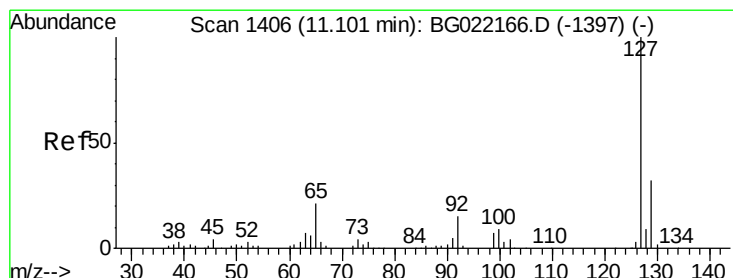
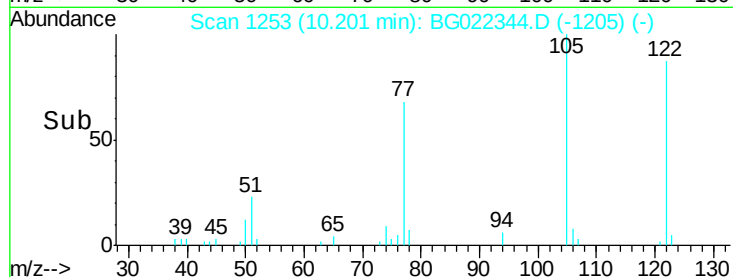
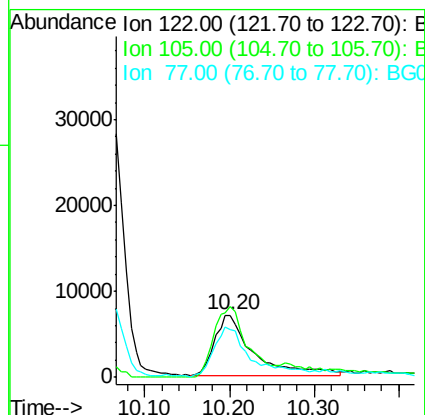
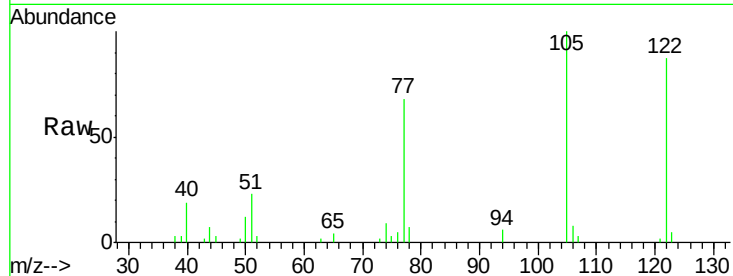




#32
Benzoic acid
Concen: 43.82 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

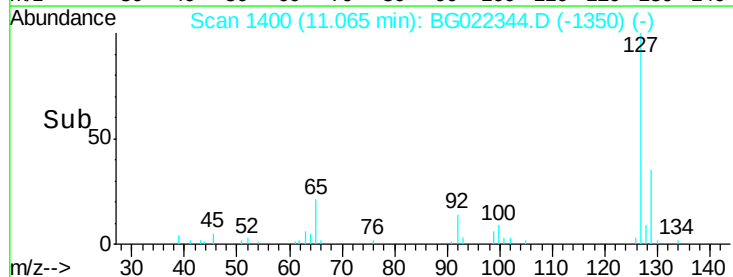
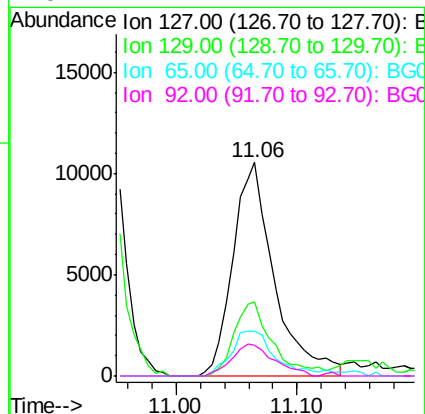
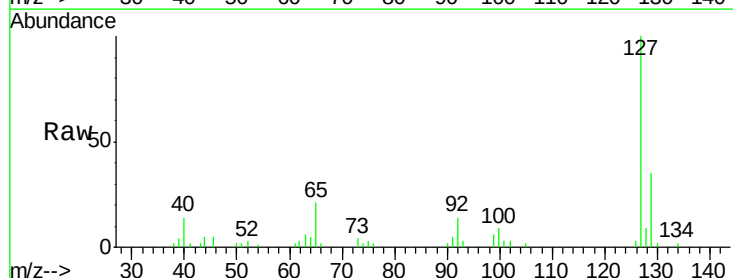
Instrument :
BNA_G
ClientSampleId :
PB91309BS

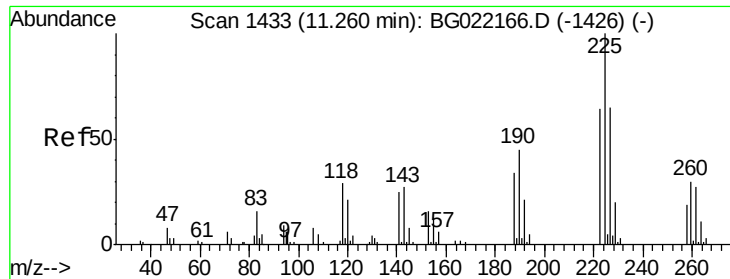
Tot Ion:122 Resp: 22884
Ion Ratio Lower Upper
122 100
105 114.8 104.5 144.5
77 77.8 79.9 119.9#



#33
4-Chloroaniline
Concen: 10.82 ng
RT: 11.06 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion:127 Resp: 25236
Ion Ratio Lower Upper
127 100
129 34.7 26.6 39.8
65 20.8 27.5 41.3#
92 14.4 14.7 22.1#





#34

Hexachlorobutadiene

Concen: 30.79 ng

RT: 11.21 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

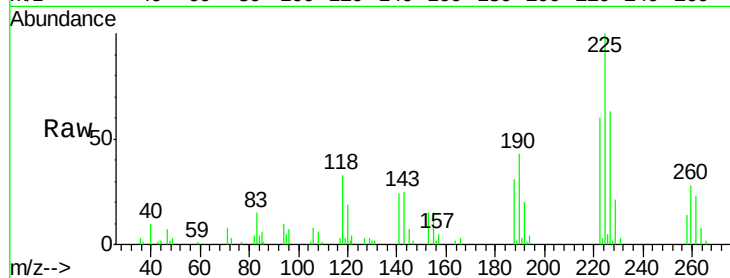
Tot Ion:225 Resp: 27234

Ion Ratio Lower Upper

225 100

223 57.7 52.7 79.1

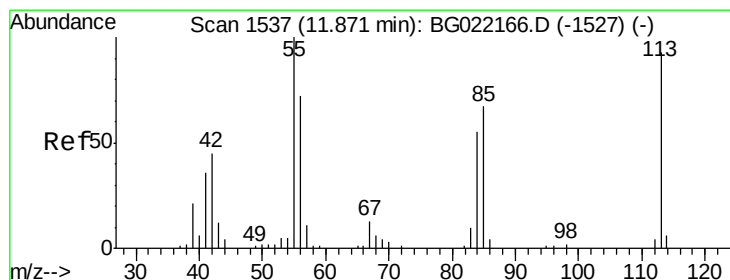
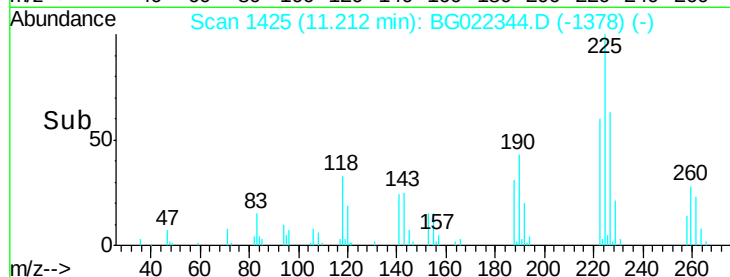
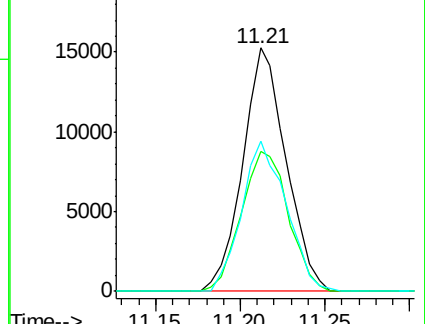
227 61.6 49.7 74.5



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: 39.12 ng m

RT: 11.82 min Scan# 1529

Delta R.T. -0.04 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

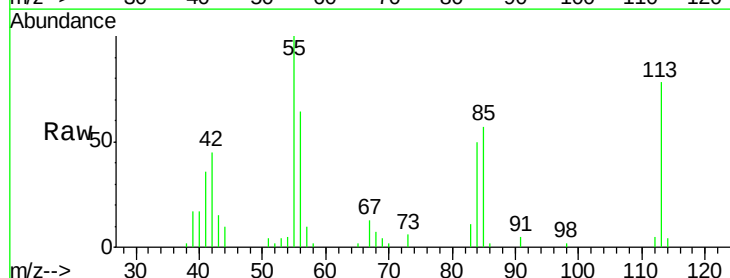
Tgt Ion:113 Resp: 31640

Ion Ratio Lower Upper

113 100

55 128.7 194.2 234.2#

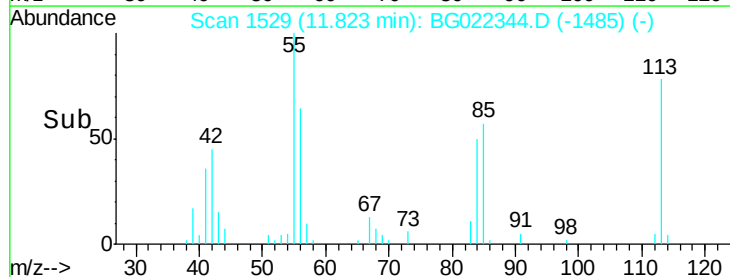
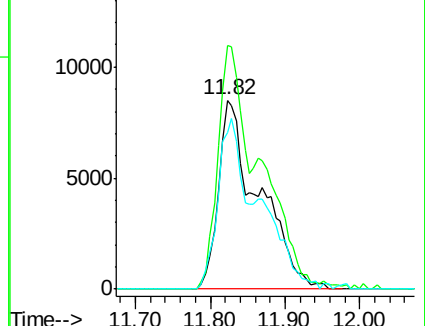
56 82.8 122.6 162.6#

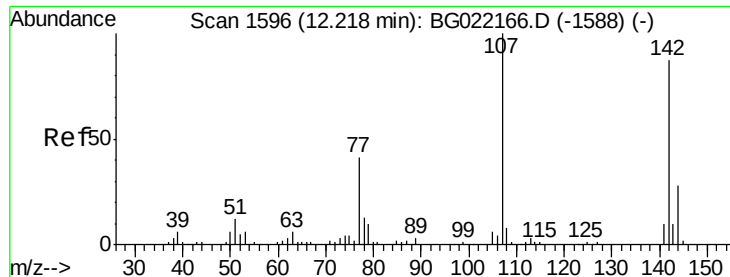


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

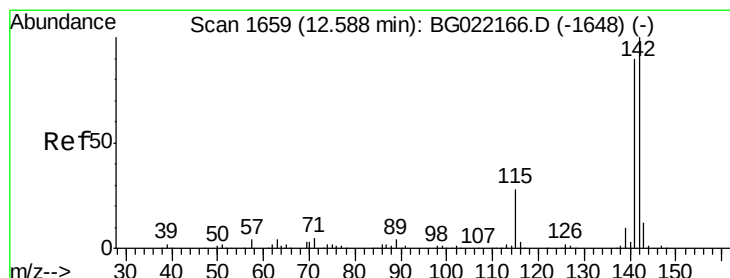
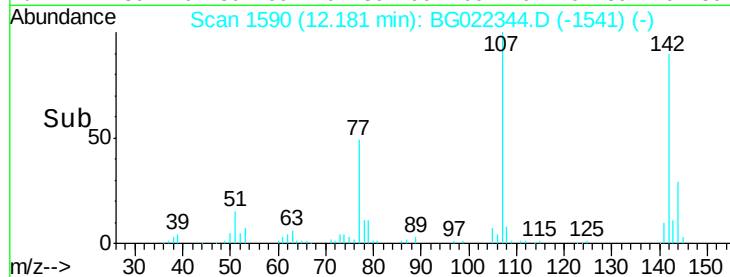
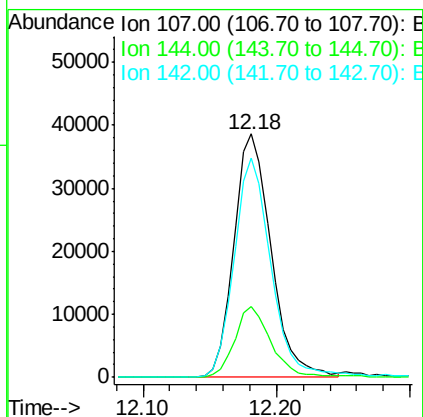
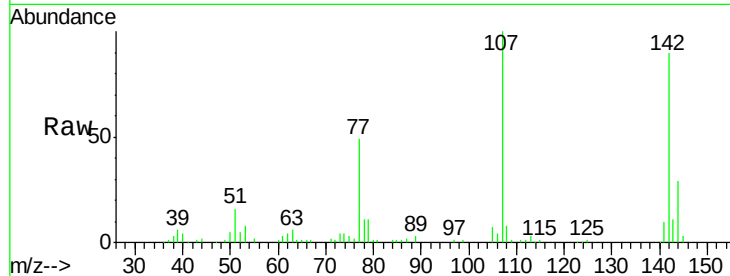




#36
 4-Chloro-3-methylphenol
 Concen: 42.79 ng
 RT: 12.18 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

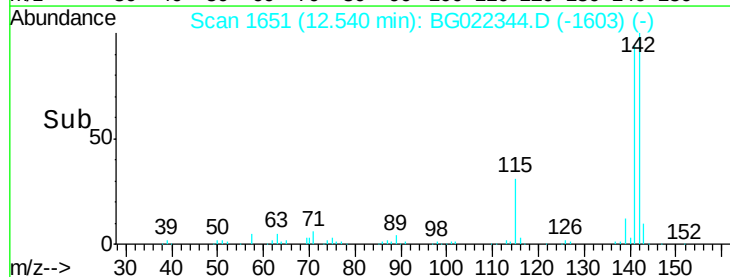
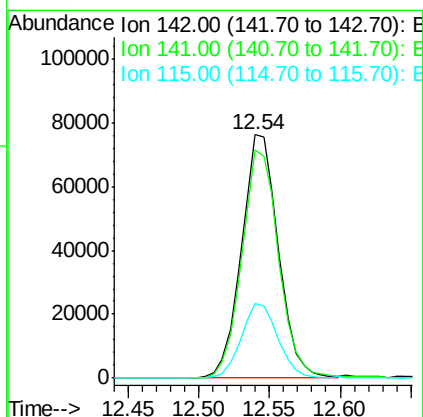
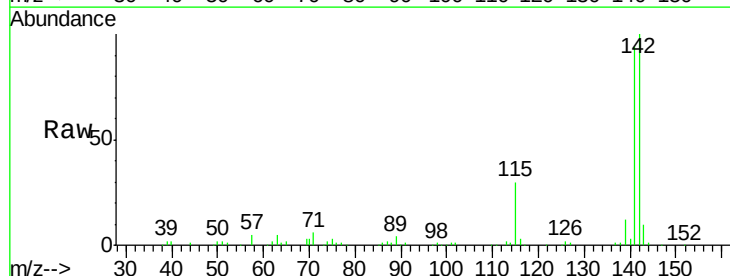
Instrument :
 BNA_G
 ClientSampleId :
 PB91309BS

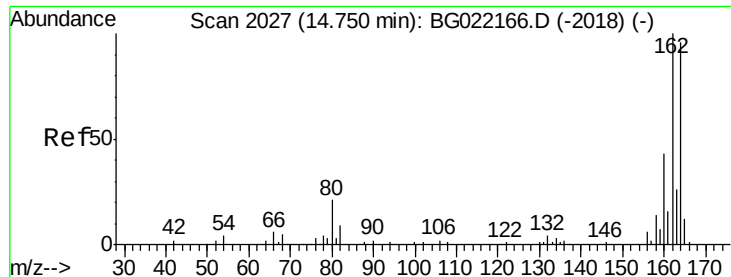
Tot Ion:107 Resp: 74775
 Ion Ratio Lower Upper
 107 100
 144 29.0 19.2 28.8#
 142 90.3 59.1 88.7#



#37
 2-Methylnaphthalene
 Concen: 33.68 ng
 RT: 12.54 min Scan# 1651
 Delta R.T. -0.02 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

Tgt Ion:142 Resp: 139504
 Ion Ratio Lower Upper
 142 100
 141 93.6 71.4 107.0
 115 30.5 27.4 41.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

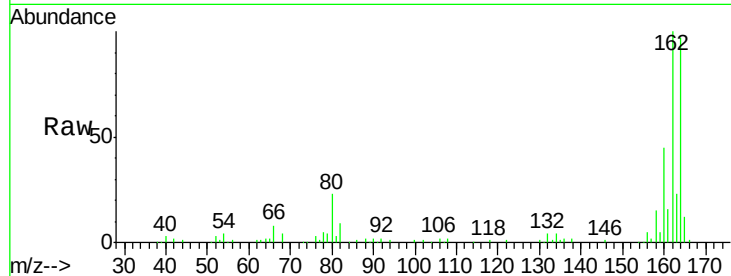
Tot Ion:164 Resp: 77972

Ion Ratio Lower Upper

164 100

162 102.7 78.0 117.0

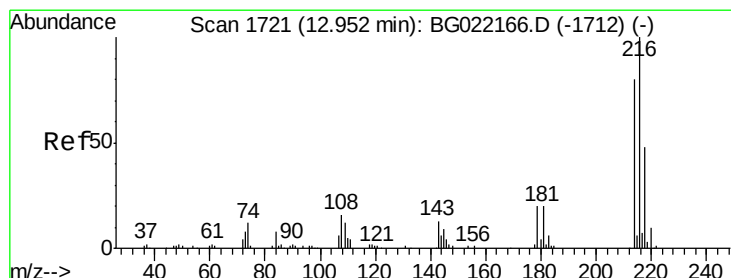
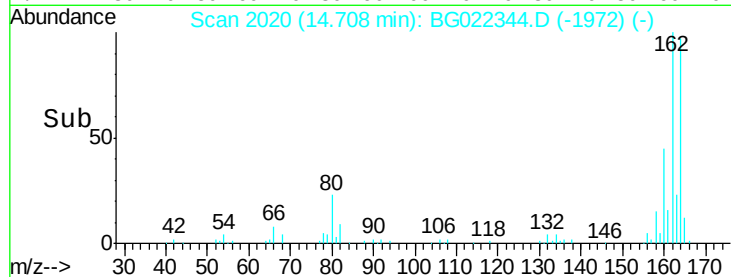
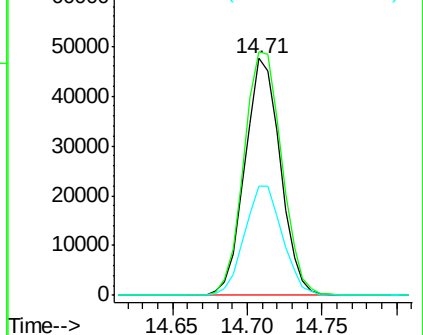
160 46.1 32.9 49.3



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.04 ng

RT: 12.91 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Tgt Ion:216 Resp: 60290

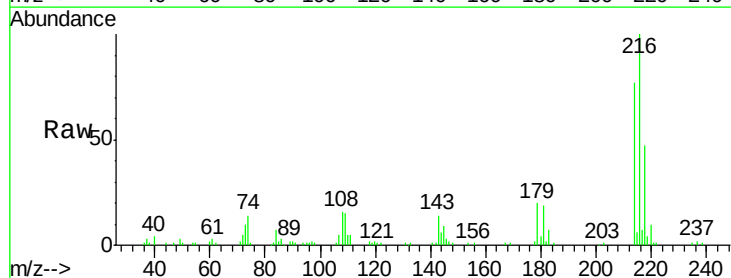
Ion Ratio Lower Upper

216 100

214 77.0 62.2 93.2

179 21.5 16.7 25.1

108 19.3 14.0 21.0

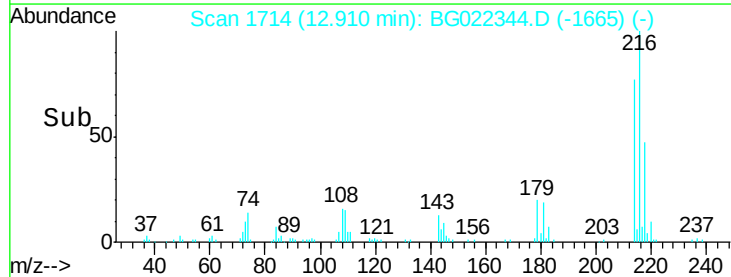
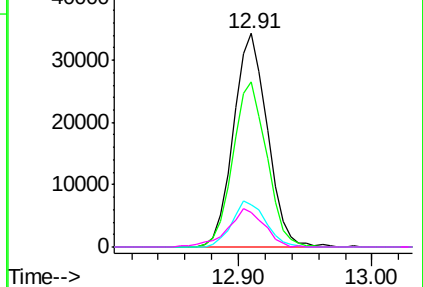


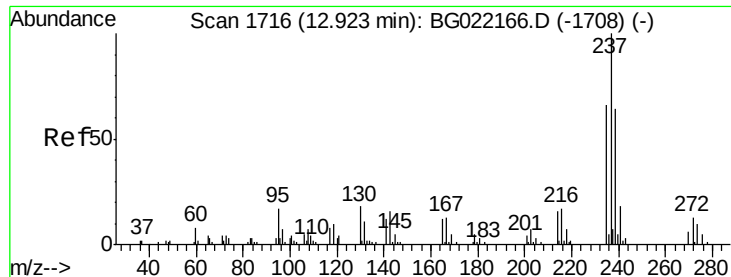
Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.51 ng

RT: 12.88 min Scan# 1709

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

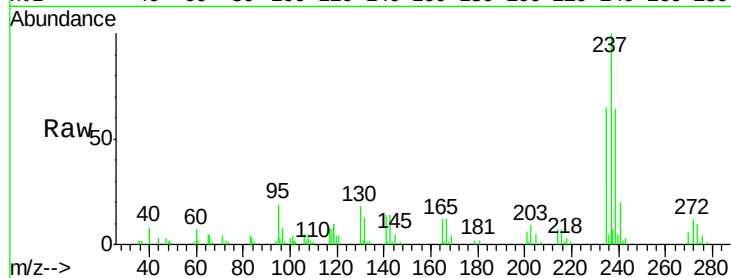
Tot Ion:237 Resp: 33208

Ion	Ratio	Lower	Upper
237	100		
235	65.5	43.2	83.2
272	11.8	0.0	33.4

237 100

235 65.5 43.2 83.2

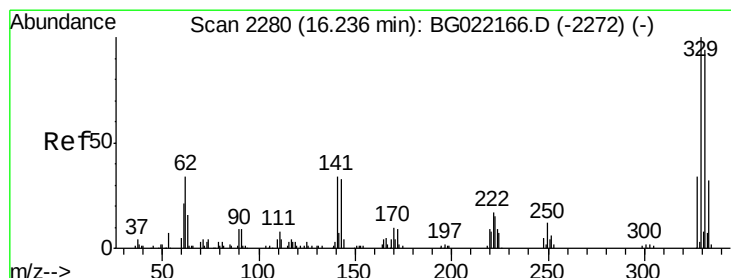
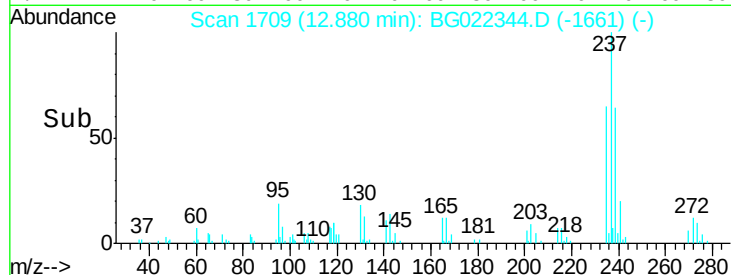
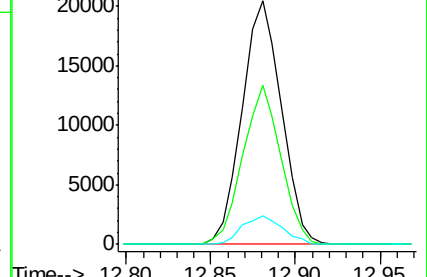
272 11.8 0.0 33.4



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: 108.67 ng

RT: 16.20 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

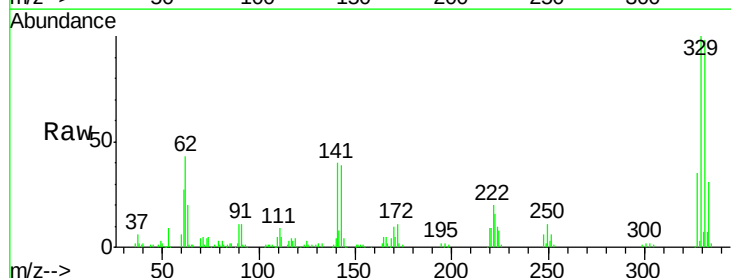
Tgt Ion:330 Resp: 95739

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.0	117.0
141	40.1	33.8	50.8

330 100

332 97.0 78.0 117.0

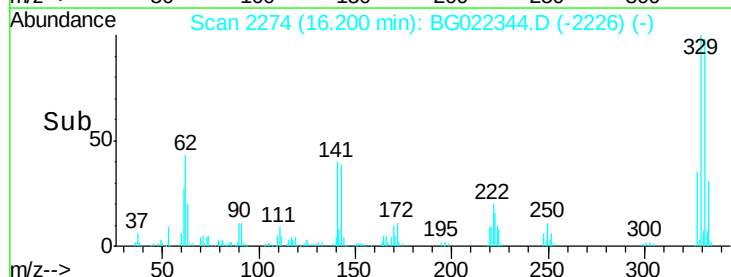
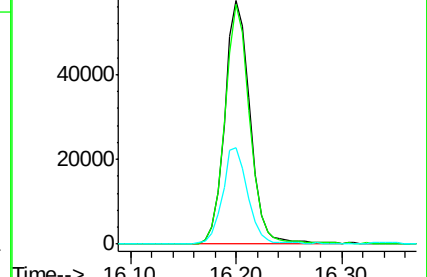
141 40.1 33.8 50.8

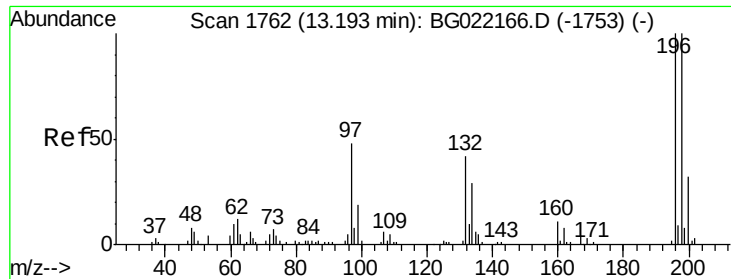


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

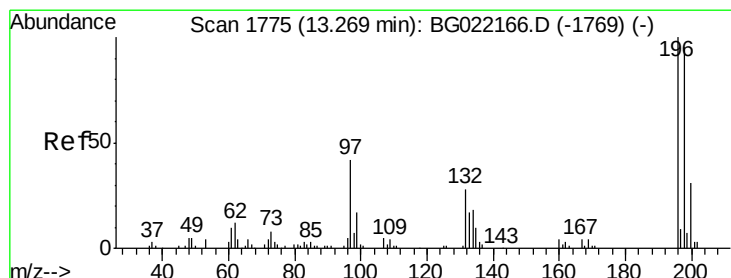
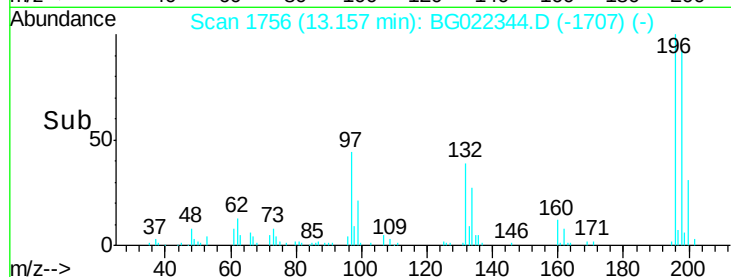
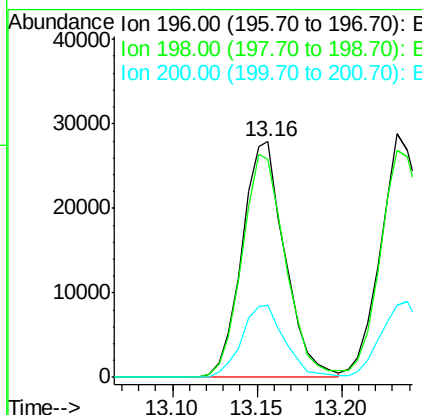
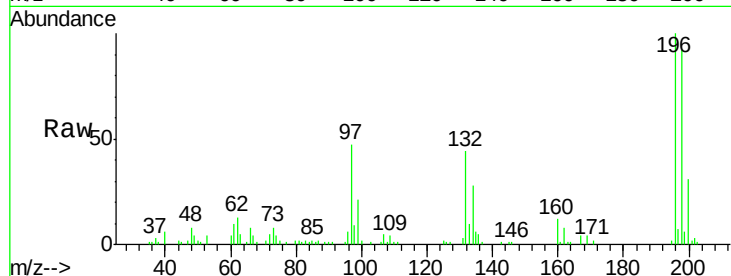




#42
 2,4,6-Trichlorophenol
 Concen: 36.57 ng
 RT: 13.16 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

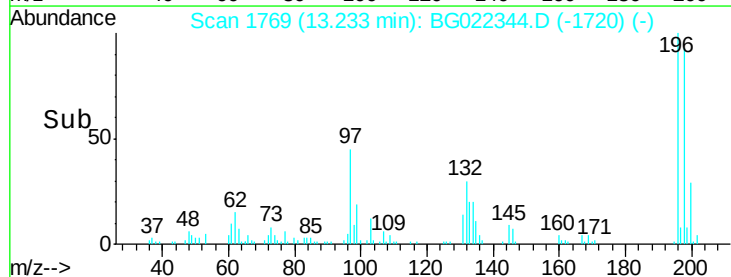
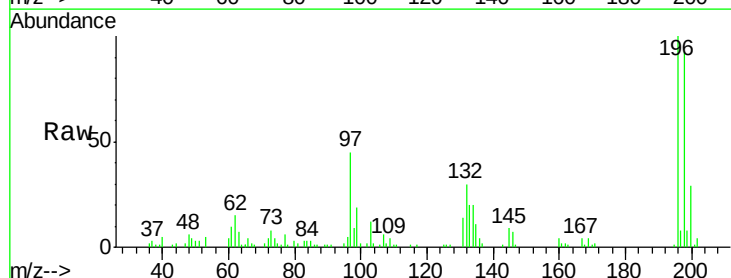
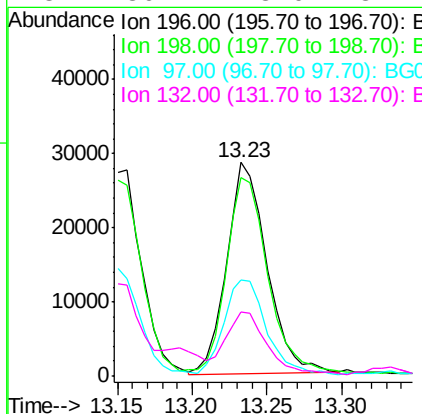
Instrument :
 BNA_G
 ClientSampleId :
 PB91309BS

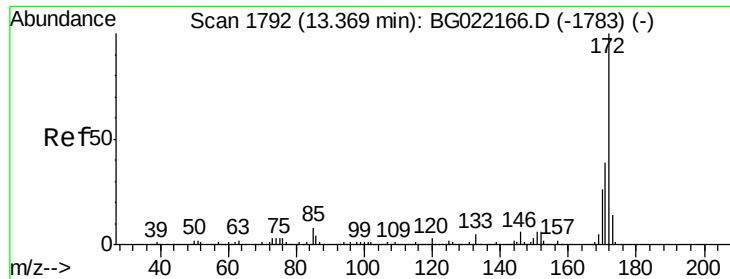
Tot Ion:196 Resp: 49235
 Ion Ratio Lower Upper
 196 100
 198 92.3 80.1 120.1
 200 30.6 24.1 36.1



#43
 2,4,5-Trichlorophenol
 Concen: 35.89 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

Tgt Ion:196 Resp: 53392
 Ion Ratio Lower Upper
 196 100
 198 93.1 78.0 117.0
 97 44.8 43.0 64.6
 132 30.1 23.0 34.4

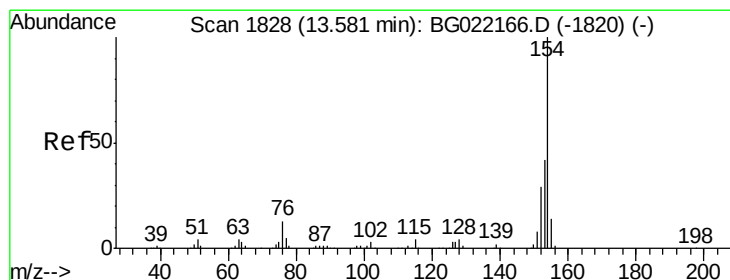
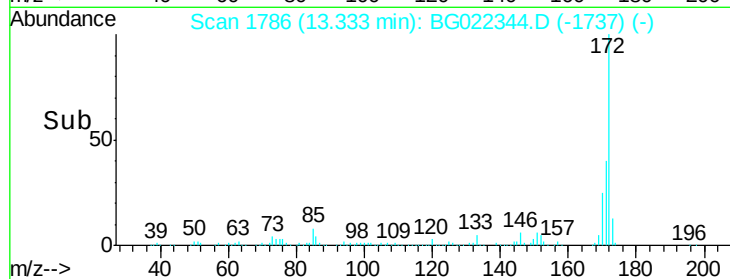
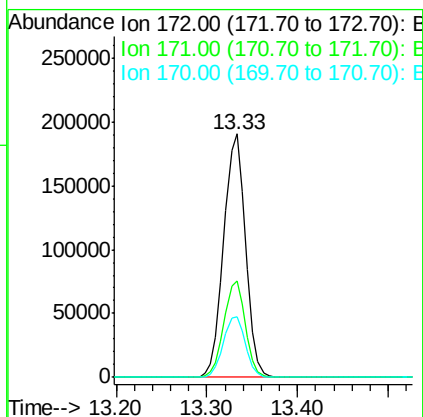
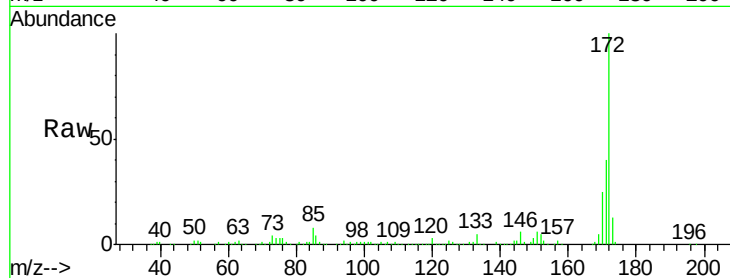




#44
2-Fluorobiphenyl
Concen: 62.39 ng
RT: 13.33 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

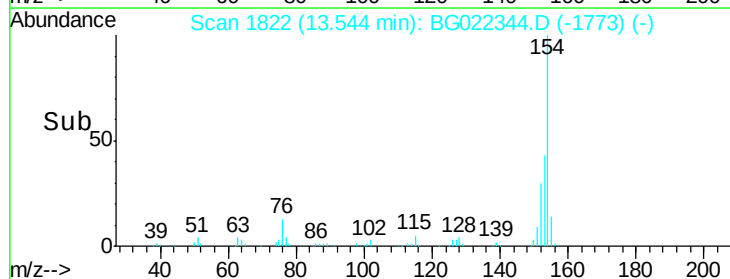
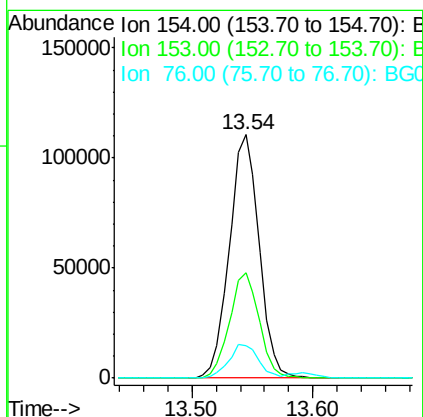
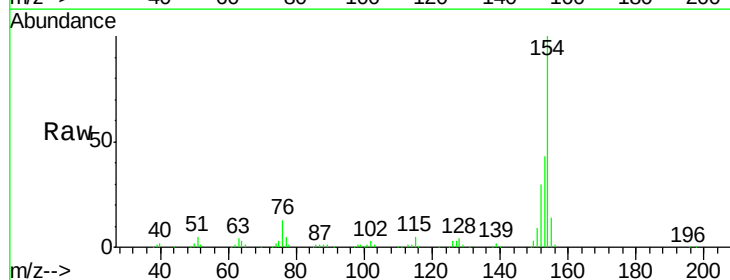
Instrument :
BNA_G
ClientSampleId :
PB91309BS

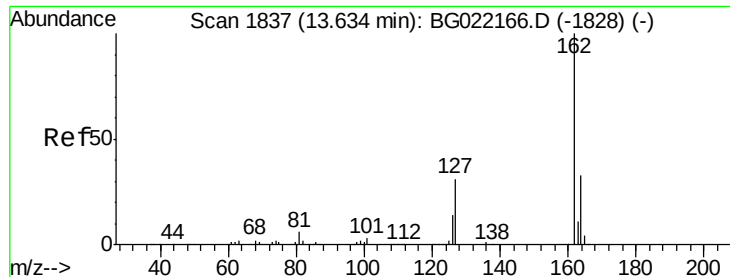
Tot Ion:172 Resp: 319194
Ion Ratio Lower Upper
172 100
171 39.6 27.8 41.6
170 25.1 19.6 29.4



#45
1,1'-Biphenyl
Concen: 32.31 ng
RT: 13.54 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion:154 Resp: 189579
Ion Ratio Lower Upper
154 100
153 43.1 19.7 59.7
76 13.2 0.0 33.0

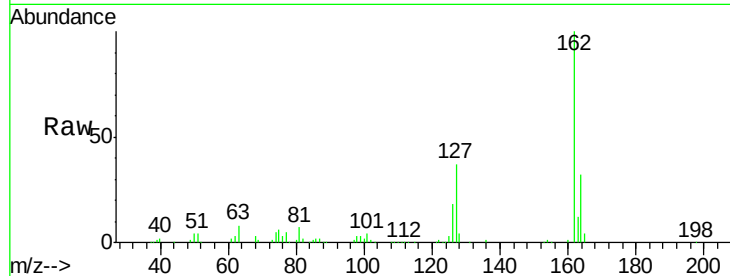




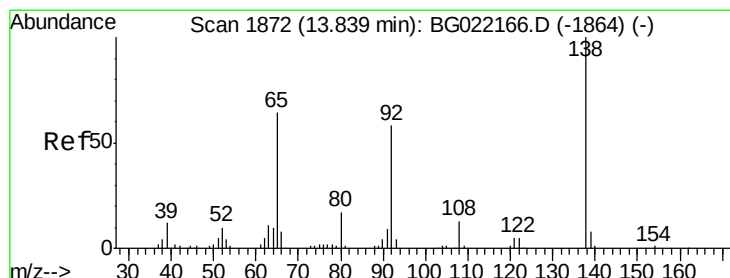
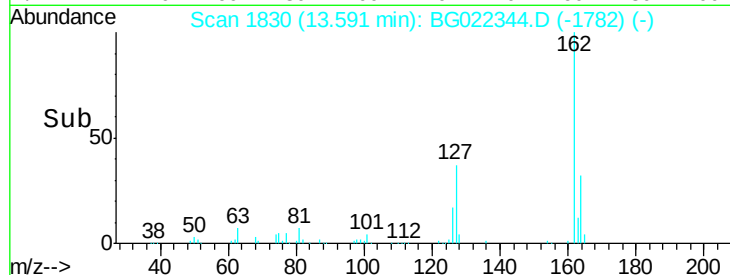
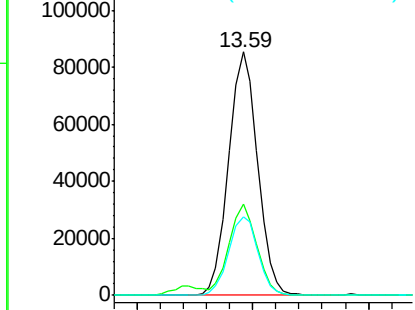
#46
 2-Chloronaphthalene
 Concen: 33.03 ng
 RT: 13.59 min Scan# 1830
 Delta R.T. -0.02 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91309BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	32.0	48.0
164	32.4	27.0	40.4

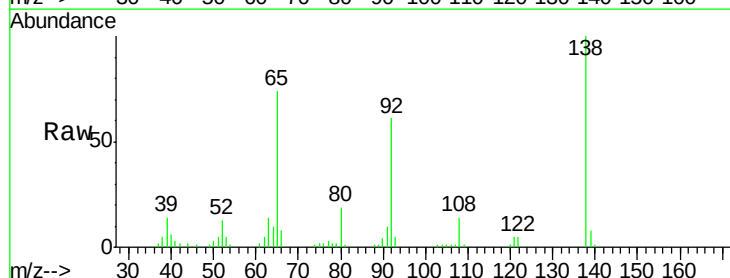


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

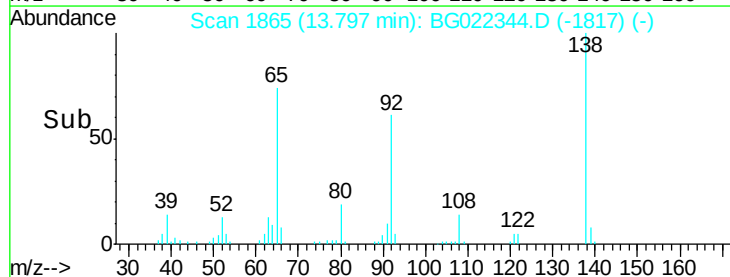
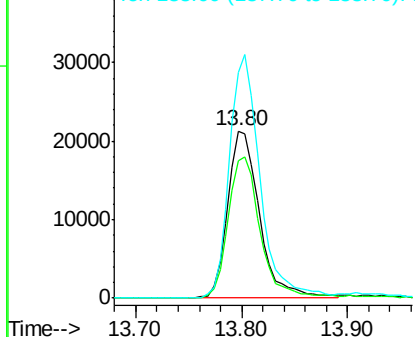


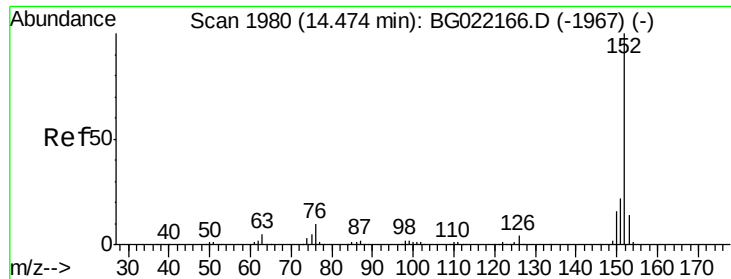
#47
 2-Nitroaniline
 Concen: 41.28 ng
 RT: 13.80 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	82.0	49.2	73.8#
138	135.2	75.0	112.6#



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





#48

Acenaphthylene

Concen: 33.75 ng

RT: 14.44 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

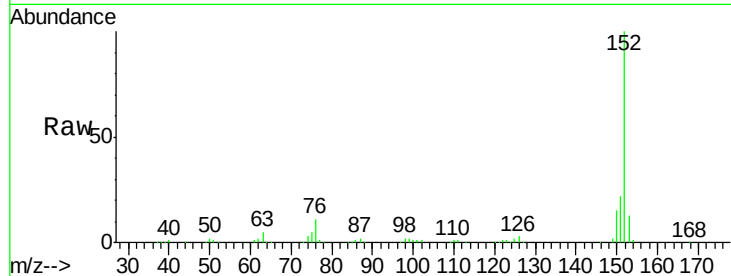
Tot Ion:152 Resp: 266356

Ion Ratio Lower Upper

152 100

151 21.7 16.6 24.8

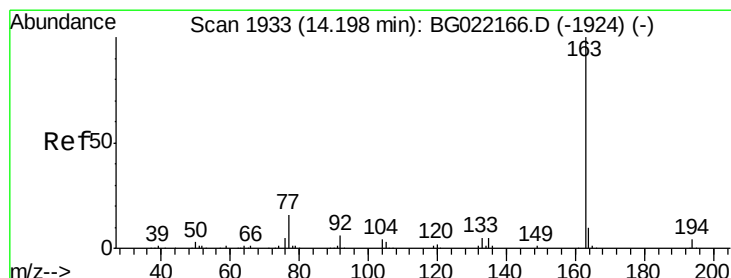
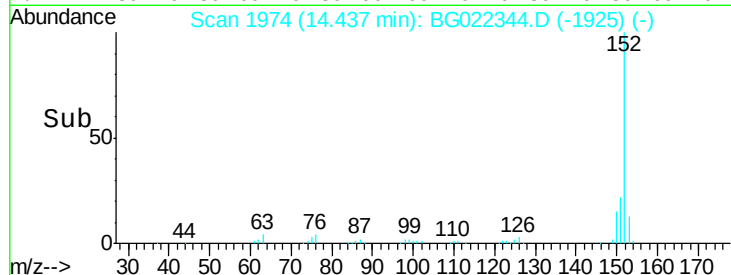
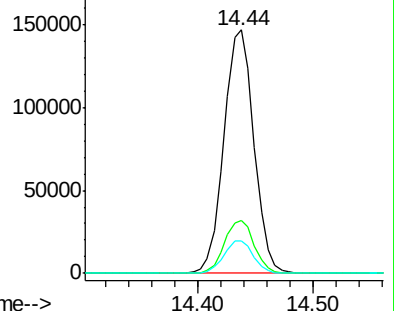
153 13.1 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 34.46 ng

RT: 14.16 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

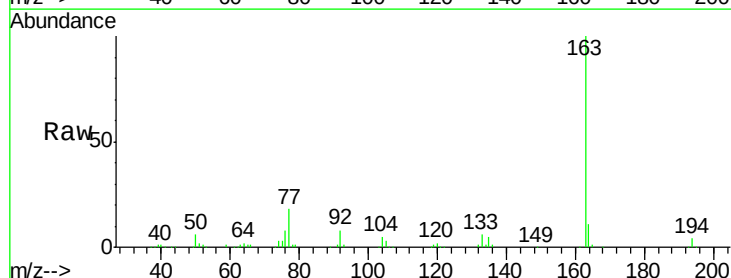
Tgt Ion:163 Resp: 222756

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

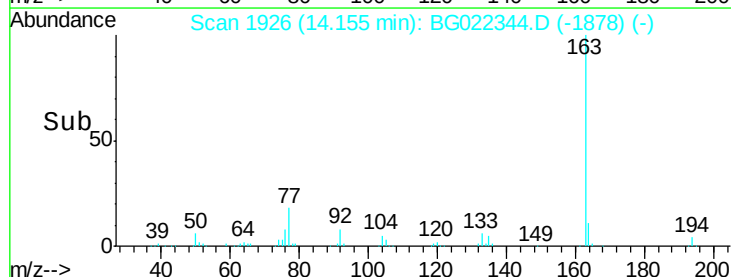
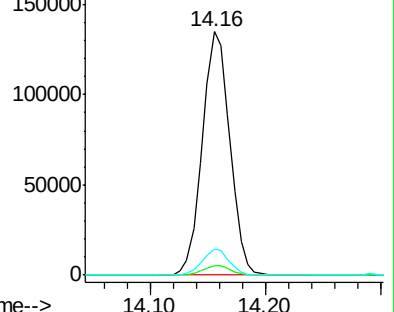
164 10.7 8.1 12.1

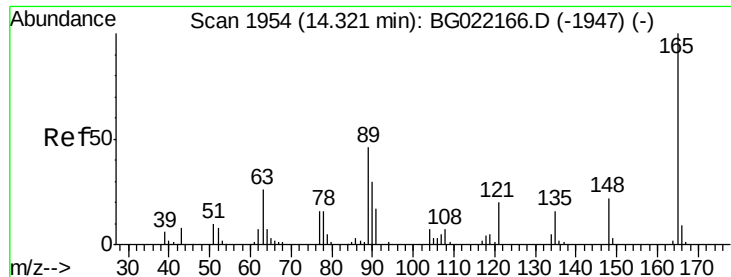


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

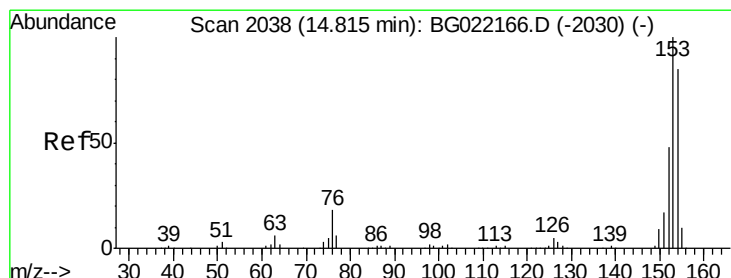
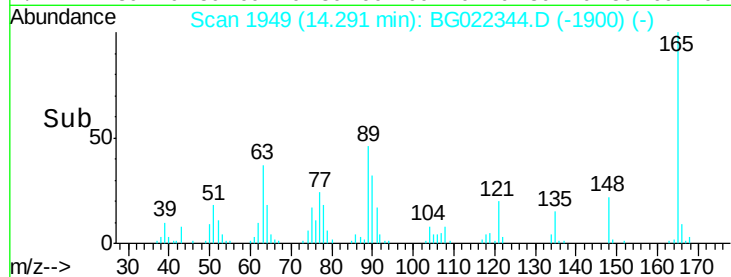
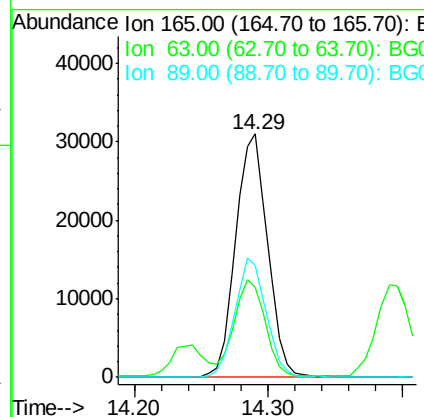
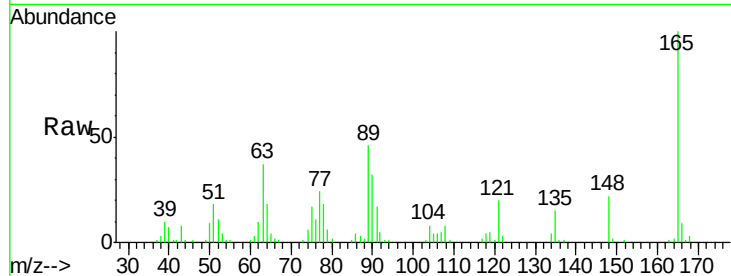




#50
 2,6-Dinitrotoluene
 Concen: 36.64 ng
 RT: 14.29 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

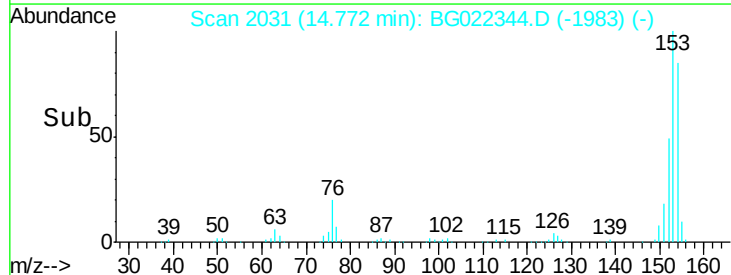
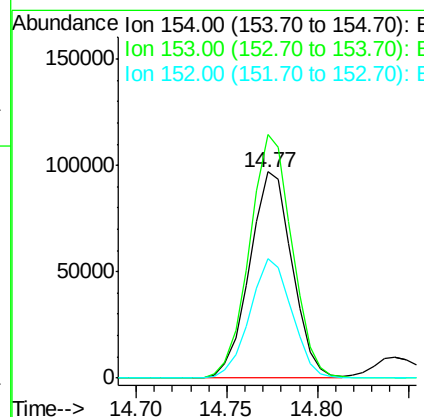
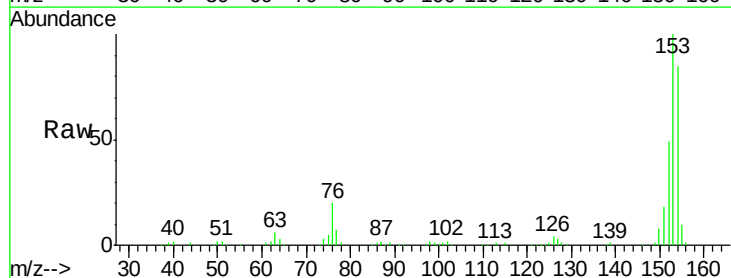
Instrument :
 BNA_G
 ClientSampleId :
 PB91309BS

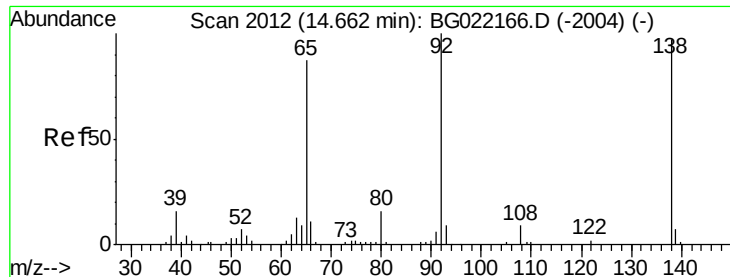
Tot Ion:165 Resp: 51489
 Ion Ratio Lower Upper
 165 100
 63 37.2 48.2 72.4#
 89 46.1 45.3 67.9



#51
 Acenaphthene
 Concen: 33.50 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

Tgt Ion:154 Resp: 158413
 Ion Ratio Lower Upper
 154 100
 153 118.2 91.9 137.9
 152 57.8 42.0 63.0

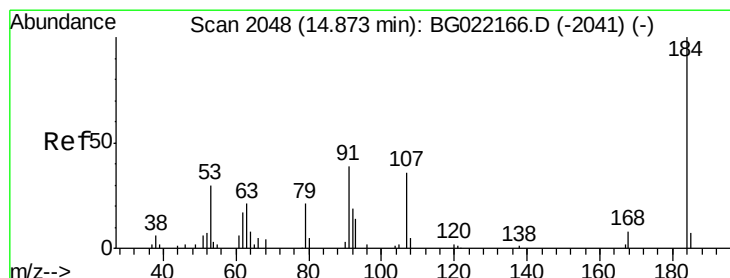
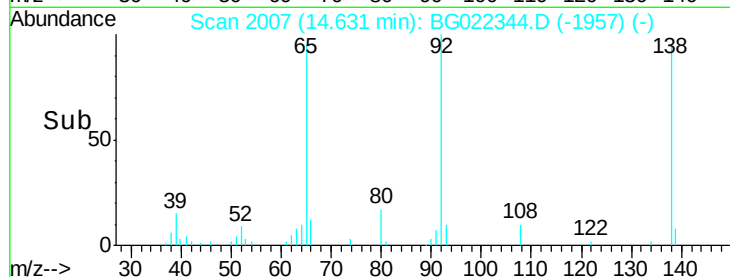
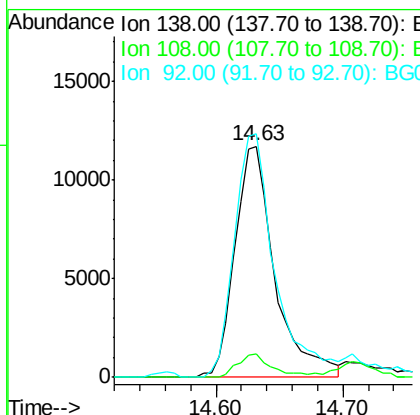
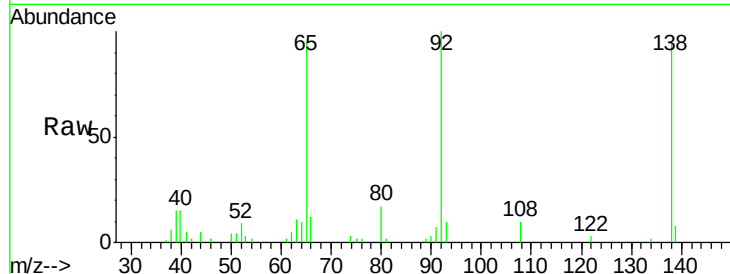




#52
3-Nitroaniline
Concen: 16.47 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

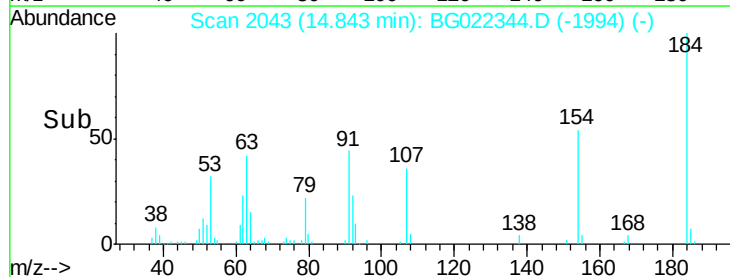
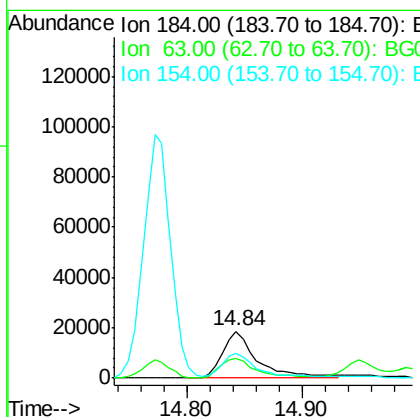
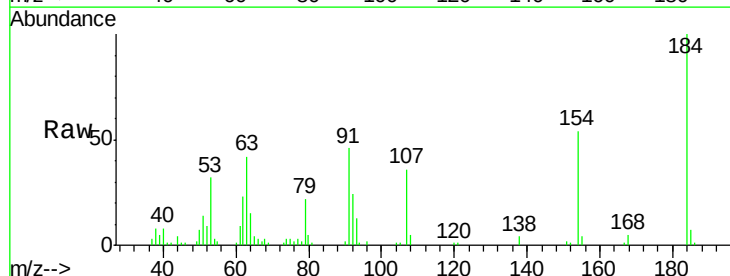
Instrument :
BNA_G
ClientSampleId :
PB91309BS

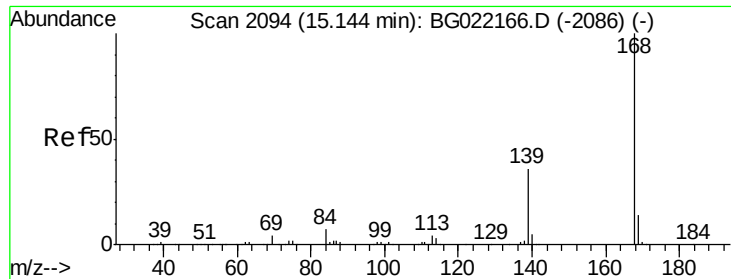
Tot Ion:138 Resp: 25669
Ion Ratio Lower Upper
138 100
108 10.2 9.1 13.7
92 105.3 102.6 154.0



#53
2,4-Dinitrophenol
Concen: 69.05 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion:184 Resp: 38636
Ion Ratio Lower Upper
184 100
63 42.0 57.3 85.9#
154 53.9 55.2 82.8#





#54

Dibenzenofuran

Concen: 34.61 ng

RT: 15.11 min Scan# 2088

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

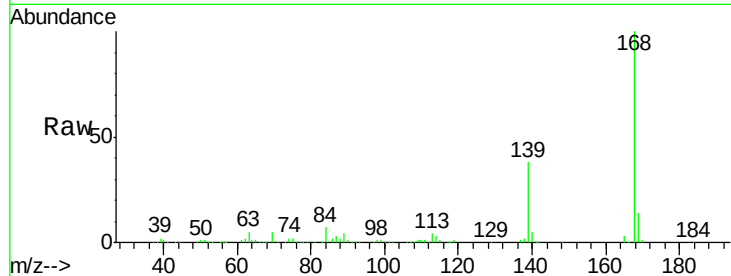
Tot Ion:168 Resp: 255426

Ion Ratio Lower Upper

168 100

139 37.9 31.1 46.7

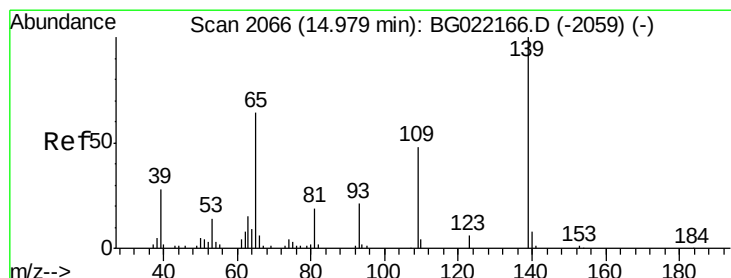
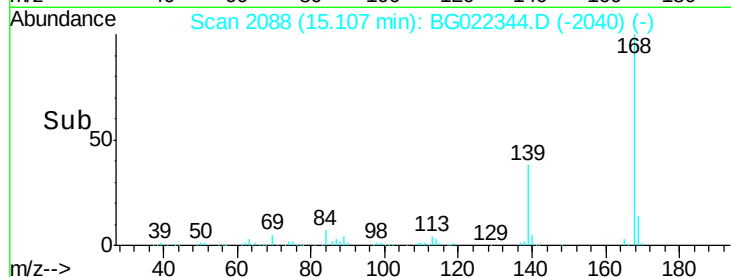
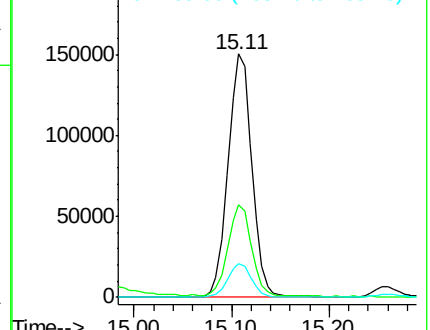
169 14.0 11.0 16.6



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: 72.49 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

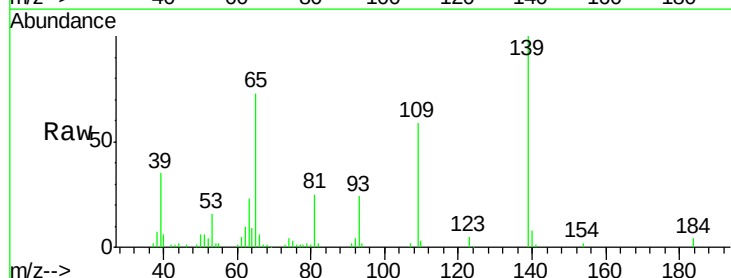
Tgt Ion:139 Resp: 77981

Ion Ratio Lower Upper

139 100

109 58.7 49.2 89.2

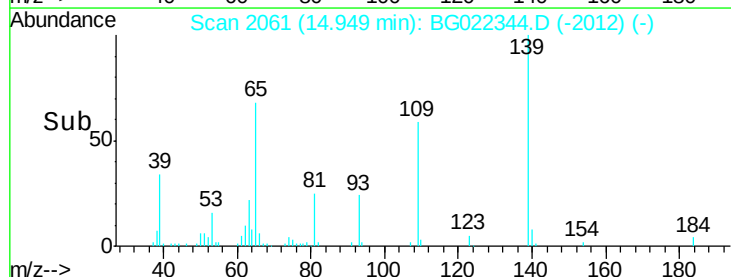
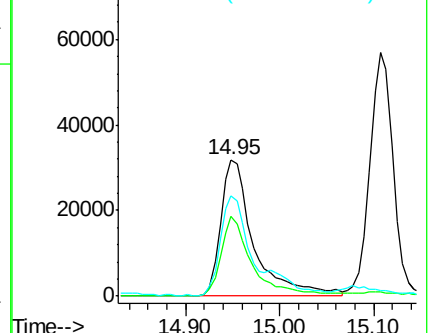
65 73.1 83.2 123.2#

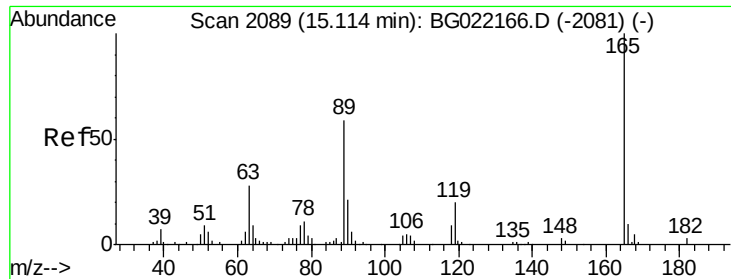


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

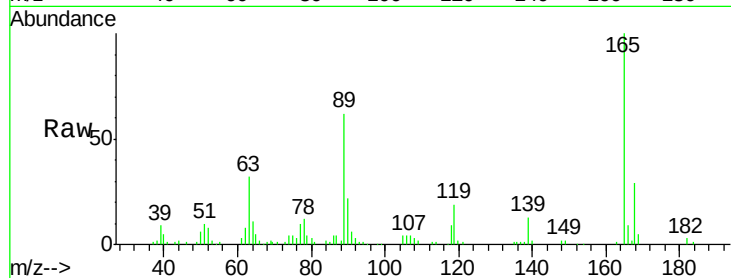




#56
2,4-Dinitrotoluene
Concen: 39.83 ng
RT: 15.08 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Instrument :
BNA_G
ClientSampleId :
PB91309BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	31.5	37.4	56.0#
89	61.7	59.4	89.0
182	2.6	2.1	3.1



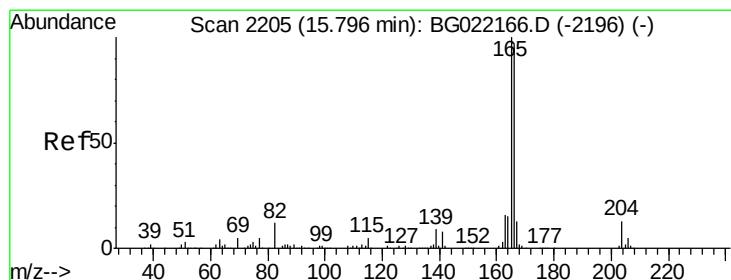
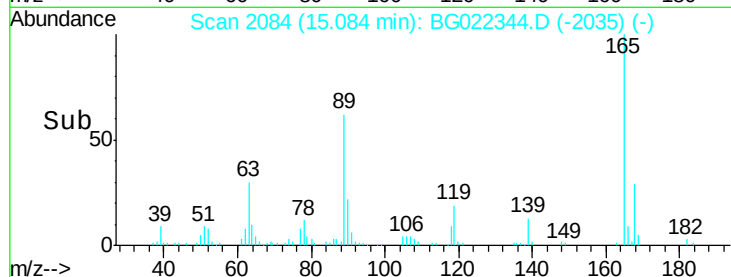
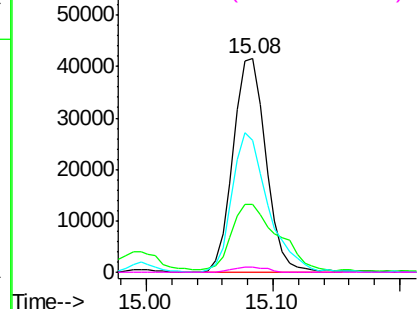
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

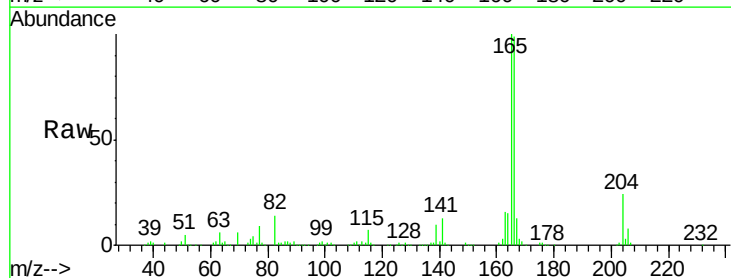
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 34.87 ng
RT: 15.75 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.0	118.4
167	13.4	10.7	16.1

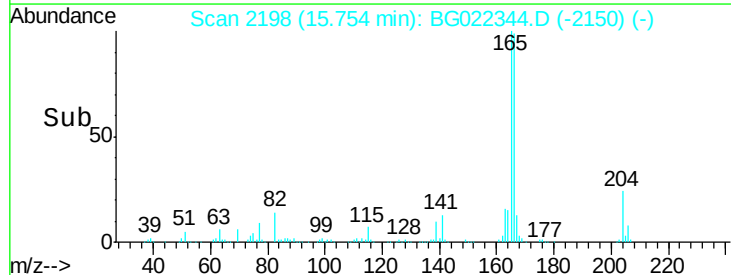
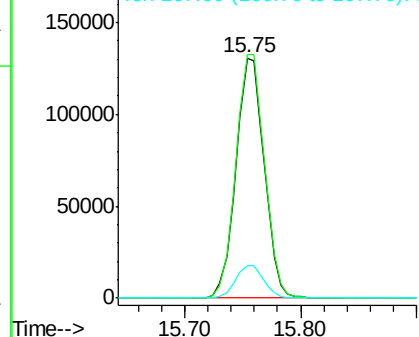


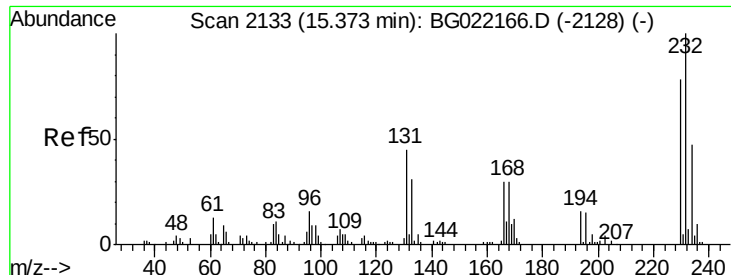
Abundance

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

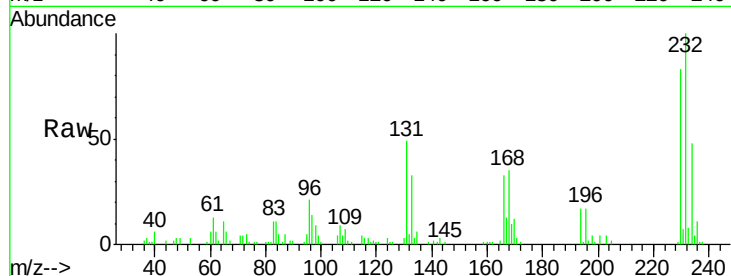




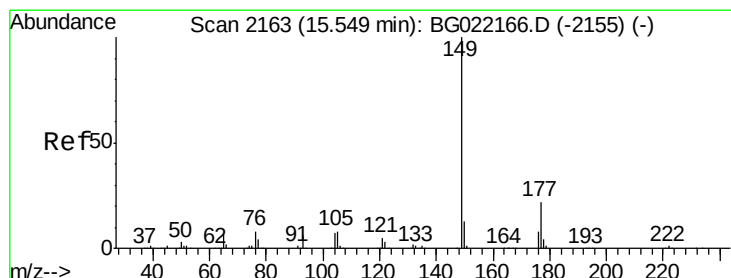
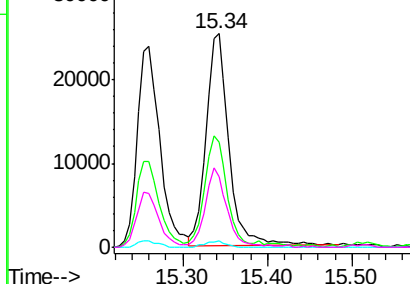
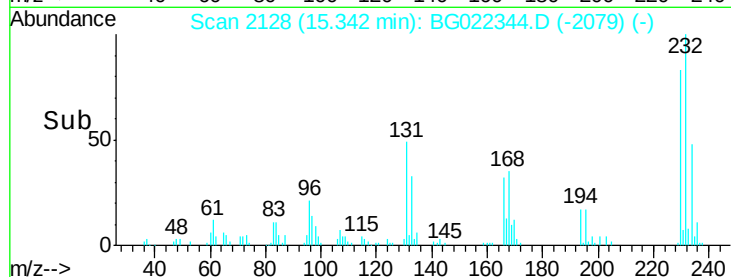
#58
2,3,4,6-Tetrachlorophenol
Concen: 36.34 ng
RT: 15.34 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Instrument :
BNA_G
ClientSampleId :
PB91309BS

Tot Ion:232 Resp: 48483
Ion Ratio Lower Upper
232 100
131 46.8 36.3 54.5
130 2.6 1.9 2.9
166 32.9 25.0 37.4

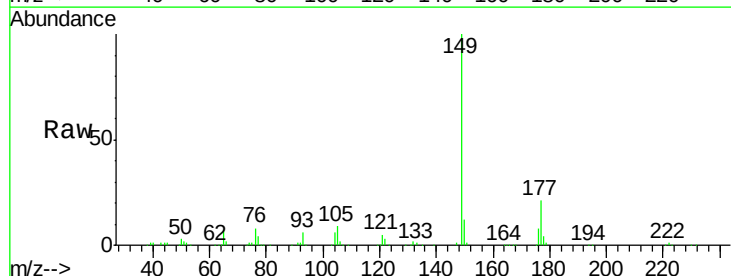


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

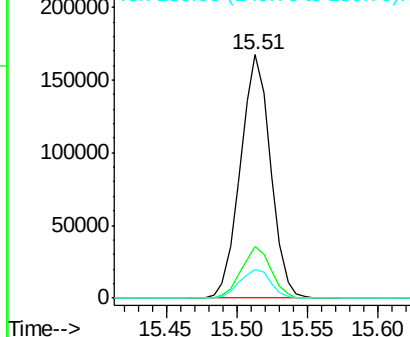
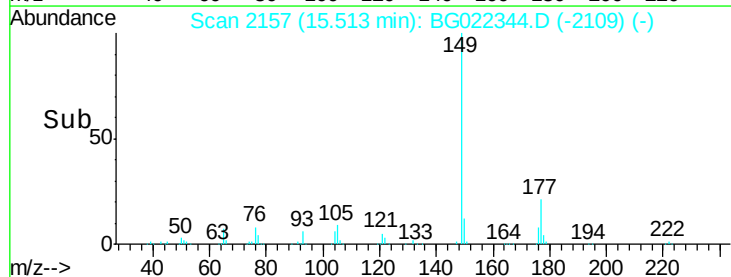


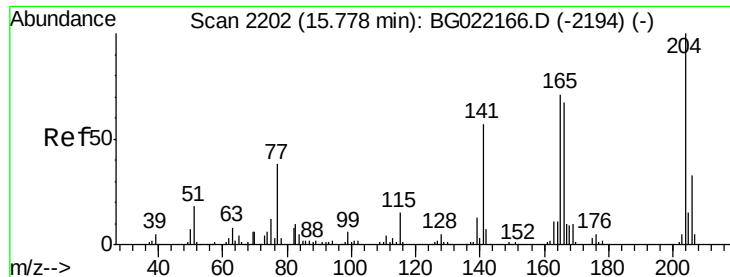
#59
Diethylphthalate
Concen: 36.15 ng
RT: 15.51 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion:149 Resp: 249682
Ion Ratio Lower Upper
149 100
177 21.4 17.3 25.9
150 11.9 9.7 14.5



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

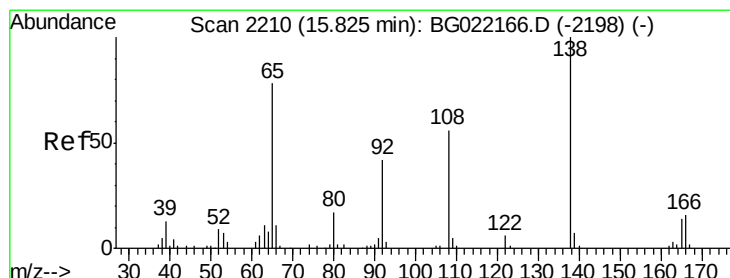
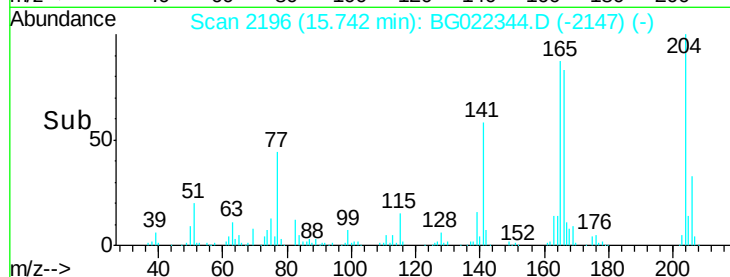
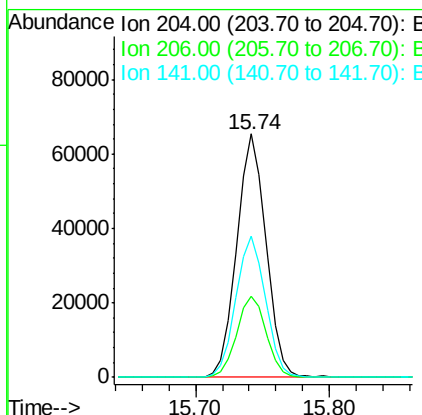
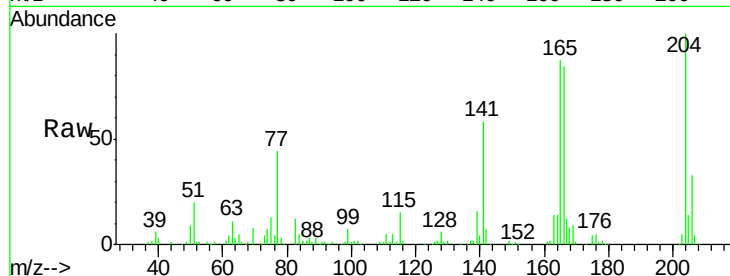




#60
4-Chlorophenyl-phenylether
Concen: 34.52 ng
RT: 15.74 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

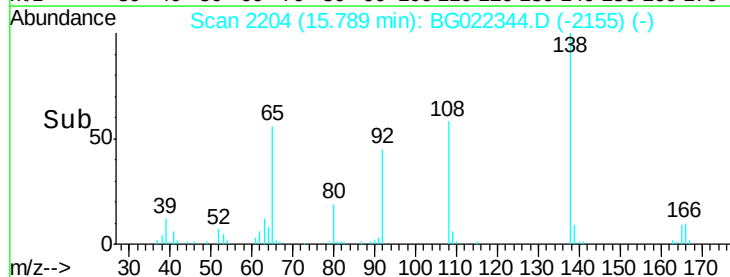
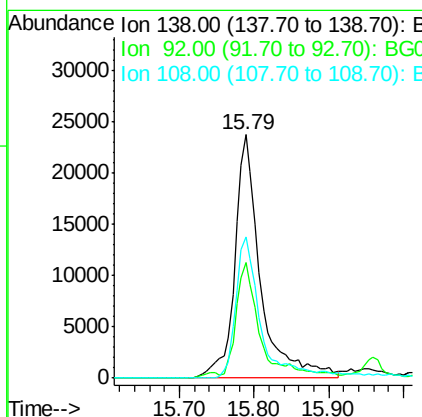
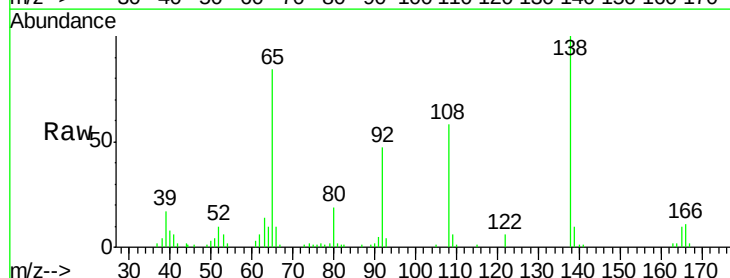
Instrument :
BNA_G
ClientSampleId :
PB91309BS

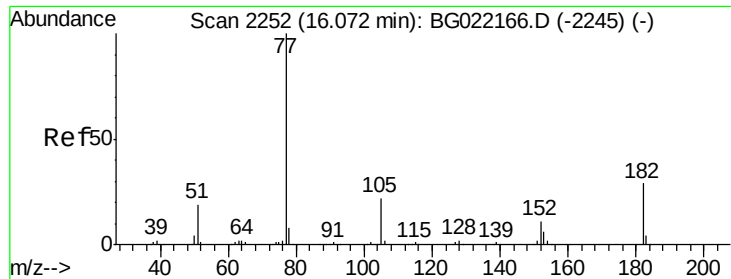
Tot Ion:204 Resp: 99387
Ion Ratio Lower Upper
204 100
206 33.3 27.8 41.8
141 57.8 51.0 76.4



#61
4-Nitroaniline
Concen: 34.41 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion:138 Resp: 56886
Ion Ratio Lower Upper
138 100
92 47.4 37.7 77.7
108 58.0 59.4 99.4#





#62

Azobenzene

Concen: 38.92 ng

RT: 16.04 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

Tot Ion: 77 Resp: 203530

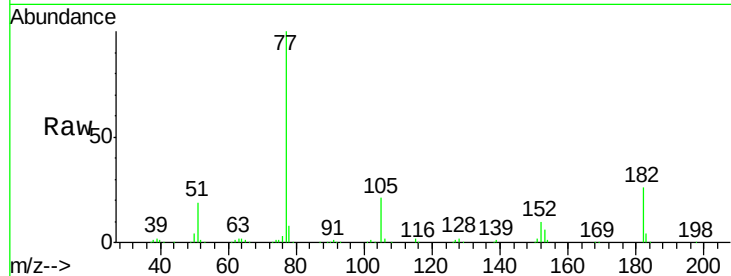
Ion Ratio Lower Upper

77 100

182 25.7 4.1 44.1

105 21.4 0.0 39.8

51 19.3 11.1 51.1

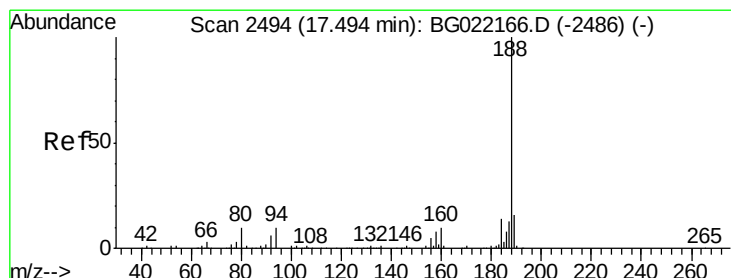
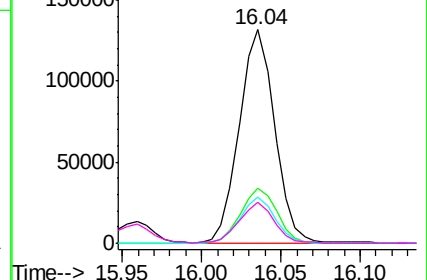
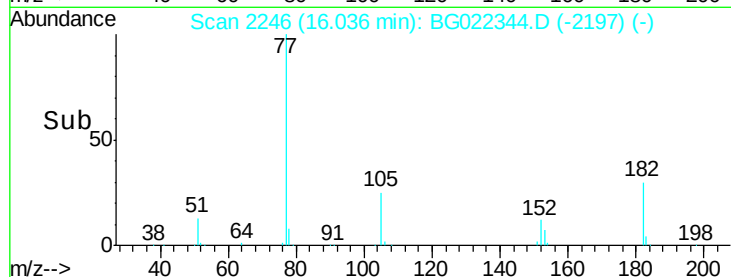


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.46 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

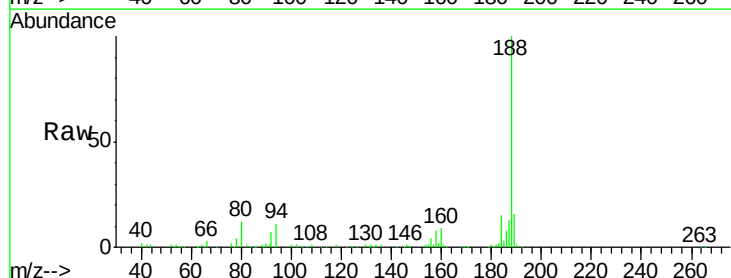
Tgt Ion: 188 Resp: 202577

Ion Ratio Lower Upper

188 100

94 10.8 7.5 11.3

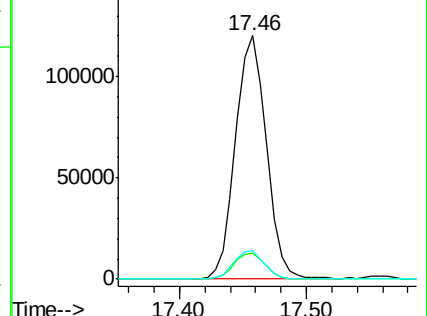
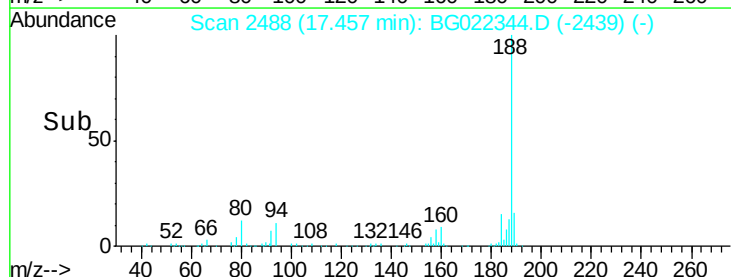
80 11.7 8.6 13.0

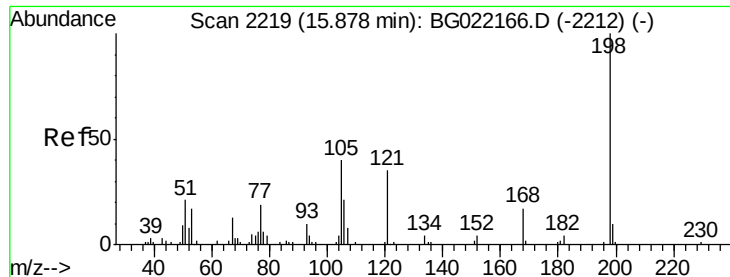


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

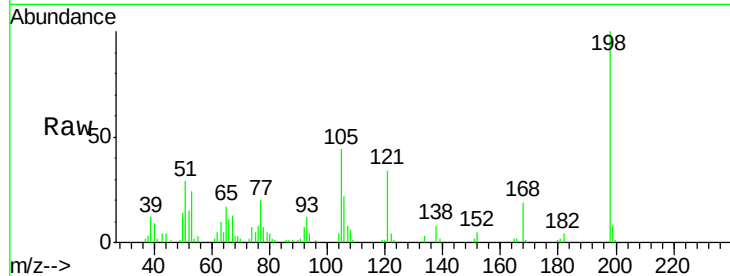




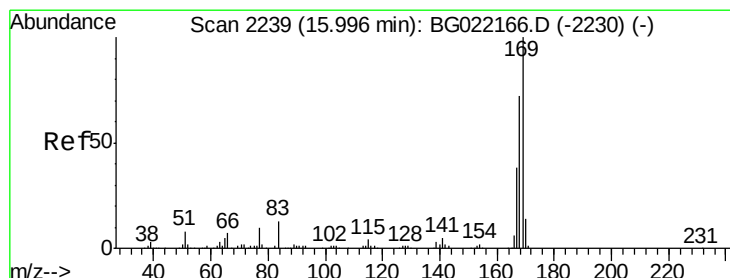
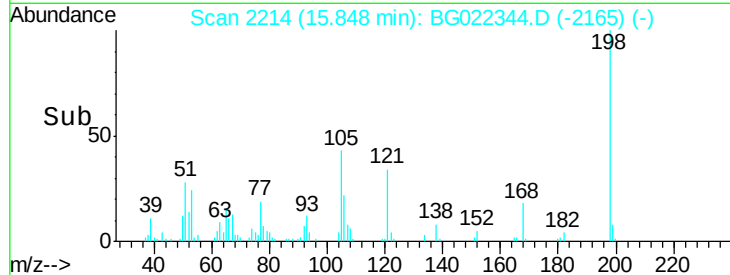
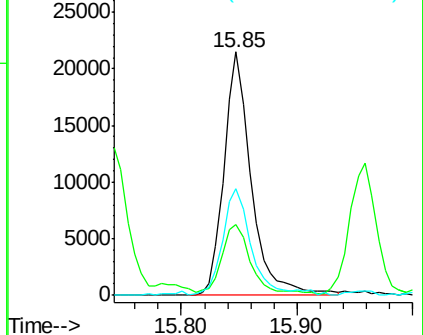
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.75 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.01 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91309BS

Tot Ion	198	Resp	35094
Ion Ratio	100	Lower	Upper
51	29.0	29.2	69.2#
105	43.8	24.0	64.0

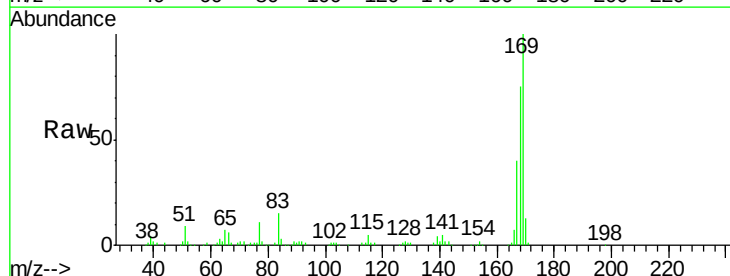


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

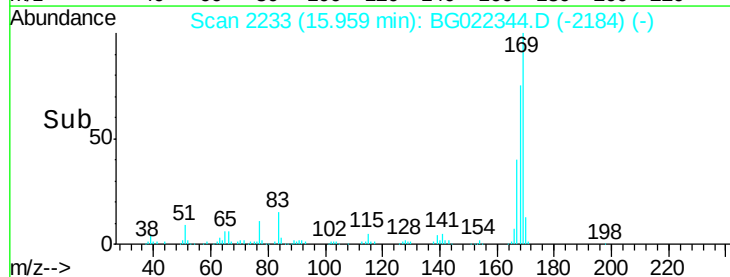
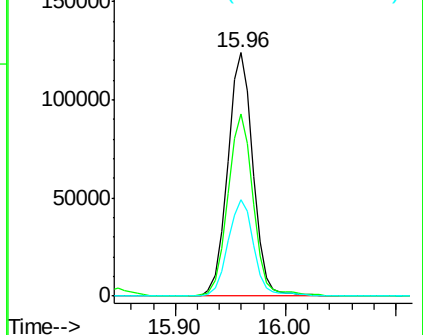


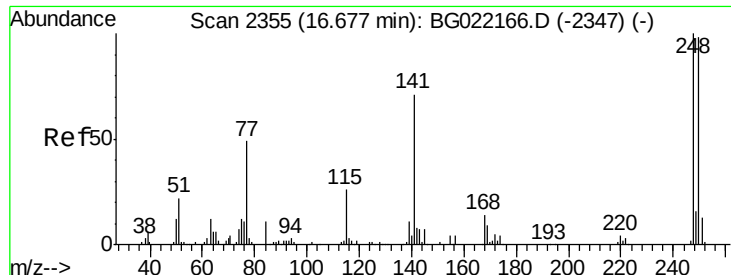
#65
 n-Nitrosodiphenylamine
 Concen: 34.18 ng
 RT: 15.96 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

Tgt Ion	169	Resp	199436
Ion Ratio	100	Lower	Upper
168	74.9	59.6	89.4
167	39.6	31.2	46.8



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

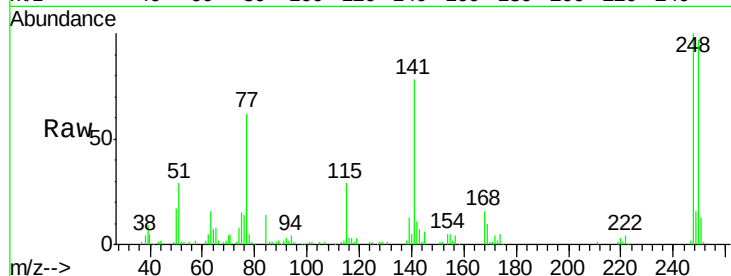




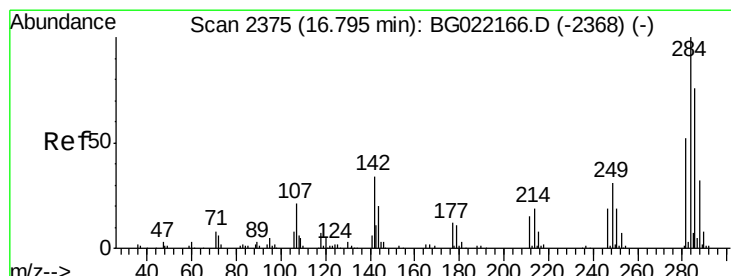
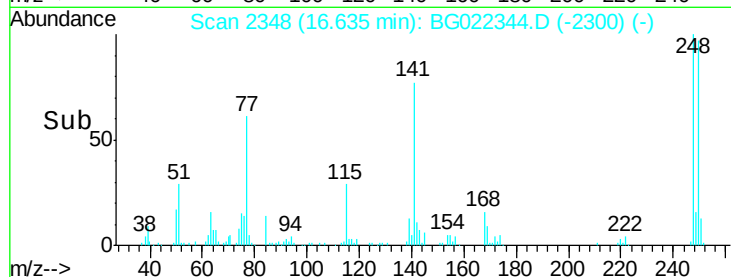
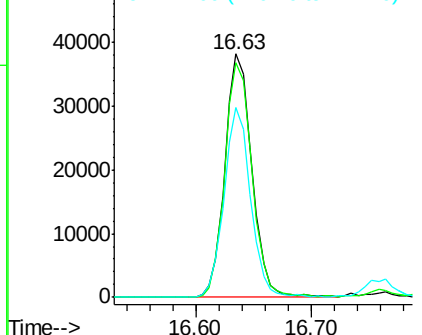
#66
4-Bromophenyl-phenylether
Concen: 32.61 ng
RT: 16.63 min Scan# 2348
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Instrument :
BNA_G
ClientSampleID :
PB91309BS

Tot Ion:248 Resp: 61905
Ion Ratio Lower Upper
248 100
250 96.6 76.6 114.8
141 78.0 63.8 95.6

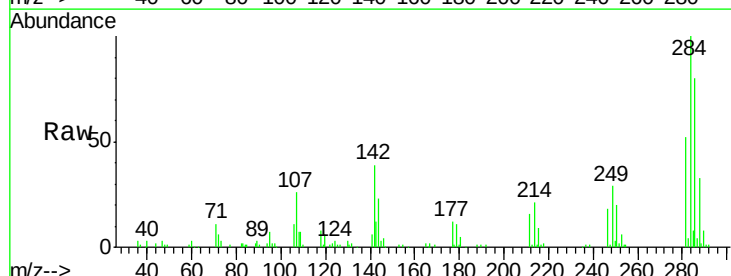


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

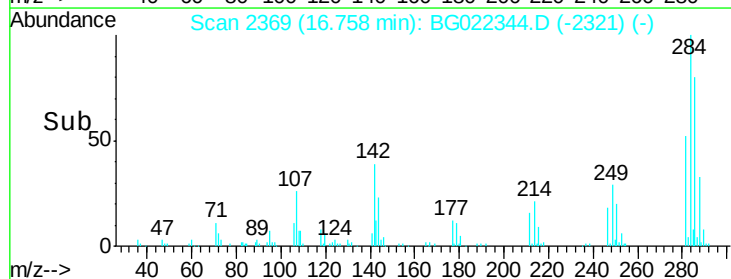
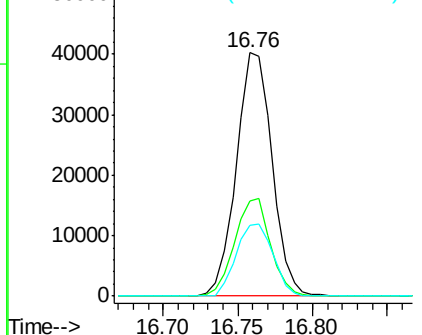


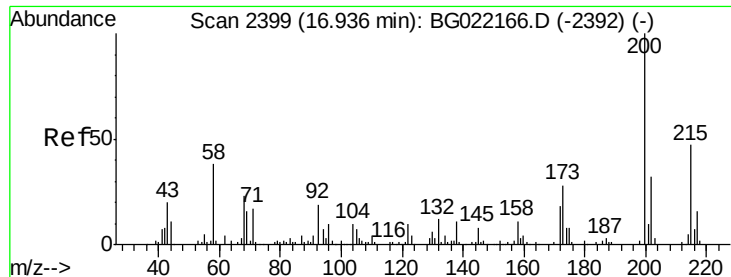
#67
Hexachlorobenzene
Concen: 30.28 ng
RT: 16.76 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion:284 Resp: 66996
Ion Ratio Lower Upper
284 100
142 39.2 31.8 47.6
249 31.8 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: 32.56 ng

RT: 16.91 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

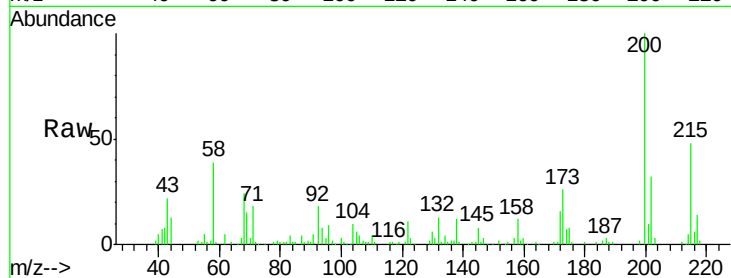
Tot Ion:200 Resp: 70345

Ion Ratio Lower Upper

200 100

173 26.1 5.1 45.1

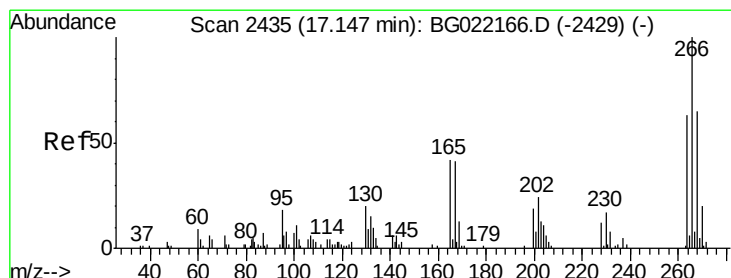
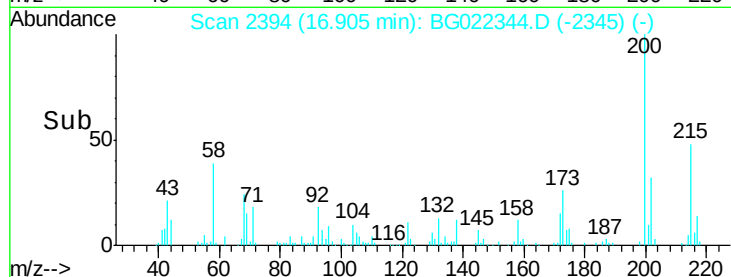
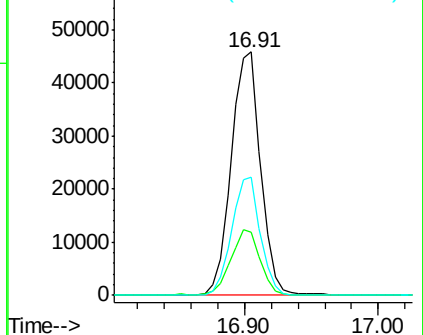
215 48.3 28.0 68.0



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: 57.63 ng

RT: 17.11 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

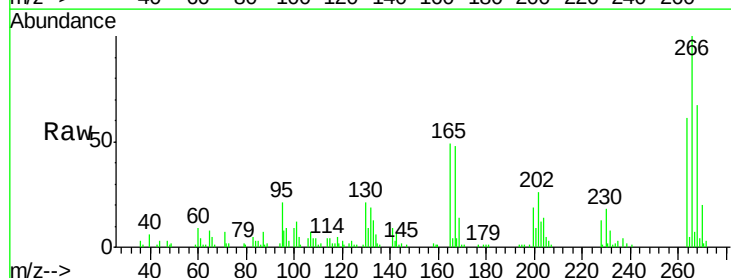
Tgt Ion:266 Resp: 55721

Ion Ratio Lower Upper

266 100

268 71.0 54.5 81.7

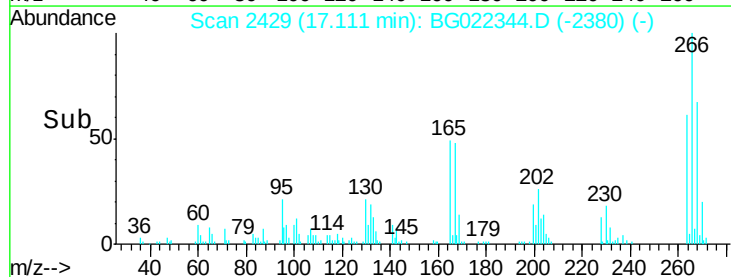
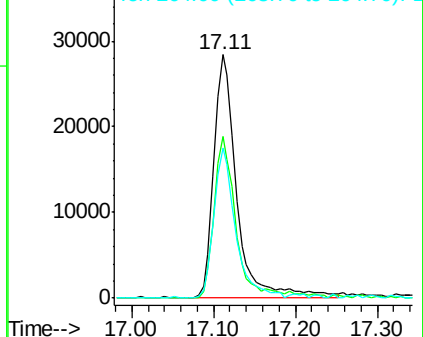
264 66.5 53.8 80.6

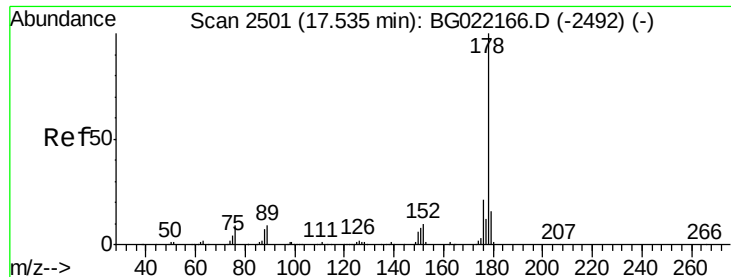


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 33.22 ng

RT: 17.50 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

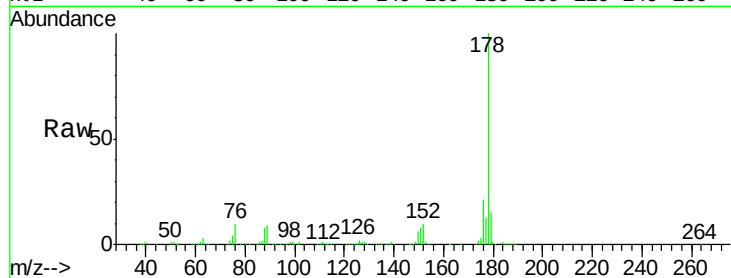
Tot Ion:178 Resp: 365522

Ion Ratio Lower Upper

178 100

176 21.2 16.2 24.4

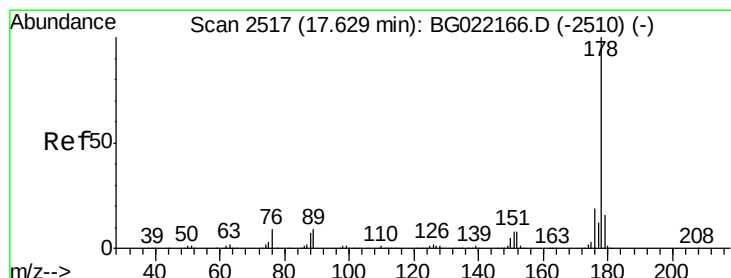
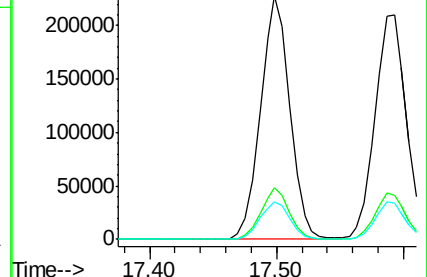
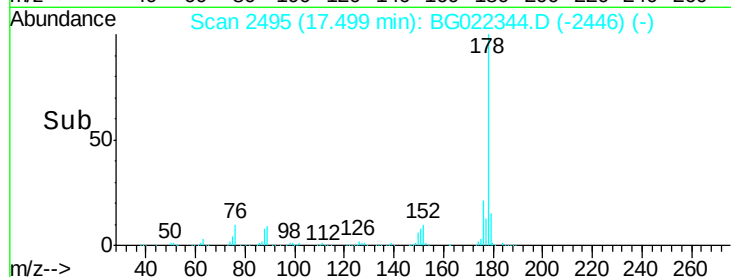
179 15.5 12.0 18.0



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: 33.37 ng

RT: 17.59 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

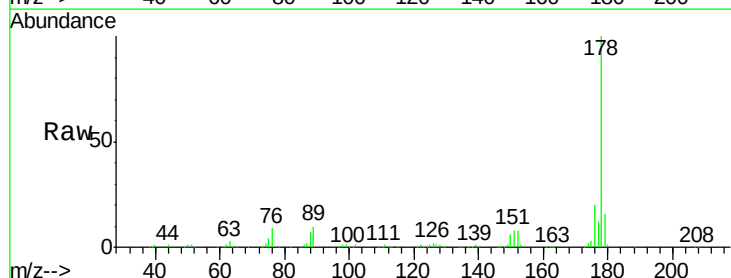
Tgt Ion:178 Resp: 364091

Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.4

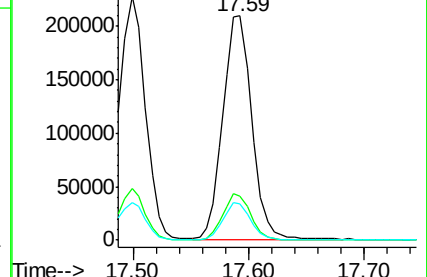
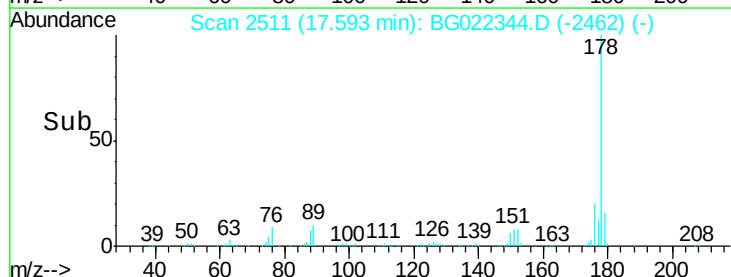
179 16.0 12.2 18.4

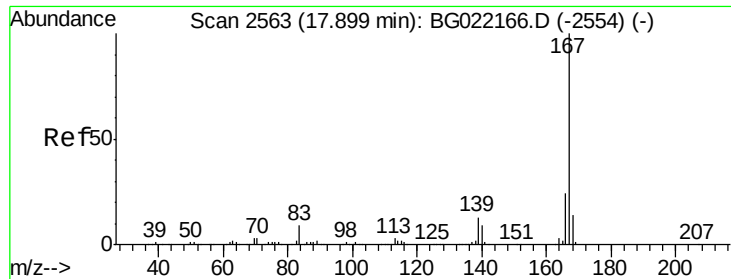


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

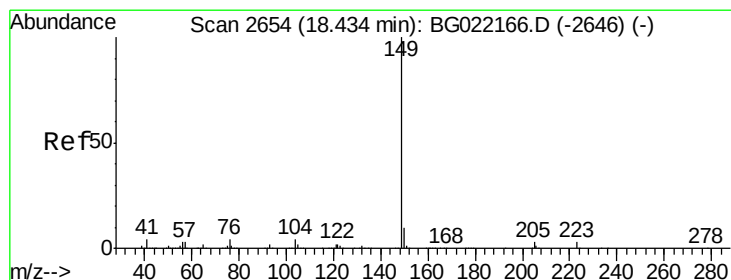
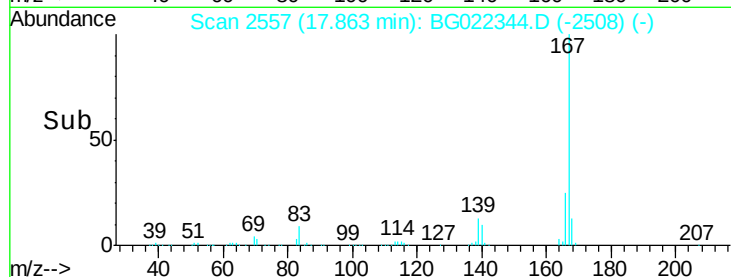
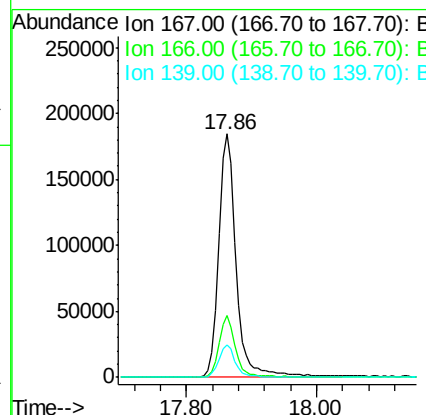
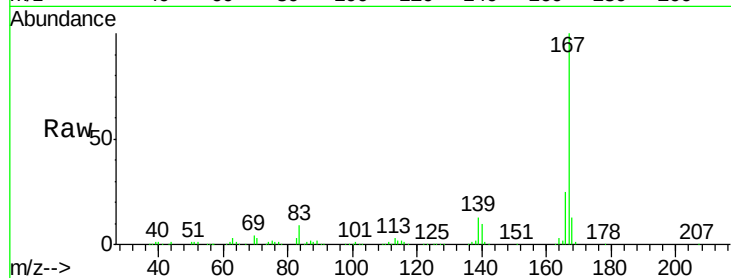




#72
 Carbazole
 Concen: 33.28 ng
 RT: 17.86 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

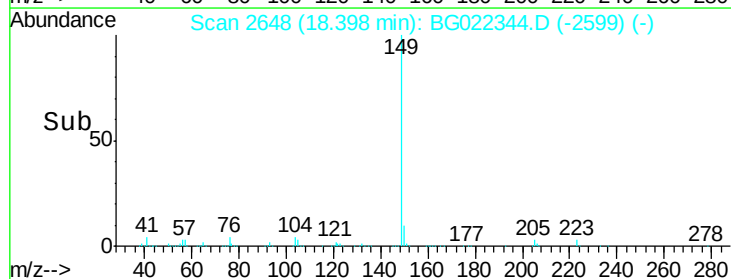
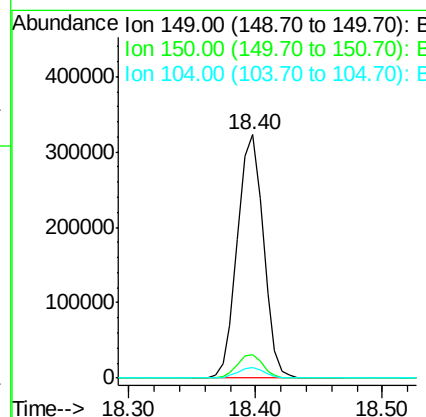
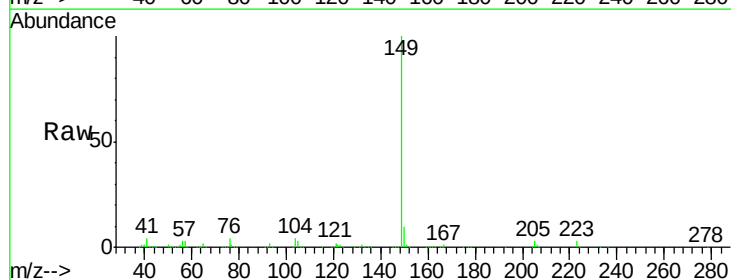
Instrument :
 BNA_G
 ClientSampleId :
 PB91309BS

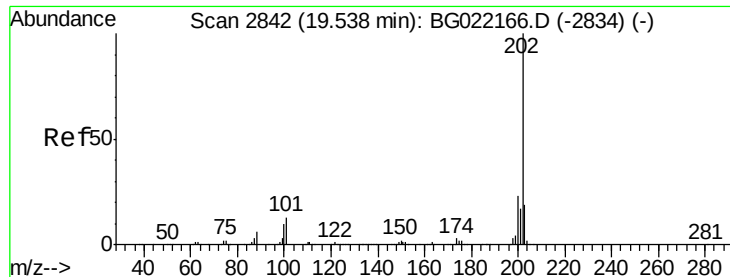
Tot Ion	Ratio	Lower	Upper
167	100		
166	25.5	18.6	27.8
139	13.3	10.6	15.8



#73
 Di-n-butylphthalate
 Concen: 33.93 ng
 RT: 18.40 min Scan# 2648
 Delta R.T. -0.01 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	4.5	4.0	6.0

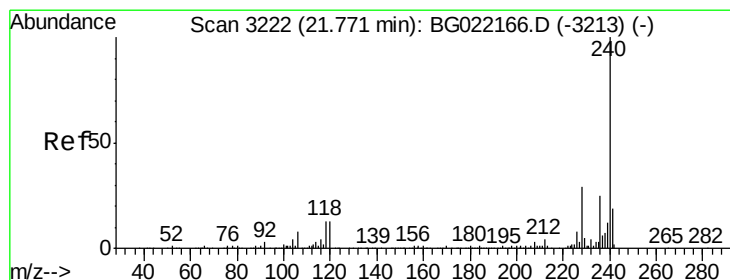
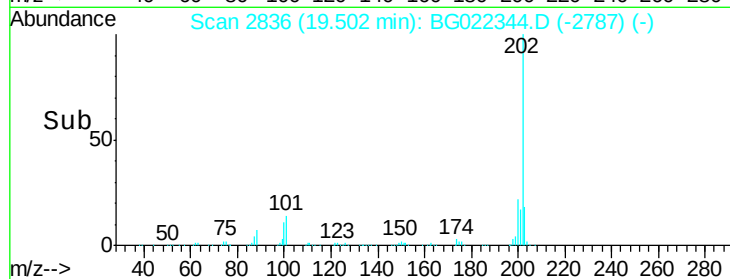
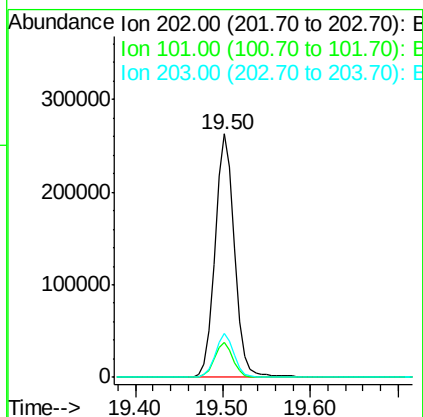
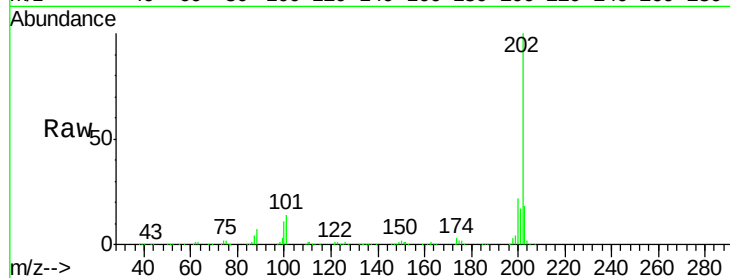




#74
Fluoranthene
Concen: 32.08 ng
RT: 19.50 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

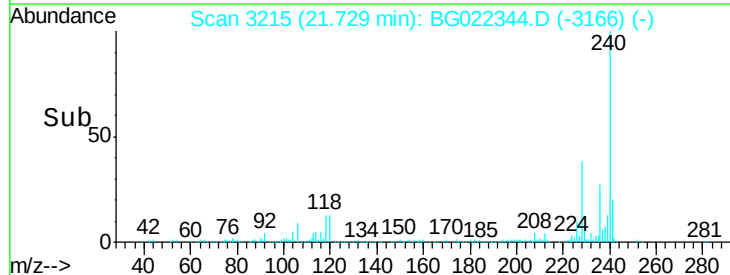
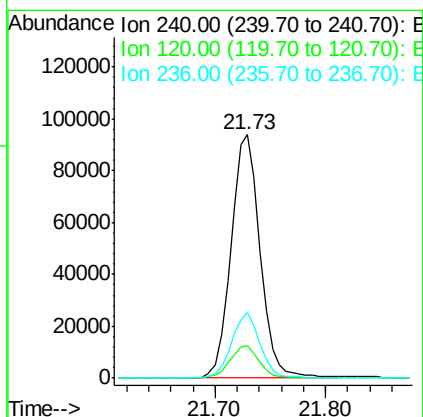
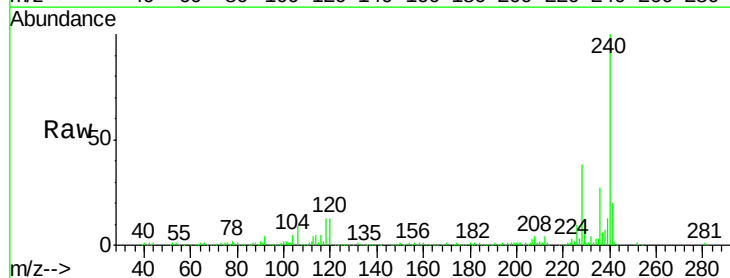
Instrument :
BNA_G
ClientSampleId :
PB91309BS

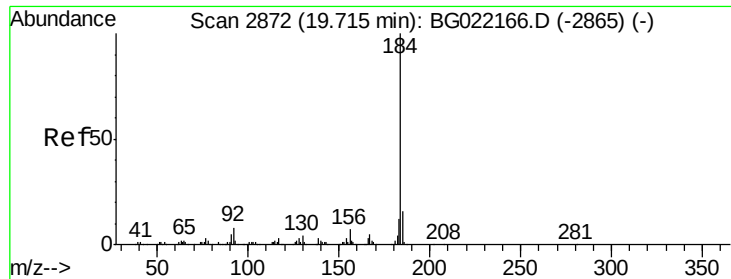
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	31.0
203	18.2	0.0	37.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.73 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.4	12.6#
236	27.2	19.6	29.4

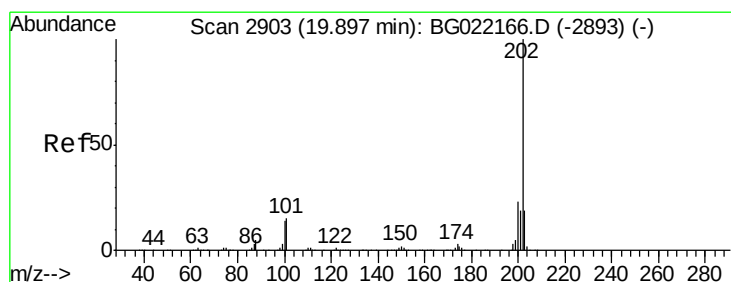
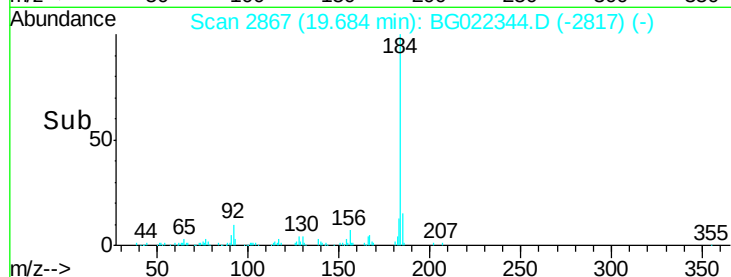
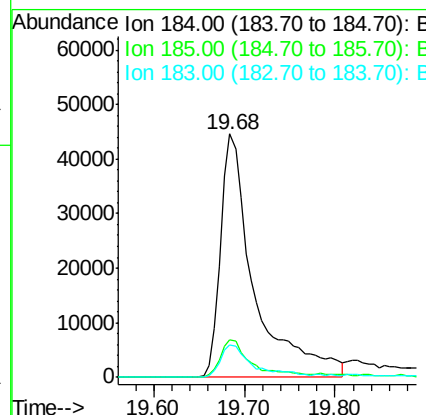
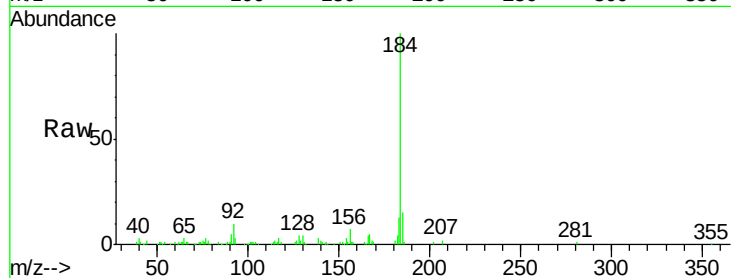




#76
Benzidine
Concen: 25.58 ng
RT: 19.68 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

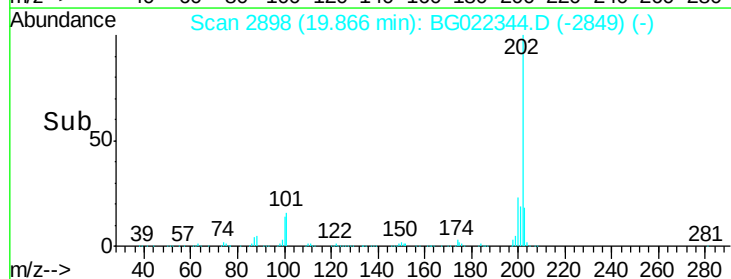
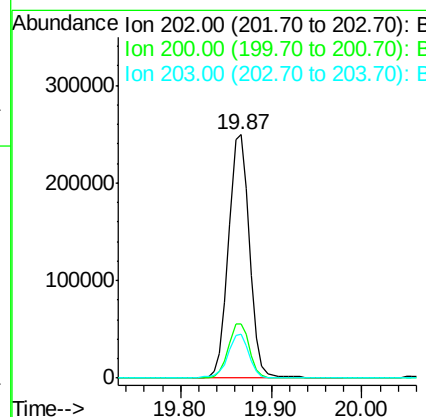
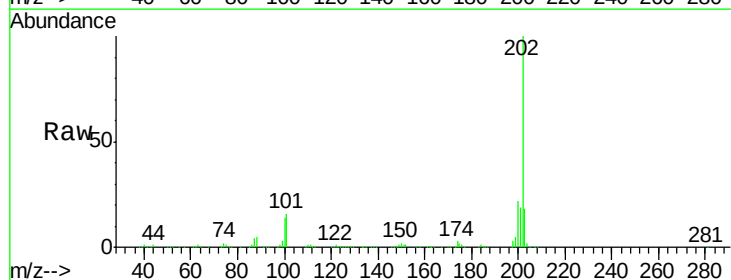
Instrument :
BNA_G
ClientSampleId :
PB91309BS

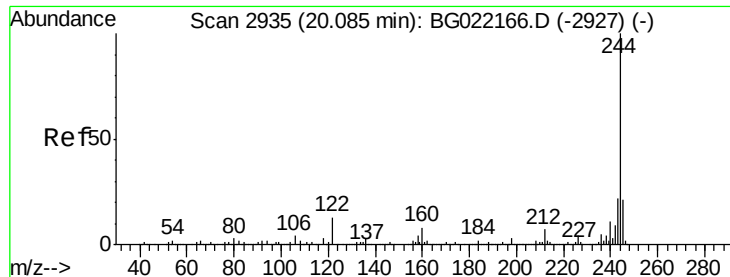
Tot Ion:184 Resp: 115819
Ion Ratio Lower Upper
184 100
185 15.2 11.5 17.3
183 13.4 10.2 15.4



#77
Pyrene
Concen: 37.19 ng
RT: 19.87 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion:202 Resp: 400338
Ion Ratio Lower Upper
202 100
200 22.5 18.2 27.2
203 18.0 15.0 22.4





#78

Terphenyl-d14

Concen: 71.41 ng

RT: 20.05 min Scan# 2930

Delta R.T. -0.00 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

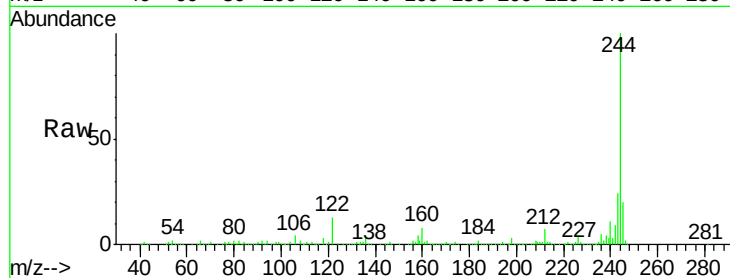
Tot Ion:244 Resp: 520790

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

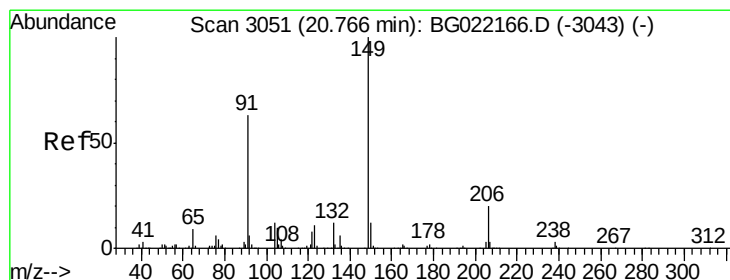
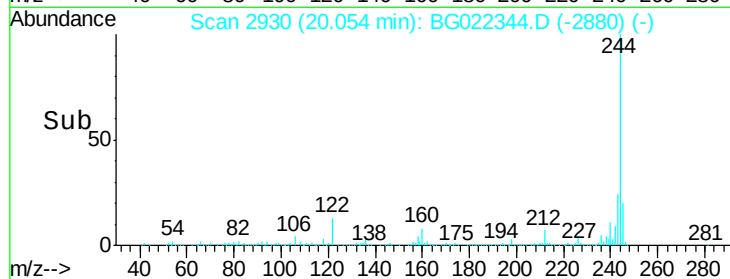
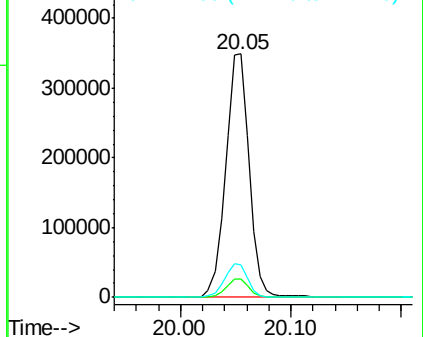
122 13.1 8.6 12.8#



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: 39.52 ng

RT: 20.73 min Scan# 3045

Delta R.T. -0.01 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

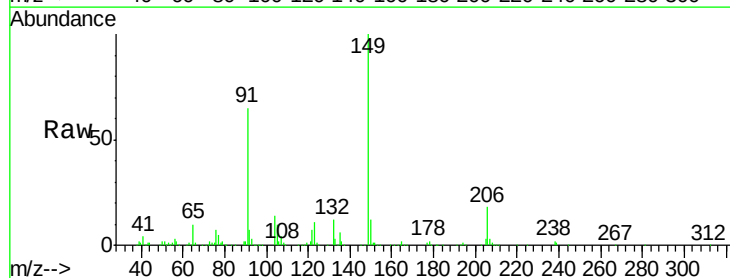
Tgt Ion:149 Resp: 197259

Ion Ratio Lower Upper

149 100

91 65.5 57.8 86.8

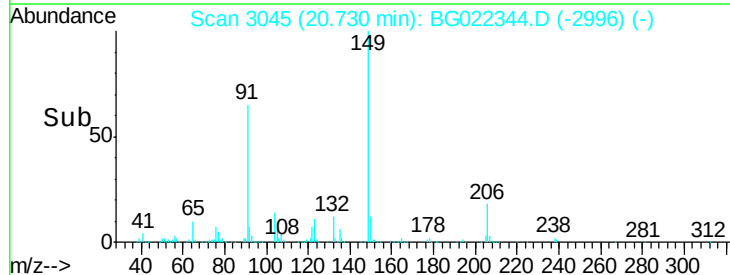
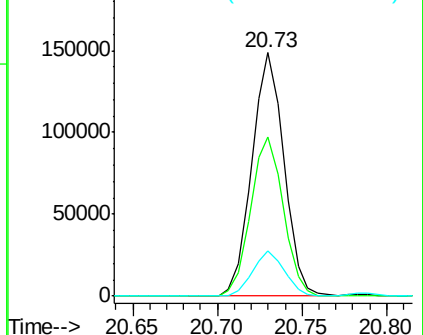
206 18.3 17.0 25.4

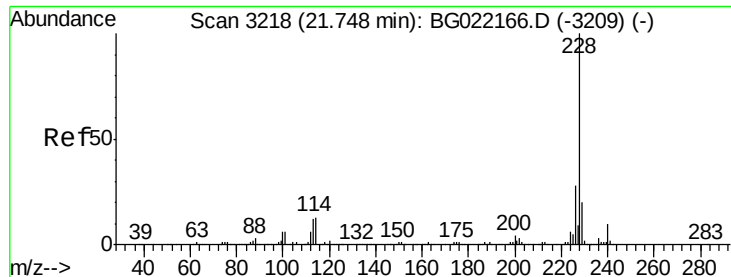


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

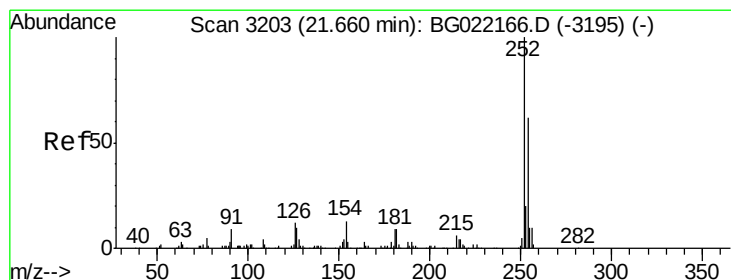
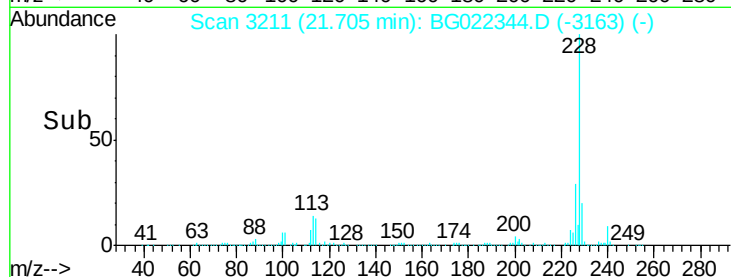
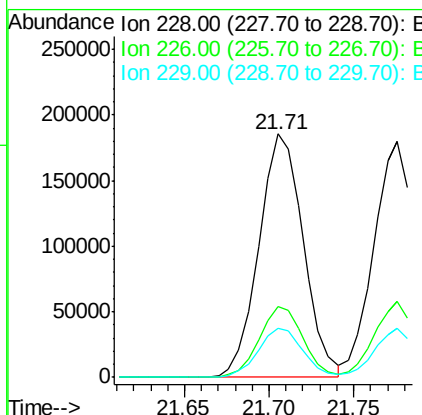
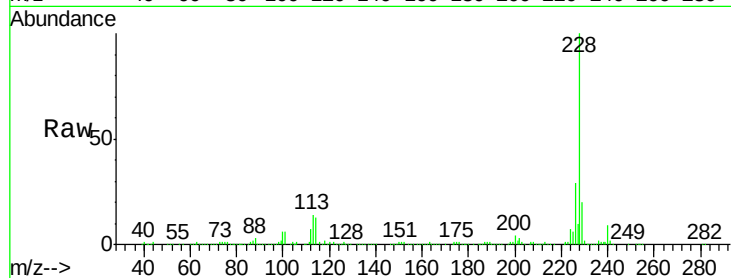




#80
Benzo(a)anthracene
Concen: 34.65 ng
RT: 21.71 min Scan# 3211
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

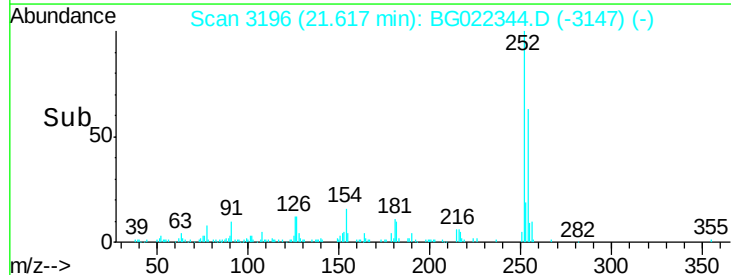
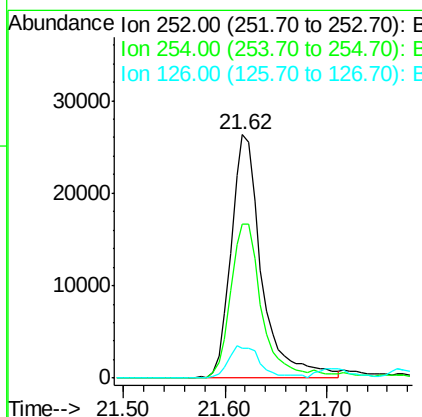
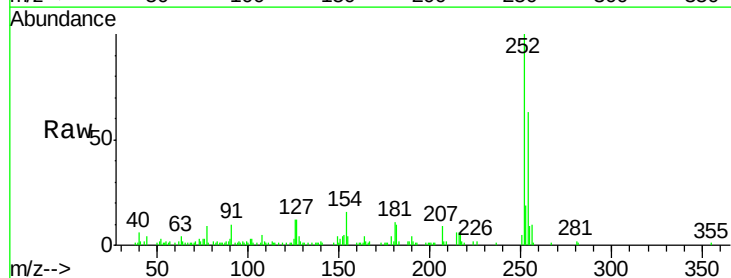
Instrument :
BNA_G
ClientSampleId :
PB91309BS

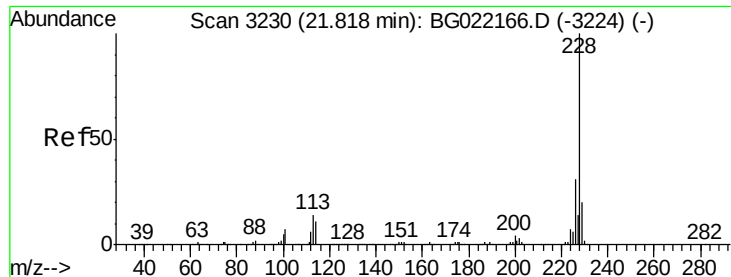
Tot	Ion:228	Resp:	336422
Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	34.0
229	20.2	16.1	24.1



#81
3,3'-Dichlorobenzidine
Concen: 20.24 ng
RT: 21.62 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt	Ion:252	Resp:	55172
Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.8	77.6
126	12.2	8.8	13.2

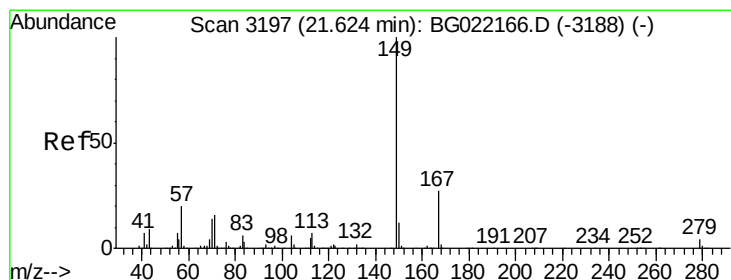
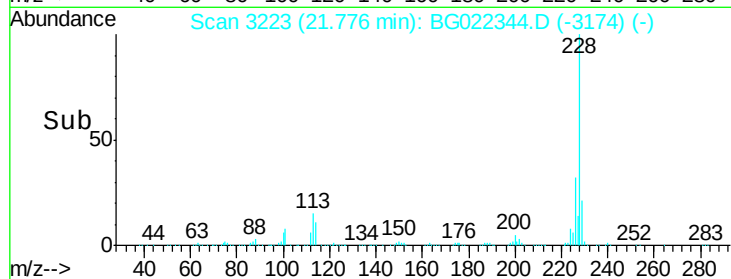
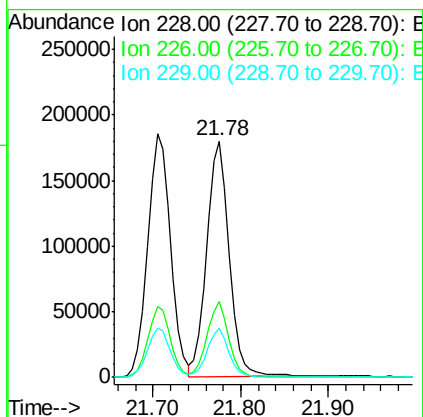
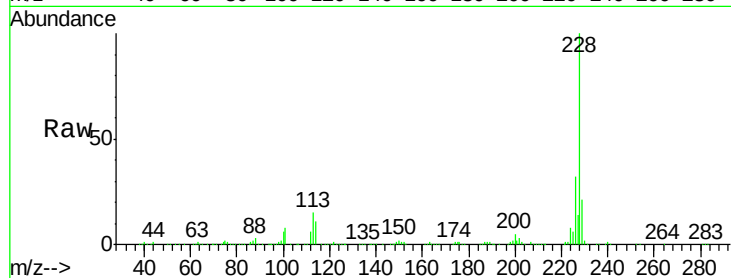




#82
 Chrysene
 Concen: 34.14 ng
 RT: 21.78 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

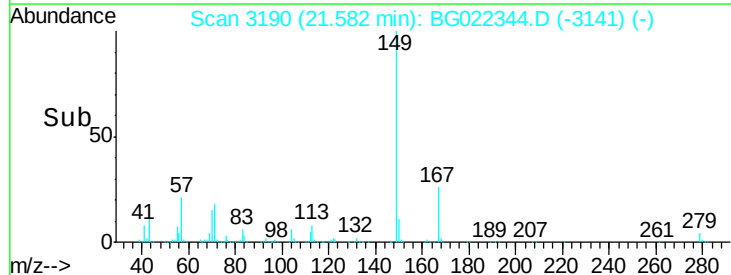
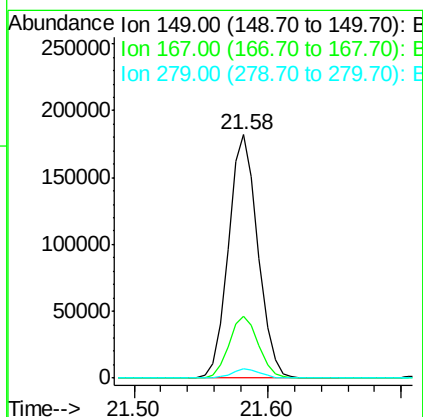
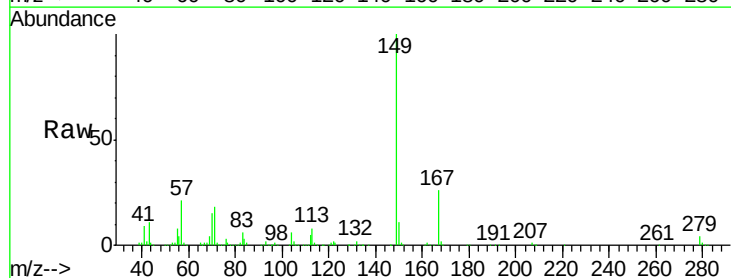
Instrument :
 BNA_G
 ClientSampleID :
 PB91309BS

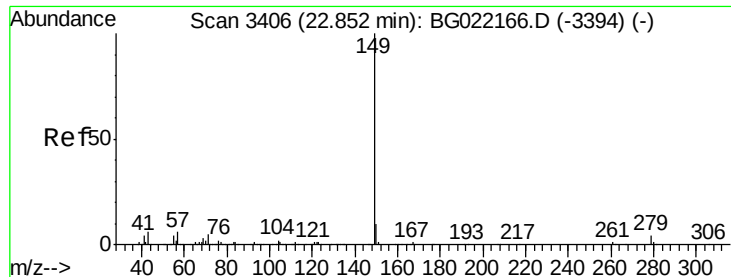
Tot Ion:228 Resp: 322566
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.4 38.0
 229 20.6 15.9 23.9



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.04 ng
 RT: 21.58 min Scan# 3190
 Delta R.T. -0.01 min
 Lab File: BG022344.D
 Acq: 14 Jun 2016 21:06

Tgt Ion:149 Resp: 279246
 Ion Ratio Lower Upper
 149 100
 167 25.6 22.4 33.6
 279 3.9 3.2 4.8

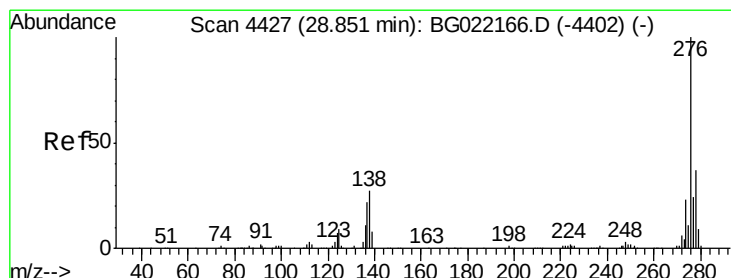
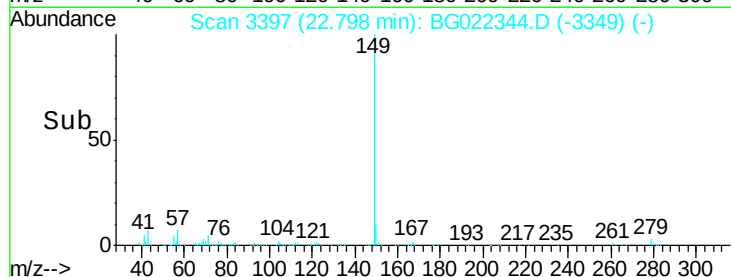
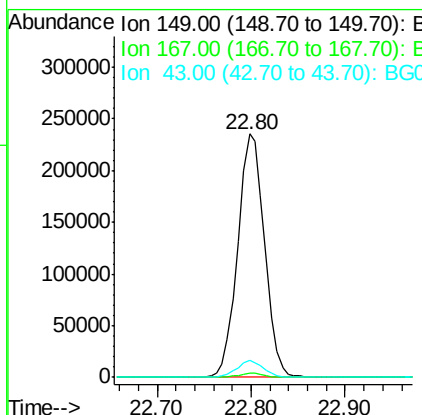
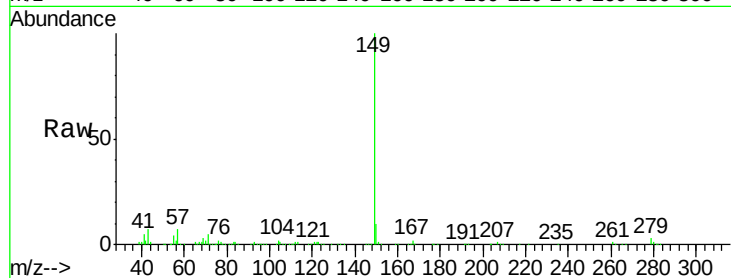




#84
Di-n-octyl phthalate
Concen: 38.00 ng
RT: 22.80 min Scan# 3397
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

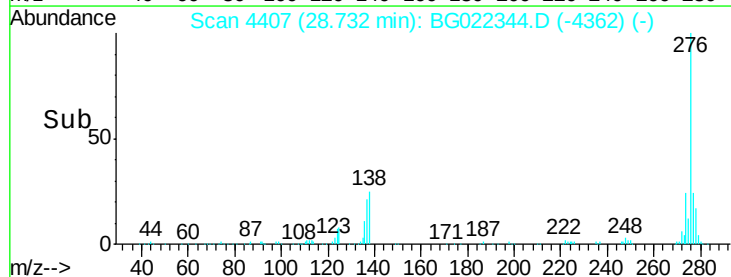
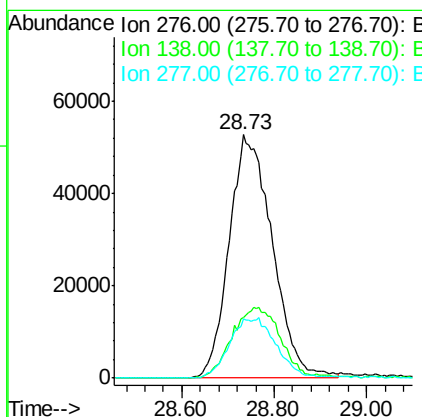
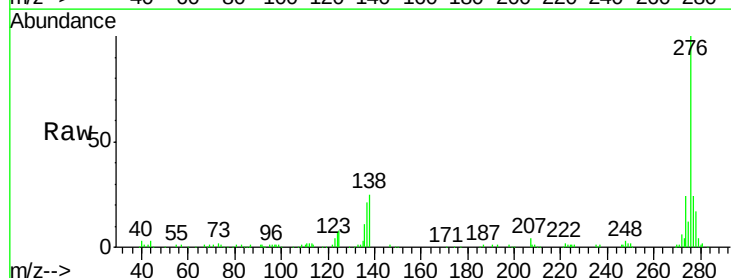
Instrument :
BNA_G
ClientSampleId :
PB91309BS

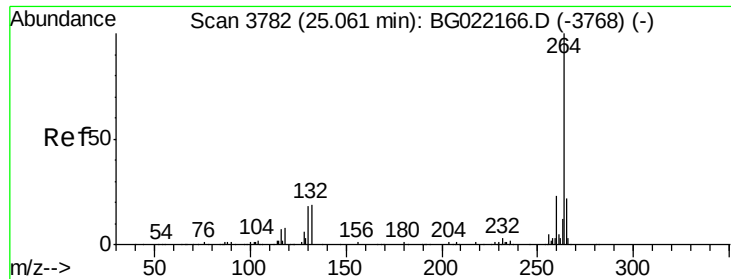
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.4	9.8	14.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 32.36 ng
RT: 28.73 min Scan# 4407
Delta R.T. -0.03 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.0	21.0
277	12.8	20.6	30.8

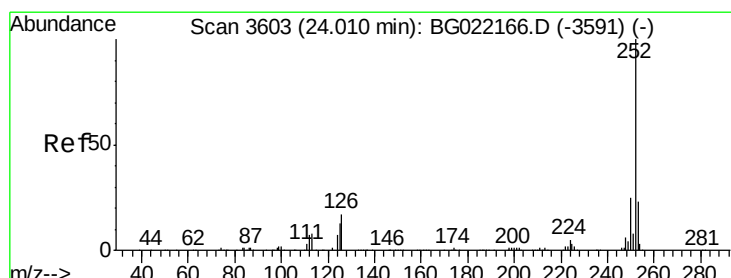
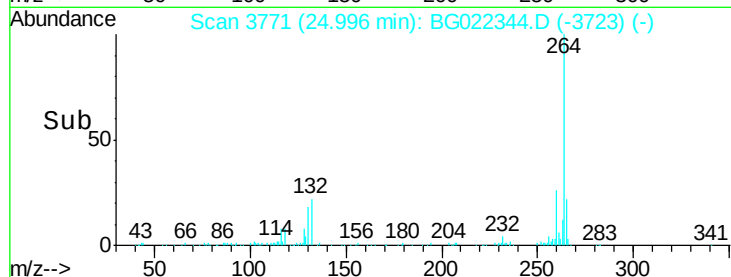
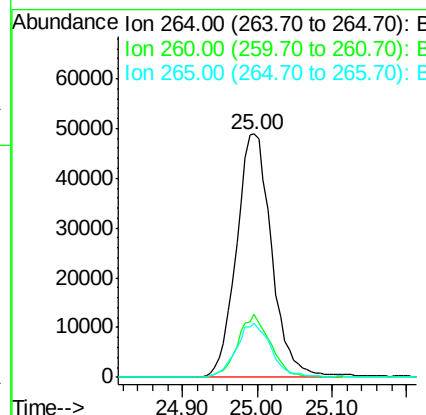
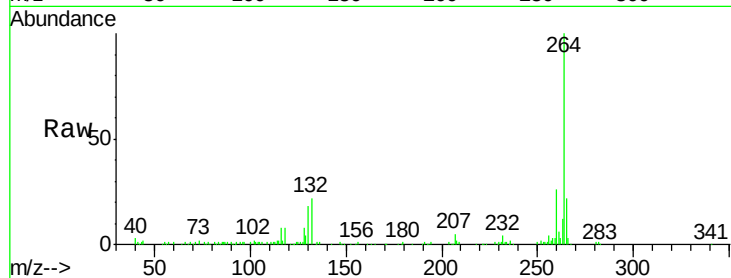




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.00 min Scan# 3771
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

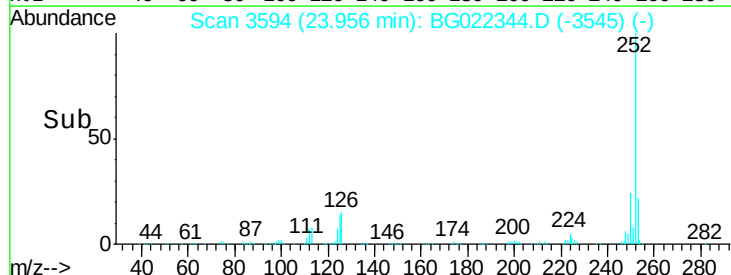
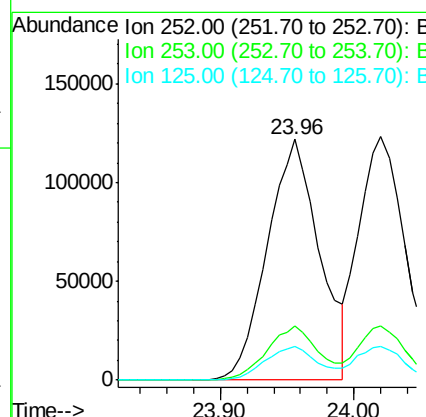
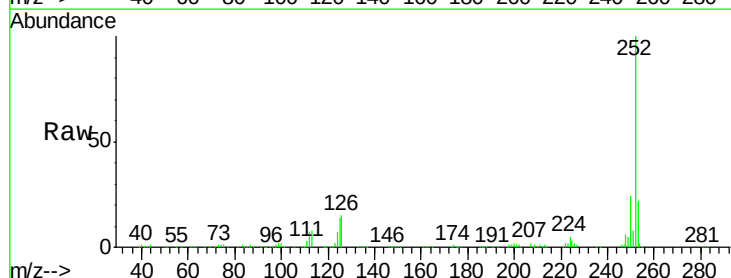
Instrument :
BNA_G
ClientSampleId :
PB91309BS

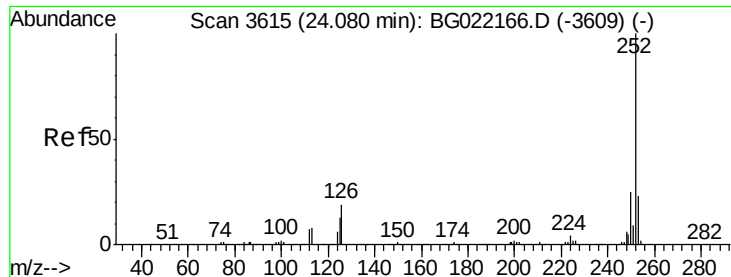
Tot Ion:264 Resp: 159976
Ion Ratio Lower Upper
264 100
260 26.1 20.2 30.4
265 22.3 17.8 26.8



#87
Benzo(b)fluoranthene
Concen: 35.44 ng
RT: 23.96 min Scan# 3594
Delta R.T. -0.01 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion:252 Resp: 330662
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 13.7 8.6 13.0#





#88

Benzo(k)fluoranthene

Concen: 32.84 ng

RT: 24.02 min Scan# 3605

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

Instrument :

BNA_G

ClientSampleId :

PB91309BS

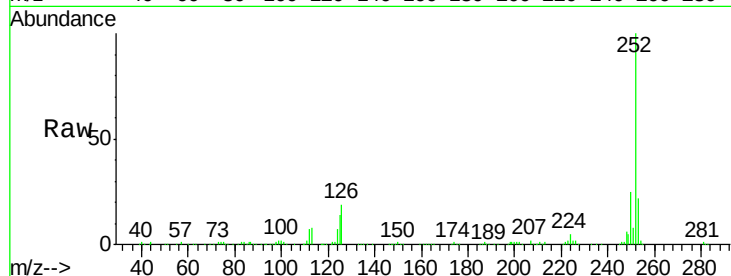
Tot Ion:252 Resp: 301625

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

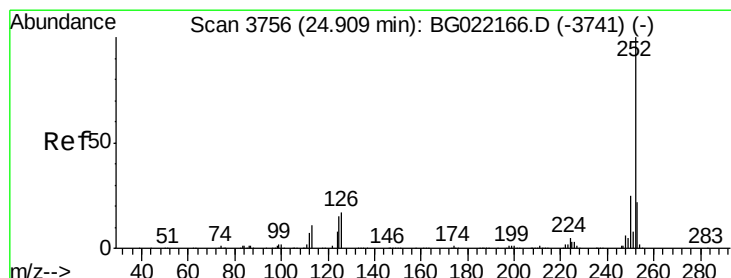
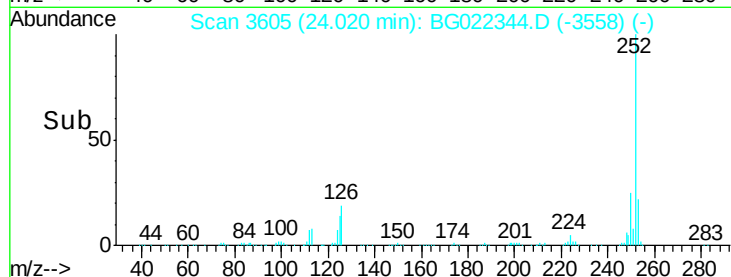
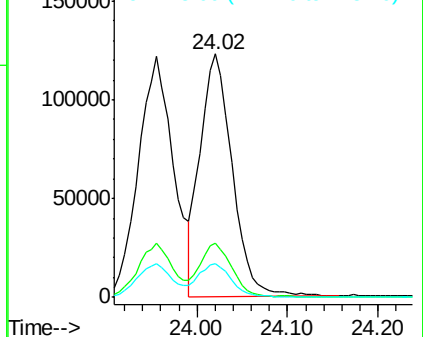
125 13.9 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 34.47 ng

RT: 24.84 min Scan# 3745

Delta R.T. -0.02 min

Lab File: BG022344.D

Acq: 14 Jun 2016 21:06

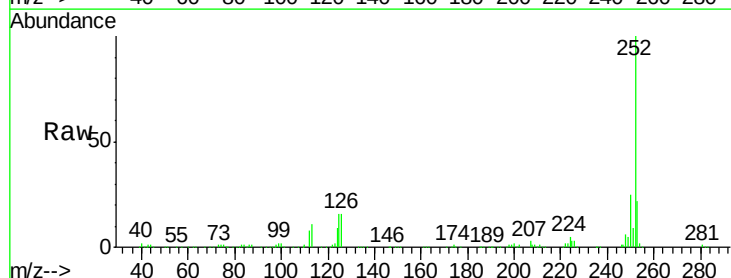
Tgt Ion:252 Resp: 307540

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

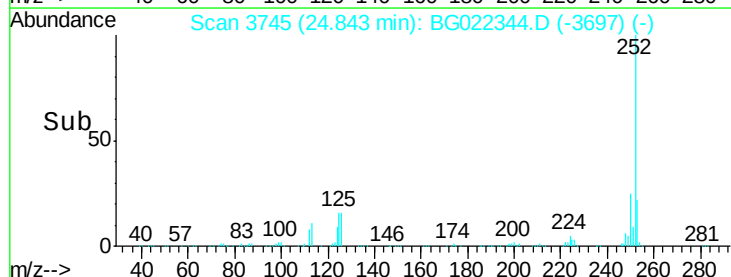
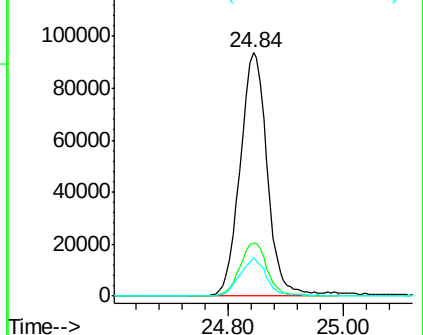
125 16.0 9.6 14.4#

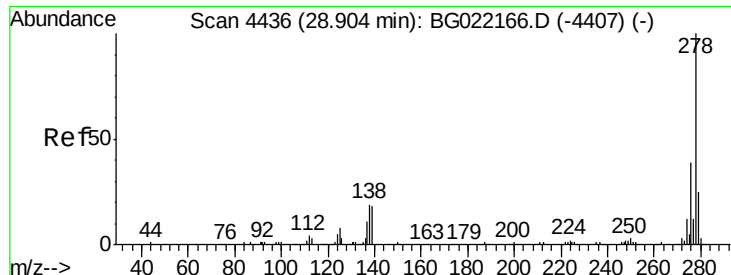


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

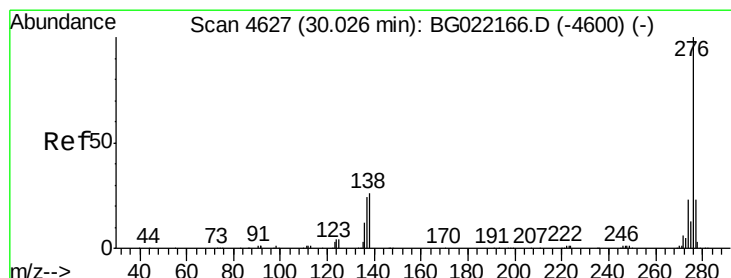
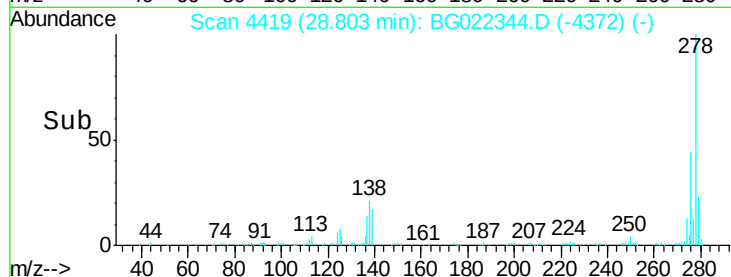
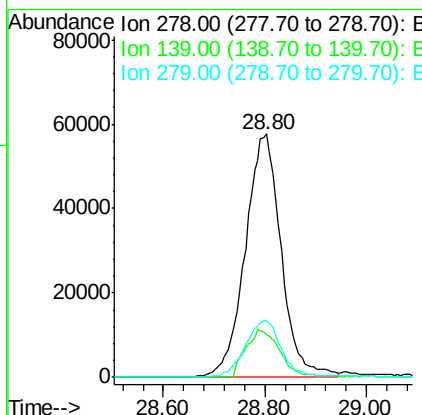
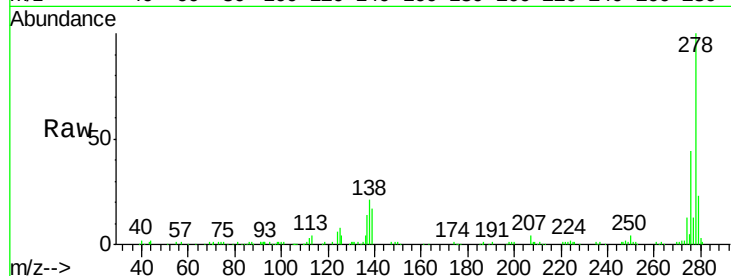




#90
Dibenzo(a,h)anthracene
Concen: 33.69 ng
RT: 28.80 min Scan# 4419
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Instrument :
BNA_G
ClientSampleId :
PB91309BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	11.9	17.9
279	23.1	18.2	27.2



#91
Benzo(g,h,i)perylene
Concen: 33.13 ng
RT: 29.92 min Scan# 4609
Delta R.T. -0.02 min
Lab File: BG022344.D
Acq: 14 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.2
138	27.6	17.4	26.0

